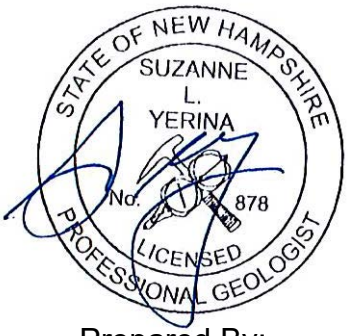
DES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, NH 03302-0095

NOVEMBER 2020
SPRING 2020 SAMPLING EVENT
ANALYTICAL RESULTS
VISTA – OU-1 and OU-2
Coakley Landfill Superfund Site
North Hampton and Greenland
New Hampshire

NHDES Site #: 198712001

Prepared For:
New Hampshire Department of Environmental Services
29 Hazen Drive
Concord, New Hampshire 03302-0095

Suzanne Yerina
Digitally signed by Suzanne Yerina
Date: 2020.11.16 16:50:12 -05'00'



Prepared By:
CES, Inc.
415 Lisbon Street
Lewiston, Maine 04240
Phone Number: (207) 795-6009
Contact Name: Suzanne Yerina
Contact Email: syerina@cesincusa.com

Date: (November 2020)

June 16, 2020

Vista Work Order No. 2001150

Ms. Suzanne Yerina
CES Inc.
640 Main Street
Lewiston, ME 0240

Dear Ms. Yerina,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on May 27, 2020 under your Project Name 'Coakley Landfill'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2001150
Case Narrative

Sample Condition on Receipt:

Five aqueous samples and one drinking water sample were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

Samples "GW-MW-6", "GW-MW-10" and "GW-FPC-5A" contained particulate and were centrifuged prior to extraction.

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted within the EPA-recommended hold time.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with each preparation batch. No analytes were detected in the Method Blanks above the Reporting Limit. The OPR recoveries were within the method acceptance criteria.

The internal standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2001150-01	GW-MW-6	PFAS Isotope Dilution Method	13C3-PFBA	H	137
2001150-02	GW-MW-9	PFAS Isotope Dilution Method	13C3-PFBA	H	138
2001150-04	GW-FPC-5A	PFAS Isotope Dilution Method	13C3-PFBA	H	56.5
2001150-06	DW-R-9SMW	PFAS Isotope Dilution Method	13C3-PFBA	H	136

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001150-01	GW-MW-6	22-May-20 09:00	27-May-20 10:27	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001150-02	GW-MW-9	22-May-20 10:20	27-May-20 10:27	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001150-03	GW-MW-10	22-May-20 11:35	27-May-20 10:27	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001150-04	GW-FPC-5A	22-May-20 11:23	27-May-20 10:27	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001150-05	GW-FPC-5B	22-May-20 12:20	27-May-20 10:27	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001150-06	DW-R-9SMW	22-May-20 09:35	27-May-20 10:27	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0245-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.729	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFPeA	2706-90-3	ND	1.28	4.00		B0E0245	29-May-20	0.125 L	09-Jun-20 19:31	1
PFBS	375-73-5	ND	1.79	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFHxA	307-24-4	ND	2.18	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFHpA	375-85-9	ND	0.591	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFHxS	355-46-4	ND	0.947	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
6:2 FTS	27619-97-2	ND	2.00	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFOA	335-67-1	ND	0.651	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFHpS	375-92-8	ND	0.937	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFNA	375-95-1	ND	0.810	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFOSA	754-91-6	ND	1.77	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFOS	1763-23-1	ND	0.807	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFDA	335-76-2	ND	1.49	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
8:2 FTS	39108-34-4	ND	2.06	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
MeFOSAA	2355-31-9	ND	1.65	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
EtFOSAA	2991-50-6	ND	1.37	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFUnA	2058-94-8	ND	1.05	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFDS	335-77-3	ND	1.23	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFDoA	307-55-1	ND	0.792	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
MeFOSA	31506-32-8	ND	3.83	20.0		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFTrDA	72629-94-8	ND	0.494	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFTeDA	376-06-7	ND	0.755	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
EtFOSA	4151-50-2	ND	5.11	20.0		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
PFHxDA	67905-19-5	ND	0.294	4.00		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
MeFOSE	24448-09-7	ND	6.07	20.0		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
EtFOSE	1691-99-2	ND	9.44	20.0		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	119	60 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C3-PFPeA	IS	74.3	60 - 150		B0E0245	29-May-20	0.125 L	09-Jun-20 19:31	1
13C3-PFBS	IS	86.2	60 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-PFHxA	IS	79.3	70 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C4-PFHpA	IS	80.7	60 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C3-PFHxS	IS	86.0	60 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-6:2 FTS	IS	82.3	40 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C5-PFNA	IS	80.2	50 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C8-PFOSA	IS	43.4	20 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-PFOA	IS	75.0	60 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C8-PFOS	IS	83.7	60 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0245-BLK1
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	76.7	60 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-8:2 FTS	IS	63.6	40 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
d3-MeFOSAA	IS	66.9	50 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-PFUnA	IS	71.1	60 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
d5-EtFOSAA	IS	63.3	50 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-PFDoA	IS	63.3	30 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
d3-MeFOSA	IS	20.6	10 - 130		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-PFTeDA	IS	61.4	20 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
d5-EtFOSA	IS	18.4	10 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
13C2-PFHxDA	IS	46.4	20 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
d7-MeFOSE	IS	34.3	10 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1
d9-EtFOSE	IS	35.7	10 - 150		B0E0245	29-May-20	0.125 L	08-Jun-20 23:54	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0245-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	79.2	80.0	99.0	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFPeA	2706-90-3	82.8	80.0	104	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 19:42	1
PFBS	375-73-5	81.2	80.0	101	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFHxA	307-24-4	81.2	80.0	102	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFHpA	375-85-9	81.5	80.0	102	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFHxS	355-46-4	72.9	80.0	91.2	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
6:2 FTS	27619-97-2	75.3	80.0	94.1	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFOA	335-67-1	82.0	80.0	102	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFHpS	375-92-8	85.3	80.0	107	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFNA	375-95-1	85.4	80.0	107	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFOSA	754-91-6	85.3	80.0	107	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFOS	1763-23-1	77.9	80.0	97.4	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFDA	335-76-2	81.2	80.0	102	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
8:2 FTS	39108-34-4	67.7	80.0	84.6	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
MeFOSAA	2355-31-9	76.8	80.0	96.1	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
EtFOSAA	2991-50-6	78.7	80.0	98.3	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFUnA	2058-94-8	83.9	80.0	105	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFDS	335-77-3	74.0	80.0	92.5	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFDoA	307-55-1	79.6	80.0	99.5	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
MeFOSA	31506-32-8	431	400	108	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFTrDA	72629-94-8	77.2	80.0	96.5	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFTeDA	376-06-7	83.8	80.0	105	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
EtFOSA	4151-50-2	407	400	102	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
PFHxDA	67905-19-5	75.0	80.0	93.8	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
MeFOSE	24448-09-7	397	400	99.4	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
EtFOSE	1691-99-2	381	400	95.4	60 - 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	122	60- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C3-PFPeA	IS	75.6	60- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 19:42	1
13C3-PFBS	IS	86.3	60- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-PFHxA	IS	84.2	70- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C4-PFHpA	IS	80.9	60- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C3-PFHxS	IS	94.8	60- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-6:2 FTS	IS	82.5	40- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C5-PFNA	IS	80.7	50- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0245-BS1
Column: BEH C18

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOSA	IS	49.7	20- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-PFOA	IS	77.6	60- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C8-PFOS	IS	83.7	60- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-PFDA	IS	81.7	60- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-8:2 FTS	IS	81.9	40- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
d3-MeFOSAA	IS	71.5	50- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-PFUnA	IS	72.7	60- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
d5-EtFOSAA	IS	64.0	50- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-PFDoA	IS	68.2	30- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
d3-MeFOSA	IS	25.8	10- 130		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-PFTeDA	IS	55.2	20- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
d5-EtFOSA	IS	24.4	10- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
13C2-PFHxDA	IS	21.0	20- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
d7-MeFOSE	IS	42.2	10- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1
d9-EtFOSE	IS	45.4	10- 150		B0E0245	29-May-20	0.125 L	09-Jun-20 00:05	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0077-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFHxDA	67905-19-5	ND	0.294	4.00		B0F0077	11-Jun-20	0.125 L	12-Jun-20 20:08	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFHxDA	IS	60.9	20 - 150		B0F0077	11-Jun-20	0.125 L	12-Jun-20 20:08	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill

Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0077-BS1 Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFHxDA	67905-19-5	88.3	80.0	110	60 - 130		B0F0077	11-Jun-20	0.125 L	12-Jun-20 20:19	1
Labeled Standards		**Type**		**% Rec**	**Limits**	**Qualifiers**	**Batch**	**Extracted**	**Samp Size**	**Analyzed**	**Dilution**
13C2-PFHxDA		IS		64.4	20- 150		B0F0077	11-Jun-20	0.125 L	12-Jun-20 20:19	1

Sample ID: GW-MW-6

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-6

Matrix: Aqueous
Date Collected: 22-May-20 09:00

Laboratory Data

Lab Sample: 2001150-01
Date Received: 27-May-20 10:27

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.63	0.802	4.40	J	B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFPeA	2706-90-3	3.21	1.41	4.40	J	B0E0245	29-May-20	0.114 L	09-Jun-20 19:52	1
PFBS	375-73-5	3.26	1.97	4.40	J	B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFHxA	307-24-4	3.81	2.40	4.40	J	B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFHpA	375-85-9	ND	0.650	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFHxS	355-46-4	ND	1.04	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
6:2 FTS	27619-97-2	ND	2.20	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFOA	335-67-1	8.99	0.716	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFHpS	375-92-8	ND	1.03	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFNA	375-95-1	ND	0.891	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFOSA	754-91-6	8.19	1.95	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFOS	1763-23-1	2.26	0.888	4.40	J	B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFDA	335-76-2	ND	1.64	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
8:2 FTS	39108-34-4	ND	2.27	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
MeFOSAA	2355-31-9	ND	1.82	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
EtFOSAA	2991-50-6	ND	1.51	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFUnA	2058-94-8	ND	1.16	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFDS	335-77-3	ND	1.35	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFDoA	307-55-1	ND	0.871	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
MeFOSA	31506-32-8	ND	4.21	22.0		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFTrDA	72629-94-8	ND	0.543	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFTeDA	376-06-7	ND	0.831	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
EtFOSA	4151-50-2	ND	5.62	22.0		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
PFHxDA	67905-19-5	ND	0.323	4.40		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
MeFOSE	24448-09-7	ND	6.68	22.0		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
EtFOSE	1691-99-2	ND	10.4	22.0		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	137	60 - 130	H	B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C3-PFPeA	IS	77.6	60 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 19:52	1
13C3-PFBS	IS	94.3	60 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-PFHxA	IS	83.7	70 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C4-PFHpA	IS	81.9	60 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C3-PFHxS	IS	96.3	60 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-6:2 FTS	IS	86.7	40 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C5-PFNA	IS	85.2	50 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C8-PFOSA	IS	56.5	20 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-PFOA	IS	80.5	60 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C8-PFOS	IS	85.2	60 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1

Sample ID: GW-MW-6

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-6
Matrix: Aqueous
Date Collected: 22-May-20 09:00

Laboratory Data

Lab Sample: 2001150-01
Date Received: 27-May-20 10:27
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	87.6	60 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-8:2 FTS	IS	82.2	40 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
d3-MeFOSAA	IS	74.4	50 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-PFUnA	IS	81.0	60 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
d5-EtFOSAA	IS	67.7	50 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-PFDoA	IS	74.4	30 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
d3-MeFOSA	IS	34.3	10 - 130		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-PFTeDA	IS	67.2	20 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
d5-EtFOSA	IS	33.4	10 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
13C2-PFHxDA	IS	48.7	20 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
d7-MeFOSE	IS	60.2	10 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1
d9-EtFOSE	IS	58.9	10 - 150		B0E0245	29-May-20	0.114 L	09-Jun-20 00:16	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-9

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-9
Matrix: Aqueous
Date Collected: 22-May-20 10:20

Laboratory Data

Lab Sample: 2001150-02
Date Received: 27-May-20 10:27
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	36.7	0.819	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFPeA	2706-90-3	69.7	1.44	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 20:03	1
PFBS	375-73-5	2.59	2.01	4.49	J	B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFHxA	307-24-4	92.4	2.45	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFHpA	375-85-9	190	0.664	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFHxS	355-46-4	13.0	1.06	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
6:2 FTS	27619-97-2	ND	2.25	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFOA	335-67-1	553	0.731	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFHpS	375-92-8	3.34	1.05	4.49	J	B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFNA	375-95-1	175	0.910	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFOSA	754-91-6	5.25	1.99	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFOS	1763-23-1	404	0.906	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFDA	335-76-2	19.0	1.67	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
8:2 FTS	39108-34-4	ND	2.31	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
MeFOSAA	2355-31-9	ND	1.85	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
EtFOSAA	2991-50-6	ND	1.54	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFUnA	2058-94-8	ND	1.18	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFDS	335-77-3	ND	1.38	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFDoA	307-55-1	ND	0.889	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
MeFOSA	31506-32-8	ND	4.30	22.5		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFTrDA	72629-94-8	ND	0.555	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFTeDA	376-06-7	ND	0.848	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
EtFOSA	4151-50-2	ND	5.74	22.5		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
PFHxDA	67905-19-5	ND	0.330	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
MeFOSE	24448-09-7	ND	6.82	22.5		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
EtFOSE	1691-99-2	ND	10.6	22.5		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	138	60 - 130	H	B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C3-PFPeA	IS	74.7	60 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 20:03	1
13C3-PFBS	IS	87.2	60 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-PFHxA	IS	80.2	70 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C4-PFHpA	IS	81.9	60 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C3-PFHxS	IS	86.8	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-6:2 FTS	IS	81.4	40 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C5-PFNA	IS	77.1	50 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C8-PFOSA	IS	58.4	20 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-PFOA	IS	73.5	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C8-PFOS	IS	83.5	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1

Sample ID: GW-MW-9

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-9
Matrix: Aqueous
Date Collected: 22-May-20 10:20

Laboratory Data

Lab Sample: 2001150-02
Date Received: 27-May-20 10:27
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	82.6	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-8:2 FTS	IS	78.3	40 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
d3-MeFOSAA	IS	77.3	50 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-PFUnA	IS	81.0	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
d5-EtFOSAA	IS	71.0	50 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-PFDoA	IS	78.3	30 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
d3-MeFOSA	IS	28.9	10 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-PFTeDA	IS	68.5	20 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
d5-EtFOSA	IS	33.2	10 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
13C2-PFHxDA	IS	52.1	20 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
d7-MeFOSE	IS	64.0	10 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1
d9-EtFOSE	IS	67.0	10 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 00:26	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-10

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-10
Matrix: Aqueous
Date Collected: 22-May-20 11:35

Laboratory Data

Lab Sample: 2001150-03
Date Received: 27-May-20 10:27
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	72.8	0.849	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFPeA	2706-90-3	146	1.49	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 20:13	1
PFBS	375-73-5	3.40	2.08	4.66	J	B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFHxA	307-24-4	210	2.54	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFHpA	375-85-9	422	0.688	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFHxS	355-46-4	11.7	1.10	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
6:2 FTS	27619-97-2	ND	2.33	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFOA	335-67-1	914	0.758	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFHpS	375-92-8	11.7	1.09	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFNA	375-95-1	392	0.943	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFOSA	754-91-6	23.3	2.06	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFOS	1763-23-1	819	0.940	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFDA	335-76-2	81.2	1.73	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
8:2 FTS	39108-34-4	ND	2.40	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
MeFOSAA	2355-31-9	ND	1.92	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
EtFOSAA	2991-50-6	ND	1.60	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFUnA	2058-94-8	ND	1.22	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFDS	335-77-3	ND	1.43	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFDoA	307-55-1	ND	0.922	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
MeFOSA	31506-32-8	ND	4.46	23.3		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFTrDA	72629-94-8	ND	0.575	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFTeDA	376-06-7	ND	0.879	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
EtFOSA	4151-50-2	ND	5.95	23.3		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
PFHxDA	67905-19-5	ND	0.342	4.66		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
MeFOSE	24448-09-7	ND	7.07	23.3		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
EtFOSE	1691-99-2	ND	11.0	23.3		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.6	60 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C3-PFPeA	IS	77.5	60 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 20:13	1
13C3-PFBS	IS	89.1	60 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-PFHxA	IS	82.1	70 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C4-PFHpA	IS	78.0	60 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C3-PFHxS	IS	91.5	60 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-6:2 FTS	IS	84.0	40 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C5-PFNA	IS	80.8	50 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C8-PFOSA	IS	58.3	20 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-PFOA	IS	79.4	60 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C8-PFOS	IS	82.8	60 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1

Sample ID: GW-MW-10

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-10
Matrix: Aqueous
Date Collected: 22-May-20 11:35

Laboratory Data

Lab Sample: 2001150-03
Date Received: 27-May-20 10:27
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	80.9	60 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-8:2 FTS	IS	82.8	40 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
d3-MeFOSAA	IS	72.8	50 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-PFUnA	IS	76.2	60 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
d5-EtFOSAA	IS	71.3	50 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-PFDoA	IS	77.7	30 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
d3-MeFOSA	IS	25.5	10 - 130		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-PFTeDA	IS	63.0	20 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
d5-EtFOSA	IS	26.1	10 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
13C2-PFHxDA	IS	39.1	20 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
d7-MeFOSE	IS	61.2	10 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1
d9-EtFOSE	IS	62.3	10 - 150		B0E0245	29-May-20	0.107 L	09-Jun-20 00:37	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-5A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-5A
Matrix: Aqueous
Date Collected: 22-May-20 11:23

Laboratory Data

Lab Sample: 2001150-04
Date Received: 27-May-20 10:27
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	21.6	0.845	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFPeA	2706-90-3	46.6	1.48	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 20:24	1
PFBS	375-73-5	6.70	2.07	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFHxA	307-24-4	73.9	2.53	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFHpA	375-85-9	105	0.685	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFHxS	355-46-4	23.3	1.10	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
6:2 FTS	27619-97-2	ND	2.32	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFOA	335-67-1	310	0.754	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFHpS	375-92-8	1.75	1.09	4.64	J	B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFNA	375-95-1	35.2	0.939	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFOSA	754-91-6	9.89	2.05	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFOS	1763-23-1	58.4	0.935	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFDA	335-76-2	3.07	1.73	4.64	J	B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
8:2 FTS	39108-34-4	ND	2.39	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
MeFOSAA	2355-31-9	ND	1.91	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
EtFOSAA	2991-50-6	4.85	1.59	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFUnA	2058-94-8	ND	1.22	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFDS	335-77-3	ND	1.43	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFDoA	307-55-1	ND	0.918	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
MeFOSA	31506-32-8	ND	4.44	23.2		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFTrDA	72629-94-8	ND	0.573	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFTeDA	376-06-7	ND	0.875	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
EtFOSA	4151-50-2	ND	5.92	23.2		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
PFHxDA	67905-19-5	ND	0.341	4.64		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
MeFOSE	24448-09-7	ND	7.03	23.2		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
EtFOSE	1691-99-2	ND	10.9	23.2		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	56.5	60 - 130	H	B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C3-PFPeA	IS	72.7	60 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 20:24	1
13C3-PFBS	IS	86.5	60 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-PFHxA	IS	84.6	70 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C4-PFHpA	IS	81.3	60 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C3-PFHxS	IS	88.3	60 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-6:2 FTS	IS	89.4	40 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C5-PFNA	IS	85.4	50 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C8-PFOSA	IS	61.0	20 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-PFOA	IS	77.4	60 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C8-PFOS	IS	85.7	60 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1

Sample ID: GW-FPC-5A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-5A
Matrix: Aqueous
Date Collected: 22-May-20 11:23

Laboratory Data

Lab Sample: 2001150-04
Date Received: 27-May-20 10:27
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	88.7	60 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-8:2 FTS	IS	82.5	40 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
d3-MeFOSAA	IS	80.0	50 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-PFUnA	IS	78.1	60 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
d5-EtFOSAA	IS	62.0	50 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-PFDoA	IS	76.2	30 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
d3-MeFOSA	IS	27.9	10 - 130		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-PFTeDA	IS	69.1	20 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
d5-EtFOSA	IS	25.3	10 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
13C2-PFHxDA	IS	40.2	20 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
d7-MeFOSE	IS	62.3	10 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1
d9-EtFOSE	IS	62.3	10 - 150		B0E0245	29-May-20	0.108 L	09-Jun-20 00:47	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-5B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-5B

Matrix: Aqueous
Date Collected: 22-May-20 12:20

Laboratory Data

Lab Sample: 2001150-05
Date Received: 27-May-20 10:27

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	23.4	0.818	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFPeA	2706-90-3	36.7	1.44	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 21:06	1
PFBS	375-73-5	13.2	2.01	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFHxA	307-24-4	57.5	2.45	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFHpA	375-85-9	28.4	0.663	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFHxS	355-46-4	39.1	1.06	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
6:2 FTS	27619-97-2	ND	2.24	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFOA	335-67-1	152	0.730	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFHpS	375-92-8	1.20	1.05	4.49	J	B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFNA	375-95-1	ND	0.909	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFOSA	754-91-6	ND	1.99	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFOS	1763-23-1	17.1	0.905	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFDA	335-76-2	ND	1.67	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
8:2 FTS	39108-34-4	ND	2.31	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
MeFOSAA	2355-31-9	ND	1.85	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
EtFOSAA	2991-50-6	ND	1.54	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFUnA	2058-94-8	ND	1.18	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFDS	335-77-3	ND	1.38	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFDoA	307-55-1	ND	0.889	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
MeFOSA	31506-32-8	ND	4.30	22.4		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFTrDA	72629-94-8	ND	0.554	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFTeDA	376-06-7	ND	0.847	4.49		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
EtFOSA	4151-50-2	ND	5.73	22.4		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
PFHxDA	67905-19-5	ND	0.313	4.25		B0F0077	11-Jun-20	0.118 L	12-Jun-20 20:29	1
MeFOSE	24448-09-7	ND	6.81	22.4		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
EtFOSE	1691-99-2	ND	10.6	22.4		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	89.4	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C3-PFPeA	IS	74.7	60 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 21:06	1
13C3-PFBS	IS	93.7	60 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-PFHxA	IS	81.3	70 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C4-PFHpA	IS	78.0	60 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C3-PFHxS	IS	84.8	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-6:2 FTS	IS	87.1	40 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C5-PFNA	IS	82.1	50 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C8-PFOSA	IS	63.5	20 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-PFOA	IS	82.7	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C8-PFOS	IS	89.8	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1

Sample ID: GW-FPC-5B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-5B

Matrix: Aqueous
Date Collected: 22-May-20 12:20

Laboratory Data

Lab Sample: 2001150-05
Date Received: 27-May-20 10:27

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	83.6	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-8:2 FTS	IS	82.2	40 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
d3-MeFOSAA	IS	74.9	50 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-PFUnA	IS	75.2	60 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
d5-EtFOSAA	IS	64.8	50 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-PFDoA	IS	64.3	30 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
d3-MeFOSA	IS	19.3	10 - 130		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-PFTeDA	IS	42.5	20 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
d5-EtFOSA	IS	12.5	10 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
13C2-PFHxDA	IS	76.4	20 - 150		B0F0077	11-Jun-20	0.118 L	12-Jun-20 20:29	1
d7-MeFOSE	IS	34.7	10 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1
d9-EtFOSE	IS	37.1	10 - 150		B0E0245	29-May-20	0.111 L	09-Jun-20 01:29	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: DW-R-9SMW

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: 9 Stone Meadow

Matrix: Drinking Water
Date Collected: 22-May-20 09:35

Laboratory Data

Lab Sample: 2001150-06
Date Received: 27-May-20 10:27

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.769	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFPeA	2706-90-3	ND	1.35	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 21:16	1
PFBS	375-73-5	ND	1.89	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFHxA	307-24-4	ND	2.30	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFHpA	375-85-9	ND	0.623	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFHxS	355-46-4	2.71	0.999	4.22	J	B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
6:2 FTS	27619-97-2	ND	2.11	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFOA	335-67-1	4.87	0.687	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFHpS	375-92-8	ND	0.988	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFNA	375-95-1	ND	0.854	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFOSA	754-91-6	23.4	1.87	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFOS	1763-23-1	ND	0.851	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFDA	335-76-2	ND	1.57	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
8:2 FTS	39108-34-4	ND	2.17	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
MeFOSAA	2355-31-9	ND	1.74	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
EtFOSAA	2991-50-6	ND	1.44	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFUnA	2058-94-8	ND	1.11	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFDS	335-77-3	ND	1.30	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFDoA	307-55-1	ND	0.835	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
MeFOSA	31506-32-8	ND	4.04	21.1		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFTrDA	72629-94-8	ND	0.521	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFTeDA	376-06-7	ND	0.796	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
EtFOSA	4151-50-2	ND	5.39	21.1		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
PFHxDA	67905-19-5	ND	0.310	4.22		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
MeFOSE	24448-09-7	ND	6.40	21.1		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
EtFOSE	1691-99-2	ND	9.96	21.1		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	136	60 - 130	H	B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C3-PFPeA	IS	79.2	60 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 21:16	1
13C3-PFBS	IS	93.6	60 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-PFHxA	IS	91.0	70 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C4-PFHpA	IS	86.3	60 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C3-PFHxS	IS	92.6	60 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-6:2 FTS	IS	97.6	40 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C5-PFNA	IS	88.5	50 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C8-PFOSA	IS	69.4	20 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-PFOA	IS	85.8	60 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C8-PFOS	IS	93.7	60 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1

Sample ID: DW-R-9SMW

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: 9 Stone Meadow

Matrix: Drinking Water
Date Collected: 22-May-20 09:35

Laboratory Data

Lab Sample: 2001150-06
Date Received: 27-May-20 10:27

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	89.5	60 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-8:2 FTS	IS	83.7	40 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
d3-MeFOSAA	IS	79.8	50 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-PFUnA	IS	81.0	60 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
d5-EtFOSAA	IS	82.0	50 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-PFDoA	IS	75.8	30 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
d3-MeFOSA	IS	21.4	10 - 130		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-PFTeDA	IS	62.0	20 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
d5-EtFOSA	IS	15.3	10 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
13C2-PFHxDA	IS	24.7	20 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
d7-MeFOSE	IS	53.9	10 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1
d9-EtFOSE	IS	56.5	10 - 150		B0E0245	29-May-20	0.119 L	09-Jun-20 01:40	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001150 Temp: 1.0 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley Landfill PO#: Sampler: Keith Davis (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
[signature]	5.26.20	1630	fedex		
			William R Wright William R Wright KA	5.27.20	10:27
Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN:

Method of Shipment: fedex
Tracking No.: 770544181086

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Type	Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: List of 24 Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List of 14	537.1 List of 18	Comments
GW-MW-6	5.22.20	0900	MW-6	2	P	AQ					X					
GW-MW-9		1020	MW-9	2	P	AQ					X					
GW-MW-10		1135	MW-10	2	P	AQ					X					
GW-FPC-5A		1123	FPC-5A	2	P	AQ					X					
GW-FPC-5B		1220	FPC-5B	2	P	AQ					X					
DW-R-9SMW		0935	9 Stone Meadow	2	P	DW					X					

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Buckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 2077957000 Email: cbuckman@cesincusa.com; syerton@cesincusa.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001150 TAT std

Samples Arrival:	**Date/Time** 5-27-20 10:27		**Initials:** UKW			**Location:** WR-2 **Shelf/Rack:** NA	
Delivered By:	FedEx	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	Ice		Blue Ice		Dry Ice		None
Temp °C: 1.0 (uncorrected) **Temp °C:** 1.0 (corrected)			**Probe used:** Y / N			**Thermometer ID:** DT-4	

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Airbill Trk # 7705 4481 0836	✓		
Shipping Documentation Present?	✓		
Shipping Container: Vista / Client / Retain / Return / Dispose	✓		
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	**Date/Time** 05/27/20 1448	**Initials:** WWS	**Location:** R-13, WR-2 **Shelf/Rack:** B-2, B-4
COC Anomaly/Sample Acceptance Form completed?		✓	✓

Comments:

CoC/Label Reconciliation Report WO# 2001150

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2001150-01	A GW-MW-6	☑	MW-6	22-May-20 09:00	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-01	B GW-MW-6	☑	MW-6	22-May-20 09:00	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-02	A GW-MW-9	☑	MW-9	22-May-20 10:20	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-02	B GW-MW-9	☑	MW-9	22-May-20 10:20	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-03	A GW-MW-10	☑	MW-10	22-May-20 11:35	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-03	B GW-MW-10	☑	MW-10	22-May-20 11:35	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-04	A GW-FPC-5A	☐ (a)	FPC-5A	22-May-20 11:23	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-04	B GW-FPC-5A	☐ (a)	FPC-5A	22-May-20 11:23	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-05	A GW-FPC-5B	☑	FPC-5B	22-May-20 12:20	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-05	B GW-FPC-5B	☑	FPC-5B	22-May-20 12:20	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-06	A DW-R-9SMW	☑	9 Stone Meadow	22-May-20 09:35	☑	HDPE Bottle, 125 mL	Aqueous	
2001150-06	B DW-R-9SMW	☑	9 Stone Meadow	22-May-20 09:35	☑	HDPE Bottle, 125 mL	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma (None) Other		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments: (a) sample label: FPC-5B

Verifed by/Date: MLB 05/27/20

EXTRACTION INFORMATION

Process Sheet

Workorder: 2001150

D

Prep Expiration: 2020-06-05
Client: CES Inc.

Workorder Due: 17-Jun-20 00:00

TAT: 21

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOE0245

Prep Data Entered: N 05/30/20
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: SOP 004

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001150-01	A	☑	☑	GW-MW-6		R-13 A-2	HDPE Bottle, 125 mL
2001150-02		☑	☑	GW-MW-9		R-13 A-2	HDPE Bottle, 125 mL
2001150-03		☑	☑	GW-MW-10		R-13 A-2	HDPE Bottle, 125 mL
2001150-04		☐	☐	GW-FPC-5A	"FPC-5A" ✓	R-13 A-2	HDPE Bottle, 125 mL
2001150-05		☑	☑	GW-FPC-5B		R-13 A-2	HDPE Bottle, 125 mL
2001150-06		☑	☑	DW-R-9SMW		R-13 A-2	HDPE Bottle, 125 mL

WO Comments: **% Solids 7-Day HT**
Report to MDL

Pre-Prep Check Out: CHT 05/28/20
Pre-Prep Check In: CHT 05/28/20

Prep Check Out: N 05/29/20
Prep Check In: MM

Prep Reconciled Initals/Date: CHT 05/28/20
Spike Reconciled Initals/Date: N 05/29/20
VialBoxID: Pasta

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0E0245

Chemist: JL

Prep Date: 05/29/20

Prep Time: 07:21

Hood#: 13

Prepared using: ☐ Sonication Shaker ☐ SPE Extraction ☐ Centrifuge ID: CS

Rec Date/Initals: JL 05/30/20 | Date/Initals: CHT 05/28/20 | BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation	RS CHEM/WIT DATE
☑	B0E0245-BLK1	☑	☑	5	0	NA	NA	(0.125)	JL ME 05/29/20	JL 05/29/20	NA	NA
☑	B0E0245-BS1	☑	☑	5	0	↓	↓	(0.125)	↓	↓	↓	↓
☑	2001150-01 (2)	☑	☑	5	0	140.30	26.68	0.11362	↓	↓	↓	↓
☐	2001150-02	☑	☑	6	0	138.09	26.79	0.11150	↓	↓	↓	↓
☑	2001150-03	☑	☑	6	0	133.95	26.59	0.10736	↓	↓	↓	↓
☑	2001150-04 (2)	☑	☑	6	0	134.59	26.73	0.10786	↓	↓	↓	↓
☐	2001150-05	☑	☑	6	0	138.20	26.78	0.11142	↓	↓	↓	↓
☐	2001150-06	☑	☑	6	0	145.25	26.73	0.11852	↓	↓	↓	↓

IS: 20C1903, 10µL (V6)

IS SUP: 20D2301, 20µL (V6)

NS: 20C1703, 10µL (V8)

NS SUP: NA

RS: NA

SPE Chem: Strata-XL-AW 100µm 200mg/6mL

SPE Lot#: S18-006865

ENVI-Carb Lot#: NA

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes:
(2) JL 05/29/20

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0E0245

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001150-01	0.11362	NA	NA	1000	29-May-20 07:21	JJC			Aqueous	537M PFAS
2001150-02	0.1113			1000	29-May-20 07:21	JJC			Aqueous	537M PFAS
2001150-03	0.10736			1000	29-May-20 07:21	JJC			Aqueous	537M PFAS
2001150-04	0.10786			1000	29-May-20 07:21	JJC			Aqueous	537M PFAS
2001150-05	0.11142			1000	29-May-20 07:21	JJC			Aqueous	537M PFAS
2001150-06	0.11852			1000	29-May-20 07:21	JJC			Drinking Water	537M PFAS
B0E0245-BLK1	0.125			1000	29-May-20 07:21	JJC				QC
B0E0245-BS1	0.125			1000	29-May-20 07:21	JJC	20C1203	10		QC

All bolded data on report verified against written benchsheet by (initial/date) JL 05/30/20

Printed: 5/30/2020 7:00:07AM
Page 1 of 1

Process Sheet

Workorder: 2001150 P RX 06/10/20

Prep Expiration: 2020-06-05
Client: CES Inc.

Workorder Due: 17-Jun-20 00:00

TAT: 21

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOF0077

Prep Data Entered: ME 06/12/2020
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: SOF0042

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001150-01		☐	☐	GW-MW-8		R-13 A-2	HDPE Bottle, 125 mL
2001150-02		☐	☐	GW-MW-9		R-13 A-2	HDPE Bottle, 125 mL
2001150-03		☐	☐	GW-MW-10		R-13 A-2	HDPE Bottle, 125 mL
2001150-04		☐	☐	GW-FPC-5A		R-13 A-2	HDPE Bottle, 125 mL
2001150-05	B	☑	☑	GW-FPC-5B		R-13 A-2	HDPE Bottle, 125 mL
2001150-06		☐	☐	DW-R-9SMW		R-13 A-2	HDPE Bottle, 125 mL

WO Comments: **% Solids 7-Day HT**
Report to MDL

Pre-Prep Check Out: CHT 06/11/20

Pre-Prep Check In: _____

Prep Check Out: ~~HP 06/11/20~~ HP 06/11/20 N/A

Prep Check In: N/A

Prep Reconciled Initals/Date: CHT 06/11/20

Spike Reconciled Initals/Date: HP 06/11/20

VialBoxID: Shark

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0077

Chemist: Hp

Prep Date: 06/11/20

Prep Time: 11:39

Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☐ Centrifuge ID: _____

Rec Date/Initals: HP 06/12/20

Date/Initals: CHT 06/11/20

BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☐	B0F0077-BLK1	☑	☑	5	0	NA	NA	(0.125)	Hp 2nd 06/11/20	Hp 06/11/20	N/A
☐	B0F0077-BS1	☑	☑	5	0	↓	↓	(0.125)	↓	↓	↓
☐	2001150-05RE1	☑	☑	6	0	143.92	26.35	0.11757	↓	↓	↓

IS: 20E1201 10mL (V22)

IS SUP: 20D2301 20mL (V3)

NS: 20E1202 10mL (V13)

NS SUP: N/A

SPE Chem: Strata X-AW 33um 200mg/6mL

SPE Lot#: 519-00623

ENVI-Carb Lot#: N/A

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes:

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0F0077

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001150-05RE1	**0.11757** ✓	N/A	N/A	**1000**	**11-Jun-20 11:39** ✓	**HRP** ✓			Aqueous	537M PFAS
B0F0077-BLK1	**0.125** ✓			**1000**	**11-Jun-20 11:39**	**HRP**				QC
B0F0077-BS1	**0.125** ✓			**1000**	**11-Jun-20 11:39**	**HRP**	**20E1202** ✓	**10** ✓		QC

All bolded data on report verified against written benchsheet by (initial/date) ME 06/12/2020

Printed: 6/12/2020 7:53:39AM
Page 1 of 1

Sample Data – PFAS Isotope Dilution Method

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:53:33 Pacific Daylight Time

Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.87e3	0.125		1.15						
2	5	PFBS	299.0 > 80		9.07e2	0.125		2.37						YES
3	7	PFHxA	313.0 > 269.0		8.74e3	0.125		2.89						YES
4	11	PFHpA	363.0 > 319		8.07e3	0.125		3.51						YES
5	15	6:2 FTS	427.0 > 407		1.13e3	0.125		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.87e3		0.125	328.442	1.37	1.15	4870	118.7286	118.7		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.07e2		0.125	84.154	2.29	2.37	907	86.2160	86.2		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	8.74e3		0.125	881.695	3.04	2.89	8740	79.3301	79.3		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	8.07e3		0.125	800.216	3.50	3.51	8070	80.6967	80.7		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.13e3		0.125	110.222	4.07	3.96	1130	82.3363	82.3		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.86e3	0.125		3.66						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.86e3	0.125		3.93		0.000				
14	19	PFHpS	449.0 > 80		1.81e3	0.125		4.17						YES
15	21	PFNA	463.0 > 418.8		8.82e3	0.125		4.46						YES
16	22	PFOSA	498 > 78		1.51e3	0.125		4.51						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.86e3		0.125	173.420	3.88	3.66	1860	86.0026	86.0		
18	61	13C3-PFHxS-EIS	402 > 80	1.86e3		0.125	173.420	3.88	3.66	1860	86.0026	86.0		
19	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
20	65	13C5-PFNA-EIS	468.2 > 422.9	8.82e3		0.125	880.063	4.70	4.46	8820	80.1661	80.2		
21	67	13C8-PFOSA-EIS	506 > 78	1.51e3		0.125	278.373	4.68	4.51	1510	43.4129	43.4		
22	-1													
23	16	L-PFOA	413 > 369		9.75e3	0.125		4.02						YES
24	1...	Total PFOA	413 > 369	0.00e0	9.75e3	0.125		4.60		0.000				
25	23	L-PFOS	499 > 80		1.81e3	0.125		4.55						YES
26	1...	Total PFOS	499> 80	0.00e0	1.81e3	0.125		4.60		0.000				
27	26	PFDA	513 > 469		1.00e4	0.125		4.84						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.75e3		0.125	1040.374	4.19	4.02	9750	75.0026	75.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.75e3		0.125	1040.374	4.19	4.02	9750	75.0026	75.0		
30	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
31	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.00e4		0.125	1046.803	4.83	4.84	10000	76.6721	76.7		
33	-1													
34	27	8:2 FTS	527.1 > 507		8.39e2	0.125		4.81						YES
35	29	L-MeFOSAA	570 > 419		2.22e3	0.125		4.99						YES
36	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.22e3	0.125		5.19		0.000				

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519		1.02e4	0.125		5.16						YES
38	34	PFDS	599.1 > 80.0		1.81e3	0.125		5.15						YES
39	75	13C2-8:2 FTS-EIS	529 > 80	8.39e2		0.125	105.584	4.97	4.81	839	63.5834	63.6		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.22e3		0.125	265.439	4.98	4.99	2220	66.8627	66.9		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.22e3		0.125	265.439	4.98	4.99	2220	66.8627	66.9		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.02e4		0.125	1152.628	5.16	5.16	10200	71.0980	71.1		
43	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
44	-1													
45	31	L-EtFOSAA	584 > 419		1.43e3	0.125		5.15						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	1.43e3	0.125		5.37		0.000				
47	37	PFDoA	612.9 > 569.0		1.02e4	0.125		5.45						YES
48	39	PFTrDA	662.9 > 618.9		1.02e4	0.125		5.69						YES
49	41	PFTeDA	713.0 > 669.0		8.96e3	0.125		5.91						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.43e3		0.125	180.267	5.14	5.15	1430	63.2644	63.3		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.43e3		0.125	180.267	5.14	5.15	1430	63.2644	63.3		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.02e4		0.125	1291.517	5.44	5.45	10200	63.3126	63.3		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.02e4		0.125	1291.517	5.44	5.45	10200	63.3126	63.3		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.96e3		0.125	1166.538	5.91	5.91	8960	61.4427	61.4		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		2.33e3	0.125		5.49						YES
57	42	N-EtFOSA	526.1 > 168.9		3.25e3	0.125		5.93						YES
58	43	PFHxDA	813 > 769		1.00e4	0.125		6.26						YES
59	45	N-MeFOSE	616.1 > 58.9		5.04e3	0.125		6.18						
60	46	N-EtFOSE	630.1 > 58.9		5.61e3	0.125		6.33						
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.33e3		0.125	75.834	5.50	5.50	2330	245.7183	20.6		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.25e3		0.125	118.357	5.95	5.95	3250	219.7449	18.4		
63	93	13C2-PFHxDA-EIS	815 > 769.7	1.00e4		0.125	1727.390	6.26	6.26	10000	46.3823	46.4		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.04e3		0.125	98.401	6.18	6.18	5040	409.7698	34.3		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.61e3		0.125	105.274	6.33	6.33	5610	426.5690	35.7		
66	-1													
67	1...	TDCA	498.3>106.9			0.125		4.73						YES
68	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
69	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
70	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
71	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		
72	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.6840	83.7		

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

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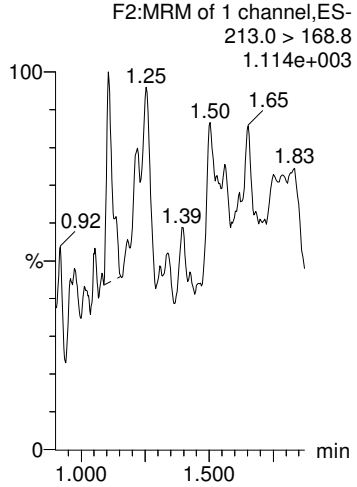

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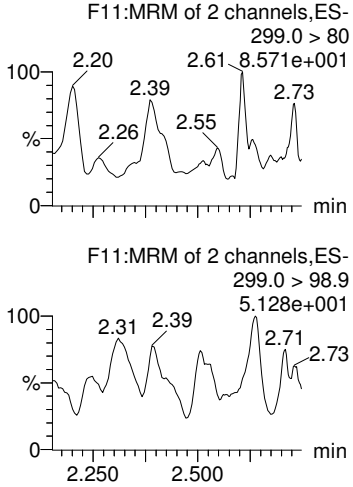
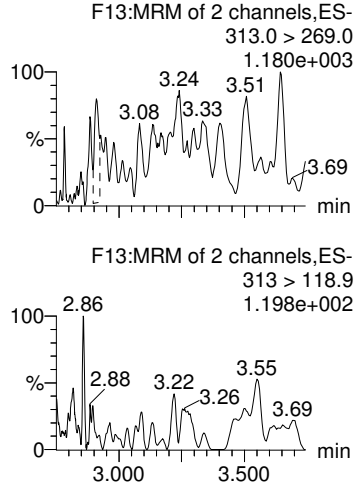
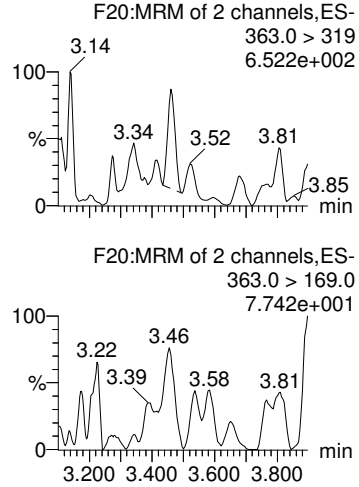


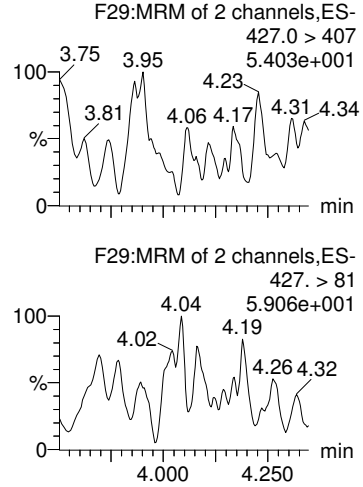
PFHxA



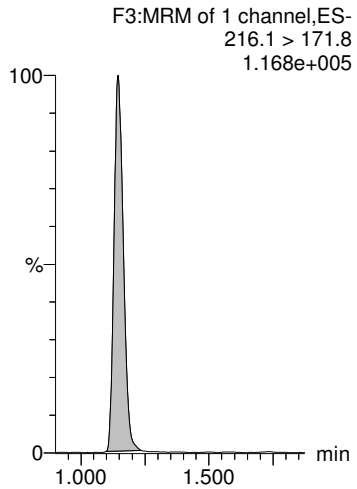
PFHpA



6:2 FTS



13C3-PFBA-EIS



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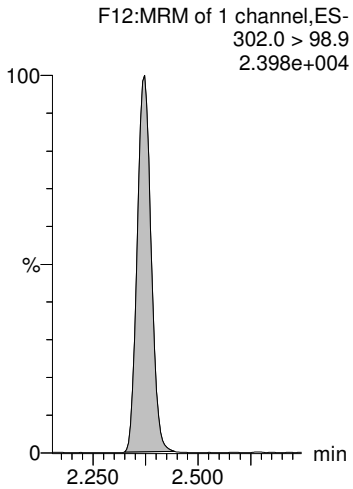

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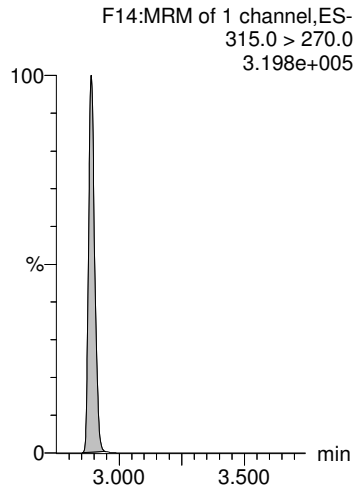

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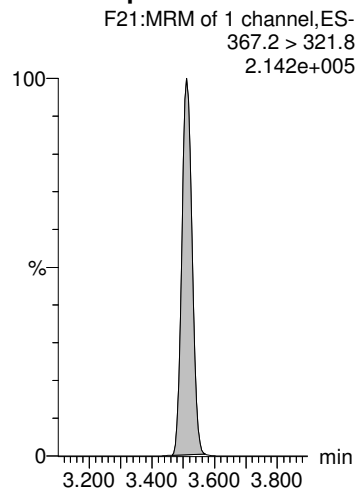
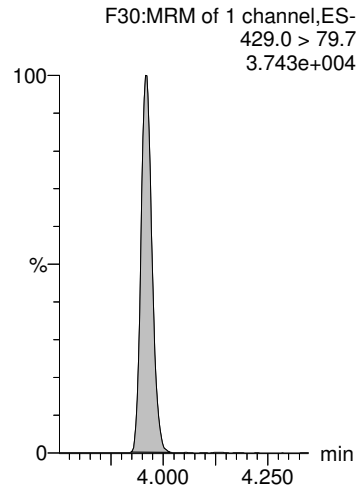


13C2-6:2 FTS-EIS



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Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

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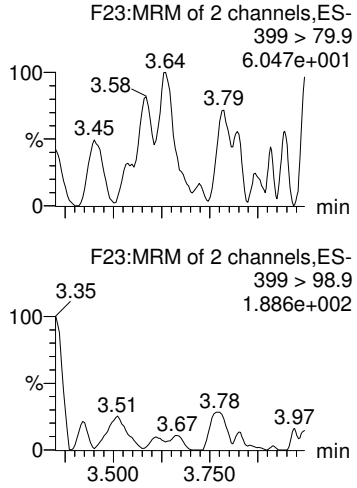
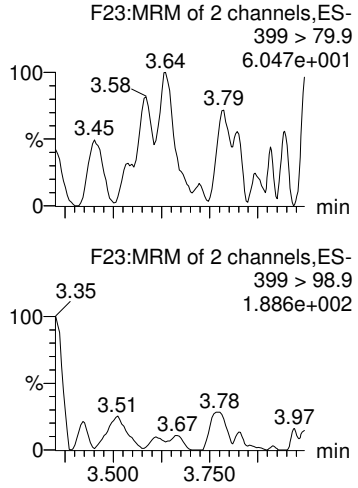


Total PFHxS



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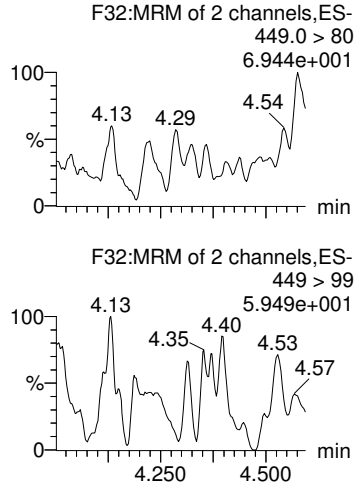

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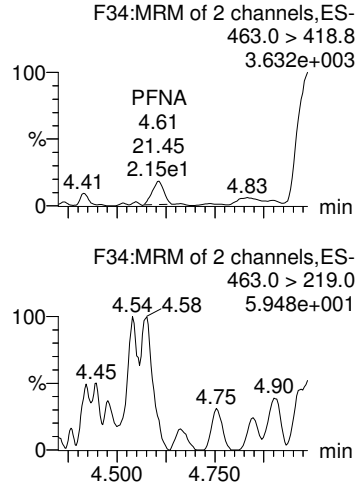
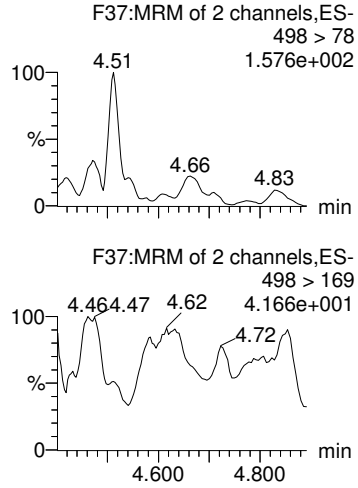


PFOSA



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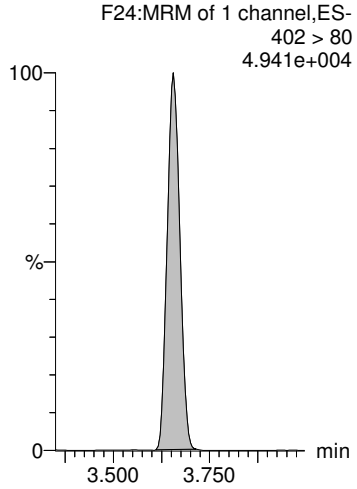

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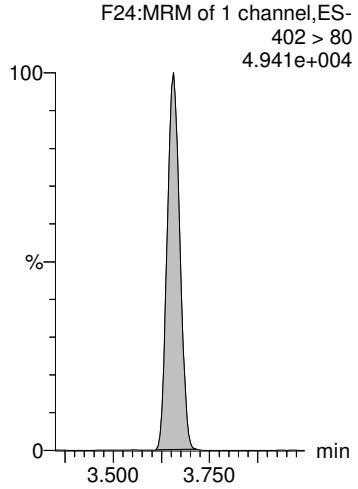

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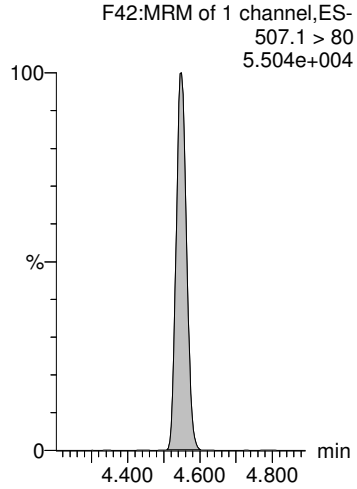
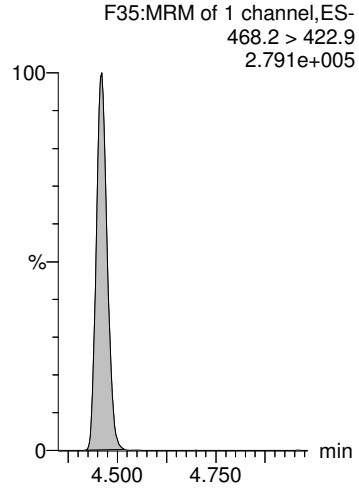


13C5-PFNA-EIS



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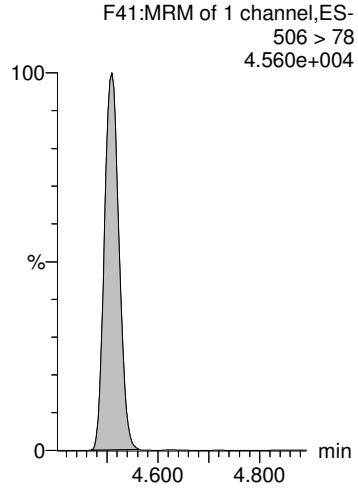

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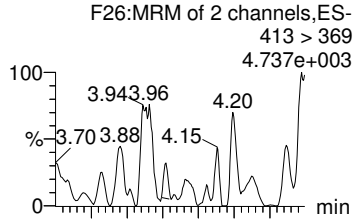
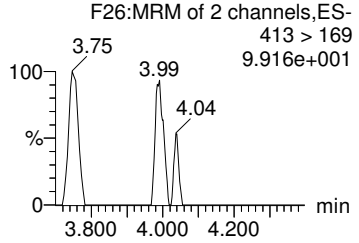
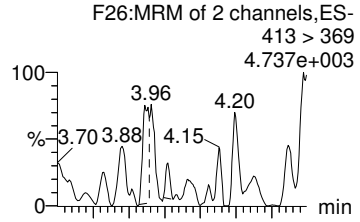
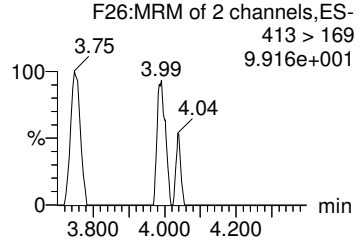
L-PFOA



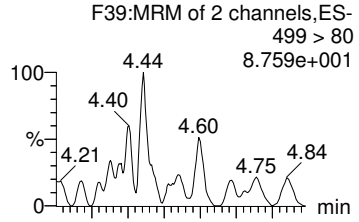


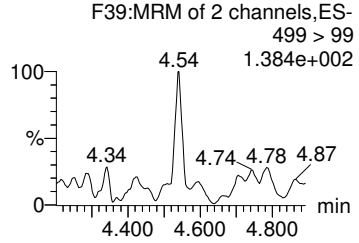
Total PFOA



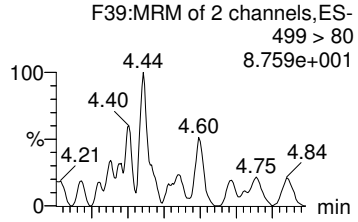


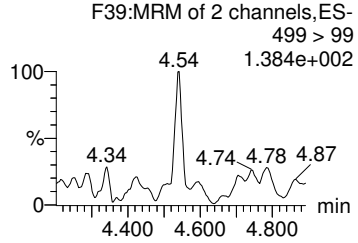
L-PFOS





Total PFOS





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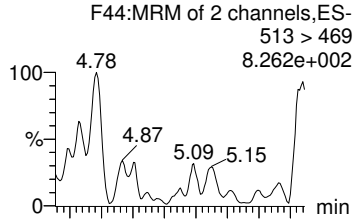

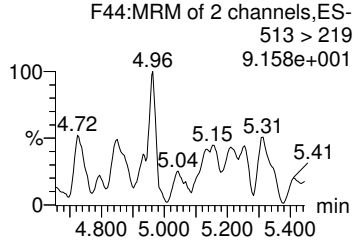

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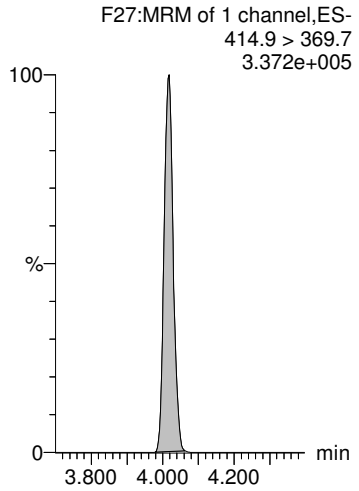

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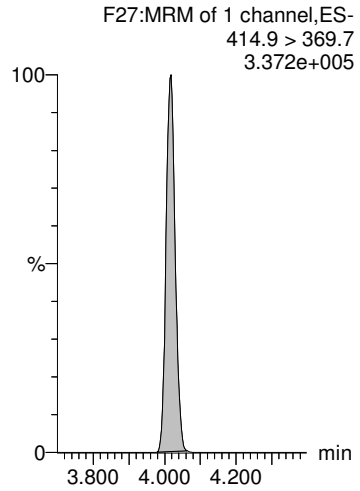

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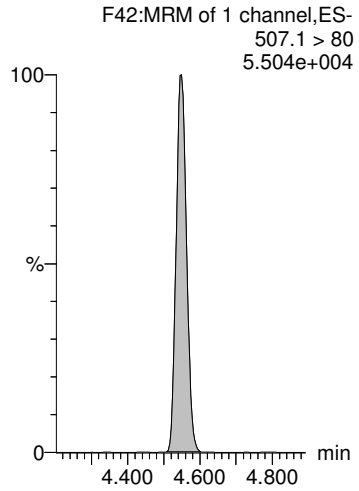

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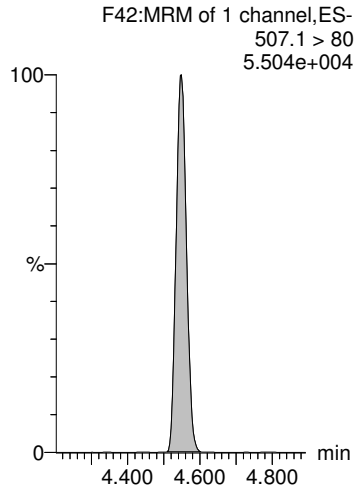

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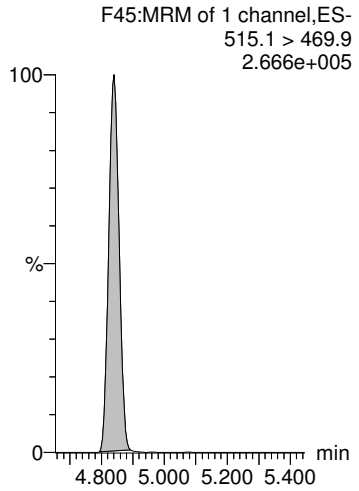

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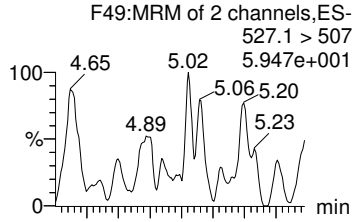
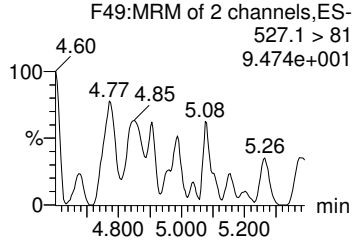
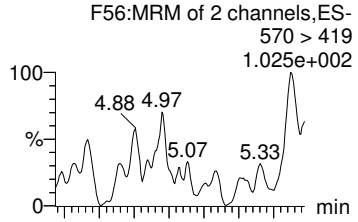
Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

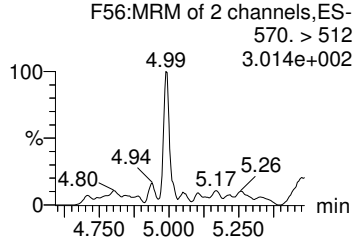
8:2 FTS



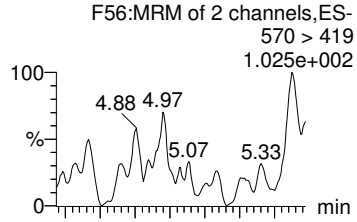


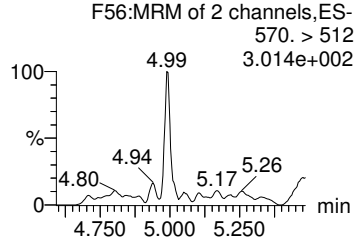
L-MeFOSAA



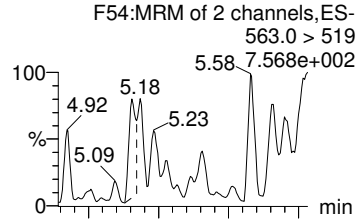


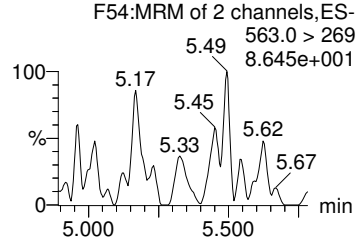
Total N-MeFOSAA



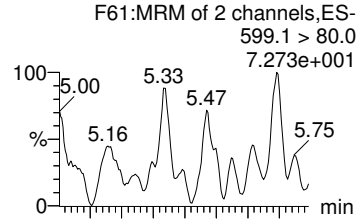


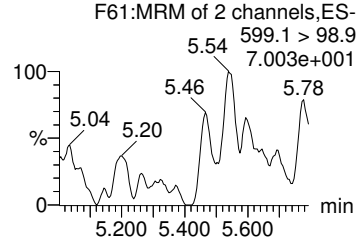
PFUdA



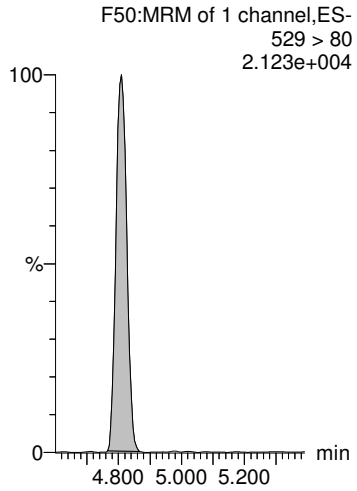


PFDS

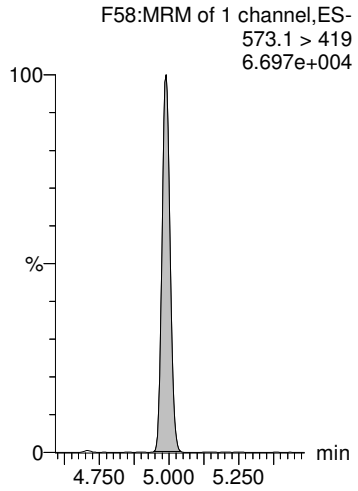




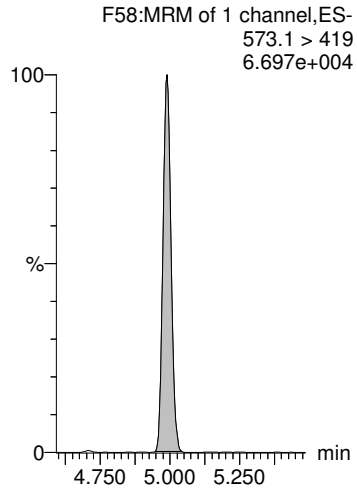
13C2-8:2 FTS-EIS



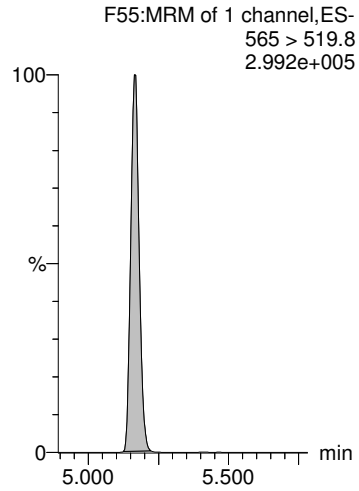
d3-N-MeFOSAA-EIS



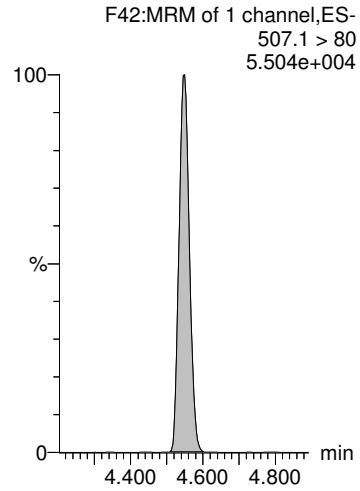
d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



13C8-PFOS-EIS

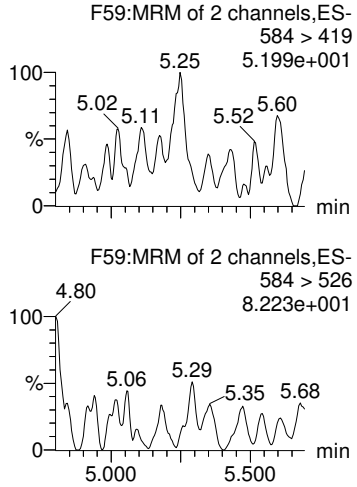


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

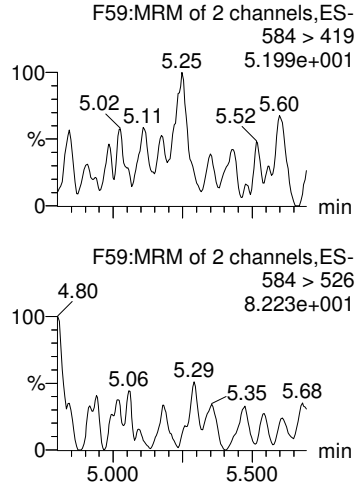
Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:53:33 Pacific Daylight Time

Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

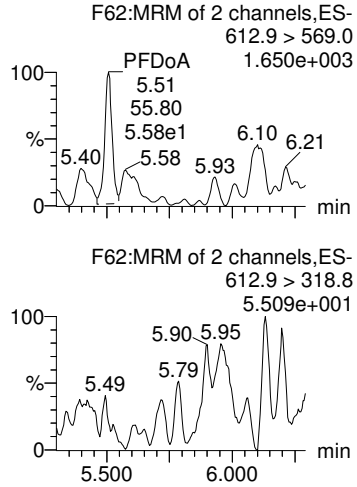
L-EtFOSAA



Total N-EtFOSAA



PFDoA



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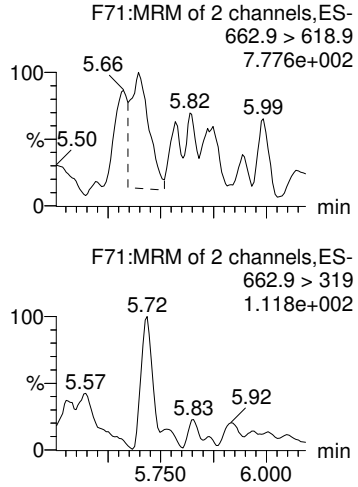

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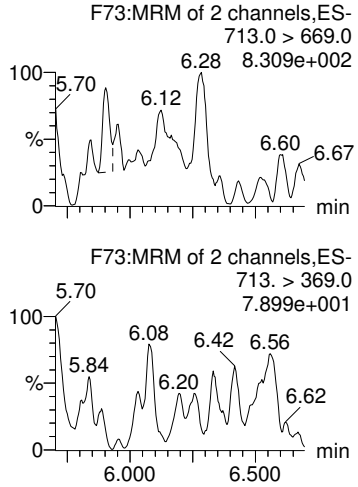
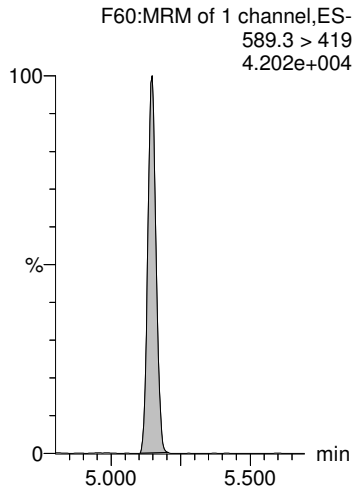


d5-N-EtFOSAA-EIS



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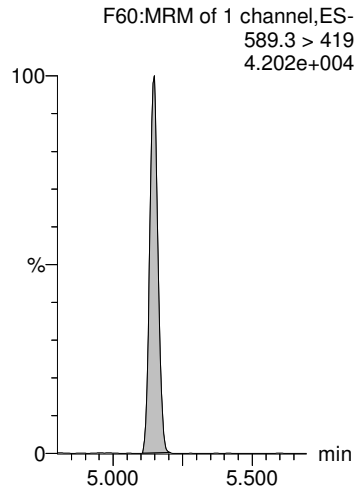
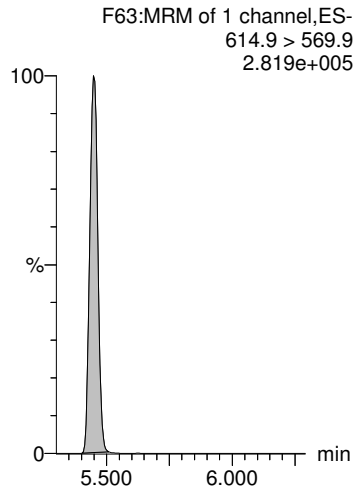
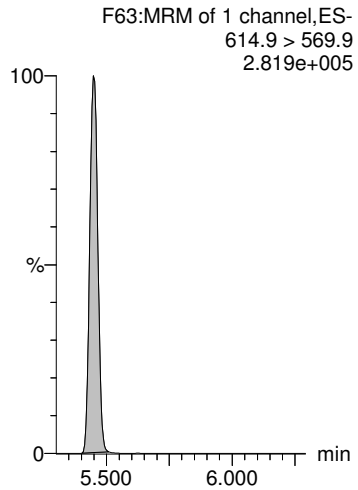


13C2-PFDoA-EIS



13C2-PFDoA-EIS



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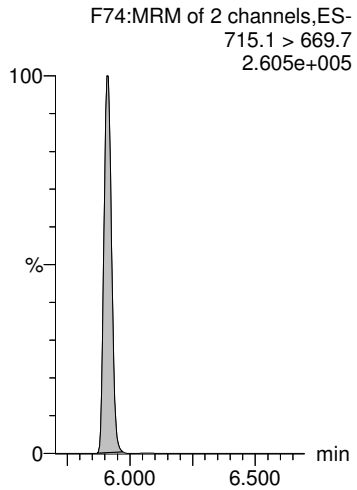
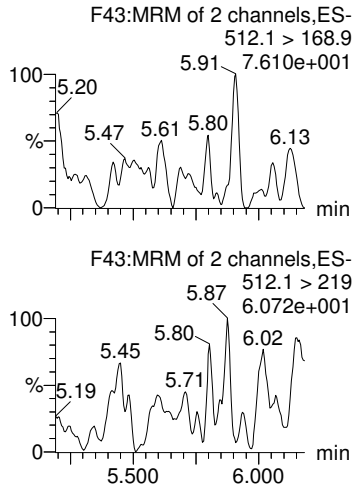


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

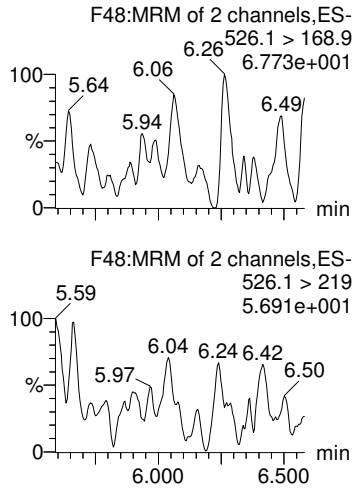
Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:53:33 Pacific Daylight Time

Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

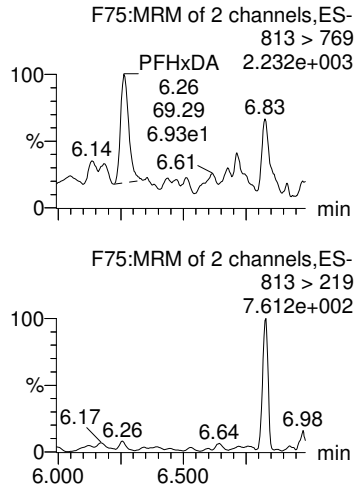
N-MeFOSA



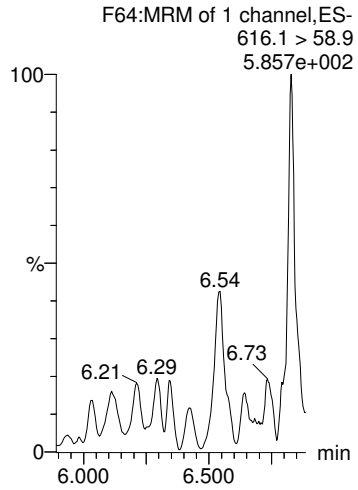
N-EtFOSA



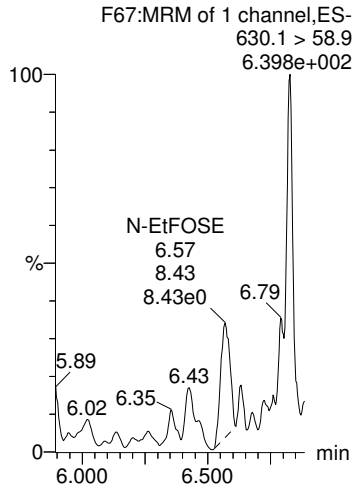
PFHxDA



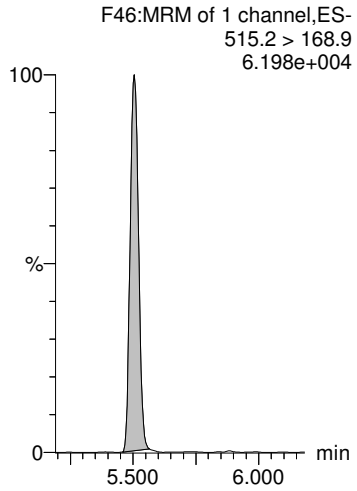
N-MeFOSE



N-EtFOSE



d3-N-MeFOSA-EIS



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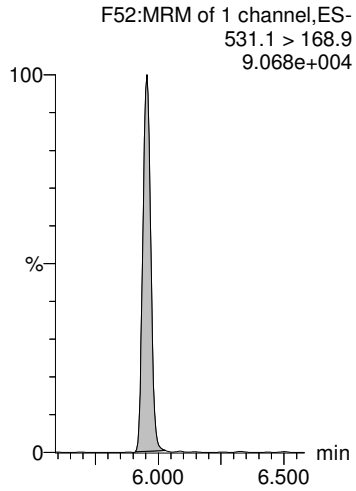

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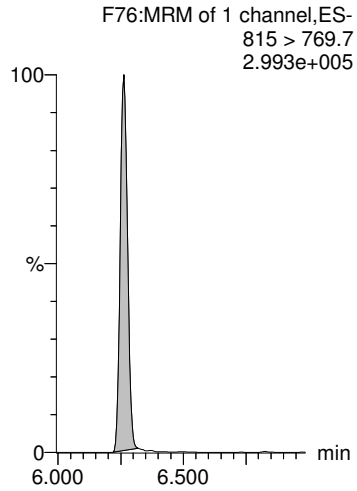

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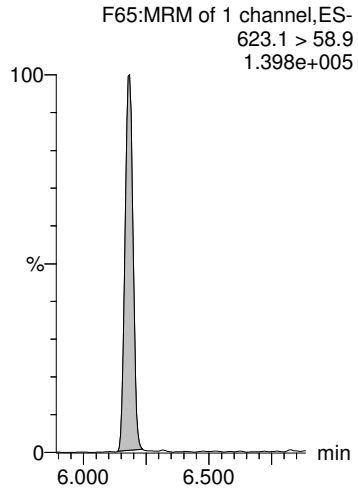
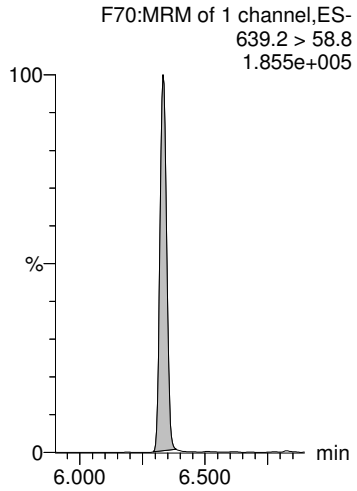


d9-N-EtFOSE-EIS

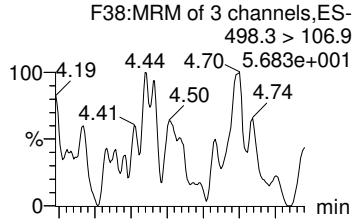


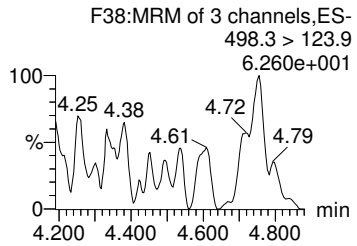
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:53:33 Pacific Daylight Time

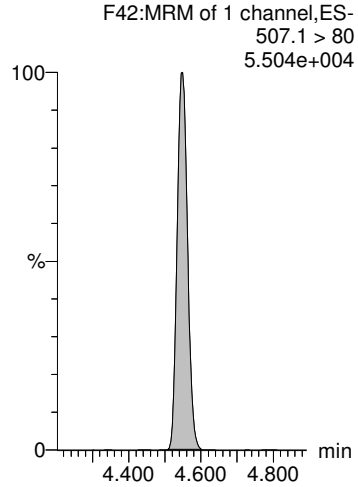
Name: 200608P1-39, Date: 08-Jun-2020, Time: 23:54:59, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

TDCA





13C8-PFOS-EIS



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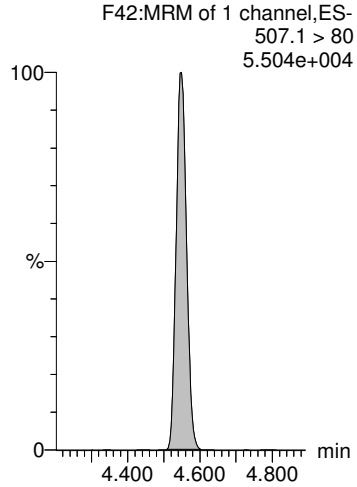

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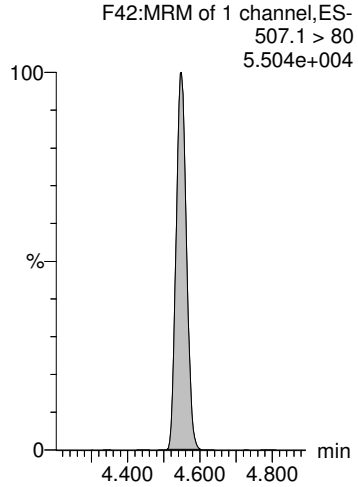

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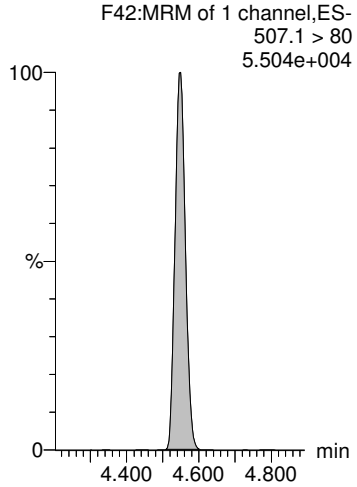

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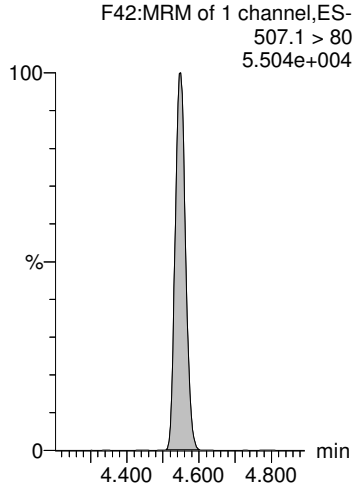


Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:13:56 Pacific Daylight Time

Name: 200609P1-37, Date: 09-Jun-2020, Time: 19:31:48, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9		6.93e3	0.125		2.11						
2	49	13C3-PFPeA-EIS	266.0 > 221.8	6.93e3		0.125	746.767	2.04	2.11	6930	74.2529	74.3		
3	-1													

Vista Analytical Laboratory

OC 6/15/2020

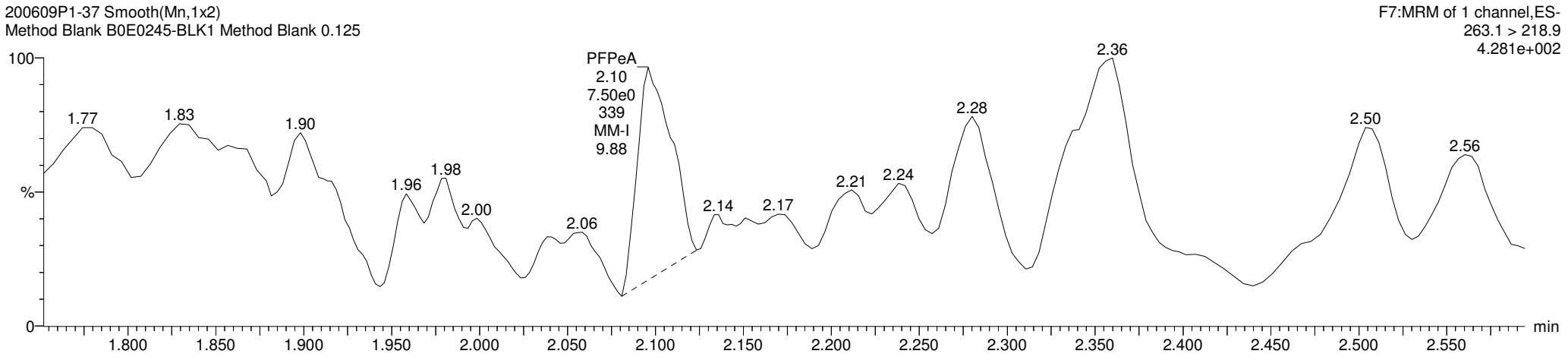
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:13:56 Pacific Daylight Time

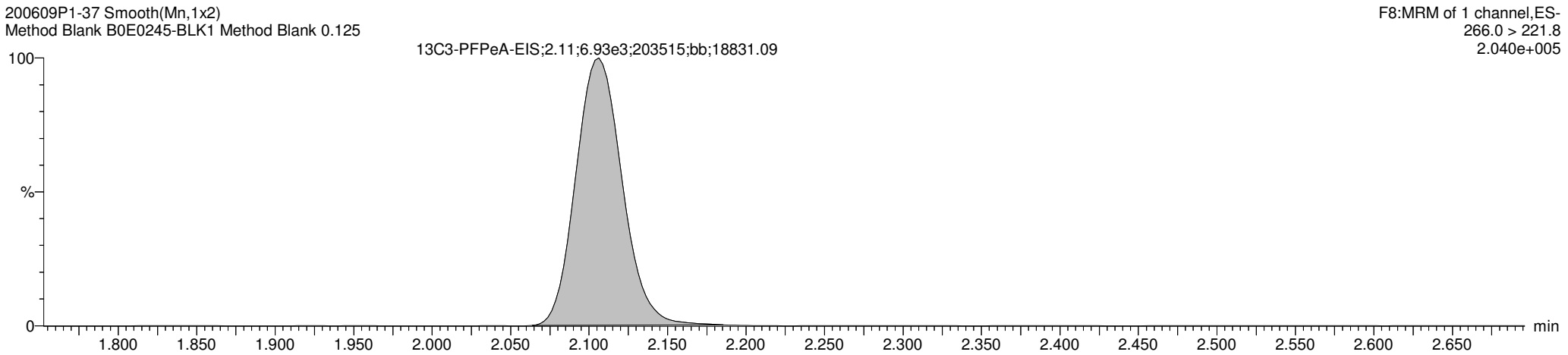
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-37, Date: 09-Jun-2020, Time: 19:31:48, ID: B0E0245-BLK1 Method Blank 0.125, Description: Method Blank

PFPeA



13C3-PFPeA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:55:12 Pacific Daylight Time

Name: 200608P1-40, Date: 09-Jun-2020, Time: 00:05:30, ID: B0E0245-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4.04e3	5.01e3	0.125		1.15	1.15	10.1	79.2257	99.0		
2	5	PFBS	299.0 > 80	1.84e3	9.07e2	0.125		2.37	2.38	25.3	81.1710	101.5	2.44	NO
3	7	PFHxA	313.0 > 269.0	7.47e3	9.28e3	0.125		2.89	2.89	10.1	81.2193	101.5	17.0	NO
4	11	PFHpA	363.0 > 319	8.41e3	8.10e3	0.125		3.51	3.52	13.0	81.4999	101.9	62.9	NO
5	15	6:2 FTS	427.0 > 407	1.09e3	1.14e3	0.125		3.96	3.96	12.0	75.2949	94.1	0.803	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	5.01e3		0.125	328.442	1.37	1.15	5010	121.9102	121.9		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.07e2		0.125	84.154	2.29	2.37	907	86.2693	86.3		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	9.28e3		0.125	881.695	3.04	2.89	9280	84.2014	84.2		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	8.10e3		0.125	800.216	3.50	3.51	8100	80.9339	80.9		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.14e3		0.125	110.222	4.07	3.96	1140	82.4893	82.5		
11	-1													
12	13	L-PFHxS	399 > 79.9	1.56e3	2.05e3	0.125		3.66	3.66	9.49	72.9278	91.2	3.28	NO
13	1...	Total PFHxS	399 > 79.9	1.56e3	2.05e3	0.125		3.93		9.49	72.9278			
14	19	PFHpS	449.0 > 80	1.43e3	1.81e3	0.125		4.17	4.13	9.85	85.3135	106.6	1.82	NO
15	21	PFNA	463.0 > 418.8	8.71e3	8.88e3	0.125		4.46	4.46	12.3	85.4163	106.8	13.2	NO
16	22	PFOSA	498 > 78	9.55e2	1.73e3	0.125		4.51	4.51	6.90	85.3301	106.7	19.7	NO
17	61	13C3-PFHxS-EIS	402 > 80	2.05e3		0.125	173.420	3.88	3.66	2050	94.7763	94.8		
18	61	13C3-PFHxS-EIS	402 > 80	2.05e3		0.125	173.420	3.88	3.66	2050	94.7763	94.8		
19	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
20	65	13C5-PFNA-EIS	468.2 > 422.9	8.88e3		0.125	880.063	4.70	4.46	8880	80.7236	80.7		
21	67	13C8-PFOSA-EIS	506 > 78	1.73e3		0.125	278.373	4.68	4.51	1730	49.6894	49.7		
22	-1													
23	16	L-PFOA	413 > 369	7.82e3	1.01e4	0.125		4.02	4.01	9.70	81.9713	102.5	3.23	NO
24	1...	Total PFOA	413 > 369	7.82e3	1.01e4	0.125		4.60		9.70	81.9713			
25	23	L-PFOS	499 > 80	1.71e3	1.81e3	0.125		4.55	4.55	11.8	77.9075	97.4	2.61	NO
26	1...	Total PFOS	499> 80	1.71e3	1.81e3	0.125		4.60		11.8	77.9075			
27	26	PFDA	513 > 469	7.91e3	1.07e4	0.125		4.84	4.84	9.25	81.2498	101.6	6.25	YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.01e4		0.125	1040.374	4.19	4.02	10100	77.5659	77.6		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.01e4		0.125	1040.374	4.19	4.02	10100	77.5659	77.6		
30	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
31	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.07e4		0.125	1046.803	4.83	4.84	10700	81.6754	81.7		
33	-1													
34	27	8:2 FTS	527.1 > 507	6.29e2	1.08e3	0.125		4.81	4.81	7.27	67.7110	84.6	0.553	NO
35	29	L-MeFOSAA	570 > 419	2.23e3	2.37e3	0.125		4.99	4.99	11.7	76.8443	96.1	1.94	NO
36	1...	Total N-MeFOSAA	570. > 419	2.23e3	2.37e3	0.125		5.19		11.7	76.8443			

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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Name: 200608P1-40, Date: 09-Jun-2020, Time: 00:05:30, ID: B0E0245-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519	8.56e3	1.05e4	0.125		5.17	5.17	10.2	83.8599	104.8	19.5	NO
38	34	PFDS	599.1 > 80.0	1.34e3	1.81e3	0.125		5.15	5.21	9.27	74.0386	92.5	2.80	YES
39	75	13C2-8:2 FTS-EIS	529 > 80	1.08e3		0.125	105.584	4.97	4.81	1080	81.8576	81.9		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.37e3		0.125	265.439	4.98	4.99	2370	71.5113	71.5		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.37e3		0.125	265.439	4.98	4.99	2370	71.5113	71.5		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.05e4		0.125	1152.628	5.16	5.17	10500	72.6928	72.7		
43	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
44	-1													
45	31	L-EtFOSAA	584 > 419	2.52e3	1.44e3	0.125		5.15	5.15	21.8	78.6705	98.3	1.33	NO
46	1...	Total N-EtFOSAA	584 > 419	2.52e3	1.44e3	0.125		5.37		21.8	78.6705			
47	37	PFDoA	612.9 > 569.0	7.70e3	1.10e4	0.125		5.45	5.45	8.74	79.5981	99.5	11.0	NO
48	39	PFTrDA	662.9 > 618.9	7.85e3	1.10e4	0.125		5.70	5.70	8.91	77.2362	96.5	99.7	NO
49	41	PFTeDA	713.0 > 669.0	4.40e3	8.05e3	0.125		5.91	5.91	6.83	83.8248	104.8	15.5	YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.44e3		0.125	180.267	5.14	5.15	1440	63.9795	64.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.44e3		0.125	180.267	5.14	5.15	1440	63.9795	64.0		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.10e4		0.125	1291.517	5.44	5.45	11000	68.1958	68.2		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.10e4		0.125	1291.517	5.44	5.45	11000	68.1958	68.2		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.05e3		0.125	1166.538	5.91	5.91	8050	55.1939	55.2		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9	1.22e3	2.92e3	0.125		5.49	5.48	62.7	431.1790	107.8	2.09	NO
57	42	N-EtFOSA	526.1 > 168.9	1.61e3	4.31e3	0.125		5.93	5.94	55.8	407.2767	101.8	2.19	NO
58	43	PFHxDA	813 > 769	2.85e3	4.54e3	0.125		6.27	6.27	7.84	75.0347	93.8	29.5	NO
59	45	N-MeFOSE	616.1 > 58.9	2.30e3	6.20e3	0.125		6.18	6.19	55.3	397.4182	99.4		
60	46	N-EtFOSE	630.1 > 58.9	2.53e3	7.12e3	0.125		6.33	6.35	53.0	381.4466	95.4		
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.92e3		0.125	75.834	5.50	5.50	2920	307.6080	25.8		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.31e3		0.125	118.357	5.95	5.95	4310	291.1819	24.4		
63	93	13C2-PFHxDA-EIS	815 > 769.7	4.54e3		0.125	1727.390	6.26	6.27	4540	21.0131	21.0		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.20e3		0.125	98.401	6.18	6.18	6200	503.8880	42.2		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.12e3		0.125	105.274	6.33	6.33	7120	541.4294	45.4		
66	-1													
67	1...	TDCA	498.3>106.9			0.125		4.73						YES
68	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
69	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
70	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
71	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		
72	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.125	173.038	4.76	4.55	1810	83.7298	83.7		

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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-40, Date: 09-Jun-2020, Time: 00:05:30, ID: B0E0245-BS1 OPR 0.125, Description: OPR

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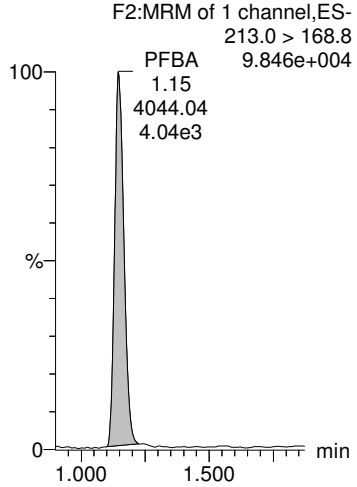

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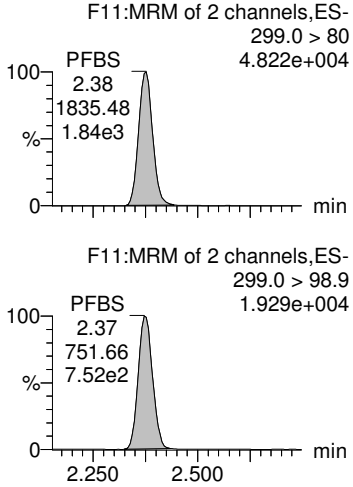

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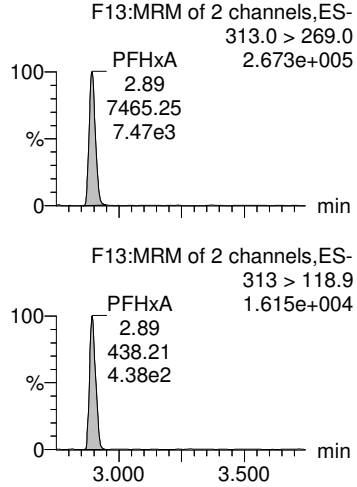

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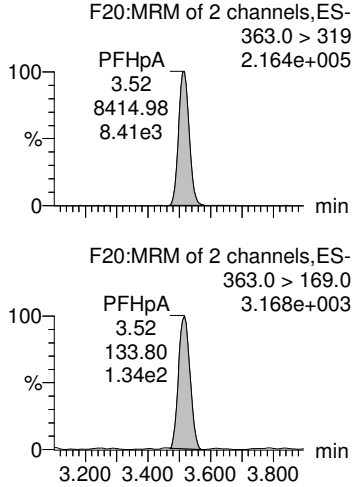

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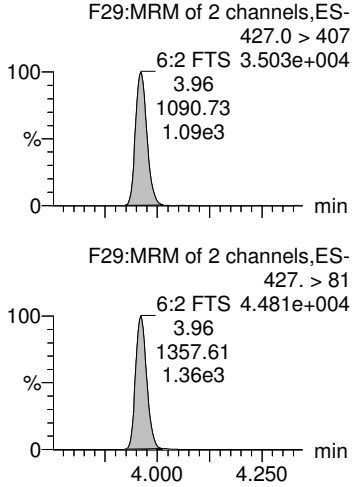

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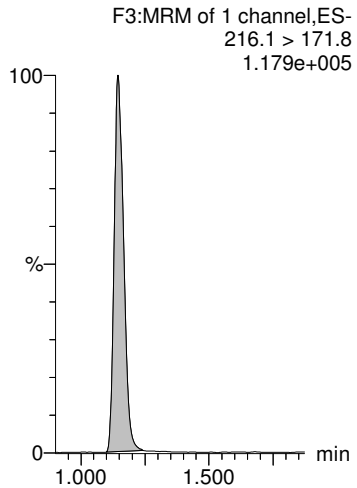

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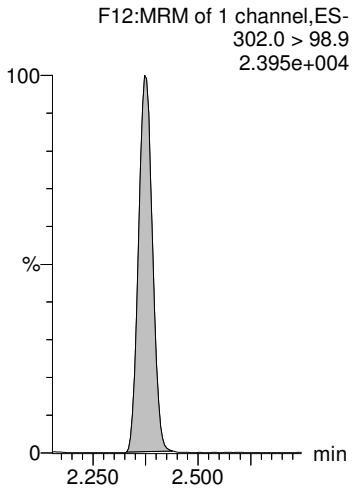

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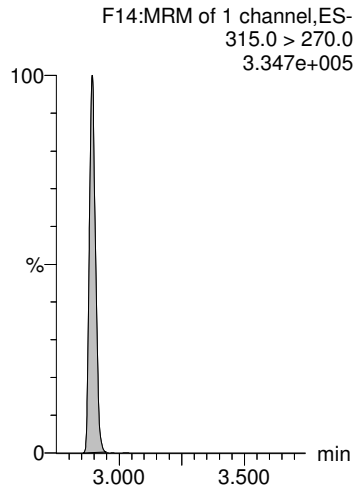

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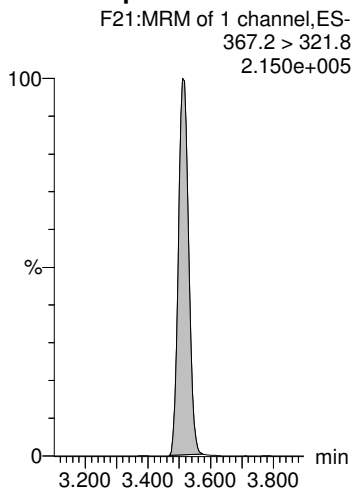

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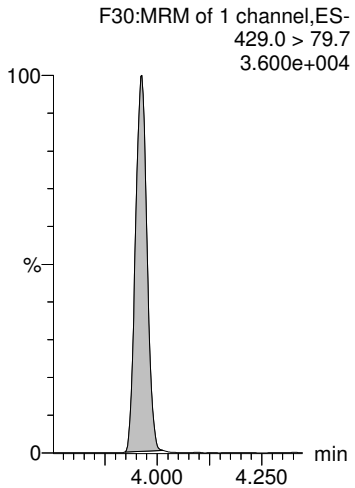

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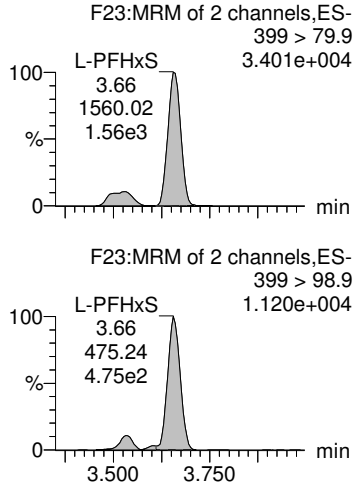
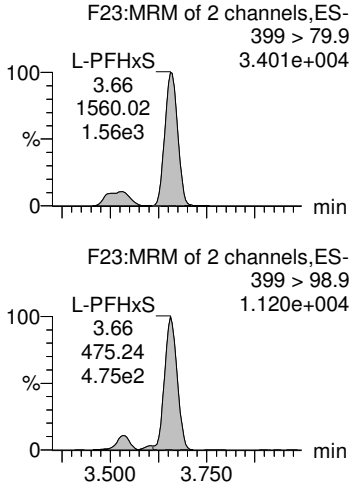
Name: 200608P1-40, Date: 09-Jun-2020, Time: 00:05:30, ID: B0E0245-BS1 OPR 0.125, Description: OPR

L-PFHxS



Total PFHxS



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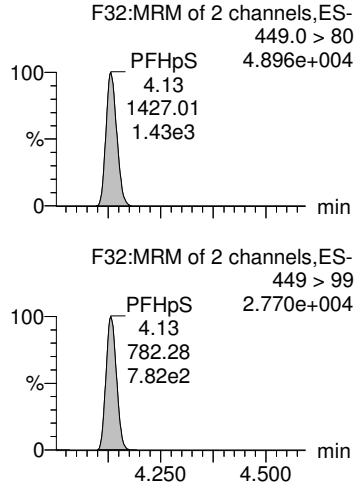

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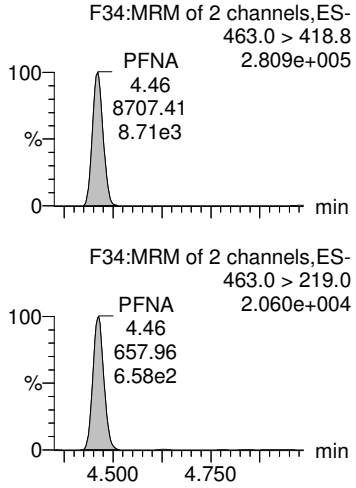
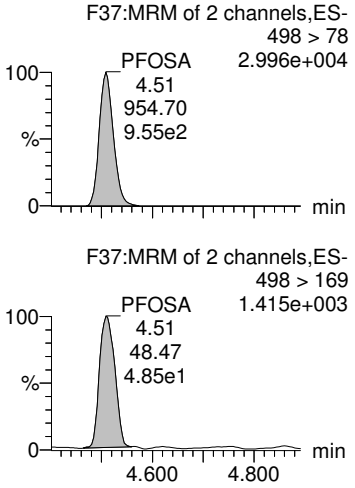


PFOSA



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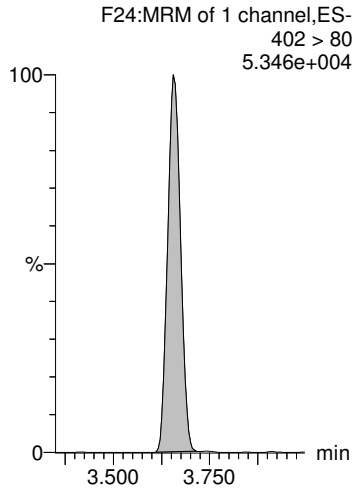

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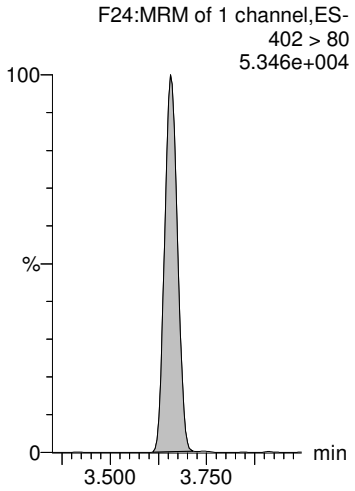
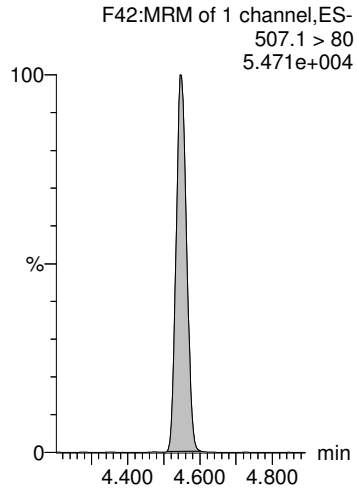


13C8-PFOS-EIS



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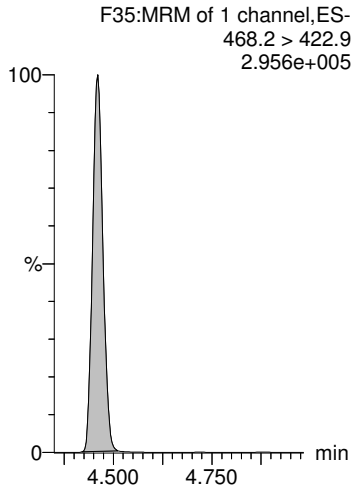

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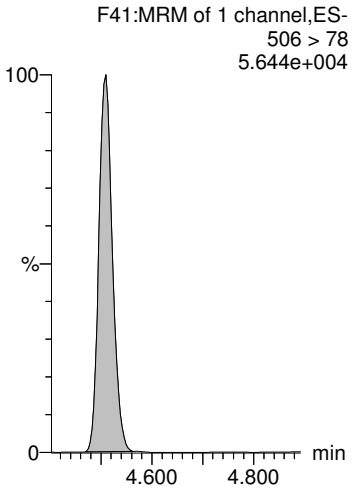

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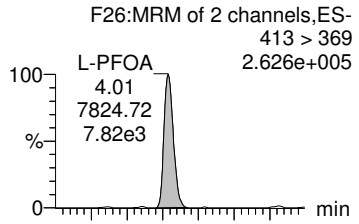
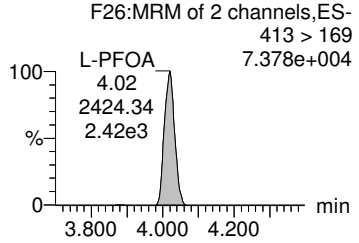
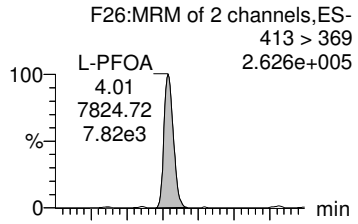
Name: 200608P1-40, Date: 09-Jun-2020, Time: 00:05:30, ID: B0E0245-BS1 OPR 0.125, Description: OPR

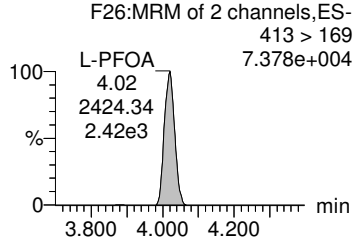
L-PFOA



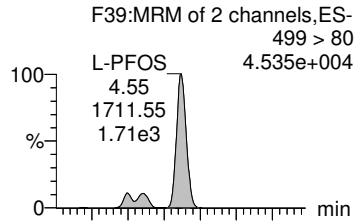


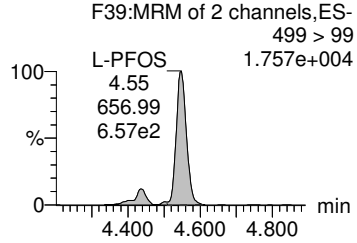
Total PFOA



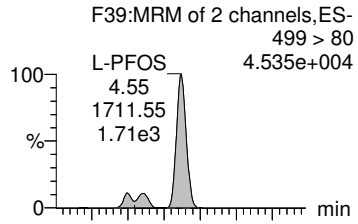


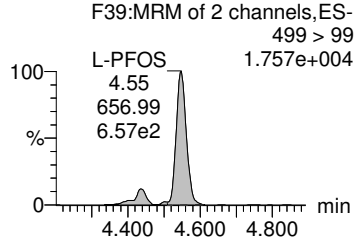
L-PFOS





Total PFOS





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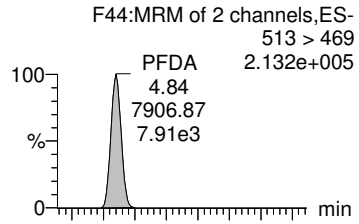
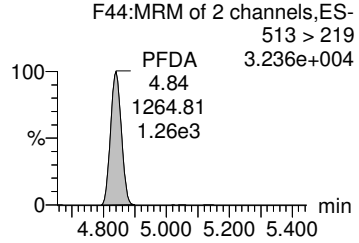
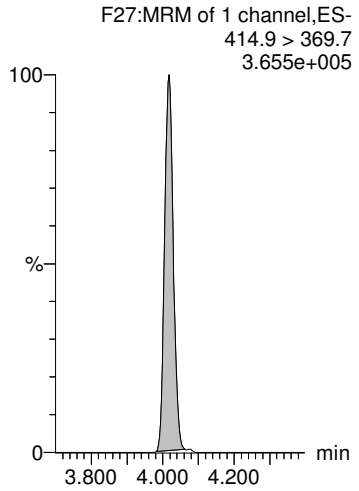




13C2-PFOA-EIS



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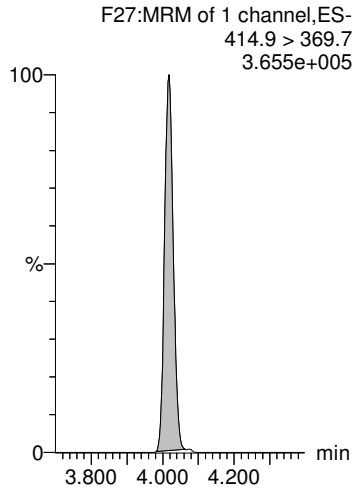

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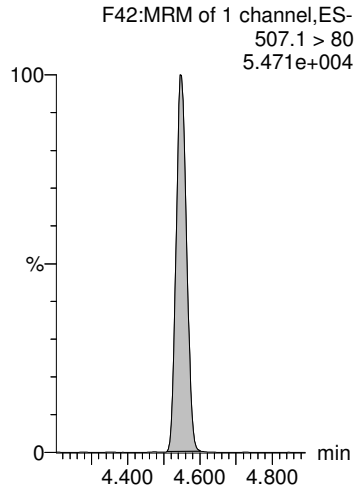

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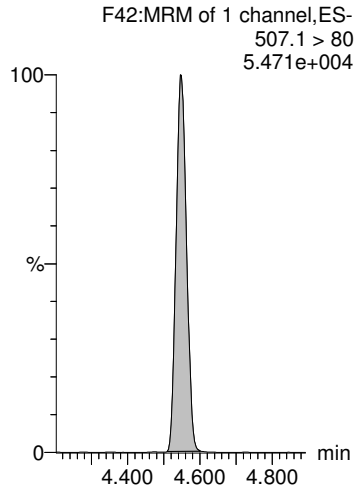

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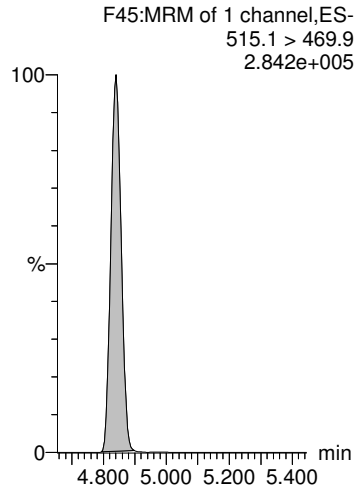

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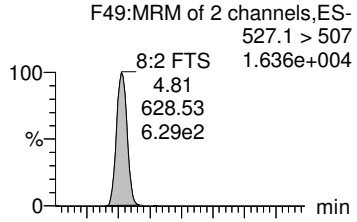
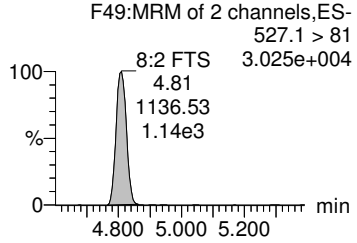
8:2 FTS





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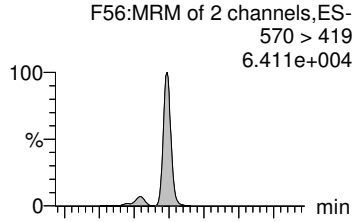

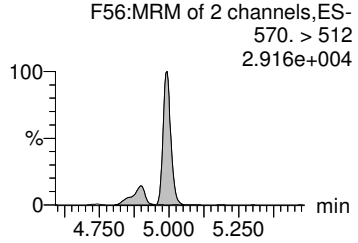

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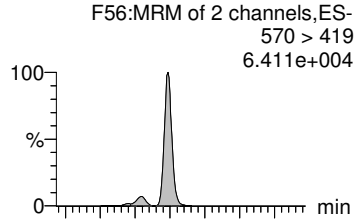

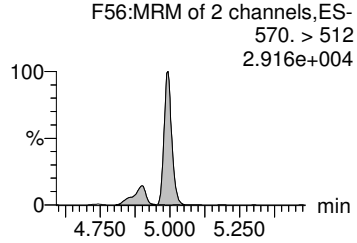

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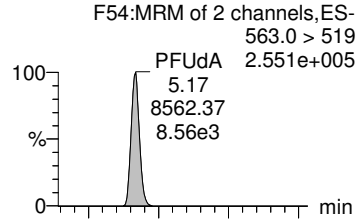

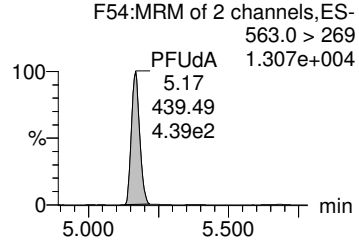

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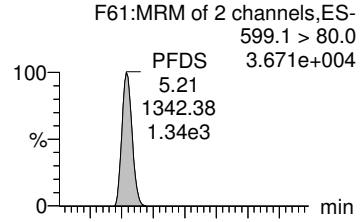
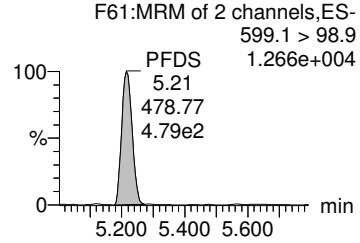
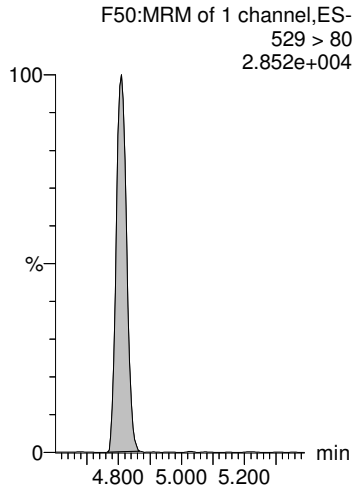




13C2-8:2 FTS-EIS



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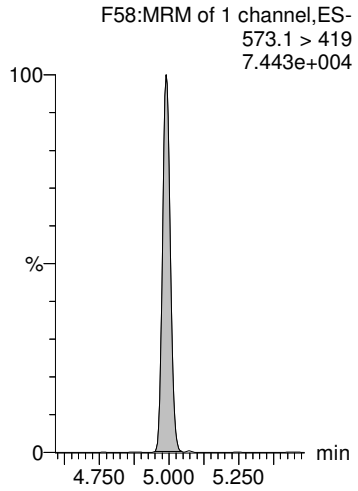

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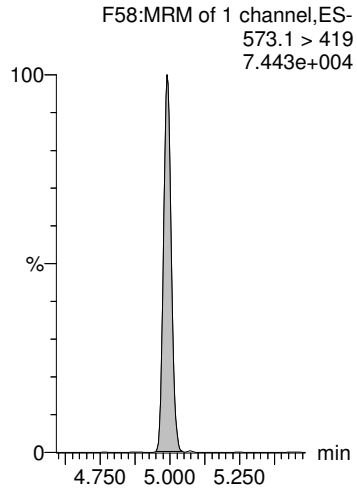

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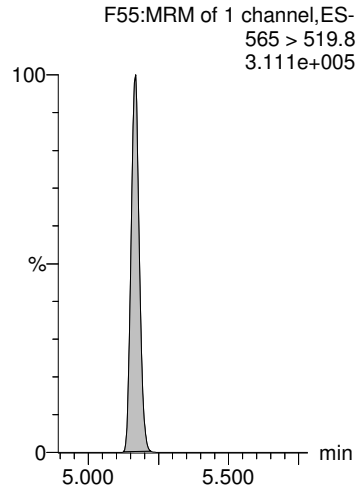

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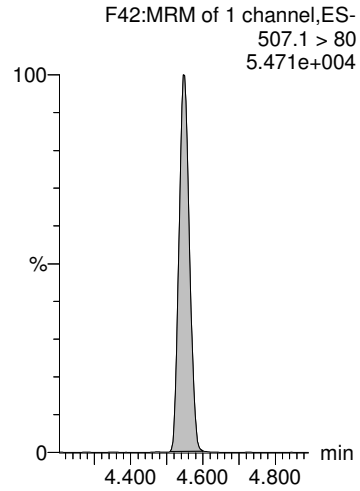

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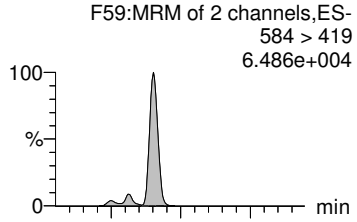

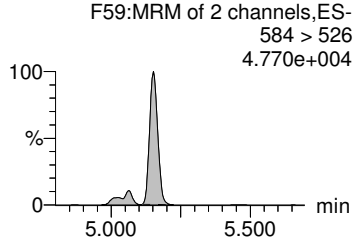

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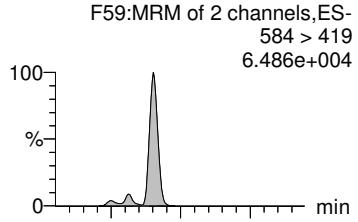

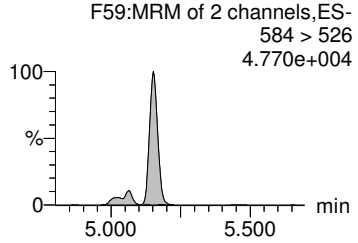

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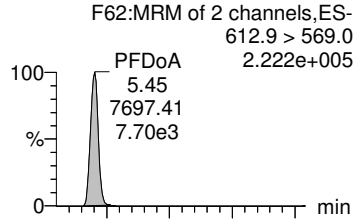

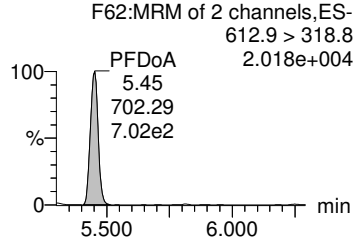

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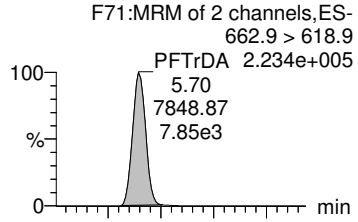

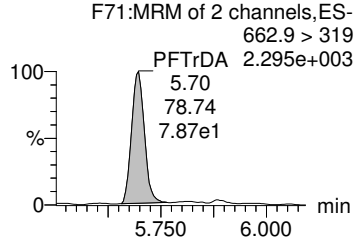

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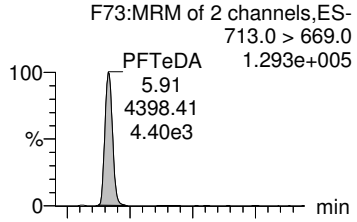

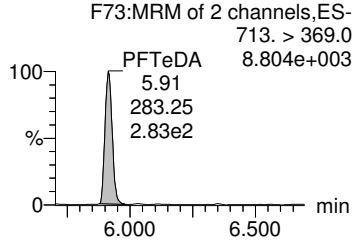

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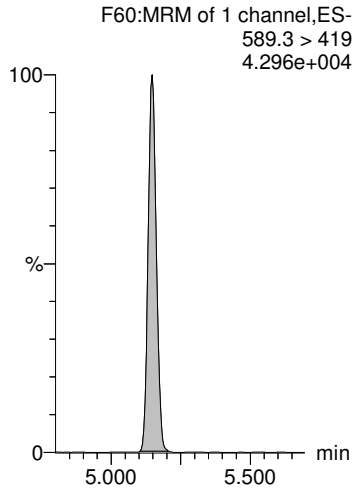

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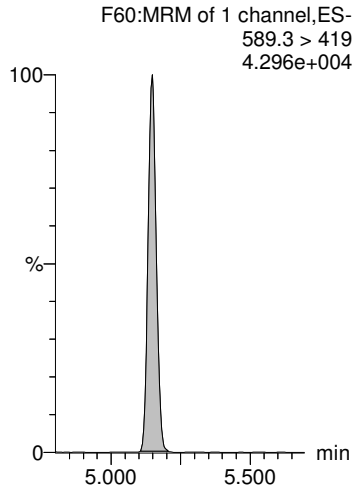

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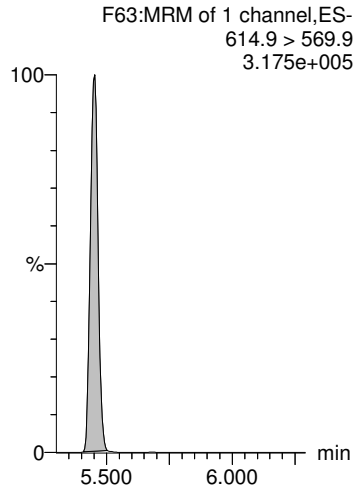

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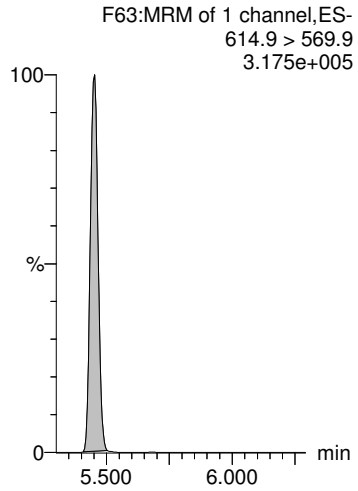

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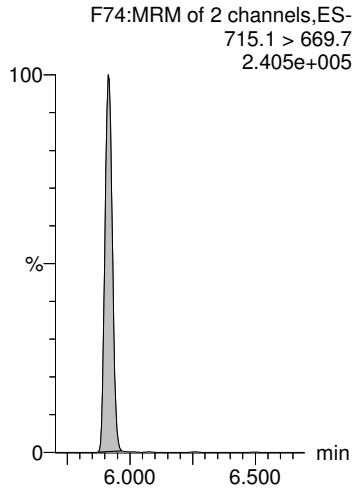

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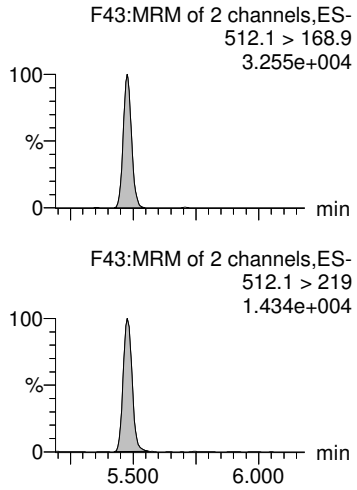
N-MeFOSA



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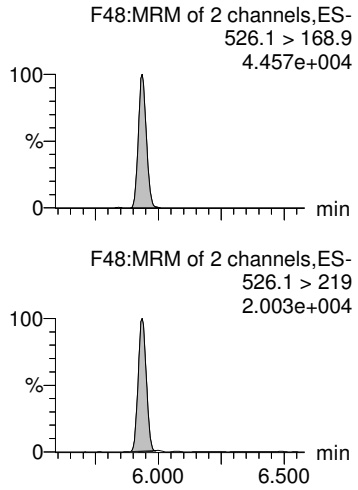

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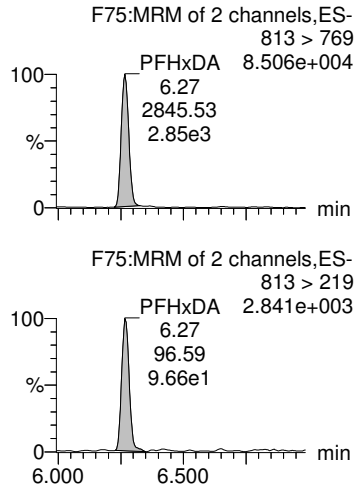

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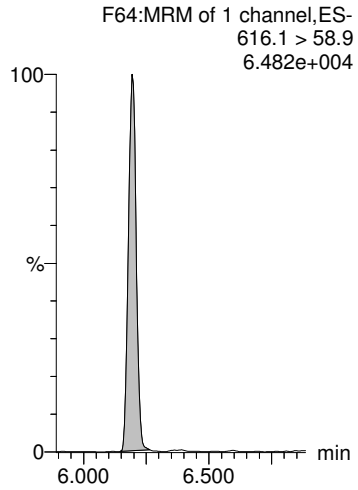

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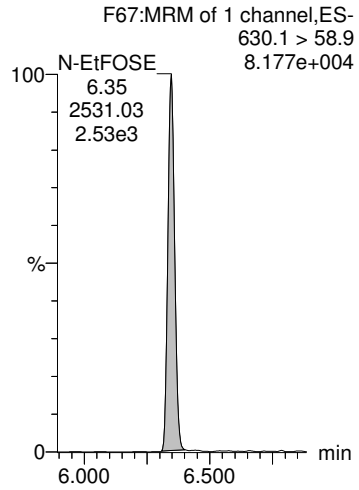

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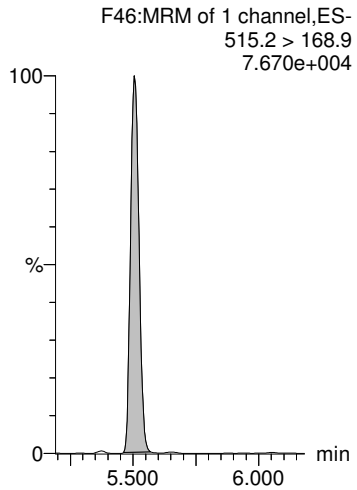

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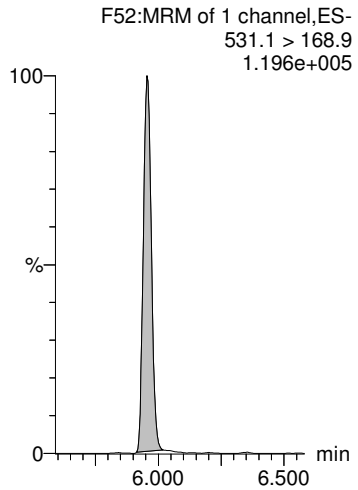
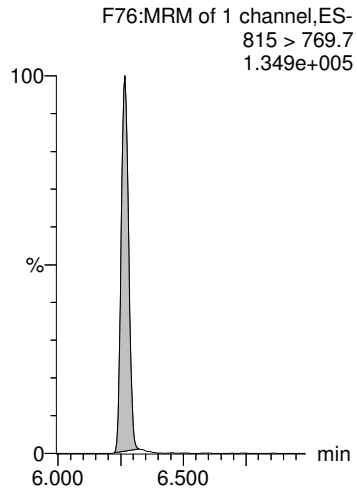


13C2-PFHxDA-EIS



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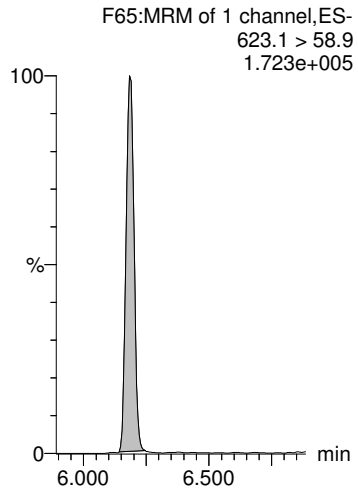

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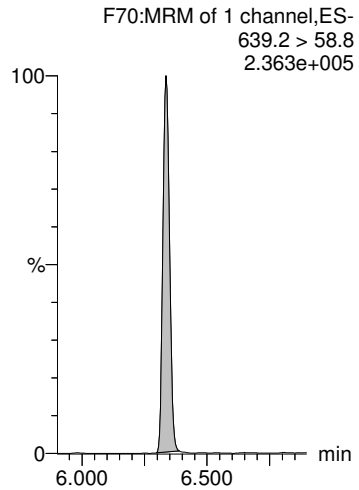

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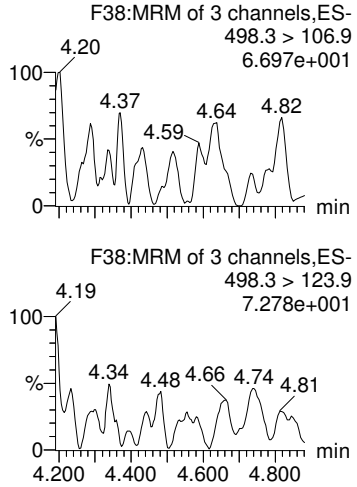
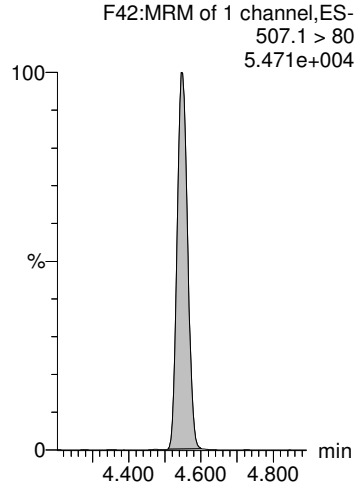
TDCA



13C8-PFOS-EIS



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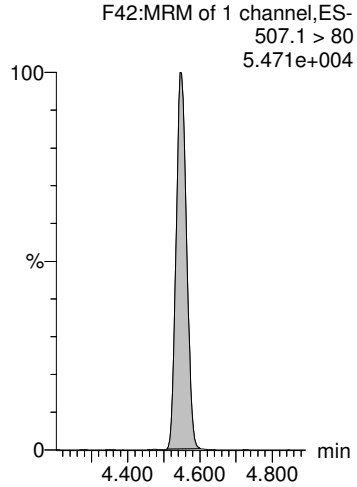

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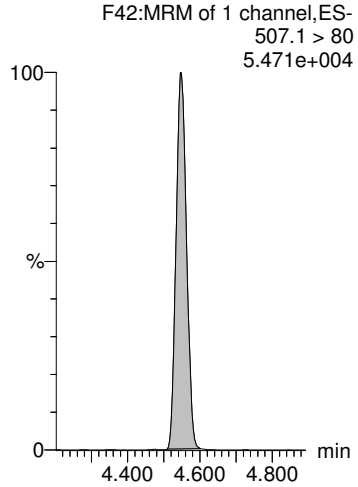

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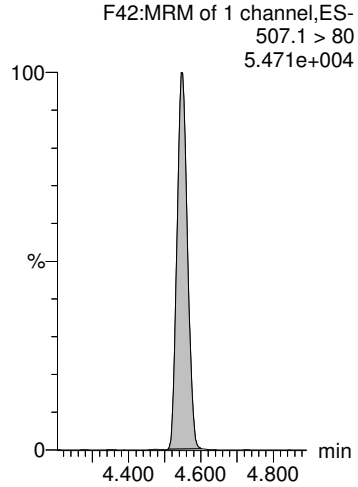
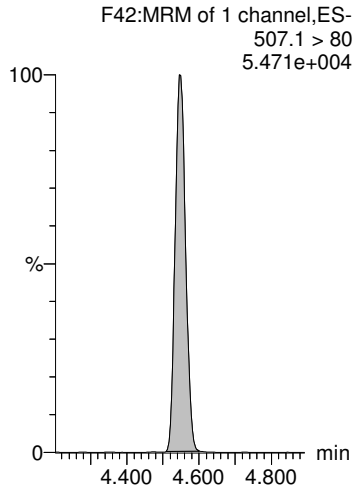


13C8-PFOS-EIS



Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:14:41 Pacific Daylight Time

Name: 200609P1-38, Date: 09-Jun-2020, Time: 19:42:20, ID: B0E0245-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9	5.15e3	7.05e3	0.125		2.10	2.11	9.12	82.8197	103.5		
2	49	13C3-PFPeA-EIS	266.0 > 221.8	7.05e3		0.125	746.767	2.04	2.10	7050	75.5606	75.6		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:14:41 Pacific Daylight Time

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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

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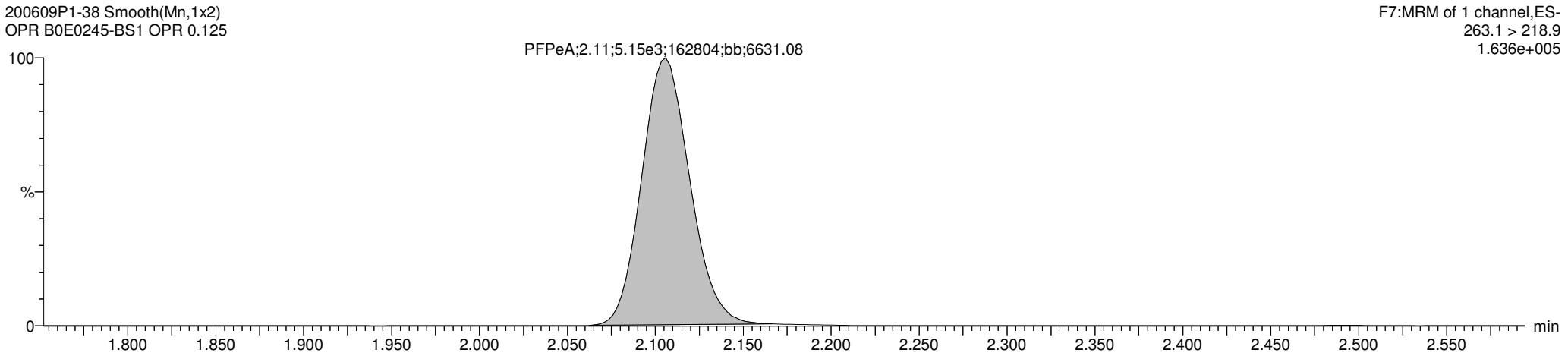
PFPeA



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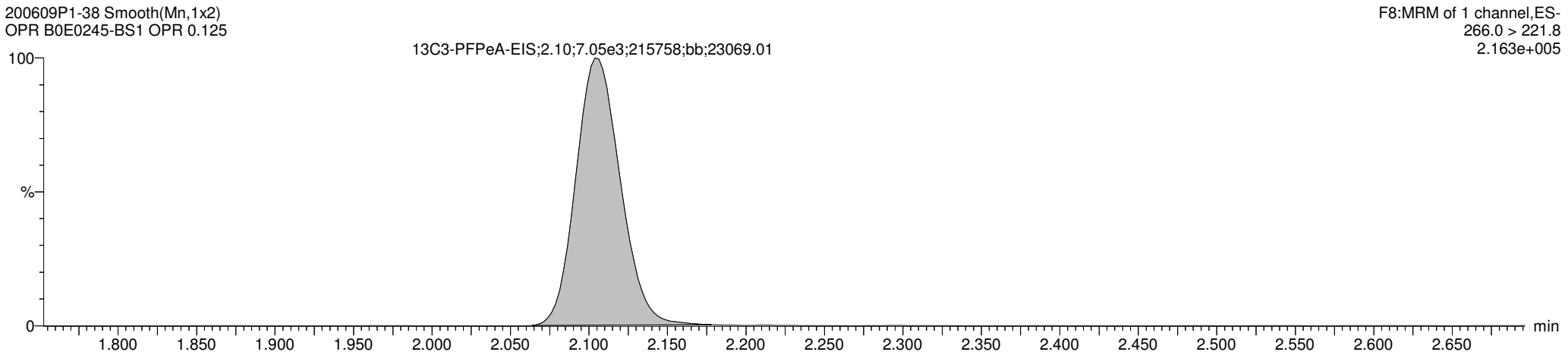

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-63-65.qld

Last Altered: Monday, June 15, 2020 08:53:37 Pacific Daylight Time
Printed: Monday, June 15, 2020 16:29:33 Pacific Daylight Time

Name: 200612P1-63, Date: 12-Jun-2020, Time: 20:08:54, ID: B0F0077-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	43	PFHxDA	813 > 769		1.29e4	0.125		6.29						YES
2	93	13C2-PFHxDA-EIS	815 > 769.7	1.29e4		0.125	1697.595	6.27	6.29	12900	60.9277	60.9		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-63-65.qld

Last Altered: Monday, June 15, 2020 08:53:37 Pacific Daylight Time
Printed: Monday, June 15, 2020 16:29:33 Pacific Daylight Time

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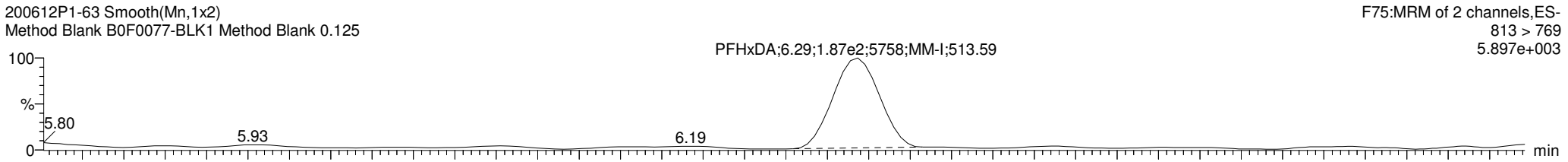
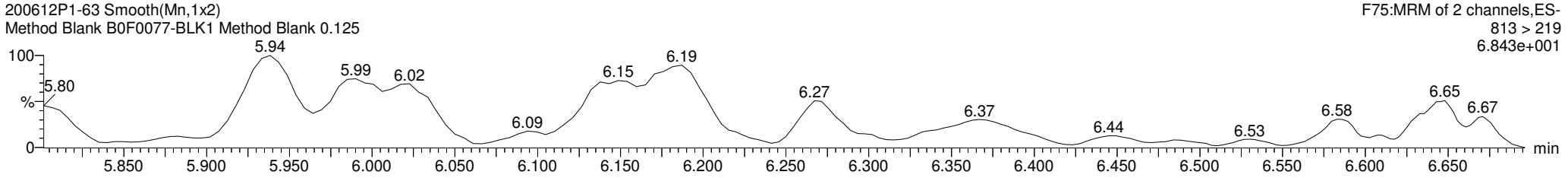
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

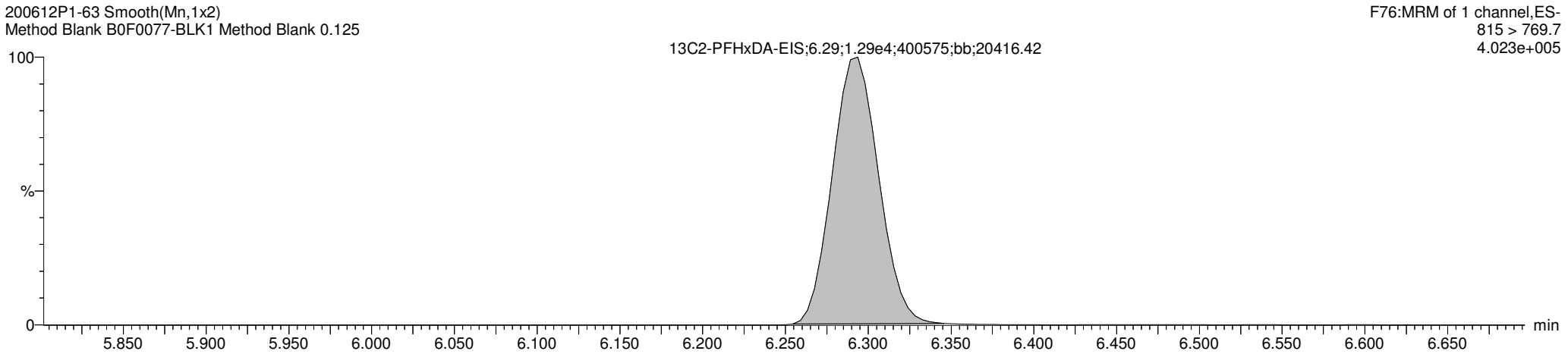
Name: 200612P1-63, Date: 12-Jun-2020, Time: 20:08:54, ID: B0F0077-BLK1 Method Blank 0.125, Description: Method Blank

PFHxDA





13C2-PFHxDA-EIS



QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-63-65.qld

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Printed: Monday, June 15, 2020 16:30:39 Pacific Daylight Time

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	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	43	PFHxDA	813 > 769	1.01e4	1.37e4	0.125		6.29	6.29	9.28	88.3474	110.4	31.556	NO
2	93	13C2-PFHxDA-EIS	815 > 769.7	1.37e4		0.125	1697.595	6.27	6.29	13700	64.3797	64.4		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-63-65.qld

Last Altered: Monday, June 15, 2020 08:53:37 Pacific Daylight Time
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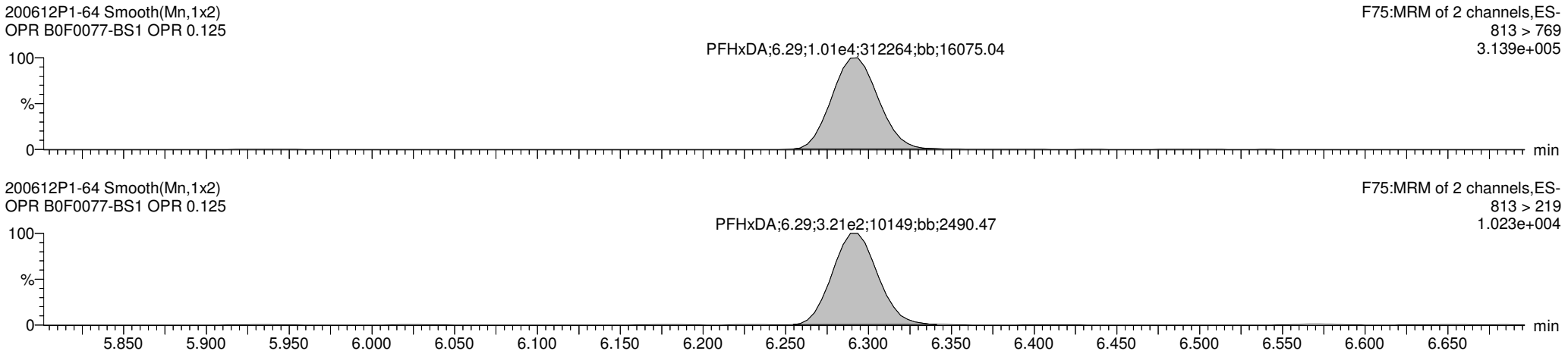
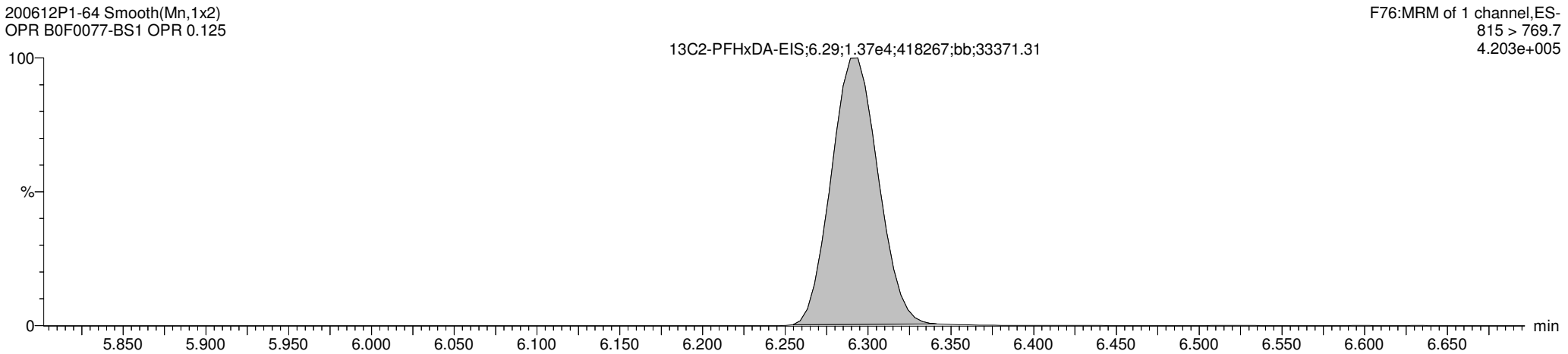
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Name: 200612P1-64, Date: 12-Jun-2020, Time: 20:19:26, ID: B0F0077-BS1 OPR 0.125, Description: OPR

PFHxDA



13C2-PFHxDA-EIS



QPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:56:40 Pacific Daylight Time

Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1.17e2	5.64e3	0.114		1.15	1.14	0.260	1.6264			
2	5	PFBS	299.0 > 80	7.81e1	9.92e2	0.114		2.37	2.38	0.985	3.2616		3.66	NO
3	7	PFHxA	313.0 > 269.0	3.64e2	9.23e3	0.114		2.89	2.89	0.494	3.8073		37.4	YES
4	11	PFHpA	363.0 > 319		8.20e3	0.114		3.52						YES
5	15	6:2 FTS	427.0 > 407		1.19e3	0.114		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	5.64e3		0.114	328.442	1.37	1.15	5640	151.1971	137.4		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.92e2		0.114	84.154	2.29	2.37	992	103.7002	94.3		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	9.23e3		0.114	881.695	3.04	2.89	9230	92.1276	83.7		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	8.20e3		0.114	800.216	3.50	3.52	8200	90.1531	81.9		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.19e3		0.114	110.222	4.07	3.96	1190	95.3710	86.7		
11	-1													
12	13	L-PFHxS	399 > 79.9		2.09e3	0.114		3.66						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	2.09e3	0.114		3.93		0.000				
14	19	PFHpS	449.0 > 80		1.84e3	0.114		4.17						YES
15	21	PFNA	463.0 > 418.8		9.38e3	0.114		4.46						YES
16	22	PFOSA	498 > 78	1.02e2	1.97e3	0.114		4.51	4.50	0.649	8.1946		15.6	NO
17	61	13C3-PFHxS-EIS	402 > 80	2.09e3		0.114	173.420	3.88	3.66	2090	105.9811	96.3		
18	61	13C3-PFHxS-EIS	402 > 80	2.09e3		0.114	173.420	3.88	3.66	2090	105.9811	96.3		
19	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
20	65	13C5-PFNA-EIS	468.2 > 422.9	9.38e3		0.114	880.063	4.70	4.46	9380	93.7694	85.2		
21	67	13C8-PFOSA-EIS	506 > 78	1.97e3		0.114	278.373	4.68	4.51	1970	62.1983	56.5		
22	-1													
23	16	L-PFOA	413 > 369	7.43e2	1.05e4	0.114		4.02	4.02	0.887	8.9878		6.92	YES
24	1...	Total PFOA	413 > 369	7.43e2	1.05e4	0.114		4.60		0.887	8.9878			
25	23	L-PFOS	499 > 80	6.96e1	1.84e3	0.114		4.55	4.54	0.472	2.2589		2.84	NO
26	1...	Total PFOS	499> 80	6.96e1	1.84e3	0.114		4.60		0.472	2.2589			
27	26	PFDA	513 > 469		1.15e4	0.114		4.84						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.05e4		0.114	1040.374	4.19	4.02	10500	88.6046	80.5		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.05e4		0.114	1040.374	4.19	4.02	10500	88.6046	80.5		
30	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
31	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.15e4		0.114	1046.803	4.83	4.84	11500	96.3507	87.6		
33	-1													
34	27	8:2 FTS	527.1 > 507		1.09e3	0.114		4.81						YES
35	29	L-MeFOSAA	570 > 419		2.47e3	0.114		4.99						YES
36	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.47e3	0.114		5.19		0.000				

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:56:40 Pacific Daylight Time

Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519		1.17e4	0.114		5.17						YES
38	34	PFDS	599.1 > 80.0		1.84e3	0.114		5.15						YES
39	75	13C2-8:2 FTS-EIS	529 > 80	1.09e3		0.114	105.584	4.97	4.81	1090	90.4697	82.2		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.47e3		0.114	265.439	4.98	4.99	2470	81.8654	74.4		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.47e3		0.114	265.439	4.98	4.99	2470	81.8654	74.4		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.17e4		0.114	1152.628	5.16	5.17	11700	89.1014	81.0		
43	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
44	-1													
45	31	L-EtFOSAA	584 > 419		1.53e3	0.114		5.15						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	1.53e3	0.114		5.37		0.000				
47	37	PFDoA	612.9 > 569.0		1.20e4	0.114		5.45						YES
48	39	PFTrDA	662.9 > 618.9		1.20e4	0.114		5.69						YES
49	41	PFTeDA	713.0 > 669.0		9.79e3	0.114		5.91						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.53e3		0.114	180.267	5.14	5.15	1530	74.4604	67.7		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.53e3		0.114	180.267	5.14	5.15	1530	74.4604	67.7		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.20e4		0.114	1291.517	5.44	5.45	12000	81.8424	74.4		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.20e4		0.114	1291.517	5.44	5.45	12000	81.8424	74.4		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	9.79e3		0.114	1166.538	5.91	5.91	9790	73.8815	67.2		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		3.88e3	0.114		5.49					0.000	YES
57	42	N-EtFOSA	526.1 > 168.9		5.89e3	0.114		5.93						YES
58	43	PFHxDA	813 > 769		1.05e4	0.114		6.26						YES
59	45	N-MeFOSE	616.1 > 58.9		8.84e3	0.114		6.18						
60	46	N-EtFOSE	630.1 > 58.9		9.25e3	0.114		6.33						
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.88e3		0.114	75.834	5.50	5.50	3880	450.8646	34.3		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.89e3		0.114	118.357	5.95	5.95	5890	437.9733	33.4		
63	93	13C2-PFHxDA-EIS	815 > 769.7	1.05e4		0.114	1727.390	6.26	6.26	10500	53.5798	48.7		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	8.84e3		0.114	98.401	6.18	6.18	8840	790.2819	60.2		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9.25e3		0.114	105.274	6.33	6.33	9250	773.2658	58.9		
66	-1													
67	1...	TDCA	498.3>106.9	1.02e1		0.114		4.73	4.79	10.2			1.47	NO
68	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
69	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
70	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
71	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		
72	71	13C8-PFOS-EIS	507.1 > 80	1.84e3		0.114	173.038	4.76	4.55	1840	93.7151	85.2		

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
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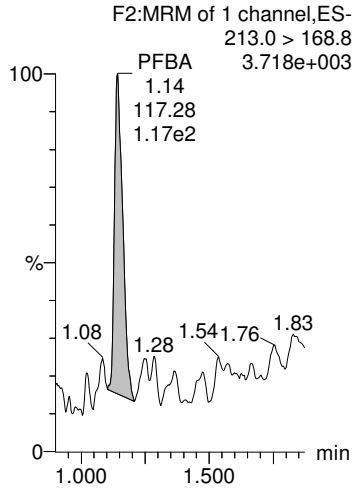
Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

PFBA



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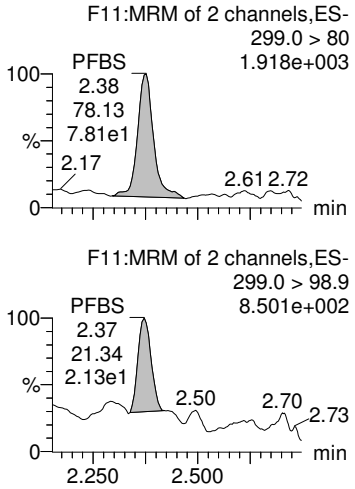

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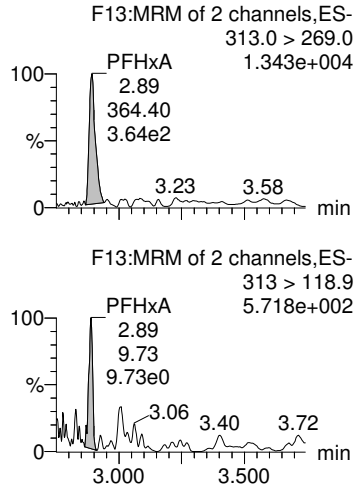
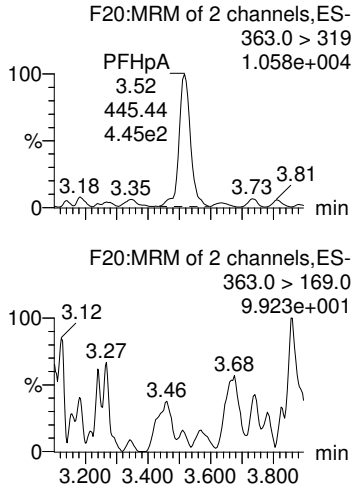
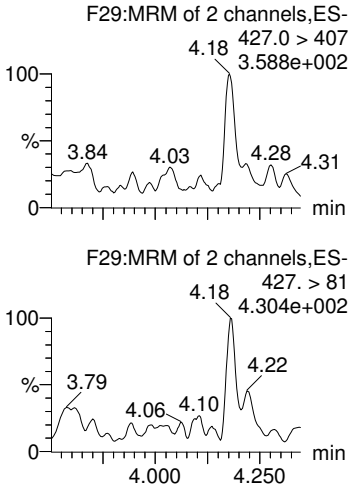


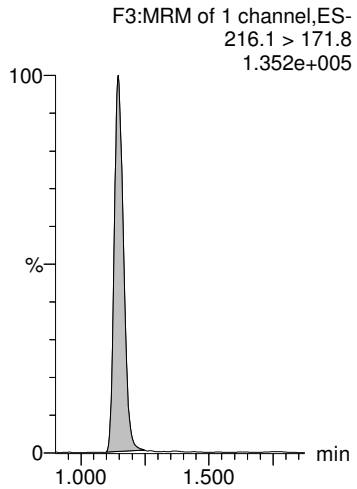
PFHpA



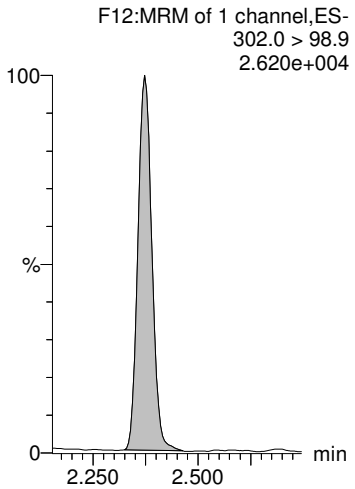
6:2 FTS



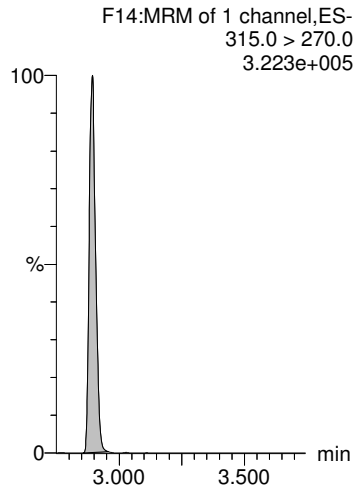
13C3-PFBA-EIS



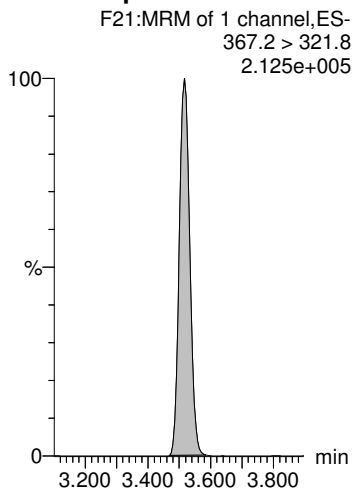
13C3-PFBS-EIS



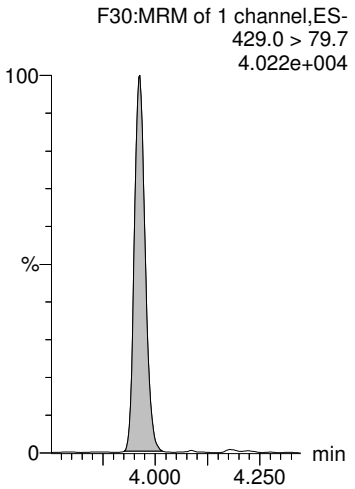
13C2-PFHxA-EIS



13C4-PFHpA-EIS



13C2-6:2 FTS-EIS



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Printed: Monday, June 15, 2020 14:56:40 Pacific Daylight Time

Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

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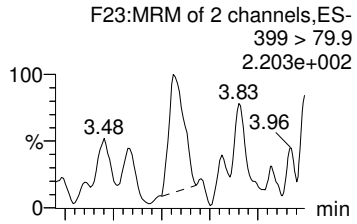

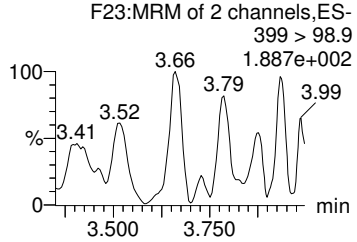

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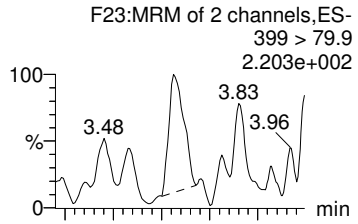

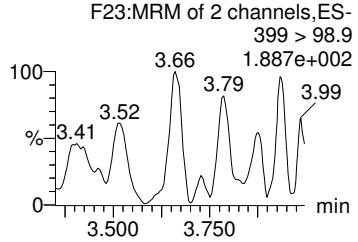

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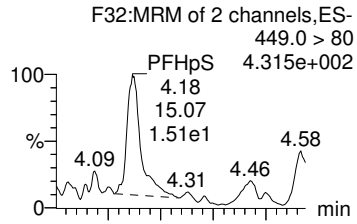

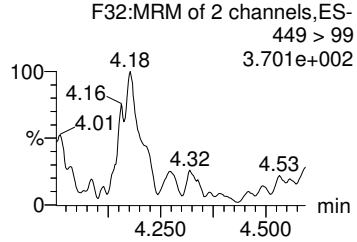

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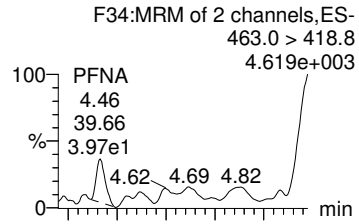

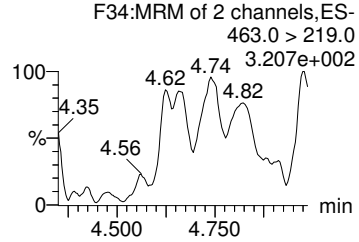

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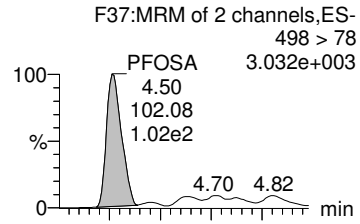

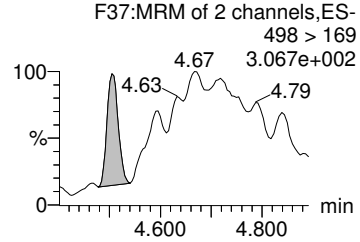

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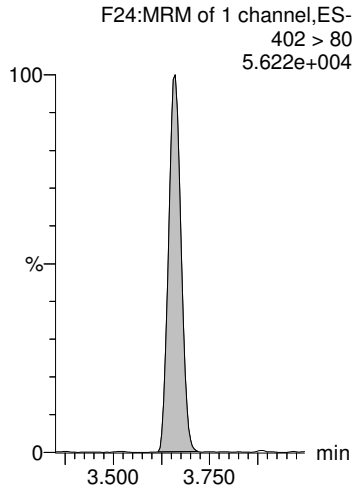

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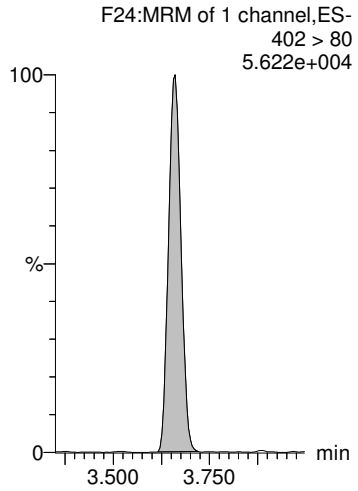

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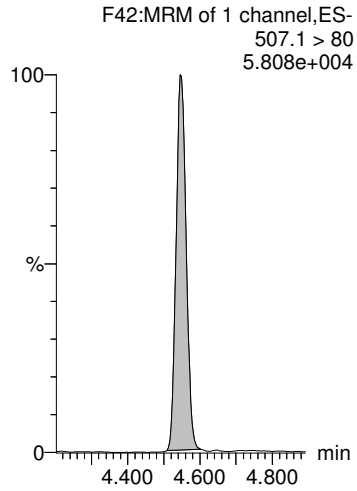

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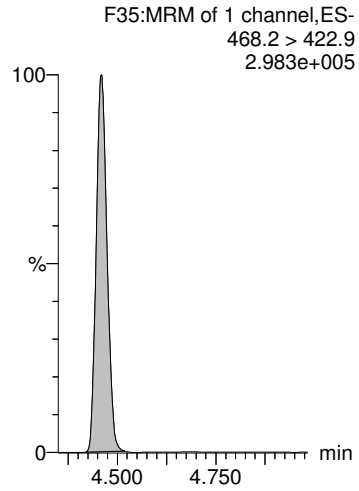

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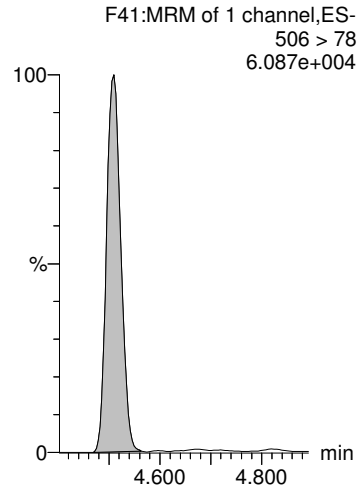

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Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

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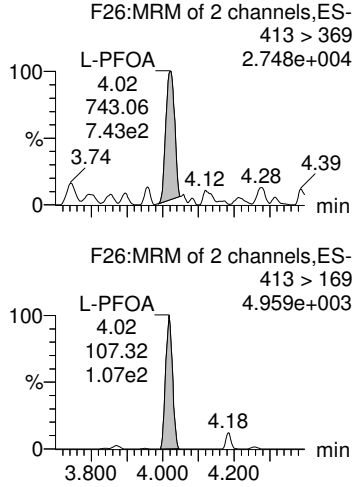

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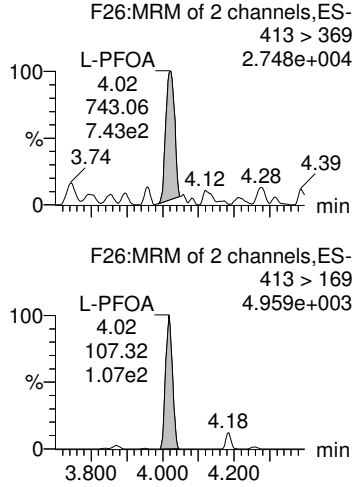

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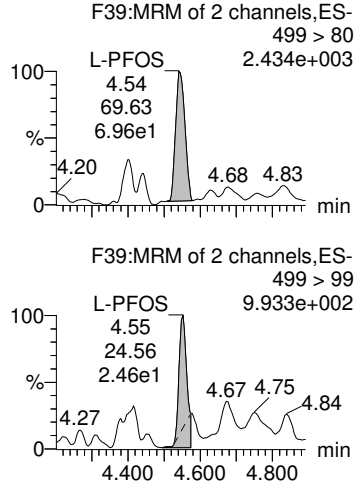

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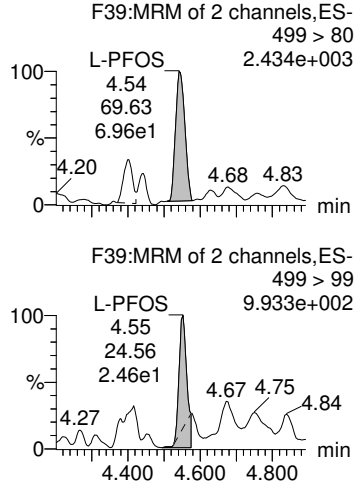

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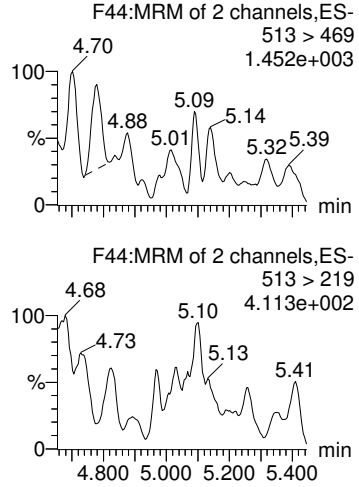

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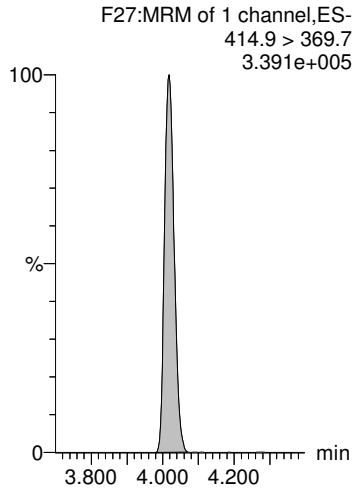

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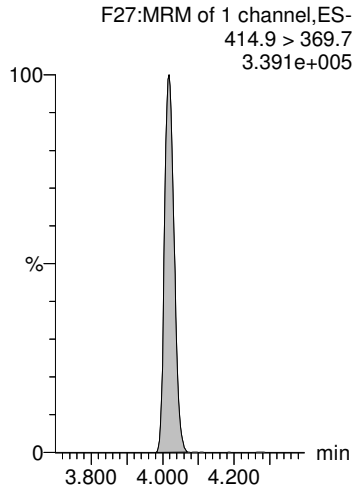

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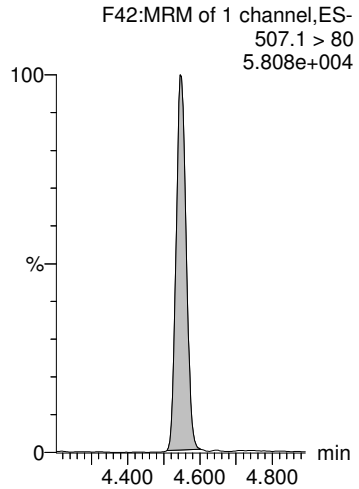

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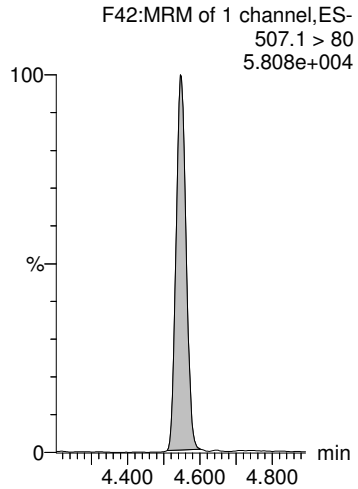

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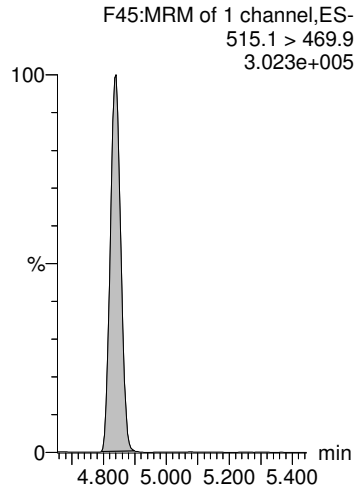

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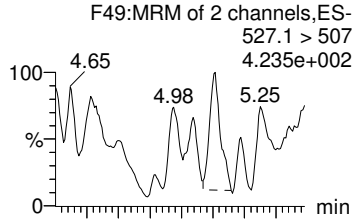
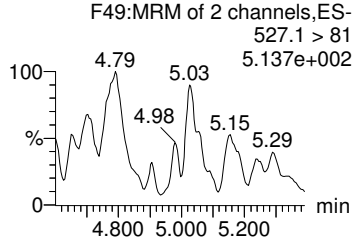
8:2 FTS





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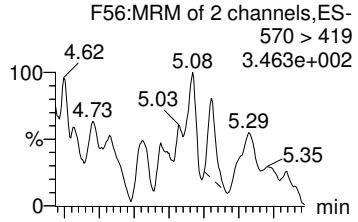

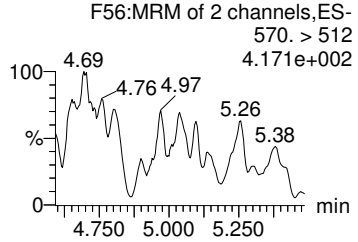

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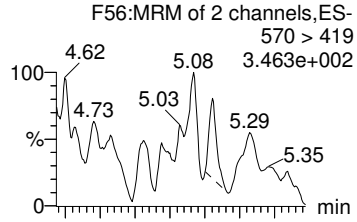

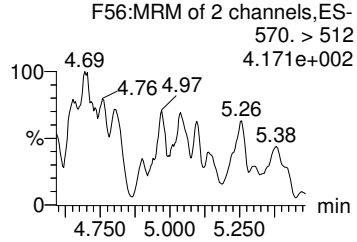

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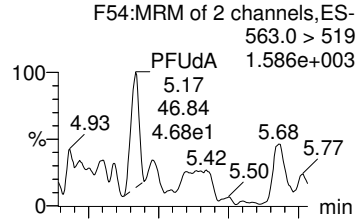

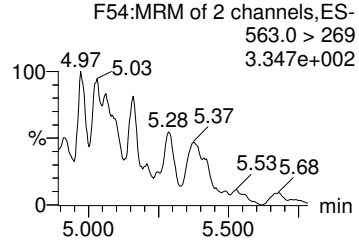

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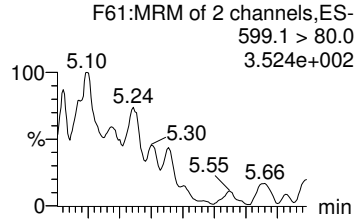

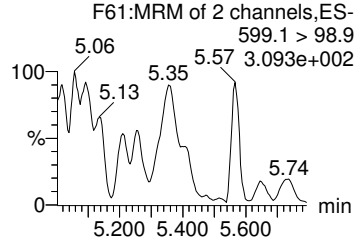

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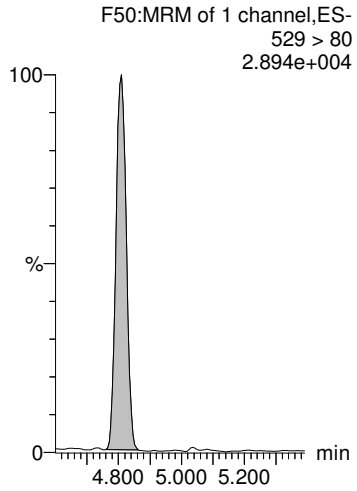

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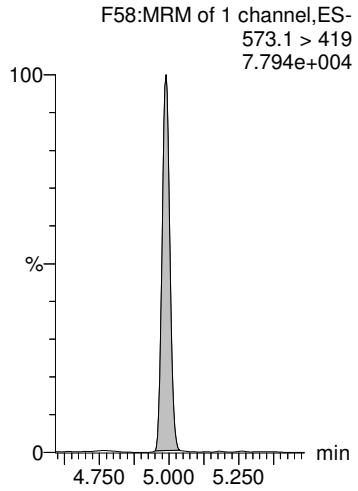

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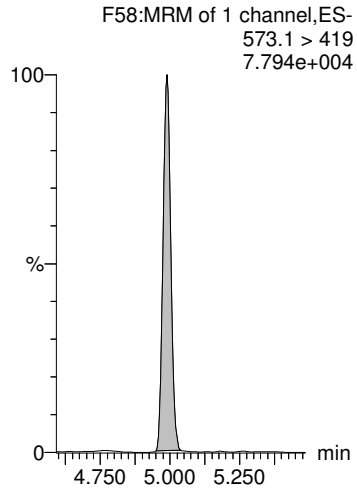

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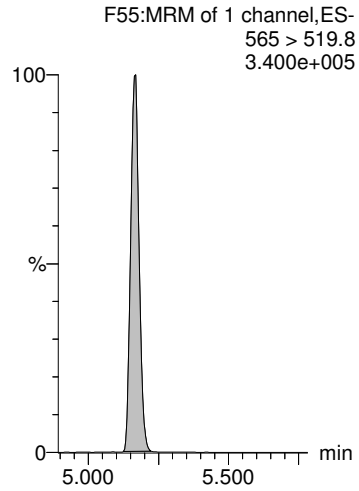

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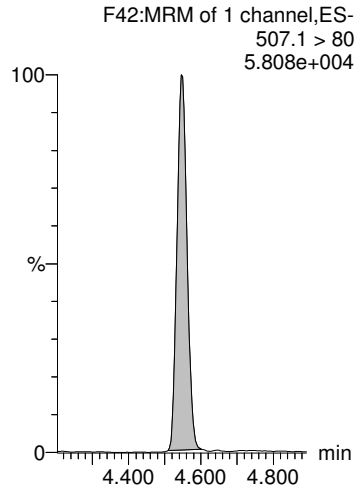

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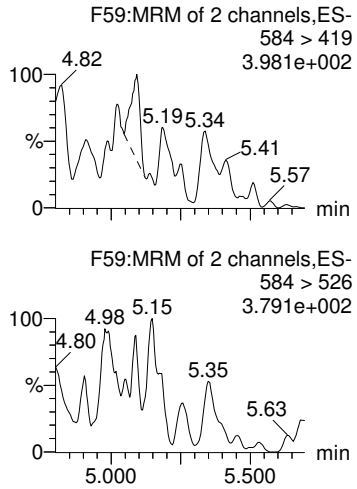
Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

L-EtFOSAA



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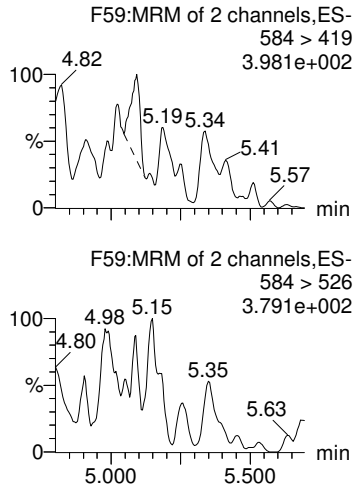

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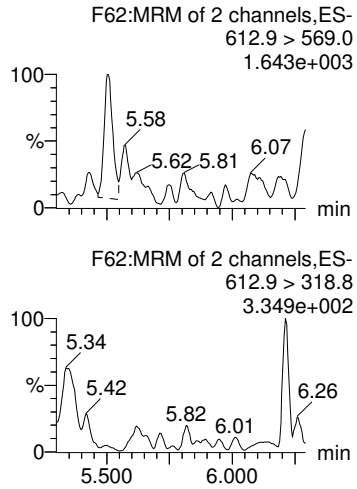

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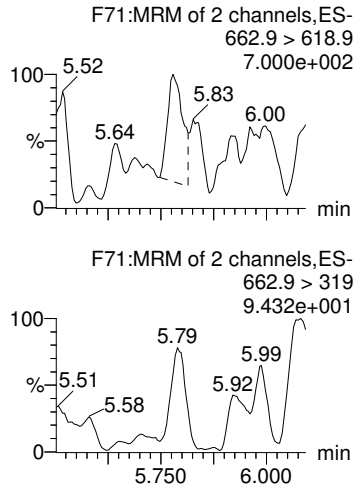

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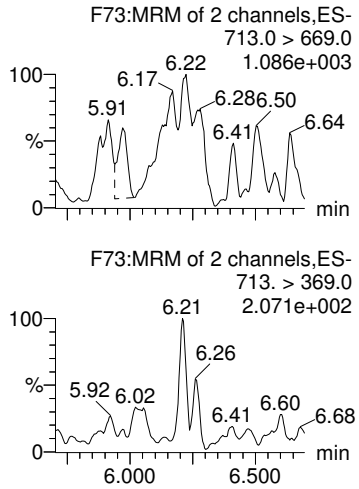

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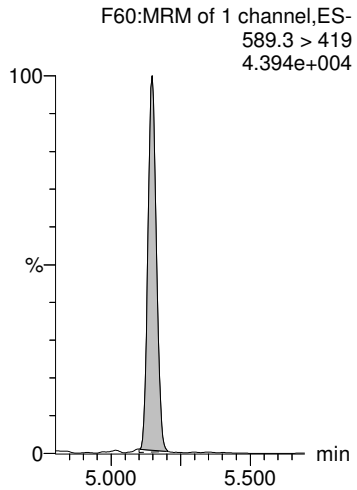

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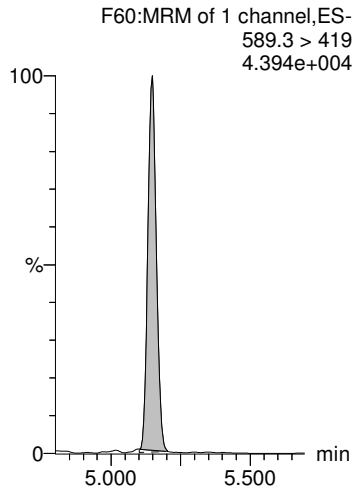

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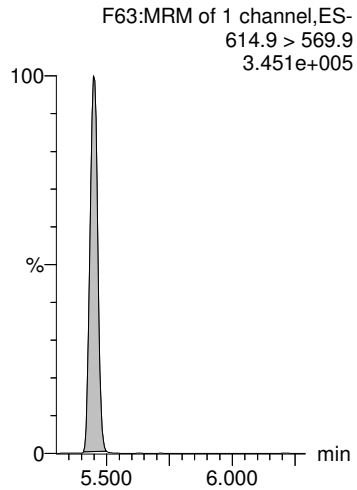

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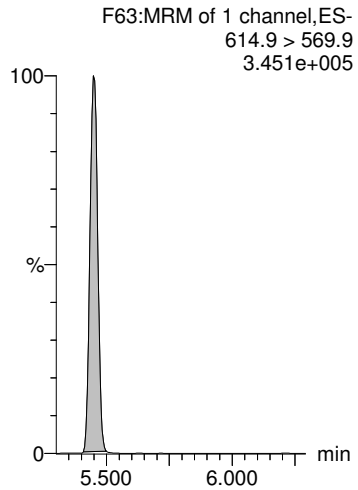

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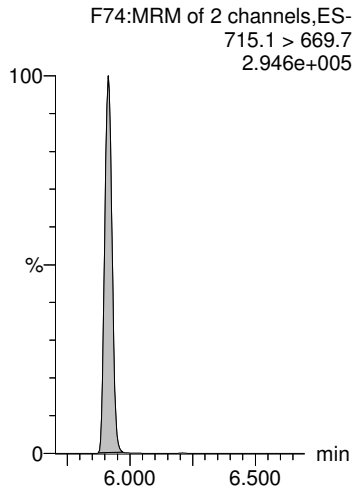

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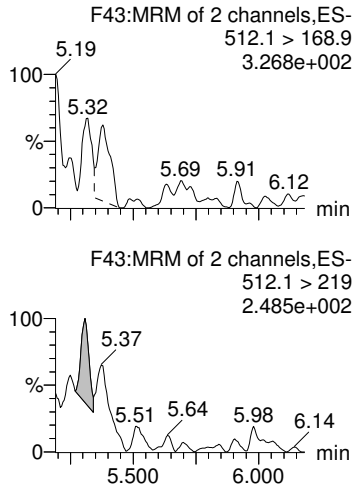
Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

N-MeFOSA



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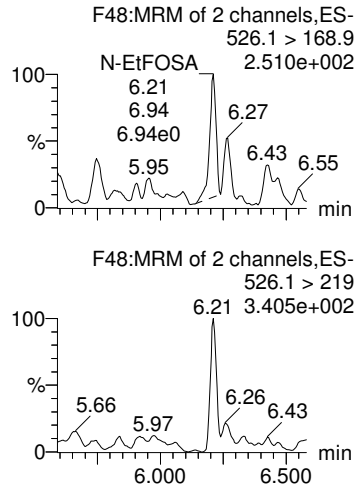

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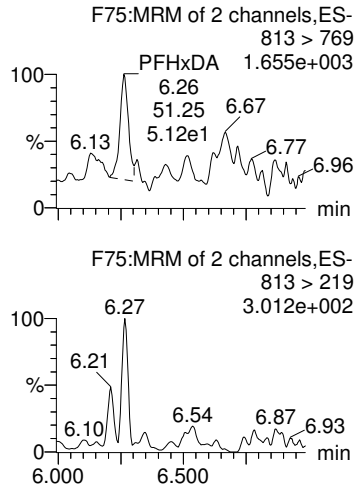
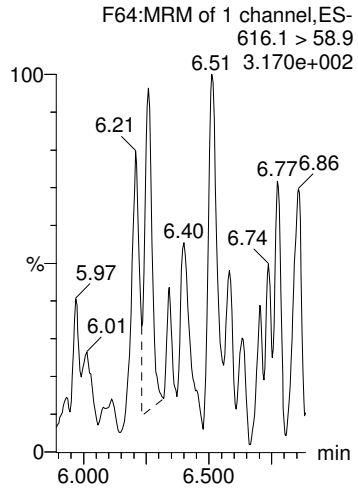


N-MeFOSE



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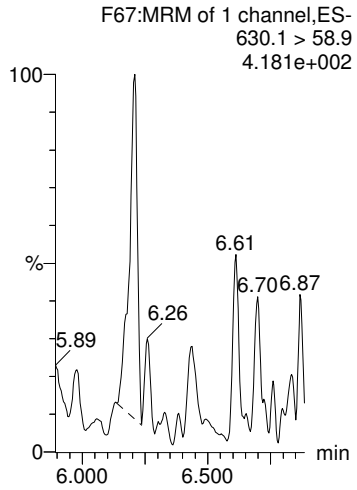
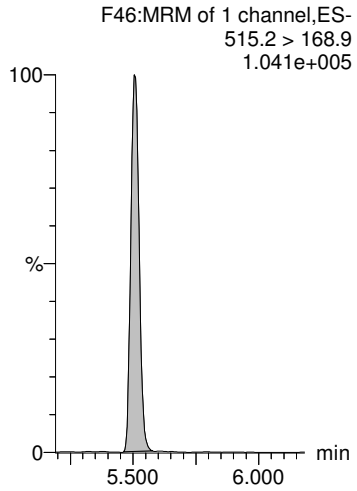


d3-N-MeFOSA-EIS



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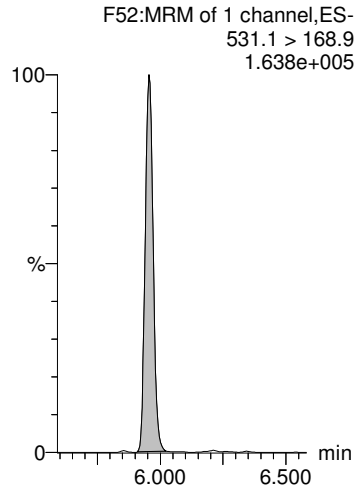

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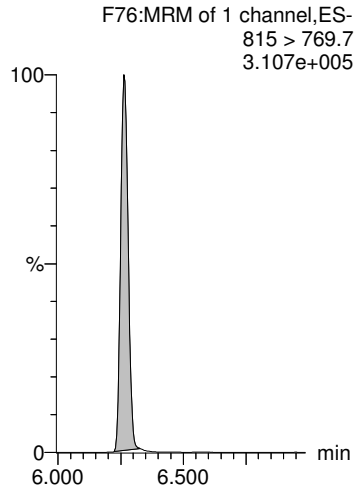
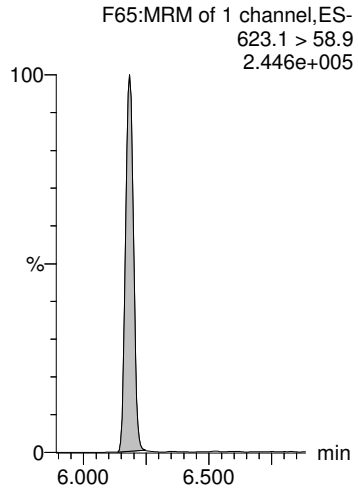


d7-N-MeFOSE-EIS



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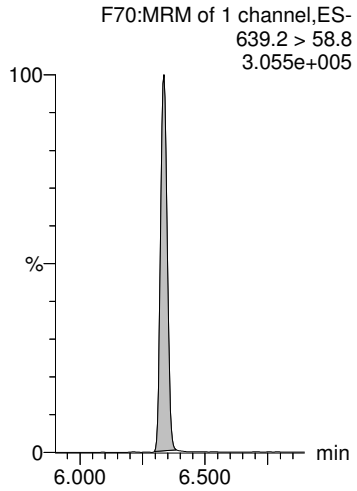
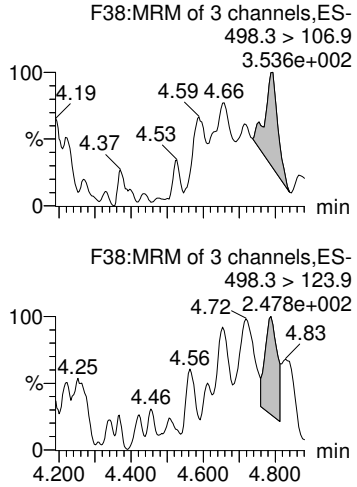


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:56:40 Pacific Daylight Time

Name: 200608P1-41, Date: 09-Jun-2020, Time: 00:16:00, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

TDCA



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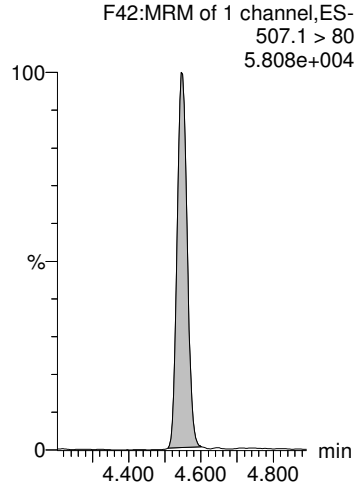

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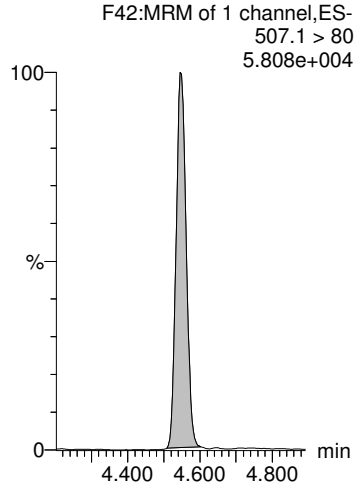

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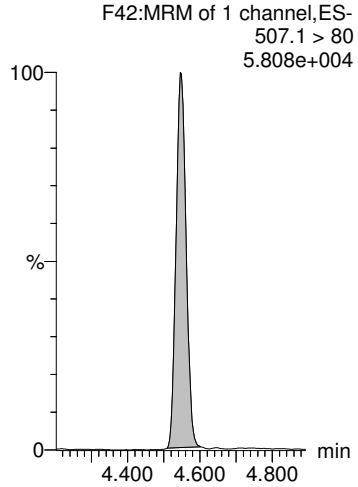

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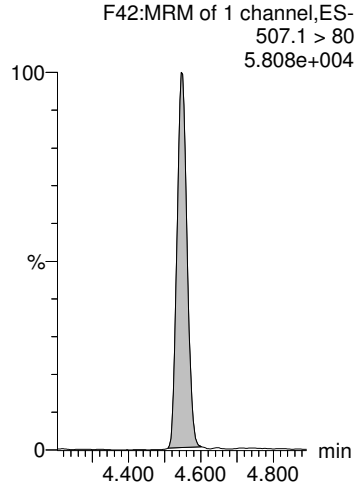

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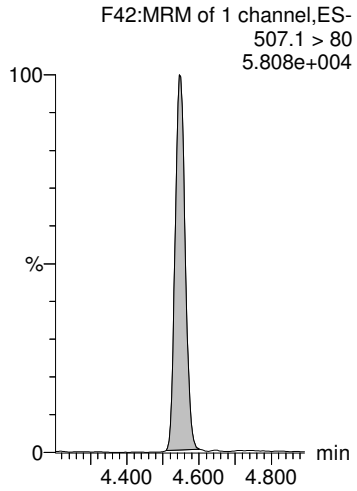

Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

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Printed: Monday, June 15, 2020 15:15:27 Pacific Daylight Time

Name: 200609P1-39, Date: 09-Jun-2020, Time: 19:52:49, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9	2.17e2	7.24e3	0.114		2.10	2.11	0.375	3.2061			
2	49	13C3-PFPeA-EIS	266.0 > 221.8	7.24e3		0.114	746.767	2.04	2.10	7240	85.3719	77.6		
3	-1													

QPV 6/15/2020

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OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:15:27 Pacific Daylight Time

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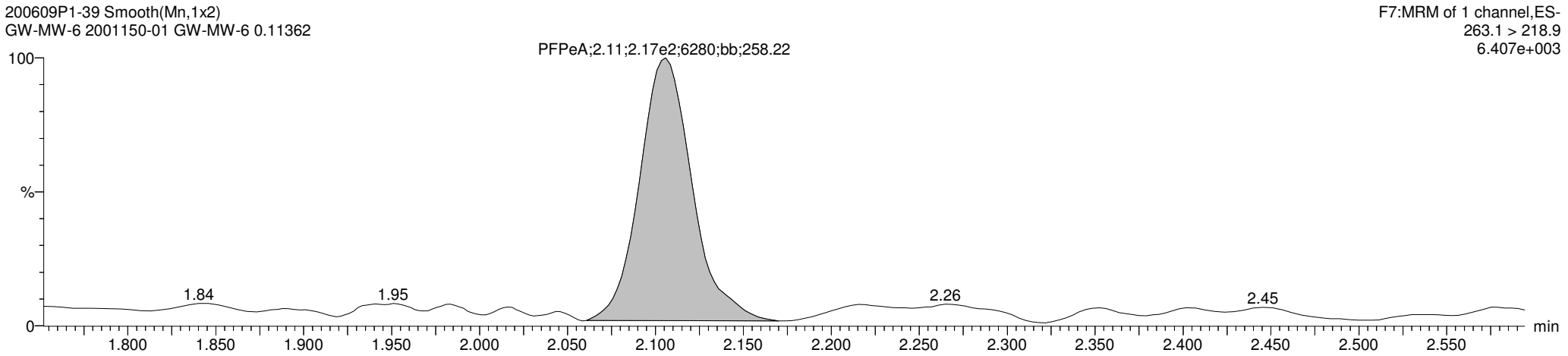
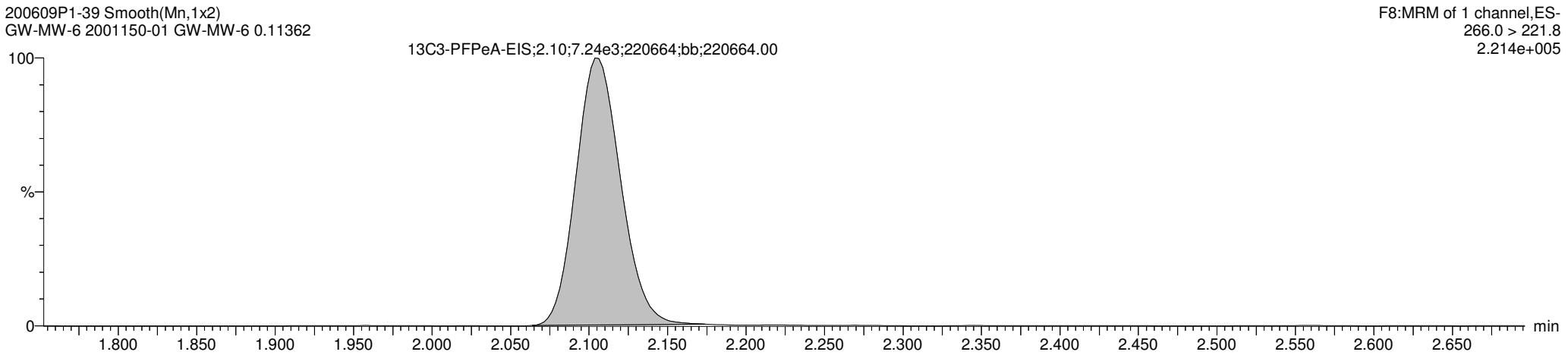
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-39, Date: 09-Jun-2020, Time: 19:52:49, ID: 2001150-01 GW-MW-6 0.11362, Description: GW-MW-6

PFPeA



13C3-PFPeA-EIS



QPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
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Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1.90e3	5.64e3	0.111		1.15	1.15	4.21	36.6918			
2	5	PFBS	299.0 > 80	5.72e1	9.18e2	0.111		2.37	2.37	0.780	2.5876		1.87	NO
3	7	PFHxA	313.0 > 269.0	7.20e3	8.84e3	0.111		2.89	2.89	10.2	92.4230		17.0	NO
4	11	PFHpA	363.0 > 319	1.76e4	8.19e3	0.111		3.52	3.52	26.9	190.1559		42.7	NO
5	15	6:2 FTS	427.0 > 407		1.12e3	0.111		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	5.64e3		0.111	328.442	1.37	1.15	5640	154.4223	137.5		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.18e2		0.111	84.154	2.29	2.37	918	97.9710	87.2		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	8.84e3		0.111	881.695	3.04	2.89	8840	90.0366	80.2		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	8.19e3		0.111	800.216	3.50	3.52	8190	91.9968	81.9		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.12e3		0.111	110.222	4.07	3.96	1120	91.3825	81.4		
11	-1													
12	13	L-PFHxS	399 > 79.9	2.19e2	1.88e3	0.111		3.66	3.66	1.46	13.0400		6.39	NO
13	1...	Total PFHxS	399 > 79.9	2.19e2	1.88e3	0.111		3.93		1.46	13.0400			
14	19	PFHpS	449.0 > 80	5.65e1	1.81e3	0.111		4.17	4.13	0.391	3.3421		1.65	YES
15	21	PFNA	463.0 > 418.8	1.51e4	8.48e3	0.111		4.46	4.46	22.3	174.7860		12.3	YES
16	22	PFOSA	498 > 78	6.92e1	2.03e3	0.111		4.51	4.51	0.426	5.2548		42.2	NO
17	61	13C3-PFHxS-EIS	402 > 80	1.88e3		0.111	173.420	3.88	3.66	1880	97.5371	86.8		
18	61	13C3-PFHxS-EIS	402 > 80	1.88e3		0.111	173.420	3.88	3.66	1880	97.5371	86.8		
19	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
20	65	13C5-PFNA-EIS	468.2 > 422.9	8.48e3		0.111	880.063	4.70	4.46	8480	86.6248	77.1		
21	67	13C8-PFOSA-EIS	506 > 78	2.03e3		0.111	278.373	4.68	4.51	2030	65.5324	58.4		
22	-1													
23	16	L-PFOA	413 > 369	4.51e4	9.55e3	0.111		4.01	4.02	59.0	553.2509		3.30	NO
24	1...	Total PFOA	413 > 369	4.51e4	9.55e3	0.111		4.60		59.0	553.2509			
25	23	L-PFOS	499 > 80	7.81e3	1.81e3	0.111		4.55	4.55	54.0	403.6713		2.71	NO
26	1...	Total PFOS	499> 80	7.81e3	1.81e3	0.111		4.60		54.0	403.6713			
27	26	PFDA	513 > 469	1.70e3	1.08e4	0.111		4.84	4.84	1.97	18.9742		4.99	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.55e3		0.111	1040.374	4.19	4.01	9550	82.5002	73.5		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.55e3		0.111	1040.374	4.19	4.01	9550	82.5002	73.5		
30	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
31	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.08e4		0.111	1046.803	4.83	4.84	10800	92.7827	82.6		
33	-1													
34	27	8:2 FTS	527.1 > 507		1.03e3	0.111		4.81						YES
35	29	L-MeFOSAA	570 > 419		2.56e3	0.111		4.99						YES
36	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.56e3	0.111		5.19		0.000				

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
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Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519		1.17e4	0.111		5.17						YES
38	34	PFDS	599.1 > 80.0		1.81e3	0.111		5.15						YES
39	75	13C2-8:2 FTS-EIS	529 > 80	1.03e3		0.111	105.584	4.97	4.81	1030	87.9334	78.3		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.56e3		0.111	265.439	4.98	4.99	2560	86.7802	77.3		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.56e3		0.111	265.439	4.98	4.99	2560	86.7802	77.3		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.17e4		0.111	1152.628	5.16	5.17	11700	90.9734	81.0		
43	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
44	-1													
45	31	L-EtFOSAA	584 > 419		1.60e3	0.111		5.15						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	1.60e3	0.111		5.37		0.000				
47	37	PFDoA	612.9 > 569.0		1.26e4	0.111		5.45						YES
48	39	PFTrDA	662.9 > 618.9		1.26e4	0.111		5.70						YES
49	41	PFTeDA	713.0 > 669.0		9.99e3	0.111		5.91						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.60e3		0.111	180.267	5.14	5.15	1600	79.7832	71.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.60e3		0.111	180.267	5.14	5.15	1600	79.7832	71.0		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.26e4		0.111	1291.517	5.44	5.45	12600	87.9501	78.3		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.26e4		0.111	1291.517	5.44	5.45	12600	87.9501	78.3		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	9.99e3		0.111	1166.538	5.91	5.91	9990	76.9375	68.5		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		3.27e3	0.111		5.50						YES
57	42	N-EtFOSA	526.1 > 168.9		5.86e3	0.111		5.94						YES
58	43	PFHxDA	813 > 769		1.12e4	0.111		6.27						YES
59	45	N-MeFOSE	616.1 > 58.9	8.81e0	9.39e3	0.111		6.18	6.20	0.140				
60	46	N-EtFOSE	630.1 > 58.9		1.05e4	0.111		6.33						
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.27e3		0.111	75.834	5.50	5.51	3270	387.3963	28.9		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.86e3		0.111	118.357	5.95	5.96	5860	445.1052	33.2		
63	93	13C2-PFHxDA-EIS	815 > 769.7	1.12e4		0.111	1727.390	6.26	6.27	11200	58.4882	52.1		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	9.39e3		0.111	98.401	6.18	6.18	9390	857.7732	64.0		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.05e4		0.111	105.274	6.33	6.33	10500	897.8338	67.0		
66	-1													
67	1...	TDCA	498.3>106.9			0.111		4.73						YES
68	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
69	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
70	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
71	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		
72	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.111	173.038	4.76	4.55	1810	93.7301	83.5		

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Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

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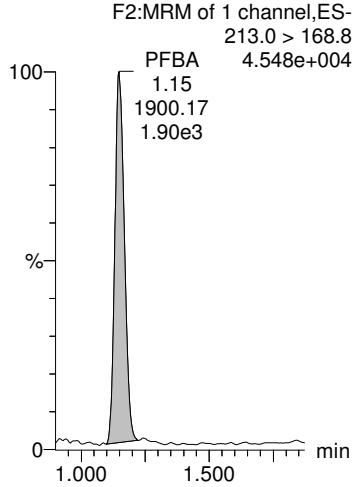

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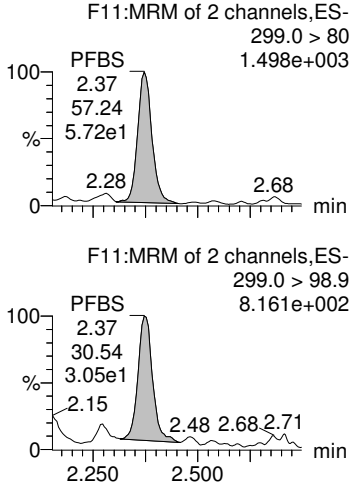

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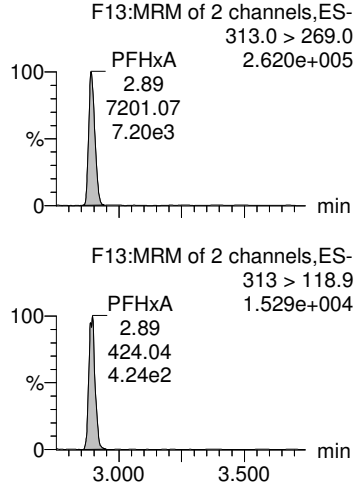

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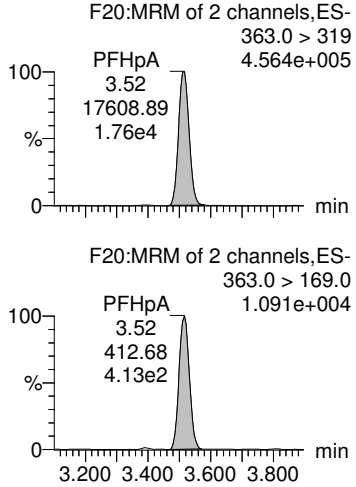
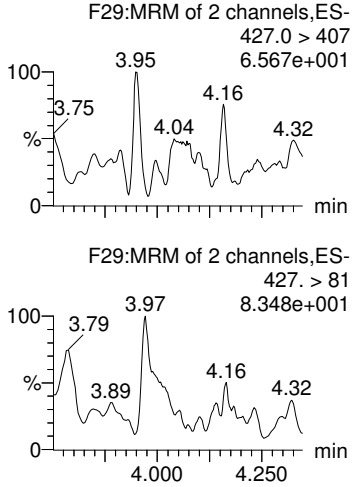
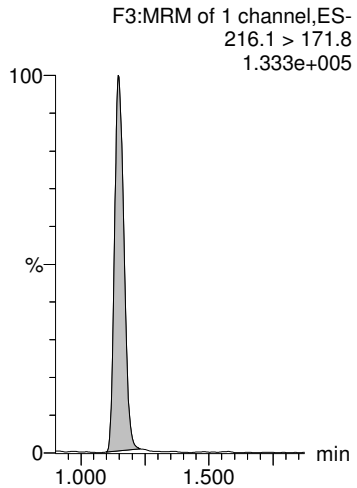


6:2 FTS



13C3-PFBA-EIS



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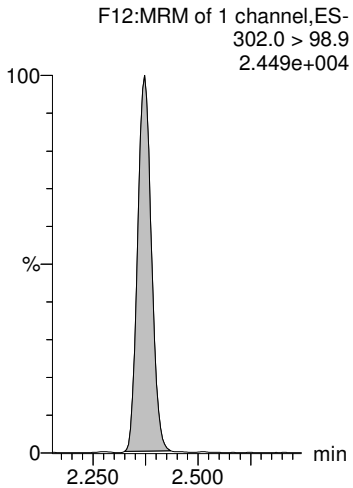

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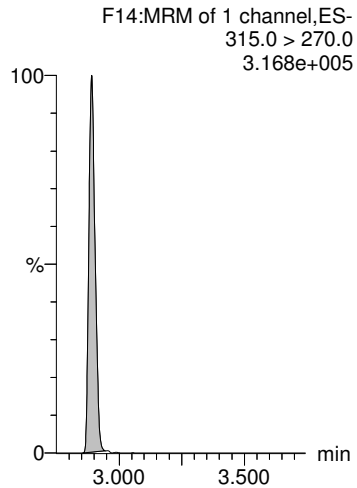

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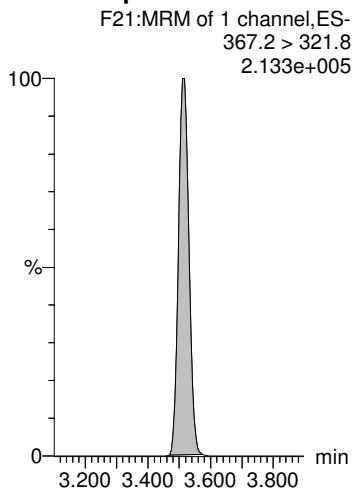

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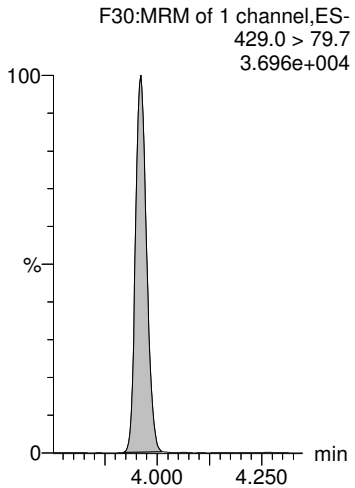

QPV 6/15/2020

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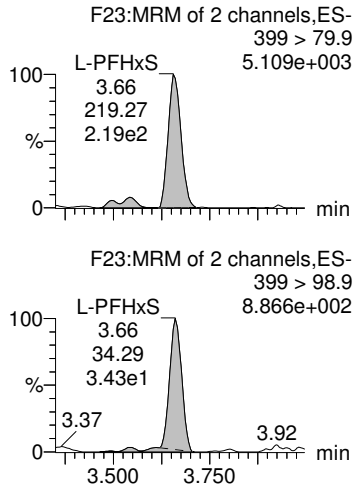
Printed: Monday, June 15, 2020 14:57:57 Pacific Daylight Time

Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

L-PFHxS



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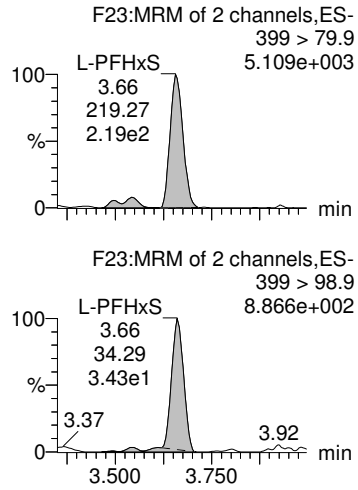

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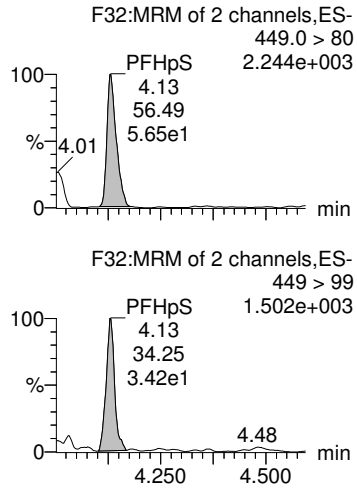

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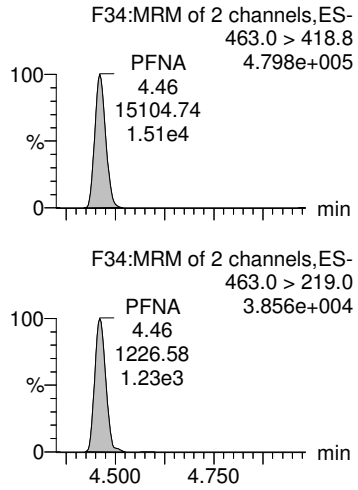

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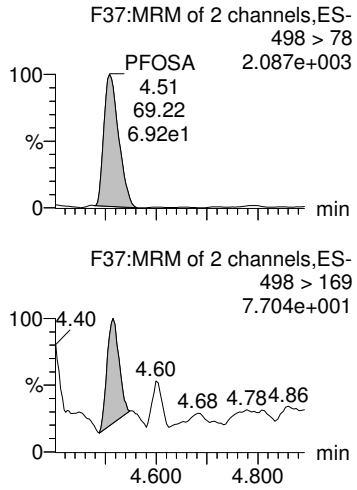

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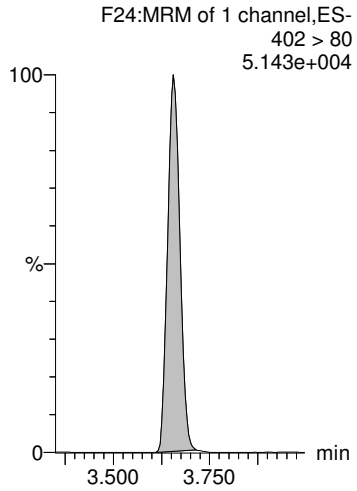

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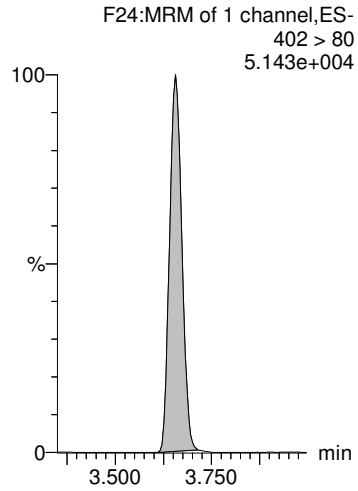

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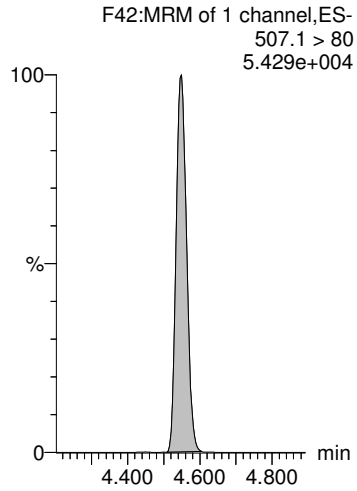
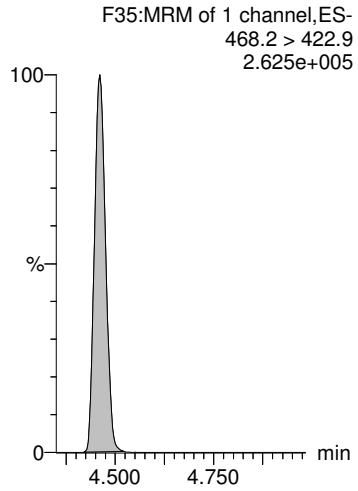


13C5-PFNA-EIS



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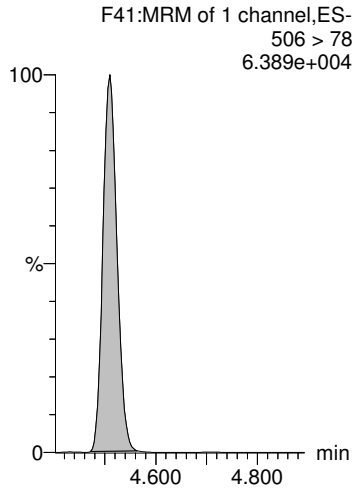

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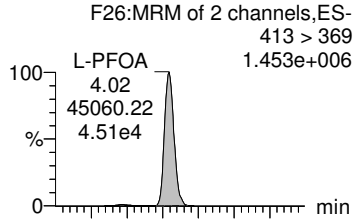
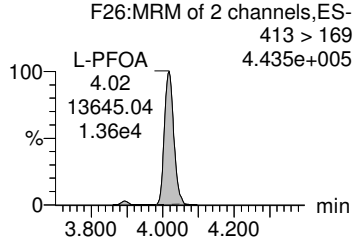
Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

L-PFOA





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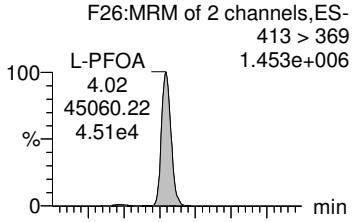
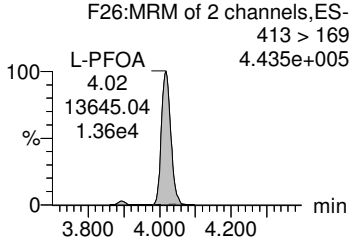
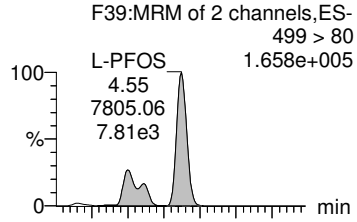
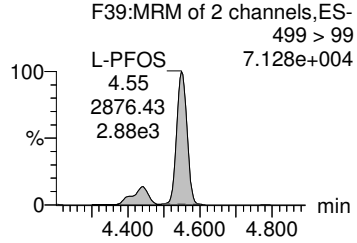




L-PFOS





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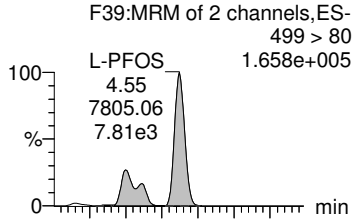

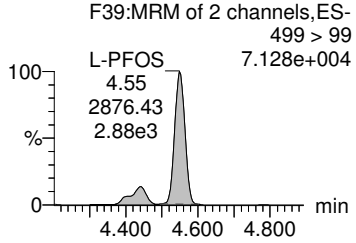

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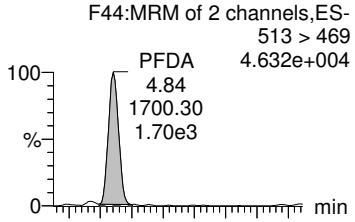

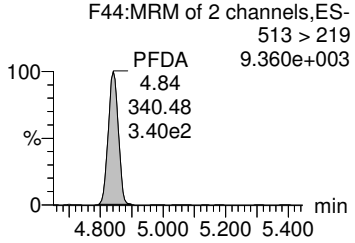

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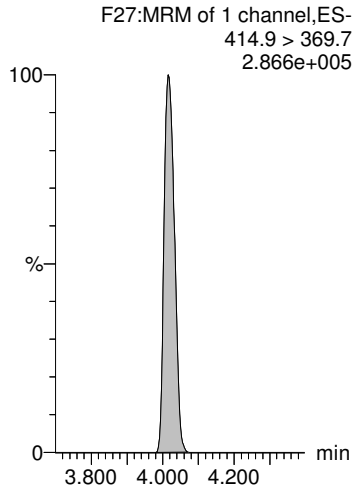

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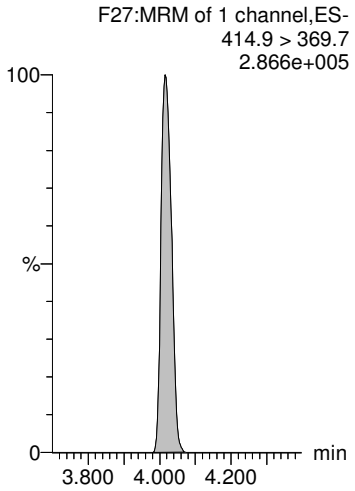

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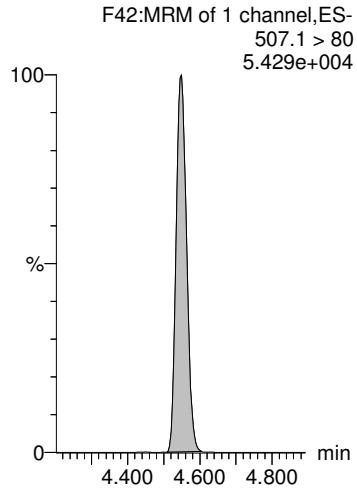

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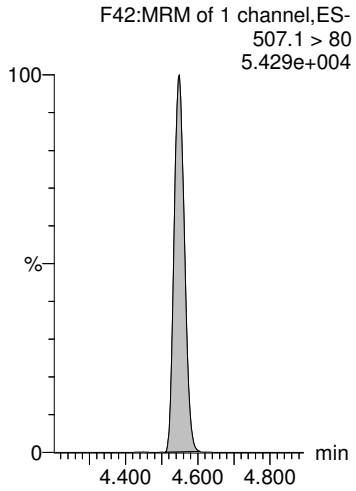

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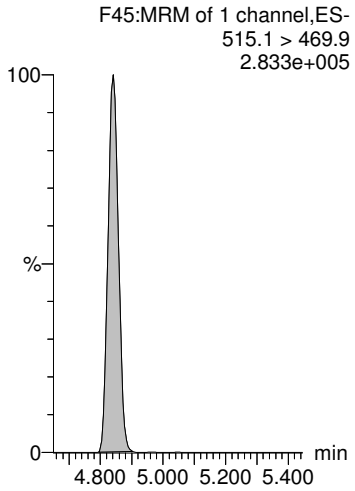

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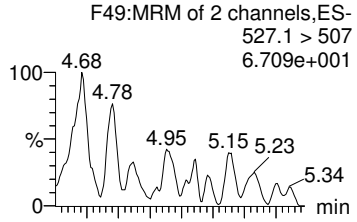
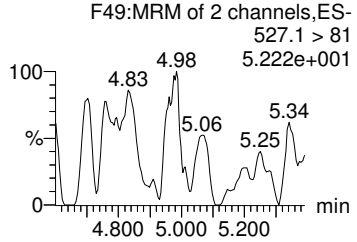
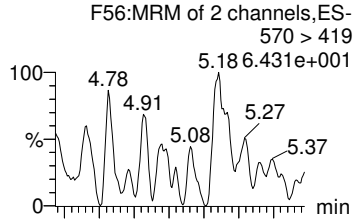
Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

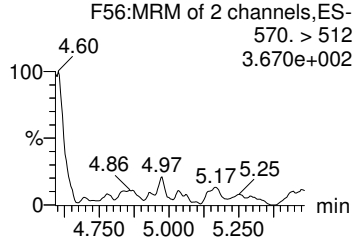
8:2 FTS



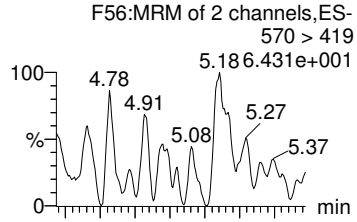


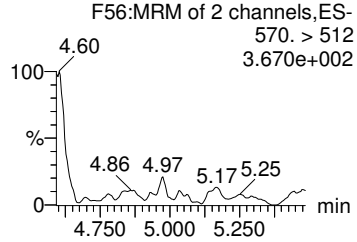
L-MeFOSAA





Total N-MeFOSAA





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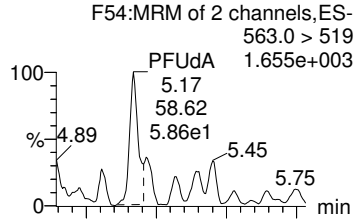

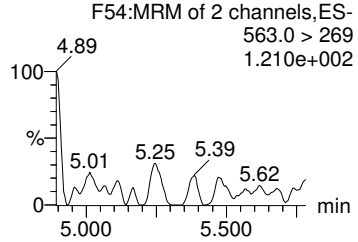

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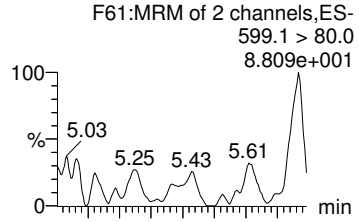

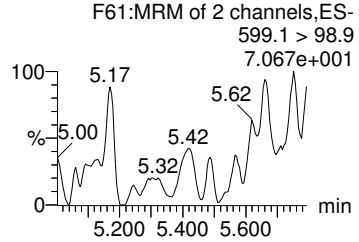

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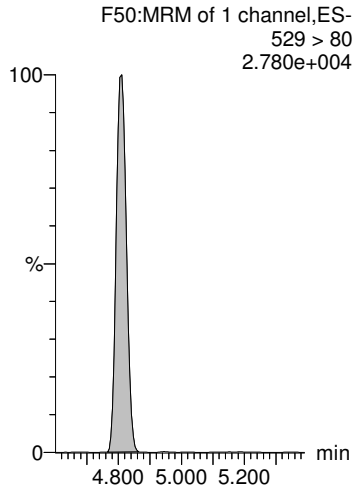
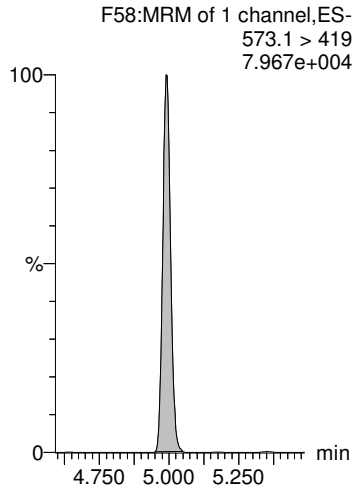


d3-N-MeFOSAA-EIS



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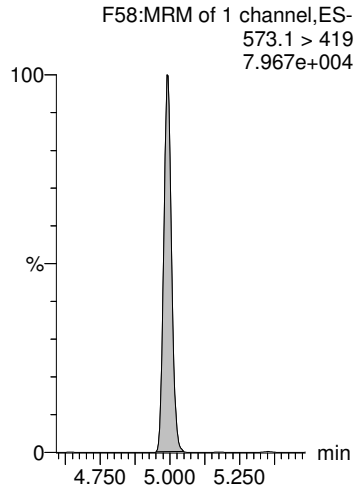

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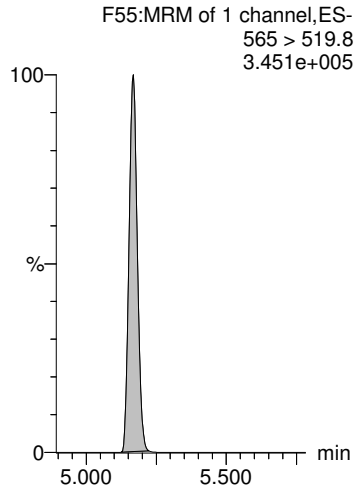

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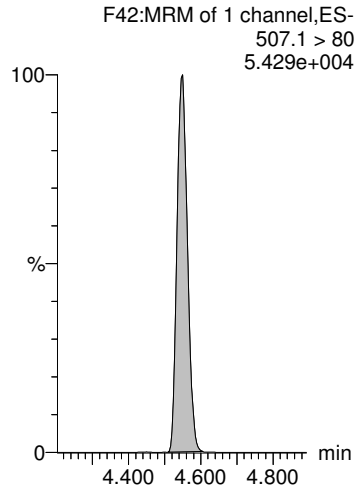

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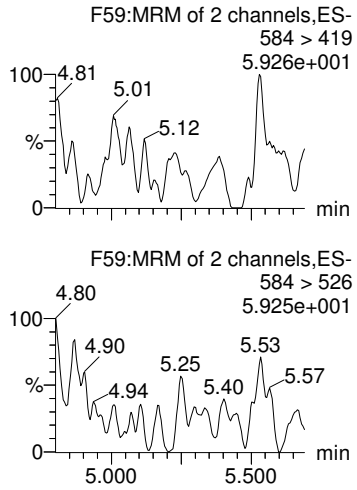
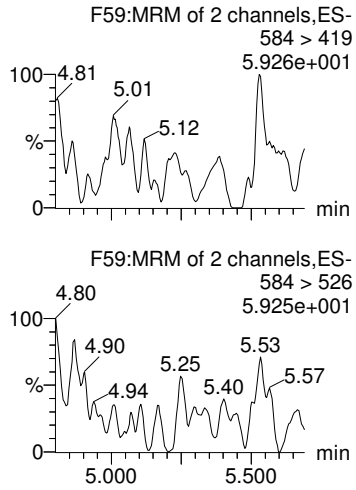
Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

L-EtFOSAA



Total N-EtFOSAA



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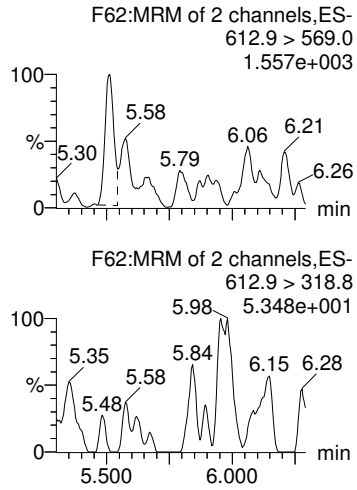

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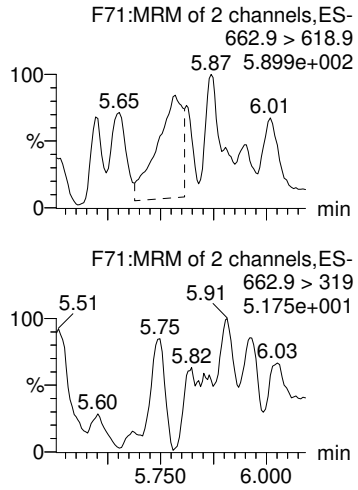

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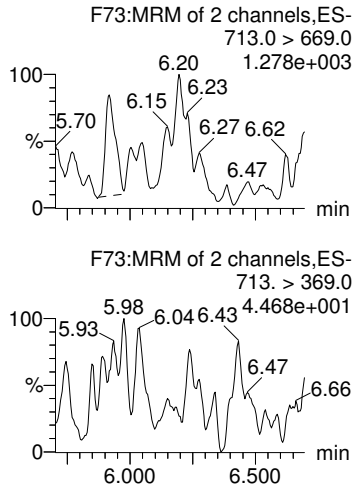

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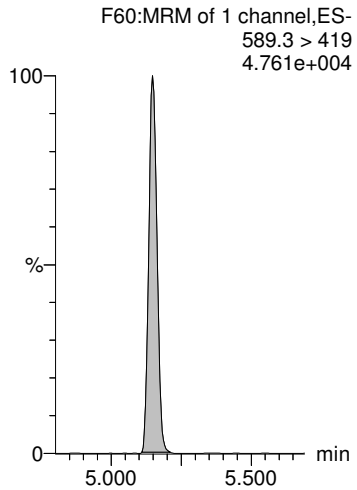
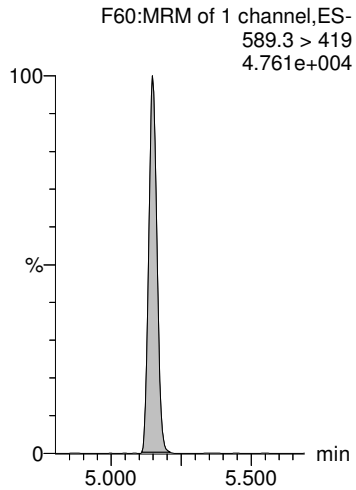
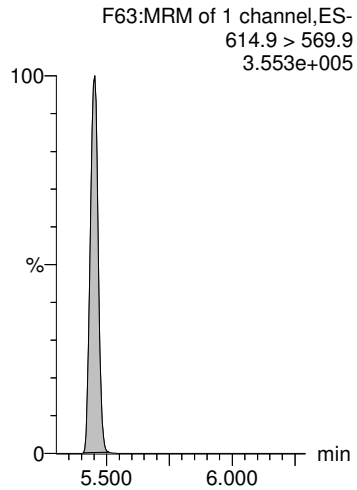


d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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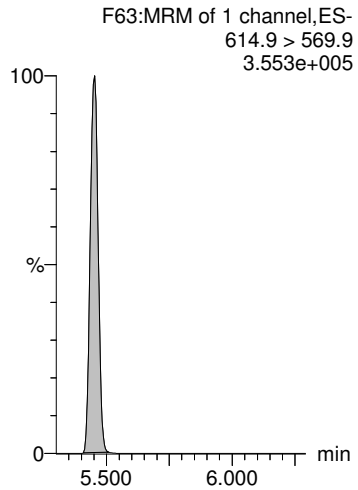
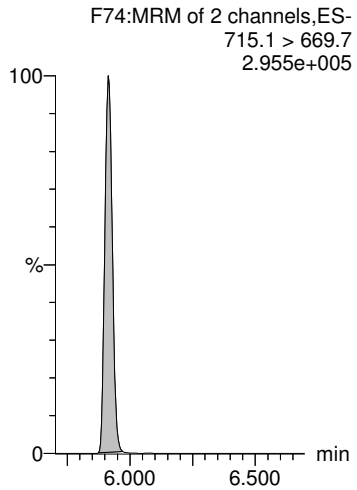


13C2-PFTeDA-EIS



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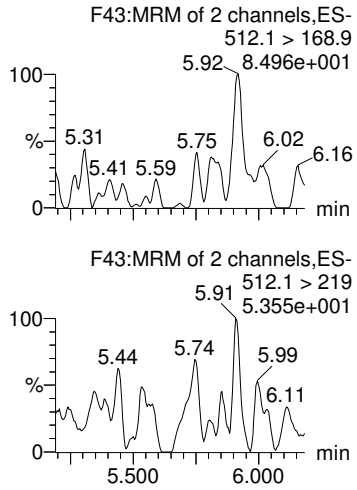
Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

N-MeFOSA



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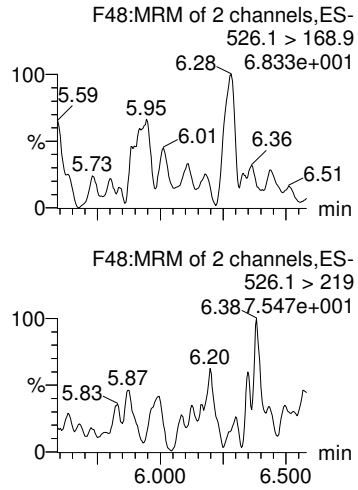
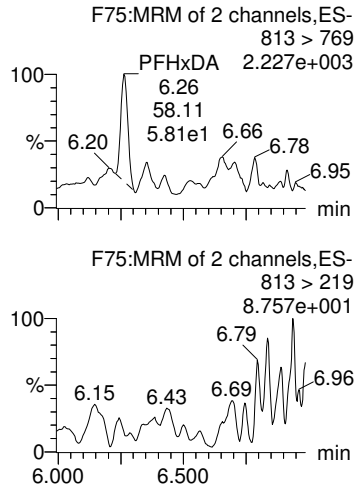
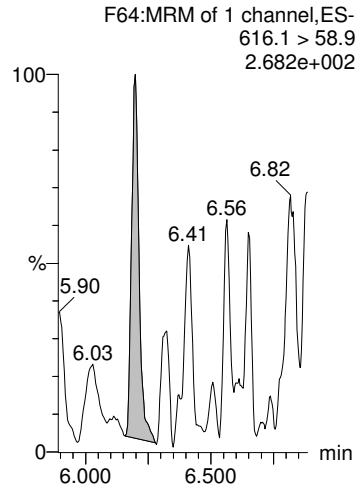


PFHxDA



N-MeFOSE



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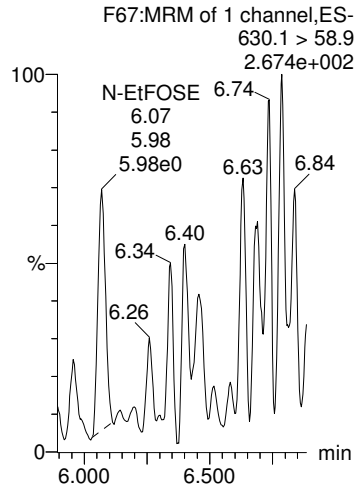
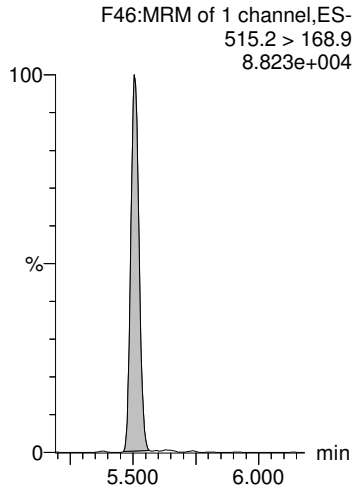


d3-N-MeFOSA-EIS



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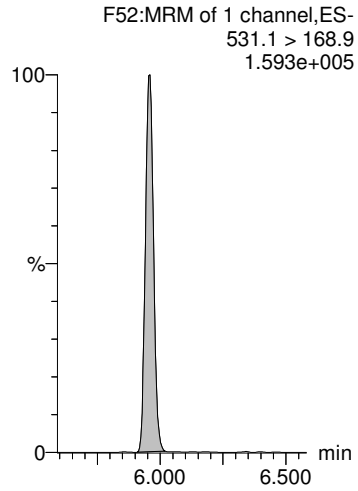

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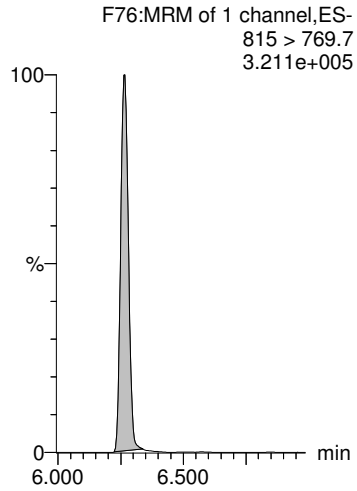

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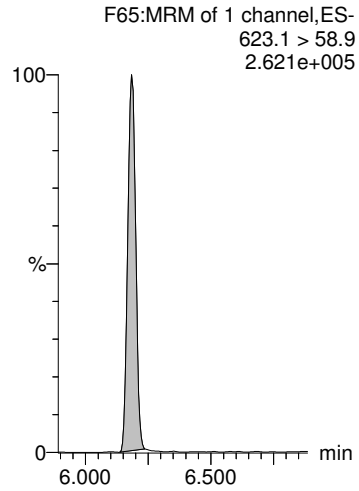
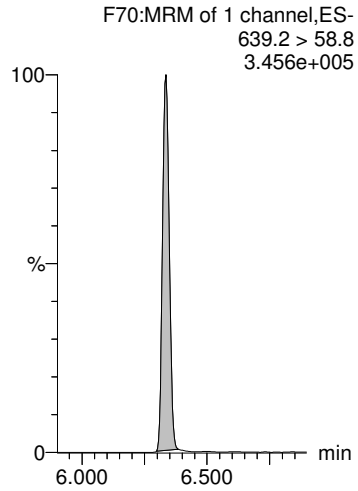


d9-N-EtFOSE-EIS



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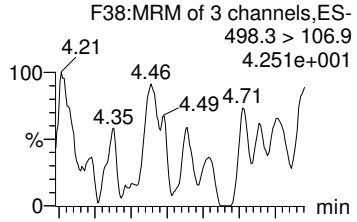
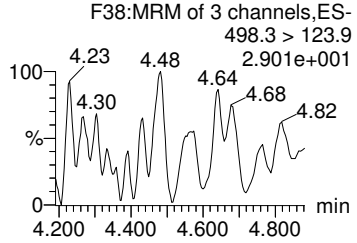
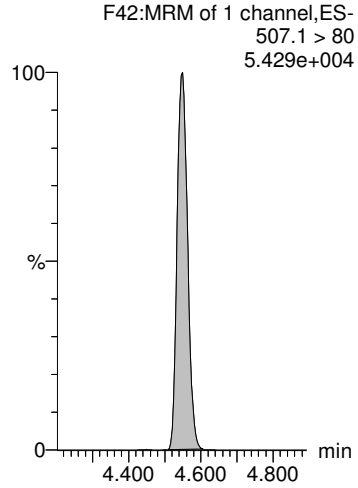
Name: 200608P1-42, Date: 09-Jun-2020, Time: 00:26:29, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

TDCA

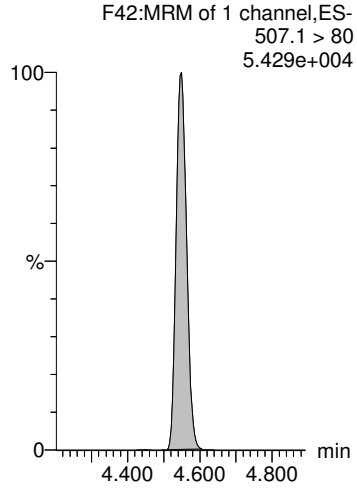




13C8-PFOS-EIS



13C8-PFOS-EIS



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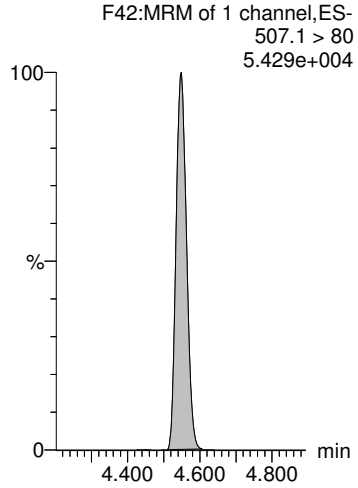

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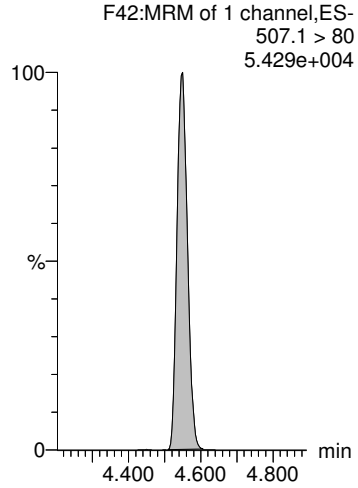
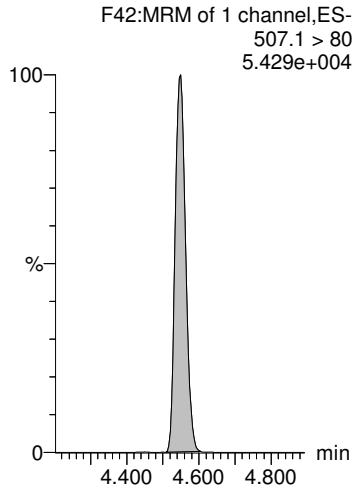


13C8-PFOS-EIS



Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

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Name: 200609P1-40, Date: 09-Jun-2020, Time: 20:03:21, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9	3.82e3	6.97e3	0.111		2.11	2.11	6.85	69.7254			
2	49	13C3-PFPeA-EIS	266.0 > 221.8	6.97e3		0.111	746.767	2.04	2.11	6970	83.8946	74.7		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

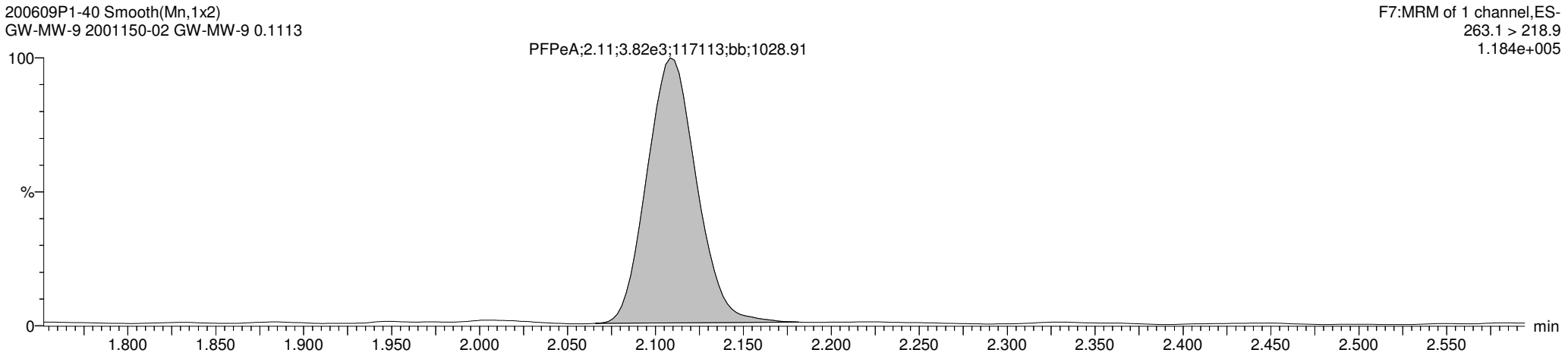
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:16:16 Pacific Daylight Time

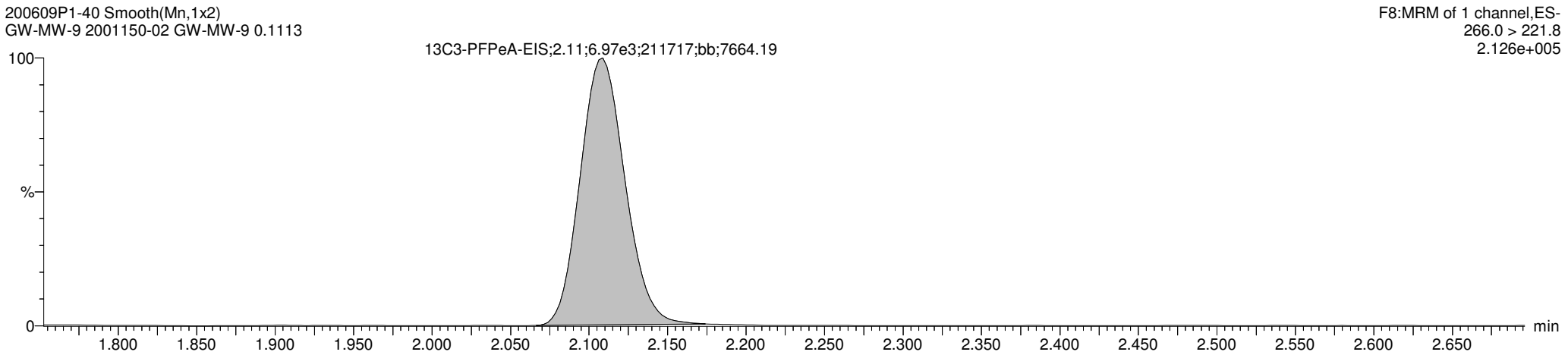
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-40, Date: 09-Jun-2020, Time: 20:03:21, ID: 2001150-02 GW-MW-9 0.1113, Description: GW-MW-9

PFPeA



13C3-PFPeA-EIS



QPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
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Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	2.56e3	4.01e3	0.107		1.15	1.15	7.99	72.8056			
2	5	PFBS	299.0 > 80	7.27e1	9.37e2	0.107		2.37	2.38	0.970	3.3975		2.24	NO
3	7	PFHxA	313.0 > 269.0	1.61e4	9.05e3	0.107		2.89	2.89	22.3	210.3320		16.3	NO
4	11	PFHpA	363.0 > 319	3.58e4	7.80e3	0.107		3.51	3.52	57.4	422.0995		44.6	NO
5	15	6:2 FTS	427.0 > 407		1.16e3	0.107		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.01e3		0.107	328.442	1.37	1.15	4010	113.6460	97.6		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.37e2		0.107	84.154	2.29	2.37	937	103.6848	89.1		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	9.05e3		0.107	881.695	3.04	2.89	9050	95.5744	82.1		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	7.80e3		0.107	800.216	3.50	3.51	7800	90.8270	78.0		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.16e3		0.107	110.222	4.07	3.96	1160	97.8052	84.0		
11	-1													
12	13	L-PFHxS	399 > 79.9	1.98e2	1.98e3	0.107		3.66	3.66	1.25	11.6534		2.88	NO
13	1...	Total PFHxS	399 > 79.9	1.98e2	1.98e3	0.107		3.93		1.25	11.6534			
14	19	PFHpS	449.0 > 80	1.72e2	1.79e3	0.107		4.17	4.13	1.20	11.6767		1.98	NO
15	21	PFNA	463.0 > 418.8	3.42e4	8.88e3	0.107		4.46	4.46	48.1	391.5334		13.3	NO
16	22	PFOSA	498 > 78	2.69e2	2.03e3	0.107		4.51	4.50	1.66	23.3039		17.4	NO
17	61	13C3-PFHxS-EIS	402 > 80	1.98e3		0.107	173.420	3.88	3.66	1980	106.4872	91.5		
18	61	13C3-PFHxS-EIS	402 > 80	1.98e3		0.107	173.420	3.88	3.66	1980	106.4872	91.5		
19	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
20	65	13C5-PFNA-EIS	468.2 > 422.9	8.88e3		0.107	880.063	4.70	4.46	8880	94.0281	80.8		
21	67	13C8-PFOSA-EIS	506 > 78	2.03e3		0.107	278.373	4.68	4.51	2030	67.9327	58.3		
22	-1													
23	16	L-PFOA	413 > 369	7.79e4	1.03e4	0.107		4.02	4.01	94.3	914.2546		3.21	NO
24	1...	Total PFOA	413 > 369	7.79e4	1.03e4	0.107		4.60		94.3	914.2546			
25	23	L-PFOS	499 > 80	1.52e4	1.79e3	0.107		4.55	4.55	106	819.4345		2.88	NO
26	1...	Total PFOS	499> 80	1.52e4	1.79e3	0.107		4.60		106	819.4345			
27	26	PFDA	513 > 469	6.73e3	1.06e4	0.107		4.84	4.84	7.95	81.1859		4.72	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.03e4		0.107	1040.374	4.19	4.02	10300	92.4734	79.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.03e4		0.107	1040.374	4.19	4.02	10300	92.4734	79.4		
30	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
31	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.06e4		0.107	1046.803	4.83	4.84	10600	94.1604	80.9		
33	-1													
34	27	8:2 FTS	527.1 > 507	8.37e0	1.09e3	0.107		4.81	4.82	0.0958	1.8675		2.41	YES
35	29	L-MeFOSAA	570 > 419		2.41e3	0.107		4.99						YES
36	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.41e3	0.107		5.19		0.000				

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519		1.10e4	0.107		5.17						YES
38	34	PFDS	599.1 > 80.0		1.79e3	0.107		5.15						YES
39	75	13C2-8:2 FTS-EIS	529 > 80	1.09e3		0.107	105.584	4.97	4.81	1090	96.3604	82.8		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.41e3		0.107	265.439	4.98	4.99	2410	84.7222	72.8		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.41e3		0.107	265.439	4.98	4.99	2410	84.7222	72.8		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.10e4		0.107	1152.628	5.16	5.17	11000	88.7038	76.2		
43	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
44	-1													
45	31	L-EtFOSAA	584 > 419	6.89e0	1.61e3	0.107		5.15	5.16	0.0536	0.9287		1.20	NO
46	1...	Total N-EtFOSAA	584 > 419	6.89e0	1.61e3	0.107		5.37		0.0536	0.9287			
47	37	PFDoA	612.9 > 569.0		1.25e4	0.107		5.45						YES
48	39	PFTrDA	662.9 > 618.9		1.25e4	0.107		5.69						YES
49	41	PFTeDA	713.0 > 669.0		9.19e3	0.107		5.91						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.61e3		0.107	180.267	5.14	5.15	1610	83.0127	71.3		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.61e3		0.107	180.267	5.14	5.15	1610	83.0127	71.3		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.25e4		0.107	1291.517	5.44	5.45	12500	90.4605	77.7		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.25e4		0.107	1291.517	5.44	5.45	12500	90.4605	77.7		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	9.19e3		0.107	1166.538	5.91	5.91	9190	73.3945	63.0		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		2.89e3	0.107		5.49						YES
57	42	N-EtFOSA	526.1 > 168.9		4.61e3	0.107		5.93						YES
58	43	PFHxDA	813 > 769		8.45e3	0.107		6.26						YES
59	45	N-MeFOSE	616.1 > 58.9		8.98e3	0.107		6.18						
60	46	N-EtFOSE	630.1 > 58.9		9.78e3	0.107		6.34						
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.89e3		0.107	75.834	5.50	5.50	2890	355.0011	25.5		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.61e3		0.107	118.357	5.95	5.95	4610	362.9968	26.1		
63	93	13C2-PFHxDA-EIS	815 > 769.7	8.45e3		0.107	1727.390	6.26	6.26	8450	45.5629	39.1		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	8.98e3		0.107	98.401	6.18	6.18	8980	850.4356	61.2		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9.78e3		0.107	105.274	6.33	6.34	9780	865.6614	62.3		
66	-1													
67	1...	TDCA	498.3>106.9			0.107		4.73						YES
68	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
69	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
70	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
71	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		
72	71	13C8-PFOS-EIS	507.1 > 80	1.79e3		0.107	173.038	4.76	4.55	1790	96.3784	82.8		

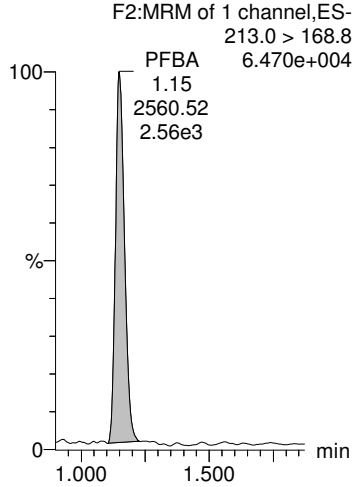
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:58:42 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

PFBA



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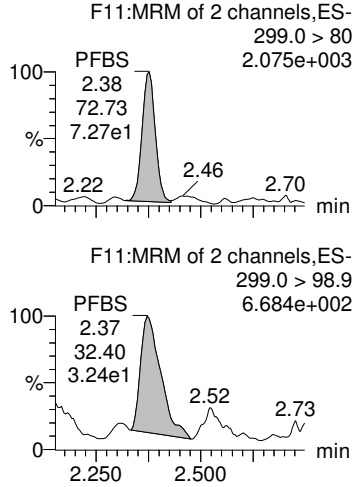

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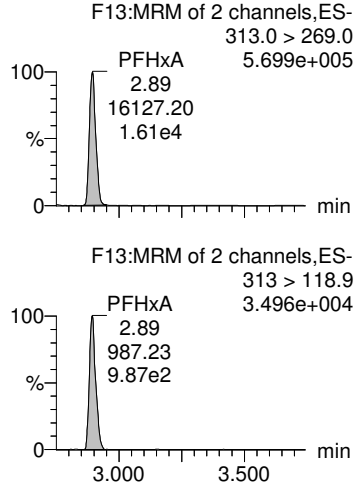

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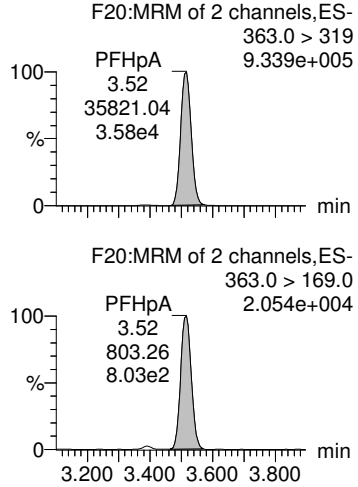
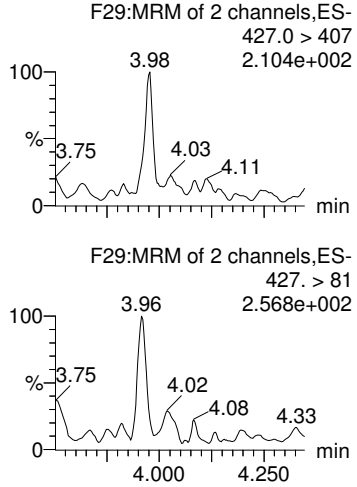


6:2 FTS



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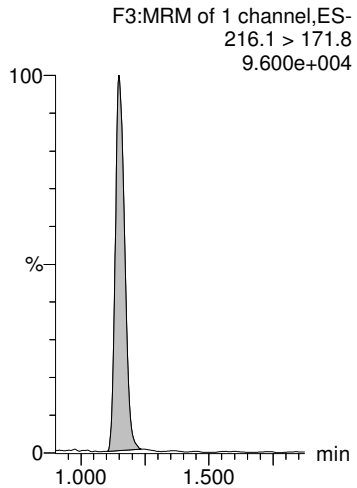

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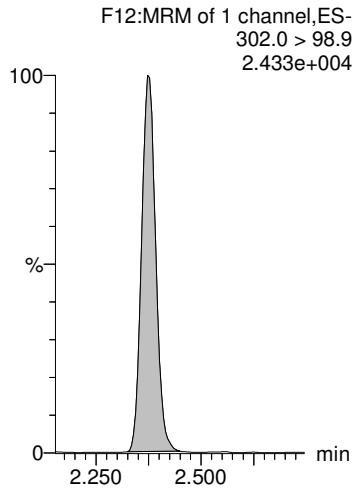

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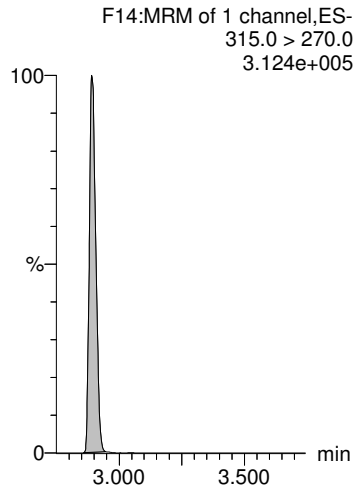

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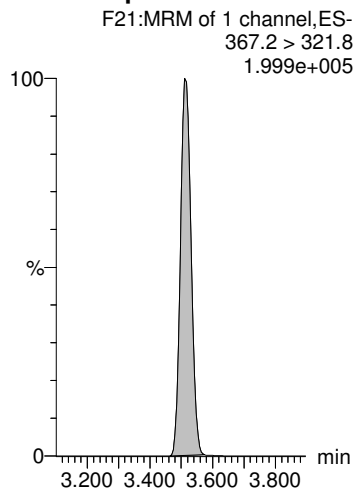
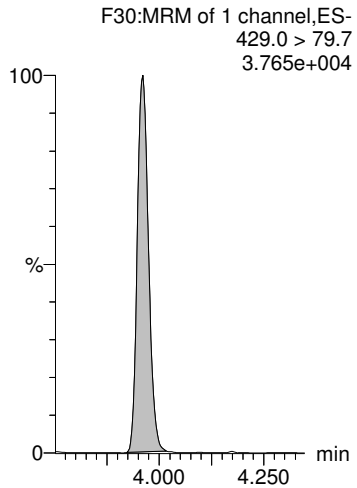


13C2-6:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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Printed: Monday, June 15, 2020 14:58:42 Pacific Daylight Time

Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

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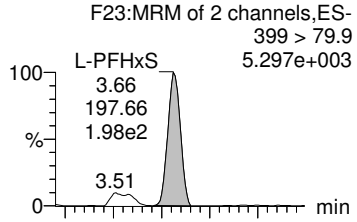

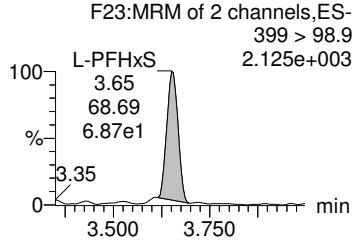

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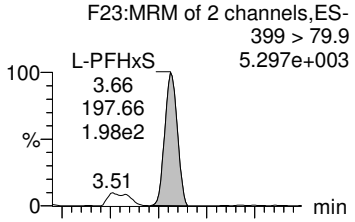

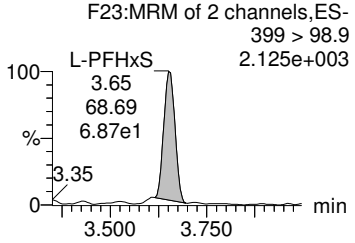

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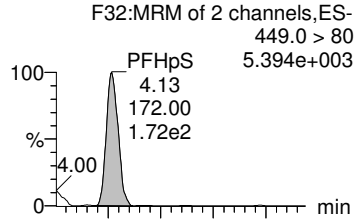

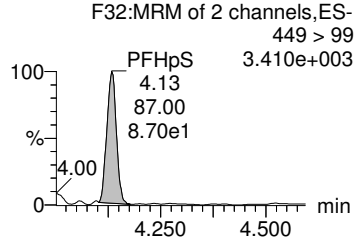

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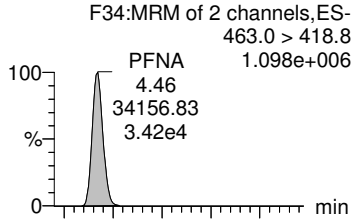

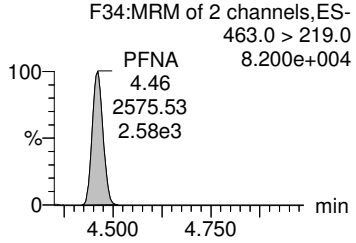

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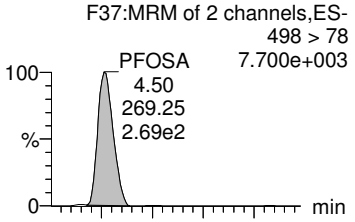

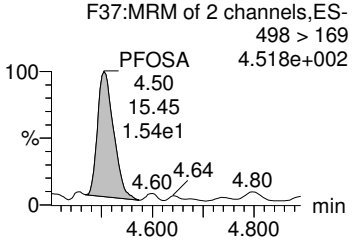

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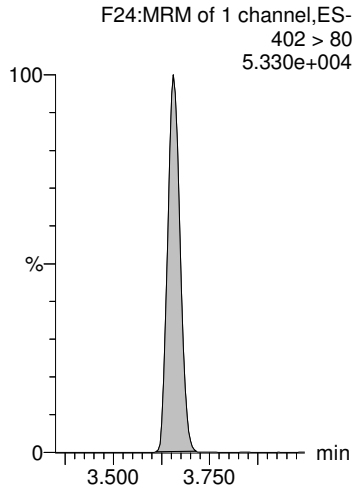

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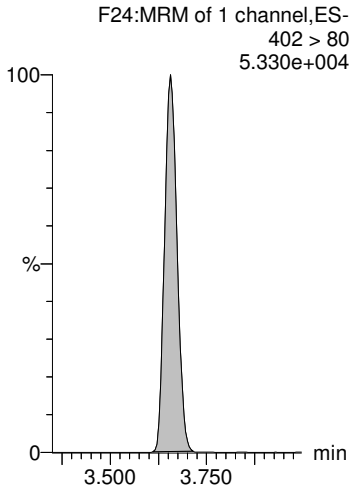

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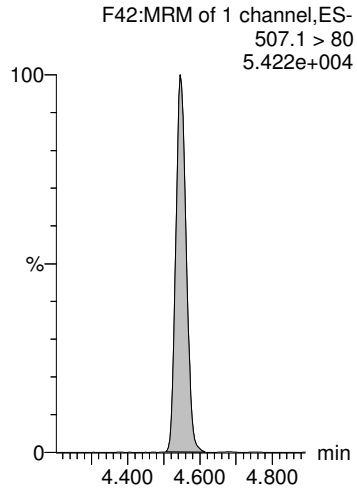

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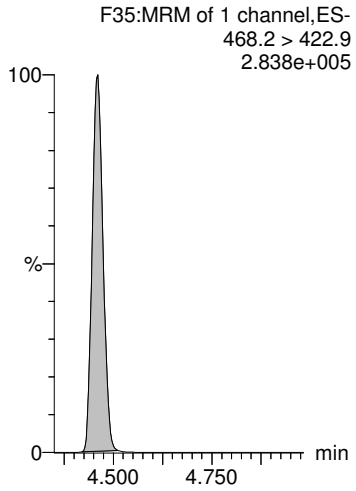

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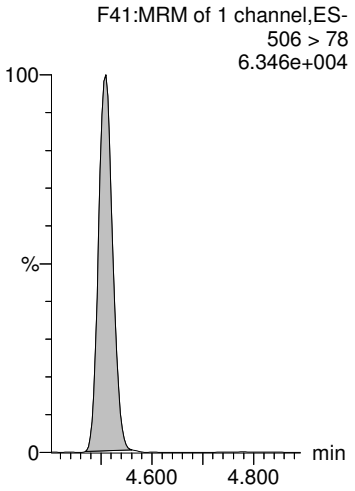

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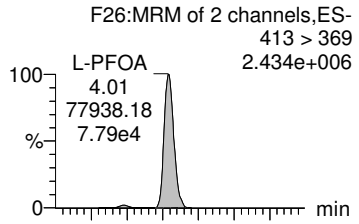
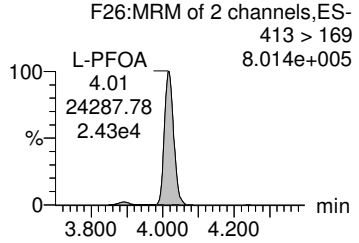
Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:58:42 Pacific Daylight Time

Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

L-PFOA





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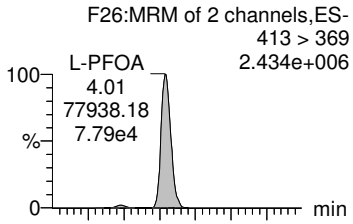
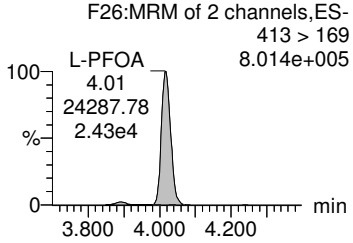
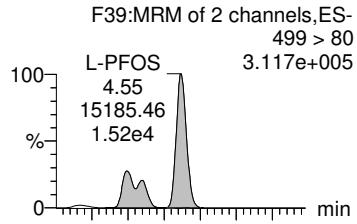
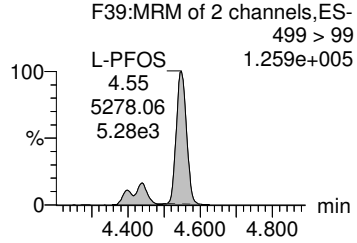




L-PFOS





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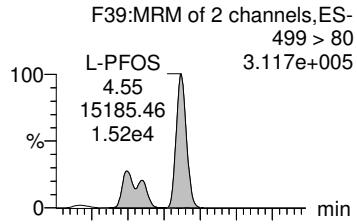

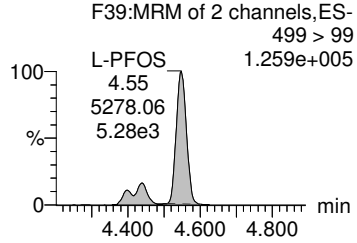

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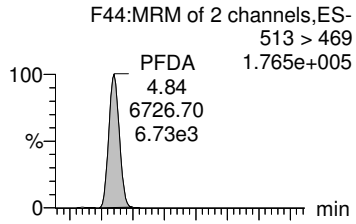

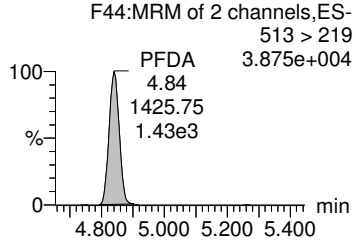

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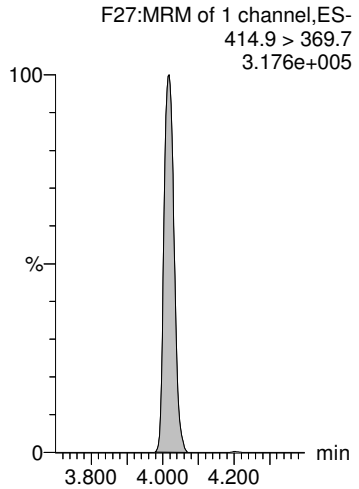

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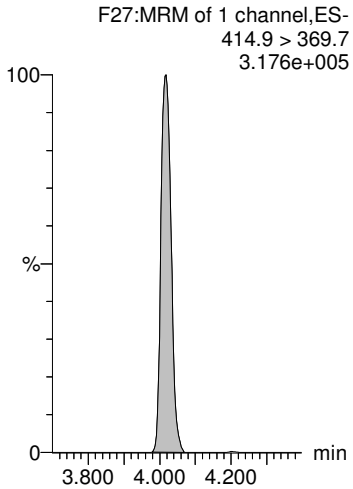
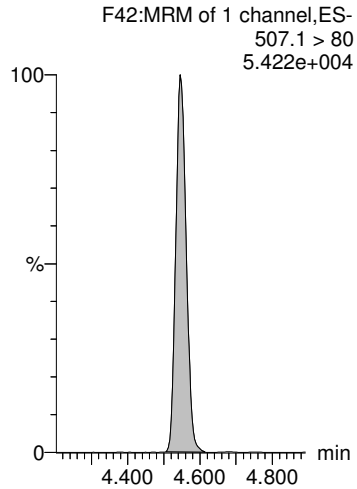


13C8-PFOS-EIS



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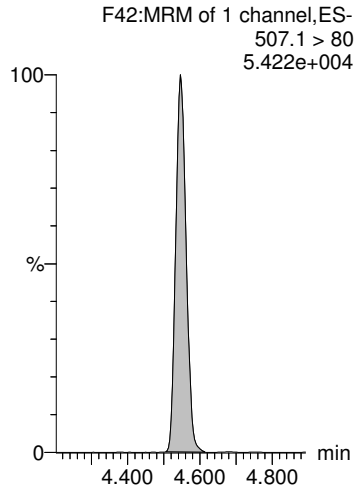

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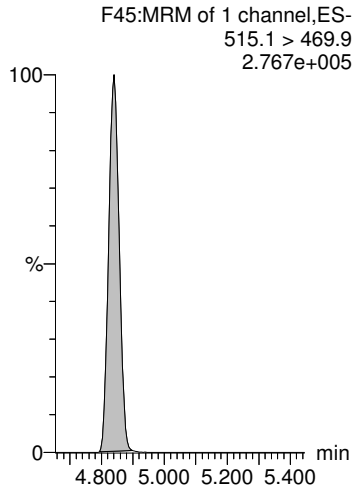

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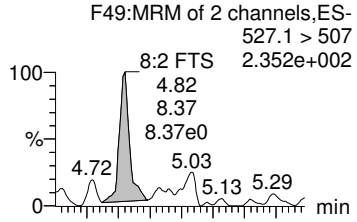
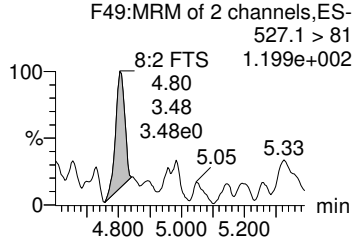
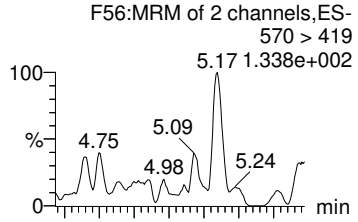
Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

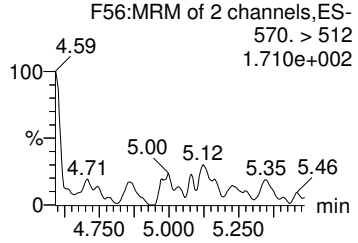
8:2 FTS





L-MeFOSAA





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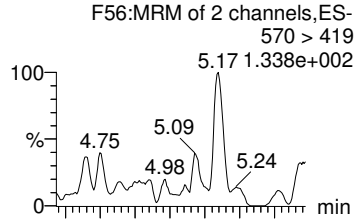
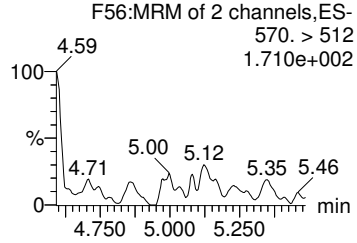
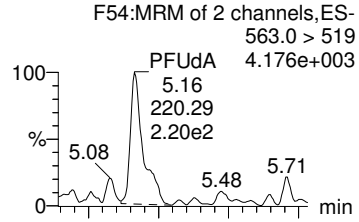
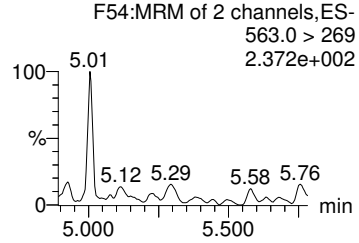


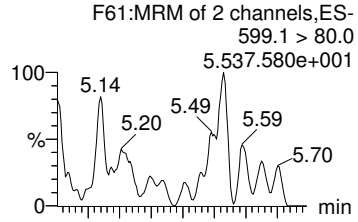


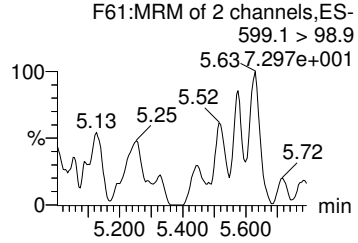
PFUdA



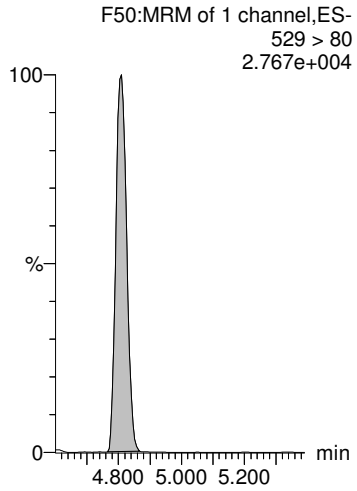


PFDS

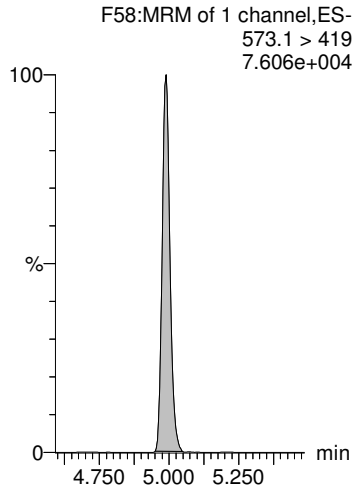




13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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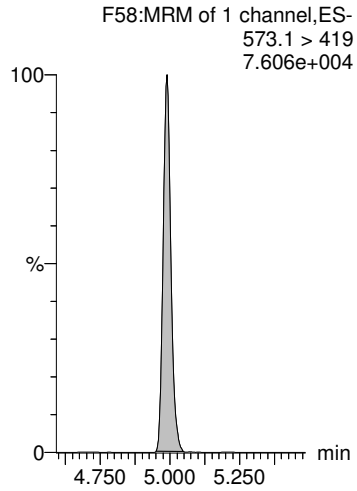

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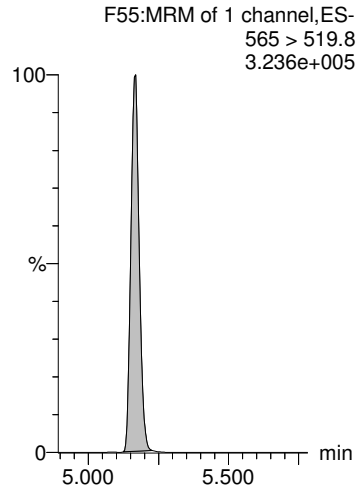

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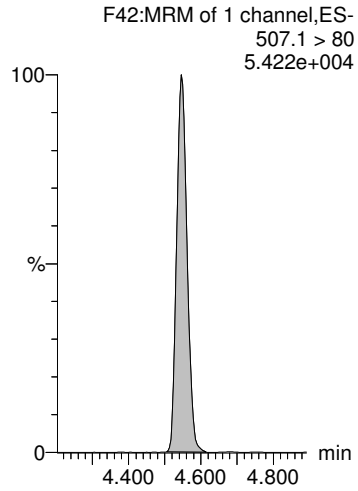
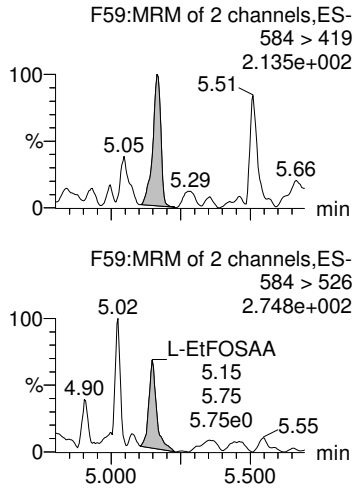


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:58:42 Pacific Daylight Time

Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

L-EtFOSAA



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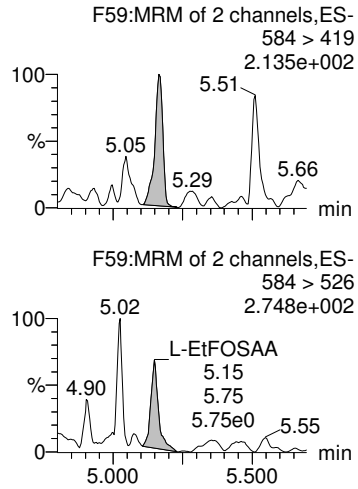
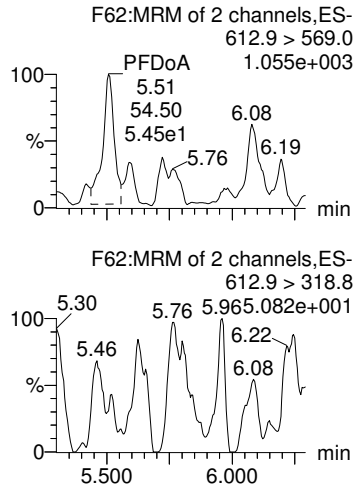


PFDoA



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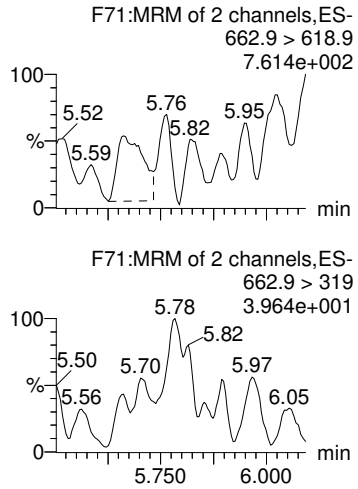

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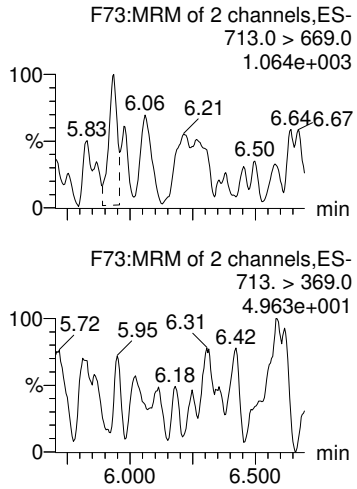
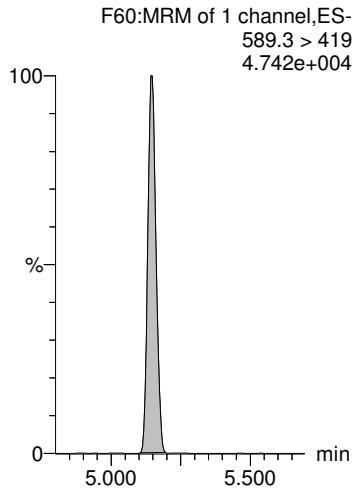
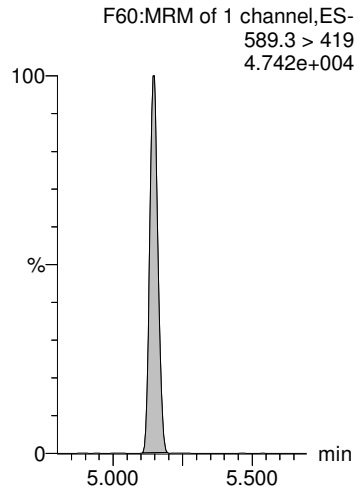


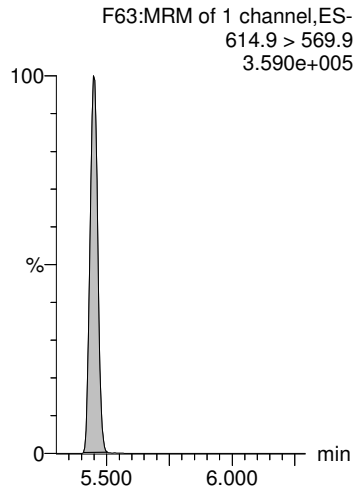
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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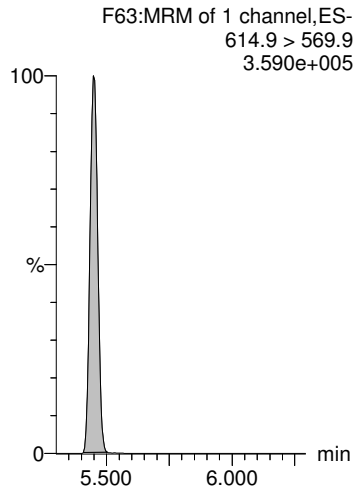

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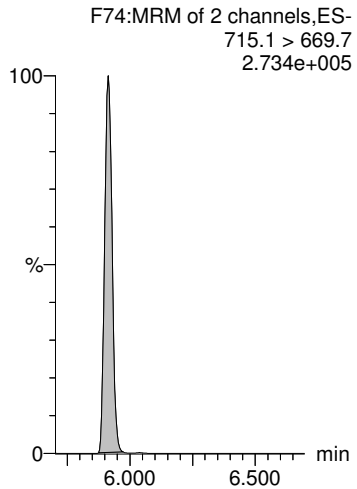
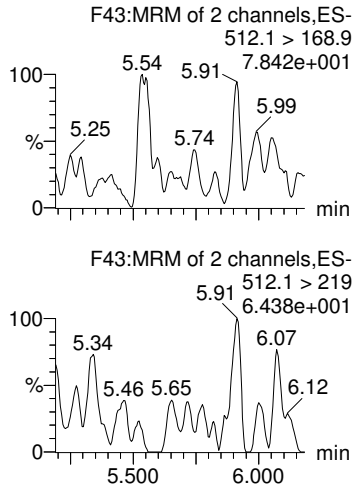


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

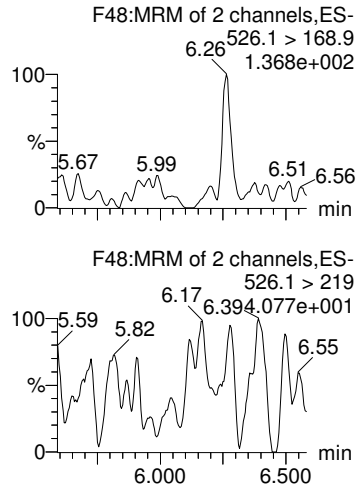
Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:58:42 Pacific Daylight Time

Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

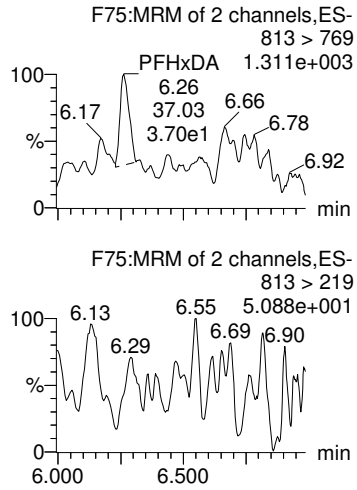
N-MeFOSA



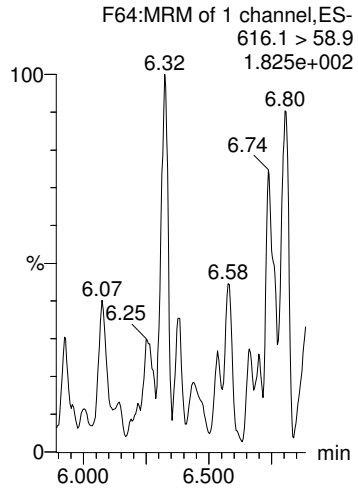
N-EtFOSA



PFHxDA



N-MeFOSE



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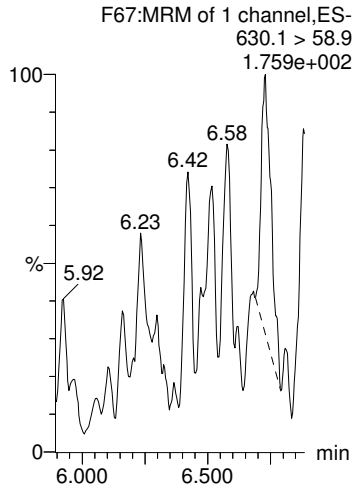
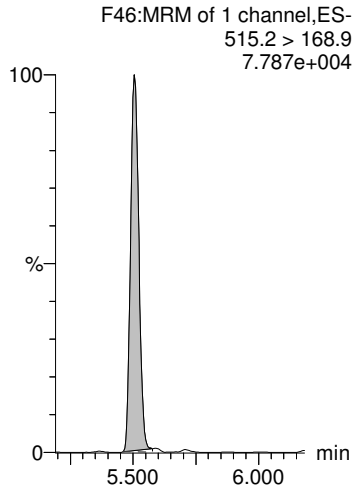
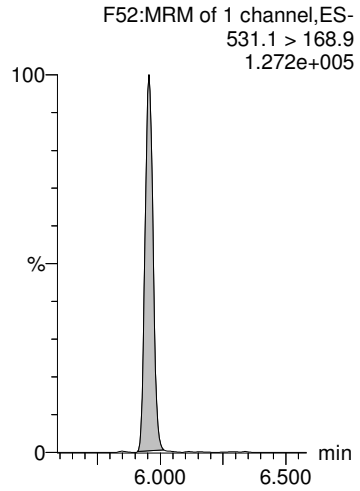


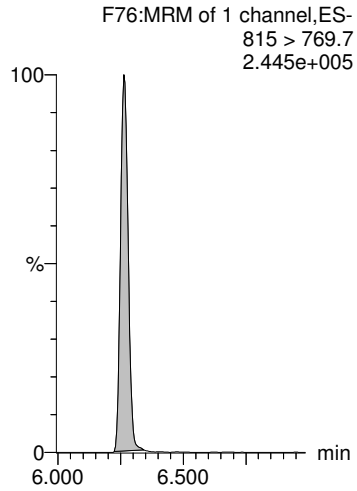
d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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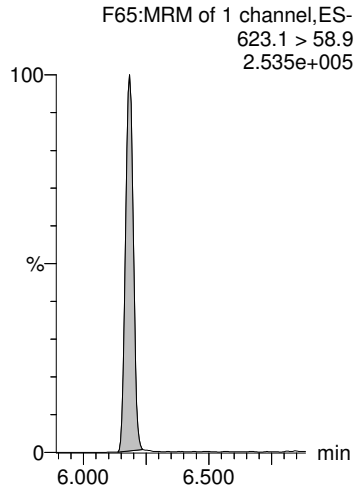

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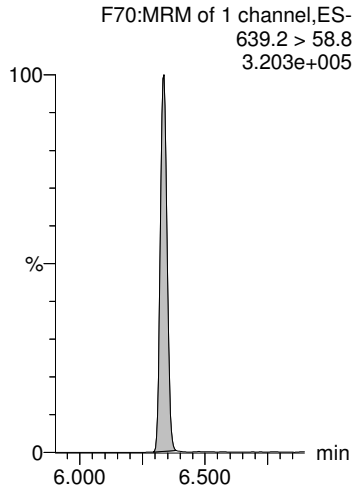
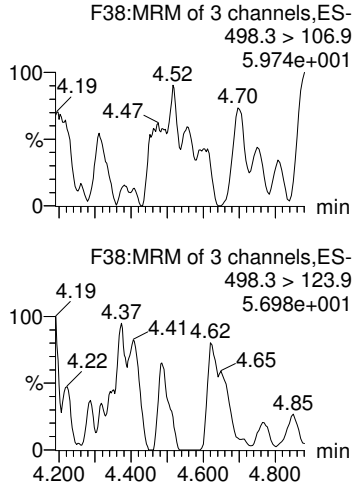


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:58:42 Pacific Daylight Time

Name: 200608P1-43, Date: 09-Jun-2020, Time: 00:37:00, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

TDCA



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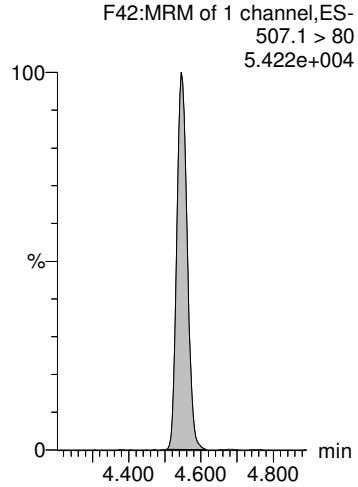

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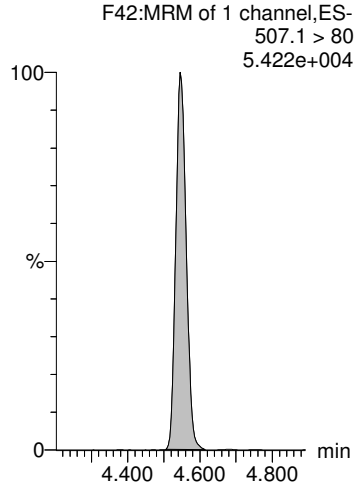

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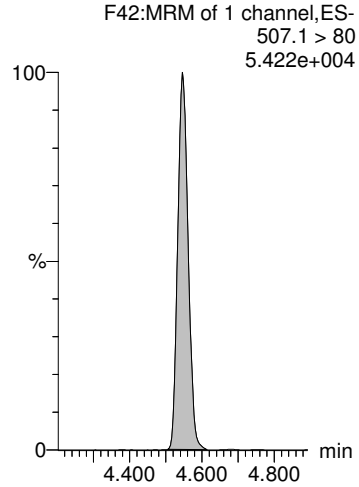

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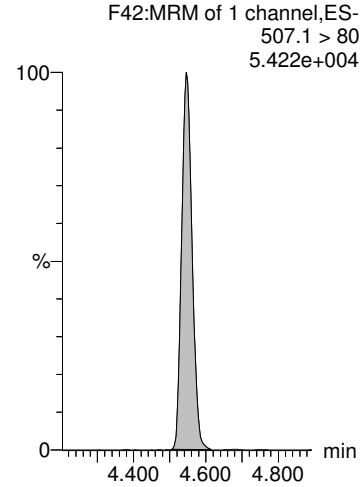

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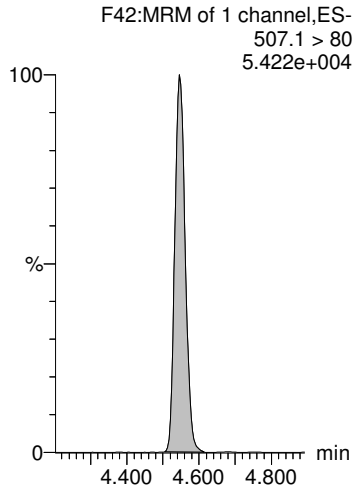


Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:16:57 Pacific Daylight Time

Name: 200609P1-41, Date: 09-Jun-2020, Time: 20:13:49, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9	7.99e3	7.23e3	0.107		2.11	2.11	13.8	146.2224			
2	49	13C3-PFPeA-EIS	266.0 > 221.8	7.23e3		0.107	746.767	2.04	2.11	7230	90.1945	77.5		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

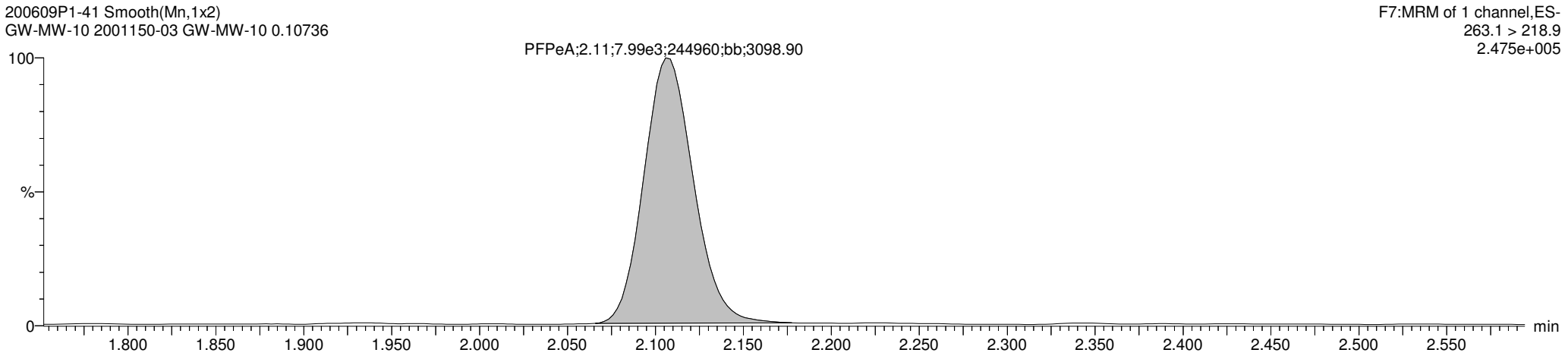
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:16:57 Pacific Daylight Time

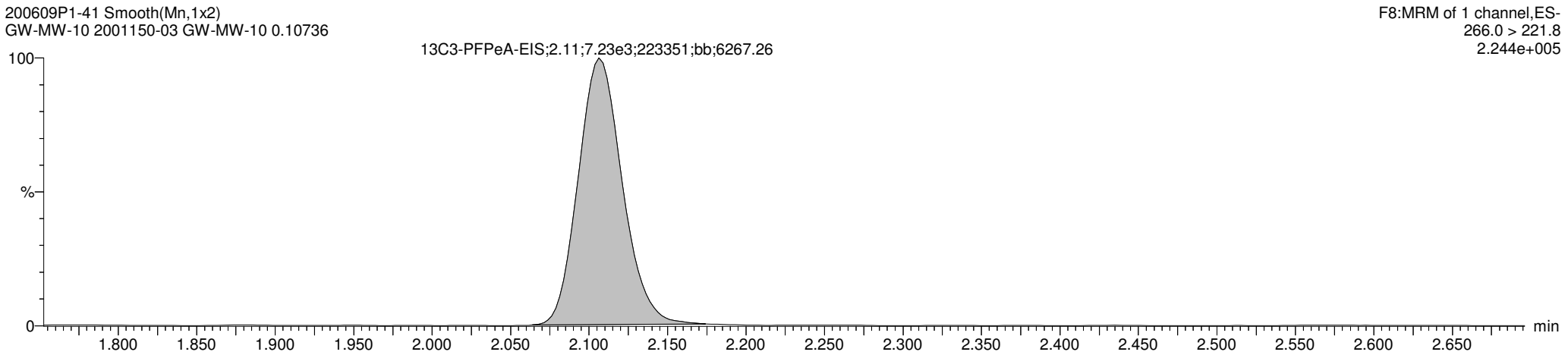
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-41, Date: 09-Jun-2020, Time: 20:13:49, ID: 2001150-03 GW-MW-10 0.10736, Description: GW-MW-10

PFPeA



13C3-PFPeA-EIS



QPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:59:25 Pacific Daylight Time

Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4.51e2	2.32e3	0.108		1.15	1.15	2.43	21.5966			
2	5	PFBS	299.0 > 80	1.35e2	9.10e2	0.108		2.37	2.37	1.86	6.7018		1.76	YES
3	7	PFHxA	313.0 > 269.0	5.90e3	9.32e3	0.108		2.89	2.89	7.91	73.8623		16.3	NO
4	11	PFHpA	363.0 > 319	9.35e3	8.13e3	0.108		3.52	3.52	14.4	104.5625		40.3	NO
5	15	6:2 FTS	427.0 > 407		1.23e3	0.108		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.32e3		0.108	328.442	1.37	1.15	2320	65.4724	56.5		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.10e2		0.108	84.154	2.29	2.37	910	100.2529	86.5		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	9.32e3		0.108	881.695	3.04	2.89	9320	98.0368	84.6		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	8.13e3		0.108	800.216	3.50	3.52	8130	94.2381	81.3		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.23e3		0.108	110.222	4.07	3.96	1230	103.6034	89.4		
11	-1													
12	13	L-PFHxS	399 > 79.9	3.94e2	1.91e3	0.108		3.66	3.66	2.57	23.3420		4.58	NO
13	1...	Total PFHxS	399 > 79.9	3.94e2	1.91e3	0.108		3.93		2.57	23.3420			
14	19	PFHpS	449.0 > 80	3.31e1	1.85e3	0.108		4.17	4.14	0.223	1.7538		2.28	NO
15	21	PFNA	463.0 > 418.8	3.33e3	9.39e3	0.108		4.46	4.46	4.43	35.1833		13.1	NO
16	22	PFOSA	498 > 78	1.25e2	2.12e3	0.108		4.51	4.51	0.736	9.8919		10.3	NO
17	61	13C3-PFHxS-EIS	402 > 80	1.91e3		0.108	173.420	3.88	3.66	1910	102.3579	88.3		
18	61	13C3-PFHxS-EIS	402 > 80	1.91e3		0.108	173.420	3.88	3.66	1910	102.3579	88.3		
19	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
20	65	13C5-PFNA-EIS	468.2 > 422.9	9.39e3		0.108	880.063	4.70	4.46	9390	98.9666	85.4		
21	67	13C8-PFOSA-EIS	506 > 78	2.12e3		0.108	278.373	4.68	4.51	2120	70.6555	61.0		
22	-1													
23	16	L-PFOA	413 > 369	2.56e4	1.01e4	0.108		4.02	4.02	31.9	309.6342		3.17	NO
24	1...	Total PFOA	413 > 369	2.56e4	1.01e4	0.108		4.60		31.9	309.6342			
25	23	L-PFOS	499 > 80	1.14e3	1.85e3	0.108		4.55	4.55	7.69	58.3589		2.80	NO
26	1...	Total PFOS	499> 80	1.14e3	1.85e3	0.108		4.60		7.69	58.3589			
27	26	PFDA	513 > 469	3.27e2	1.16e4	0.108		4.84	4.84	0.352	3.0689		4.99	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.01e4		0.108	1040.374	4.19	4.02	10100	89.6488	77.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.01e4		0.108	1040.374	4.19	4.02	10100	89.6488	77.4		
30	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
31	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.16e4		0.108	1046.803	4.83	4.84	11600	102.8426	88.7		
33	-1													
34	27	8:2 FTS	527.1 > 507		1.09e3	0.108		4.81						YES
35	29	L-MeFOSAA	570 > 419		2.65e3	0.108		4.99						YES
36	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.65e3	0.108		5.19		0.000				

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519		1.12e4	0.108		5.17						YES
38	34	PFDS	599.1 > 80.0		1.85e3	0.108		5.15						YES
39	75	13C2-8:2 FTS-EIS	529 > 80	1.09e3		0.108	105.584	4.97	4.81	1090	95.6069	82.5		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.65e3		0.108	265.439	4.98	4.99	2650	92.6788	80.0		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.65e3		0.108	265.439	4.98	4.99	2650	92.6788	80.0		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.12e4		0.108	1152.628	5.16	5.17	11200	90.4796	78.1		
43	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
44	-1													
45	31	L-EtFOSAA	584 > 419	1.13e2	1.40e3	0.108		5.15	5.15	1.01	4.8456		2.27	NO
46	1...	Total N-EtFOSAA	584 > 419	1.13e2	1.40e3	0.108		5.37		1.01	4.8456			
47	37	PFDoA	612.9 > 569.0		1.23e4	0.108		5.45						YES
48	39	PFTrDA	662.9 > 618.9		1.23e4	0.108		5.70						YES
49	41	PFTeDA	713.0 > 669.0		1.01e4	0.108		5.91						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.40e3		0.108	180.267	5.14	5.15	1400	71.8391	62.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.40e3		0.108	180.267	5.14	5.15	1400	71.8391	62.0		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.23e4		0.108	1291.517	5.44	5.45	12300	88.2542	76.2		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.23e4		0.108	1291.517	5.44	5.45	12300	88.2542	76.2		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.01e4		0.108	1166.538	5.91	5.91	10100	80.1271	69.1		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		3.16e3	0.108		5.50						YES
57	42	N-EtFOSA	526.1 > 168.9		4.46e3	0.108		5.94						YES
58	43	PFHxDA	813 > 769		8.67e3	0.108		6.27						YES
59	45	N-MeFOSE	616.1 > 58.9		9.15e3	0.108		6.18						
60	46	N-EtFOSE	630.1 > 58.9		9.78e3	0.108		6.33						
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.16e3		0.108	75.834	5.50	5.51	3160	385.9780	27.9		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.46e3		0.108	118.357	5.95	5.96	4460	349.3195	25.3		
63	93	13C2-PFHxDA-EIS	815 > 769.7	8.67e3		0.108	1727.390	6.26	6.27	8670	46.5551	40.2		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	9.15e3		0.108	98.401	6.18	6.18	9150	862.0704	62.3		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9.78e3		0.108	105.274	6.33	6.33	9780	861.4286	62.3		
66	-1													
67	1...	TDCA	498.3>106.9			0.108		4.73						YES
68	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
69	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
70	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
71	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		
72	71	13C8-PFOS-EIS	507.1 > 80	1.85e3		0.108	173.038	4.76	4.55	1850	99.3637	85.7		

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

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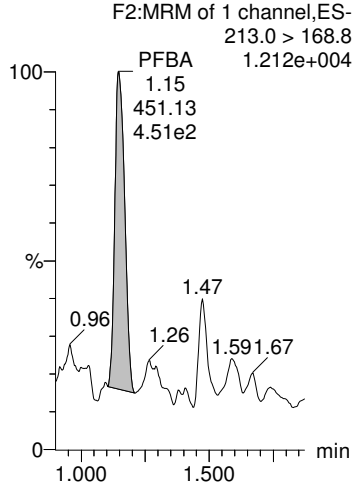
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

PFBA



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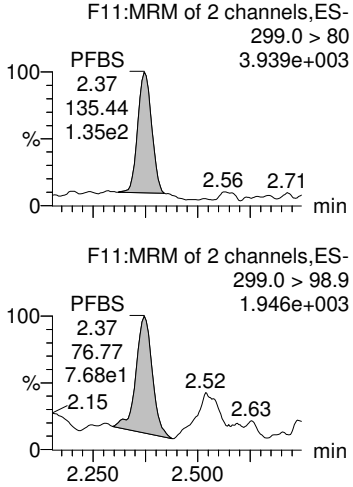
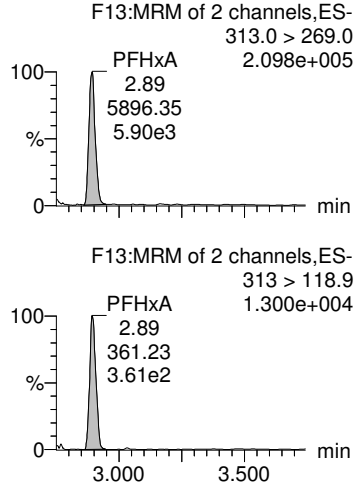
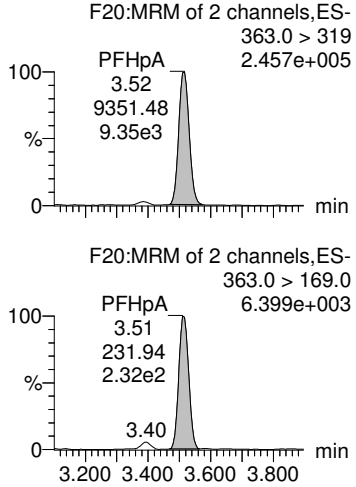


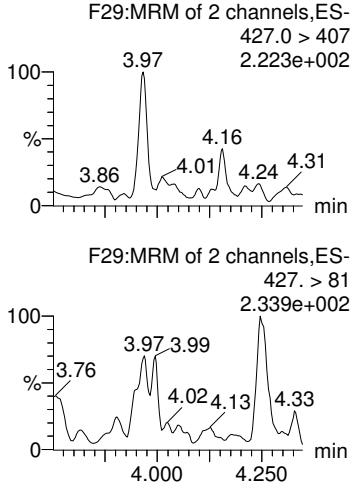
PFHxA



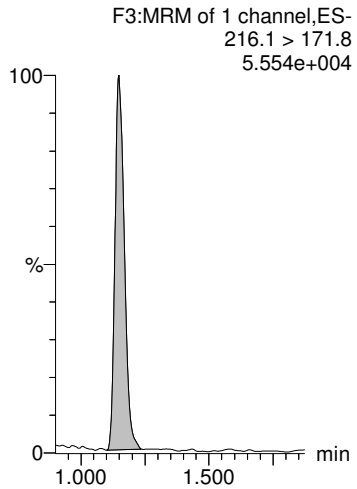
PFHpA



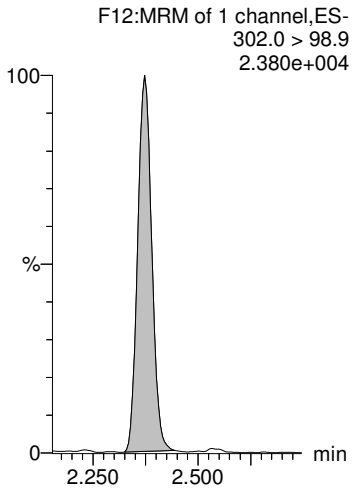
6:2 FTS



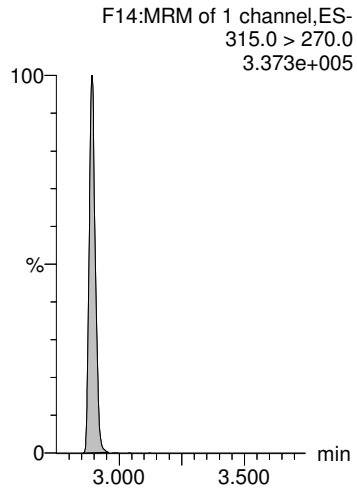
13C3-PFBA-EIS



13C3-PFBS-EIS



13C2-PFHxA-EIS



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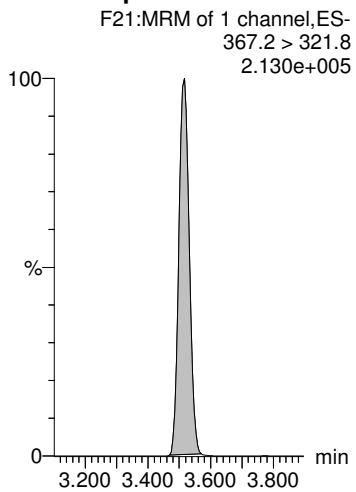
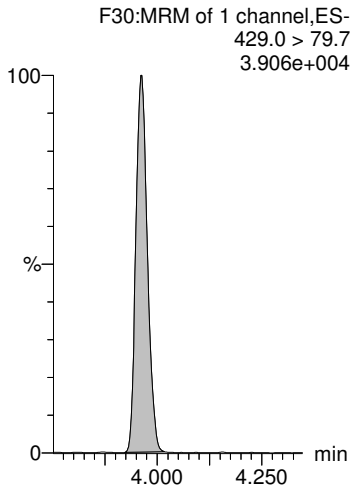


13C2-6:2 FTS-EIS



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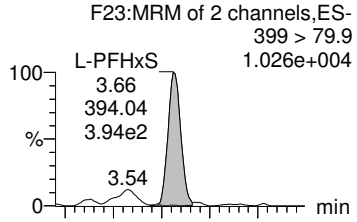
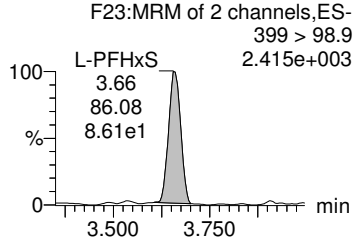
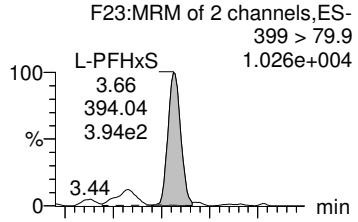
Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

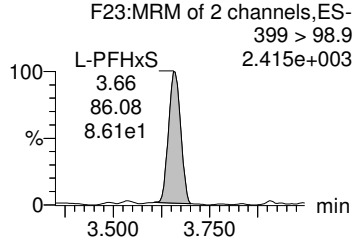
L-PFHxS



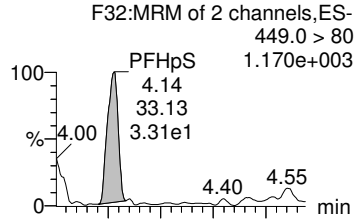


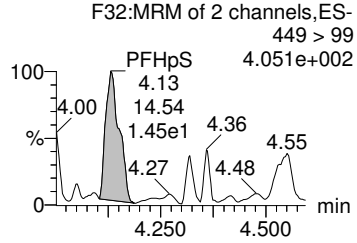
Total PFHxS



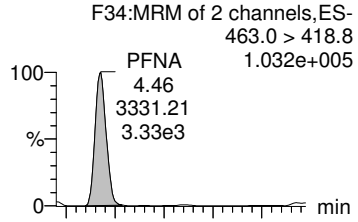


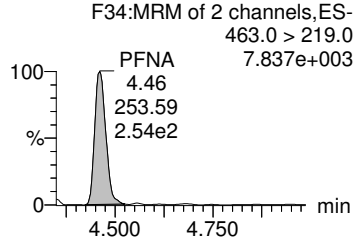
PFHpS





PFNA





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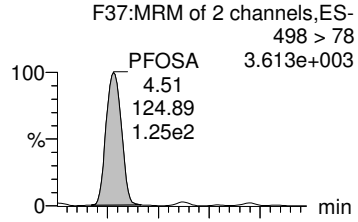

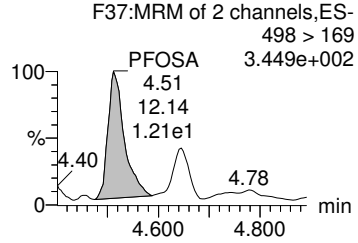

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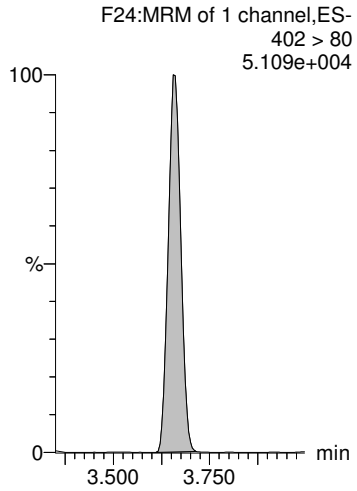

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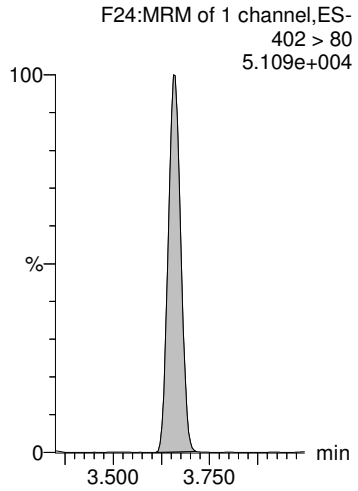

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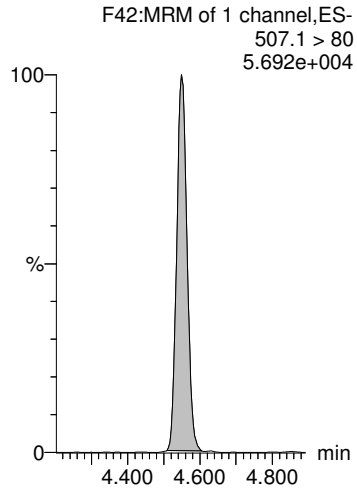
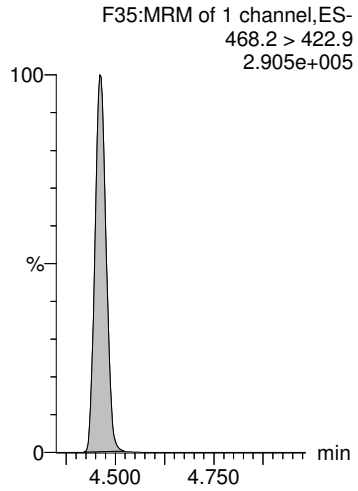


13C5-PFNA-EIS



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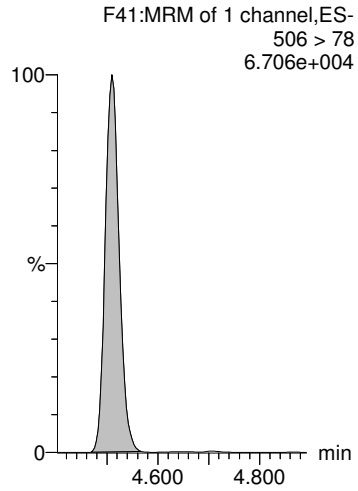

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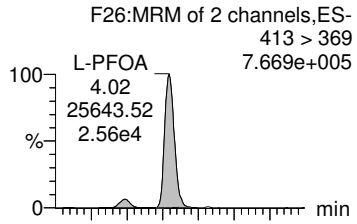
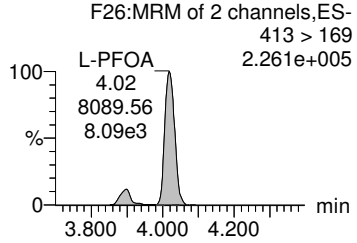
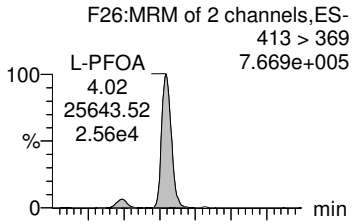
Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

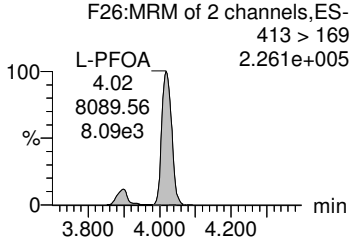
L-PFOA



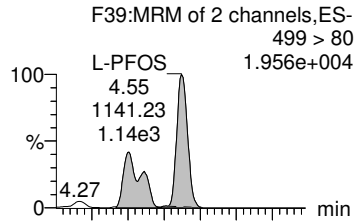


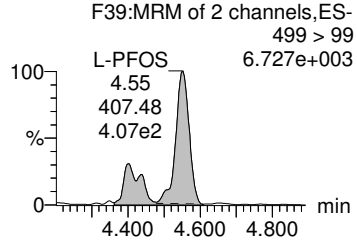
Total PFOA





L-PFOS





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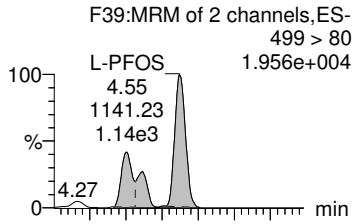

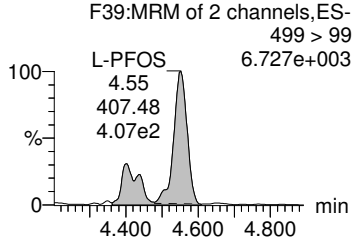

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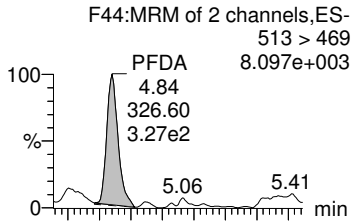

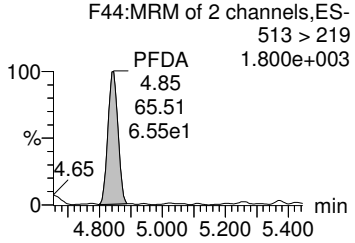

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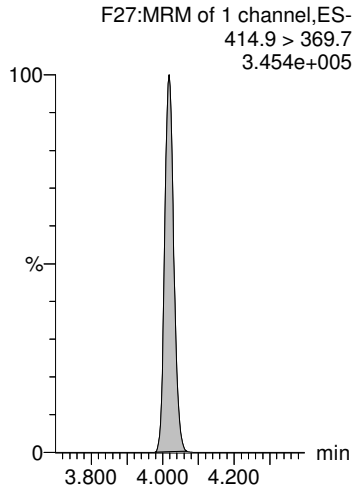

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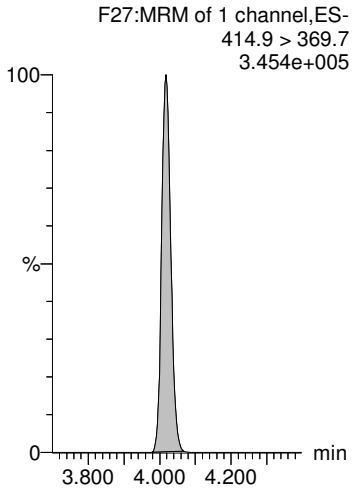

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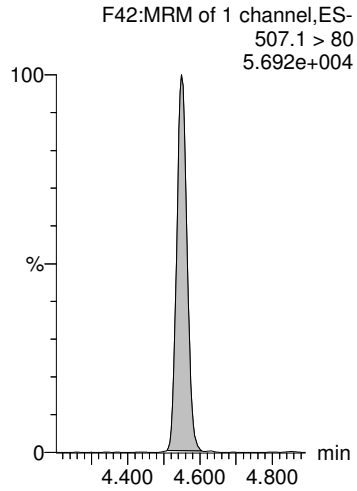

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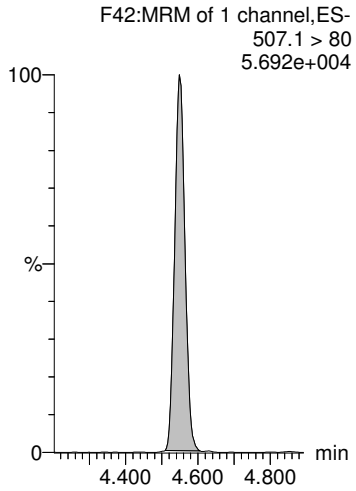

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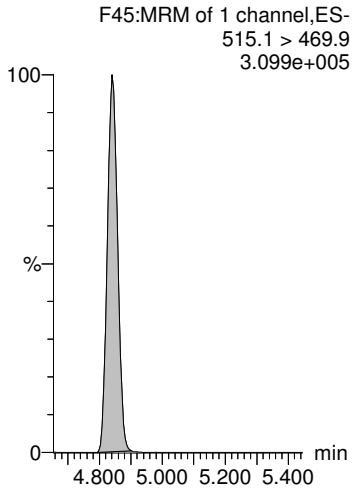

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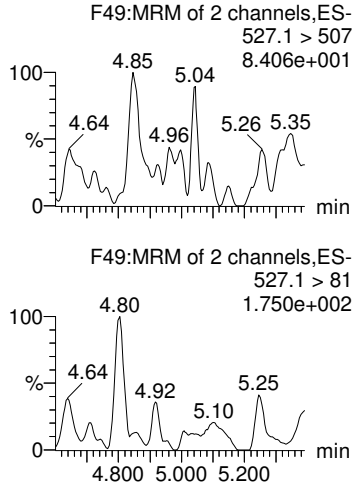
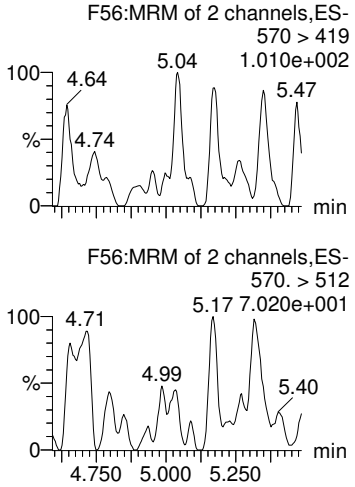
Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

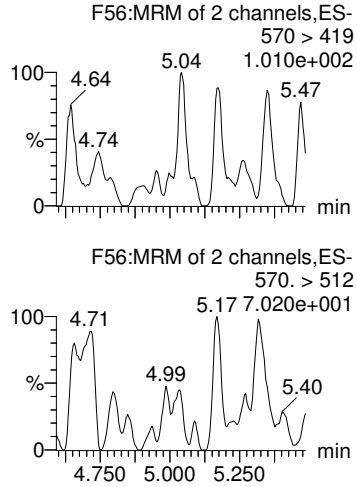
8:2 FTS



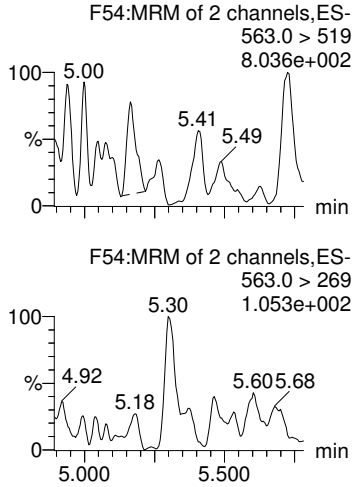
L-MeFOSAA



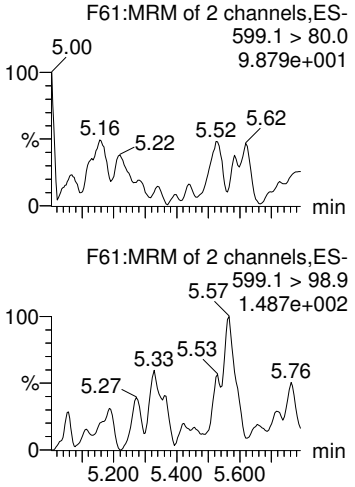
Total N-MeFOSAA



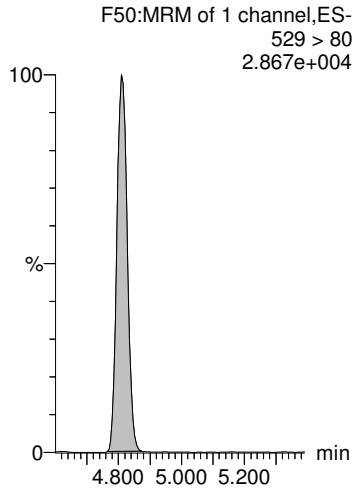
PFUdA



PFDS



13C2-8:2 FTS-EIS



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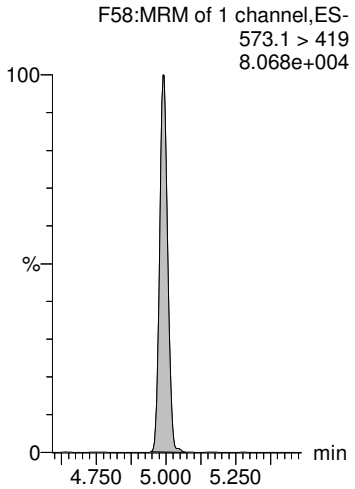

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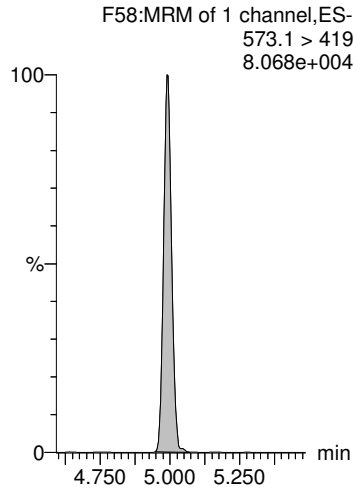

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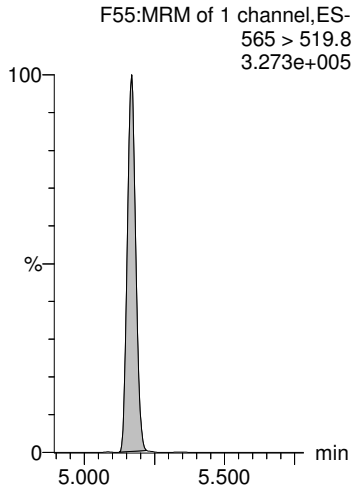

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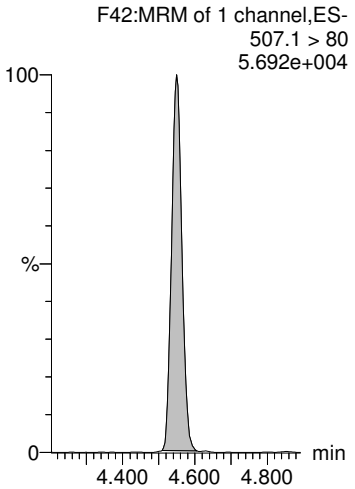
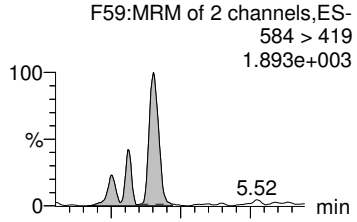


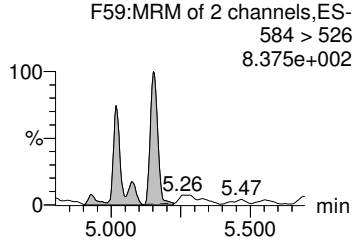
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-39-44.qld

Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:59:25 Pacific Daylight Time

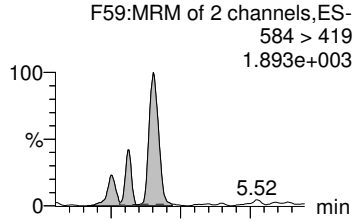
Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

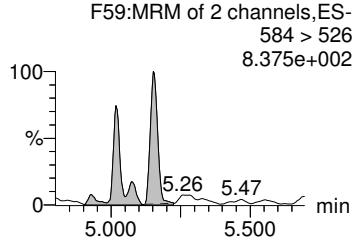
L-EtFOSAA



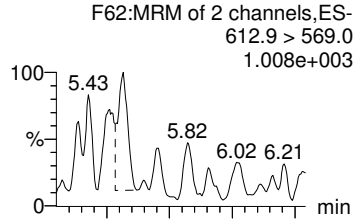


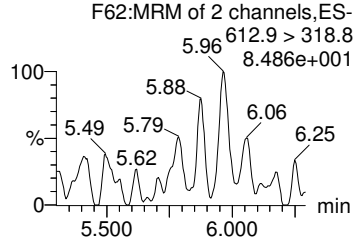
Total N-EtFOSAA





PFDoA





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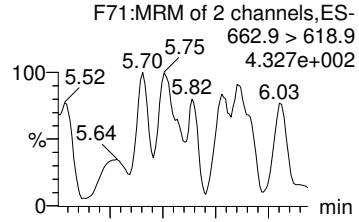

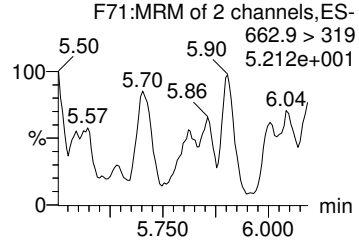

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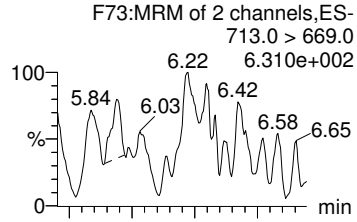
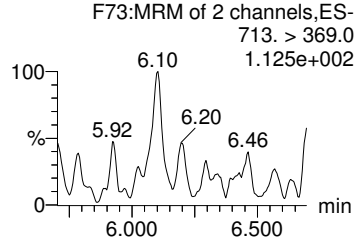
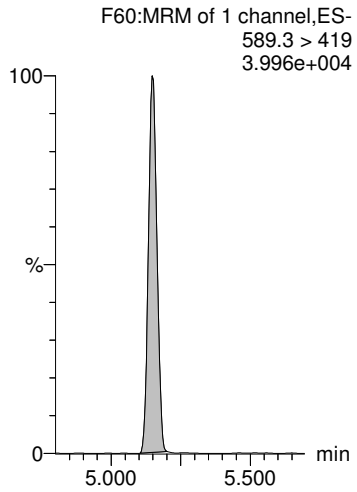




d5-N-EtFOSAA-EIS



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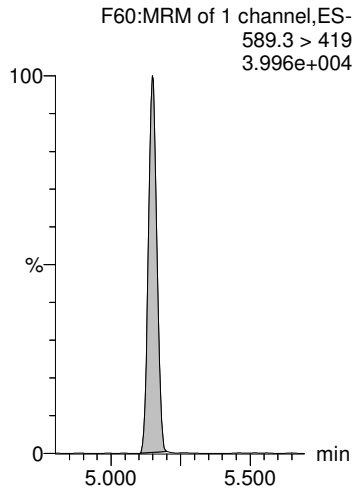

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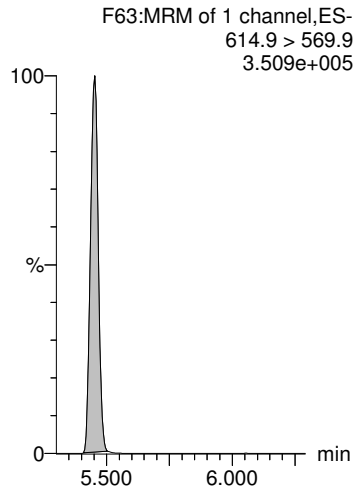

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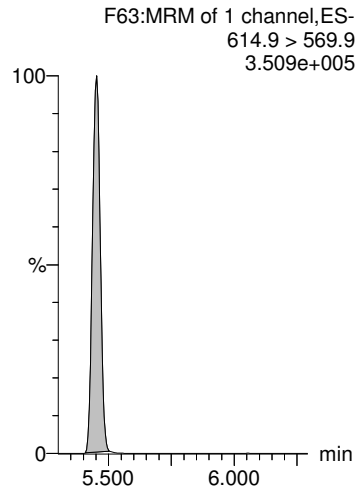
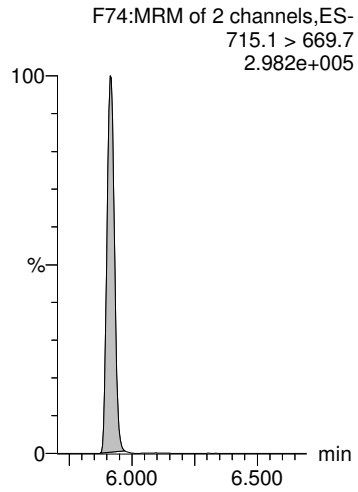


13C2-PFTeDA-EIS



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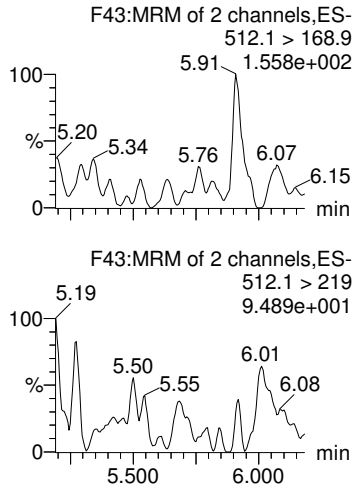
Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:59:25 Pacific Daylight Time

Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

N-MeFOSA



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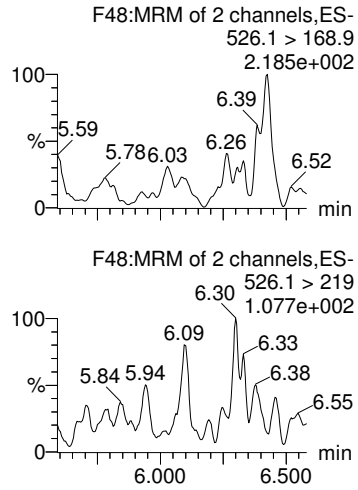

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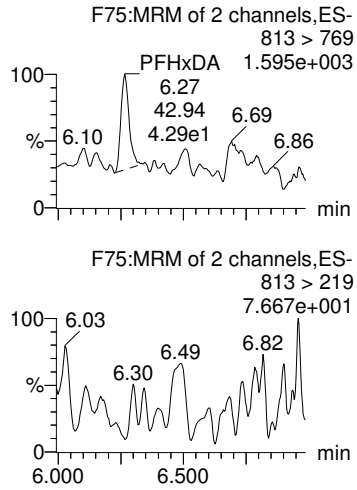

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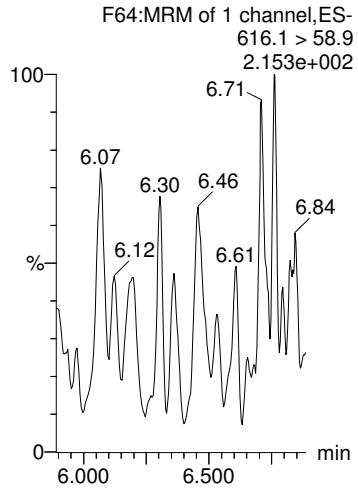

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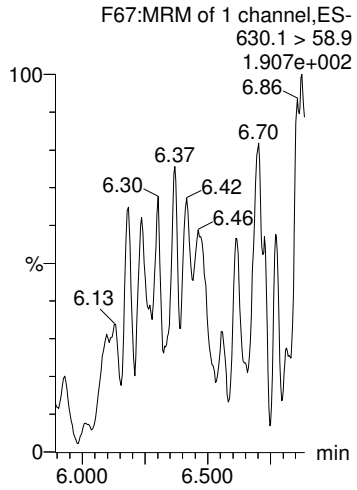

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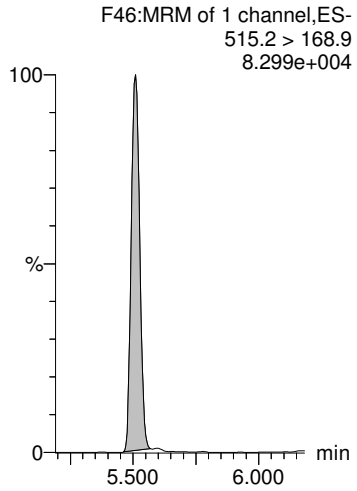

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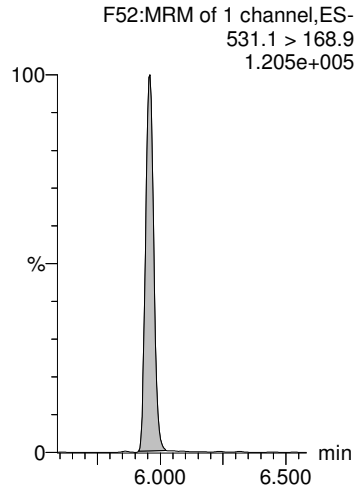

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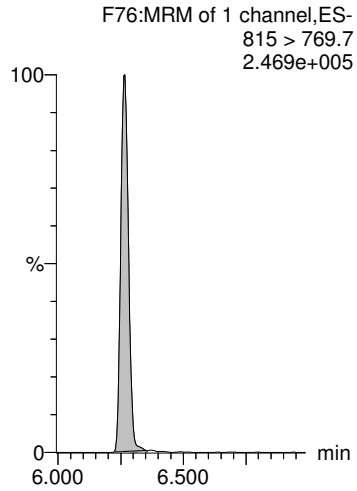

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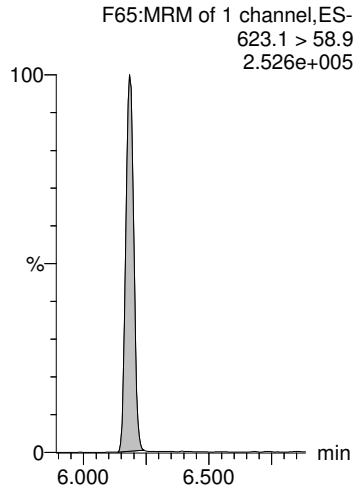

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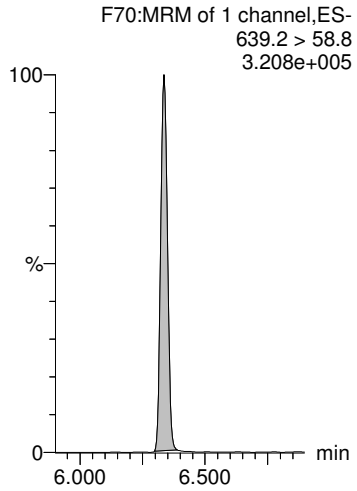

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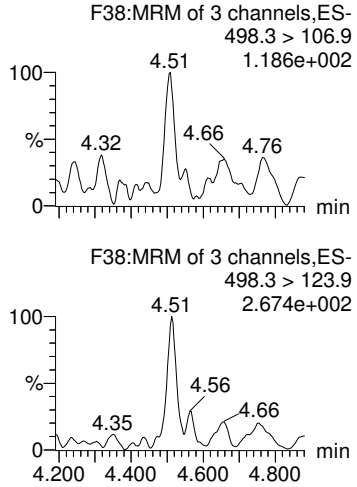
Last Altered: Monday, June 15, 2020 14:52:32 Pacific Daylight Time
Printed: Monday, June 15, 2020 14:59:25 Pacific Daylight Time

Name: 200608P1-44, Date: 09-Jun-2020, Time: 00:47:31, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

TDCA



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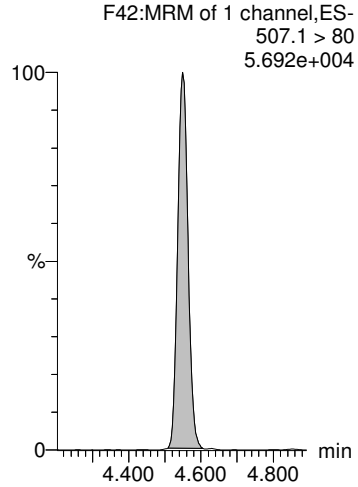

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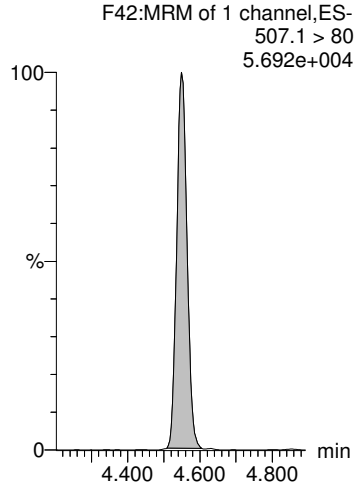

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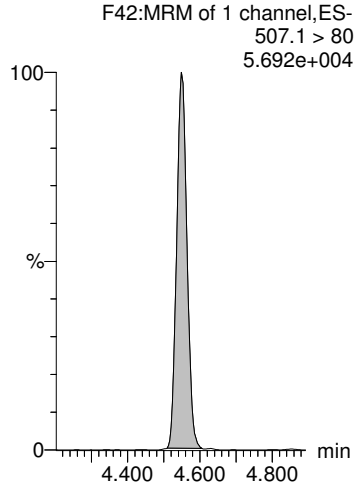

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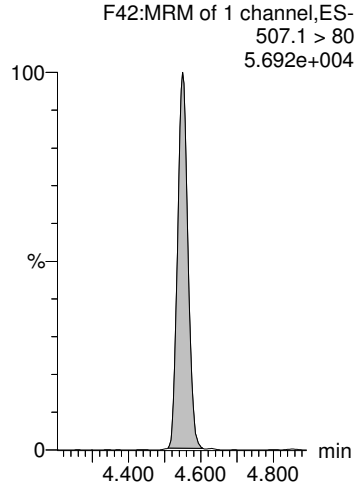

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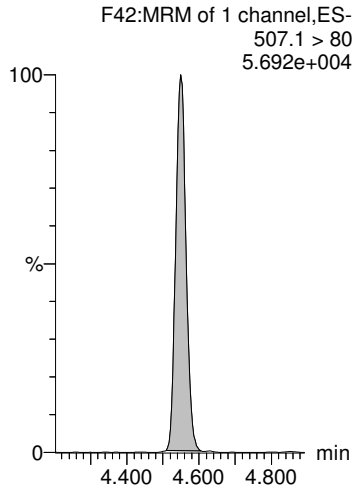


Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:17:28 Pacific Daylight Time

Name: 200609P1-42, Date: 09-Jun-2020, Time: 20:24:21, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9	2.42e3	6.78e3	0.108		2.11	2.11	4.46	46.6040			
2	49	13C3-PFPeA-EIS	266.0 > 221.8	6.78e3		0.108	746.767	2.04	2.11	6780	84.2020	72.7		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

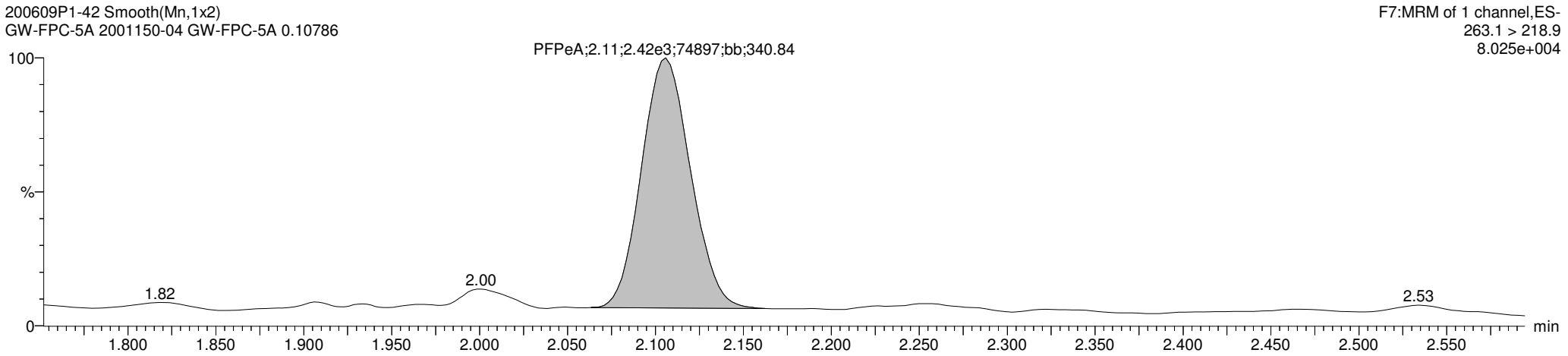
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-37-42.qld

Last Altered: Monday, June 15, 2020 15:12:18 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:17:28 Pacific Daylight Time

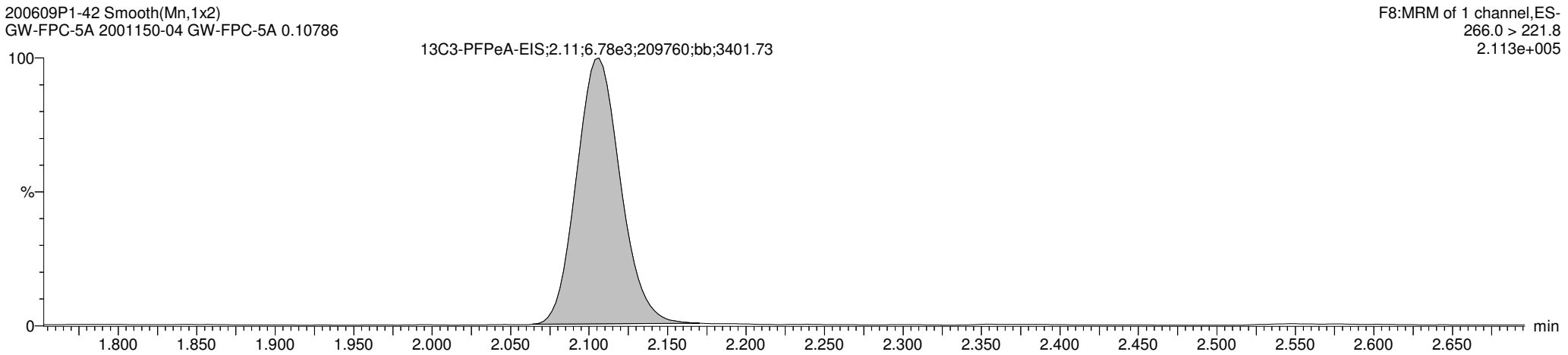
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-42, Date: 09-Jun-2020, Time: 20:24:21, ID: 2001150-04 GW-FPC-5A 0.10786, Description: GW-FPC-5A

PFPeA



13C3-PFPeA-EIS



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Name: 200608P1-48, Date: 09-Jun-2020, Time: 01:29:31, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	7.95e2	3.67e3	0.111		1.15	1.15	2.71	23.3566			
2	5	PFBS	299.0 > 80	2.94e2	9.85e2	0.111		2.37	2.38	3.73	13.2432		2.01	NO
3	7	PFHxA	313.0 > 269.0	4.57e3	8.96e3	0.111		2.89	2.89	6.37	57.5325		18.2	NO
4	11	PFHpA	363.0 > 319	2.57e3	7.80e3	0.111		3.52	3.52	4.12	28.4090		49.0	NO
5	15	6:2 FTS	427.0 > 407	5.66e0	1.20e3	0.111		3.96	3.97	0.0589	1.2445		0.762	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.67e3		0.111	328.442	1.37	1.15	3670	100.2412	89.4		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.85e2		0.111	84.154	2.29	2.37	985	105.0714	93.7		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	8.96e3		0.111	881.695	3.04	2.89	8960	91.2310	81.3		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	7.80e3		0.111	800.216	3.50	3.52	7800	87.5357	78.0		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.20e3		0.111	110.222	4.07	3.96	1200	97.7144	87.1		
11	-1													
12	13	L-PFHxS	399 > 79.9	6.62e2	1.84e3	0.111		3.66	3.66	4.50	39.1369		4.25	NO
13	1...	Total PFHxS	399 > 79.9	6.62e2	1.84e3	0.111		3.93		4.50	39.1369			
14	19	PFHpS	449.0 > 80	2.68e1	1.94e3	0.111		4.17	4.13	0.172	1.1982		5.97	YES
15	21	PFNA	463.0 > 418.8		9.03e3	0.111		4.46						YES
16	22	PFOSA	498 > 78		2.21e3	0.111		4.51						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.84e3		0.111	173.420	3.88	3.66	1840	95.1601	84.8		
18	61	13C3-PFHxS-EIS	402 > 80	1.84e3		0.111	173.420	3.88	3.66	1840	95.1601	84.8		
19	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
20	65	13C5-PFNA-EIS	468.2 > 422.9	9.03e3		0.111	880.063	4.70	4.46	9030	92.0817	82.1		
21	67	13C8-PFOSA-EIS	506 > 78	2.21e3		0.111	278.373	4.68	4.51	2210	71.2789	63.5		
22	-1													
23	16	L-PFOA	413 > 369	1.39e4	1.08e4	0.111		4.02	4.02	16.1	152.4534		2.84	NO
24	1...	Total PFOA	413 > 369	1.39e4	1.08e4	0.111		4.60		16.1	152.4534			
25	23	L-PFOS	499 > 80	3.80e2	1.94e3	0.111		4.55	4.55	2.45	17.1423		2.58	NO
26	1...	Total PFOS	499> 80	3.80e2	1.94e3	0.111		4.60		2.45	17.1423			
27	26	PFDA	513 > 469		1.09e4	0.111		4.84						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.08e4		0.111	1040.374	4.19	4.02	10800	92.8068	82.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.08e4		0.111	1040.374	4.19	4.02	10800	92.8068	82.7		
30	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
31	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.09e4		0.111	1046.803	4.83	4.84	10900	93.8234	83.6		
33	-1													
34	27	8:2 FTS	527.1 > 507		1.08e3	0.111		4.80						YES
35	29	L-MeFOSAA	570 > 419		2.48e3	0.111		4.99						YES
36	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.48e3	0.111		5.19		0.000				

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-48-49.qld

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Name: 200608P1-48, Date: 09-Jun-2020, Time: 01:29:31, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519		1.08e4	0.111		5.16						YES
38	34	PFDS	599.1 > 80.0		1.94e3	0.111		5.15						YES
39	75	13C2-8:2 FTS-EIS	529 > 80	1.08e3		0.111	105.584	4.97	4.80	1080	92.2154	82.2		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.48e3		0.111	265.439	4.98	4.99	2480	83.9816	74.9		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.48e3		0.111	265.439	4.98	4.99	2480	83.9816	74.9		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.08e4		0.111	1152.628	5.16	5.16	10800	84.3419	75.2		
43	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
44	-1													
45	31	L-EtFOSAA	584 > 419		1.46e3	0.111		5.15						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	1.46e3	0.111		5.37		0.000				
47	37	PFDoA	612.9 > 569.0		1.04e4	0.111		5.45						YES
48	39	PFTrDA	662.9 > 618.9		1.04e4	0.111		5.70						YES
49	41	PFTeDA	713.0 > 669.0		6.20e3	0.111		5.91						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.46e3		0.111	180.267	5.14	5.15	1460	72.6477	64.8		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.46e3		0.111	180.267	5.14	5.15	1460	72.6477	64.8		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.04e4		0.111	1291.517	5.44	5.45	10400	72.1679	64.3		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.04e4		0.111	1291.517	5.44	5.45	10400	72.1679	64.3		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.20e3		0.111	1166.538	5.91	5.91	6200	47.6858	42.5		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		2.19e3	0.111		5.50						YES
57	42	N-EtFOSA	526.1 > 168.9		2.21e3	0.111		5.94						YES
58	43	PFHxDA	813 > 769		1.50e3	0.111		6.26						YES
59	45	N-MeFOSE	616.1 > 58.9		5.09e3	0.111		6.18						
60	46	N-EtFOSE	630.1 > 58.9		5.82e3	0.111		6.34						
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.19e3		0.111	75.834	5.50	5.51	2190	258.8936	19.3		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.21e3		0.111	118.357	5.95	5.95	2210	167.8686	12.5		
63	93	13C2-PFHxDA-EIS	815 > 769.7	1.50e3		0.111	1727.390	6.26	6.26	1500	7.7874	6.9		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.09e3		0.111	98.401	6.18	6.18	5090	464.2666	34.7		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.82e3		0.111	105.274	6.33	6.34	5820	496.3625	37.1		
66	-1													
67	1...	TDCA	498.3>106.9			0.111		4.73						YES
68	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
69	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
70	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
71	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		
72	71	13C8-PFOS-EIS	507.1 > 80	1.94e3		0.111	173.038	4.76	4.55	1940	100.7239	89.8		

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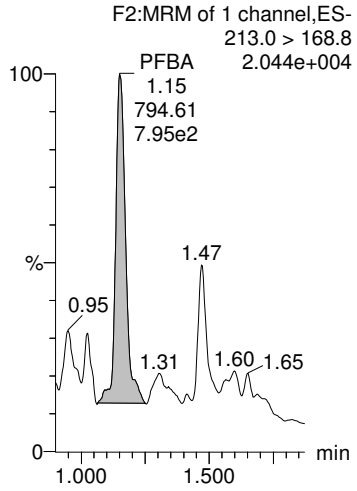
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-48, Date: 09-Jun-2020, Time: 01:29:31, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

PFBA



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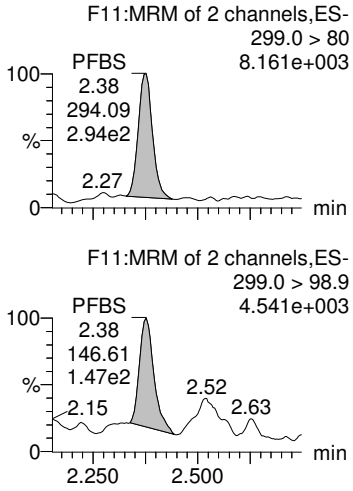

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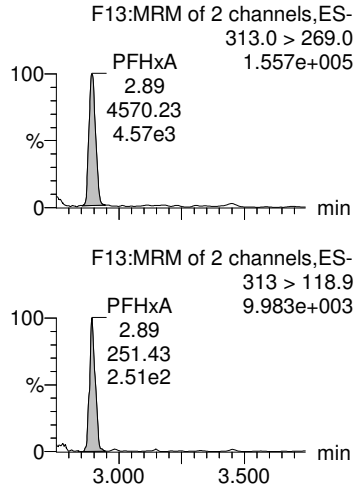

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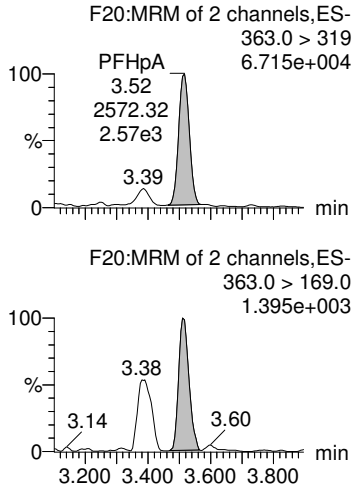
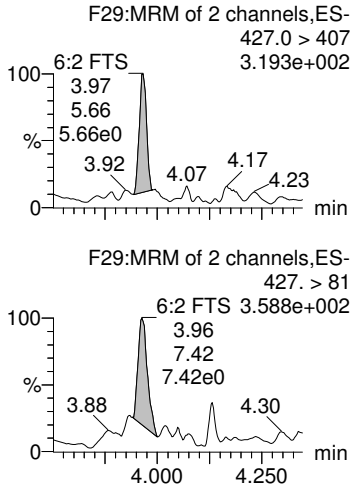


6:2 FTS



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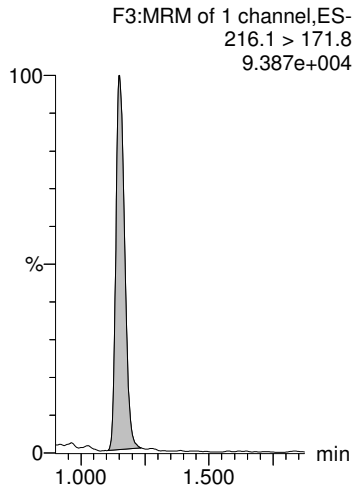

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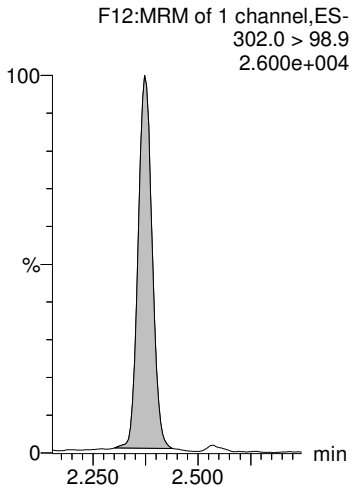

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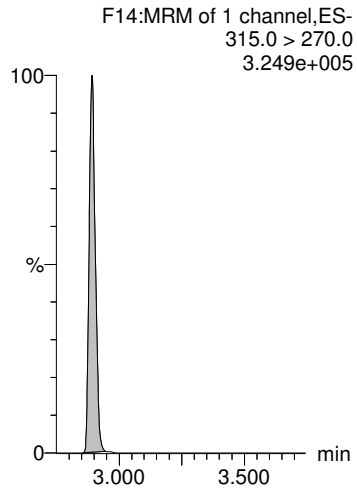

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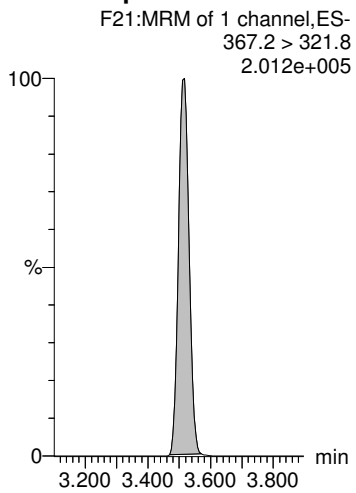
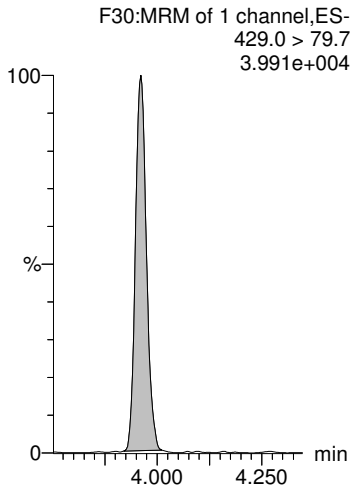


13C2-6:2 FTS-EIS



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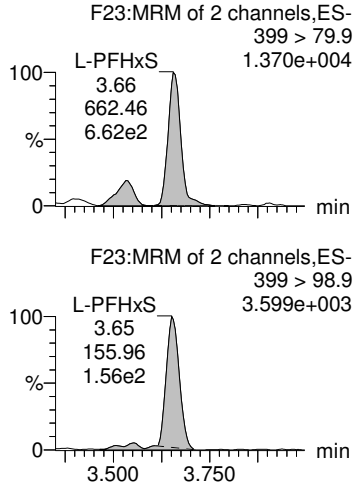

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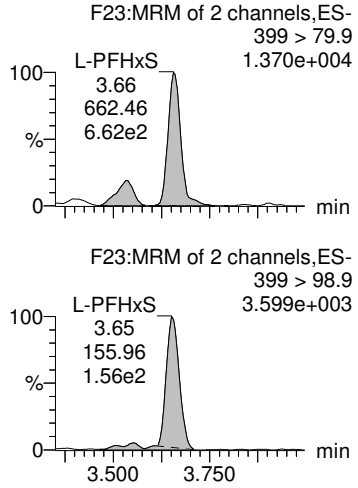

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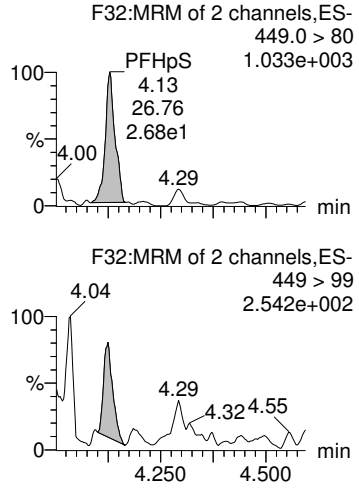

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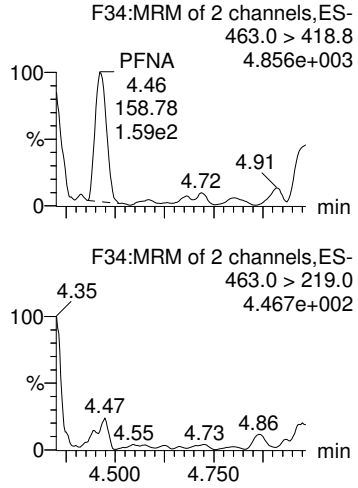
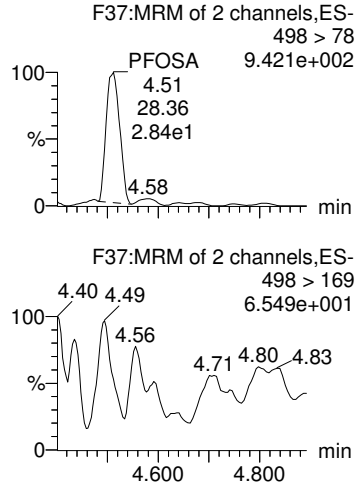


PFOSA



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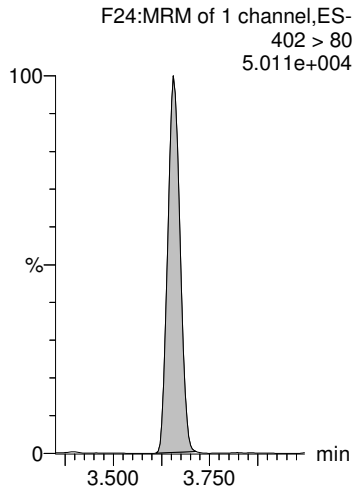

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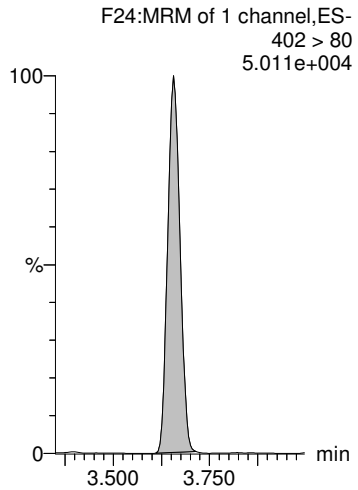
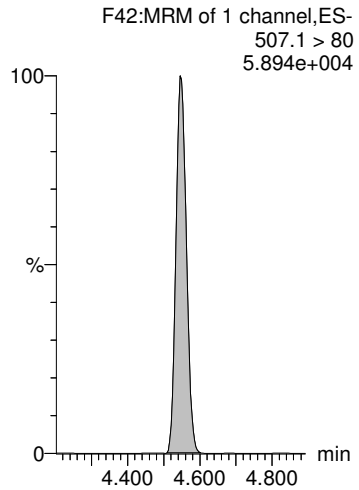
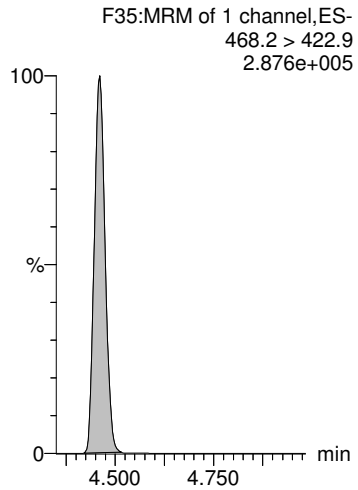


13C8-PFOS-EIS



13C5-PFNA-EIS



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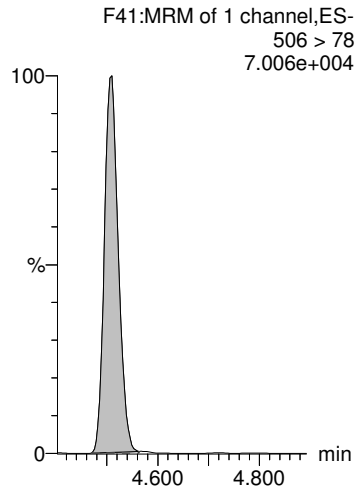

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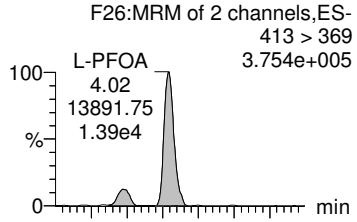
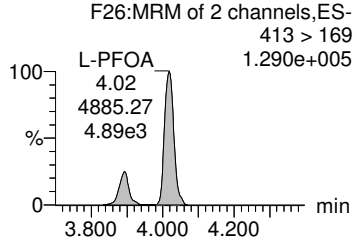
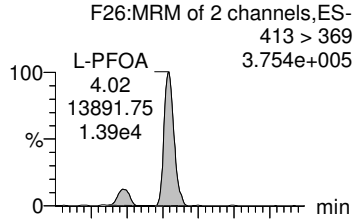
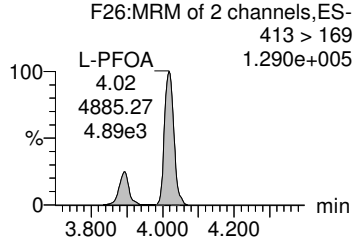
L-PFOA



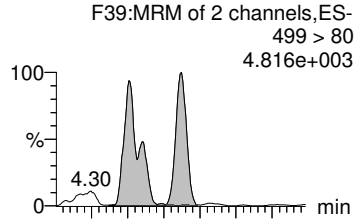


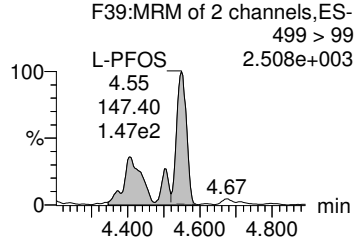
Total PFOA



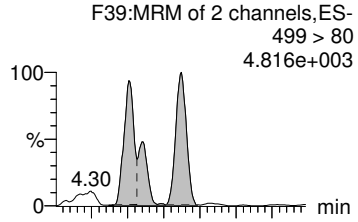


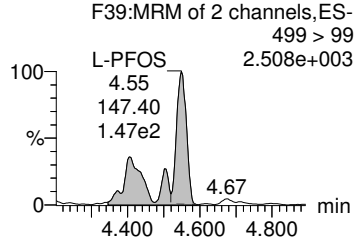
L-PFOS





Total PFOS





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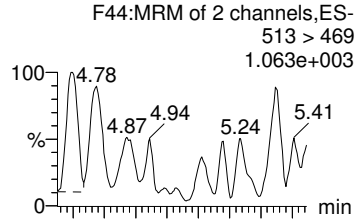
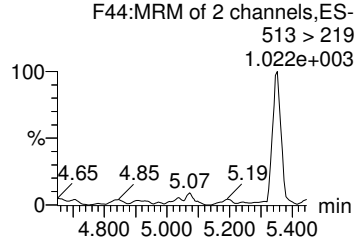
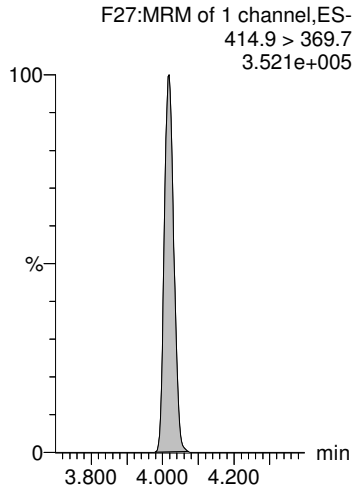




13C2-PFOA-EIS



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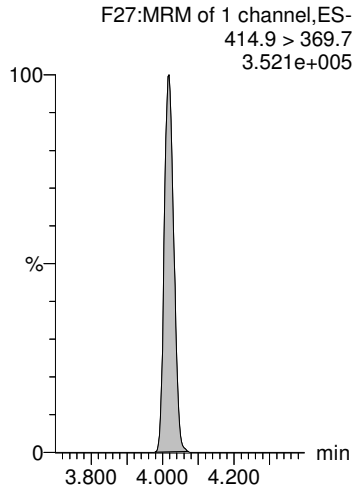
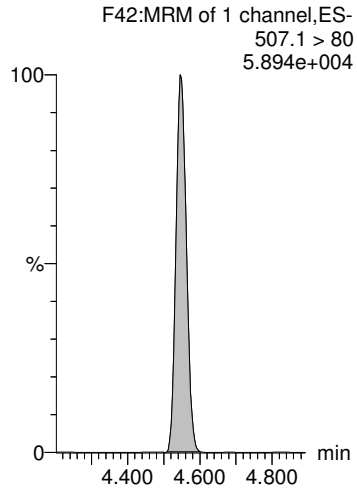


13C8-PFOS-EIS



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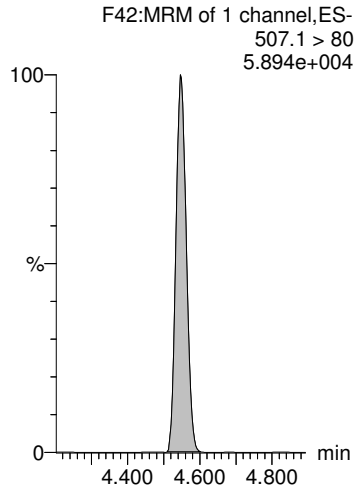

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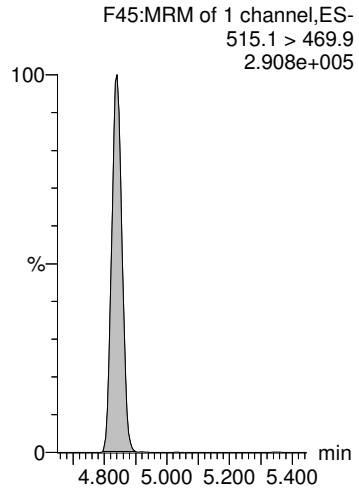
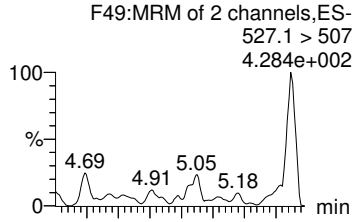


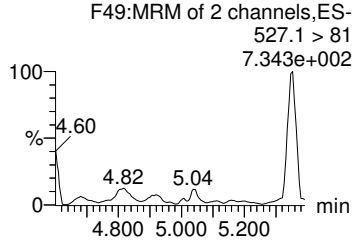
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-48-49.qld

Last Altered: Monday, June 15, 2020 15:08:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:09:12 Pacific Daylight Time

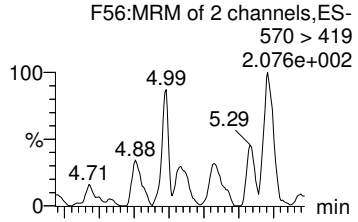
Name: 200608P1-48, Date: 09-Jun-2020, Time: 01:29:31, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

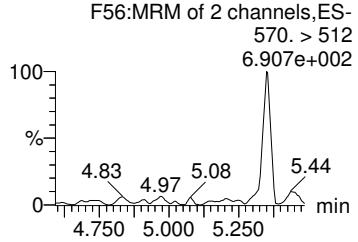
8:2 FTS





L-MeFOSAA





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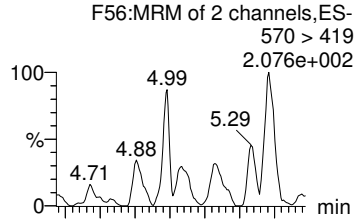
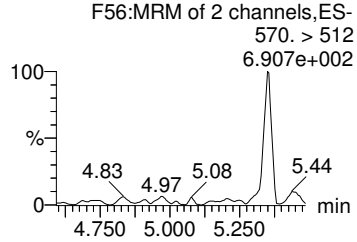
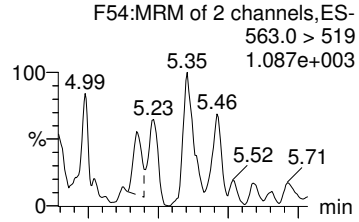
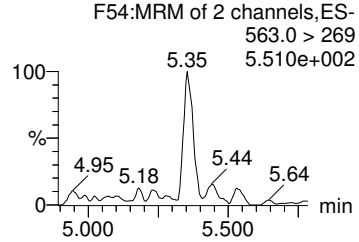




PFUdA





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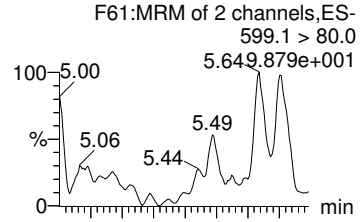
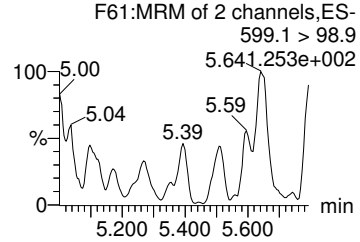
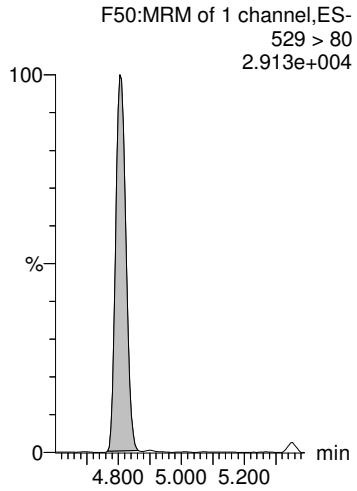
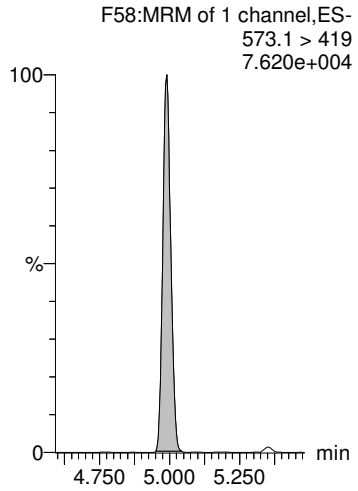




13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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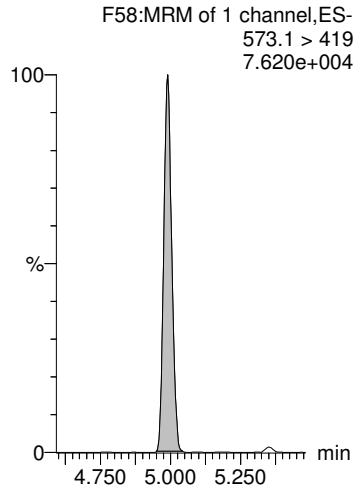

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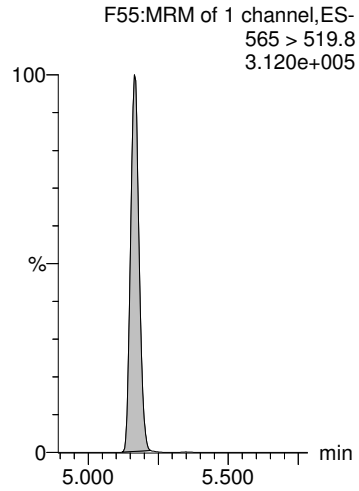

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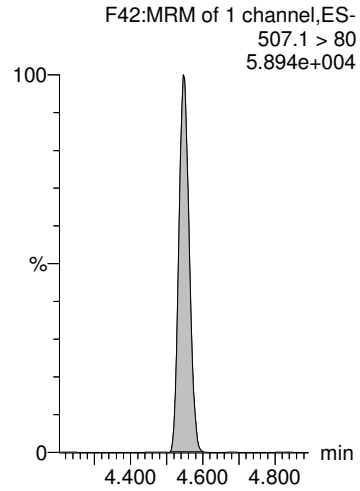

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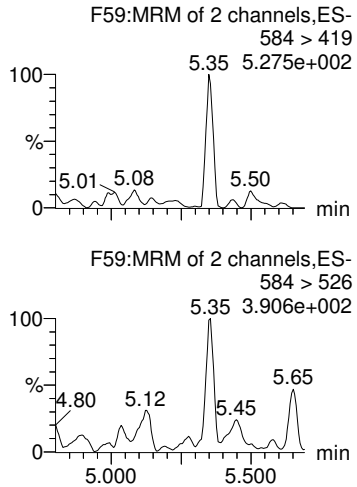
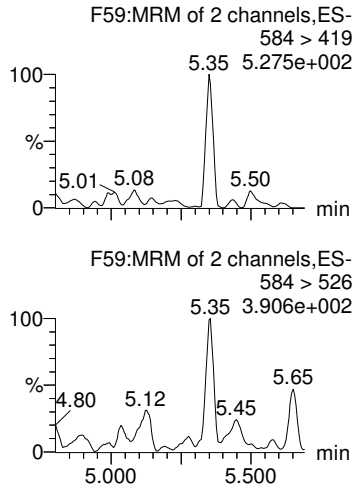
Last Altered: Monday, June 15, 2020 15:08:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:09:12 Pacific Daylight Time

Name: 200608P1-48, Date: 09-Jun-2020, Time: 01:29:31, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

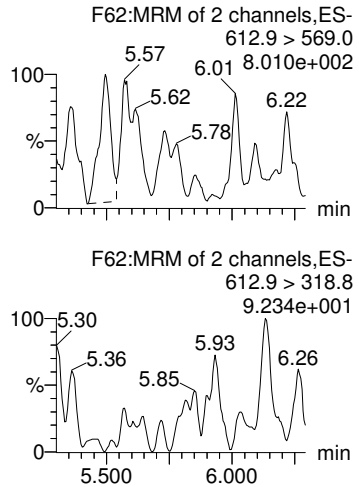
L-EtFOSAA



Total N-EtFOSAA



PFDoA



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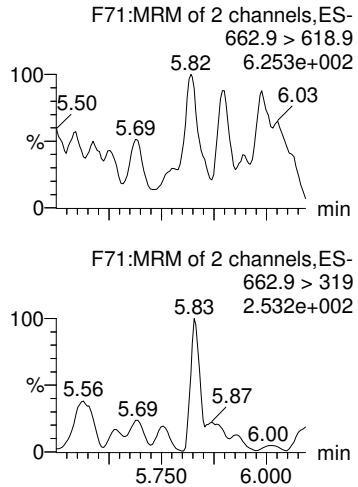

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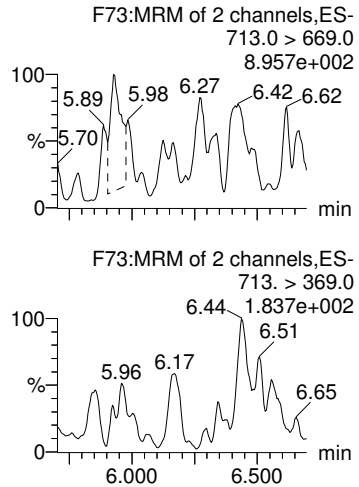

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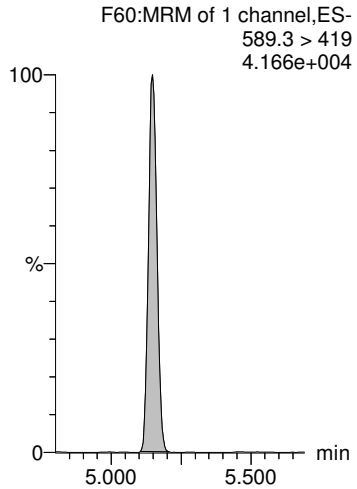
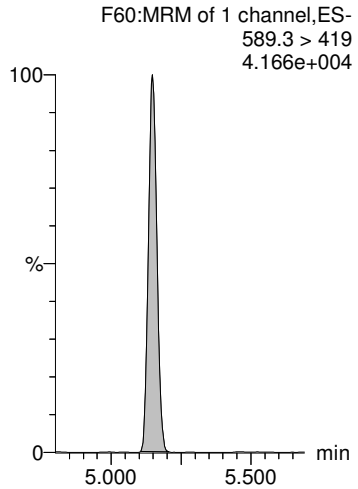
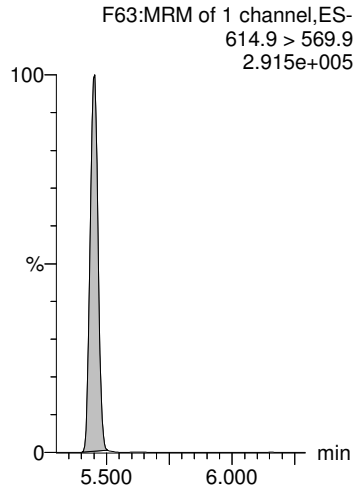


d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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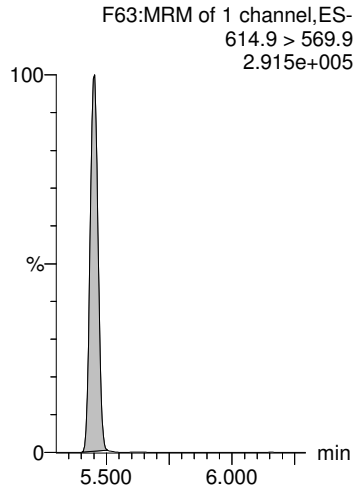

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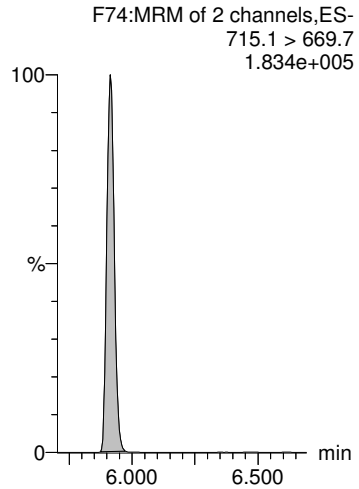

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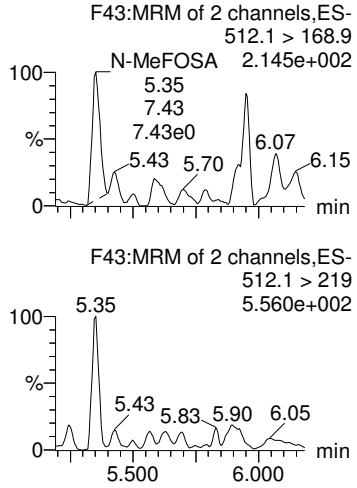
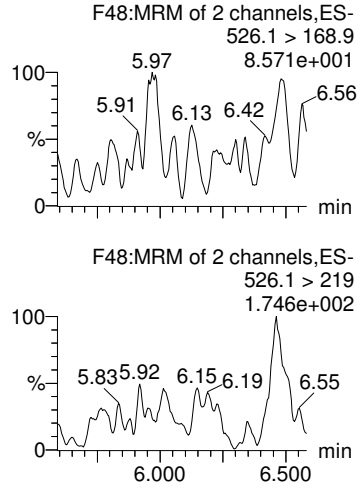
Printed: Monday, June 15, 2020 15:09:12 Pacific Daylight Time

Name: 200608P1-48, Date: 09-Jun-2020, Time: 01:29:31, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

N-MeFOSA



N-EtFOSA



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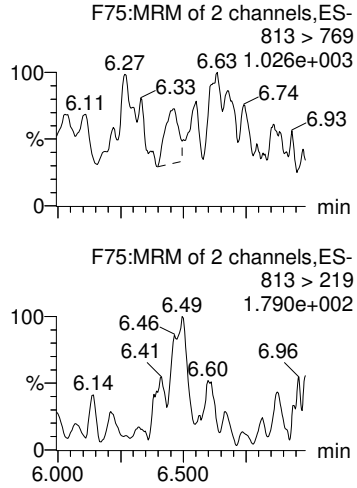
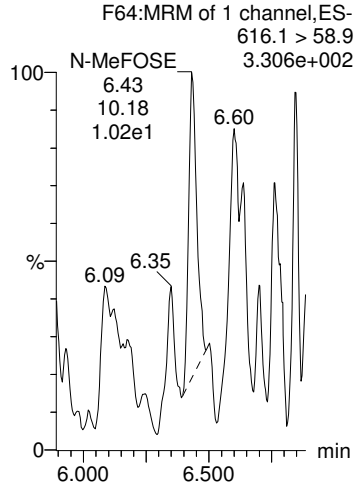
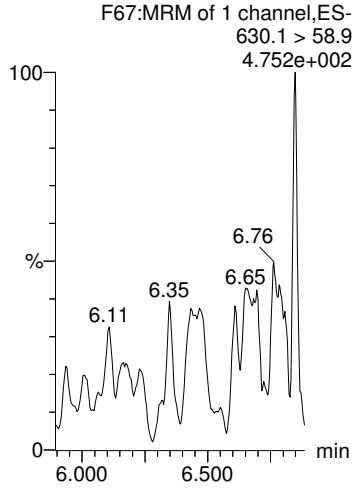


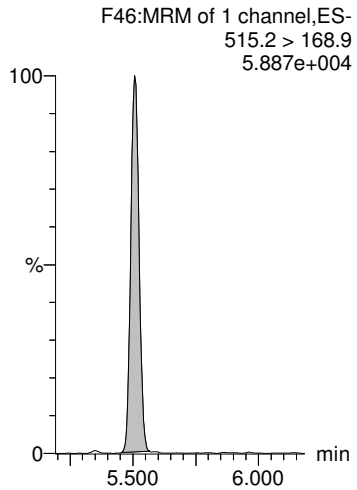
N-MeFOSE



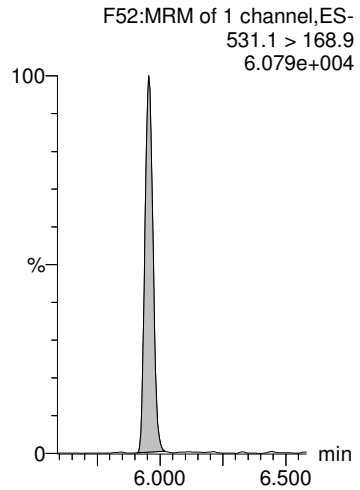
N-EtFOSE



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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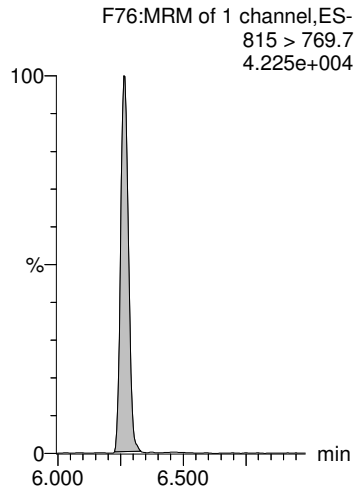

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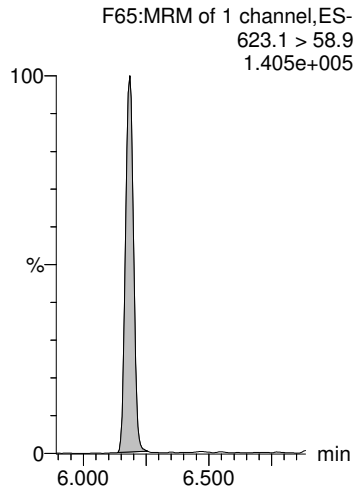
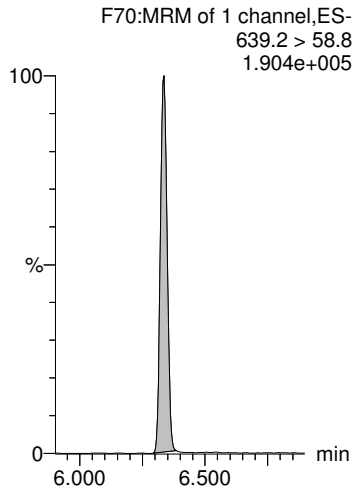


d9-N-EtFOSE-EIS



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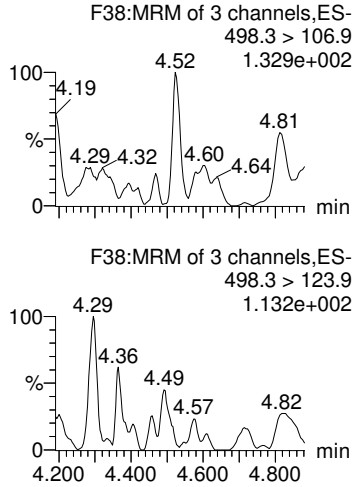
Last Altered: Monday, June 15, 2020 15:08:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:09:12 Pacific Daylight Time

Name: 200608P1-48, Date: 09-Jun-2020, Time: 01:29:31, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

TDCA



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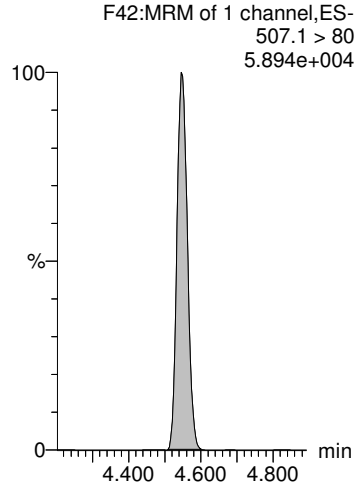

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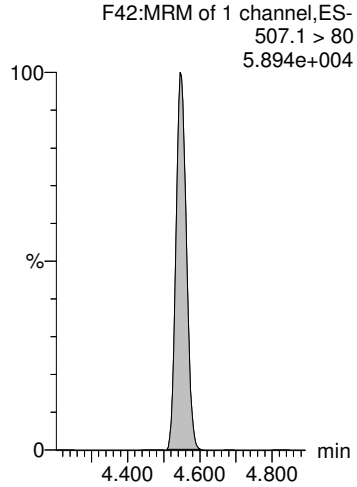

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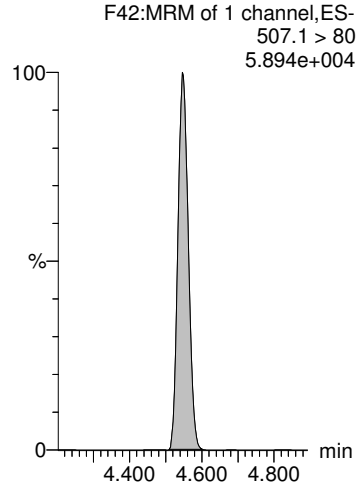

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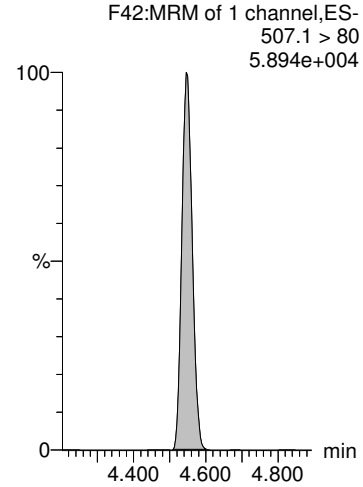

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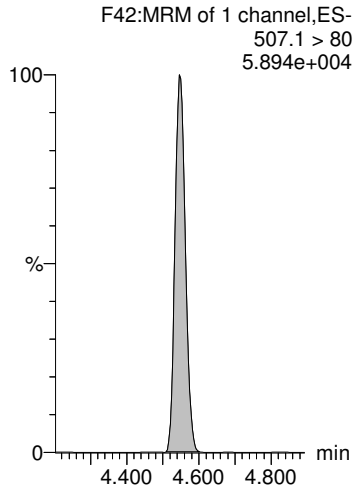


Vista Analytical Laboratory

OC 6/15/2020

Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:18:15 Pacific Daylight Time

Name: 200609P1-46, Date: 09-Jun-2020, Time: 21:06:22, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9	2.03e3	6.97e3	0.111		2.11	2.11	3.63	36.6872			
2	49	13C3-PFPeA-EIS	266.0 > 221.8	6.97e3		0.111	746.767	2.04	2.11	6970	83.7828	74.7		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

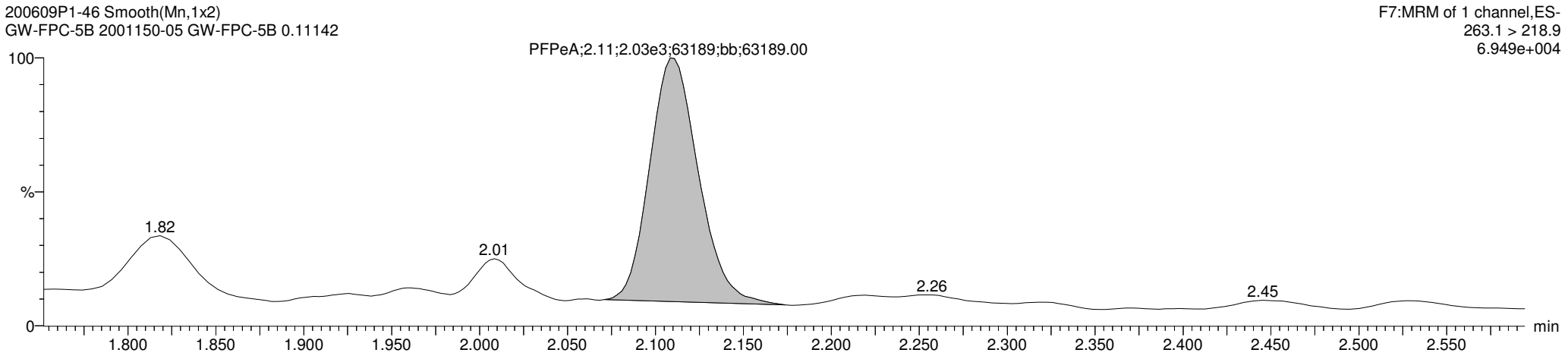
Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:18:15 Pacific Daylight Time

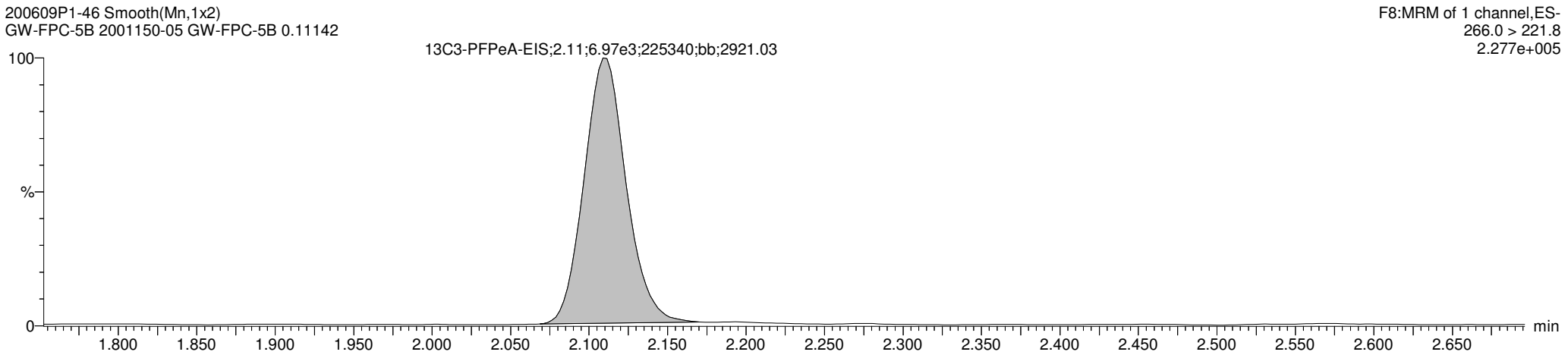
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-46, Date: 09-Jun-2020, Time: 21:06:22, ID: 2001150-05 GW-FPC-5B 0.11142, Description: GW-FPC-5B

PFPeA



13C3-PFPeA-EIS



QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-63-65.qld

Last Altered: Monday, June 15, 2020 08:53:37 Pacific Daylight Time
Printed: Monday, June 15, 2020 16:31:07 Pacific Daylight Time

Name: 200612P1-65, Date: 12-Jun-2020, Time: 20:29:55, ID: 2001150-05RE1 GW-FPC-5B 0.11757, Description: GW-FPC-5B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	43	PFHxDA	813 > 769		1.62e4	0.118		6.29						YES
2	93	13C2-PFHxDA-EIS	815 > 769.7	1.62e4		0.118	1697.595	6.27	6.29	16200	81.2686	76.4		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

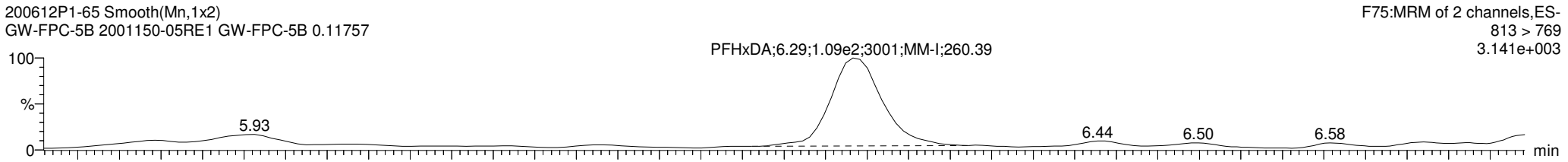
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-63-65.qld

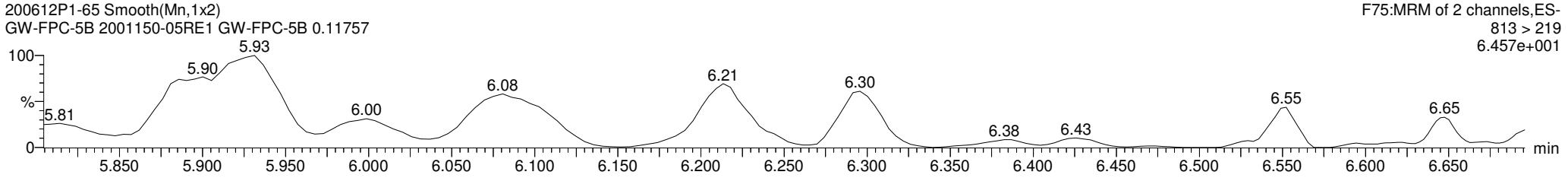
Last Altered: Monday, June 15, 2020 08:53:37 Pacific Daylight Time
Printed: Monday, June 15, 2020 16:31:07 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

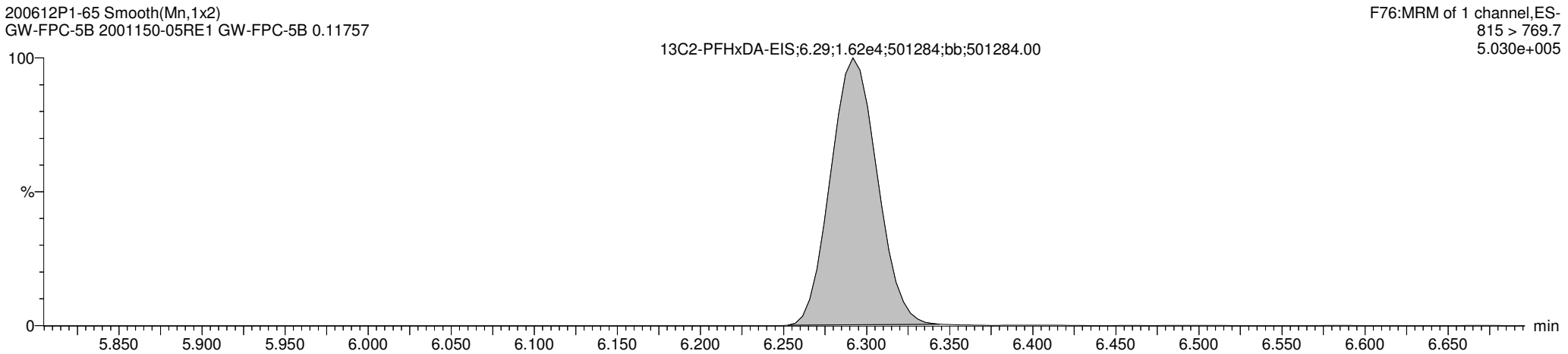
Name: 200612P1-65, Date: 12-Jun-2020, Time: 20:29:55, ID: 2001150-05RE1 GW-FPC-5B 0.11757, Description: GW-FPC-5B

PFHxDA





13C2-PFHxDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-48-49.qld

Last Altered: Monday, June 15, 2020 15:08:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:10:11 Pacific Daylight Time

Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		5.58e3	0.119		1.15						
2	5	PFBS	299.0 > 80	1.67e1	9.84e2	0.119		2.37	2.38	0.212	0.5021		6.89	YES
3	7	PFHxA	313.0 > 269.0		1.00e4	0.119		2.89						YES
4	11	PFHpA	363.0 > 319		8.64e3	0.119		3.52						YES
5	15	6:2 FTS	427.0 > 407		1.34e3	0.119		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	5.58e3		0.119	328.442	1.37	1.15	5580	143.4252	136.0		
7	51	13C3-PFBS-EIS	302.0 > 98.9	9.84e2		0.119	84.154	2.29	2.37	984	98.7010	93.6		
8	57	13C2-PFHxA-EIS	315.0 > 270.0	1.00e4		0.119	881.695	3.04	2.89	10000	96.0108	91.0		
9	59	13C4-PFHpA-EIS	367.2 > 321.8	8.64e3		0.119	800.216	3.50	3.52	8640	91.0512	86.3		
10	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.34e3		0.119	110.222	4.07	3.96	1340	102.9401	97.6		
11	-1													
12	13	L-PFHxS	399 > 79.9	4.37e1	2.01e3	0.119		3.66	3.66	0.272	2.7074		6.71	NO
13	1...	Total PFHxS	399 > 79.9	4.37e1	2.01e3	0.119		3.93		0.272	2.7074			
14	19	PFHpS	449.0 > 80		2.03e3	0.119		4.17						YES
15	21	PFNA	463.0 > 418.8		9.74e3	0.119		4.46						YES
16	22	PFOSA	498 > 78	3.54e2	2.42e3	0.119		4.51	4.51	1.83	23.3964		20.5	NO
17	61	13C3-PFHxS-EIS	402 > 80	2.01e3		0.119	173.420	3.88	3.66	2010	97.6346	92.6		
18	61	13C3-PFHxS-EIS	402 > 80	2.01e3		0.119	173.420	3.88	3.66	2010	97.6346	92.6		
19	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
20	65	13C5-PFNA-EIS	468.2 > 422.9	9.74e3		0.119	880.063	4.70	4.46	9740	93.3807	88.5		
21	67	13C8-PFOSA-EIS	506 > 78	2.42e3		0.119	278.373	4.68	4.51	2420	73.2240	69.4		
22	-1													
23	16	L-PFOA	413 > 369	4.14e2	1.12e4	0.119		4.02	4.02	0.463	4.8721		16.4	YES
24	1...	Total PFOA	413 > 369	4.14e2	1.12e4	0.119		4.60		0.463	4.8721			
25	23	L-PFOS	499 > 80		2.03e3	0.119		4.55						YES
26	1...	Total PFOS	499> 80	0.00e0	2.03e3	0.119		4.60		0.000				
27	26	PFDA	513 > 469		1.17e4	0.119		4.84						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.12e4		0.119	1040.374	4.19	4.02	11200	90.4789	85.8		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.12e4		0.119	1040.374	4.19	4.02	11200	90.4789	85.8		
30	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
31	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
32	73	13C2-PFDA-EIS	515.1 > 469.9	1.17e4		0.119	1046.803	4.83	4.84	11700	94.4283	89.5		
33	-1													
34	27	8:2 FTS	527.1 > 507		1.10e3	0.119		4.81						YES
35	29	L-MeFOSAA	570 > 419		2.65e3	0.119		4.99						YES
36	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.65e3	0.119		5.19		0.000				

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-48-49.qld

Last Altered: Monday, June 15, 2020 15:08:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:10:11 Pacific Daylight Time

Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 519		1.17e4	0.119		5.17						YES
38	34	PFDS	599.1 > 80.0		2.03e3	0.119		5.15						YES
39	75	13C2-8:2 FTS-EIS	529 > 80	1.10e3		0.119	105.584	4.97	4.81	1100	88.2433	83.7		
40	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.65e3		0.119	265.439	4.98	4.99	2650	84.1272	79.8		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.65e3		0.119	265.439	4.98	4.99	2650	84.1272	79.8		
42	79	13C2-PFUdA-EIS	565 > 519.8	1.17e4		0.119	1152.628	5.16	5.17	11700	85.4336	81.0		
43	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
44	-1													
45	31	L-EtFOSAA	584 > 419		1.85e3	0.119		5.15						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	1.85e3	0.119		5.37		0.000				
47	37	PFDoA	612.9 > 569.0		1.22e4	0.119		5.45						YES
48	39	PFTrDA	662.9 > 618.9		1.22e4	0.119		5.70						YES
49	41	PFTeDA	713.0 > 669.0		9.04e3	0.119		5.92						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.85e3		0.119	180.267	5.14	5.15	1850	86.4870	82.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.85e3		0.119	180.267	5.14	5.15	1850	86.4870	82.0		
52	83	13C2-PFDoA-EIS	614.9 > 569.9	1.22e4		0.119	1291.517	5.44	5.45	12200	79.9208	75.8		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.22e4		0.119	1291.517	5.44	5.45	12200	79.9208	75.8		
54	89	13C2-PFTeDA-EIS	715.1 > 669.7	9.04e3		0.119	1166.538	5.91	5.92	9040	65.3835	62.0		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		2.42e3	0.119		5.50						YES
57	42	N-EtFOSA	526.1 > 168.9		2.71e3	0.119		5.94						YES
58	43	PFHxDA	813 > 769		5.34e3	0.119		6.27						YES
59	45	N-MeFOSE	616.1 > 58.9		7.92e3	0.119		6.18						
60	46	N-EtFOSE	630.1 > 58.9		8.88e3	0.119		6.33						
61	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.42e3		0.119	75.834	5.50	5.51	2420	269.6474	21.4		
62	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.71e3		0.119	118.357	5.95	5.96	2710	193.1990	15.3		
63	93	13C2-PFHxDA-EIS	815 > 769.7	5.34e3		0.119	1727.390	6.26	6.27	5340	26.0617	24.7		
64	95	d7-N-MeFOSE-EIS	623.1 > 58.9	7.92e3		0.119	98.401	6.18	6.18	7920	678.8628	53.9		
65	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8.88e3		0.119	105.274	6.33	6.33	8880	711.6687	56.5		
66	-1													
67	1...	TDCA	498.3>106.9			0.119		4.73						YES
68	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
69	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
70	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
71	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		
72	71	13C8-PFOS-EIS	507.1 > 80	2.03e3		0.119	173.038	4.76	4.55	2030	98.8689	93.7		

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-48-49.qld

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Printed: Monday, June 15, 2020 15:10:11 Pacific Daylight Time

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Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

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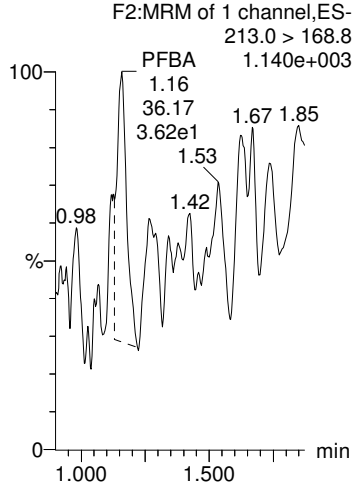

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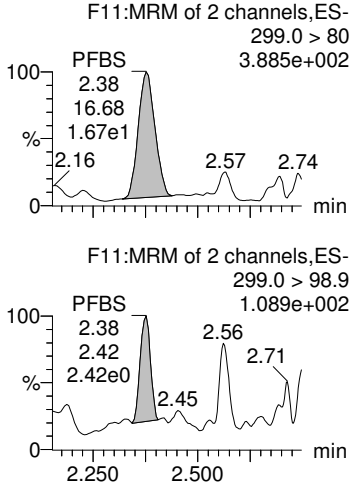

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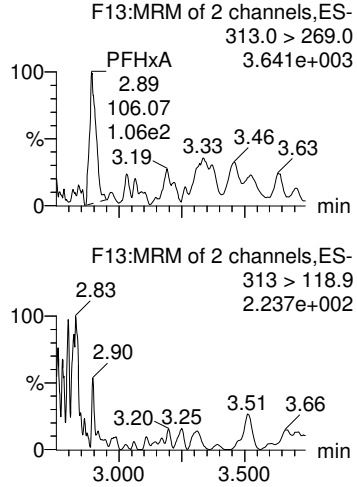

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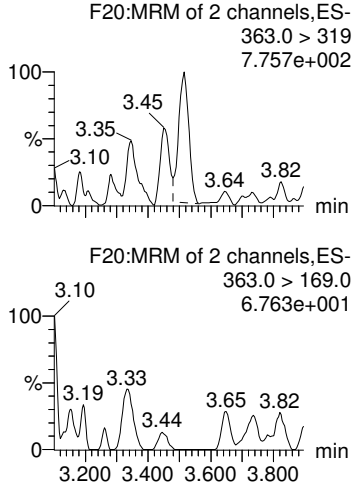

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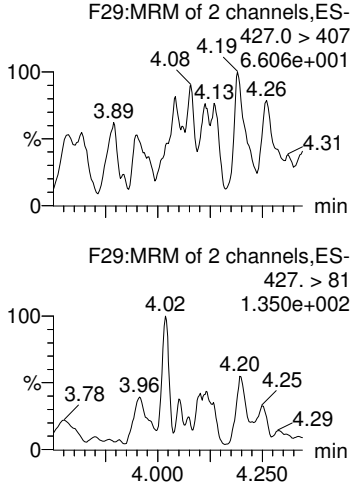

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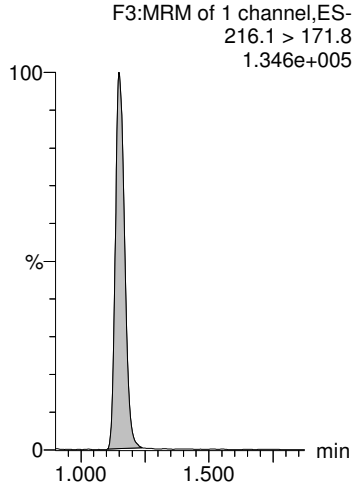

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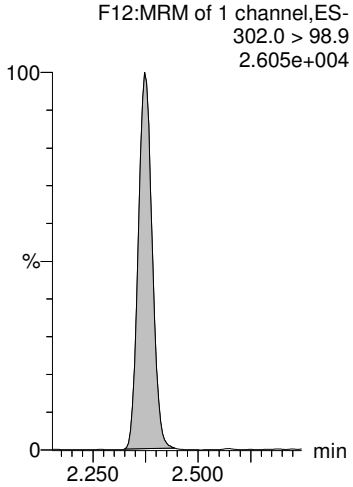

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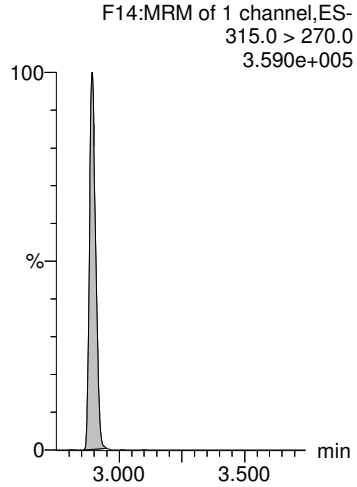

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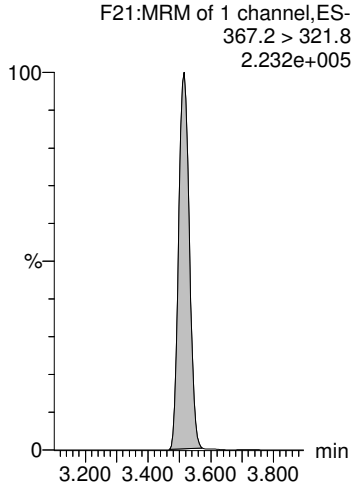

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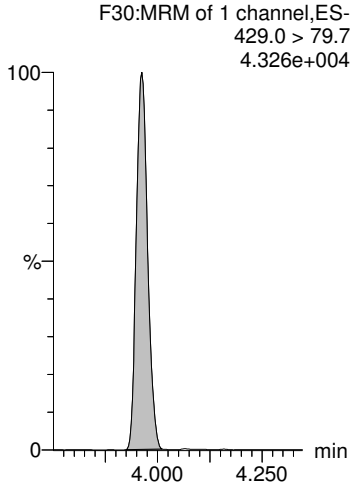

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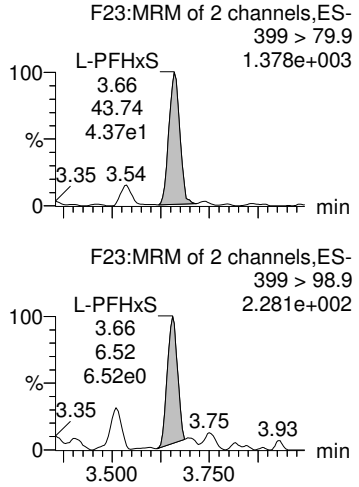
Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

L-PFHxS



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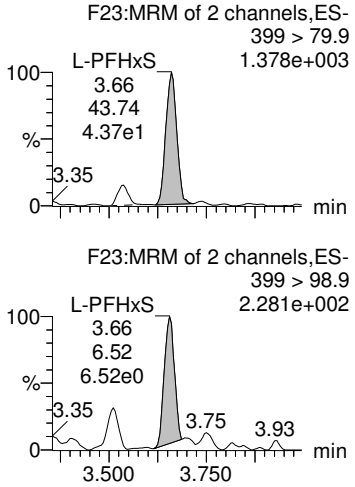

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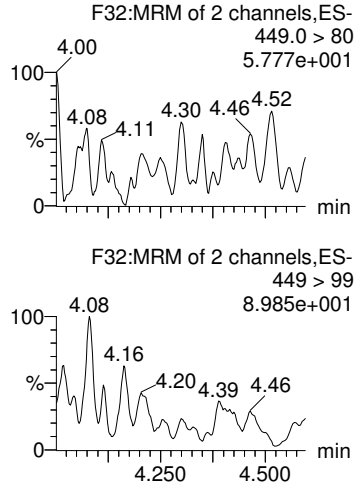

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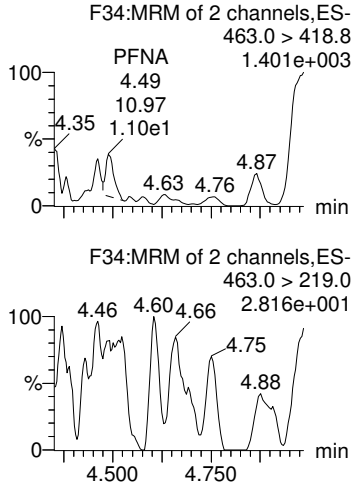

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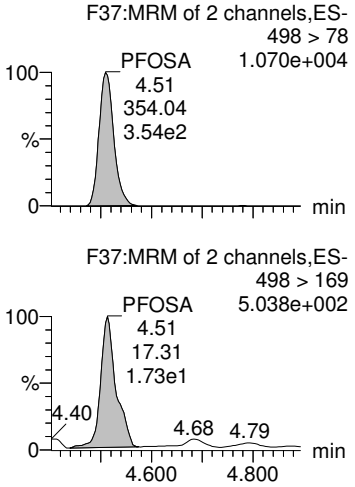

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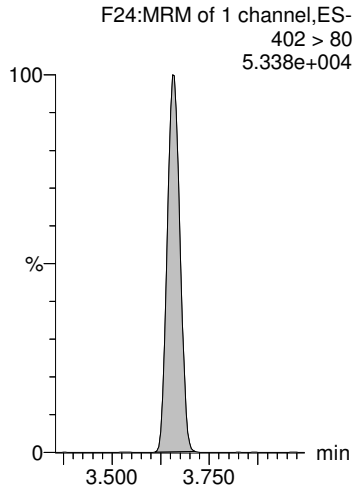

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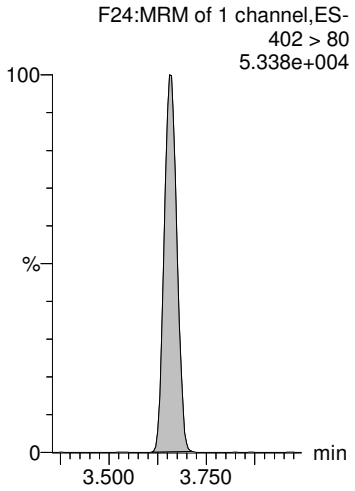

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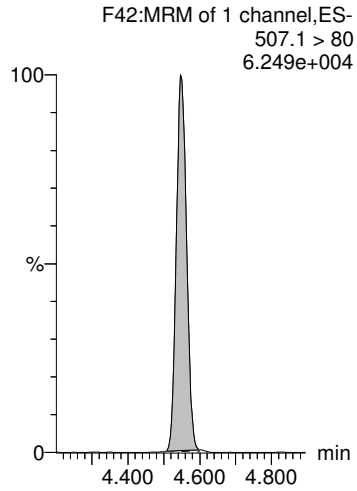

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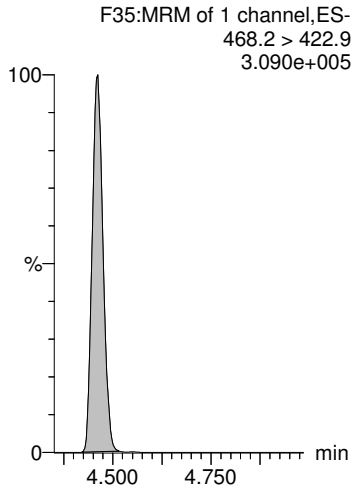

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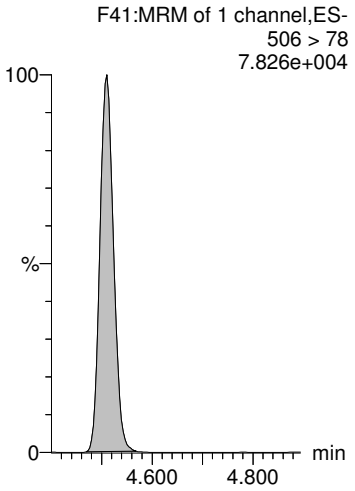
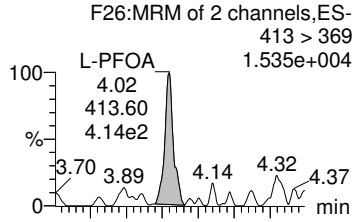


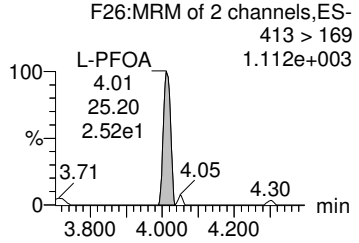
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-48-49.qld

Last Altered: Monday, June 15, 2020 15:08:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:10:11 Pacific Daylight Time

Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

L-PFOA





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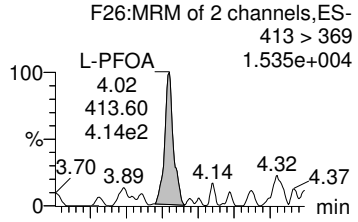

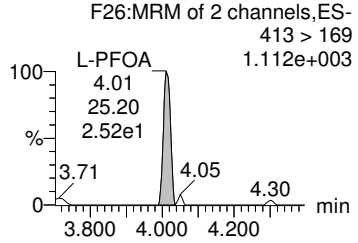

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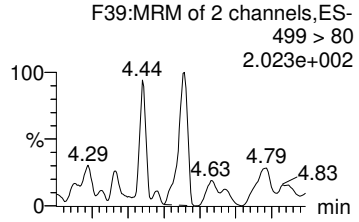

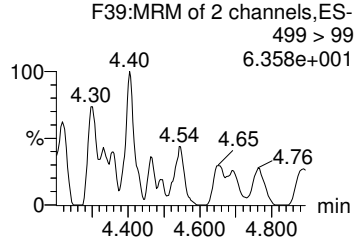

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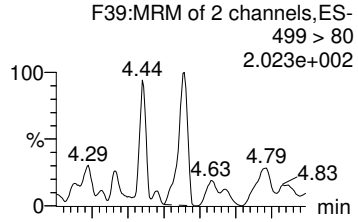

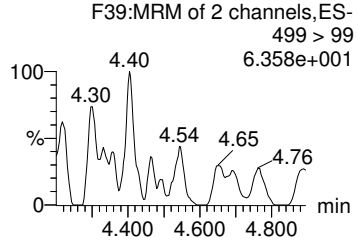

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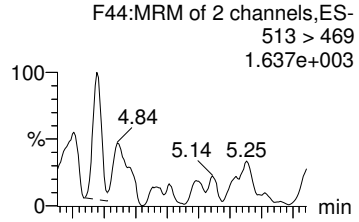

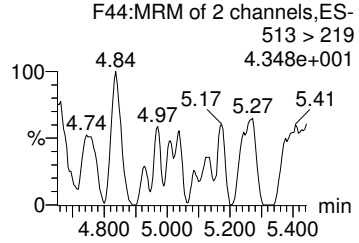

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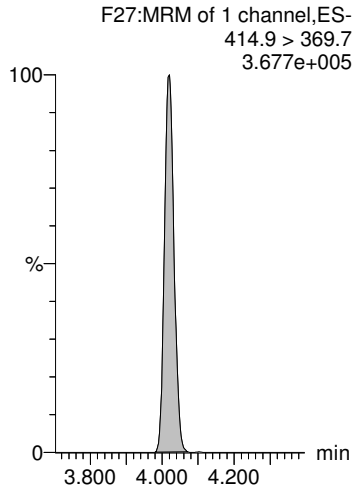

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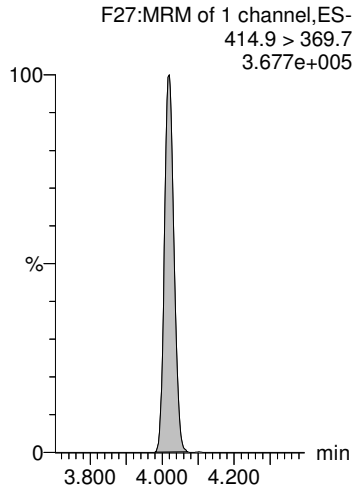

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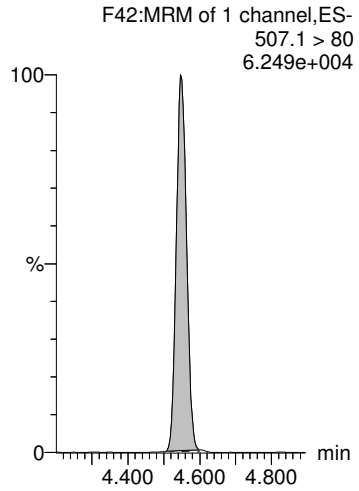

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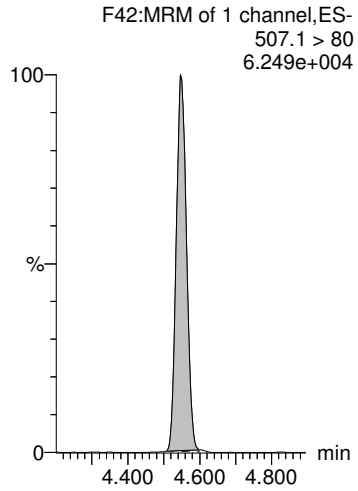

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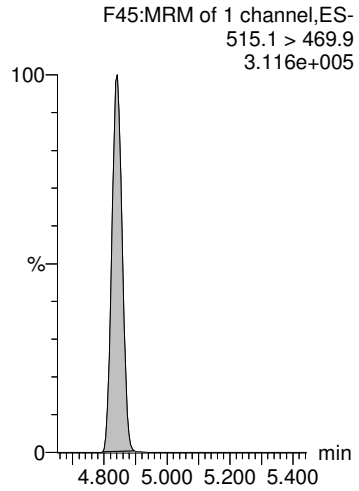

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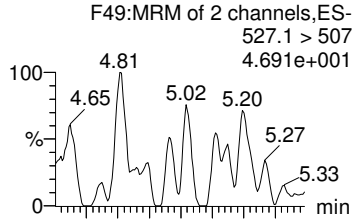
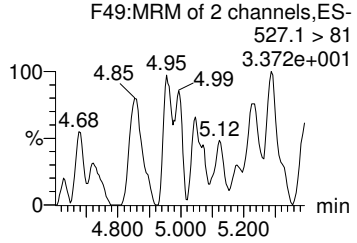
Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

8:2 FTS





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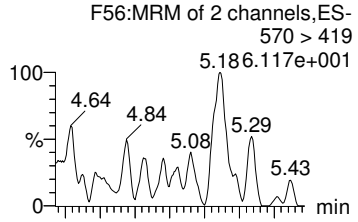

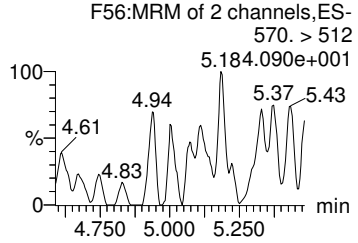

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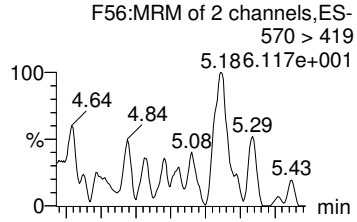

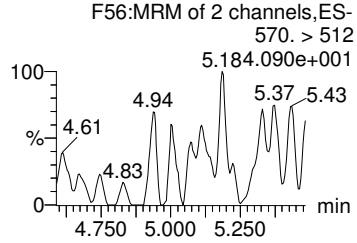

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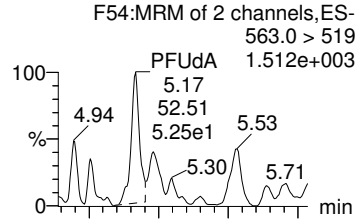

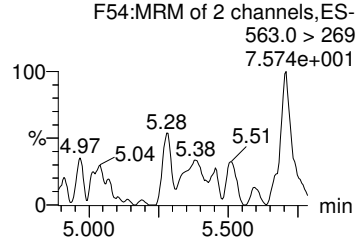

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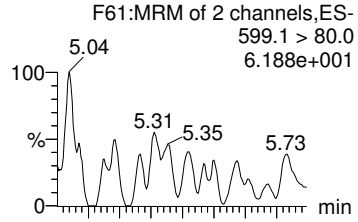

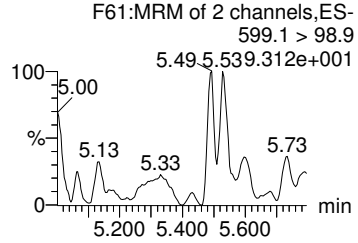

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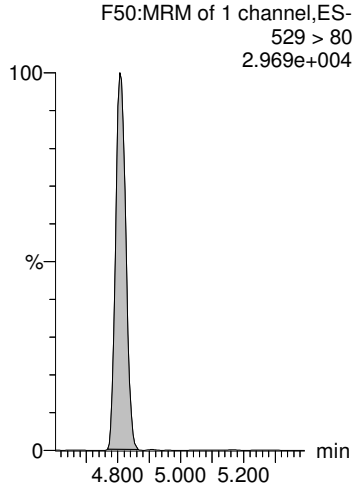

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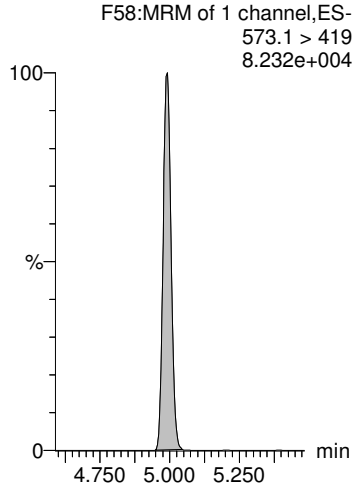

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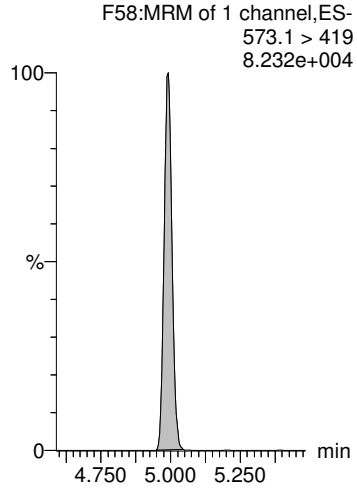

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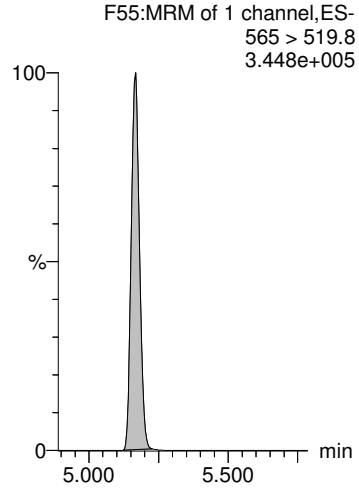

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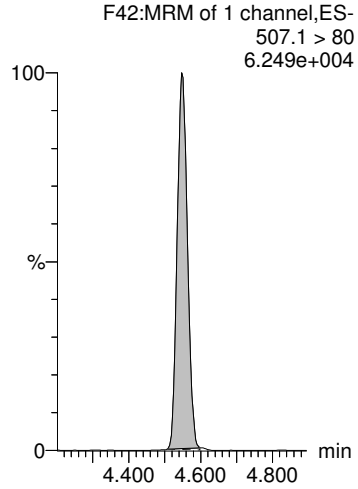

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Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

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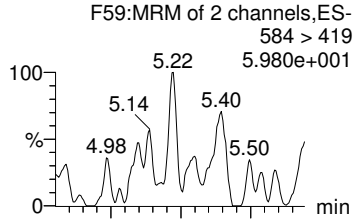

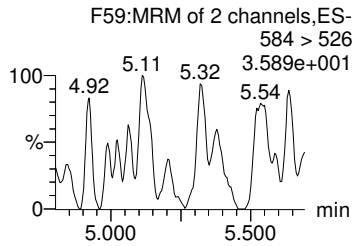

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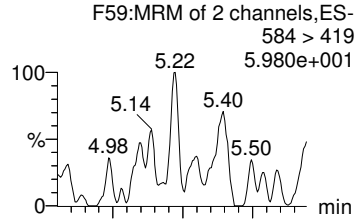

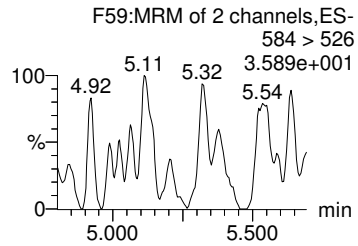

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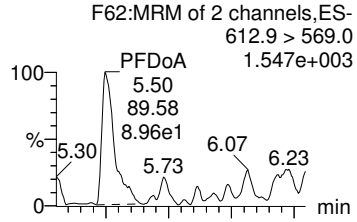

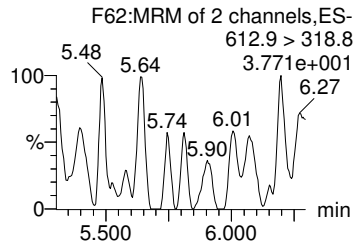

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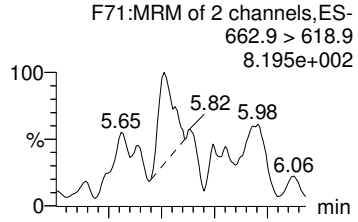

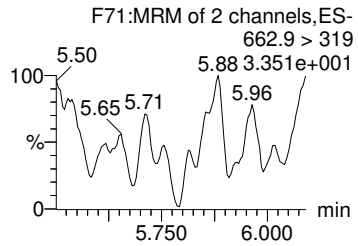

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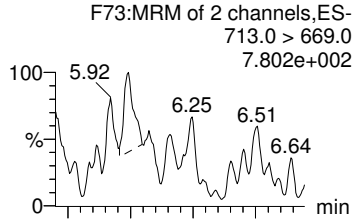

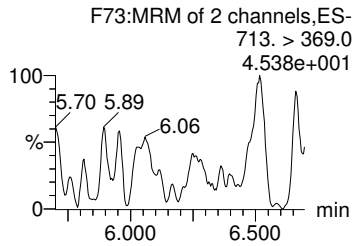

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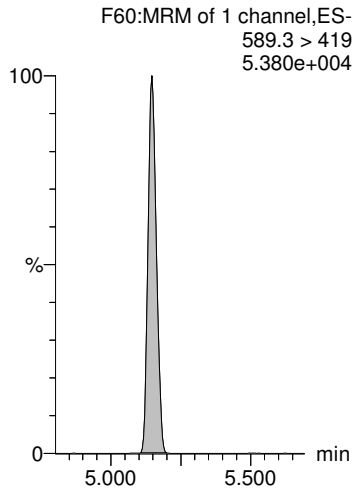

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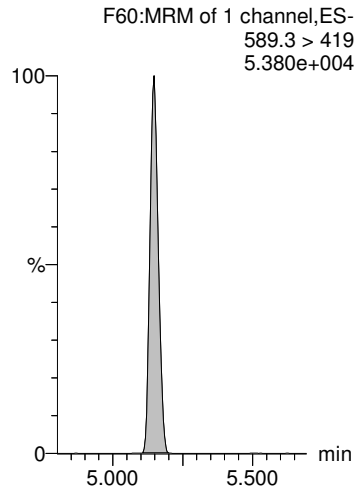

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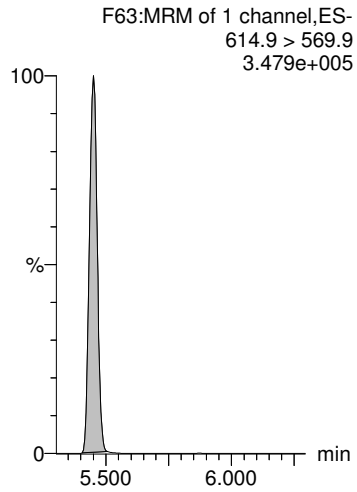

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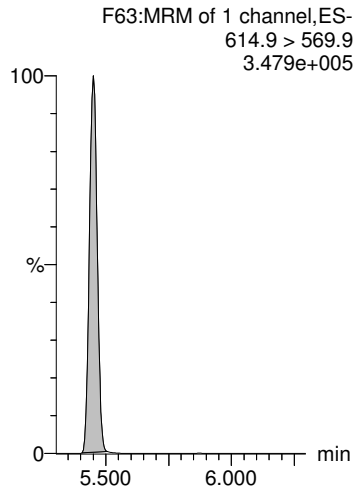

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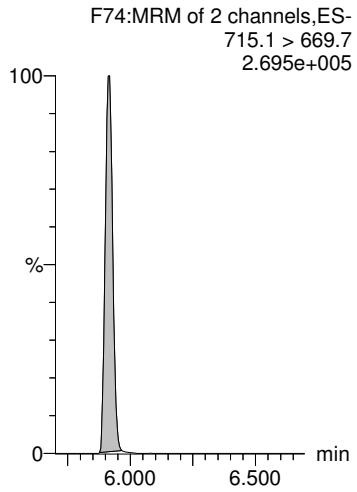

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Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

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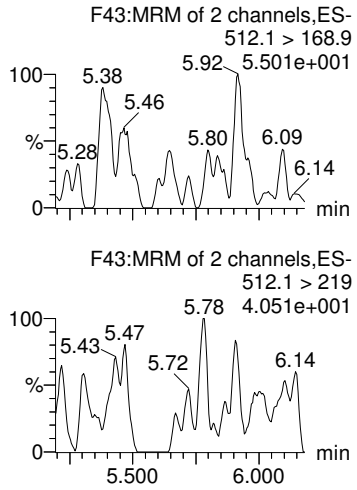

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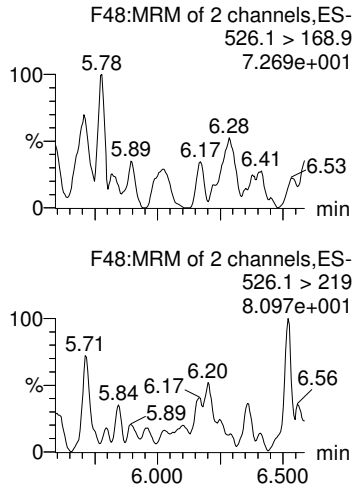

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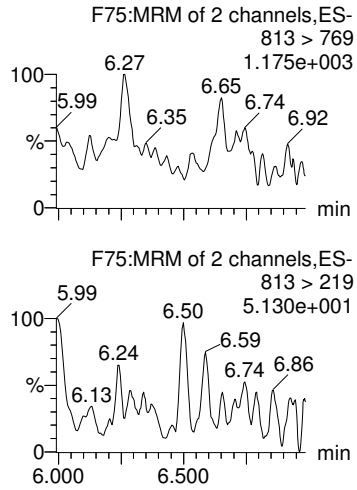

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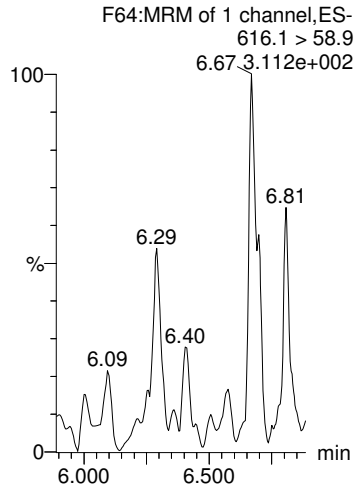

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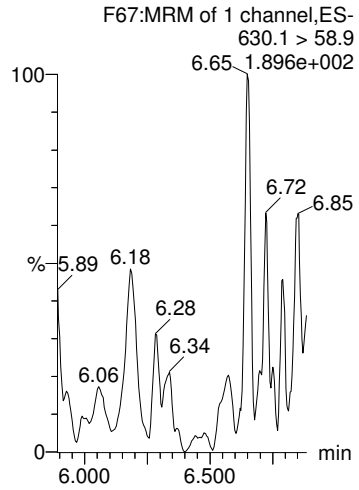

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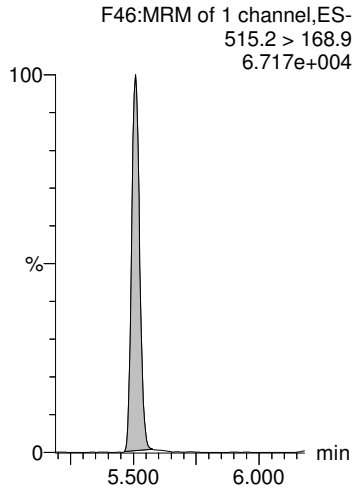

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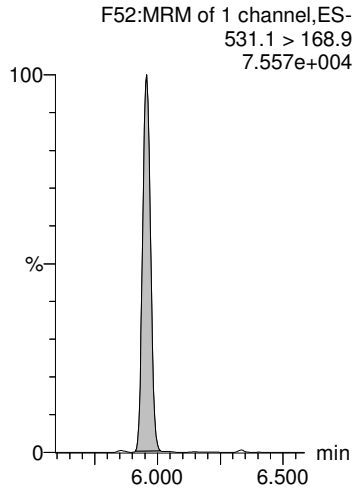

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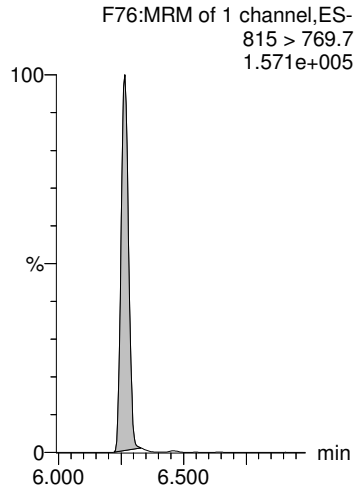
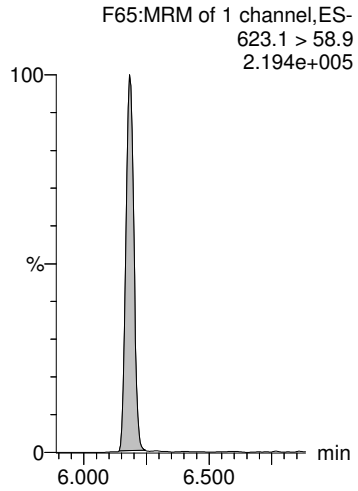


d7-N-MeFOSE-EIS



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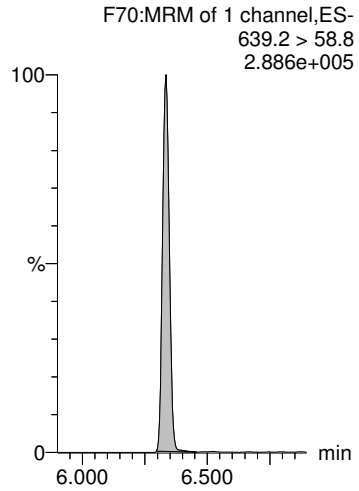

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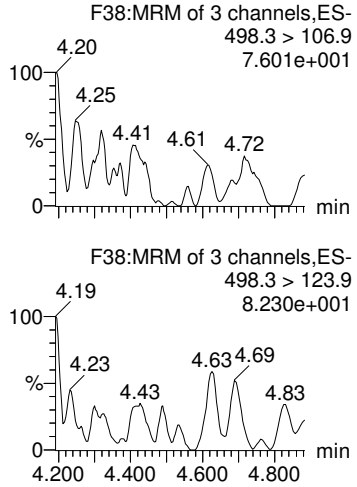
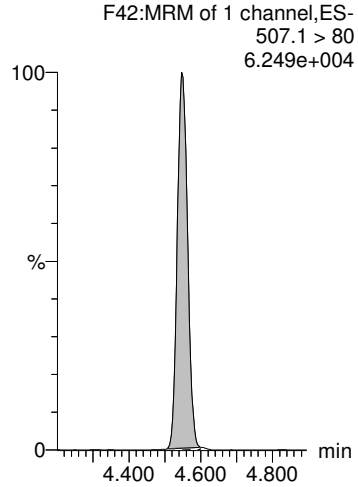
Last Altered: Monday, June 15, 2020 15:08:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:10:11 Pacific Daylight Time

Name: 200608P1-49, Date: 09-Jun-2020, Time: 01:40:03, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

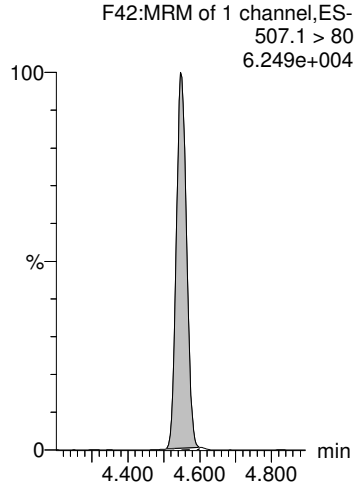
TDCA



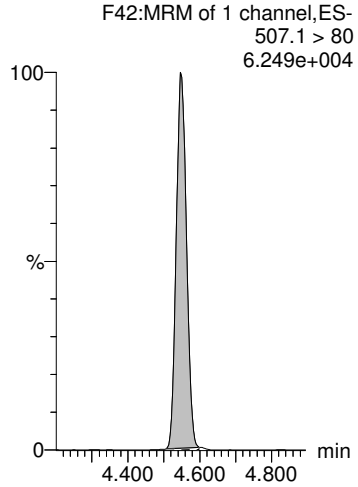
13C8-PFOS-EIS



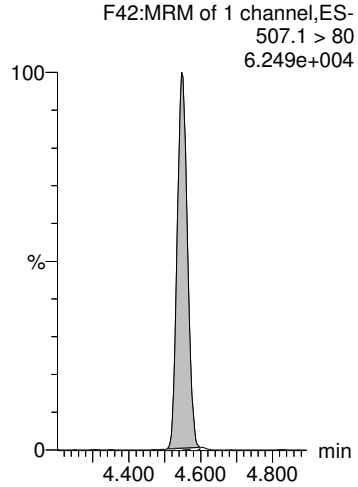
13C8-PFOS-EIS



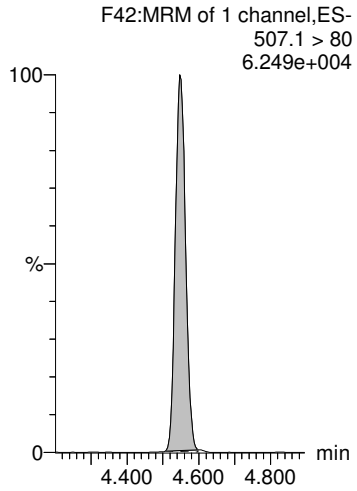
13C8-PFOS-EIS



13C8-PFOS-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory

OC 6/15/2020

Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:18:51 Pacific Daylight Time

Name: 200609P1-47, Date: 09-Jun-2020, Time: 21:16:53, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	4	PFPeA	263.1 > 218.9		7.40e3	0.119		2.11						
2	49	13C3-PFPeA-EIS	266.0 > 221.8	7.40e3		0.119	746.767	2.04	2.11	7400	83.5649	79.2		
3	-1													

QPV 6/15/2020

Vista Analytical Laboratory

OC 6/15/2020

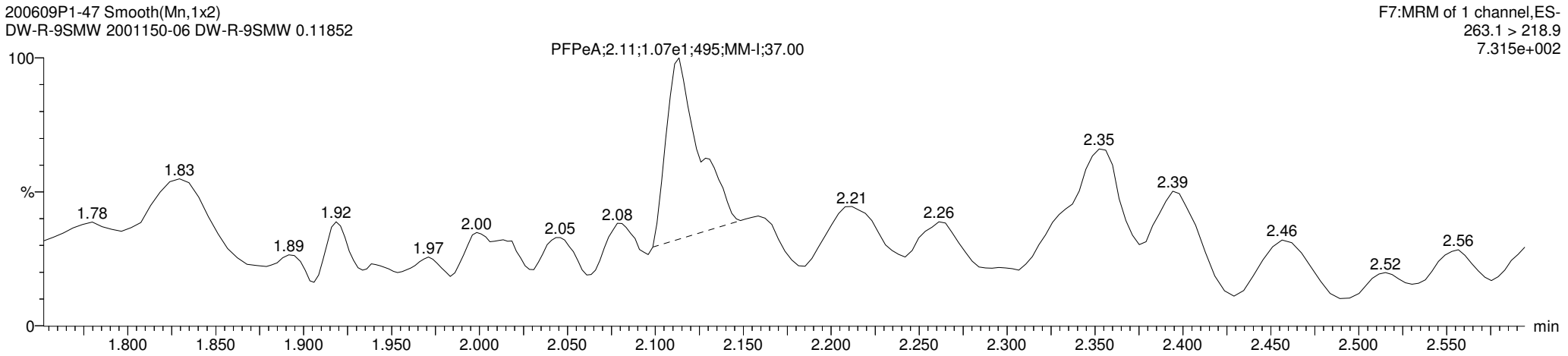
Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 15:18:51 Pacific Daylight Time

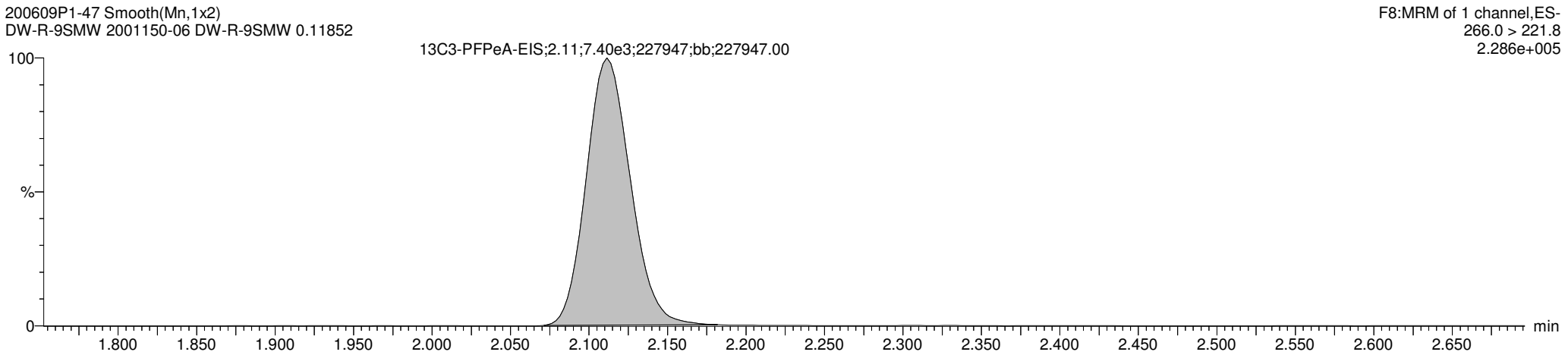
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-47, Date: 09-Jun-2020, Time: 21:16:53, ID: 2001150-06 DW-R-9SMW 0.11852, Description: DW-R-9SMW

PFPeA



13C3-PFPeA-EIS



CONTINUING CALIBRATION

LC Calibration Standards Review Checklist Q5

			ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	MM
Calibration ID:	ST200608P1-11	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-12	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-13	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐

MM QV 04/09/20

Full Mass Cal. Date: 20200605

Run Log Present: ☑

# of Samples per Sequence Checked: ☑

Instrument Blank Saved ☑

All Branches in Acquisition Window ☑

IIS Area Saved ☑ MM

Reviewed By: QV 4/9/2020
Initials/Date

Comments:

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

JLM 6/9/2020

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

1	PFBA	213.0 > 168.8	3872.540	4429.114	1.00	1.16	10.929	10.000	10.7	107.2	NO		
2	PFPrS	249 > 80	763.364	1082.354	1.00	1.49	8.816	10.000	10.4	103.5	NO	2.780	NO
3	3:3 FTCA	240.9 > 176.9	941.045	9193.203	1.00	1.96	1.280	10.000	10.7	107.0	NO	3.991	NO
4	PFPeA	263.1 > 218.9	7177.853	9193.203	1.00	2.09	9.760	10.000	11.1	110.5	NO		
5	PFBS	299.0 > 80	2425.357	1082.354	1.00	2.37	28.010	10.000	11.2	112.4	NO	2.492	NO
6	4:2 FTS	327.0 > 307	1226.657	1265.041	1.00	2.81	12.121	10.000	10.2	102.0	NO	0.606	NO
47	13C3-PFBA-EIS	216.1 > 171.8	4429.114		1.00	1.16	4429.114	12.500	13.5	107.9	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1082.354		1.00	2.37	1082.354	12.500	12.9	102.9	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	9193.203		1.00	2.09	9193.203	12.500	12.9	103.4	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	9193.203		1.00	2.09	9193.203	12.500	12.9	103.4	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1082.354		1.00	2.37	1082.354	12.500	12.9	102.9	NO		
55	13C2-4:2 FTS-EIS	329.0 >80.8	1265.041		1.00	2.81	1265.041	12.500	13.7	109.3	NO		
-1													
7	PFHxA	313.0 > 269.0	9722.155	10421.394	1.00	2.89	11.661	10.000	11.8	117.8	NO	16.517	NO
8	PFPeS	349.>80	2142.650	1082.354	1.00	3.10	24.745	10.000	12.3	122.9	NO	2.267	YES
9	HFPO-DA	285.1 > 168.9	1633.099	1922.651	1.00	3.11	10.617	10.000	11.6	115.8	NO	2.333	NO
10	5:3 FTCA	340.9 > 236.9	2043.161	9923.304	1.00	3.46	2.574	10.000	11.1	110.6	NO	1.663	NO
11	PFHpA	363.0 > 319	11184.709	9923.304	1.00	3.51	14.089	10.000	11.1	110.5	NO	43.792	NO
12	ADONA	376.8 > 250.9	19765.857	9923.304	1.00	3.62	24.898	10.000	11.0	110.0	NO	3.947	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	10421.394		1.00	2.89	10421.394	12.500	11.8	94.6	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1082.354		1.00	2.37	1082.354	12.500	12.9	102.9	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	1922.651		1.00	3.11	1922.651	12.500	13.2	105.7	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9923.304		1.00	3.51	9923.304	12.500	12.4	99.2	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9923.304		1.00	3.51	9923.304	12.500	12.4	99.2	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9923.304		1.00	3.51	9923.304	12.500	12.4	99.2	NO		
-1													
13	L-PFHxS	399 > 79.9	2070.920	2285.313	1.00	3.66	11.327	10.000	10.9	108.6	NO	3.775	NO
15	6:2 FTS	427.0 > 407	1406.739	1495.956	1.00	3.96	11.755	10.000	9.22	92.2	NO	0.764	NO
16	L-PFOA	413 > 369	11540.360	13456.310	1.00	4.01	10.720	10.000	11.3	113.2	NO	3.638	NO
18	PFecHS	461 > 381.0	2113.681	13456.310	1.00	4.03	1.963	10.000	10.6	105.6	NO	0.556	NO
19	PFHpS	449.0 > 80	1828.902	2182.635	1.00	4.13	10.474	10.000	11.3	113.4	NO	1.754	YES
20	7:3 FTCA	440.9 > 336.9	2377.674	11061.185	1.00	4.44	2.687	10.000	11.0	109.7	NO	1.108	NO
61	13C3-PFHxS-EIS	402 > 80	2285.313		1.00	3.66	2285.313	12.500	13.2	105.4	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.7	1495.956		1.00	3.96	1495.956	12.500	13.6	108.6	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13456.310		1.00	4.02	13456.310	12.500	12.9	103.5	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13456.310		1.00	4.02	13456.310	12.500	12.9	103.5	NO		

OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

71 13C8-PFOS-EIS	507.1 > 80	2182.635		1.00	4.55	2182.635	12.500	12.6	100.9	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	11061.185		1.00	4.46	11061.185	12.500	12.6	100.5	NO		
-1												
21 PFNA	463.0 > 418.8	11924.258	11061.185	1.00	4.46	13.475	10.000	11.7	117.5	NO	14.289	NO
22 PFOSA	498 > 78	2004.160	3468.660	1.00	4.51	7.222	10.000	11.2	111.7	NO	21.294	NO
23 L-PFOS	499 > 80	2243.370	2182.635	1.00	4.55	12.848	10.000	10.6	106.0	NO	2.655	NO
25 9Cl-PF30NS	531 > 351	5098.818	2182.635	1.00	4.77	29.201	10.000	10.9	109.3	NO	35.776	NO
26 PFDA	513 > 469	10521.119	13907.899	1.00	4.84	9.456	10.000	10.4	103.9	NO	5.324	NO
27 8:2 FTS	527.1 > 507	830.664	1235.441	1.00	4.81	8.405	10.000	9.77	97.7	NO	0.526	NO
65 13C5-PFNA-EIS	468.2 > 422.9	11061.185		1.00	4.46	11061.185	12.500	12.6	100.5	NO		
67 13C8-PFOSA-EIS	506 > 78	3468.660		1.00	4.51	3468.660	12.500	12.5	99.7	NO		
71 13C8-PFOS-EIS	507.1 > 80	2182.635		1.00	4.55	2182.635	12.500	12.6	100.9	NO		
71 13C8-PFOS-EIS	507.1 > 80	2182.635		1.00	4.55	2182.635	12.500	12.6	100.9	NO		
73 13C2-PFDA-EIS	515.1 > 469.9	13907.899		1.00	4.84	13907.899	12.500	13.3	106.3	NO		
75 13C2-8:2 FTS-EIS	529 > 80	1235.441		1.00	4.81	1235.441	12.500	11.7	93.6	NO		
-1												
28 PFNS	549 > 80	2415.517	2182.635	1.00	4.91	13.834	10.000	11.3	113.2	NO	2.589	YES
29 L-MeFOSAA	570 > 419	3724.328	3432.102	1.00	4.99	13.564	10.000	11.1	110.9	NO	1.929	NO
31 L-EtFOSAA	584 > 419	3889.427	2102.839	1.00	5.15	23.120	10.000	10.4	104.2	NO	1.320	NO
33 PFUdA	563.0 > 519	12068.309	13898.718	1.00	5.17	10.854	10.000	11.1	111.4	NO	18.454	NO
34 PFDS	599.1 > 80.0	1854.656	2182.635	1.00	5.21	10.622	10.000	10.6	106.1	NO	1.911	YES
35 11Cl-PF30UdS	631 > 451	3699.111	16651.754	1.00	5.38	2.777	10.000	11.0	109.8	NO	17.713	NO
71 13C8-PFOS-EIS	507.1 > 80	2182.635		1.00	4.55	2182.635	12.500	12.6	100.9	NO		
77 d3-N-MeFOSAA-EIS	573.1 > 419	3432.102		1.00	4.99	3432.102	12.500	12.9	103.4	NO		
81 d5-N-EtFOSAA-EIS	589.3 > 419	2102.839		1.00	5.15	2102.839	12.500	11.7	93.3	NO		
79 13C2-PFUdA-EIS	565 > 519.8	13898.718		1.00	5.17	13898.718	12.500	12.1	96.5	NO		
71 13C8-PFOS-EIS	507.1 > 80	2182.635		1.00	4.55	2182.635	12.500	12.6	100.9	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	16651.754		1.00	5.45	16651.754	12.500	12.9	103.1	NO		
-1												
36 10:2 FTS	626.9 > 607	1687.798	863.394	1.00	5.44	24.436	10.000	11.4	114.0	NO	1.169	NO
37 PFDoA	612.9 > 569.0	12686.383	16651.754	1.00	5.45	9.523	10.000	10.8	108.5	NO	11.504	NO
38 N-MeFOSA	512.1 > 168.9	5030.326	11289.211	1.00	5.48	66.482	50.000	57.2	114.4	NO	1.971	NO
39 PFTrDA	662.9 > 618.9	13616.164	16651.754	1.00	5.70	10.221	10.000	11.1	110.9	NO	111.538	NO
40 PFDoS	699 > 80	2354.764	13744.966	1.00	5.72	2.141	10.000	11.6	115.6	NO	2.205	NO
41 PFTeDA	713.0 > 669.0	7784.043	13744.966	1.00	5.91	7.079	10.000	10.9	108.6	NO	12.274	NO
85 13C2-10:2 FTS-EIS	632.9 > 80.0	863.394		1.00	5.43	863.394	12.500	12.2	97.7	NO		

OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
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Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

83 13C2-PFDoA-EIS	614.9 > 569.9	16651.754		1.00	5.45	16651.754	12.500	12.9	103.1	NO		
87 d3-N-MeFOSA-EIS	515.2 > 168.9	11289.211		1.00	5.51	11289.211	149.200	149	99.8	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	16651.754		1.00	5.45	16651.754	12.500	12.9	103.1	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	13744.966		1.00	5.91	13744.966	12.500	11.8	94.3	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	13744.966		1.00	5.91	13744.966	12.500	11.8	94.3	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	7481.340	17782.553	1.00	5.94	62.770	50.000	57.4	114.7	NO	1.960	NO
43 PFHxDA	813 > 769	15417.576	21735.170	1.00	6.27	8.867	10.000	10.6	106.4	NO	30.488	NO
44 PFODA	913.1 > 868.8	13199.479	21735.170	1.00	6.51	7.591	10.000	10.8	107.6	NO		
45 N-MeFOSE	616.1 > 58.9	5942.256	14717.080	1.00	6.19	60.242	50.000	54.1	108.3	NO		
46 N-EtFOSE	630.1 > 58.9	6421.250	16076.137	1.00	6.35	59.595	50.000	53.6	107.3	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	4429.114	4967.439	1.00	1.16	11.145	12.500	12.5	99.7	NO		
91 d5-N-ETFOSA-EIS	531.1 > 168.9	17782.553		1.00	5.96	17782.553	149.200	150	100.7	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	21735.170		1.00	6.27	21735.170	12.500	12.6	100.7	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	21735.170		1.00	6.27	21735.170	12.500	12.6	100.7	NO		
95 d7-N-MeFOSE-EIS	623.1 > 58.9	14717.080		1.00	6.18	14717.080	149.200	150	100.2	NO		
97 d9-N-EtFOSE-EIS	639.2 > 58.8	16076.137		1.00	6.33	16076.137	149.200	153	102.4	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	9169.142	12312.394	1.00	2.09	9.309	12.500	12.7	101.3	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 98.9	1082.354	836.561	1.00	2.37	16.173	12.500	13.0	104.4	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	1922.651	12312.394	1.00	3.11	1.952	12.500	12.1	96.5	NO		
56 13C2-4:2 FTS-RSD	329.0 >80.8	1265.041	836.561	1.00	2.81	18.902	12.500	13.8	110.5	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	10421.394	12312.394	1.00	2.89	10.580	12.500	11.5	92.0	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	9923.304	12312.394	1.00	3.51	10.075	12.500	12.3	98.6	NO		
62 13C3-PFHxS-RSD	402 > 80	2285.313	836.561	1.00	3.66	34.147	12.500	14.2	114.0	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.7	1495.956	2777.956	1.00	3.96	6.731	12.500	11.8	94.5	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	11061.185	11789.281	1.00	4.46	11.728	12.500	12.2	97.3	NO		
68 13C8-PFOSA-RSD	506 > 78	3468.660	9907.720	1.00	4.51	4.376	12.500	13.5	107.8	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	13456.310	11133.322	1.00	4.02	15.108	12.500	12.5	100.1	NO		
72 13C8-PFOS-RSD	507.1 > 80	2182.635	2777.956	1.00	4.55	9.821	12.500	11.2	89.5	NO		
74 13C2-PFDA-RSD	515.1 > 469.9	13907.899	12721.723	1.00	4.84	13.666	12.500	12.1	96.6	NO		
-1												
76 13C2-8:2 FTS-RSD	529 > 80	1235.441	2777.956	1.00	4.81	5.559	12.500	10.7	85.4	NO		
78 d3-N-MeFOSAA-RSD	573.1 > 419	3432.102	9907.720	1.00	4.99	4.330	12.500	14.5	115.6	NO		
80 13C2-PFUdA-RSD	565 > 519.8	13898.718	9907.720	1.00	5.17	17.535	12.500	12.9	103.3	NO		
82 d5-N-EtFOSAA-RSD	589.3 > 419	2102.839	9907.720	1.00	5.15	2.653	12.500	13.1	105.2	NO		

OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

84 13C2-PFDoA-RSD	614.9 > 569.9	16651.754	12721.723	1.00	5.45	16.362	12.500	11.7	93.2	NO
86 13C2-10:2 FTS-RSD	632.9 > 80.0	863.394	2777.956	1.00	5.43	3.885	12.500	10.4	83.2	NO
88 d3-N-MeFOSA-RSD	515.2 > 168.9	11289.211	9907.720	1.00	5.51	14.243	149.200	160	107.5	NO
90 13C2-PFTeDA-RSD	715.1 > 669.7	13744.966	9907.720	1.00	5.91	17.341	12.500	12.7	101.5	NO
92 d5-N-ETFOSA-RSD	531.1 > 168.9	17782.553	9907.720	1.00	5.96	22.435	149.200	172	115.5	NO
94 13C2-PFHxDA-RSD	815 > 769.7	21735.170	9907.720	1.00	6.27	27.422	12.500	13.6	108.6	NO
96 d7-N-MeFOSE-RSD	623.1 > 58.9	14717.080	9907.720	1.00	6.18	18.568	149.200	167	111.9	NO
98 d9-N-EtFOSE-RSD	639.2 > 58.8	16076.137	9907.720	1.00	6.33	20.282	149.200	171	114.7	NO
-1										
99 13C4-PFBA	217.0 > 172.0	4967.439	4967.439	1.00	1.16	12.500	12.500	12.5	100.0	NO
1... 13C5-PFHxA	318.0 > 272.9	12312.394	12312.394	1.00	2.89	12.500	12.500	12.5	100.0	NO
1... 13C8-PFOA	420.9 > 376.0	11133.322	11133.322	1.00	4.01	12.500	12.500	12.5	100.0	NO
1... 18O2-PFHxS	403.0 > 103	836.561	836.561	1.00	3.66	12.500	12.500	12.5	100.0	NO
1... 13C9-PFNA	472.2 > 426.9	11789.281	11789.281	1.00	4.46	12.500	12.500	12.5	100.0	NO
1... 13C4-PFOS	503 > 79.7	2777.956	2777.956	1.00	4.55	12.500	12.500	12.5	100.0	NO
1... 13C6-PFDA	519.1 > 473.7	12721.723	12721.723	1.00	4.84	12.500	12.500	12.5	100.0	NO
1... 13C7-PFUdA	570.1 > 524.8	9907.720	9907.720	1.00	5.17	12.500	12.500	12.5	100.0	NO

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:19:13 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:19:23 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Compound name: PFBA

1	200608P1-1	IPA	08-Jun-20 17:13:08
2	200608P1-2	TEST	08-Jun-20 17:23:52
3	200608P1-3	IPA	08-Jun-20 17:34:23
4	200608P1-4	IPA	08-Jun-20 17:47:16
5	200608P1-5	ST200608P1-1 PFC CS-2 20E2701	08-Jun-20 17:57:50
6	200608P1-6	ST200608P1-2 PFC CS-1 20E2702	08-Jun-20 18:08:18
7	200608P1-7	ST200608P1-3 PFC CS0 20F0201	08-Jun-20 18:18:50
8	200608P1-8	ST200608P1-4 PFC CS1 20E2704	08-Jun-20 18:29:18
9	200608P1-9	ST200608P1-5 PFC CS2 20E2705	08-Jun-20 18:39:50
10	200608P1-10	ST200608P1-6 PFC CS3 20E2706	08-Jun-20 18:50:20
11	200608P1-11	ST200608P1-7 PFC CS4 20F0303	08-Jun-20 19:00:49
12	200608P1-12	ST200608P1-8 PFC CS5 20E2708	08-Jun-20 19:11:21
13	200608P1-13	ST200608P1-9 PFC CS6 20E2709	08-Jun-20 19:21:50
14	200608P1-14	ST200608P1-10 PFC CS7 20E2710	08-Jun-20 19:32:22
15	200608P1-15	IB	08-Jun-20 19:42:51
16	200608P1-16	ICV200608P1-1 PFC ICV 20E2711	08-Jun-20 19:53:23
17	200608P1-17	IB	08-Jun-20 20:03:52
18	200608P1-18	2001068-07@5X L-PHIIE 0.11516	08-Jun-20 20:14:21
19	200608P1-19	B0E0259-BS1 OPR 2	08-Jun-20 20:24:54
20	200608P1-20	2001121-17 Field Blank 0.24793	08-Jun-20 20:35:23
21	200608P1-21	B0E0190-BLK1 Method Blank 1	08-Jun-20 20:45:54
22	200608P1-22	B0E0190-BS1 OPR 1	08-Jun-20 20:56:23
23	200608P1-23	2001087-02 S-Sed-LR 2.36	08-Jun-20 21:06:55
24	200608P1-24	2001087-04 S-Sed-111 1.27	08-Jun-20 21:17:24
25	200608P1-25	B0E0260-BLK1 Method Blank 1	08-Jun-20 21:27:54
26	200608P1-26	B0E0260-BS1 OPR 1	08-Jun-20 21:38:25
27	200608P1-27	2001109-01 PFAS Sludge 12.04	08-Jun-20 21:48:56
28	200608P1-28	B0E0266-BLK1 Method Blank 0.25	08-Jun-20 21:59:27
29	200608P1-29	B0E0266-BS1 OPR 0.25	08-Jun-20 22:09:55
30	200608P1-30	2001169-01 Well Water 0.2434	08-Jun-20 22:20:27
31	200608P1-31	B0E0249-BLK1 Method Blank 2	08-Jun-20 22:30:56
32	200608P1-32	B0E0249-BS1 OPR 2	08-Jun-20 22:41:28

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:19:13 Pacific Daylight Time
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Compound name: PFBA

33	200608P1-33	B0E0249-BS2 OPR 2	08-Jun-20	22:51:56
34	200608P1-34	B0E0249-BS3 OPR 2	08-Jun-20	23:02:28
35	200608P1-35	B0E0249-BS4 OPR 2	08-Jun-20	23:12:59
36	200608P1-36	B0F0015-BLK1 Method Blank 0.25	08-Jun-20	23:23:28
37	200608P1-37	B0F0015-BS1 OPR 0.25	08-Jun-20	23:33:59
38	200608P1-38	2001172-01 PPP3C2005271305JSJ 0.25037	08-Jun-20	23:44:29
39	200608P1-39	B0E0245-BLK1 Method Blank 0.125	08-Jun-20	23:54:59
40	200608P1-40	B0E0245-BS1 OPR 0.125	09-Jun-20	00:05:30
41	200608P1-41	2001150-01 GW-MW-6 0.11362	09-Jun-20	00:16:00
42	200608P1-42	2001150-02 GW-MW-9 0.1113	09-Jun-20	00:26:29
43	200608P1-43	2001150-03 GW-MW-10 0.10736	09-Jun-20	00:37:00
44	200608P1-44	2001150-04 GW-FPC-5A 0.10786	09-Jun-20	00:47:31
45	200608P1-45	IB	09-Jun-20	00:58:02
46	200608P1-46	ST200608P1-11 PFC CS3 20E2706	09-Jun-20	01:08:31
47	200608P1-47	IB	09-Jun-20	01:19:02
48	200608P1-48	2001150-05 GW-FPC-5B 0.11142	09-Jun-20	01:29:31
49	200608P1-49	2001150-06 DW-R-9SMW 0.11852	09-Jun-20	01:40:03
50	200608P1-50	B0F0009-BLK1 Method Blank 0.25	09-Jun-20	01:50:33
51	200608P1-51	B0F0009-BS1 OPR 0.25	09-Jun-20	02:01:02
52	200608P1-52	2001176-01 2 0.23906	09-Jun-20	02:11:33
53	200608P1-53	2001176-02 3 0.23977	09-Jun-20	02:22:02
54	200608P1-54	2001176-03 4 0.24299	09-Jun-20	02:32:34
55	200608P1-55	2001176-04 6 0.24407	09-Jun-20	02:43:03
56	200608P1-56	2001176-05 5 0.24399	09-Jun-20	02:53:33
57	200608P1-57	2001176-06 7 0.24832	09-Jun-20	03:04:05
58	200608P1-58	2001176-07 Ditch B 0.24353	09-Jun-20	03:14:34
59	200608P1-59	2001176-08 1N 0.24218	09-Jun-20	03:25:05
60	200608P1-60	IB	09-Jun-20	03:35:36
61	200608P1-61	ST200608P1-12 PFC CS3 20E2706	09-Jun-20	03:46:04
62	200608P1-62	IB	09-Jun-20	03:56:37
63	200608P1-63	2001176-09 1ES 0.24426	09-Jun-20	04:07:06
64	200608P1-64	2001176-10 8 0.24575	09-Jun-20	04:17:37
65	200608P1-65	2001176-11 8 DUP 0.24133	09-Jun-20	04:28:06
66	200608P1-66	2001176-12 9 0.24065	09-Jun-20	04:38:38
67	200608P1-67	2001176-13 SW-2 0.24325	09-Jun-20	04:49:07
68	200608P1-68	2001176-14 SW-3 0.24065	09-Jun-20	04:59:38

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:19:13 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:19:23 Pacific Daylight Time

Compound name: PFBA

69	200608P1-69	2001176-15 Field Blank 0.24972	09-Jun-20	05:10:09
70	200608P1-70	2001176-16 Equip Blank 0.25389	09-Jun-20	05:20:39
71	200608P1-71	IB	09-Jun-20	05:31:08
72	200608P1-72	ST200608P1-13 PFC CS3 20E2706	09-Jun-20	05:41:38
73	200608P1-73	IB	09-Jun-20	05:52:09

Vista Analytical Laboratory

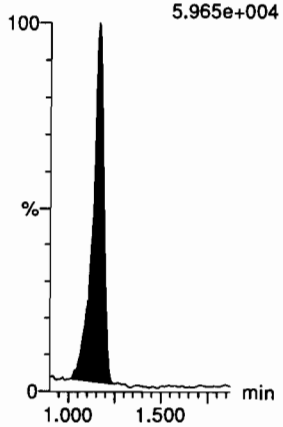
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFBA



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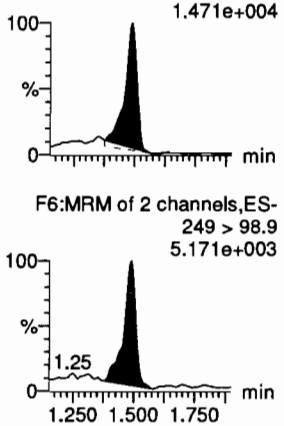
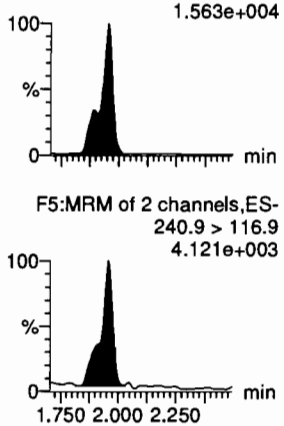
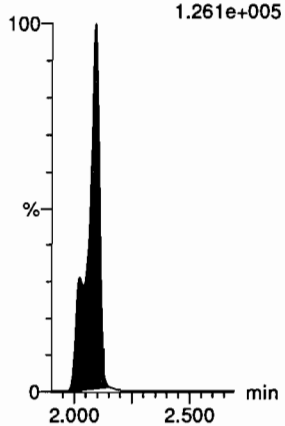


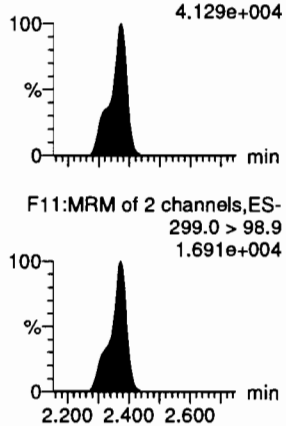
3:3 FTCA



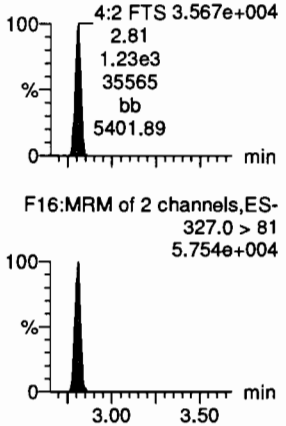
PFPeA



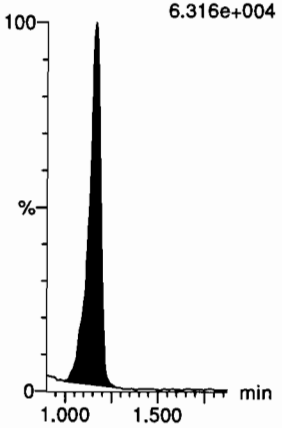
PFBS



4:2 FTS



13C3-PFBA-EIS



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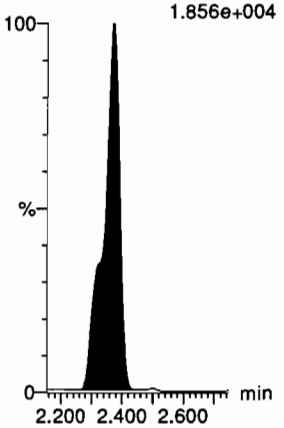

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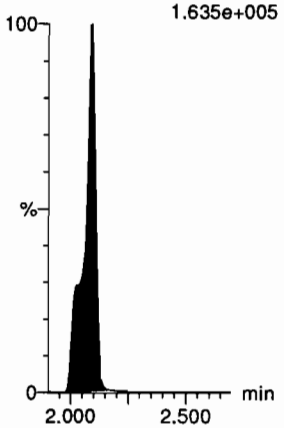

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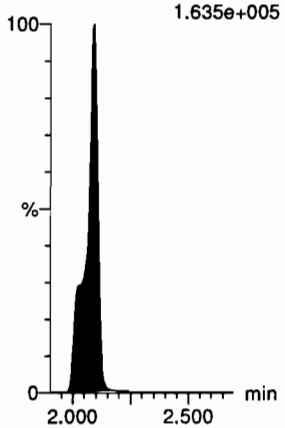

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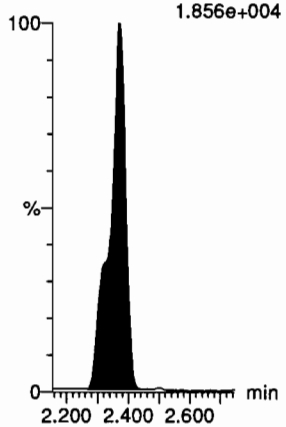
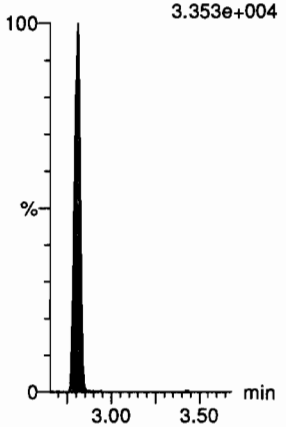


13C2-4:2 FTS-EIS



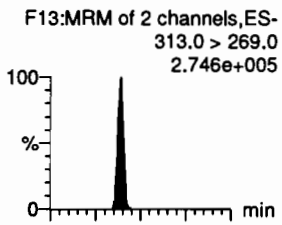
OPV 6/9/2020

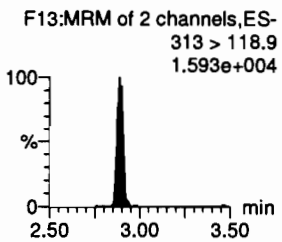
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

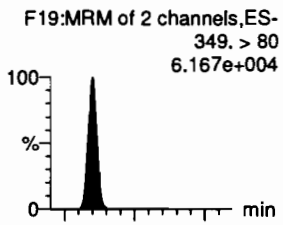
Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

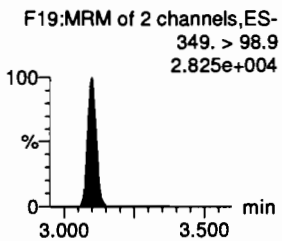
PFHxA





PFPeS





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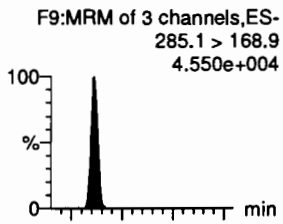
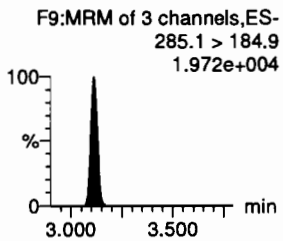
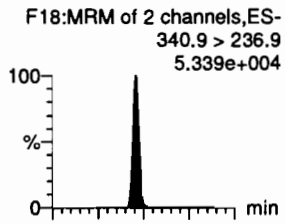
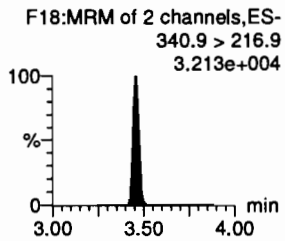




5:3 FTCA





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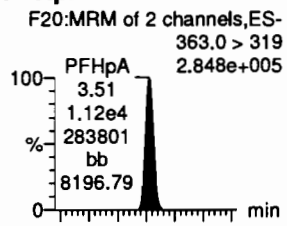

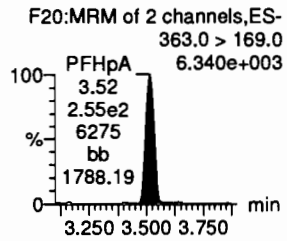

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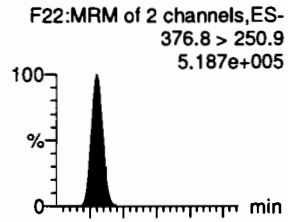
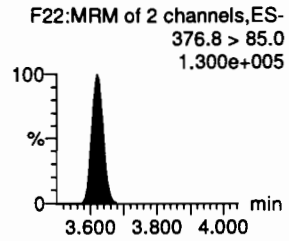
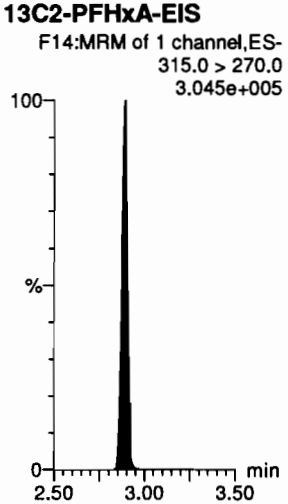




13C2-PFHxA-EIS



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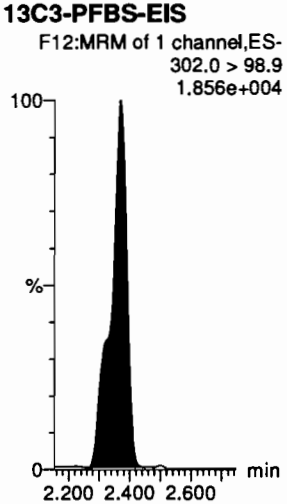
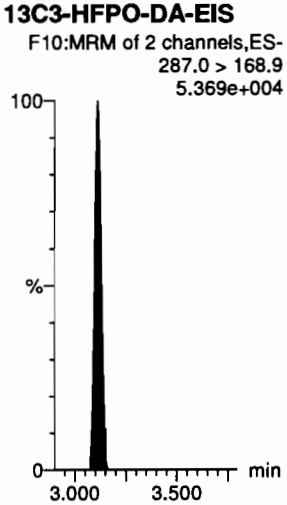
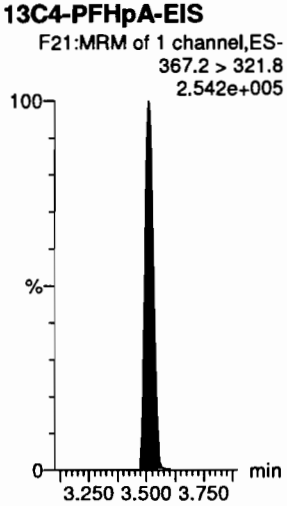


13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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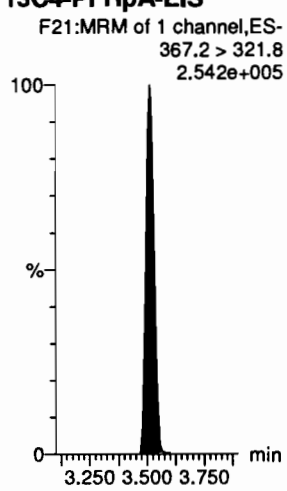

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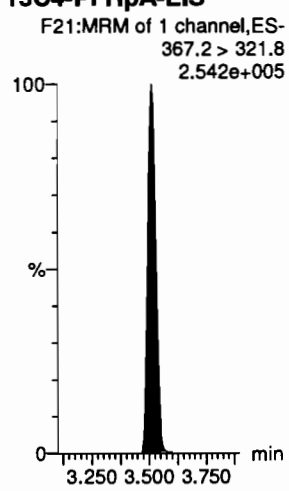

OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

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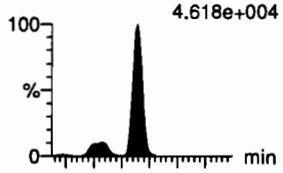
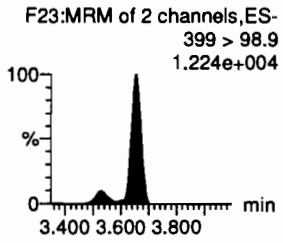
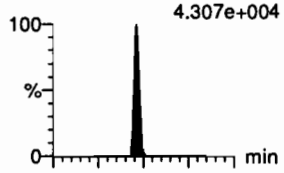
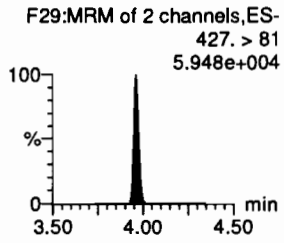




6:2 FTS





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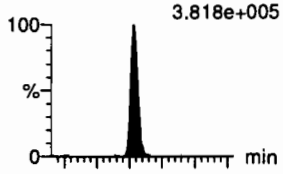

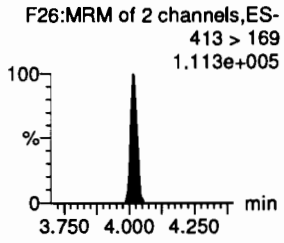

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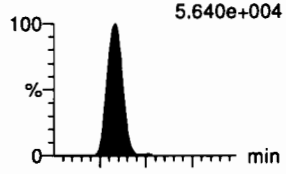

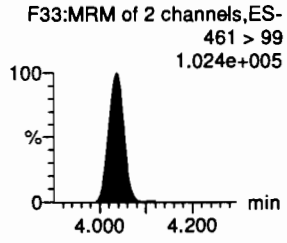

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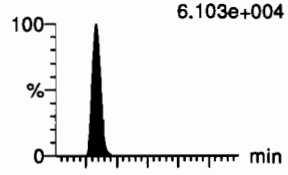
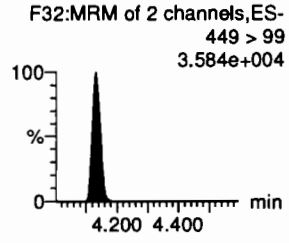
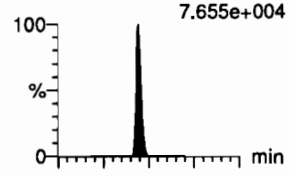
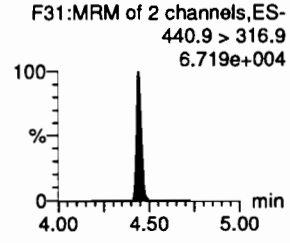


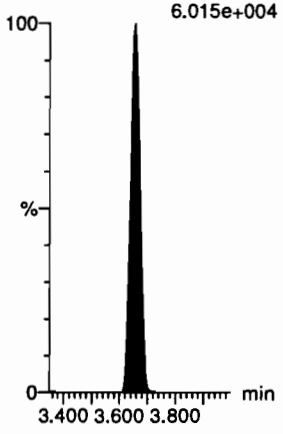


7:3 FTCA





13C3-PFHxS-EIS



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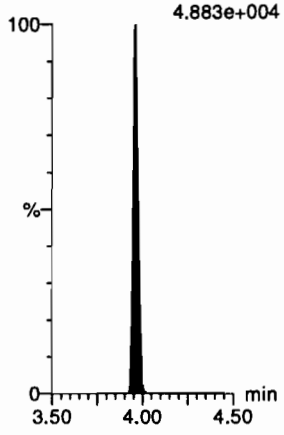

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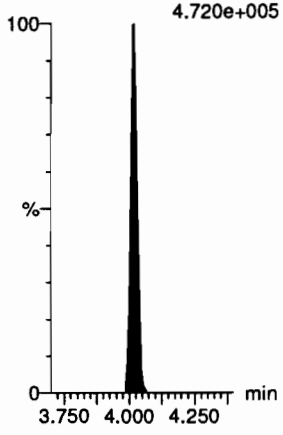

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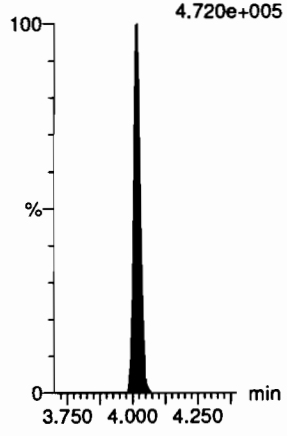

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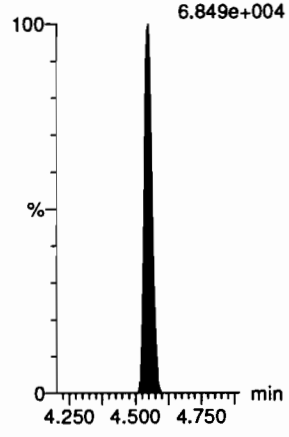
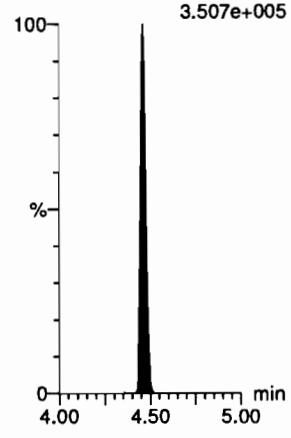


13C5-PFNA-EIS



OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

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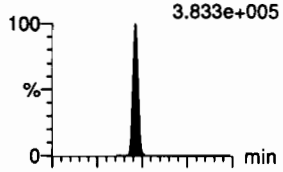

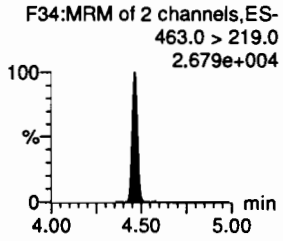

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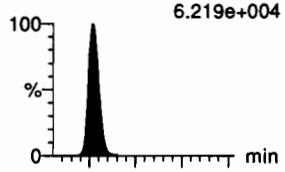
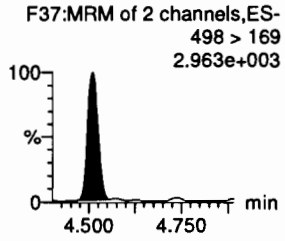
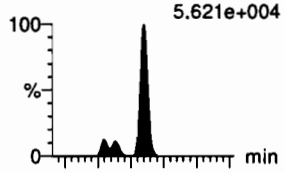
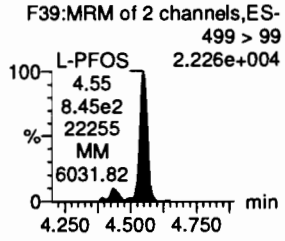


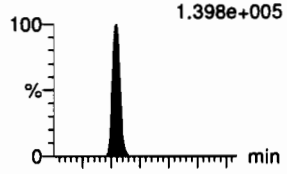


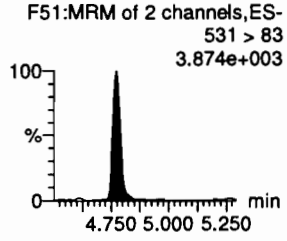
L-PFOS





9Cl-PF30NS





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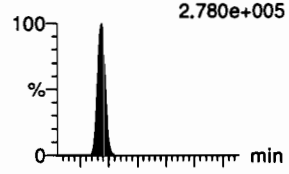
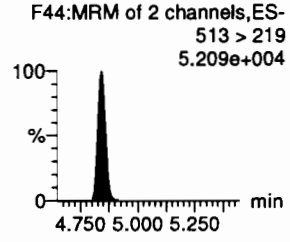
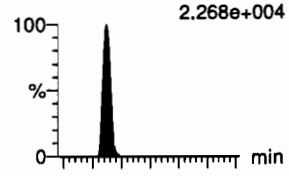
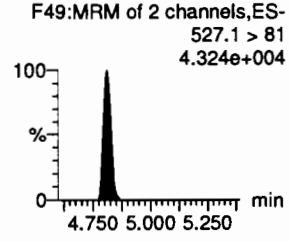




8:2 FTS





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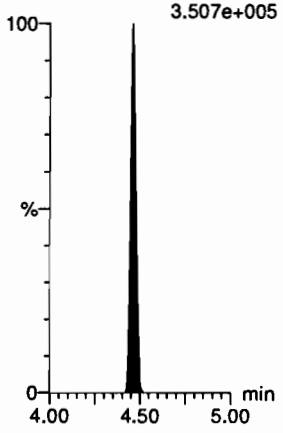

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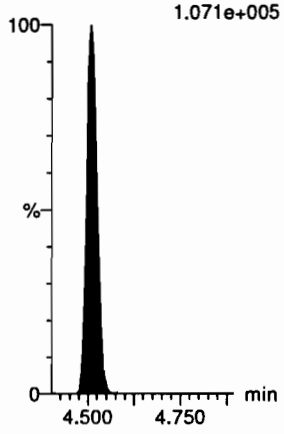

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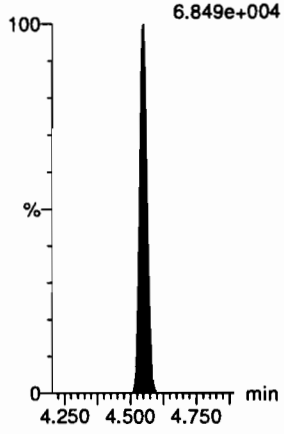

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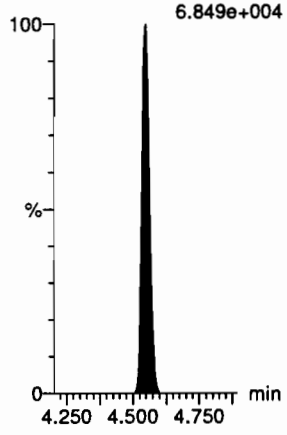

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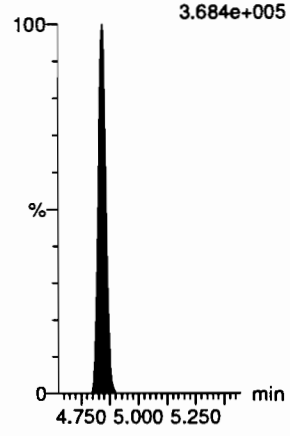

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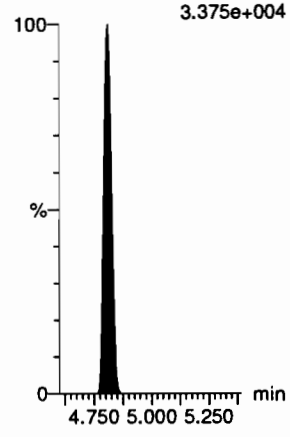

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Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

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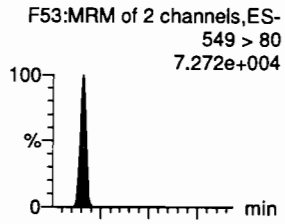

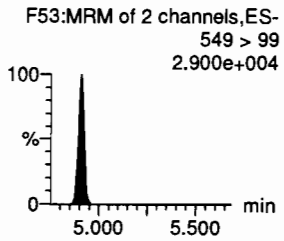

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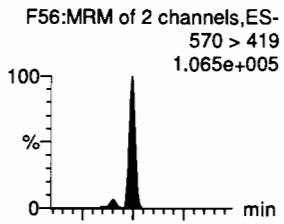
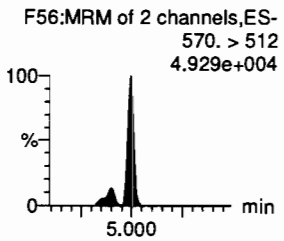
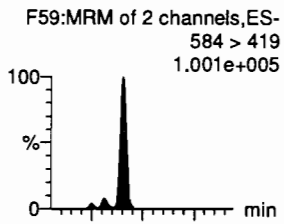
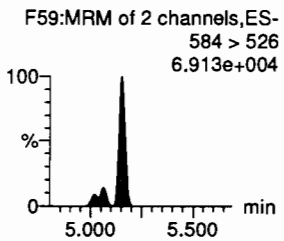


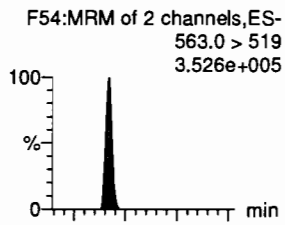


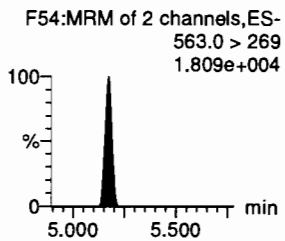
L-EtFOSAA





PFUdA





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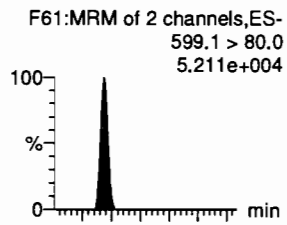

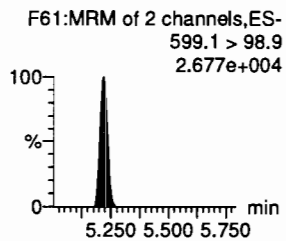

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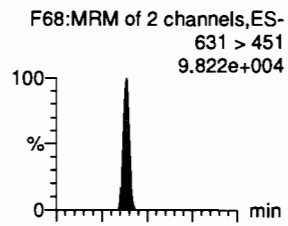
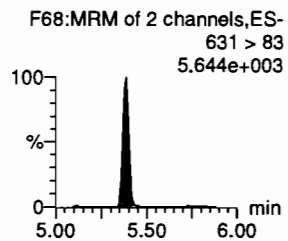
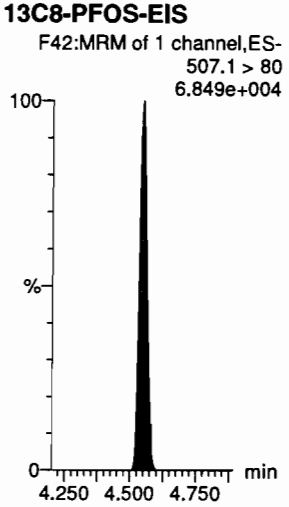
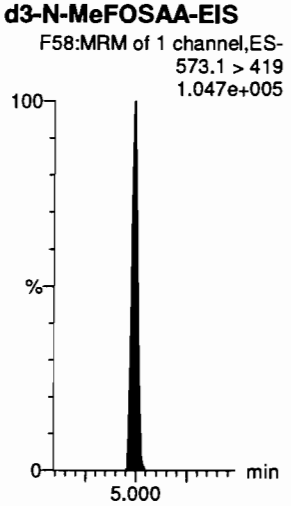




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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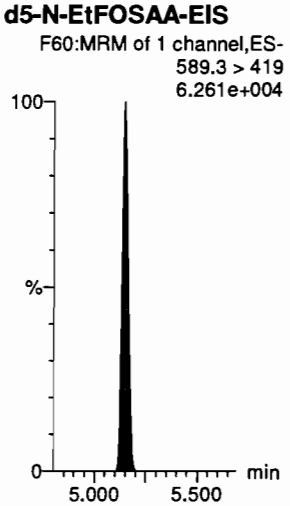
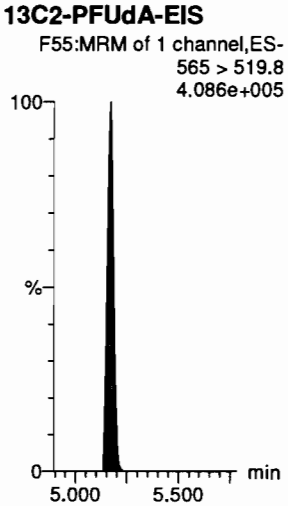
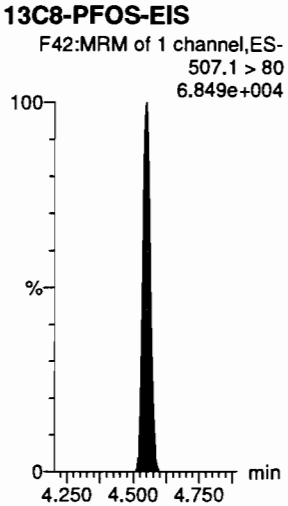


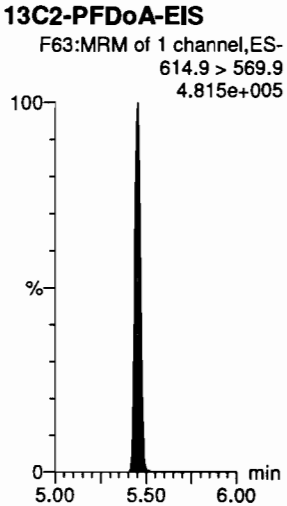
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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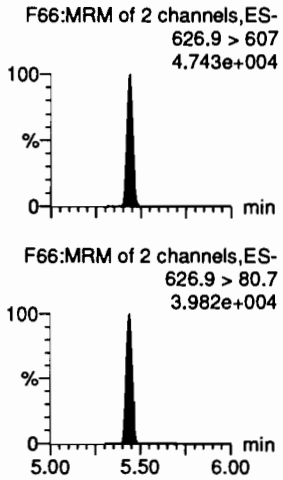
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

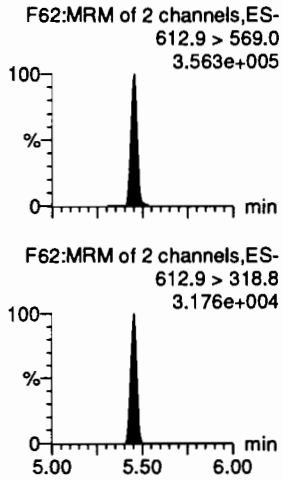
Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

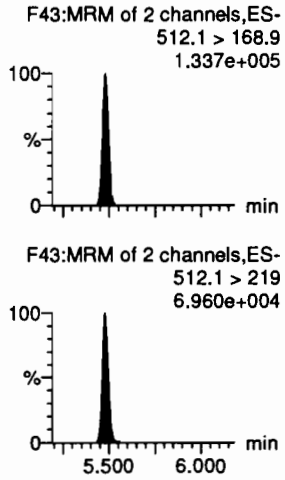
10:2 FTS



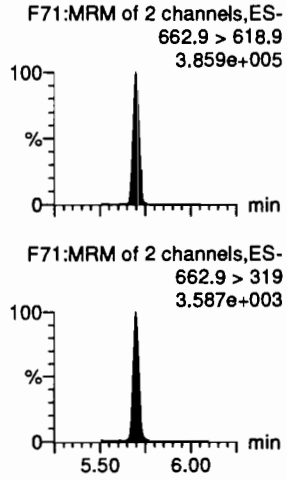
PFDoA



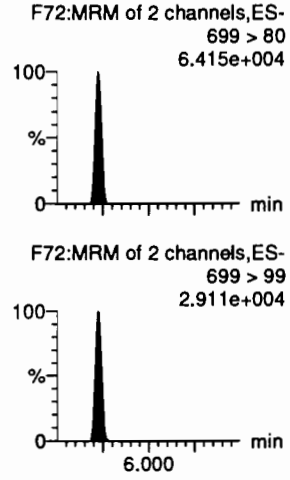
N-MeFOSA



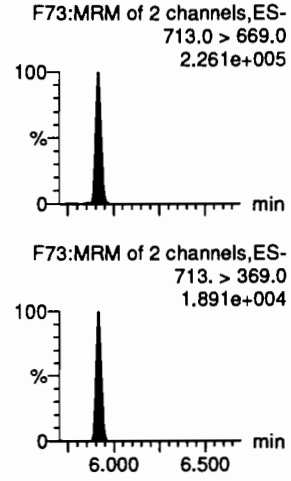
PFTrDA



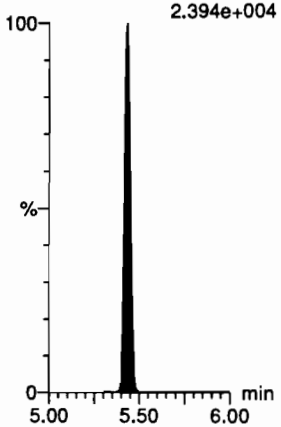
PFDoS



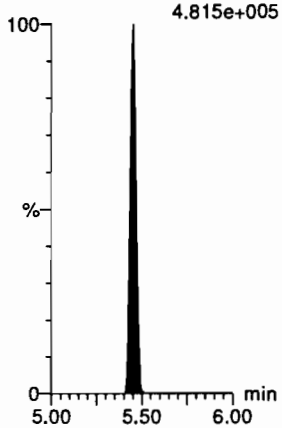
PFTeDA



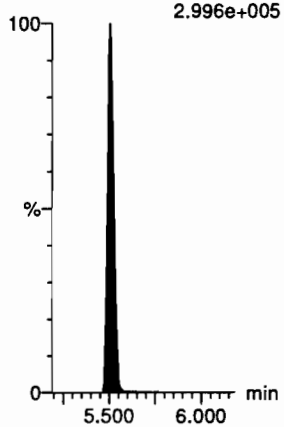
13C2-10:2 FTS-EIS



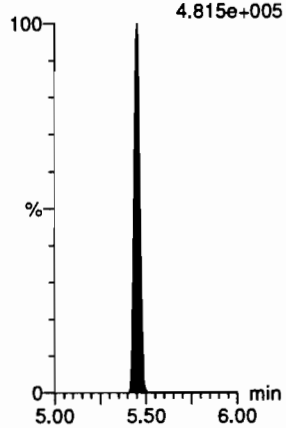
13C2-PFDoA-EIS



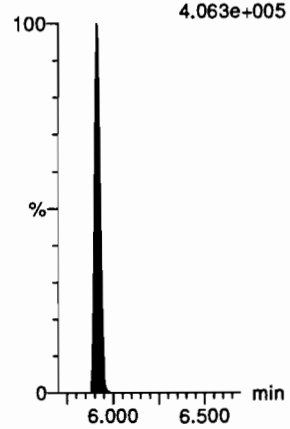
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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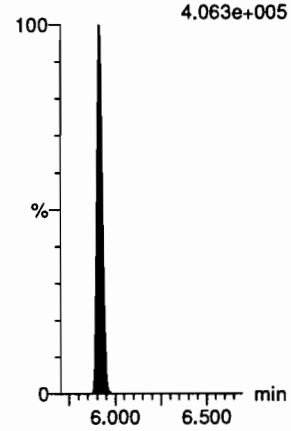

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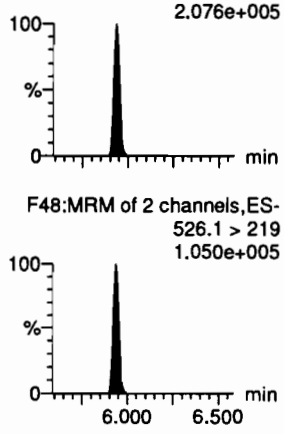
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

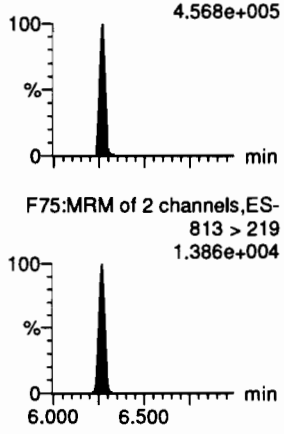
Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

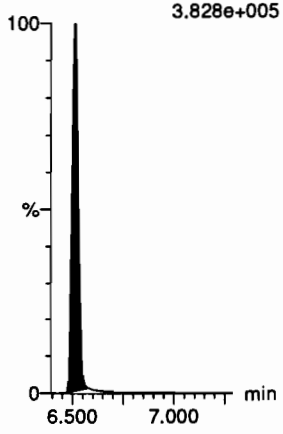
N-EtFOSA



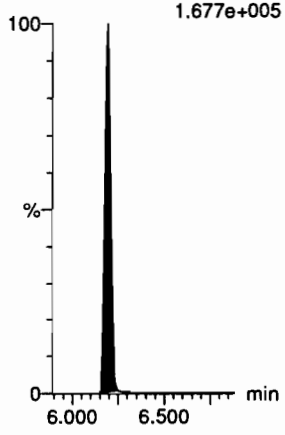
PFHxDA



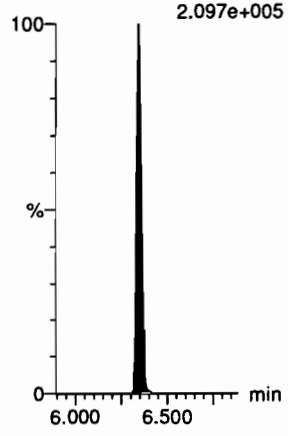
PFODA



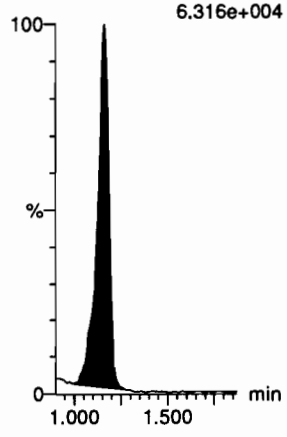
N-MeFOSE



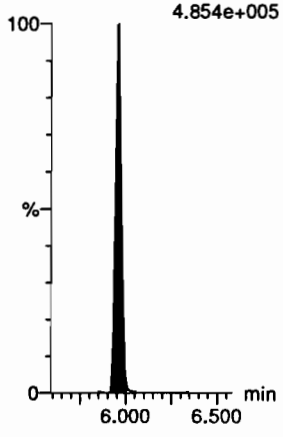
N-EtFOSE



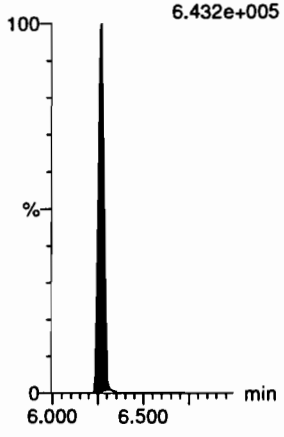
13C3-PFBA-RSD



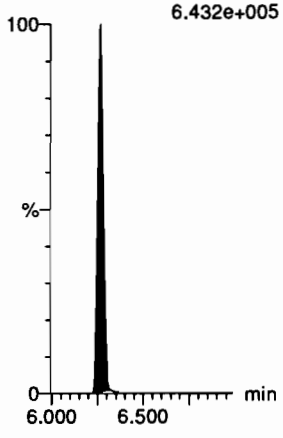
d5-N-ETFOSA-EIS



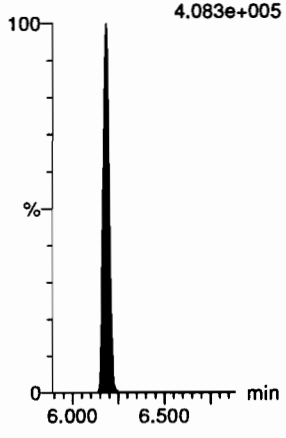
13C2-PFHxDA-EIS



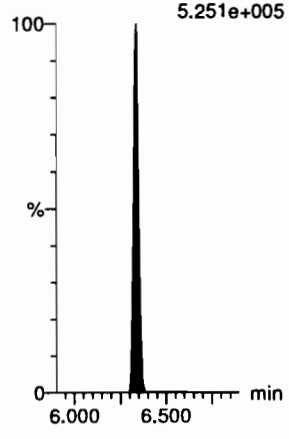
13C2-PFHxDA-EIS



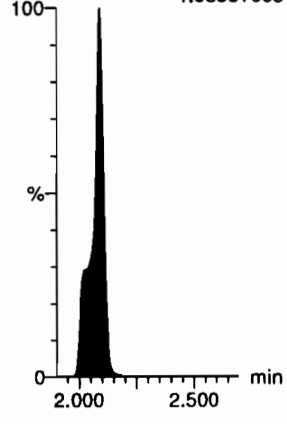
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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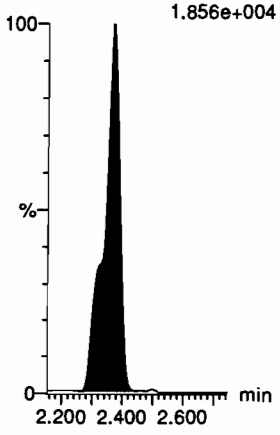
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

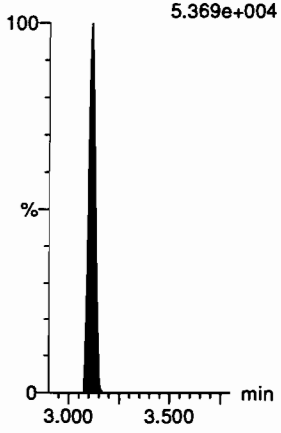
Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

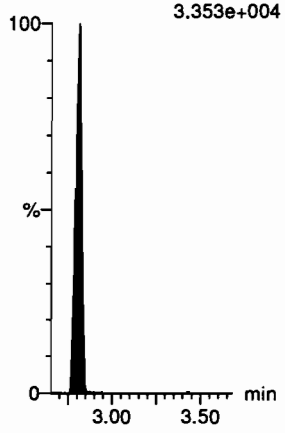
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.856e+004



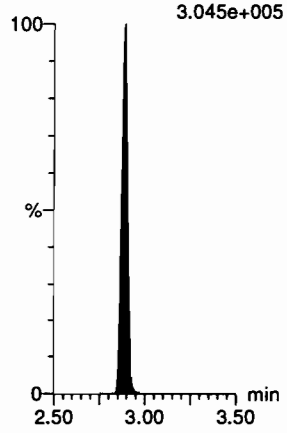
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.369e+004



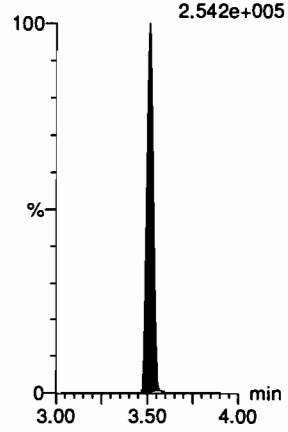
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.353e+004



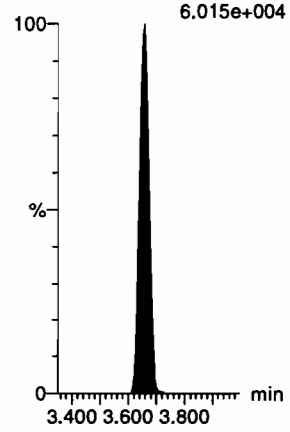
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.045e+005



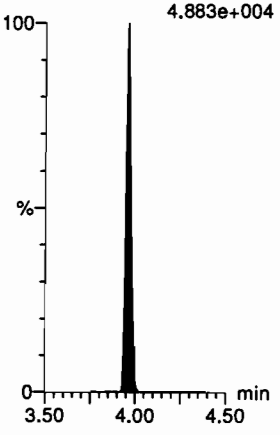
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.542e+005



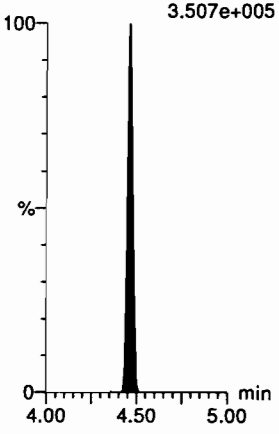
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.015e+004



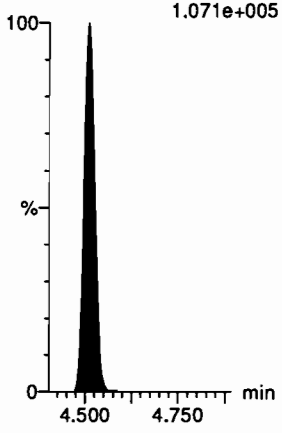
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.883e+004



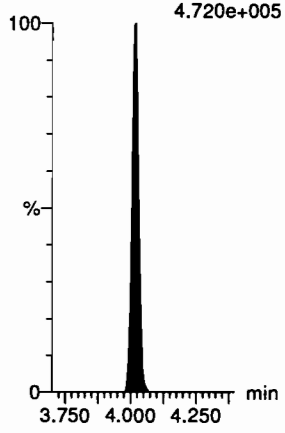
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.507e+005



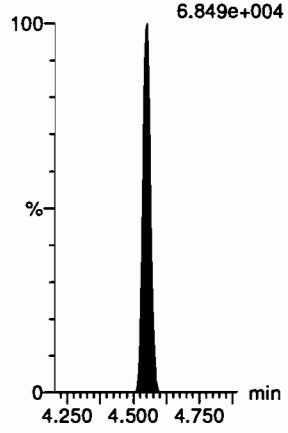
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.071e+005



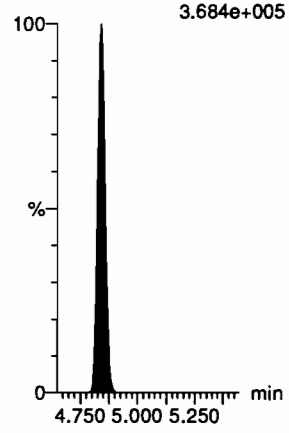
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.720e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.849e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.684e+005



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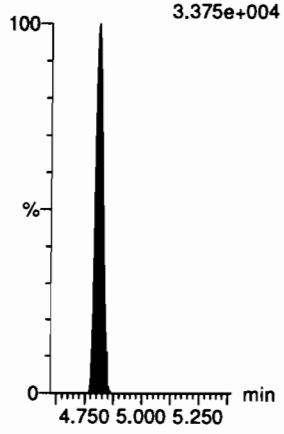
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-46.qld

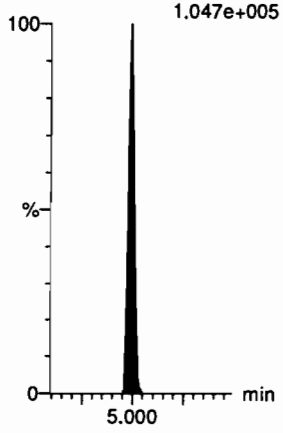
Last Altered: Tuesday, June 09, 2020 14:03:15 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:04:00 Pacific Daylight Time

Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

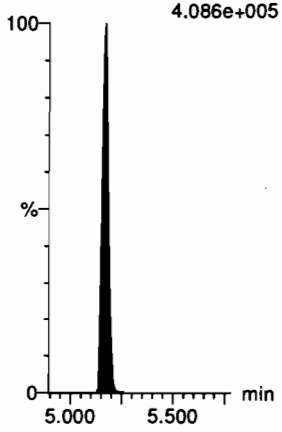
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.375e+004



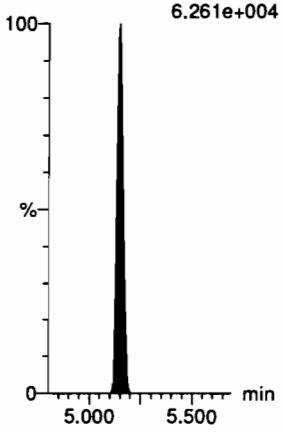
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.047e+005



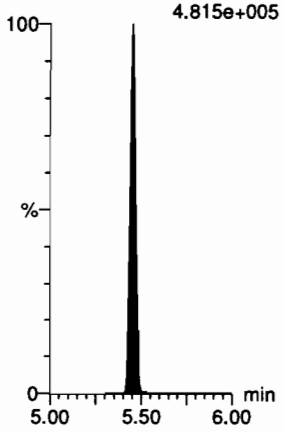
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.086e+005



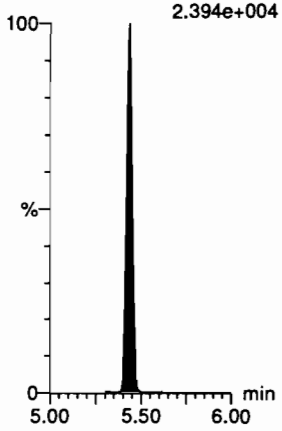
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.261e+004



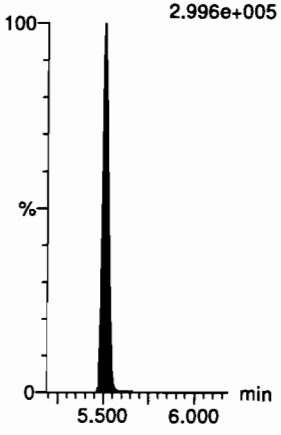
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.815e+005



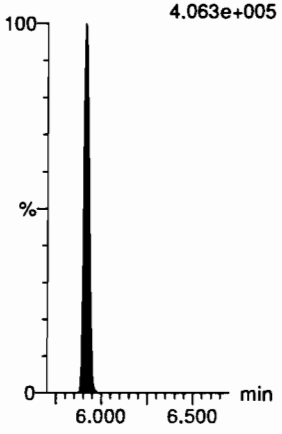
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.394e+004



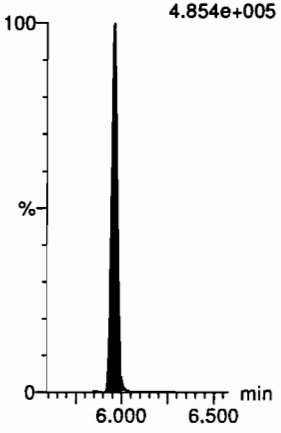
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.996e+005



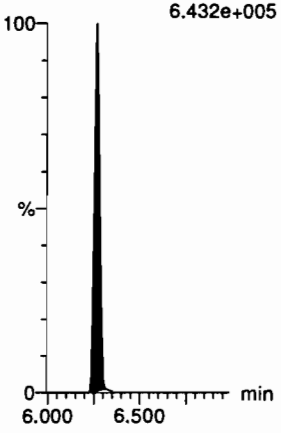
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.063e+005



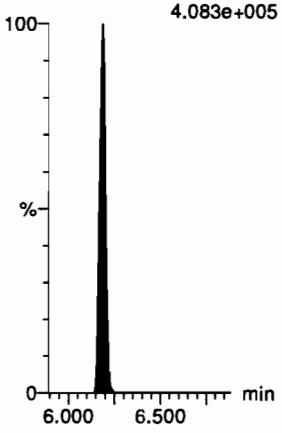
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.854e+005



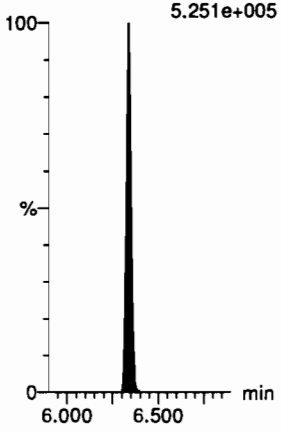
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.432e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.083e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.251e+005



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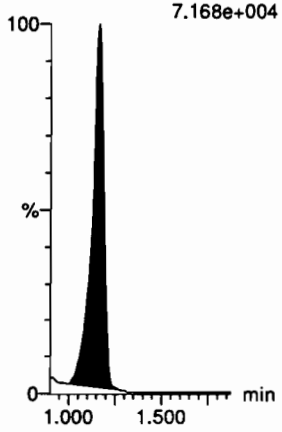
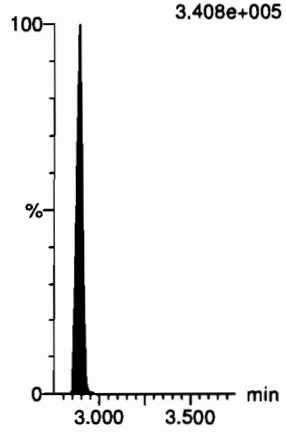
Name: 200608P1-46, Date: 09-Jun-2020, Time: 01:08:31, ID: ST200608P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

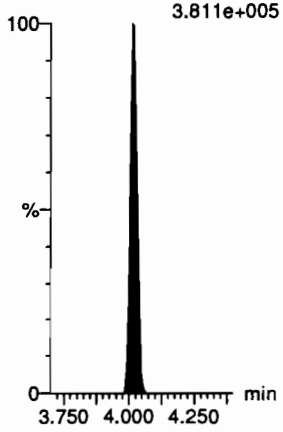
13C4-PFBA



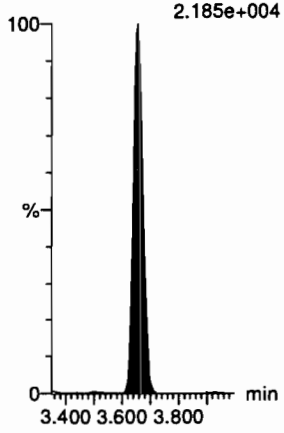
13C5-PFHxA



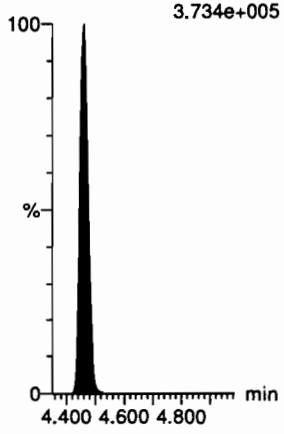
13C8-PFOA



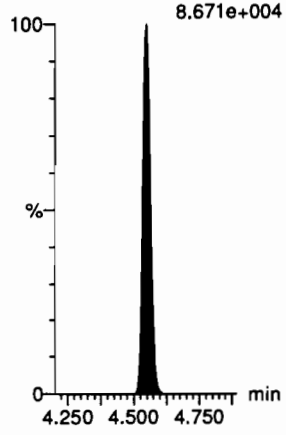
18O2-PFHxS



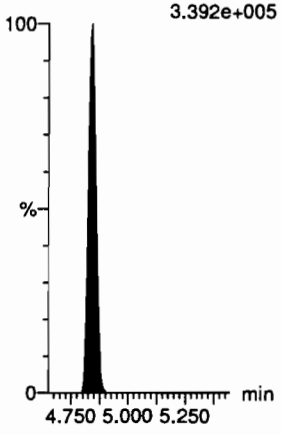
13C9-PFNA



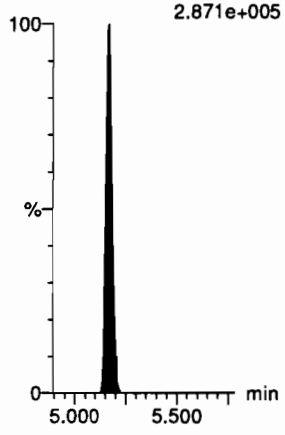
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

1	PFBA	213.0 > 168.8	4157.650	4707.877	1.00	1.16	11.039	10.000	10.8	108.3	NO		
2	PFPrS	249 > 80	829.651	1204.061	1.00	1.49	8.613	10.000	10.1	101.1	NO	2.699	NO
3	3:3 FTCA	240.9 > 176.9	926.001	9792.612	1.00	1.96	1.182	10.000	9.89	98.9	NO	3.039	NO
4	PFPeA	263.1 > 218.9	7593.834	9792.612	1.00	2.09	9.693	10.000	11.0	109.8	NO		
5	PFBS	299.0 > 80	2505.859	1204.061	1.00	2.37	26.015	10.000	10.4	104.4	NO	2.326	NO
6	4:2 FTS	327.0 > 307	1315.066	1396.967	1.00	2.81	11.767	10.000	9.90	99.0	NO	0.609	NO
47	13C3-PFBA-EIS	216.1 > 171.8	4707.877		1.00	1.17	4707.877	12.500	14.3	114.7	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1204.061		1.00	2.37	1204.061	12.500	14.3	114.5	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	9792.612		1.00	2.09	9792.612	12.500	13.8	110.1	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	9792.612		1.00	2.09	9792.612	12.500	13.8	110.1	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1204.061		1.00	2.37	1204.061	12.500	14.3	114.5	NO		
55	13C2-4:2 FTS-EIS	329.0 >80.8	1396.967		1.00	2.81	1396.967	12.500	15.1	120.7	NO		
-1													
7	PFHxA	313.0 > 269.0	10009.582	11490.129	1.00	2.89	10.889	10.000	11.0	110.0	NO	16.658	NO
8	PFPeS	349.>80	2051.068	1204.061	1.00	3.10	21.293	10.000	10.6	105.7	NO	2.289	YES
9	HFPO-DA	285.1 > 168.9	1750.818	2136.250	1.00	3.12	10.245	10.000	11.2	111.8	NO	2.303	NO
10	5:3 FTCA	340.9 > 236.9	2081.293	9699.428	1.00	3.45	2.682	10.000	11.5	115.2	NO	1.681	NO
11	PFHpA	363.0 > 319	11094.450	9699.428	1.00	3.51	14.298	10.000	11.2	112.2	NO	49.551	NO
12	ADONA	376.8 > 250.9	20897.389	9699.428	1.00	3.62	26.931	10.000	11.9	119.0	NO	3.833	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	11490.129		1.00	2.89	11490.129	12.500	13.0	104.3	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1204.061		1.00	2.37	1204.061	12.500	14.3	114.5	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	2136.250		1.00	3.11	2136.250	12.500	14.7	117.4	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9699.428		1.00	3.51	9699.428	12.500	12.1	97.0	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9699.428		1.00	3.51	9699.428	12.500	12.1	97.0	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9699.428		1.00	3.51	9699.428	12.500	12.1	97.0	NO		
-1													
13	L-PFHxS	399 > 79.9	2328.990	2334.919	1.00	3.66	12.468	10.000	12.0	119.5	NO	5.020	NO
15	6:2 FTS	427.0 > 407	1488.511	1508.403	1.00	3.96	12.335	10.000	9.68	96.8	NO	0.801	NO
16	L-PFOA	413 > 369	11445.513	13108.988	1.00	4.01	10.914	10.000	11.5	115.2	NO	2.876	NO
18	PFecHS	461 > 381.0	2139.307	13108.988	1.00	4.03	2.040	10.000	11.0	109.7	NO	0.539	NO
19	PFHpS	449.0 > 80	1914.782	2447.868	1.00	4.13	9.778	10.000	10.6	105.9	NO	1.871	NO
20	7:3 FTCA	440.9 > 336.9	2573.129	11472.270	1.00	4.44	2.804	10.000	11.4	114.5	NO	1.311	NO
61	13C3-PFHxS-EIS	402 > 80	2334.919		1.00	3.65	2334.919	12.500	13.5	107.7	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.7	1508.403		1.00	3.96	1508.403	12.500	13.7	109.5	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13108.988		1.00	4.01	13108.988	12.500	12.6	100.8	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13108.988		1.00	4.01	13108.988	12.500	12.6	100.8	NO		

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Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

71 13C8-PFOS-EIS	507.1 > 80	2447.868		1.00	4.55	2447.868	12.500	14.1	113.2	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	11472.270		1.00	4.46	11472.270	12.500	13.0	104.3	NO		
-1												
21 PFNA	463.0 > 418.8	12262.472	11472.270	1.00	4.46	13.361	10.000	11.6	116.5	NO	12.470	NO
22 PFOSA	498 > 78	2187.833	3832.223	1.00	4.51	7.136	10.000	11.0	110.3	NO	17.894	NO
23 L-PFOS	499 > 80	2389.335	2447.868	1.00	4.55	12.201	10.000	10.1	100.6	NO	2.721	NO
25 9Cl-PF30NS	531 > 351	5079.340	2447.868	1.00	4.77	25.938	10.000	9.71	97.1	NO	23.409	NO
26 PFDA	513 > 469	10462.565	14481.226	1.00	4.84	9.031	10.000	9.92	99.2	NO	4.831	NO
27 8:2 FTS	527.1 > 507	927.194	1282.764	1.00	4.81	9.035	10.000	10.5	105.0	NO	0.545	NO
65 13C5-PFNA-EIS	468.2 > 422.9	11472.270		1.00	4.46	11472.270	12.500	13.0	104.3	NO		
67 13C8-PFOSA-EIS	506 > 78	3832.223		1.00	4.51	3832.223	12.500	13.8	110.1	NO		
71 13C8-PFOS-EIS	507.1 > 80	2447.868		1.00	4.55	2447.868	12.500	14.1	113.2	NO		
71 13C8-PFOS-EIS	507.1 > 80	2447.868		1.00	4.55	2447.868	12.500	14.1	113.2	NO		
73 13C2-PFDA-EIS	515.1 > 469.9	14481.226		1.00	4.84	14481.226	12.500	13.8	110.7	NO		
75 13C2-8:2 FTS-EIS	529 > 80	1282.764		1.00	4.81	1282.764	12.500	12.1	97.2	NO		
-1												
28 PFNS	549 > 80	2663.950	2447.868	1.00	4.91	13.603	10.000	11.1	111.3	NO	2.845	YES
29 L-MeFOSAA	570 > 419	3543.096	3172.255	1.00	4.99	13.961	10.000	11.4	114.2	NO	1.893	NO
31 L-EtFOSAA	584 > 419	4029.746	2199.775	1.00	5.15	22.899	10.000	10.3	103.2	NO	1.264	NO
33 PFUdA	563.0 > 519	12415.458	14812.558	1.00	5.16	10.477	10.000	10.7	107.5	NO	15.490	NO
34 PFDS	599.1 > 80.0	2063.303	2447.868	1.00	5.21	10.536	10.000	10.5	105.3	NO	2.184	YES
35 11Cl-PF30UdS	631 > 451	3585.483	16421.887	1.00	5.38	2.729	10.000	10.8	107.9	NO	16.035	NO
71 13C8-PFOS-EIS	507.1 > 80	2447.868		1.00	4.55	2447.868	12.500	14.1	113.2	NO		
77 d3-N-MeFOSAA-EIS	573.1 > 419	3172.255		1.00	4.99	3172.255	12.500	12.0	95.6	NO		
81 d5-N-EtFOSAA-EIS	589.3 > 419	2199.775		1.00	5.15	2199.775	12.500	12.2	97.6	NO		
79 13C2-PFUdA-EIS	565 > 519.8	14812.558		1.00	5.16	14812.558	12.500	12.9	102.8	NO		
71 13C8-PFOS-EIS	507.1 > 80	2447.868		1.00	4.55	2447.868	12.500	14.1	113.2	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	16421.887		1.00	5.45	16421.887	12.500	12.7	101.7	NO		
-1												
36 10:2 FTS	626.9 > 607	1589.159	982.833	1.00	5.43	20.211	10.000	9.42	94.2	NO	1.153	NO
37 PFDoA	612.9 > 569.0	13142.857	16421.887	1.00	5.45	10.004	10.000	11.4	114.0	NO	12.345	NO
38 N-MeFOSA	512.1 > 168.9	5184.138	11737.060	1.00	5.48	65.900	50.000	56.7	113.4	NO	1.853	NO
39 PFTrDA	662.9 > 618.9	13628.581	16421.887	1.00	5.70	10.374	10.000	11.3	112.6	NO	104.805	NO
40 PFDoS	699 > 80	2621.429	14367.271	1.00	5.72	2.281	10.000	12.3	123.2	NO	2.332	NO
41 PFTeDA	713.0 > 669.0	8307.430	14367.271	1.00	5.91	7.228	10.000	11.1	110.9	NO	16.297	YES
85 13C2-10:2 FTS-EIS	632.9 > 80.0	982.833		1.00	5.43	982.833	12.500	13.9	111.2	NO		

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Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

83 13C2-PFDoA-EIS	614.9 > 569.9	16421.887		1.00	5.45	16421.887	12.500	12.7	101.7	NO		
87 d3-N-MeFOSA-EIS	515.2 > 168.9	11737.060		1.00	5.50	11737.060	149.200	155	103.7	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	16421.887		1.00	5.45	16421.887	12.500	12.7	101.7	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	14367.271		1.00	5.91	14367.271	12.500	12.3	98.5	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	14367.271		1.00	5.91	14367.271	12.500	12.3	98.5	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	7524.307	18508.949	1.00	5.93	60.653	50.000	55.4	110.8	NO	1.898	NO
43 PFHxDA	813 > 769	15934.763	21492.873	1.00	6.26	9.267	10.000	11.1	111.3	NO	33.027	NO
44 PFODA	913.1 > 868.8	13834.070	21492.873	1.00	6.51	8.046	10.000	11.4	114.1	NO		
45 N-MeFOSE	616.1 > 58.9	6062.465	16175.763	1.00	6.19	55.918	50.000	50.2	100.5	NO		
46 N-EtFOSE	630.1 > 58.9	6640.027	16946.758	1.00	6.34	58.459	50.000	52.6	105.2	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	4738.682	5257.670	1.00	1.17	11.266	12.500	12.6	100.8	NO		
91 d5-N-ETFOSA-EIS	531.1 > 168.9	18508.949		1.00	5.95	18508.949	149.200	156	104.8	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	21492.873		1.00	6.26	21492.873	12.500	12.4	99.5	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	21492.873		1.00	6.26	21492.873	12.500	12.4	99.5	NO		
95 d7-N-MeFOSE-EIS	623.1 > 58.9	16175.763		1.00	6.18	16175.763	149.200	164	110.2	NO		
97 d9-N-EtFOSE-EIS	639.2 > 58.8	16946.758		1.00	6.33	16946.758	149.200	161	107.9	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	9807.892	12993.631	1.00	2.09	9.435	12.500	12.8	102.7	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 98.9	1204.061	993.399	1.00	2.37	15.151	12.500	12.2	97.8	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	2136.250	12993.631	1.00	3.11	2.055	12.500	12.7	101.6	NO		
56 13C2-4:2 FTS-RSD	329.0 >80.8	1396.967	993.399	1.00	2.81	17.578	12.500	12.8	102.7	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	11490.129	12993.631	1.00	2.89	11.054	12.500	12.0	96.2	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	9699.428	12993.631	1.00	3.51	9.331	12.500	11.4	91.3	NO		
62 13C3-PFHxS-RSD	402 > 80	2334.919	993.399	1.00	3.65	29.380	12.500	12.3	98.1	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.7	1508.403	2699.729	1.00	3.96	6.984	12.500	12.3	98.1	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	11472.270	12188.906	1.00	4.46	11.765	12.500	12.2	97.7	NO		
68 13C8-PFOSA-RSD	506 > 78	3832.223	11509.684	1.00	4.51	4.162	12.500	12.8	102.5	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	13108.988	12151.055	1.00	4.01	13.485	12.500	11.2	89.4	NO		
72 13C8-PFOS-RSD	507.1 > 80	2447.868	2699.729	1.00	4.55	11.334	12.500	12.9	103.3	NO		
74 13C2-PFDA-RSD	515.1 > 469.9	14481.226	12566.625	1.00	4.84	14.404	12.500	12.7	101.8	NO		
-1												
76 13C2-8:2 FTS-RSD	529 > 80	1282.764	2699.729	1.00	4.81	5.939	12.500	11.4	91.2	NO		
78 d3-N-MeFOSAA-RSD	573.1 > 419	3172.255	11509.684	1.00	4.99	3.445	12.500	11.5	92.0	NO		
80 13C2-PFUdA-RSD	565 > 519.8	14812.558	11509.684	1.00	5.16	16.087	12.500	11.8	94.7	NO		
82 d5-N-EtFOSAA-RSD	589.3 > 419	2199.775	11509.684	1.00	5.15	2.389	12.500	11.8	94.7	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-61.qld

Last Altered: Tuesday, June 09, 2020 14:08:39 Pacific Daylight Time
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Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

84 13C2-PFDoA-RSD	614.9 > 569.9	16421.887	12566.625	1.00	5.45	16.335	12.500	11.6	93.1	NO
86 13C2-10:2 FTS-RSD	632.9 > 80.0	982.833	2699.729	1.00	5.43	4.551	12.500	12.2	97.5	NO
88 d3-N-MeFOSA-RSD	515.2 > 168.9	11737.060	11509.684	1.00	5.50	12.747	149.200	143	96.2	NO
90 13C2-PFTeDA-RSD	715.1 > 669.7	14367.271	11509.684	1.00	5.91	15.603	12.500	11.4	91.3	NO
92 d5-N-ETFOSA-RSD	531.1 > 168.9	18508.949	11509.684	1.00	5.95	20.101	149.200	154	103.5	NO
94 13C2-PFHxDA-RSD	815 > 769.7	21492.873	11509.684	1.00	6.26	23.342	12.500	11.6	92.4	NO
96 d7-N-MeFOSE-RSD	623.1 > 58.9	16175.763	11509.684	1.00	6.18	17.568	149.200	158	105.9	NO
98 d9-N-EtFOSE-RSD	639.2 > 58.8	16946.758	11509.684	1.00	6.33	18.405	149.200	155	104.1	NO
-1										
99 13C4-PFBA	217.0 > 172.0	5257.670	5257.670	1.00	1.16	12.500	12.500	12.5	100.0	NO
1... 13C5-PFHxA	318.0 > 272.9	12993.631	12993.631	1.00	2.89	12.500	12.500	12.5	100.0	NO
1... 13C8-PFOA	420.9 > 376.0	12151.055	12151.055	1.00	4.01	12.500	12.500	12.5	100.0	NO
1... 18O2-PFHxS	403.0 > 103	993.399	993.399	1.00	3.66	12.500	12.500	12.5	100.0	NO
1... 13C9-PFNA	472.2 > 426.9	12188.906	12188.906	1.00	4.46	12.500	12.500	12.5	100.0	NO
1... 13C4-PFOS	503 > 79.7	2699.729	2699.729	1.00	4.55	12.500	12.500	12.5	100.0	NO
1... 13C6-PFDA	519.1 > 473.7	12566.625	12566.625	1.00	4.84	12.500	12.500	12.5	100.0	NO
1... 13C7-PFUdA	570.1 > 524.8	11509.684	11509.684	1.00	5.16	12.500	12.500	12.5	100.0	NO

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Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:19:13 Pacific Daylight Time
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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Compound name: PFBA

1	200608P1-1	IPA	08-Jun-20	17:13:08
2	200608P1-2	TEST	08-Jun-20	17:23:52
3	200608P1-3	IPA	08-Jun-20	17:34:23
4	200608P1-4	IPA	08-Jun-20	17:47:16
5	200608P1-5	ST200608P1-1 PFC CS-2 20E2701	08-Jun-20	17:57:50
6	200608P1-6	ST200608P1-2 PFC CS-1 20E2702	08-Jun-20	18:08:18
7	200608P1-7	ST200608P1-3 PFC CS0 20F0201	08-Jun-20	18:18:50
8	200608P1-8	ST200608P1-4 PFC CS1 20E2704	08-Jun-20	18:29:18
9	200608P1-9	ST200608P1-5 PFC CS2 20E2705	08-Jun-20	18:39:50
10	200608P1-10	ST200608P1-6 PFC CS3 20E2706	08-Jun-20	18:50:20
11	200608P1-11	ST200608P1-7 PFC CS4 20F0303	08-Jun-20	19:00:49
12	200608P1-12	ST200608P1-8 PFC CS5 20E2708	08-Jun-20	19:11:21
13	200608P1-13	ST200608P1-9 PFC CS6 20E2709	08-Jun-20	19:21:50
14	200608P1-14	ST200608P1-10 PFC CS7 20E2710	08-Jun-20	19:32:22
15	200608P1-15	IB	08-Jun-20	19:42:51
16	200608P1-16	ICV200608P1-1 PFC ICV 20E2711	08-Jun-20	19:53:23
17	200608P1-17	IB	08-Jun-20	20:03:52
18	200608P1-18	2001068-07@5X L-PHIIE 0.11516	08-Jun-20	20:14:21
19	200608P1-19	B0E0259-BS1 OPR 2	08-Jun-20	20:24:54
20	200608P1-20	2001121-17 Field Blank 0.24793	08-Jun-20	20:35:23
21	200608P1-21	B0E0190-BLK1 Method Blank 1	08-Jun-20	20:45:54
22	200608P1-22	B0E0190-BS1 OPR 1	08-Jun-20	20:56:23
23	200608P1-23	2001087-02 S-Sed-LR 2.36	08-Jun-20	21:06:55
24	200608P1-24	2001087-04 S-Sed-111 1.27	08-Jun-20	21:17:24
25	200608P1-25	B0E0260-BLK1 Method Blank 1	08-Jun-20	21:27:54
26	200608P1-26	B0E0260-BS1 OPR 1	08-Jun-20	21:38:25
27	200608P1-27	2001109-01 PFAS Sludge 12.04	08-Jun-20	21:48:56
28	200608P1-28	B0E0266-BLK1 Method Blank 0.25	08-Jun-20	21:59:27
29	200608P1-29	B0E0266-BS1 OPR 0.25	08-Jun-20	22:09:55
30	200608P1-30	2001169-01 Well Water 0.2434	08-Jun-20	22:20:27
31	200608P1-31	B0E0249-BLK1 Method Blank 2	08-Jun-20	22:30:56
32	200608P1-32	B0E0249-BS1 OPR 2	08-Jun-20	22:41:28

Dataset: Untitled

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Compound name: PFBA

33	200608P1-33	B0E0249-BS2 OPR 2	08-Jun-20	22:51:56
34	200608P1-34	B0E0249-BS3 OPR 2	08-Jun-20	23:02:28
35	200608P1-35	B0E0249-BS4 OPR 2	08-Jun-20	23:12:59
36	200608P1-36	B0F0015-BLK1 Method Blank 0.25	08-Jun-20	23:23:28
37	200608P1-37	B0F0015-BS1 OPR 0.25	08-Jun-20	23:33:59
38	200608P1-38	2001172-01 PPP3C2005271305JSJ 0.25037	08-Jun-20	23:44:29
39	200608P1-39	B0E0245-BLK1 Method Blank 0.125	08-Jun-20	23:54:59
40	200608P1-40	B0E0245-BS1 OPR 0.125	09-Jun-20	00:05:30
41	200608P1-41	2001150-01 GW-MW-6 0.11362	09-Jun-20	00:16:00
42	200608P1-42	2001150-02 GW-MW-9 0.1113	09-Jun-20	00:26:29
43	200608P1-43	2001150-03 GW-MW-10 0.10736	09-Jun-20	00:37:00
44	200608P1-44	2001150-04 GW-FPC-5A 0.10786	09-Jun-20	00:47:31
45	200608P1-45	IB	09-Jun-20	00:58:02
46	200608P1-46	ST200608P1-11 PFC CS3 20E2706	09-Jun-20	01:08:31
47	200608P1-47	IB	09-Jun-20	01:19:02
48	200608P1-48	2001150-05 GW-FPC-5B 0.11142	09-Jun-20	01:29:31
49	200608P1-49	2001150-06 DW-R-9SMW 0.11852	09-Jun-20	01:40:03
50	200608P1-50	B0F0009-BLK1 Method Blank 0.25	09-Jun-20	01:50:33
51	200608P1-51	B0F0009-BS1 OPR 0.25	09-Jun-20	02:01:02
52	200608P1-52	2001176-01 2 0.23906	09-Jun-20	02:11:33
53	200608P1-53	2001176-02 3 0.23977	09-Jun-20	02:22:02
54	200608P1-54	2001176-03 4 0.24299	09-Jun-20	02:32:34
55	200608P1-55	2001176-04 6 0.24407	09-Jun-20	02:43:03
56	200608P1-56	2001176-05 5 0.24399	09-Jun-20	02:53:33
57	200608P1-57	2001176-06 7 0.24832	09-Jun-20	03:04:05
58	200608P1-58	2001176-07 Ditch B 0.24353	09-Jun-20	03:14:34
59	200608P1-59	2001176-08 1N 0.24218	09-Jun-20	03:25:05
60	200608P1-60	IB	09-Jun-20	03:35:36
61	200608P1-61	ST200608P1-12 PFC CS3 20E2706	09-Jun-20	03:46:04
62	200608P1-62	IB	09-Jun-20	03:56:37
63	200608P1-63	2001176-09 1ES 0.24426	09-Jun-20	04:07:06
64	200608P1-64	2001176-10 8 0.24575	09-Jun-20	04:17:37
65	200608P1-65	2001176-11 8 DUP 0.24133	09-Jun-20	04:28:06
66	200608P1-66	2001176-12 9 0.24065	09-Jun-20	04:38:38
67	200608P1-67	2001176-13 SW-2 0.24325	09-Jun-20	04:49:07
68	200608P1-68	2001176-14 SW-3 0.24065	09-Jun-20	04:59:38

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:19:13 Pacific Daylight Time
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Compound name: PFBA

69	200608P1-69	2001176-15 Field Blank 0.24972	09-Jun-20	05:10:09
70	200608P1-70	2001176-16 Equip Blank 0.25389	09-Jun-20	05:20:39
71	200608P1-71	IB	09-Jun-20	05:31:08
72	200608P1-72	ST200608P1-13 PFC CS3 20E2706	09-Jun-20	05:41:38
73	200608P1-73	IB	09-Jun-20	05:52:09

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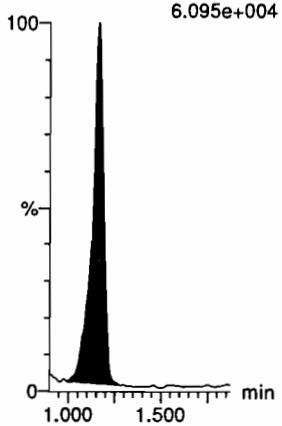
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-61.qld

Last Altered: Tuesday, June 09, 2020 14:08:39 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:09:37 Pacific Daylight Time

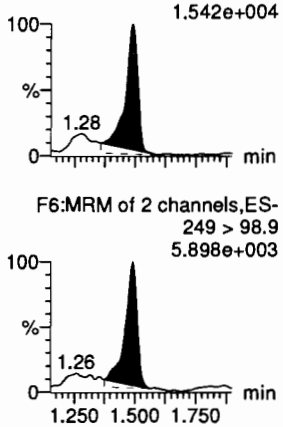
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

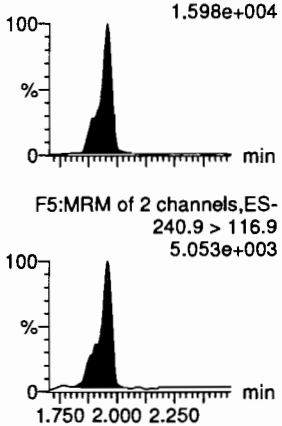
PFBA



PFPrS



3:3 FTCA



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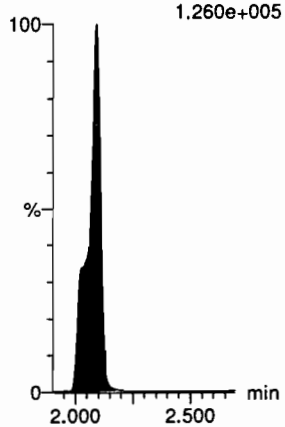

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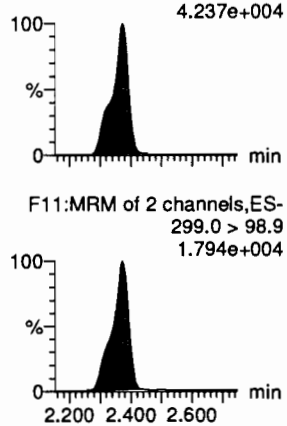
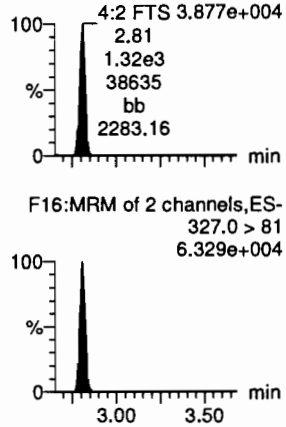


4:2 FTS



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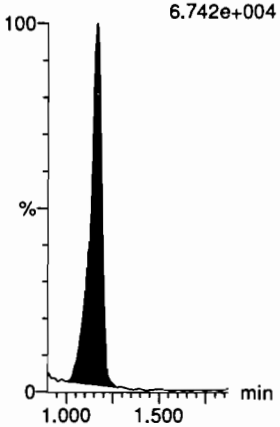

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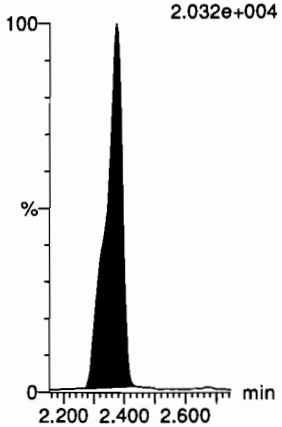

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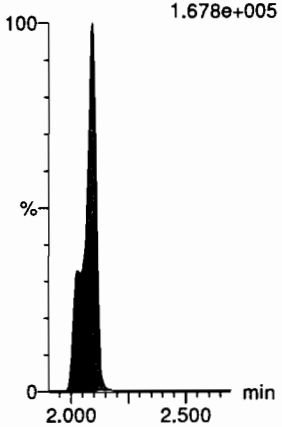

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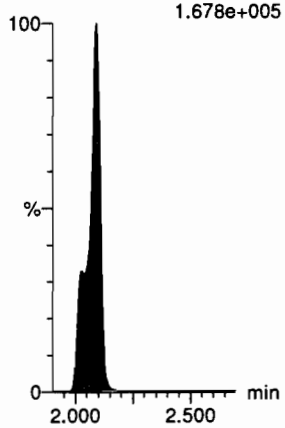

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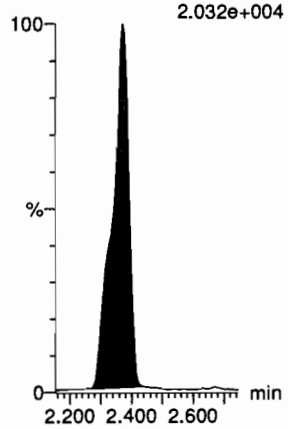

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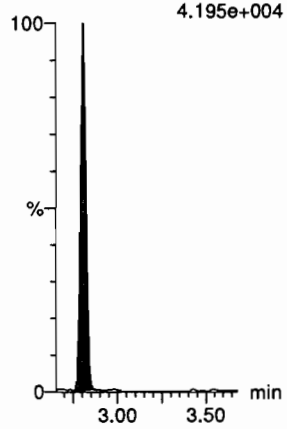

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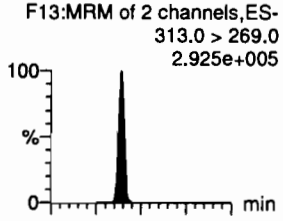
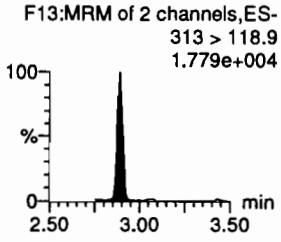
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-61.qld

Last Altered: Tuesday, June 09, 2020 14:08:39 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:09:37 Pacific Daylight Time

Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFHxA





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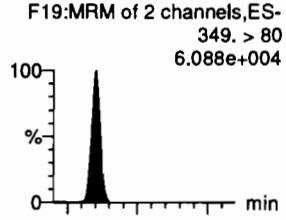

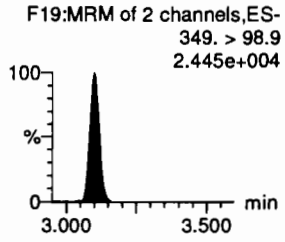

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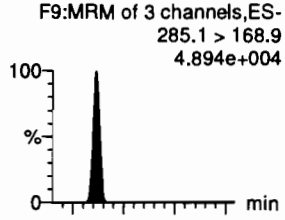

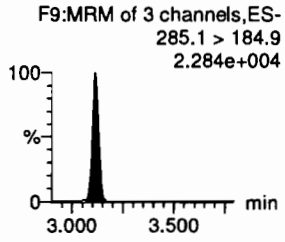

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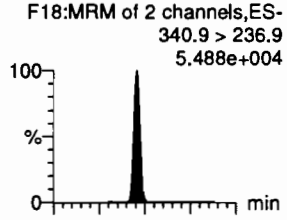

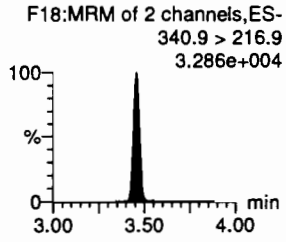

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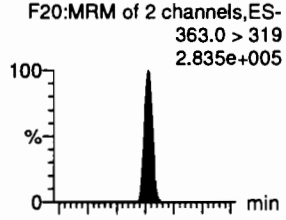
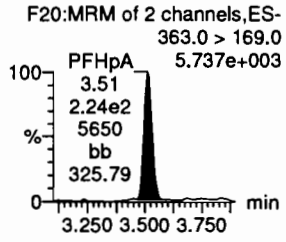
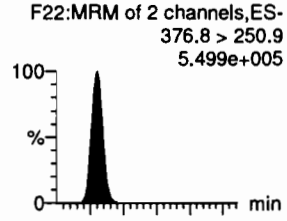
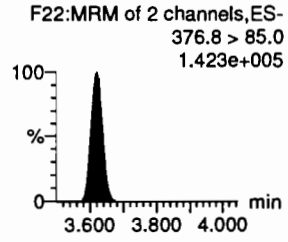


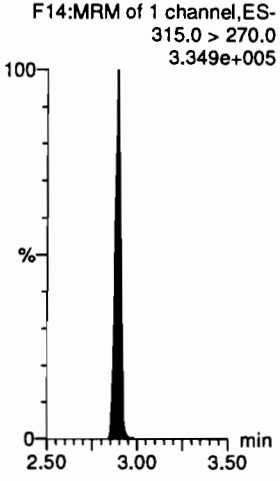


ADONA

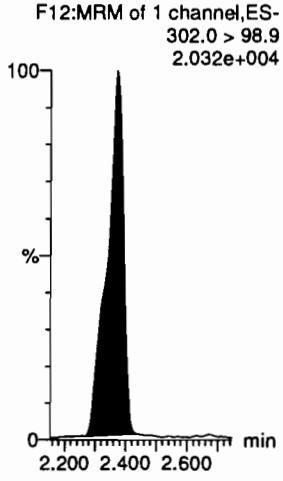




13C2-PFHxA-EIS



13C3-PFBS-EIS



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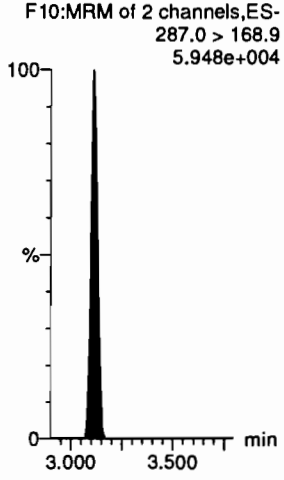

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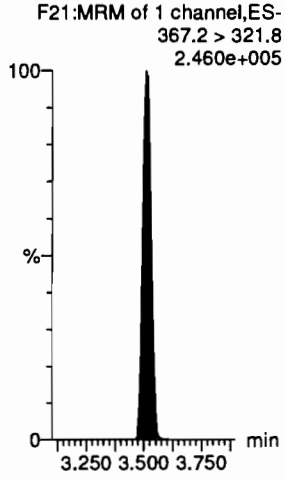

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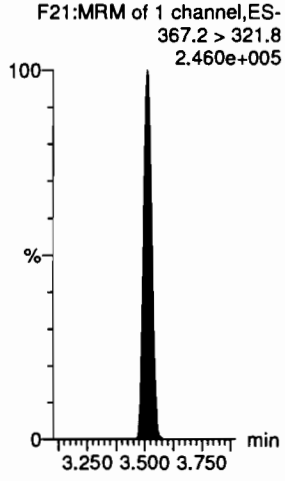

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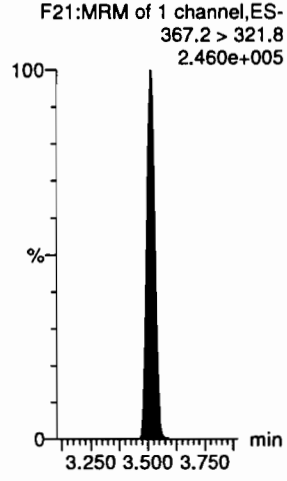

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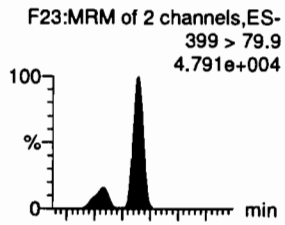
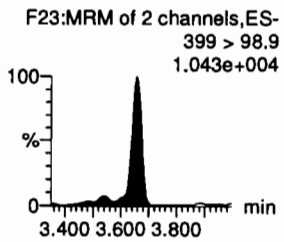
Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

L-PFHxS





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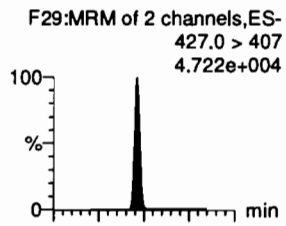

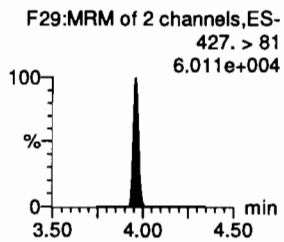

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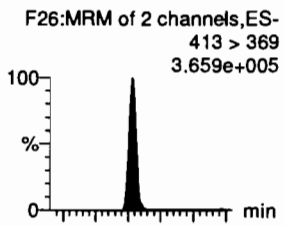

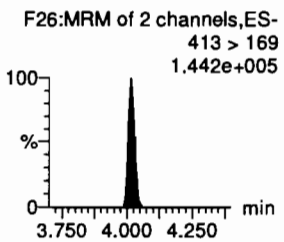

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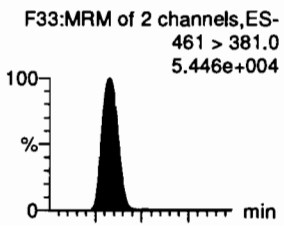

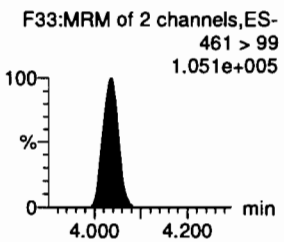

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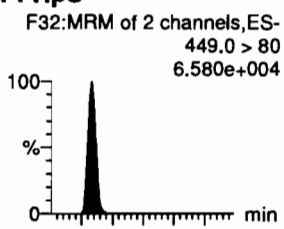
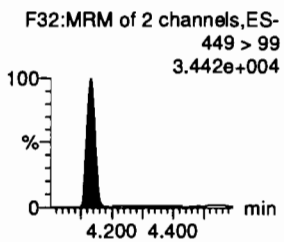
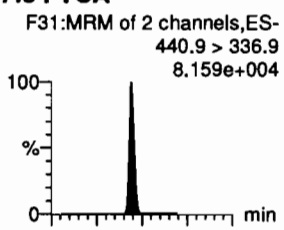
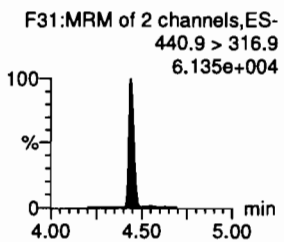




7:3 FTCA





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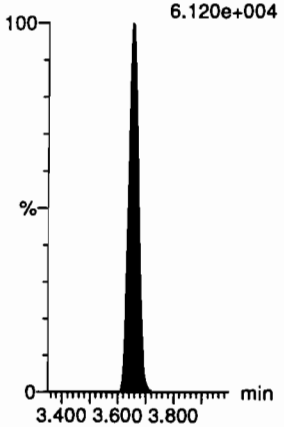

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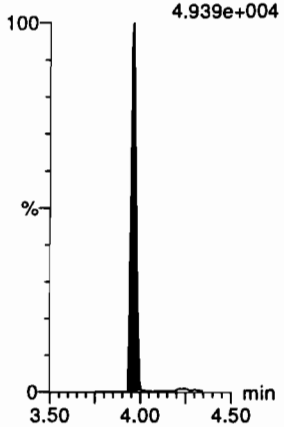

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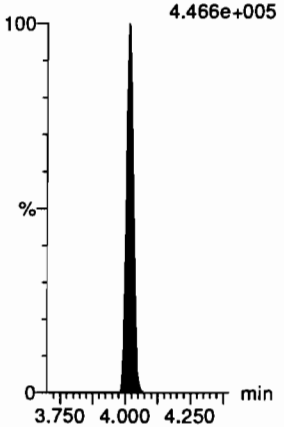

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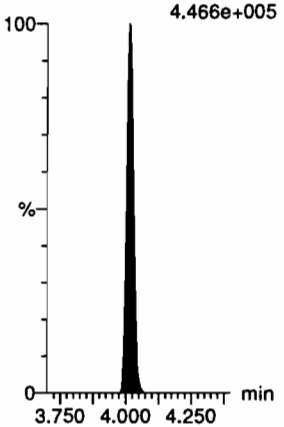

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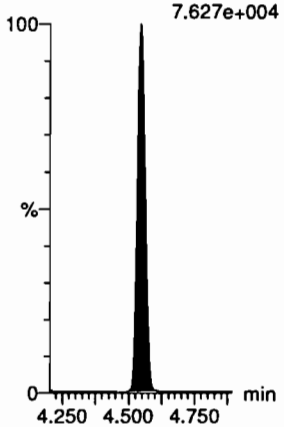
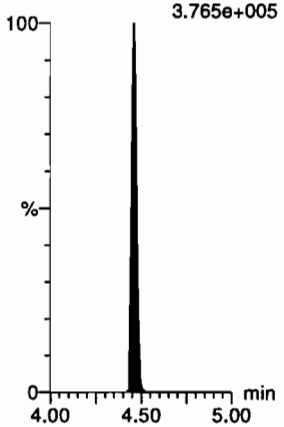


13C5-PFNA-EIS



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Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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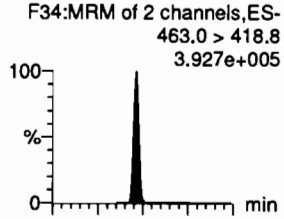

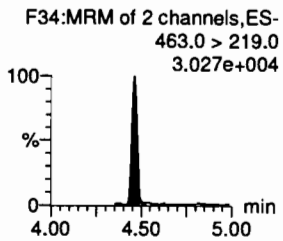

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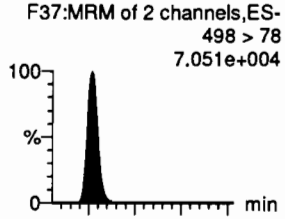
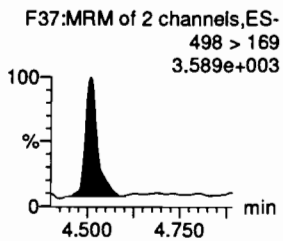
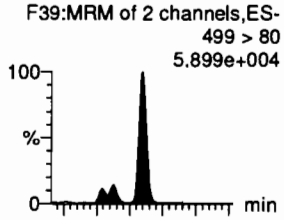
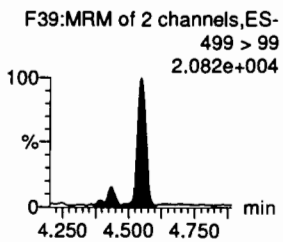




L-PFOS





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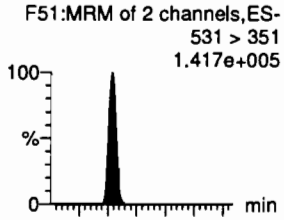

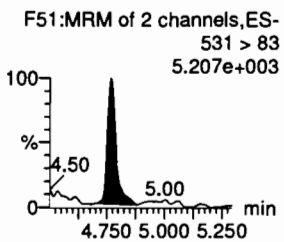

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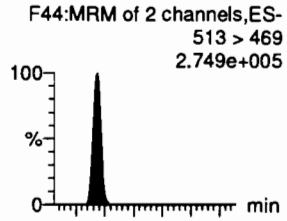
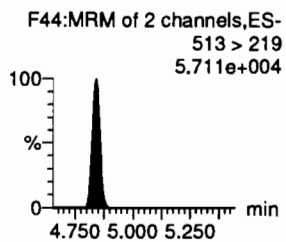
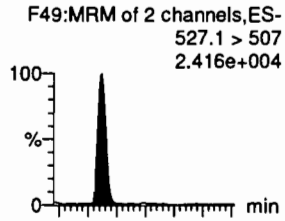
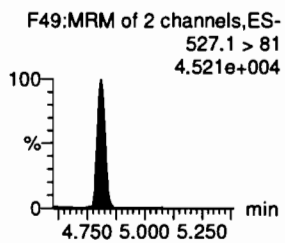




8:2 FTS





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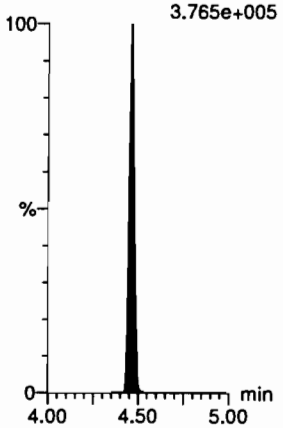

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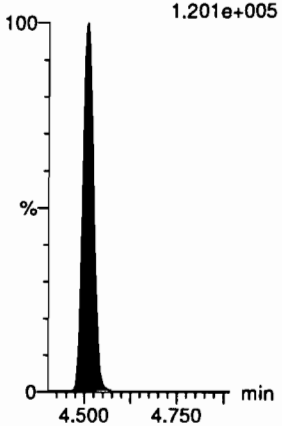

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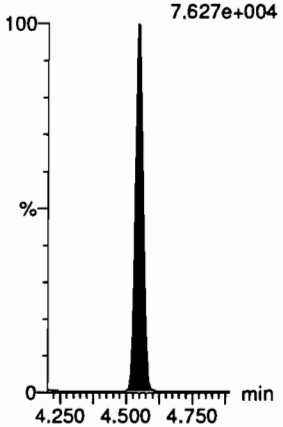

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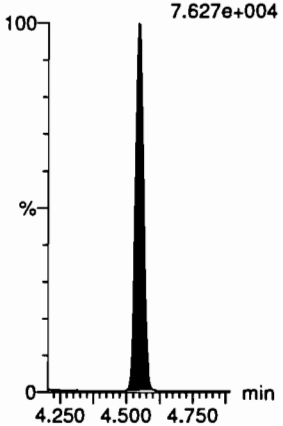

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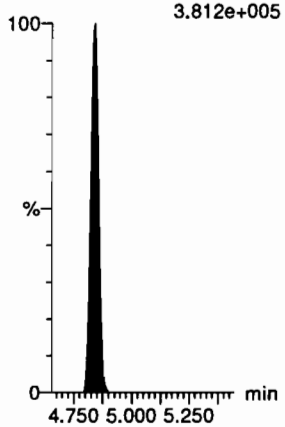

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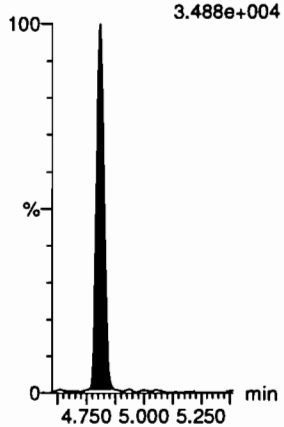

OPV 6/9/2020

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Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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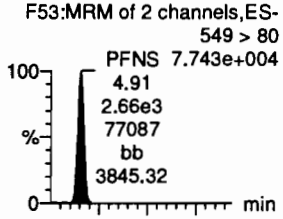

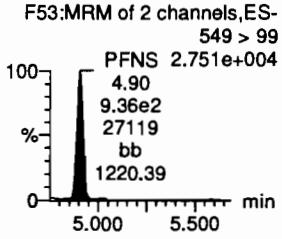

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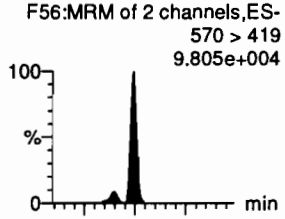

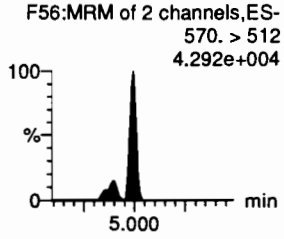

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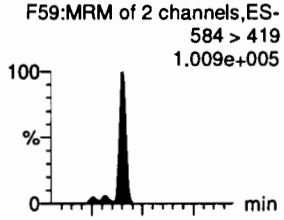
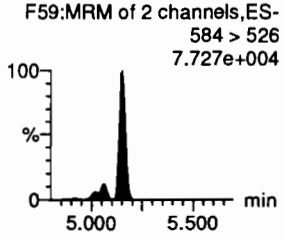
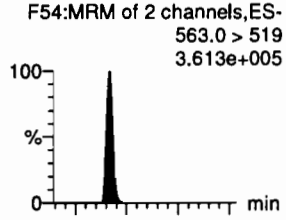
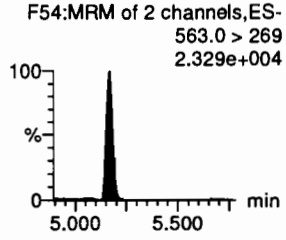




PFUdA





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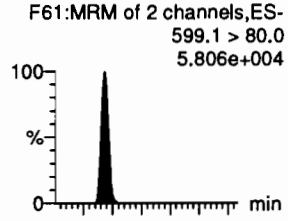

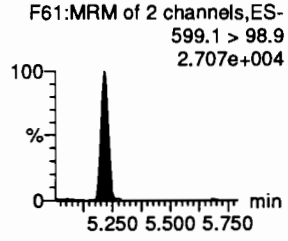

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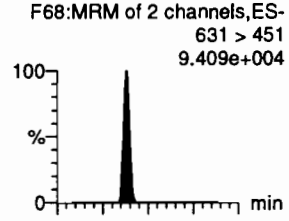
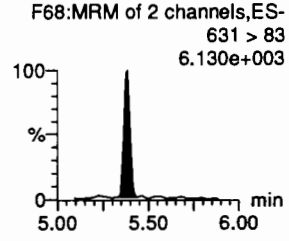
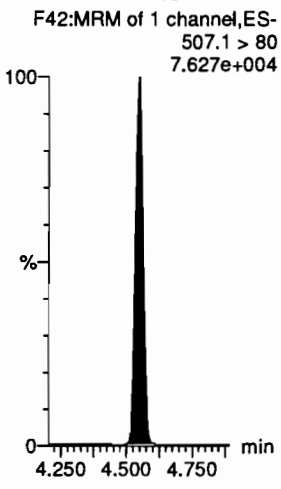
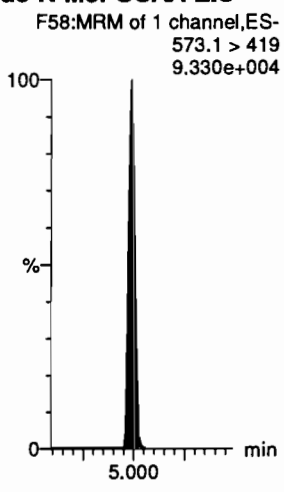




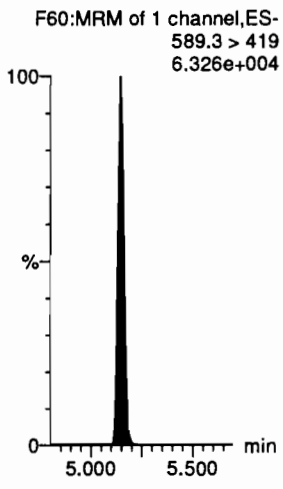
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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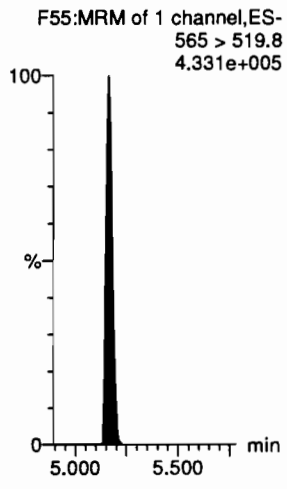
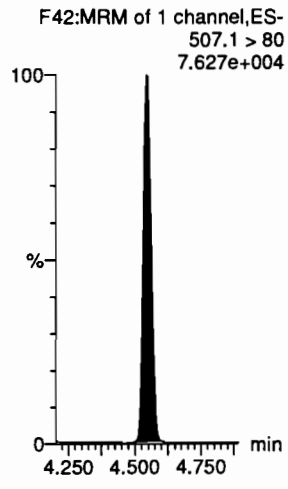


13C8-PFOS-EIS



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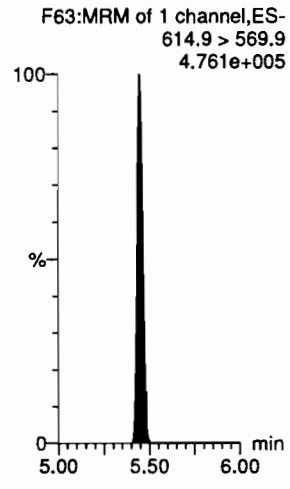

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Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-61.qld

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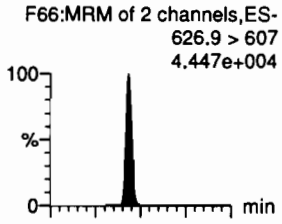
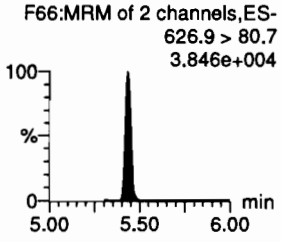
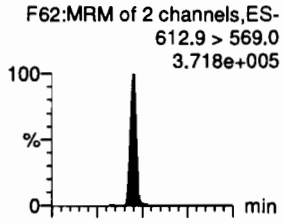
Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

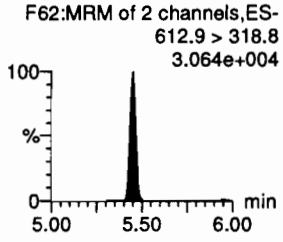
10:2 FTS



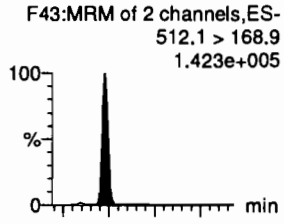


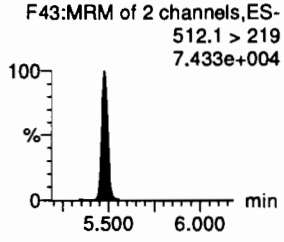
PFDoA





N-MeFOSA





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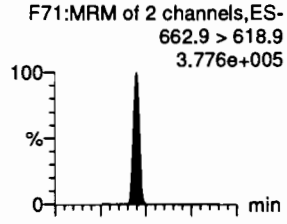
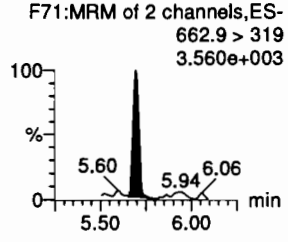
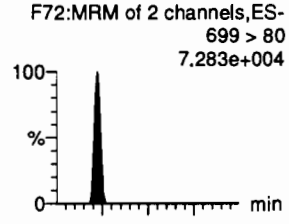
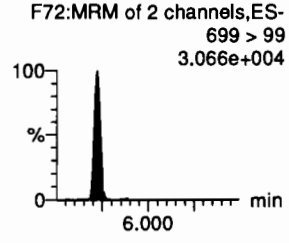




PFDoS





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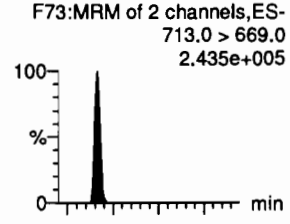
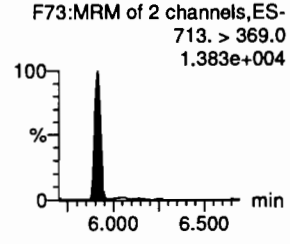
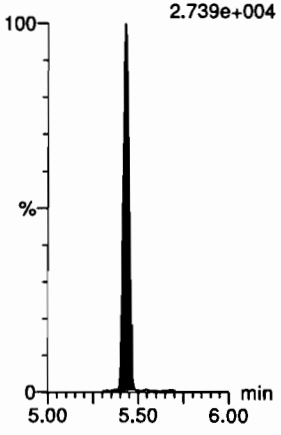
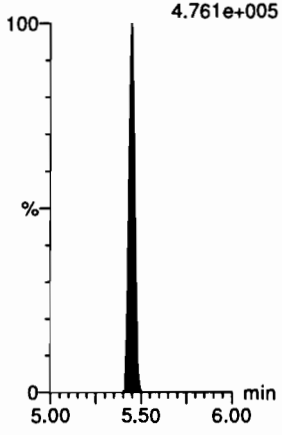




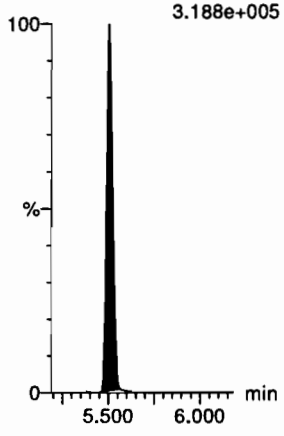
13C2-10:2 FTS-EIS



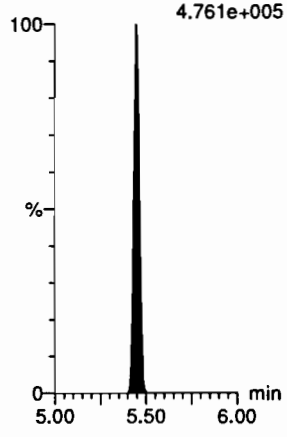
13C2-PFDoA-EIS



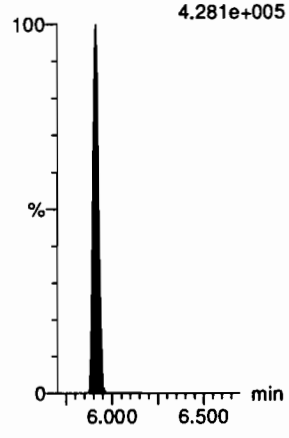
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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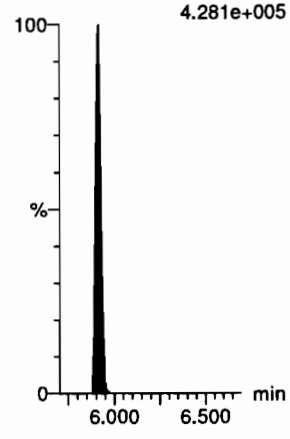

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Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-61.qld

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Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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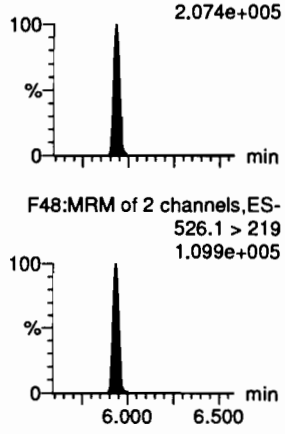

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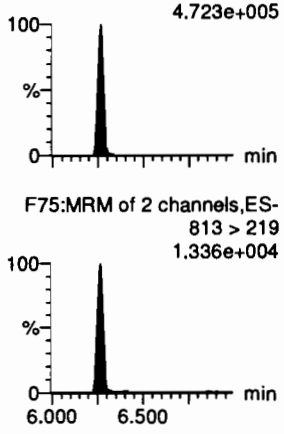
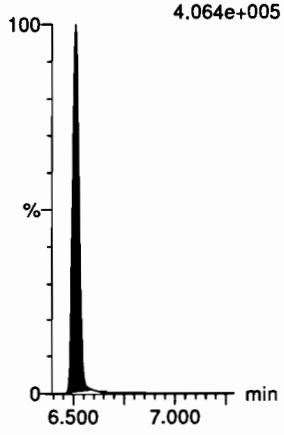
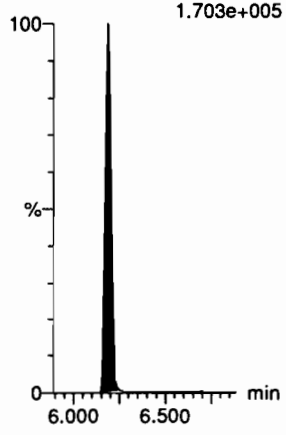


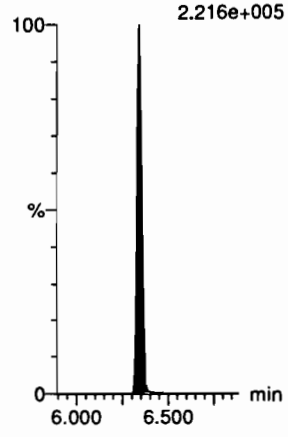
PFODA



N-MeFOSE



N-EtFOSE



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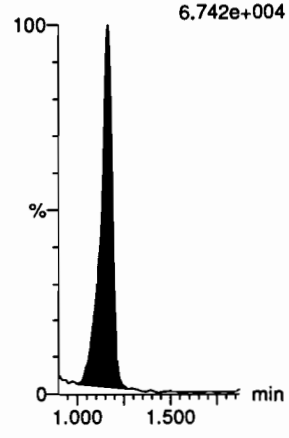
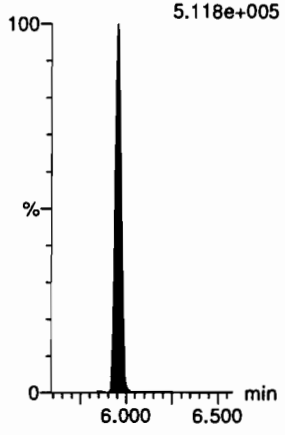
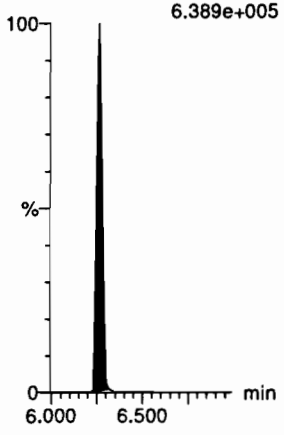


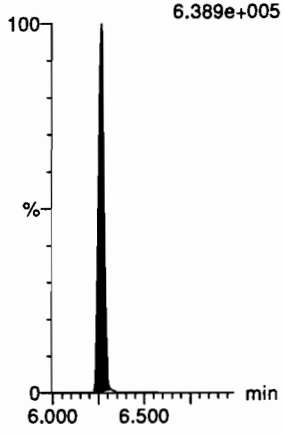
d5-N-ETFOSA-EIS



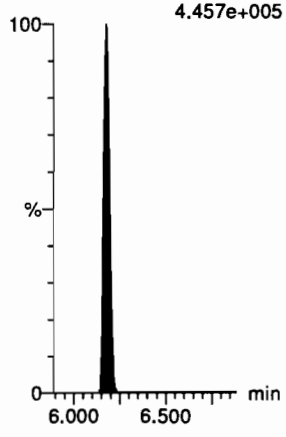
13C2-PFHxDA-EIS



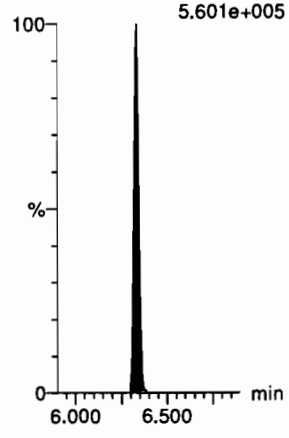
13C2-PFHxDA-EIS



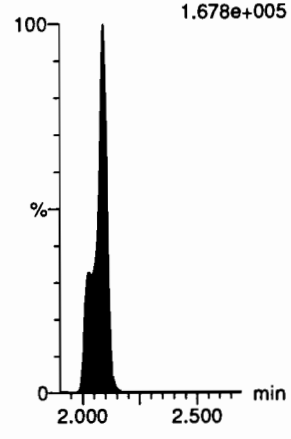
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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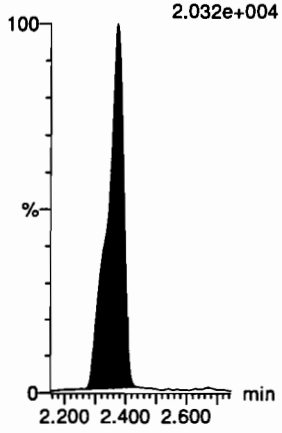
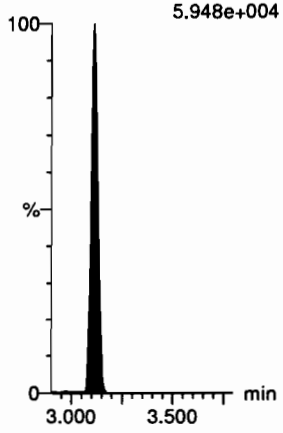
Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

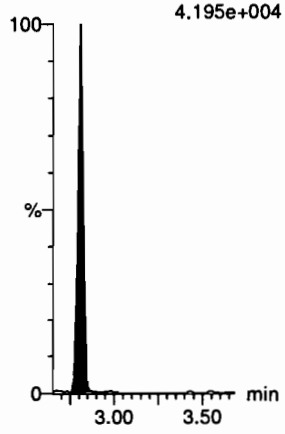
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.032e+004



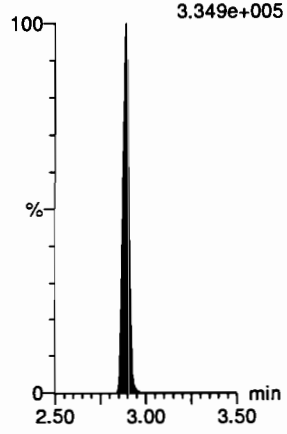
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.948e+004



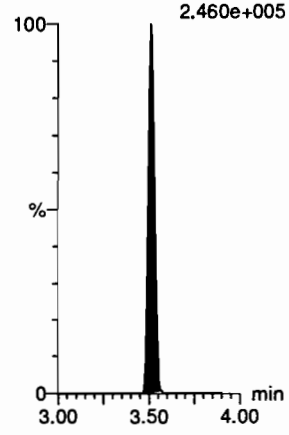
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
4.195e+004



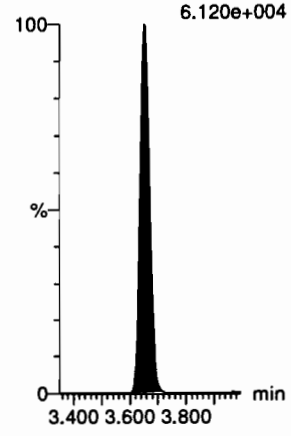
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.349e+005



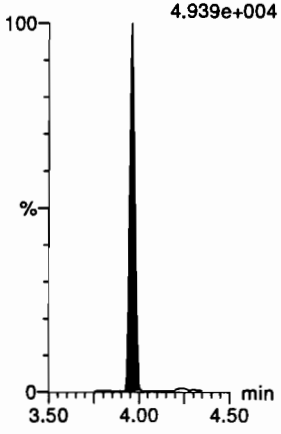
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.460e+005



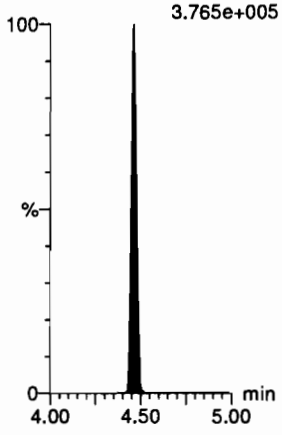
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.120e+004



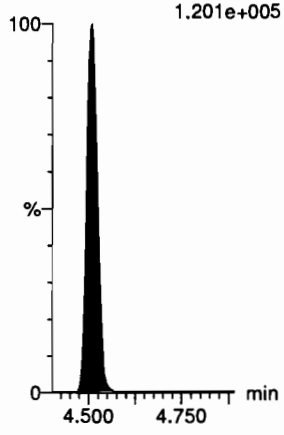
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.939e+004



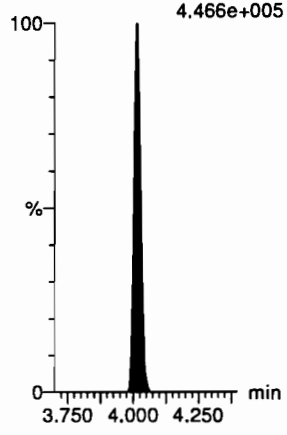
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.765e+005



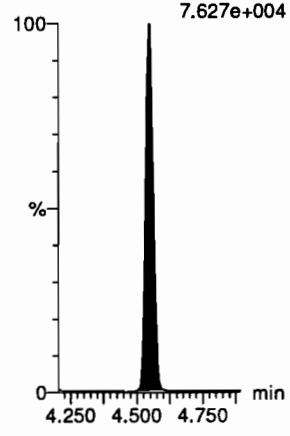
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.201e+005



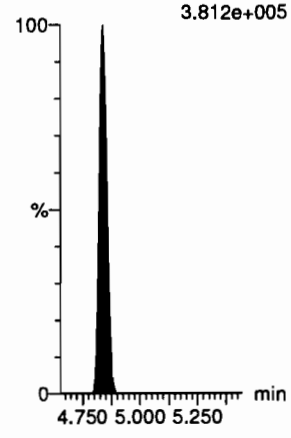
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.466e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.627e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.812e+005



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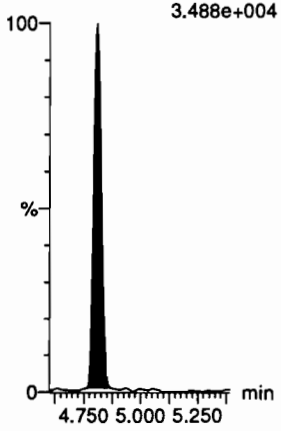
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-61.qld

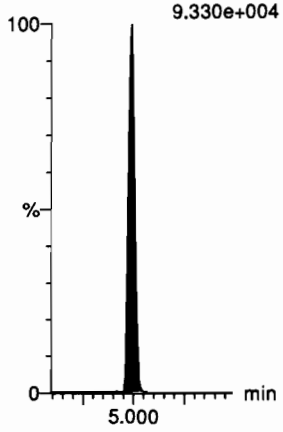
Last Altered: Tuesday, June 09, 2020 14:08:39 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:09:37 Pacific Daylight Time

Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

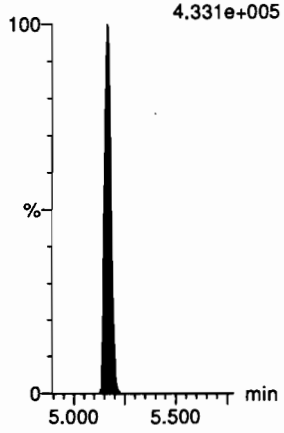
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.488e+004



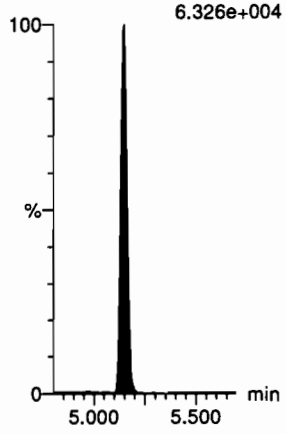
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.330e+004



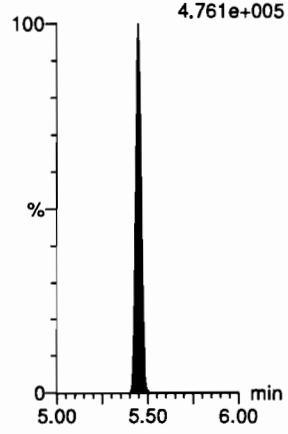
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.331e+005



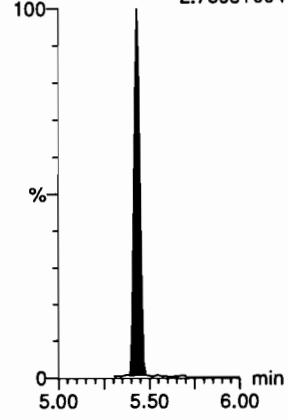
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.326e+004



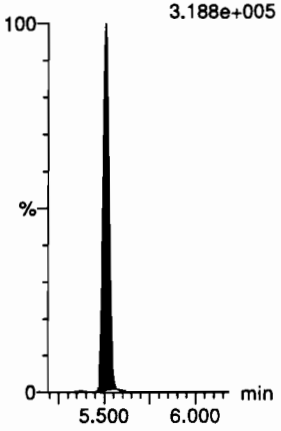
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.761e+005



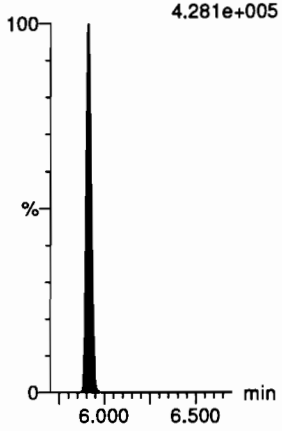
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.739e+004



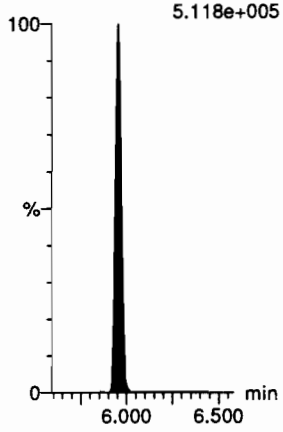
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.188e+005



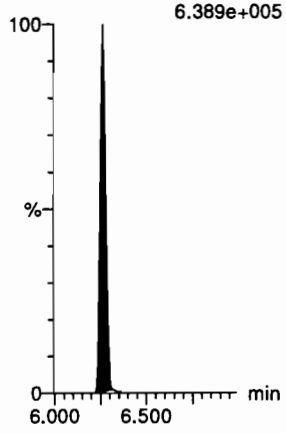
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.281e+005



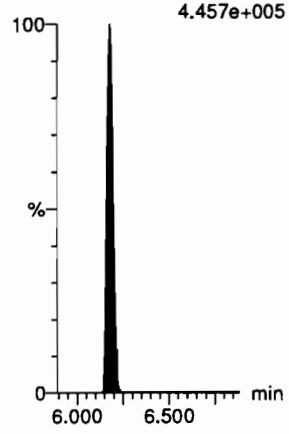
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.118e+005



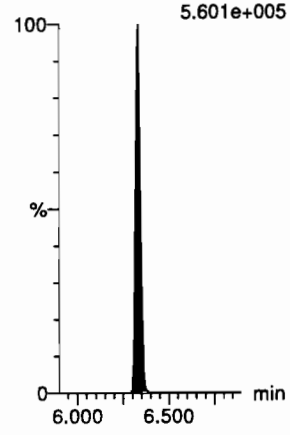
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.389e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.457e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.601e+005



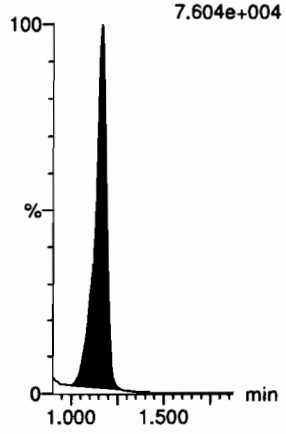
OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-61.qld

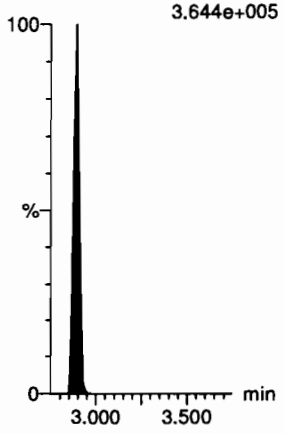
Last Altered: Tuesday, June 09, 2020 14:08:39 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:09:37 Pacific Daylight Time

Name: 200608P1-61, Date: 09-Jun-2020, Time: 03:46:04, ID: ST200608P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

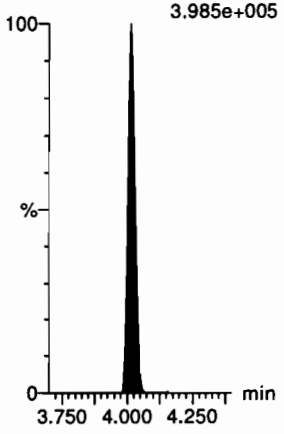
13C4-PFBA



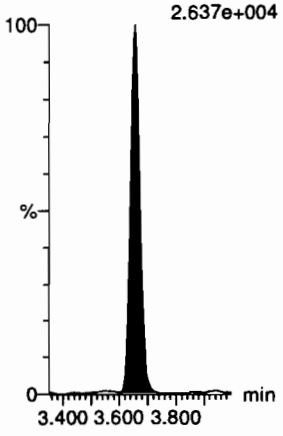
13C5-PFHxA



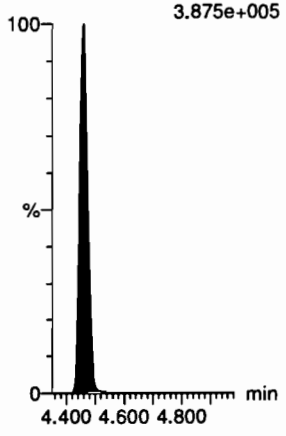
13C8-PFOA



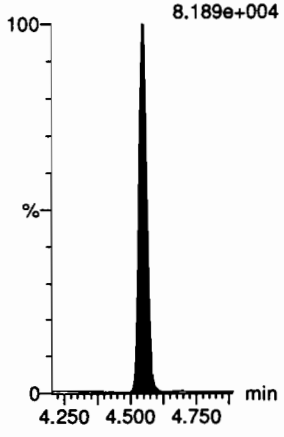
18O2-PFHxS



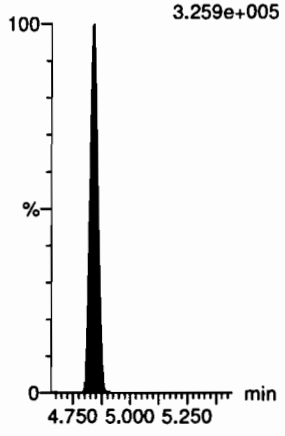
13C9-PFNA



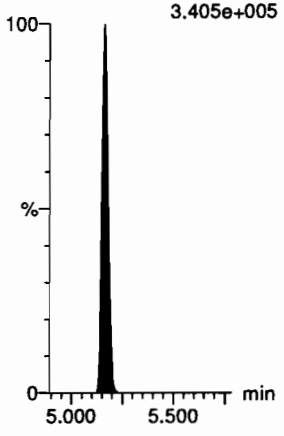
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/9/2020

LC Calibration Standards Review Checklist Q5

			ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	NA
Calibration ID:	ST200609P1-11	L M H	☑	☑	☑	☑	☑	☑	☐
Calibration ID:	-12	L M H	☑	☑	☑	☑	☑	☑	☐
Calibration ID:	-13	L M H	☑	☑	☑	☑	☑	☑	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐

N/A AR 06/11/20

Full Mass Cal. Date: 2020-06-05

Run Log Present: ☑

# of Samples per Sequence Checked: ☑

Instrument Blank Saved ☑

All Branches in Acquisition Window ☑

IIS Area Saved ☐ N/A

Reviewed By: JR 06/11/2020
Initials/Date

Comments:

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

✓ FR 06/11/2020

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3618.578	4126.664	1.00	1.18	10.961	10.000	10.7	107.2	NO		
2	2	PFPrS	249 > 80	732.146	1145.214	1.00	1.51	7.991	10.000	10.3	103.5	NO	3.024	NO
3	3	3:3 FTCA	240.9 > 176.9	896.283	9115.593	1.00	1.98	1.229	10.000	11.2	111.9	NO	3.788	NO
4	4	PFPeA	263.1 > 218.9	7302.289	9115.593	1.00	2.11	10.013	10.000	11.4	113.7	NO		
5	5	PFBS	299.0 > 80	2407.490	1145.214	1.00	2.39	26.278	10.000	10.4	104.1	NO	2.445	NO
6	6	4:2 FTS	326.9 > 306.9	2934.878	1206.858	1.00	2.82	30.398	10.000	11.3	112.8	NO	11.508	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4126.664		1.00	1.18	4126.664	12.500	13.2	105.4	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1145.214		1.00	2.39	1145.214	12.500	13.1	104.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	9115.593		1.00	2.11	9115.593	12.500	12.2	97.7	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	9115.593		1.00	2.11	9115.593	12.500	12.2	97.7	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1145.214		1.00	2.39	1145.214	12.500	13.1	104.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1206.858		1.00	2.82	1206.858	12.500	11.9	95.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9481.940	10555.884	1.00	2.90	11.228	10.000	11.1	111.4	NO	18.807	NO
15	8	PFPeS	349.>80	1896.270	1145.214	1.00	3.11	20.698	10.000	10.7	107.1	NO	2.191	YES
16	9	HFPO-DA	285.1 > 168.9	1841.265	2164.155	1.00	3.12	10.635	10.000	11.6	115.8	NO	2.548	NO
17	10	5:3 FTCA	340.9 > 236.9	1835.541	9883.285	1.00	3.46	2.322	10.000	10.4	103.7	NO	1.573	NO
18	11	PFHpA	363.0 > 319	10735.422	9883.285	1.00	3.52	13.578	10.000	10.8	108.1	NO	51.210	NO
19	12	ADONA	376.8 > 250.9	19710.828	9883.285	1.00	3.63	24.929	10.000	11.2	112.3	NO	4.003	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10555.884		1.00	2.90	10555.884	12.500	11.9	95.5	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1145.214		1.00	2.39	1145.214	12.500	13.1	104.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2164.155		1.00	3.12	2164.155	12.500	12.9	103.5	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	9883.285		1.00	3.52	9883.285	12.500	12.4	99.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9883.285		1.00	3.52	9883.285	12.500	12.4	99.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	9883.285		1.00	3.52	9883.285	12.500	12.4	99.2	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	1903.999	2244.280	1.00	3.66	10.605	10.000	10.1	100.8	NO	4.572	NO
28	15	6:2 FTS	427.0 > 407	1371.273	1307.870	1.00	3.96	13.106	10.000	12.0	119.6	NO	0.763	NO
29	16	L-PFOA	413 > 369	11178.075	12974.777	1.00	4.02	10.769	10.000	11.3	113.0	NO	3.366	NO
30	18	PFecHS	461 > 381.0	2200.844	12974.777	1.00	4.04	2.120	10.000	10.6	106.3	NO	0.561	NO
31	19	PFHpS	449.0 > 80	1807.317	2193.991	1.00	4.13	10.297	10.000	11.3	112.6	NO	1.742	YES
32	20	7:3 FTCA	440.9 > 336.9	2320.361	11146.455	1.00	4.44	2.602	10.000	10.2	102.5	NO	1.250	NO
33	61	13C3-PFHxS-EIS	402 > 80	2244.280		1.00	3.66	2244.280	12.500	13.5	108.1	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1307.870		1.00	3.96	1307.870	12.500	11.8	94.5	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12974.777		1.00	4.02	12974.777	12.500	12.9	103.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12974.777		1.00	4.02	12974.777	12.500	12.9	103.3	NO		

OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2193.991		1.00	4.55	2193.991	12.500	11.9	95.2	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	11146.455		1.00	4.46	11146.455	12.500	11.9	95.5	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	12052.007	11146.455	1.00	4.46	13.516	10.000	11.8	118.5	NO	15.377	NO
41	22	PFOSA	498 > 78	1811.354	3392.546	1.00	4.51	6.674	10.000	10.0	100.2	NO	18.705	NO
42	23	L-PFOS	499 > 80	2337.981	2193.991	1.00	4.55	13.320	10.000	11.6	116.4	NO	2.750	NO
43	25	9Cl-PF30NS	531 > 351	4961.349	2193.991	1.00	4.77	28.267	10.000	10.4	103.6	NO	38.657	NO
44	26	PFDA	513 > 469	11025.072	14230.031	1.00	4.84	9.685	10.000	10.7	107.0	NO	5.185	NO
45	27	8:2 FTS	527.1 > 507	930.226	1340.488	1.00	4.81	8.674	10.000	9.27	92.7	NO	0.557	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	11146.455		1.00	4.46	11146.455	12.500	11.9	95.5	NO		
47	67	13C8-PFOSA-EIS	506 > 78	3392.546		1.00	4.51	3392.546	12.500	12.7	102.0	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2193.991		1.00	4.55	2193.991	12.500	11.9	95.2	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2193.991		1.00	4.55	2193.991	12.500	11.9	95.2	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	14230.031		1.00	4.84	14230.031	12.500	12.7	101.6	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1340.488		1.00	4.81	1340.488	12.500	13.7	109.9	NO		
52	-1													
53	28	PFNS	549 > 80	2333.373	2193.991	1.00	4.90	13.294	10.000	11.4	114.5	NO	2.414	YES
54	29	L-MeFOSAA	570 > 419	3545.908	3376.323	1.00	4.99	13.128	10.000	11.4	114.4	NO	1.932	NO
55	31	L-EtFOSAA	584 > 419	3945.344	2288.980	1.00	5.15	21.545	10.000	10.2	102.3	NO	1.262	NO
56	33	PFUdA	563.0 > 519	13087.985	14558.499	1.00	5.16	11.237	10.000	12.0	120.5	NO	17.697	NO
57	34	PFDS	599.1 > 80.0	1835.608	2193.991	1.00	5.21	10.458	10.000	10.1	101.1	NO	2.145	YES
58	35	11Cl-PF30UdS	631 > 451	3705.531	16362.438	1.00	5.38	2.831	10.000	11.3	112.8	NO	18.060	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2193.991		1.00	4.55	2193.991	12.500	11.9	95.2	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3376.323		1.00	4.99	3376.323	12.500	13.0	104.1	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2288.980		1.00	5.14	2288.980	12.500	12.8	102.2	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	14558.499		1.00	5.16	14558.499	12.500	12.1	97.1	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2193.991		1.00	4.55	2193.991	12.500	11.9	95.2	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	16362.438		1.00	5.44	16362.438	12.500	12.5	100.1	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1581.962	935.132	1.00	5.43	21.146	10.000	9.76	97.6	NO	1.104	NO
67	37	PFDoA	612.9 > 569.0	12889.078	16362.438	1.00	5.45	9.847	10.000	11.7	117.1	NO	11.927	NO
68	38	N-MeFOSA	512.1 > 168.9	4955.437	11227.082	1.00	5.48	65.854	50.000	56.9	113.8	NO	1.893	NO
69	39	PFTrDA	662.9 > 618.9	13122.082	16362.438	1.00	5.69	10.025	10.000	11.1	111.3	NO	101.575	NO
70	40	PFDoS	699 > 80	2453.504	13951.680	1.00	5.72	2.198	10.000	11.9	118.7	NO	2.470	NO
71	41	PFTeDA	713.0 > 669.0	8485.870	13951.680	1.00	5.90	7.603	10.000	11.7	116.8	NO	15.846	YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	935.132		1.00	5.43	935.132	12.500	13.6	108.5	NO		

OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	16362.438		1.00	5.44	16362.438	12.500	12.5	100.1	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	11227.082		1.00	5.51	11227.082	149.200	145	97.4	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	16362.438		1.00	5.44	16362.438	12.500	12.5	100.1	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	13951.680		1.00	5.90	13951.680	12.500	12.0	96.2	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	13951.680		1.00	5.90	13951.680	12.500	12.0	96.2	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	7442.581	17231.520	1.00	5.94	64.442	50.000	56.5	112.9	NO	1.939	NO
80	43	PFHxDA	813 > 769	16253.848	20939.186	1.00	6.26	9.703	10.000	11.5	115.3	NO	33.042	NO
81	44	PFODA	913.1 > 868.8	13608.954	20939.186	1.00	6.51	8.124	10.000	11.6	116.1	NO		
82	45	N-MeFOSE	616.1 > 58.9	5875.053	14903.716	1.00	6.18	58.815	50.000	52.7	105.3	NO		
83	46	N-EtFOSE	630.1 > 58.9	6037.810	16945.830	1.00	6.34	53.160	50.000	48.6	97.1	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4126.664	4606.446	1.00	1.18	11.198	12.500	12.6	101.0	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	17231.520		1.00	5.95	17231.520	149.200	146	97.9	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	20939.186		1.00	6.26	20939.186	12.500	12.2	97.4	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	20939.186		1.00	6.26	20939.186	12.500	12.2	97.4	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	14903.716		1.00	6.17	14903.716	149.200	154	103.2	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	16945.830		1.00	6.33	16945.830	149.200	154	103.1	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	9244.626	12386.528	1.00	2.11	9.329	12.500	12.0	96.2	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1145.386	938.362	1.00	2.39	15.258	12.500	11.9	94.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2164.155	12386.528	1.00	3.12	2.184	12.500	12.5	100.0	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1206.858	938.362	1.00	2.82	16.077	12.500	11.4	90.9	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	10555.884	12386.528	1.00	2.90	10.653	12.500	11.4	91.2	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	9883.285	12386.528	1.00	3.52	9.974	12.500	11.9	95.3	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2244.280	938.362	1.00	3.66	29.896	12.500	11.6	93.1	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1307.870	2563.265	1.00	3.96	6.378	12.500	11.3	90.4	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	11146.455	12153.243	1.00	4.46	11.464	12.500	11.9	95.0	NO		
100	68	13C8-PFOSA-RSD	506 > 78	3392.546	11382.178	1.00	4.51	3.726	12.500	11.6	93.1	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	12974.777	11342.238	1.00	4.02	14.299	12.500	12.0	95.6	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2193.991	2563.265	1.00	4.55	10.699	12.500	11.8	94.6	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	14230.031	12622.036	1.00	4.84	14.092	12.500	12.1	96.6	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1340.488	2563.265	1.00	4.81	6.537	12.500	12.3	98.2	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	3376.323	11382.178	1.00	4.99	3.708	12.500	11.5	92.2	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	14558.499	11382.178	1.00	5.16	15.988	12.500	11.7	93.8	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	2288.980	11382.178	1.00	5.14	2.514	12.500	12.4	98.9	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
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Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	16362.438	12622.036	1.00	5.44	16.204	12.500	11.6	92.8	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	935.132	2563.265	1.00	5.43	4.560	12.500	12.9	102.9	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	11227.082	11382.178	1.00	5.51	12.330	149.200	133	89.1	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	13951.680	11382.178	1.00	5.90	15.322	12.500	11.4	91.1	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	17231.520	11382.178	1.00	5.95	18.924	149.200	141	94.6	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	20939.186	11382.178	1.00	6.26	22.996	12.500	11.4	91.1	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	14903.716	11382.178	1.00	6.17	16.367	149.200	142	95.4	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	16945.830	11382.178	1.00	6.33	18.610	149.200	148	99.4	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	4606.446	4606.446	1.00	1.19	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	12386.528	12386.528	1.00	2.90	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	11342.238	11342.238	1.00	4.02	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	938.362	938.362	1.00	3.66	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	12153.243	12153.243	1.00	4.46	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	2563.265	2563.265	1.00	4.55	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	12622.036	12622.036	1.00	4.84	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	11382.178	11382.178	1.00	5.16	12.500	12.500	12.5	100.0	NO		

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Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Thursday, June 11, 2020 08:23:02 Pacific Daylight Time
Printed: Thursday, June 11, 2020 08:23:11 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200609P1-1	IPA	09-Jun-20	13:12:39
2	2	200609P1-2	TEST	09-Jun-20	13:23:13
3	3	200609P1-3	IPA	09-Jun-20	13:33:42
4	4	200609P1-4	IPA	09-Jun-20	13:44:11
5	5	200609P1-5	ST200609P1-1 PFC CS-2 20E2701	09-Jun-20	13:55:31
6	6	200609P1-6	ST200609P1-2 PFC CS-1 20E2702	09-Jun-20	14:06:03
7	7	200609P1-7	ST200609P1-3 PFC CS0 20F0201	09-Jun-20	14:16:31
8	8	200609P1-8	ST200609P1-4 PFC CS1 20E2704	09-Jun-20	14:27:03
9	9	200609P1-9	ST200609P1-5 PFC CS2 20E2705	09-Jun-20	14:37:34
10	10	200609P1-10	ST200609P1-6 PFC CS3 20E2706	09-Jun-20	14:48:02
11	11	200609P1-11	ST200609P1-7 PFC CS4 20F0303	09-Jun-20	14:58:34
12	12	200609P1-12	ST200609P1-8 PFC CS5 20E2708	09-Jun-20	15:09:03
13	13	200609P1-13	ST200609P1-9 PFC CS6 20E2709	09-Jun-20	15:19:35
14	14	200609P1-14	ST200609P1-10 PFC CS7 20E2710	09-Jun-20	15:30:14
15	15	200609P1-15	IB	09-Jun-20	15:40:42
16	16	200609P1-16	ICV200609P1-1 PFC ICV 20E2711	09-Jun-20	15:51:14
17	17	200609P1-17	IB	09-Jun-20	16:01:42
18	18	200609P1-18	B0E0201-BS1@5X OPR 0.001	09-Jun-20	16:12:14
19	19	200609P1-19	B0E0201-BS1@20X OPR 0.001	09-Jun-20	16:22:43
20	20	200609P1-20	B0E0259-BS1 OPR 2	09-Jun-20	16:33:15
21	21	200609P1-21	2001121-17 Field Blank 0.24793	09-Jun-20	16:43:44
22	22	200609P1-22	B0E0190-BLK1 Method Blank 1	09-Jun-20	16:54:15
23	23	200609P1-23	B0E0190-BS1 OPR 1	09-Jun-20	17:04:44
24	24	200609P1-24	2001087-02 S-Sed-LR 2.36	09-Jun-20	17:15:15
25	25	200609P1-25	2001087-04 S-Sed-111 1.27	09-Jun-20	17:25:46
26	26	200609P1-26	B0E0266-BLK1 Method Blank 0.25	09-Jun-20	17:36:15
27	27	200609P1-27	B0E0266-BS1 OPR 0.25	09-Jun-20	17:46:47
28	28	200609P1-28	2001169-01 Well Water 0.2434	09-Jun-20	17:57:16
29	29	200609P1-29	B0E0249-BLK1 Method Blank 2	09-Jun-20	18:07:47
30	30	200609P1-30	B0E0249-BS1 OPR 2	09-Jun-20	18:18:17
31	31	200609P1-31	B0E0249-BS2 OPR 2	09-Jun-20	18:28:49
32	32	200609P1-32	B0E0249-BS3 OPR 2	09-Jun-20	18:39:18

Dataset: Untitled

Last Altered: Thursday, June 11, 2020 08:23:02 Pacific Daylight Time
Printed: Thursday, June 11, 2020 08:23:11 Pacific Daylight Time

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200609P1-33	B0E0249-BS4 OPR 2	09-Jun-20	18:49:47
34	34 200609P1-34	B0F0015-BLK1 Method Blank 0.25	09-Jun-20	19:00:19
35	35 200609P1-35	B0F0015-BS1 OPR 0.25	09-Jun-20	19:10:48
36	36 200609P1-36	2001172-01 PPP3C2005271305JSJ 0.25037	09-Jun-20	19:21:20
37	37 200609P1-37	B0E0245-BLK1 Method Blank 0.125	09-Jun-20	19:31:48
38	38 200609P1-38	B0E0245-BS1 OPR 0.125	09-Jun-20	19:42:20
39	39 200609P1-39	2001150-01 GW-MW-6 0.11362	09-Jun-20	19:52:49
40	40 200609P1-40	2001150-02 GW-MW-9 0.1113	09-Jun-20	20:03:21
41	41 200609P1-41	2001150-03 GW-MW-10 0.10736	09-Jun-20	20:13:49
42	42 200609P1-42	2001150-04 GW-FPC-5A 0.10786	09-Jun-20	20:24:21
43	43 200609P1-43	IB	09-Jun-20	20:34:52
44	44 200609P1-44	ST200609P1-11 PFC CS3 20E2706	09-Jun-20	20:45:21
45	45 200609P1-45	IB	09-Jun-20	20:55:53
46	46 200609P1-46	2001150-05 GW-FPC-5B 0.11142	09-Jun-20	21:06:22
47	47 200609P1-47	2001150-06 DW-R-9SMW 0.11852	09-Jun-20	21:16:53
48	48 200609P1-48	B0F0009-BLK1 Method Blank 0.25	09-Jun-20	21:27:24
49	49 200609P1-49	B0F0009-BS1 OPR 0.25	09-Jun-20	21:37:54
50	50 200609P1-50	2001176-01 2 0.23906	09-Jun-20	21:48:23
51	51 200609P1-51	2001176-02 3 0.23977	09-Jun-20	21:58:53
52	52 200609P1-52	2001176-03 4 0.24299	09-Jun-20	22:09:25
53	53 200609P1-53	2001176-04 6 0.24407	09-Jun-20	22:19:54
54	54 200609P1-54	2001176-05 5 0.24399	09-Jun-20	22:30:26
55	55 200609P1-55	2001176-06 7 0.24832	09-Jun-20	22:40:54
56	56 200609P1-56	2001176-07 Ditch B 0.24353	09-Jun-20	22:51:26
57	57 200609P1-57	2001176-08 1N 0.24218	09-Jun-20	23:01:54
58	58 200609P1-58	IB	09-Jun-20	23:12:27
59	59 200609P1-59	ST200609P1-12 PFC CS3 20E2706	09-Jun-20	23:22:56
60	60 200609P1-60	IB	09-Jun-20	23:33:27
61	61 200609P1-61	2001176-09 1ES 0.24426	09-Jun-20	23:43:56
62	62 200609P1-62	2001176-10 8 0.24575	09-Jun-20	23:54:28
63	63 200609P1-63	2001176-11 8 DUP 0.24133	10-Jun-20	00:04:57
64	64 200609P1-64	2001176-12 9 0.24065	10-Jun-20	00:15:28
65	65 200609P1-65	2001176-13 SW-2 0.24325	10-Jun-20	00:25:59
66	66 200609P1-66	2001176-14 SW-3 0.24065	10-Jun-20	00:36:28
67	67 200609P1-67	2001176-15 Field Blank 0.24972	10-Jun-20	00:46:59
68	68 200609P1-68	2001176-16 Equip Blank 0.25389	10-Jun-20	00:57:28

Dataset: Untitled

Last Altered: Thursday, June 11, 2020 08:23:02 Pacific Daylight Time
Printed: Thursday, June 11, 2020 08:23:11 Pacific Daylight Time

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200609P1-69	IB	10-Jun-20	01:08:00
70	70 200609P1-70	ST200609P1-13 PFC CS3 20E2706	10-Jun-20	01:18:29
71	71 200609P1-71	IB	10-Jun-20	01:29:01

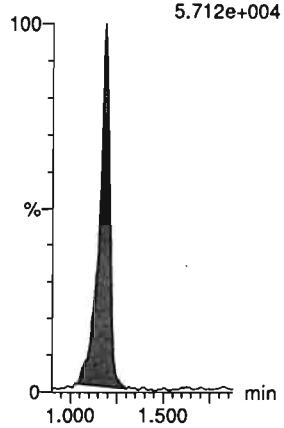
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

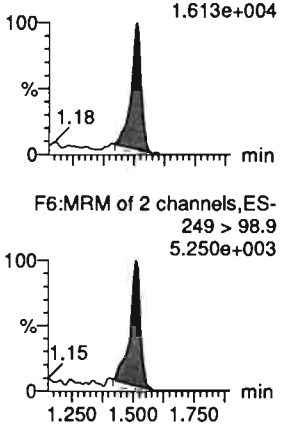
Method: Z:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: Z:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFBA



PFPrS



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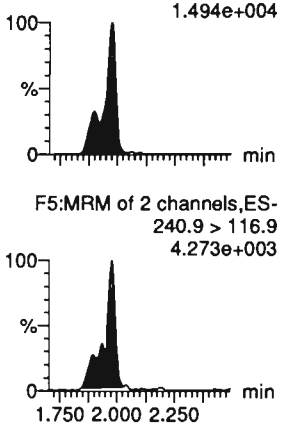

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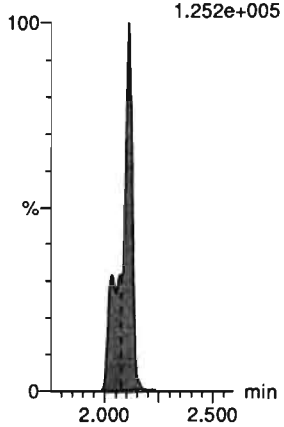

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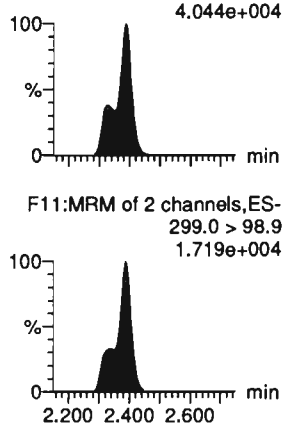
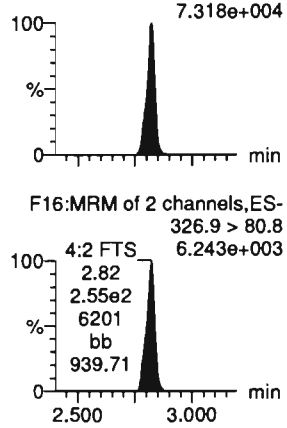


4:2 FTS



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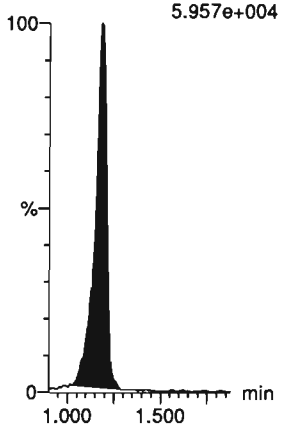

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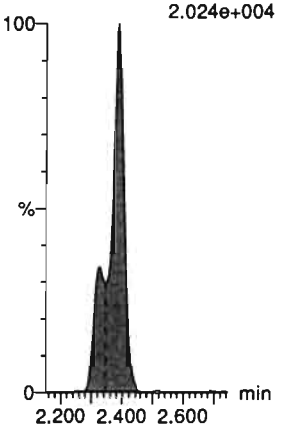

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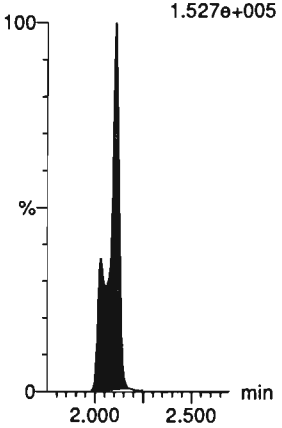
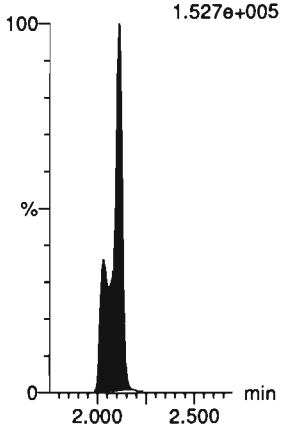
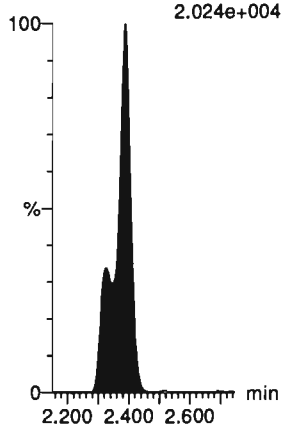


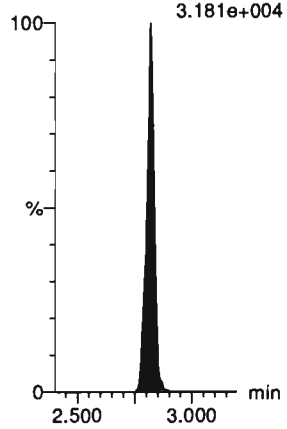
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
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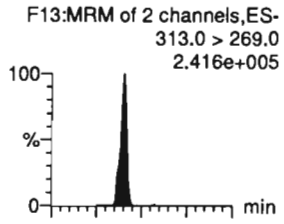
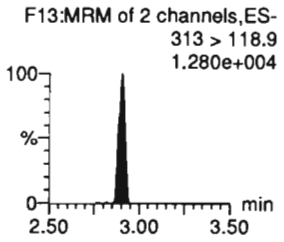
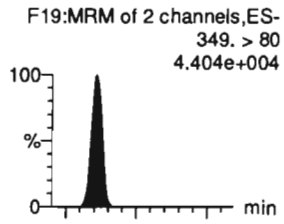
Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

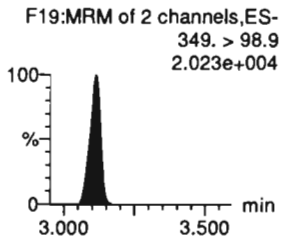
PFHxA



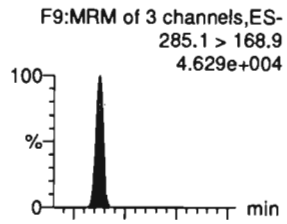


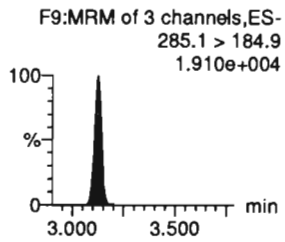
PFPeS



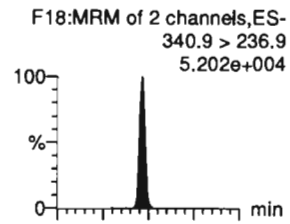


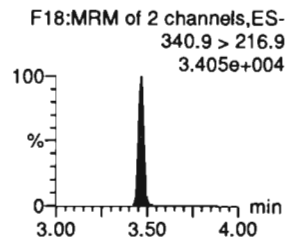
HFPO-DA



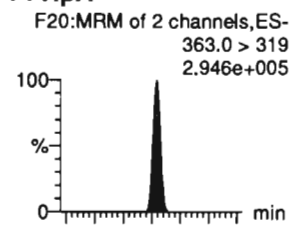


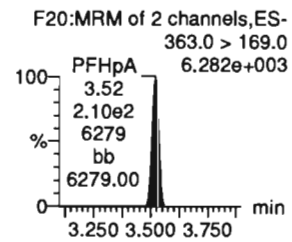
5:3 FTCA





PFHpA





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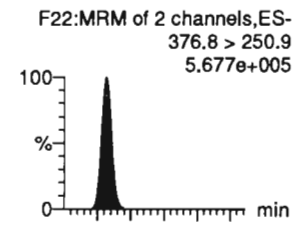
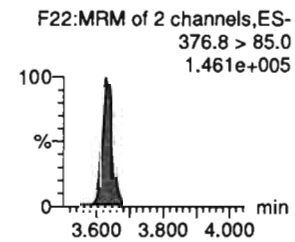
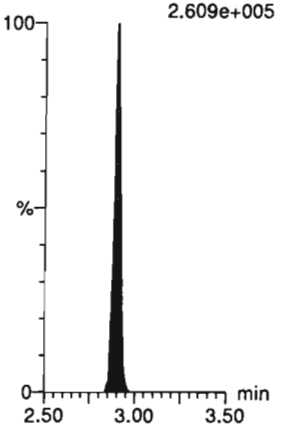
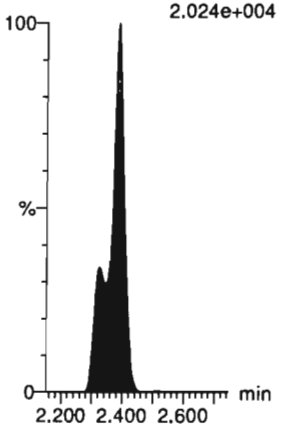




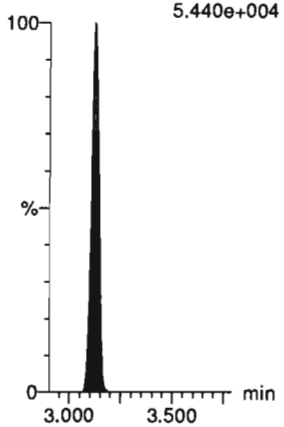
13C2-PFHxA-EIS



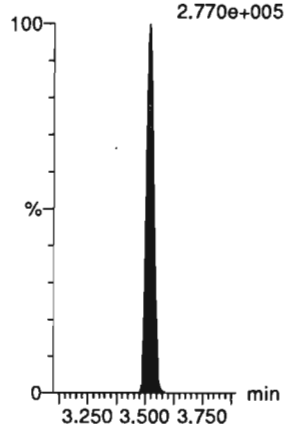
13C3-PFBS-EIS



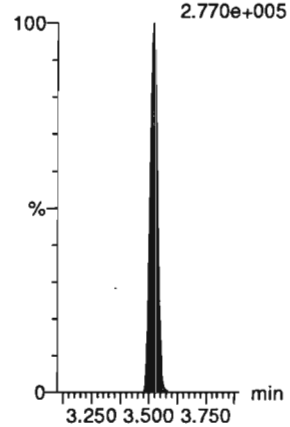
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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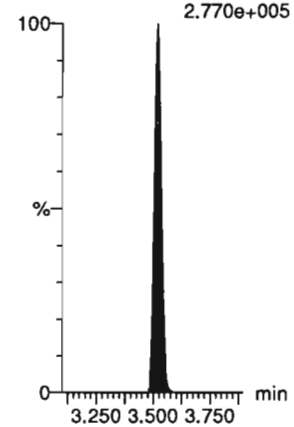

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Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
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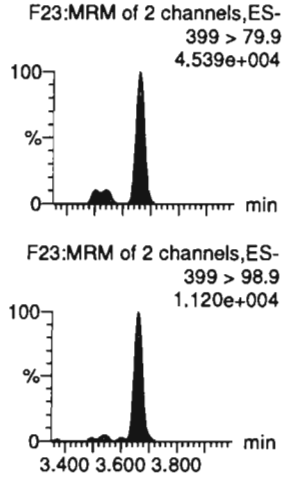
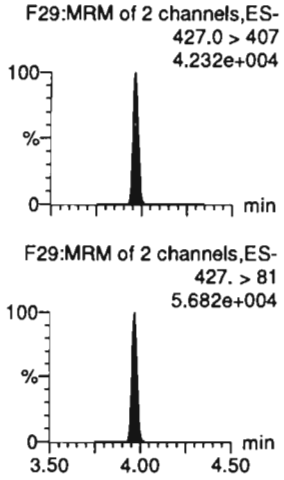
Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

L-PFHxS



6:2 FTS



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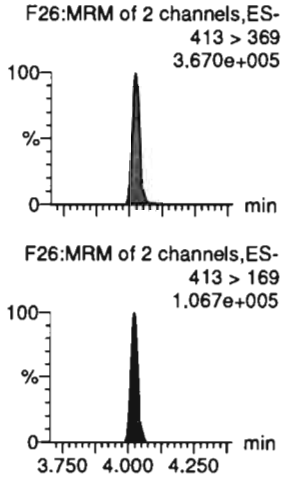

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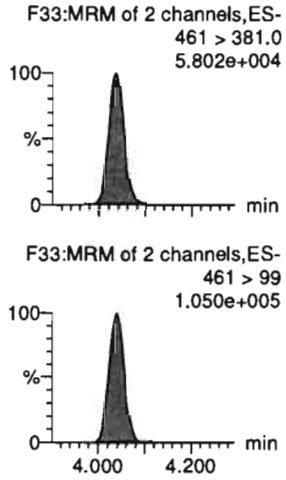

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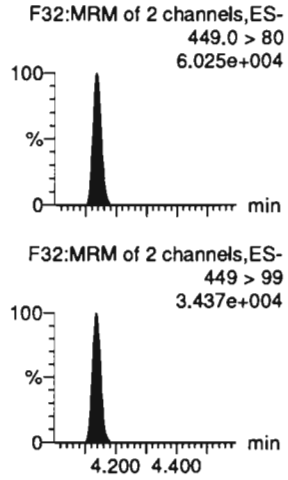
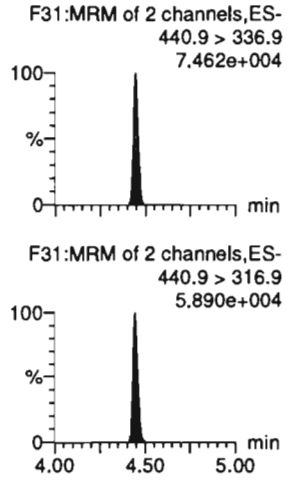


7:3 FTCA



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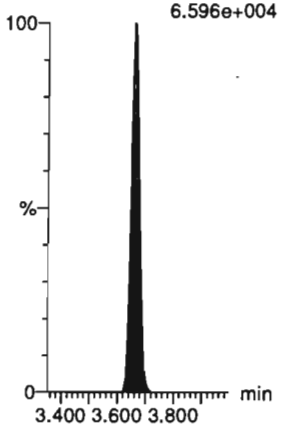
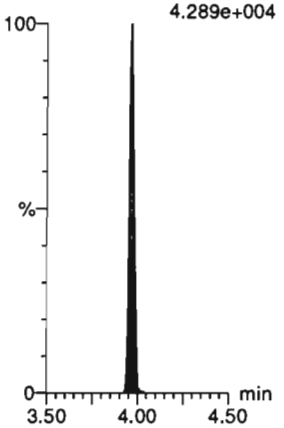
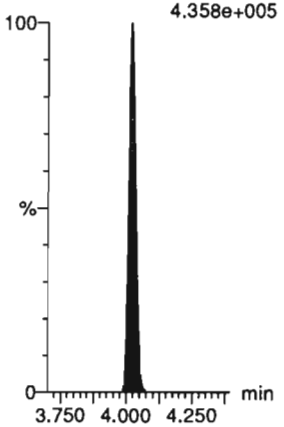


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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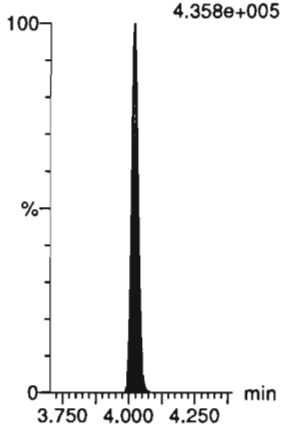
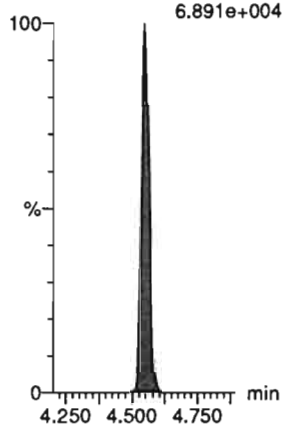
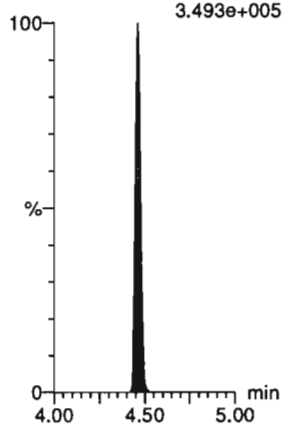


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

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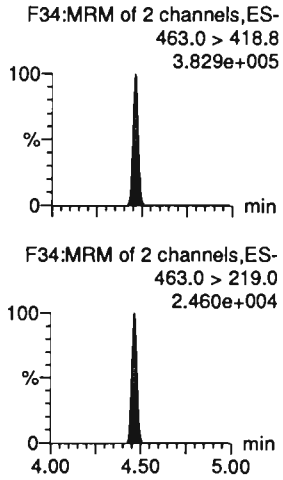
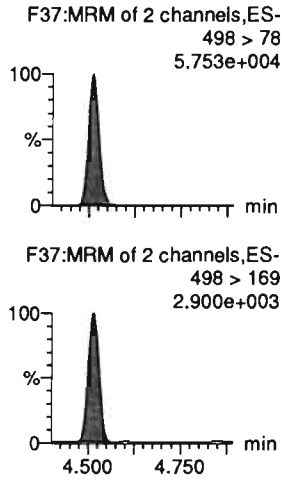
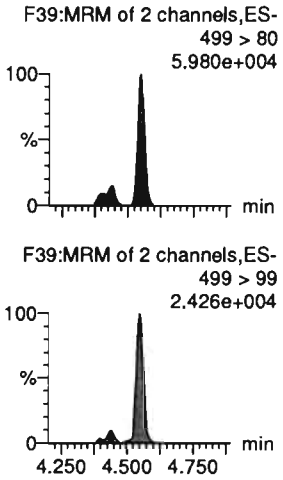


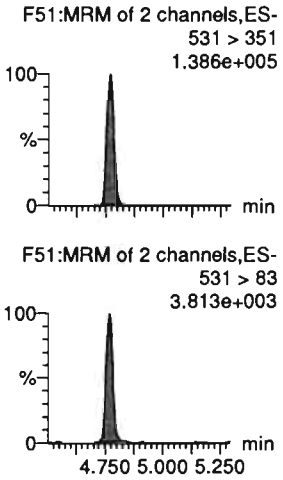
PFOSA



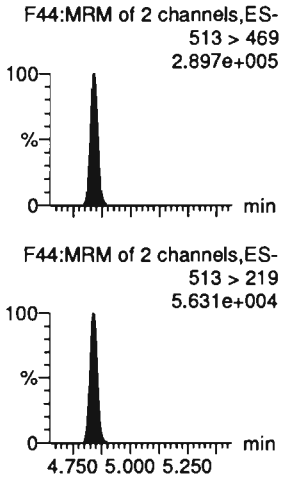
L-PFOS



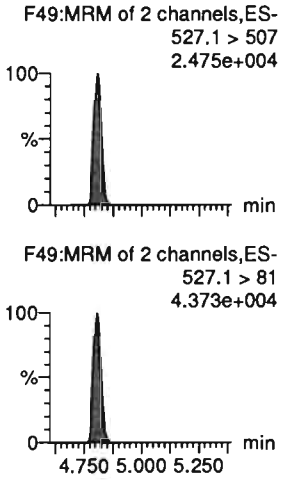
9Cl-PF30NS



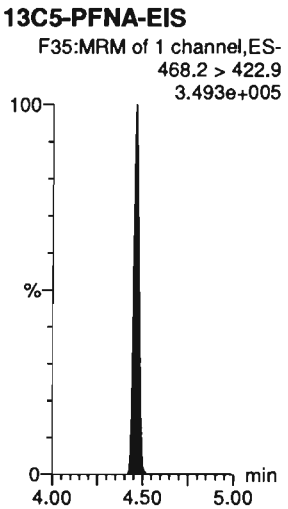
PFDA



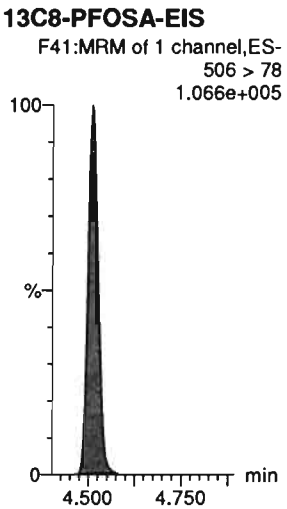
8:2 FTS



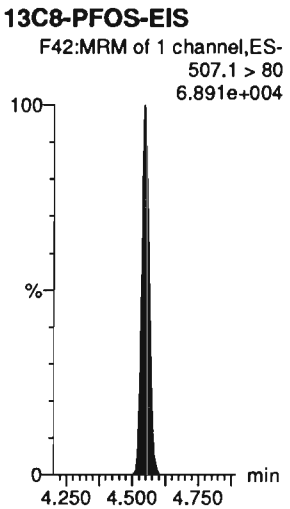
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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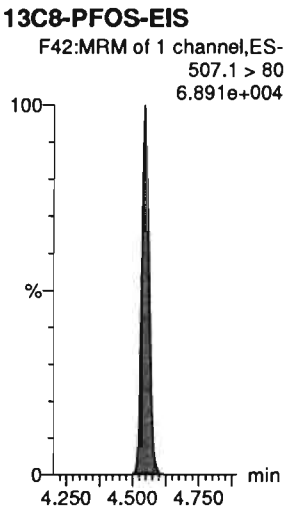
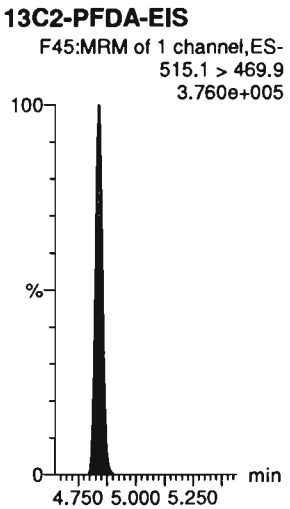
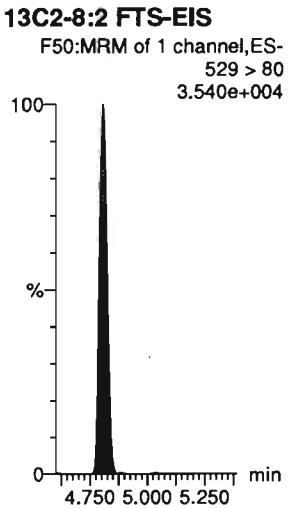


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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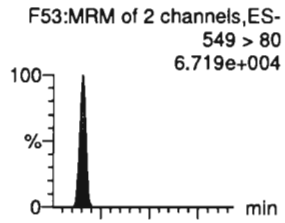
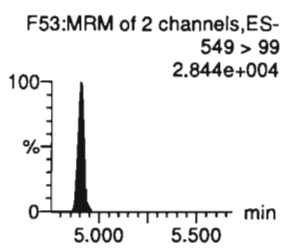
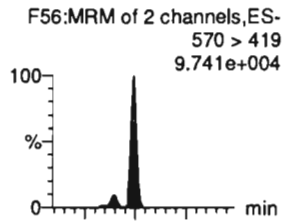
Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

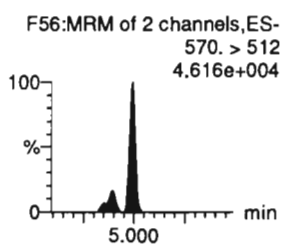
PFNS



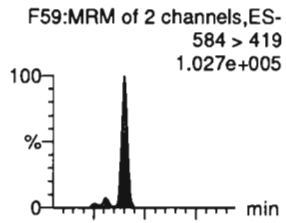


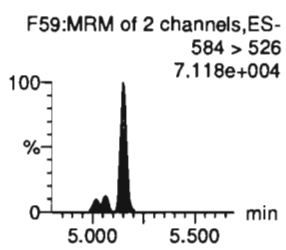
L-MeFOSAA



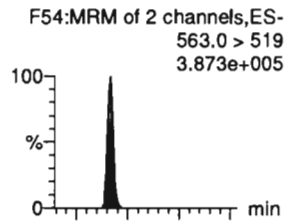


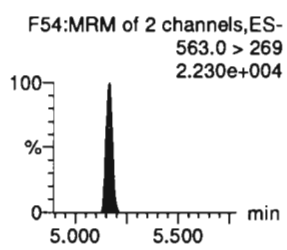
L-EtFOSAA



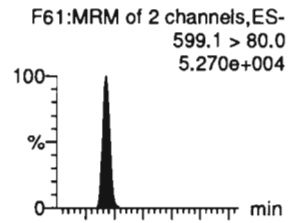


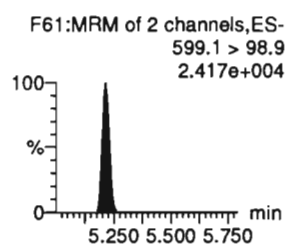
PFUdA



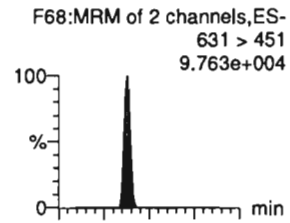


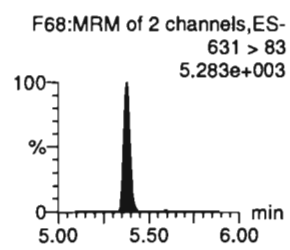
PFDS



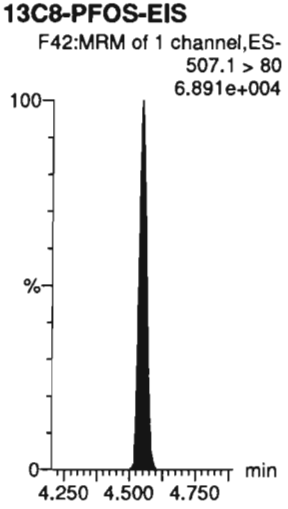


11Cl-PF30UdS

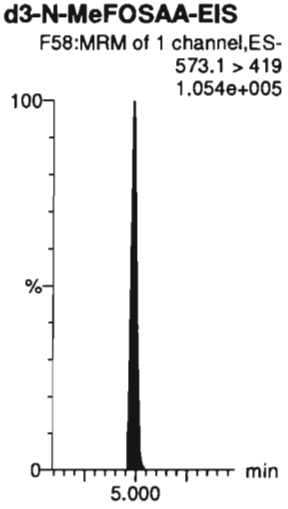




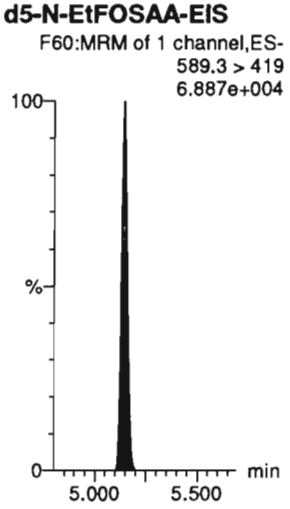
13C8-PFOS-EIS



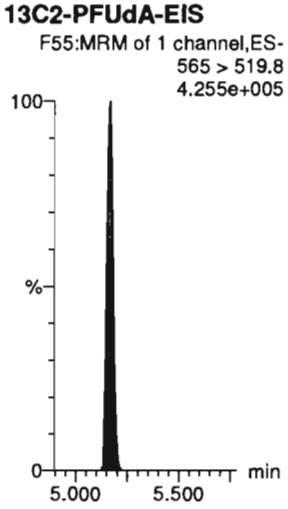
d3-N-MeFOSAA-EIS



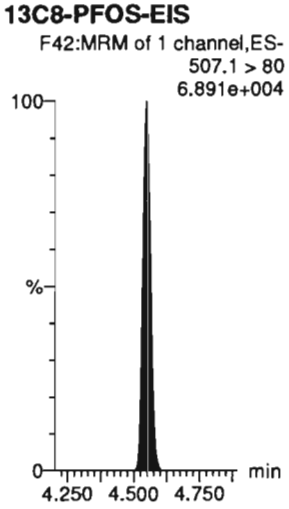
d5-N-EtFOSAA-EIS



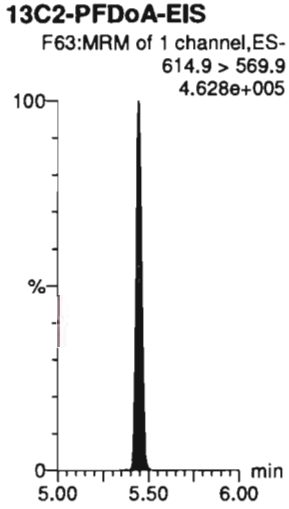
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



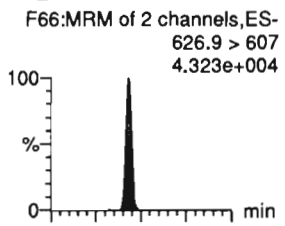
OPV 6/10/2020

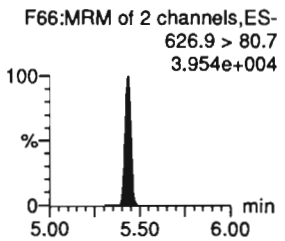
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

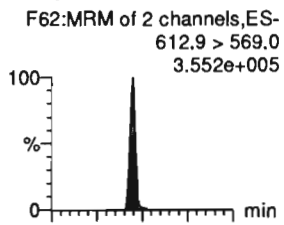
Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

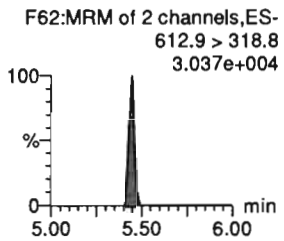
10:2 FTS



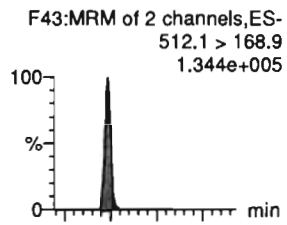


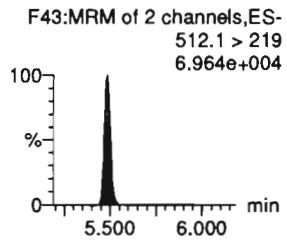
PFDoA



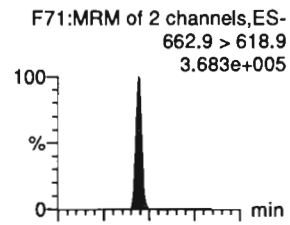


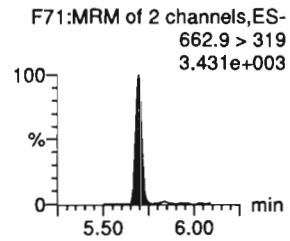
N-MeFOSA



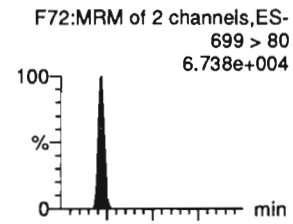


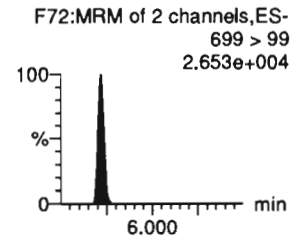
PFTrDA



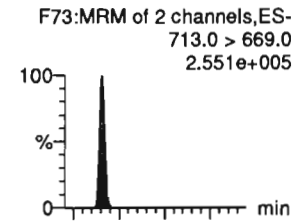


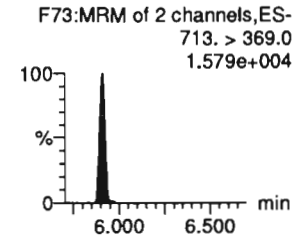
PFDoS



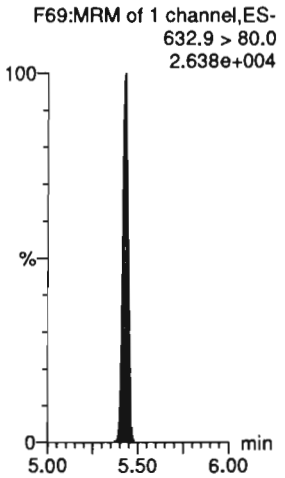


PFTeDA

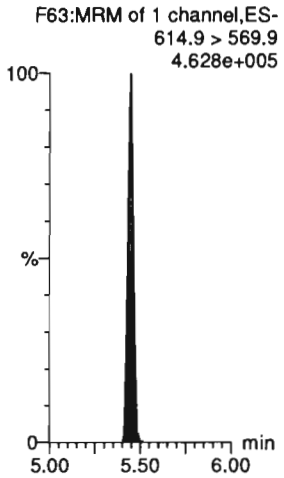




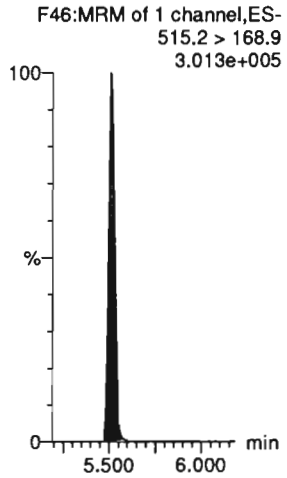
13C2-10:2 FTS-EIS



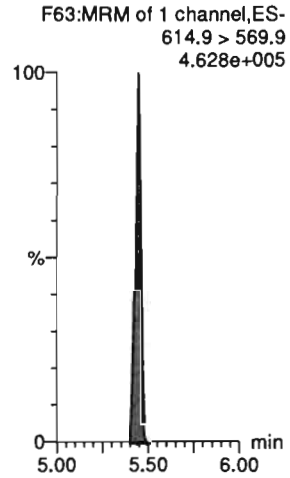
13C2-PFDoA-EIS



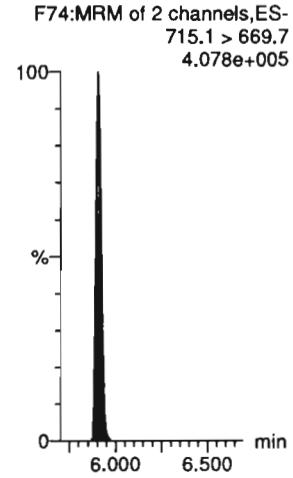
d3-N-MeFOSA-EIS



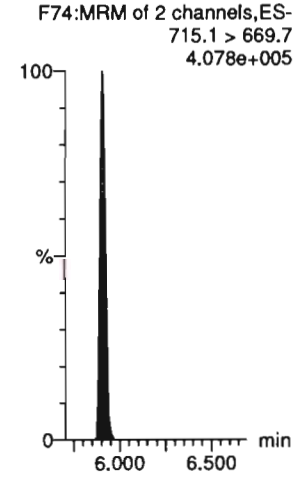
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

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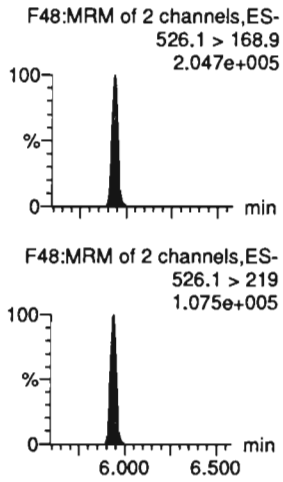
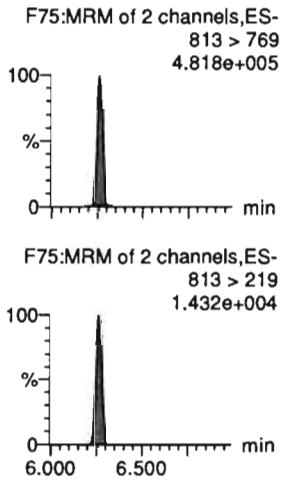
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

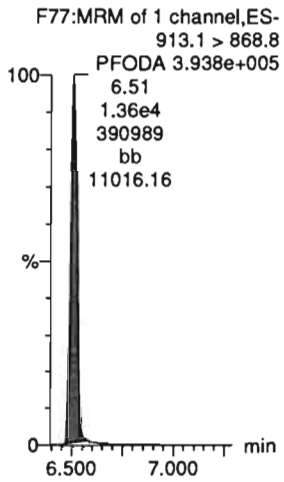
N-EtFOSA



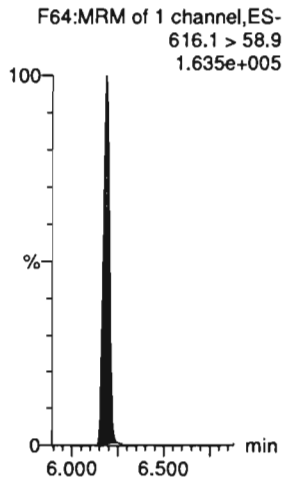
PFHxDA



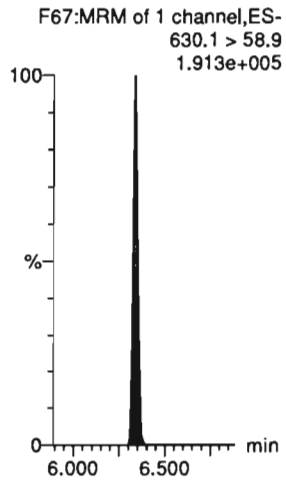
PFODA



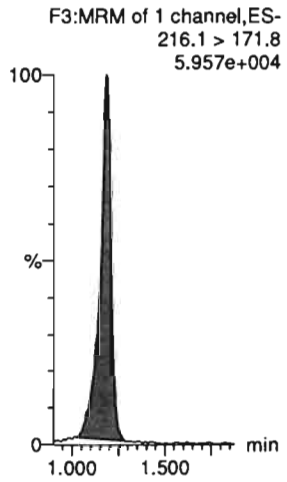
N-MeFOSE



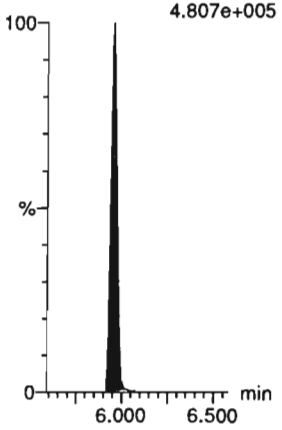
N-EtFOSE



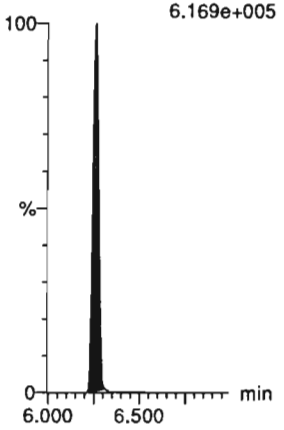
13C3-PFBA-RSD



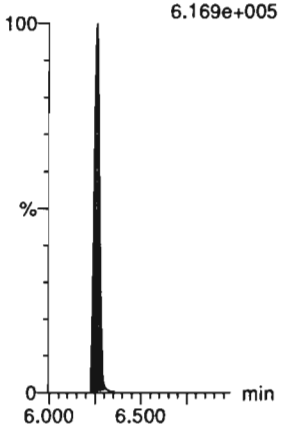
d5-N-ETFOSA-EIS



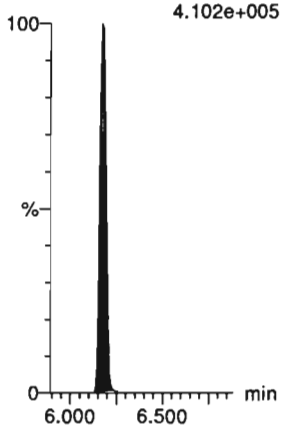
13C2-PFHxDA-EIS



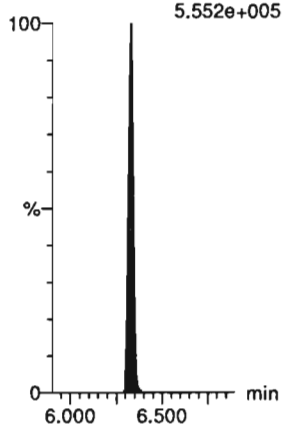
13C2-PFHxDA-EIS



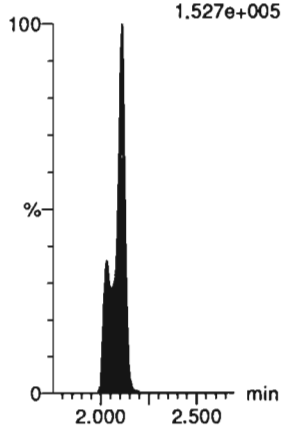
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



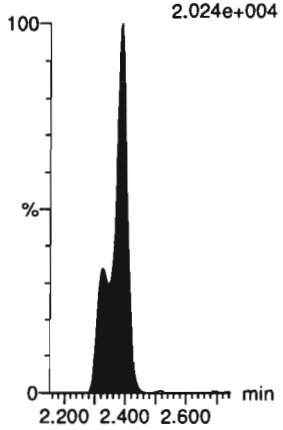
OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

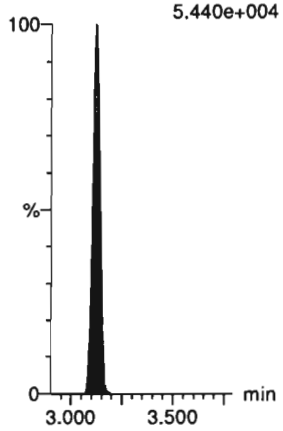
Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

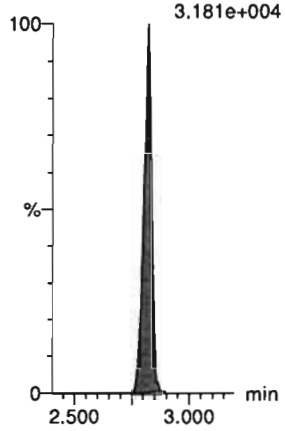
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.024e+004



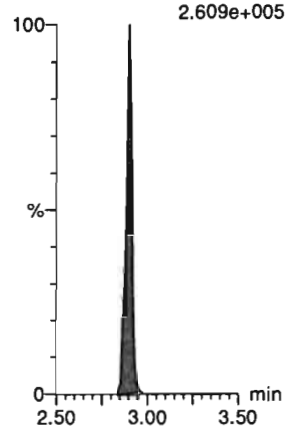
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.440e+004



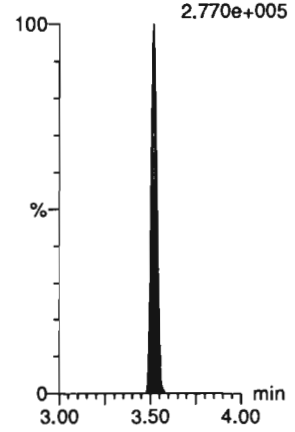
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.181e+004



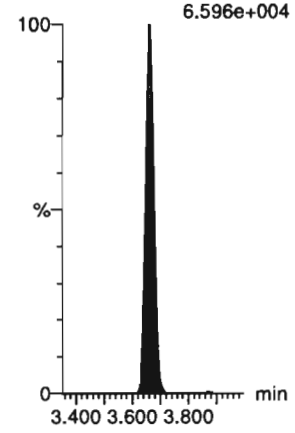
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.609e+005



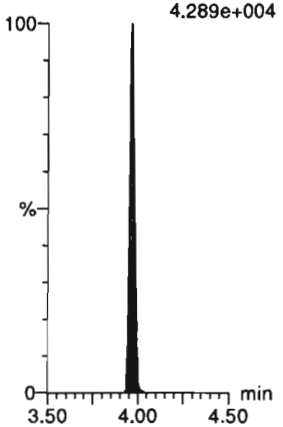
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.770e+005



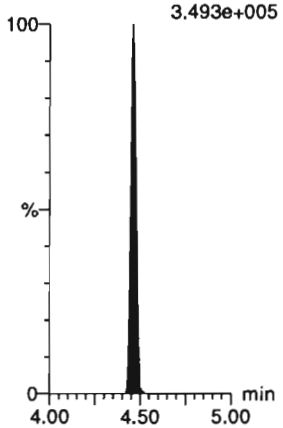
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.596e+004



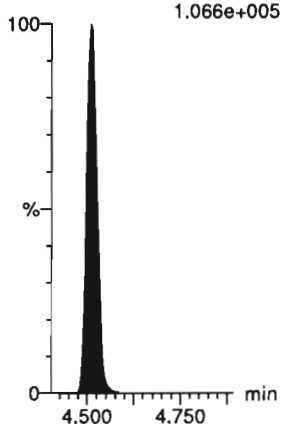
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.289e+004



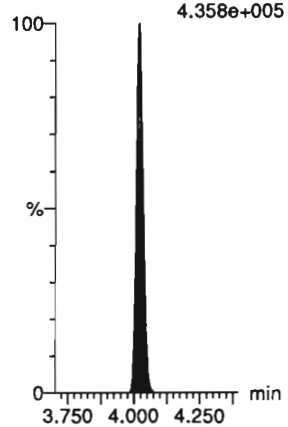
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.493e+005



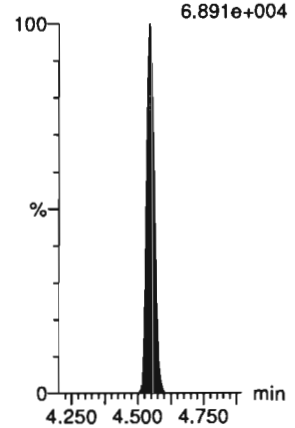
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.066e+005



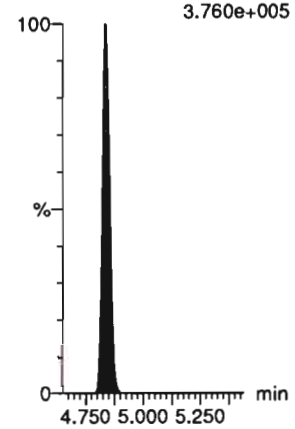
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.358e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.891e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.760e+005



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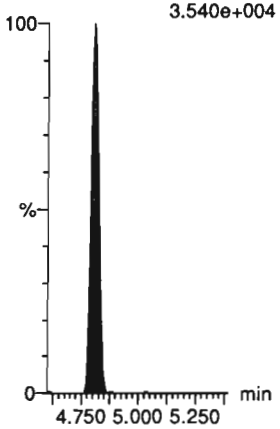
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

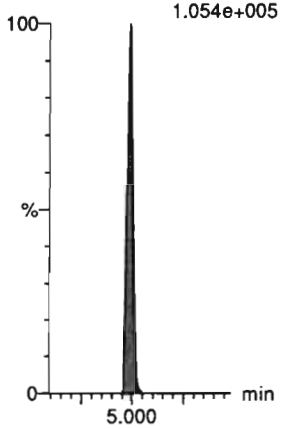
Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

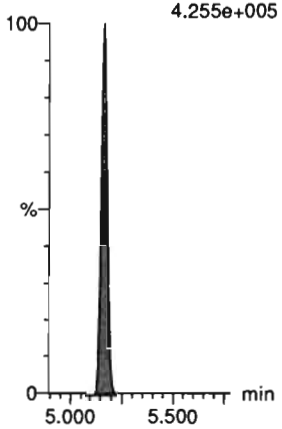
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.540e+004



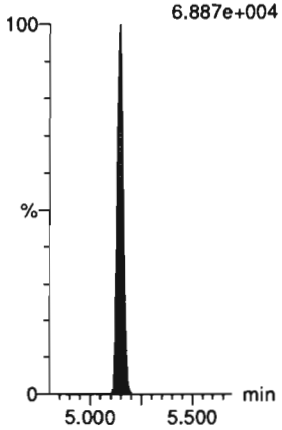
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.054e+005



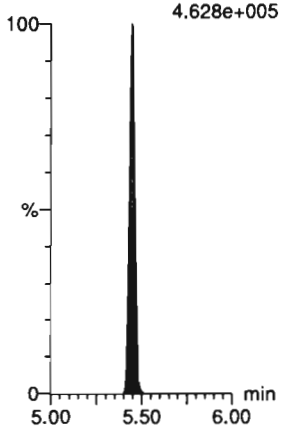
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.255e+005



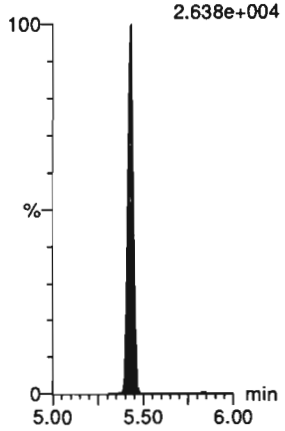
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.887e+004



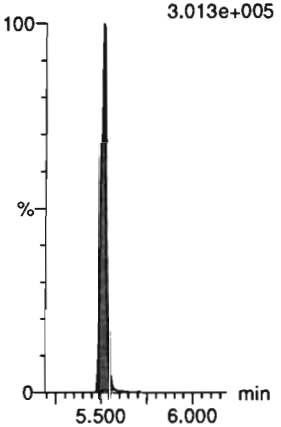
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.628e+005



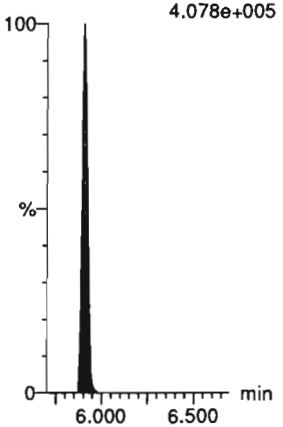
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.638e+004



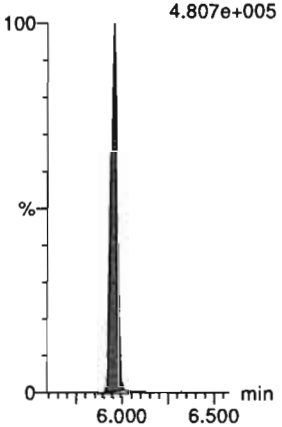
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.013e+005



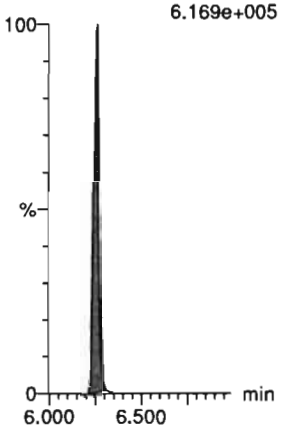
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.078e+005



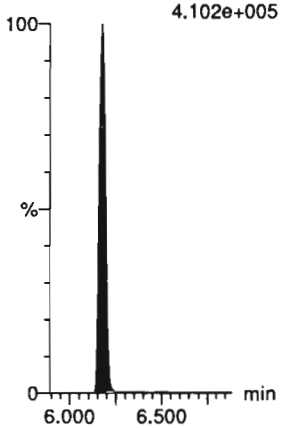
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.807e+005



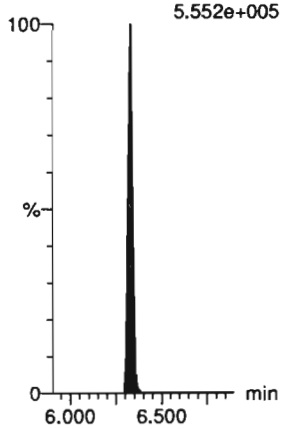
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.169e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.102e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.552e+005



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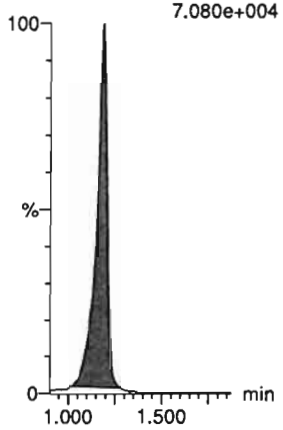
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-44.qld

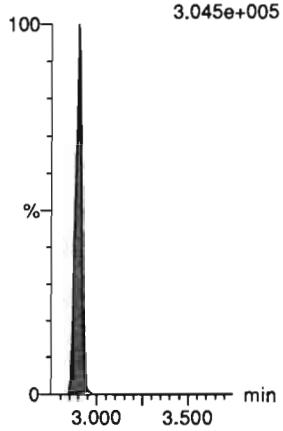
Last Altered: Wednesday, June 10, 2020 13:28:49 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 13:33:42 Pacific Daylight Time

Name: 200609P1-44, Date: 09-Jun-2020, Time: 20:45:21, ID: ST200609P1-11 PFC CS3 20E2706, Description: PFC CS3 20E2706

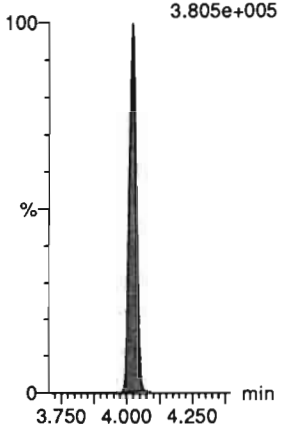
13C4-PFBA



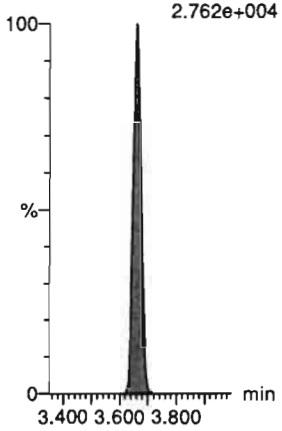
13C5-PFHxA



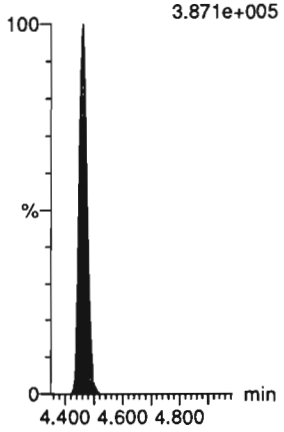
13C8-PFOA



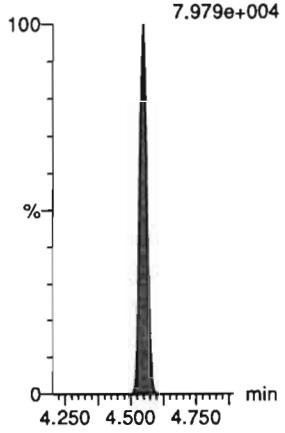
18O2-PFHxS



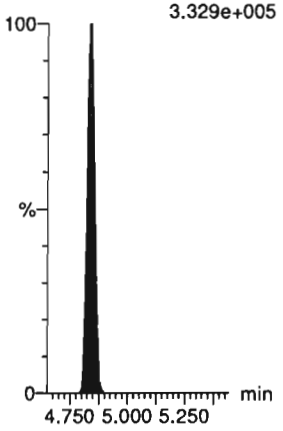
13C9-PFNA



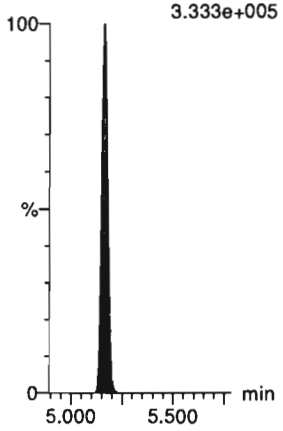
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

Last Altered: Wednesday, June 10, 2020 16:36:34 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 16:39:21 Pacific Daylight Time

√ FR 06/11/2020

Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3733.332	4399.317	1.00	1.18	10.608	10.000	10.4	103.7	NO		
2	2	PFPrS	249 > 80	751.809	1179.405	1.00	1.51	7.968	10.000	10.3	103.2	NO	2.330	NO
3	3	3:3 FTCA	240.9 > 176.9	908.534	9549.276	1.00	1.98	1.189	10.000	10.8	108.3	NO	3.403	NO
4	4	PFPeA	263.1 > 218.9	7574.760	9549.276	1.00	2.11	9.915	10.000	11.3	112.6	NO		
5	5	PFBS	299.0 > 80	2433.184	1179.405	1.00	2.39	25.788	10.000	10.2	102.2	NO	2.352	NO
6	6	4:2 FTS	326.9 > 306.9	2876.904	1225.916	1.00	2.82	29.334	10.000	10.9	108.8	NO	11.157	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4399.317		1.00	1.19	4399.317	12.500	14.0	112.4	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1179.405		1.00	2.39	1179.405	12.500	13.5	107.6	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	9549.276		1.00	2.11	9549.276	12.500	12.8	102.3	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	9549.276		1.00	2.11	9549.276	12.500	12.8	102.3	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1179.405		1.00	2.39	1179.405	12.500	13.5	107.6	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1225.916		1.00	2.82	1225.916	12.500	12.1	96.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9768.478	11523.671	1.00	2.90	10.596	10.000	10.5	105.1	NO	27.469	YES
15	8	PFPeS	349.>80	2067.522	1179.405	1.00	3.11	21.913	10.000	11.3	113.4	NO	2.146	YES
16	9	HFPO-DA	285.1 > 168.9	1756.484	2109.265	1.00	3.12	10.409	10.000	11.3	113.3	NO	2.218	NO
17	10	5:3 FTCA	340.9 > 236.9	1805.559	10482.905	1.00	3.46	2.153	10.000	9.62	96.2	NO	1.607	NO
18	11	PFHpA	363.0 > 319	11546.598	10482.905	1.00	3.52	13.768	10.000	11.0	109.6	NO	50.226	NO
19	12	ADONA	376.8 > 250.9	20097.801	10482.905	1.00	3.62	23.965	10.000	10.8	107.9	NO	4.043	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	11523.671		1.00	2.90	11523.671	12.500	13.0	104.3	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1179.405		1.00	2.39	1179.405	12.500	13.5	107.6	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2109.265		1.00	3.13	2109.265	12.500	12.6	100.8	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	10482.905		1.00	3.52	10482.905	12.500	13.2	105.3	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	10482.905		1.00	3.52	10482.905	12.500	13.2	105.3	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	10482.905		1.00	3.52	10482.905	12.500	13.2	105.3	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2246.597	2158.678	1.00	3.66	13.009	10.000	12.3	123.5	NO	4.446	NO
28	15	6:2 FTS	427.0 > 407	1428.873	1457.596	1.00	3.96	12.254	10.000	11.2	111.8	NO	0.762	NO
29	16	L-PFOA	413 > 369	11276.777	13096.223	1.00	4.02	10.763	10.000	11.3	112.9	NO	3.163	NO
30	18	PFecHS	461 > 381.0	2166.218	13096.223	1.00	4.04	2.068	10.000	10.4	103.6	NO	0.554	NO
31	19	PFHpS	449.0 > 80	1888.622	2358.401	1.00	4.13	10.010	10.000	10.9	109.4	NO	1.703	YES
32	20	7:3 FTCA	440.9 > 336.9	2185.544	11626.580	1.00	4.44	2.350	10.000	9.26	92.6	NO	1.235	NO
33	61	13C3-PFHxS-EIS	402 > 80	2158.678		1.00	3.66	2158.678	12.500	13.0	104.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1457.596		1.00	3.97	1457.596	12.500	13.2	105.4	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13096.223		1.00	4.02	13096.223	12.500	13.0	104.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13096.223		1.00	4.02	13096.223	12.500	13.0	104.3	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

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Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2358.401		1.00	4.55	2358.401	12.500	12.8	102.3	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	11626.580		1.00	4.46	11626.580	12.500	12.5	99.7	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	11679.729	11626.580	1.00	4.46	12.557	10.000	11.0	110.0	NO	12.892	NO
41	22	PFOSA	498 > 78	1912.422	3664.889	1.00	4.51	6.523	10.000	9.79	97.9	NO	21.536	NO
42	23	L-PFOS	499 > 80	2370.464	2358.401	1.00	4.55	12.564	10.000	11.0	109.7	NO	2.587	NO
43	25	9Cl-PF30NS	531 > 351	5440.044	2358.401	1.00	4.77	28.833	10.000	10.6	105.7	NO	44.148	NO
44	26	PFDA	513 > 469	10855.978	14794.877	1.00	4.84	9.172	10.000	10.1	101.3	NO	5.231	NO
45	27	8:2 FTS	527.1 > 507	819.081	1206.096	1.00	4.81	8.489	10.000	9.07	90.7	NO	0.490	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	11626.580		1.00	4.46	11626.580	12.500	12.5	99.7	NO		
47	67	13C8-PFOSA-EIS	506 > 78	3664.889		1.00	4.51	3664.889	12.500	13.8	110.2	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2358.401		1.00	4.55	2358.401	12.500	12.8	102.3	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2358.401		1.00	4.55	2358.401	12.500	12.8	102.3	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	14794.877		1.00	4.84	14794.877	12.500	13.2	105.6	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1206.096		1.00	4.81	1206.096	12.500	12.4	98.8	NO		
52	-1													
53	28	PFNS	549 > 80	2509.801	2358.401	1.00	4.91	13.302	10.000	11.5	114.6	NO	2.436	YES
54	29	L-MeFOSAA	570 > 419	3335.029	3348.409	1.00	4.99	12.450	10.000	10.8	108.5	NO	1.702	NO
55	31	L-EtFOSAA	584 > 419	4330.405	2354.956	1.00	5.15	22.986	10.000	10.9	109.2	NO	1.342	NO
56	33	PFUdA	563.0 > 519	12623.902	14057.085	1.00	5.16	11.226	10.000	12.0	120.4	NO	19.236	NO
57	34	PFDS	599.1 > 80.0	2095.345	2358.401	1.00	5.21	11.106	10.000	10.7	107.4	NO	2.328	YES
58	35	11Cl-PF30UdS	631 > 451	3895.851	16217.294	1.00	5.38	3.003	10.000	12.0	119.7	NO	16.108	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2358.401		1.00	4.55	2358.401	12.500	12.8	102.3	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3348.409		1.00	4.99	3348.409	12.500	12.9	103.2	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2354.956		1.00	5.14	2354.956	12.500	13.1	105.2	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	14057.085		1.00	5.16	14057.085	12.500	11.7	93.7	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2358.401		1.00	4.55	2358.401	12.500	12.8	102.3	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	16217.294		1.00	5.44	16217.294	12.500	12.4	99.3	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1361.938	892.451	1.00	5.43	19.076	10.000	8.79	87.9	NO	0.916	NO
67	37	PFDoA	612.9 > 569.0	12835.323	16217.294	1.00	5.45	9.893	10.000	11.8	117.7	NO	10.608	NO
68	38	N-MeFOSA	512.1 > 168.9	5100.763	11524.140	1.00	5.48	66.038	50.000	57.0	114.1	NO	1.929	NO
69	39	PFTrDA	662.9 > 618.9	13088.353	16217.294	1.00	5.69	10.088	10.000	11.2	112.0	NO	147.131	NO
70	40	PFDoS	699 > 80	2575.537	13759.043	1.00	5.72	2.340	10.000	12.6	126.4	NO	2.333	NO
71	41	PFTeDA	713.0 > 669.0	7858.384	13759.043	1.00	5.91	7.139	10.000	11.0	109.6	NO	13.061	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	892.451		1.00	5.43	892.451	12.500	12.9	103.5	NO		

OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

Last Altered: Wednesday, June 10, 2020 16:36:34 Pacific Daylight Time
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Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	16217.294		1.00	5.44	16217.294	12.500	12.4	99.3	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	11524.140		1.00	5.52	11524.140	149.200	149	100.0	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	16217.294		1.00	5.44	16217.294	12.500	12.4	99.3	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	13759.043		1.00	5.91	13759.043	12.500	11.9	94.9	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	13759.043		1.00	5.91	13759.043	12.500	11.9	94.9	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	7232.636	17849.568	1.00	5.94	60.456	50.000	52.9	105.9	NO	1.961	NO
80	43	PFHxDA	813 > 769	15229.274	20254.480	1.00	6.26	9.399	10.000	11.2	111.6	NO	32.031	NO
81	44	PFODA	913.1 > 868.8	13261.051	20254.480	1.00	6.51	8.184	10.000	11.7	117.0	NO		
82	45	N-MeFOSE	616.1 > 58.9	6230.865	15681.127	1.00	6.18	59.284	50.000	53.1	106.2	NO		
83	46	N-EtFOSE	630.1 > 58.9	6654.589	16900.557	1.00	6.34	58.747	50.000	53.7	107.3	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4399.317	4783.339	1.00	1.19	11.496	12.500	13.0	103.7	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	17849.568		1.00	5.95	17849.568	149.200	151	101.4	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	20254.480		1.00	6.26	20254.480	12.500	11.8	94.2	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	20254.480		1.00	6.26	20254.480	12.500	11.8	94.2	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	15681.127		1.00	6.17	15681.127	149.200	162	108.6	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	16900.557		1.00	6.32	16900.557	149.200	153	102.8	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	9518.476	12681.595	1.00	2.11	9.382	12.500	12.1	96.7	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1179.349	911.180	1.00	2.39	16.179	12.500	12.6	100.6	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2109.265	12681.595	1.00	3.13	2.079	12.500	11.9	95.2	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1225.916	911.180	1.00	2.82	16.818	12.500	11.9	95.0	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	11523.671	12681.595	1.00	2.90	11.359	12.500	12.2	97.3	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	10482.905	12681.595	1.00	3.52	10.333	12.500	12.3	98.7	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2158.678	911.180	1.00	3.66	29.614	12.500	11.5	92.2	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1457.596	2795.423	1.00	3.97	6.518	12.500	11.5	92.3	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	11626.580	12325.326	1.00	4.46	11.791	12.500	12.2	97.7	NO		
100	68	13C8-PFOSA-RSD	506 > 78	3664.889	10437.225	1.00	4.51	4.389	12.500	13.7	109.7	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	13096.223	11264.464	1.00	4.02	14.533	12.500	12.1	97.2	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2358.401	2795.423	1.00	4.55	10.546	12.500	11.7	93.2	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	14794.877	13235.139	1.00	4.84	13.973	12.500	12.0	95.7	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1206.096	2795.423	1.00	4.81	5.393	12.500	10.1	81.0	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	3348.409	10437.225	1.00	4.99	4.010	12.500	12.5	99.7	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	14057.085	10437.225	1.00	5.16	16.835	12.500	12.3	98.7	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	2354.956	10437.225	1.00	5.14	2.820	12.500	13.9	111.0	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

Last Altered: Wednesday, June 10, 2020 16:36:34 Pacific Daylight Time
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Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	16217.294	13235.139	1.00	5.44	15.317	12.500	11.0	87.7	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	892.451	2795.423	1.00	5.43	3.991	12.500	11.3	90.1	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	11524.140	10437.225	1.00	5.52	13.802	149.200	149	99.7	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	13759.043	10437.225	1.00	5.91	16.478	12.500	12.3	98.0	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	17849.568	10437.225	1.00	5.95	21.377	149.200	159	106.9	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	20254.480	10437.225	1.00	6.26	24.258	12.500	12.0	96.1	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	15681.127	10437.225	1.00	6.17	18.780	149.200	163	109.4	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	16900.557	10437.225	1.00	6.32	20.241	149.200	161	108.1	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	4783.339	4783.339	1.00	1.19	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	12681.595	12681.595	1.00	2.90	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	11264.464	11264.464	1.00	4.02	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	911.180	911.180	1.00	3.66	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	12325.326	12325.326	1.00	4.46	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	2795.423	2795.423	1.00	4.55	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	13235.139	13235.139	1.00	4.84	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	10437.225	10437.225	1.00	5.16	12.500	12.500	12.5	100.0	NO		

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Thursday, June 11, 2020 08:23:02 Pacific Daylight Time
Printed: Thursday, June 11, 2020 08:23:11 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200609P1-1	IPA	09-Jun-20	13:12:39
2	2 200609P1-2	TEST	09-Jun-20	13:23:13
3	3 200609P1-3	IPA	09-Jun-20	13:33:42
4	4 200609P1-4	IPA	09-Jun-20	13:44:11
5	5 200609P1-5	ST200609P1-1 PFC CS-2 20E2701	09-Jun-20	13:55:31
6	6 200609P1-6	ST200609P1-2 PFC CS-1 20E2702	09-Jun-20	14:06:03
7	7 200609P1-7	ST200609P1-3 PFC CS0 20F0201	09-Jun-20	14:16:31
8	8 200609P1-8	ST200609P1-4 PFC CS1 20E2704	09-Jun-20	14:27:03
9	9 200609P1-9	ST200609P1-5 PFC CS2 20E2705	09-Jun-20	14:37:34
10	10 200609P1-10	ST200609P1-6 PFC CS3 20E2706	09-Jun-20	14:48:02
11	11 200609P1-11	ST200609P1-7 PFC CS4 20F0303	09-Jun-20	14:58:34
12	12 200609P1-12	ST200609P1-8 PFC CS5 20E2708	09-Jun-20	15:09:03
13	13 200609P1-13	ST200609P1-9 PFC CS6 20E2709	09-Jun-20	15:19:35
14	14 200609P1-14	ST200609P1-10 PFC CS7 20E2710	09-Jun-20	15:30:14
15	15 200609P1-15	IB	09-Jun-20	15:40:42
16	16 200609P1-16	ICV200609P1-1 PFC ICV 20E2711	09-Jun-20	15:51:14
17	17 200609P1-17	IB	09-Jun-20	16:01:42
18	18 200609P1-18	B0E0201-BS1@5X OPR 0.001	09-Jun-20	16:12:14
19	19 200609P1-19	B0E0201-BS1@20X OPR 0.001	09-Jun-20	16:22:43
20	20 200609P1-20	B0E0259-BS1 OPR 2	09-Jun-20	16:33:15
21	21 200609P1-21	2001121-17 Field Blank 0.24793	09-Jun-20	16:43:44
22	22 200609P1-22	B0E0190-BLK1 Method Blank 1	09-Jun-20	16:54:15
23	23 200609P1-23	B0E0190-BS1 OPR 1	09-Jun-20	17:04:44
24	24 200609P1-24	2001087-02 S-Sed-LR 2.36	09-Jun-20	17:15:15
25	25 200609P1-25	2001087-04 S-Sed-111 1.27	09-Jun-20	17:25:46
26	26 200609P1-26	B0E0266-BLK1 Method Blank 0.25	09-Jun-20	17:36:15
27	27 200609P1-27	B0E0266-BS1 OPR 0.25	09-Jun-20	17:46:47
28	28 200609P1-28	2001169-01 Well Water 0.2434	09-Jun-20	17:57:16
29	29 200609P1-29	B0E0249-BLK1 Method Blank 2	09-Jun-20	18:07:47
30	30 200609P1-30	B0E0249-BS1 OPR 2	09-Jun-20	18:18:17
31	31 200609P1-31	B0E0249-BS2 OPR 2	09-Jun-20	18:28:49
32	32 200609P1-32	B0E0249-BS3 OPR 2	09-Jun-20	18:39:18

Dataset: Untitled

Last Altered: Thursday, June 11, 2020 08:23:02 Pacific Daylight Time
Printed: Thursday, June 11, 2020 08:23:11 Pacific Daylight Time

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200609P1-33	B0E0249-BS4 OPR 2	09-Jun-20	18:49:47
34	34 200609P1-34	B0F0015-BLK1 Method Blank 0.25	09-Jun-20	19:00:19
35	35 200609P1-35	B0F0015-BS1 OPR 0.25	09-Jun-20	19:10:48
36	36 200609P1-36	2001172-01 PPP3C2005271305JSJ 0.25037	09-Jun-20	19:21:20
37	37 200609P1-37	B0E0245-BLK1 Method Blank 0.125	09-Jun-20	19:31:48
38	38 200609P1-38	B0E0245-BS1 OPR 0.125	09-Jun-20	19:42:20
39	39 200609P1-39	2001150-01 GW-MW-6 0.11362	09-Jun-20	19:52:49
40	40 200609P1-40	2001150-02 GW-MW-9 0.1113	09-Jun-20	20:03:21
41	41 200609P1-41	2001150-03 GW-MW-10 0.10736	09-Jun-20	20:13:49
42	42 200609P1-42	2001150-04 GW-FPC-5A 0.10786	09-Jun-20	20:24:21
43	43 200609P1-43	IB	09-Jun-20	20:34:52
44	44 200609P1-44	ST200609P1-11 PFC CS3 20E2706	09-Jun-20	20:45:21
45	45 200609P1-45	IB	09-Jun-20	20:55:53
46	46 200609P1-46	2001150-05 GW-FPC-5B 0.11142	09-Jun-20	21:06:22
47	47 200609P1-47	2001150-06 DW-R-9SMW 0.11852	09-Jun-20	21:16:53
48	48 200609P1-48	B0F0009-BLK1 Method Blank 0.25	09-Jun-20	21:27:24
49	49 200609P1-49	B0F0009-BS1 OPR 0.25	09-Jun-20	21:37:54
50	50 200609P1-50	2001176-01 2 0.23906	09-Jun-20	21:48:23
51	51 200609P1-51	2001176-02 3 0.23977	09-Jun-20	21:58:53
52	52 200609P1-52	2001176-03 4 0.24299	09-Jun-20	22:09:25
53	53 200609P1-53	2001176-04 6 0.24407	09-Jun-20	22:19:54
54	54 200609P1-54	2001176-05 5 0.24399	09-Jun-20	22:30:26
55	55 200609P1-55	2001176-06 7 0.24832	09-Jun-20	22:40:54
56	56 200609P1-56	2001176-07 Ditch B 0.24353	09-Jun-20	22:51:26
57	57 200609P1-57	2001176-08 1N 0.24218	09-Jun-20	23:01:54
58	58 200609P1-58	IB	09-Jun-20	23:12:27
59	59 200609P1-59	ST200609P1-12 PFC CS3 20E2706	09-Jun-20	23:22:56
60	60 200609P1-60	IB	09-Jun-20	23:33:27
61	61 200609P1-61	2001176-09 1ES 0.24426	09-Jun-20	23:43:56
62	62 200609P1-62	2001176-10 8 0.24575	09-Jun-20	23:54:28
63	63 200609P1-63	2001176-11 8 DUP 0.24133	10-Jun-20	00:04:57
64	64 200609P1-64	2001176-12 9 0.24065	10-Jun-20	00:15:28
65	65 200609P1-65	2001176-13 SW-2 0.24325	10-Jun-20	00:25:59
66	66 200609P1-66	2001176-14 SW-3 0.24065	10-Jun-20	00:36:28
67	67 200609P1-67	2001176-15 Field Blank 0.24972	10-Jun-20	00:46:59
68	68 200609P1-68	2001176-16 Equip Blank 0.25389	10-Jun-20	00:57:28

Dataset: Untitled

Last Altered: Thursday, June 11, 2020 08:23:02 Pacific Daylight Time
Printed: Thursday, June 11, 2020 08:23:11 Pacific Daylight Time

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200609P1-69	IB	10-Jun-20	01:08:00
70	70 200609P1-70	ST200609P1-13 PFC CS3 20E2706	10-Jun-20	01:18:29
71	71 200609P1-71	IB	10-Jun-20	01:29:01

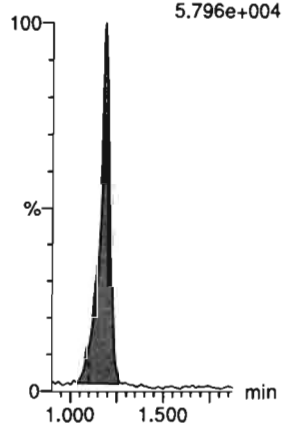
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

Last Altered: Wednesday, June 10, 2020 16:36:34 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 16:39:21 Pacific Daylight Time

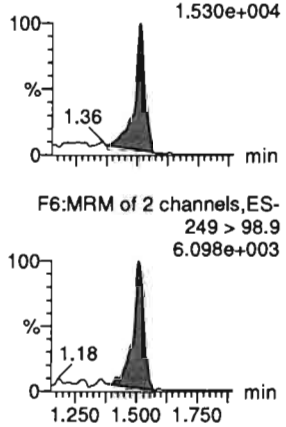
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

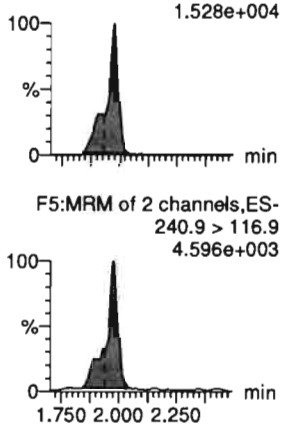
PFBA



PFPrS



3:3 FTCA



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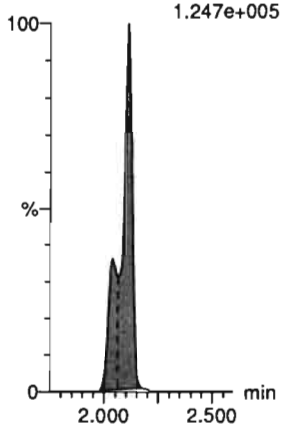

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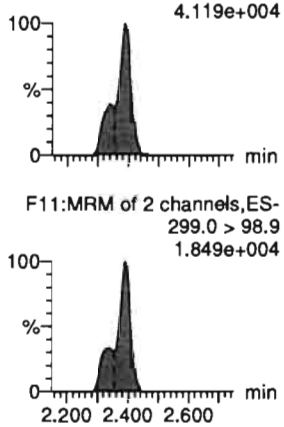
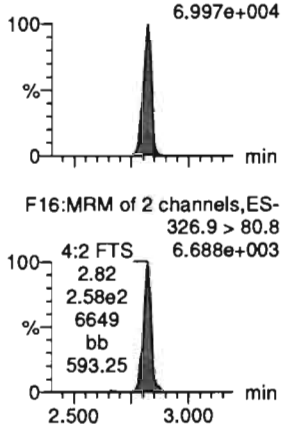
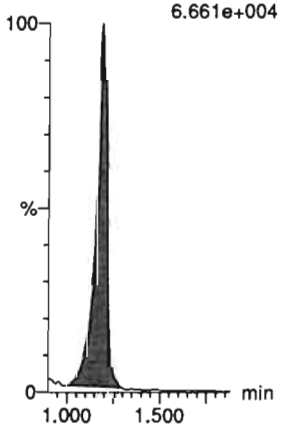


4:2 FTS



13C3-PFBA-EIS



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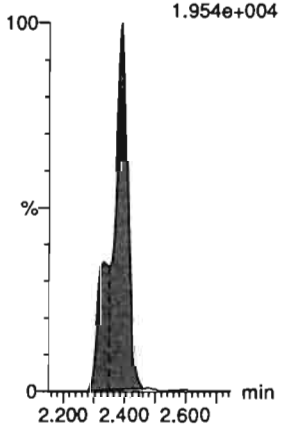

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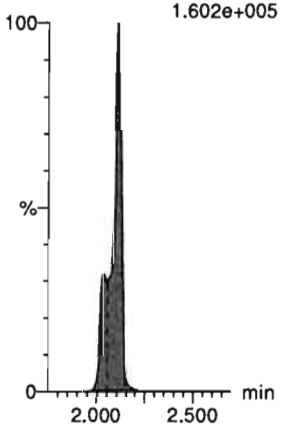
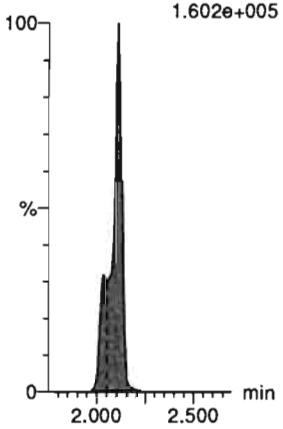
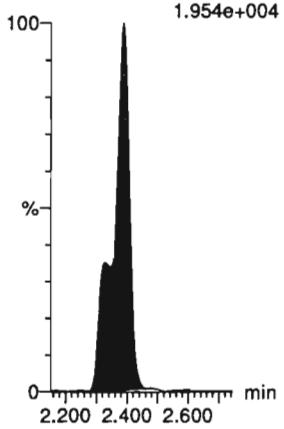


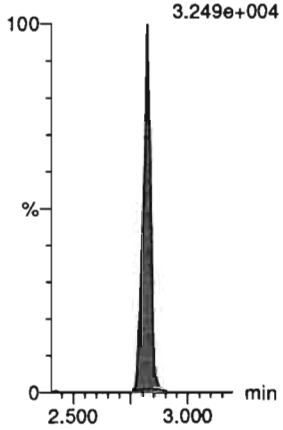
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

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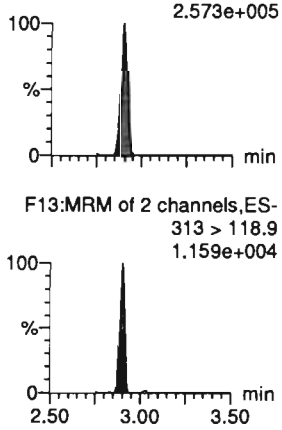
Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFHxA



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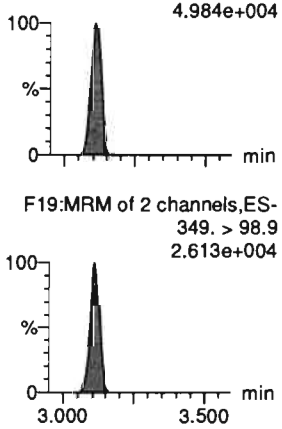

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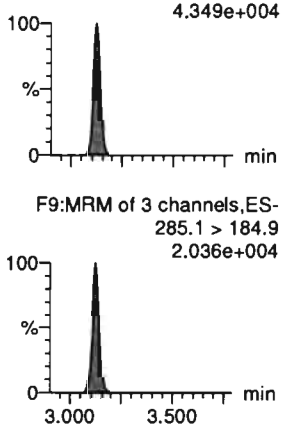
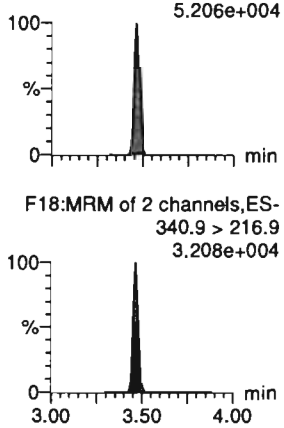


5:3 FTCA



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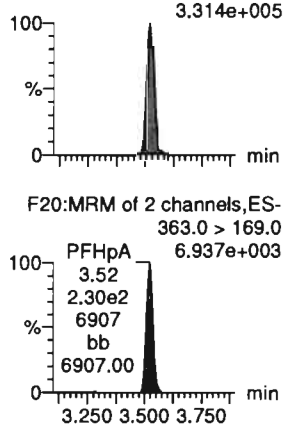

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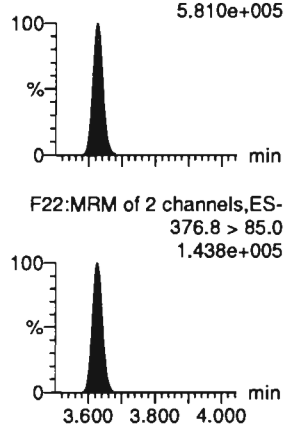
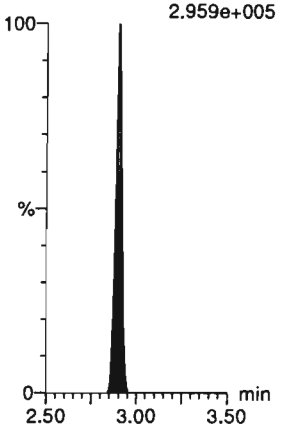
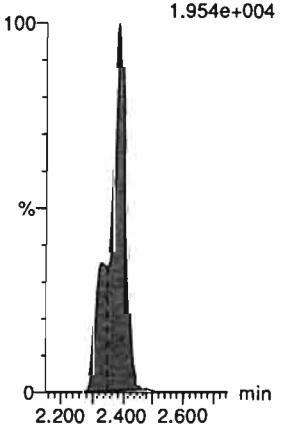


13C2-PFHxA-EIS



13C3-PFBS-EIS



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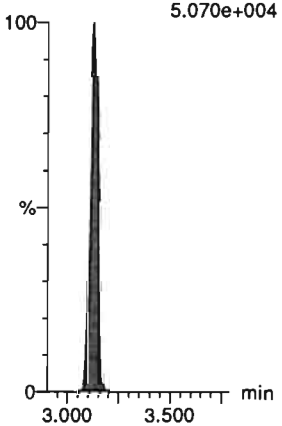
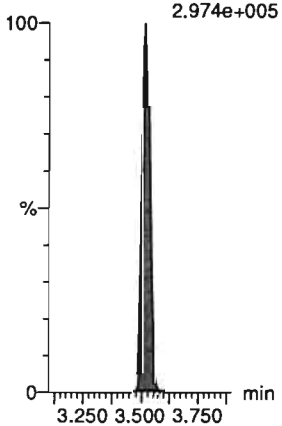


13C4-PFHpA-EIS



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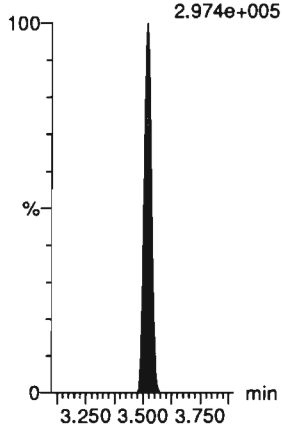

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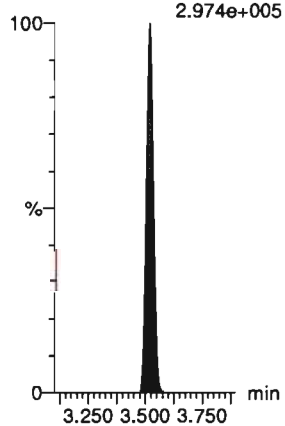

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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

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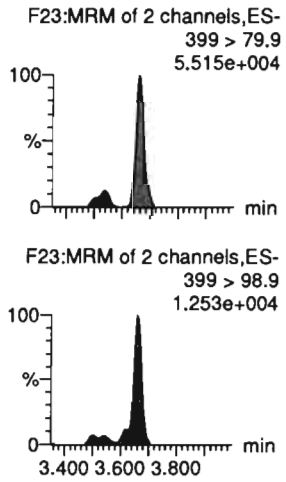
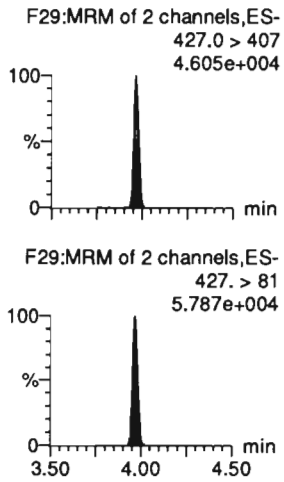
Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

L-PFHxS



6:2 FTS



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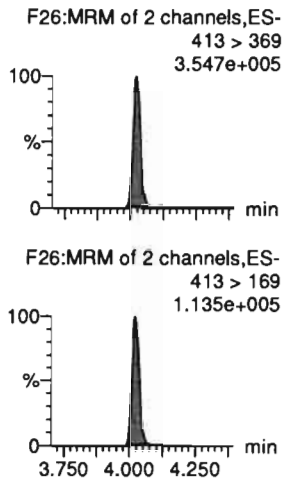

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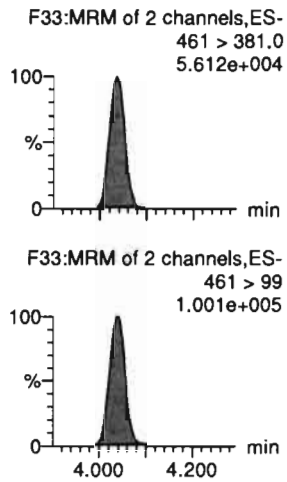

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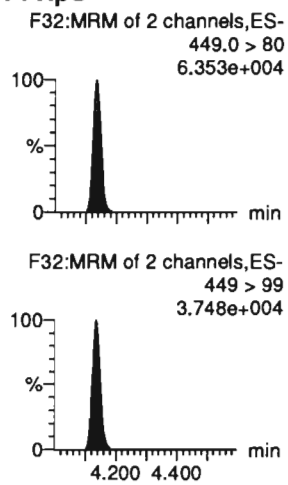
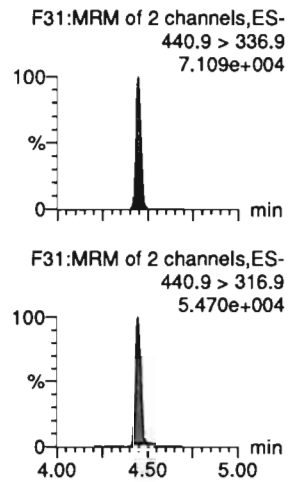
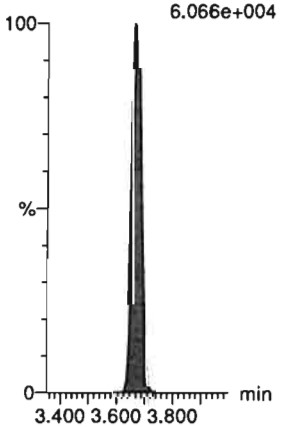


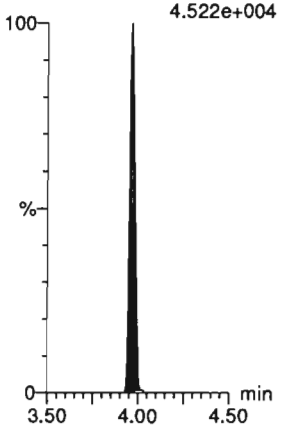
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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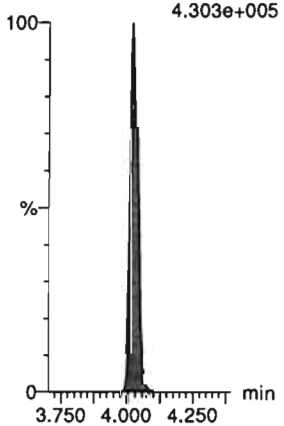

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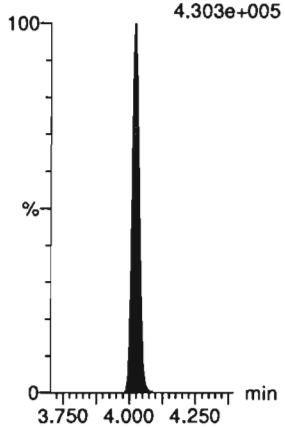
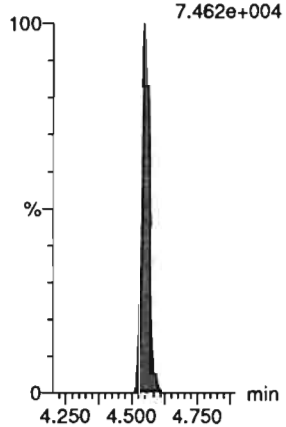
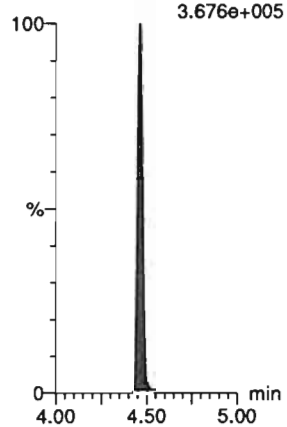


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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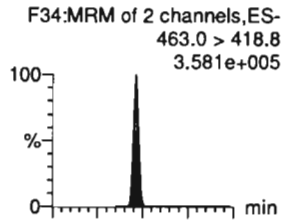
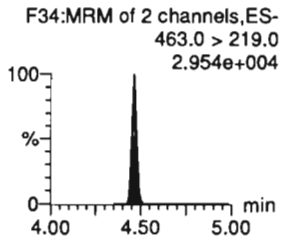
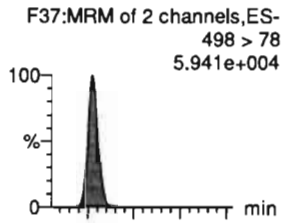
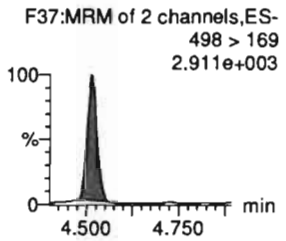


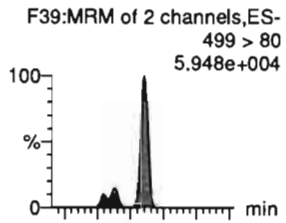


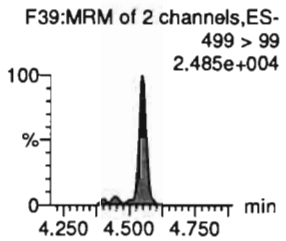
PFOSA



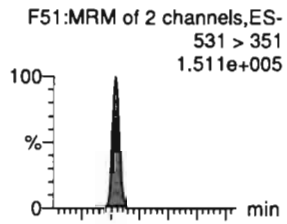


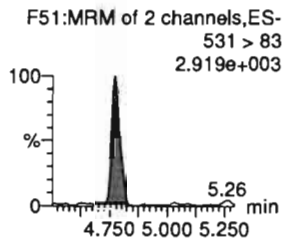
L-PFOS





9Cl-PF30NS





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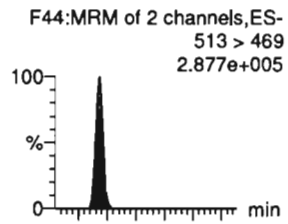
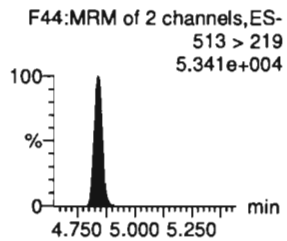
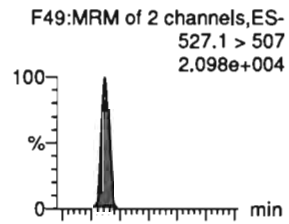
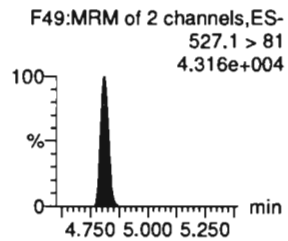




8:2 FTS





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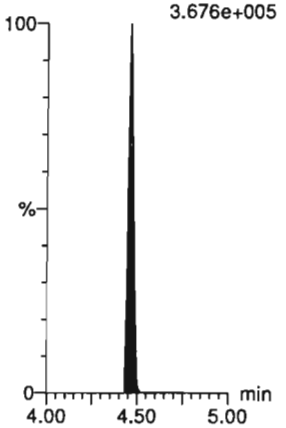
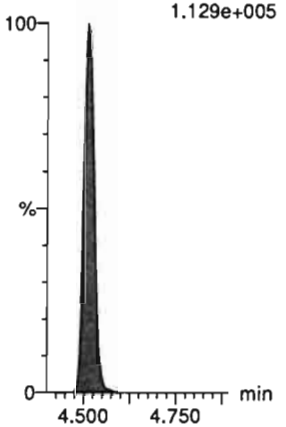


13C8-PFOSA-EIS



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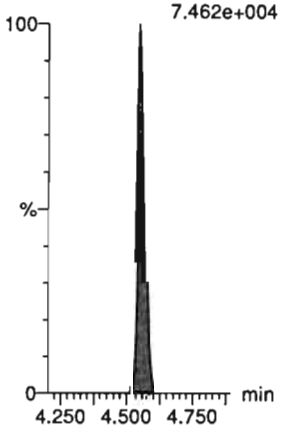

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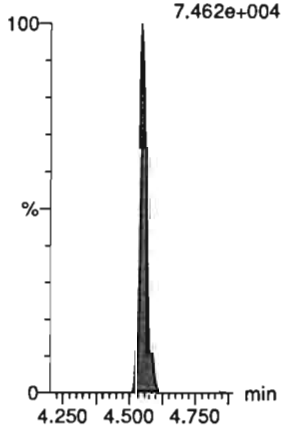

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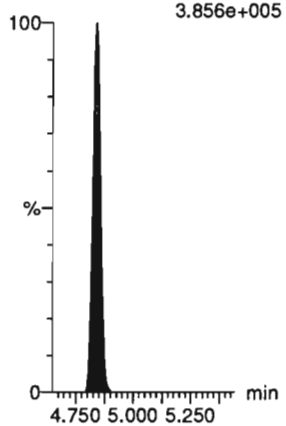
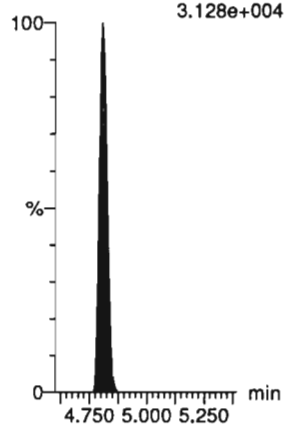


13C2-8:2 FTS-EIS



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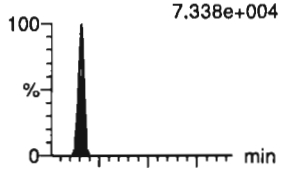
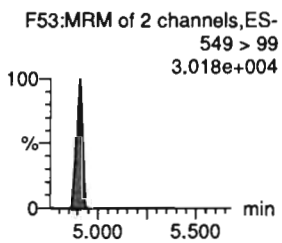
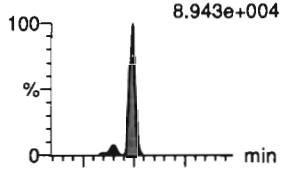
Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

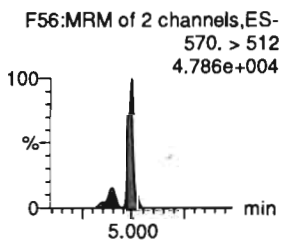
PFNS





L-MeFOSAA





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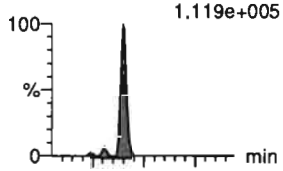

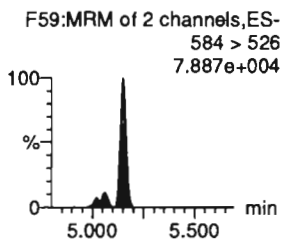

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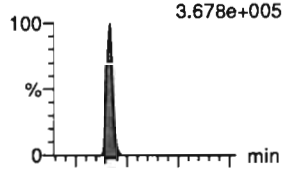
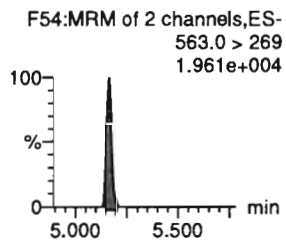
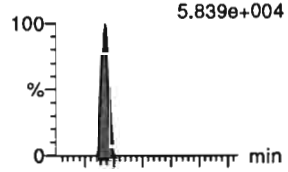
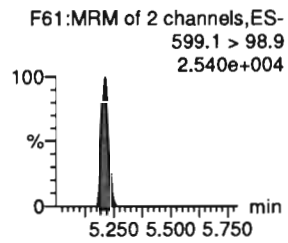


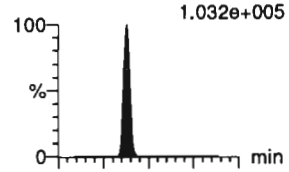


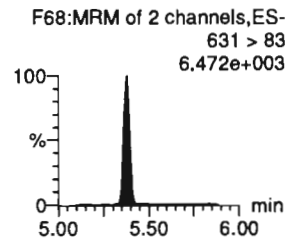
PFDS



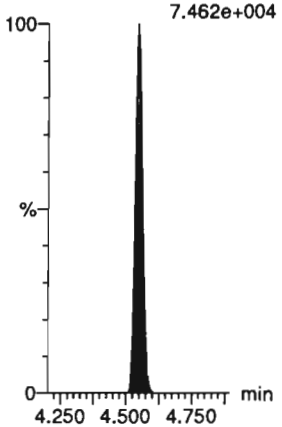


11Cl-PF30UdS

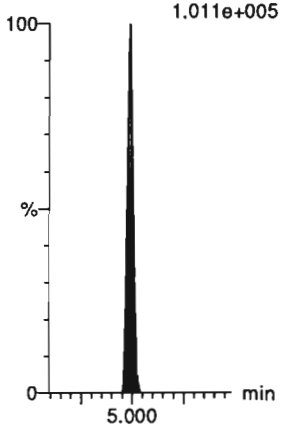




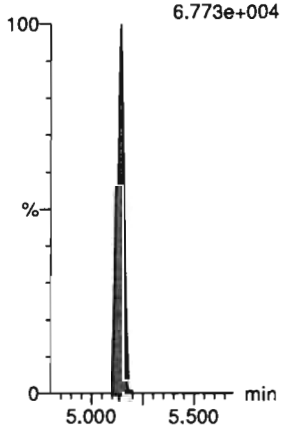
13C8-PFOS-EIS



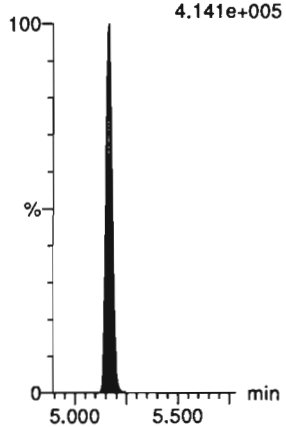
d3-N-MeFOSAA-EIS



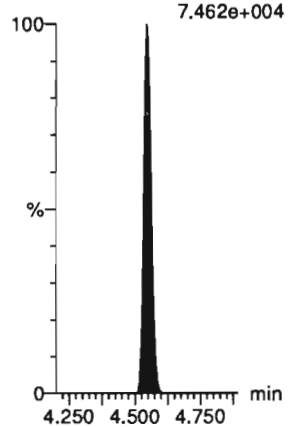
d5-N-EtFOSAA-EIS



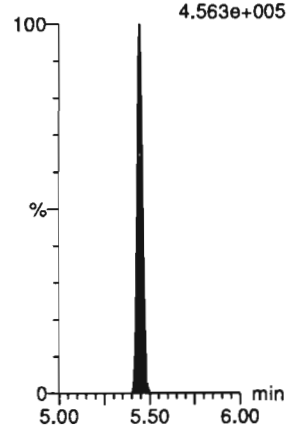
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

Last Altered: Wednesday, June 10, 2020 16:36:34 Pacific Daylight Time
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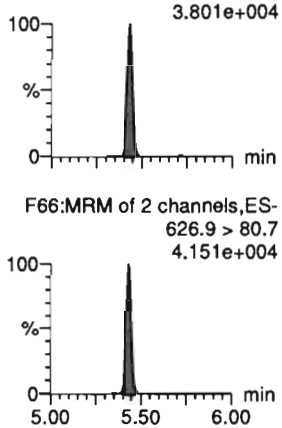
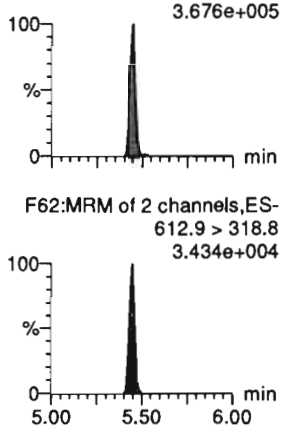
Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

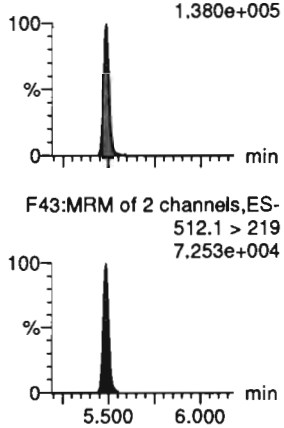
10:2 FTS



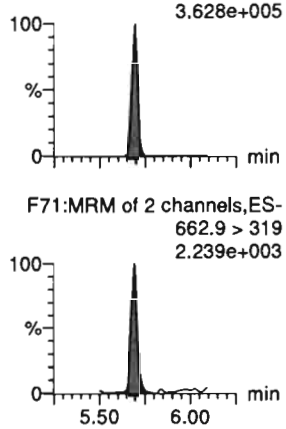
PFDoA



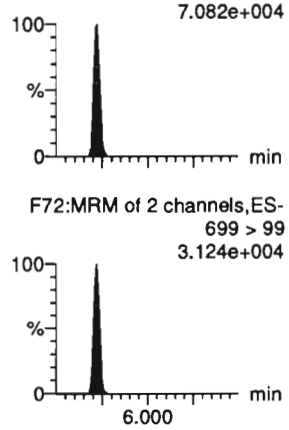
N-MeFOSA



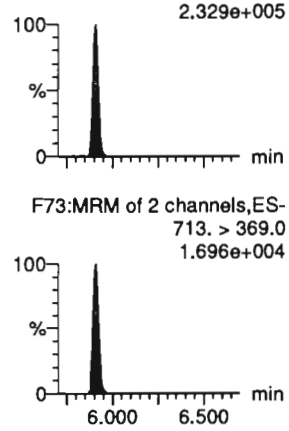
PFTrDA



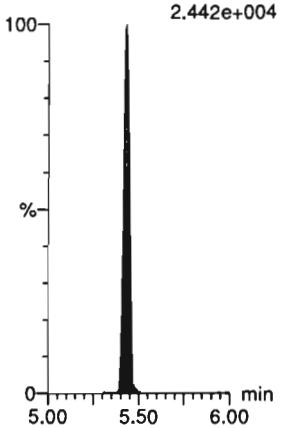
PFDoS



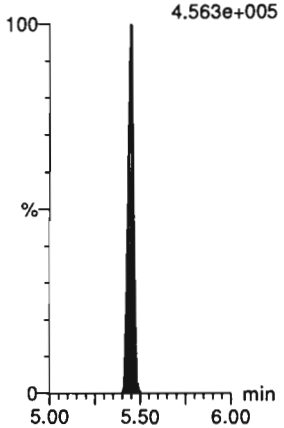
PFTeDA



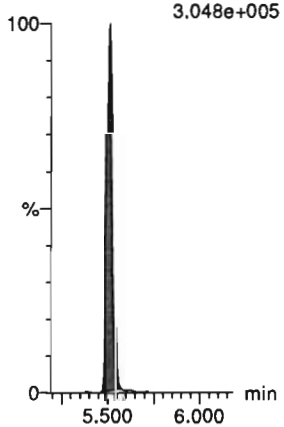
13C2-10:2 FTS-EIS



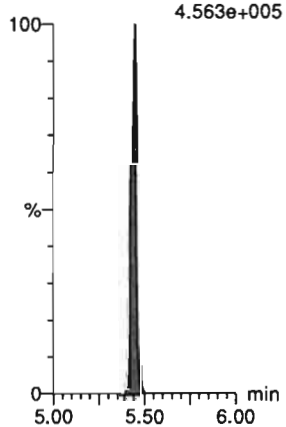
13C2-PFDoA-EIS



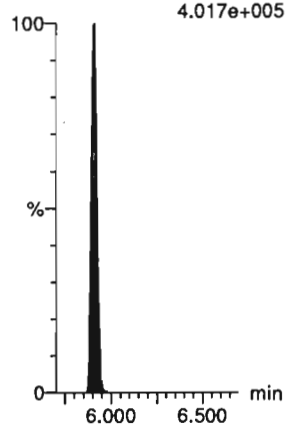
d3-N-MeFOSA-EIS



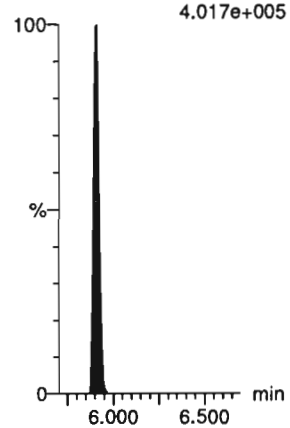
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

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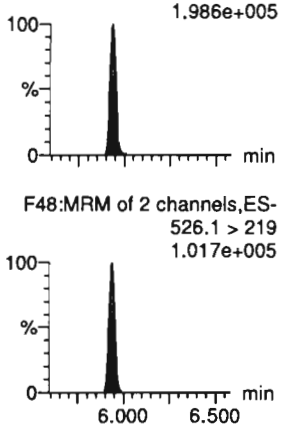
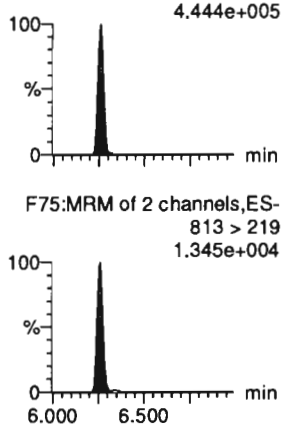
Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

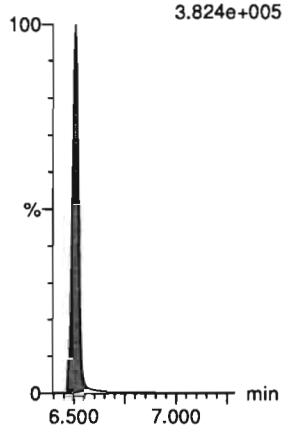
N-EtFOSA



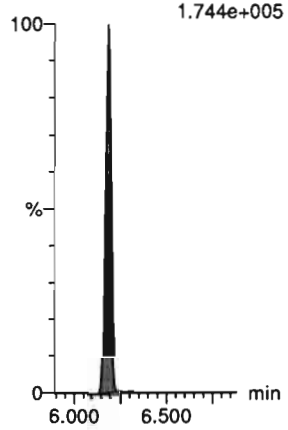
PFHxDA



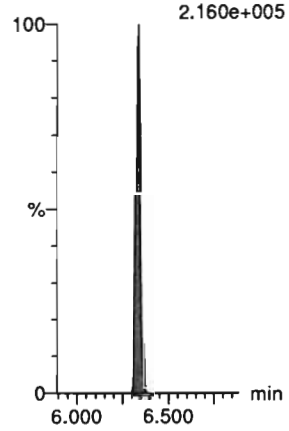
PFODA



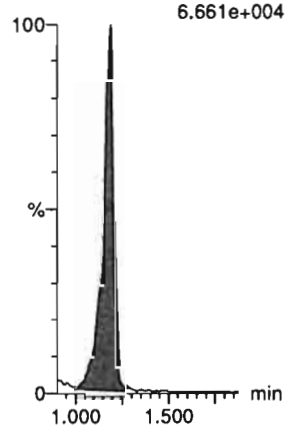
N-MeFOSE



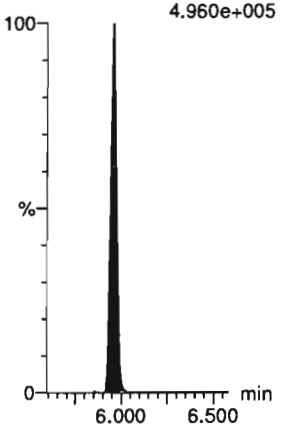
N-EtFOSE



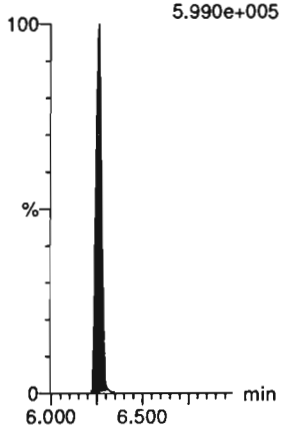
13C3-PFBA-RSD



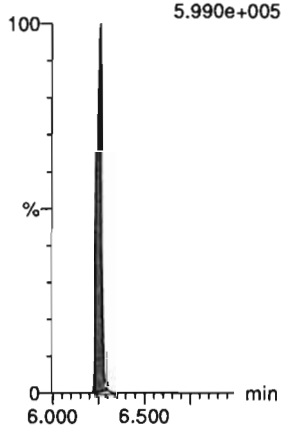
d5-N-ETFOSA-EIS



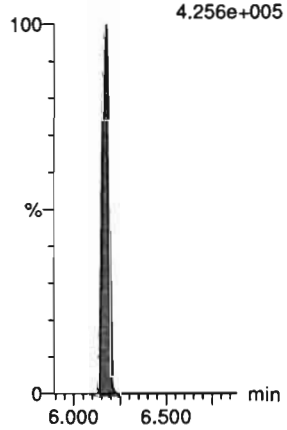
13C2-PFHxDA-EIS



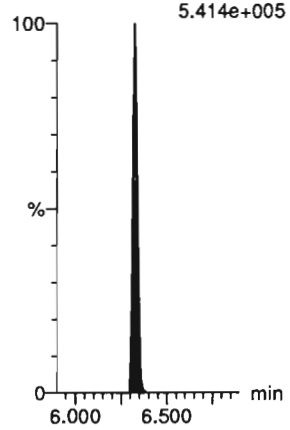
13C2-PFHxDA-EIS



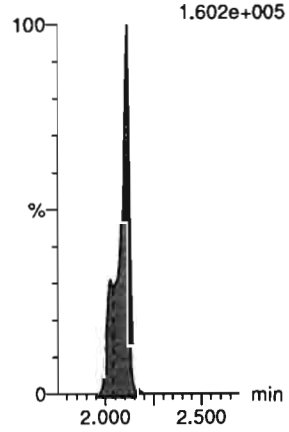
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

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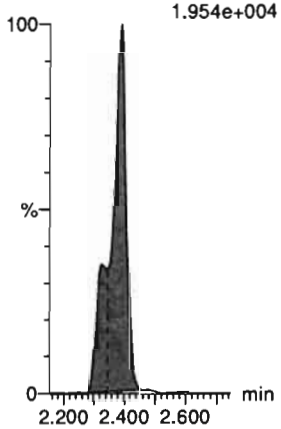
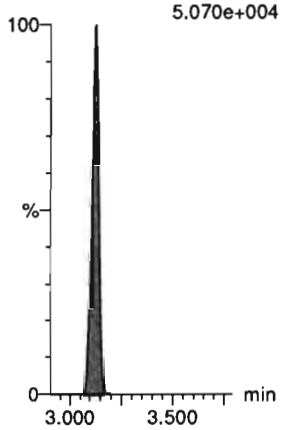
Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

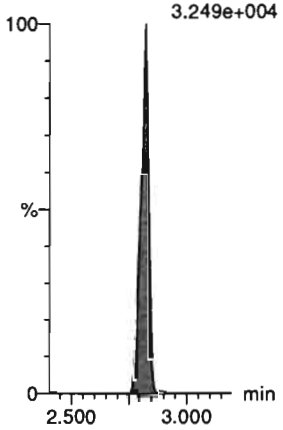
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.954e+004



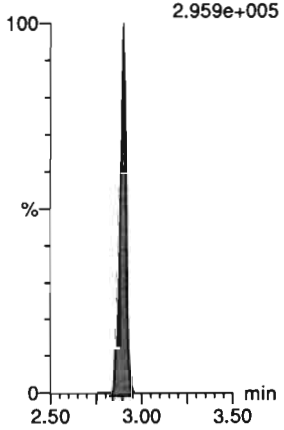
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.070e+004



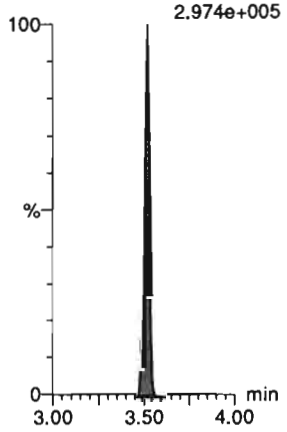
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.249e+004



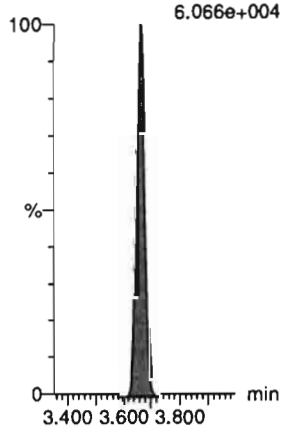
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.959e+005



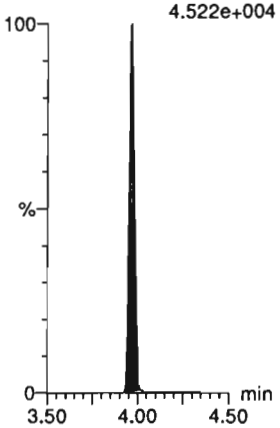
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.974e+005



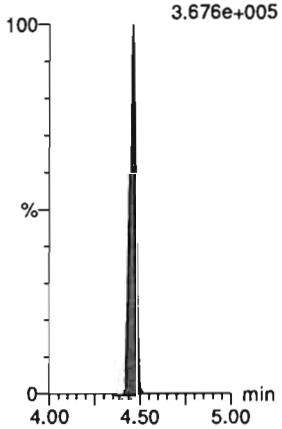
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.066e+004



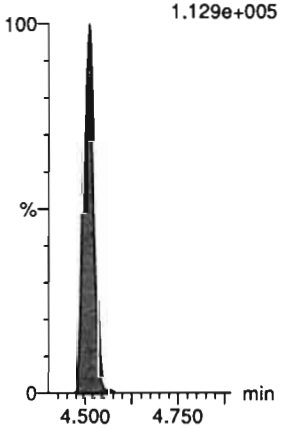
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.522e+004



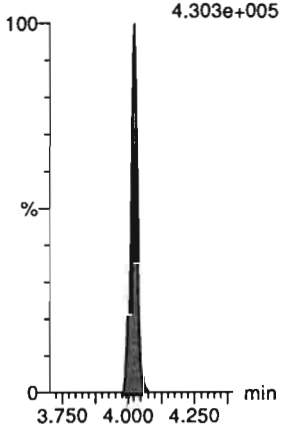
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.676e+005



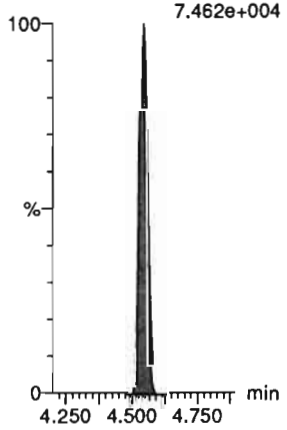
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.129e+005



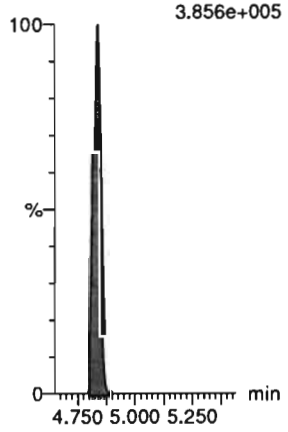
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.303e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.462e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.856e+005



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Last Altered: Wednesday, June 10, 2020 16:36:34 Pacific Daylight Time
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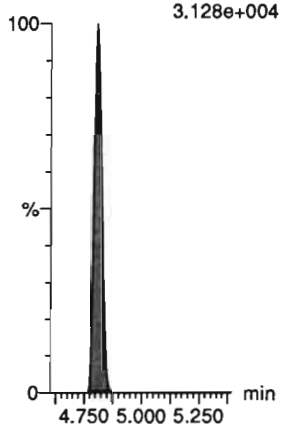
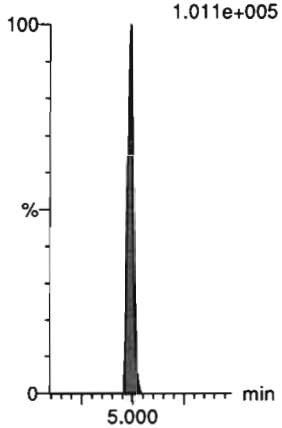
Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

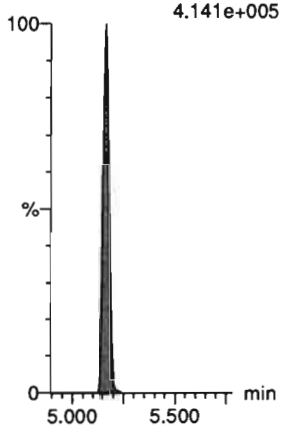
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.128e+004



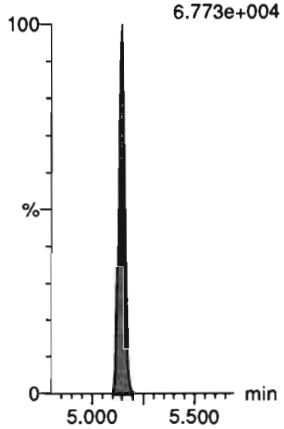
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.011e+005



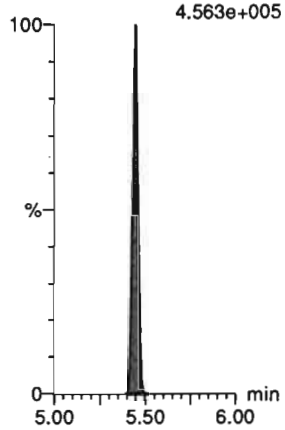
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.141e+005



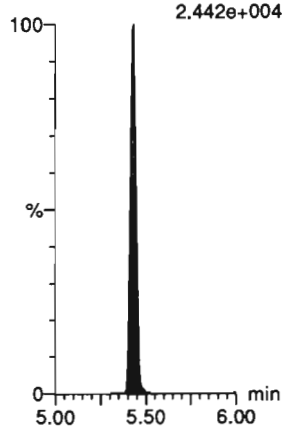
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.773e+004



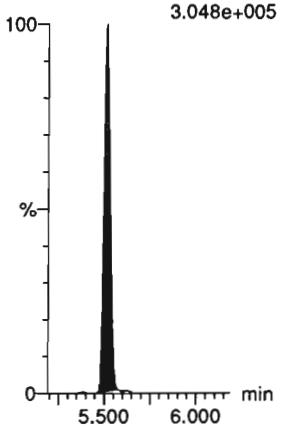
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.563e+005



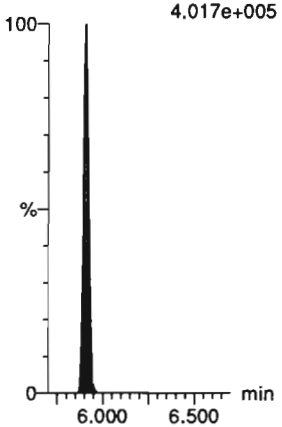
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.442e+004



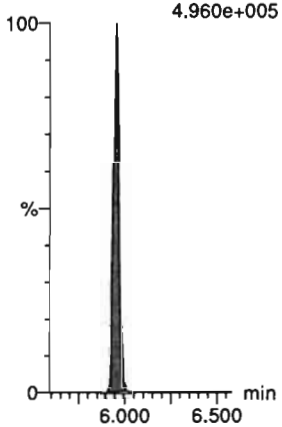
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.048e+005



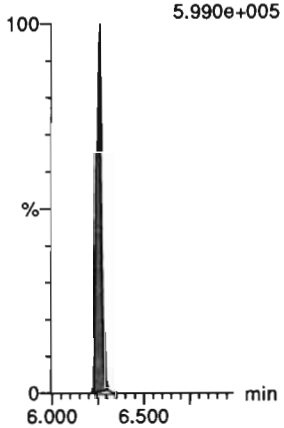
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.017e+005



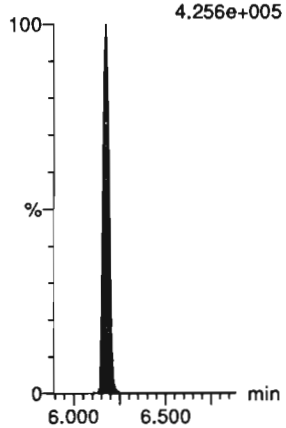
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.960e+005



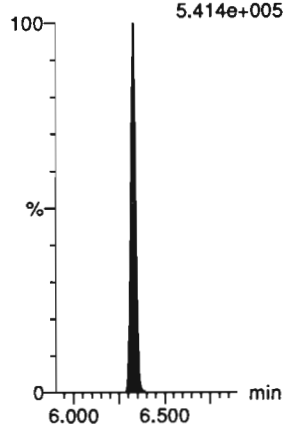
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.990e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.256e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.414e+005



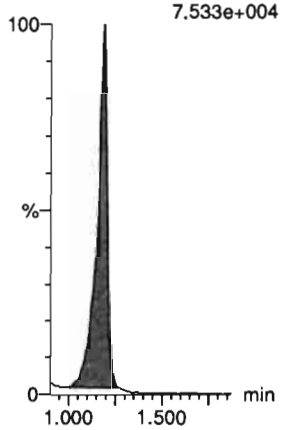
OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-59.qld

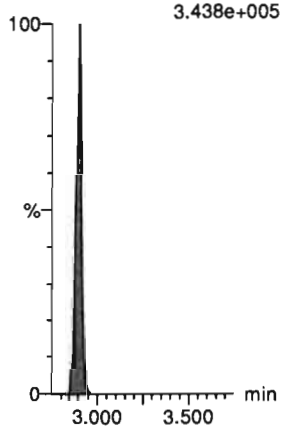
Last Altered: Wednesday, June 10, 2020 16:36:34 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 16:39:21 Pacific Daylight Time

Name: 200609P1-59, Date: 09-Jun-2020, Time: 23:22:56, ID: ST200609P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

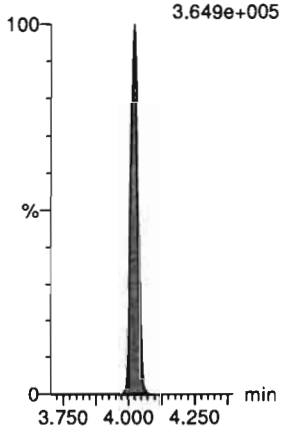
13C4-PFBA



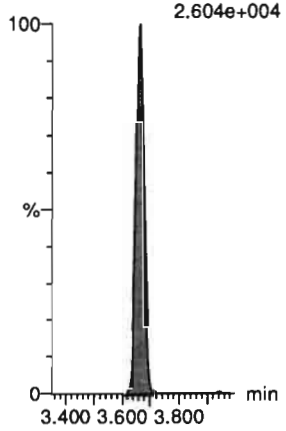
13C5-PFHxA



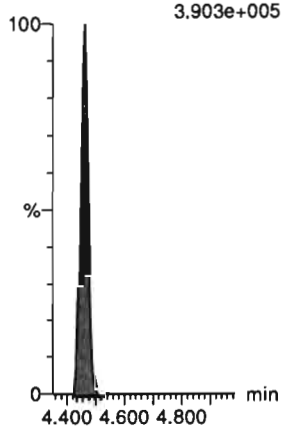
13C8-PFOA



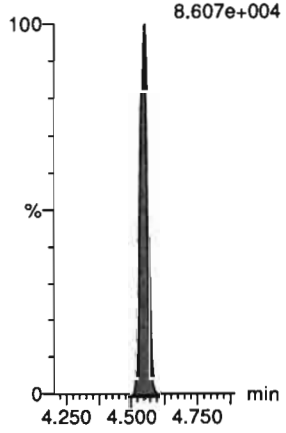
18O2-PFHxS



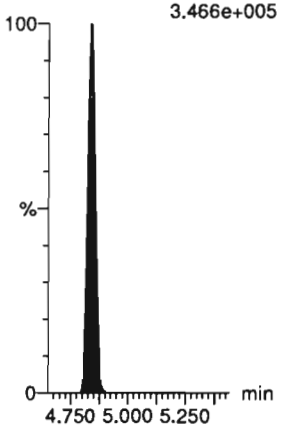
13C9-PFNA



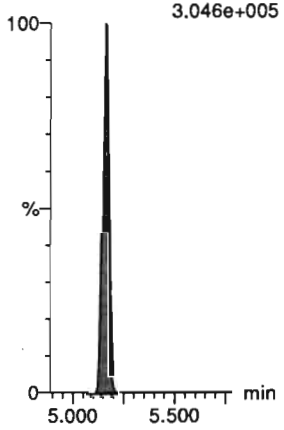
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/10/2020

LC Calibration Standards Review Checklist Q5

		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	N/A
Calibration ID: QT200212P1-12	L M H	☒	☒	☒	☒	☒	☒	☐
Calibration ID: -13	L M H	☒	☒ (A)	☒	☒	☒	☒	☐
Calibration ID: -14	L M H	☒	☒ (A)	☒	☒	☒	☒	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐

MAE

Full Mass Cal. Date: 2020-06-05

Run Log Present: ☒

# of Samples per Sequence Checked: ☒

Instrument Blank Saved ☒

All Branches in Acquisition Window ☒

IIS Area Saved ☐ N/A

Reviewed By: JR 06/15/2020
Initials/Date

Comments:

(A) 7:3 FTCA > 130%.

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

✓ JR 06/15/2020

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4044.325	4780.231	1.00	1.09	10.576	10.000	10.4	104.0	NO		
2	2	PFPrS	249 > 80	854.052	1114.496	1.00	1.40	9.579	10.000	11.4	113.5	NO	3.133	NO
3	3	3:3 FTCA	240.9 > 176.9	1054.787	8744.070	1.00	1.88	1.508	10.000	11.8	117.7	NO	3.068	NO
4	4	PFPeA	263.1 > 218.9	6970.684	8744.070	1.00	2.02	9.965	10.000	11.2	112.0	NO		
5	5	PFBS	299.0 > 80	2371.927	1114.496	1.00	2.31	26.603	10.000	10.2	102.1	NO	2.343	NO
6	6	4:2 FTS	326.9 > 306.9	3345.187	1367.601	1.00	2.75	30.575	10.000	11.1	111.4	NO	11.844	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4780.231		1.00	1.09	4780.231	12.500	14.4	115.5	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1114.496		1.00	2.30	1114.496	12.500	13.6	108.9	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	8744.070		1.00	2.01	8744.070	12.500	13.0	104.1	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	8744.070		1.00	2.01	8744.070	12.500	13.0	104.1	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1114.496		1.00	2.30	1114.496	12.500	13.6	108.9	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1367.601		1.00	2.76	1367.601	12.500	13.3	106.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	10547.992	11627.064	1.00	2.84	11.340	10.000	11.1	111.2	NO	16.893	NO
15	8	PFPeS	349.>80	2041.384	1114.496	1.00	3.06	22.896	10.000	11.4	114.4	NO	2.237	YES
16	9	HFPO-DA	285.1 > 168.9	1740.009	2219.482	1.00	3.07	9.800	10.000	9.79	97.9	NO	2.403	NO
17	10	5:3 FTCA	340.9 > 236.9	2496.126	10222.257	1.00	3.42	3.052	10.000	12.9	128.6	NO	1.695	NO
18	11	PFHpA	363.0 > 319	11529.828	10222.257	1.00	3.48	14.099	10.000	10.9	109.4	NO	40.859	NO
19	12	ADONA	376.8 > 250.9	19860.980	10222.257	1.00	3.59	24.286	10.000	10.5	105.3	NO	3.693	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	11627.064		1.00	2.84	11627.064	12.500	13.1	104.9	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1114.496		1.00	2.30	1114.496	12.500	13.6	108.9	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2219.482		1.00	3.07	2219.482	12.500	13.9	110.9	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	10222.257		1.00	3.48	10222.257	12.500	13.2	105.5	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	10222.257		1.00	3.48	10222.257	12.500	13.2	105.5	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	10222.257		1.00	3.48	10222.257	12.500	13.2	105.5	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2145.486	2354.633	1.00	3.62	11.390	10.000	11.0	109.5	NO	3.358	NO
28	15	6:2 FTS	427.0 > 407	1664.679	1670.030	1.00	3.93	12.460	10.000	10.9	109.4	NO	0.763	NO
29	16	L-PFOA	413 > 369	11642.068	13632.493	1.00	3.99	10.675	10.000	11.0	109.7	NO	3.131	NO
30	18	PFecHS	461 > 381.0	2278.723	13632.493	1.00	4.01	2.089	10.000	11.0	110.2	NO	0.553	NO
31	19	PFHpS	449.0 > 80	1889.754	2589.696	1.00	4.11	9.122	10.000	9.66	96.6	NO	1.844	NO
32	20	7:3 FTCA	440.9 > 336.9	3146.227	12845.761	1.00	4.43	3.062	10.000	12.4	124.2	NO	1.167	NO
33	61	13C3-PFHxS-EIS	402 > 80	2354.633		1.00	3.62	2354.633	12.500	13.1	105.1	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1670.030		1.00	3.93	1670.030	12.500	13.7	109.4	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13632.493		1.00	3.99	13632.493	12.500	13.9	111.2	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13632.493		1.00	3.99	13632.493	12.500	13.9	111.2	NO		

OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2589.696		1.00	4.54	2589.696	12.500	14.6	117.2	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	12845.761		1.00	4.45	12845.761	12.500	14.5	115.8	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	12793.463	12845.761	1.00	4.45	12.449	10.000	10.4	104.2	NO	13.339	NO
41	22	PFOSA	498 > 78	2989.116	5227.050	1.00	4.49	7.148	10.000	10.9	109.5	NO	20.803	NO
42	23	L-PFOS	499 > 80	2590.844	2589.696	1.00	4.54	12.506	10.000	10.3	102.6	NO	2.621	NO
43	25	9Cl-PF30NS	531 > 351	5719.256	2589.696	1.00	4.76	27.606	10.000	10.8	108.2	NO	37.189	NO
44	26	PFDA	513 > 469	11588.648	15452.699	1.00	4.83	9.374	10.000	10.9	108.5	NO	5.189	NO
45	27	8:2 FTS	527.1 > 507	1131.015	1559.826	1.00	4.80	9.064	10.000	11.6	115.8	NO	0.563	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	12845.761		1.00	4.45	12845.761	12.500	14.5	115.8	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5227.050		1.00	4.49	5227.050	12.500	16.5	132.1	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2589.696		1.00	4.54	2589.696	12.500	14.6	117.2	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2589.696		1.00	4.54	2589.696	12.500	14.6	117.2	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	15452.699		1.00	4.83	15452.699	12.500	13.9	110.9	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1559.826		1.00	4.80	1559.826	12.500	13.4	107.4	NO		
52	-1													
53	28	PFNS	549 > 80	2656.168	2589.696	1.00	4.90	12.821	10.000	10.5	105.2	NO	2.520	YES
54	29	L-MeFOSAA	570 > 419	3780.625	3612.590	1.00	4.99	13.081	10.000	11.7	117.3	NO	1.702	NO
55	31	L-EtFOSAA	584 > 419	4723.727	2561.387	1.00	5.15	23.053	10.000	10.3	103.3	NO	1.311	NO
56	33	PFUdA	563.0 > 519	14314.539	15981.185	1.00	5.16	11.196	10.000	11.5	115.3	NO	20.688	NO
57	34	PFDS	599.1 > 80.0	2211.844	2589.696	1.00	5.22	10.676	10.000	10.6	105.7	NO	2.270	YES
58	35	11Cl-PF30UdS	631 > 451	4069.690	19016.150	1.00	5.38	2.675	10.000	11.2	112.1	NO	16.205	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2589.696		1.00	4.54	2589.696	12.500	14.6	117.2	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3612.590		1.00	4.98	3612.590	12.500	12.5	99.7	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2561.387		1.00	5.15	2561.387	12.500	13.1	105.0	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	15981.185		1.00	5.16	15981.185	12.500	13.2	105.7	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2589.696		1.00	4.54	2589.696	12.500	14.6	117.2	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	19016.150		1.00	5.46	19016.150	12.500	14.0	112.4	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1805.868	1111.839	1.00	5.44	20.303	10.000	10.6	106.3	NO	1.010	NO
67	37	PFDoA	612.9 > 569.0	15041.147	19016.150	1.00	5.46	9.887	10.000	11.1	111.2	NO	10.132	NO
68	38	N-MeFOSA	512.1 > 168.9	6347.286	14685.945	1.00	5.45	64.484	50.000	54.6	109.3	NO	1.954	NO
69	39	PFTrDA	662.9 > 618.9	14668.782	19016.150	1.00	5.71	9.642	10.000	10.8	107.6	NO	160.948	NO
70	40	PFDoS	699 > 80	2695.467	16203.344	1.00	5.74	2.079	10.000	10.7	106.8	NO	2.255	NO
71	41	PFTeDA	713.0 > 669.0	9158.159	16203.344	1.00	5.93	7.065	10.000	11.2	111.9	NO	13.266	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1111.839		1.00	5.43	1111.839	12.500	13.0	104.0	NO		

OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	19016.150		1.00	5.46	19016.150	12.500	14.0	112.4	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	14685.945		1.00	5.49	14685.945	149.200	193	129.2	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	19016.150		1.00	5.46	19016.150	12.500	14.0	112.4	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	16203.344		1.00	5.93	16203.344	12.500	14.6	116.6	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	16203.344		1.00	5.93	16203.344	12.500	14.6	116.6	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	8818.447	21006.615	1.00	5.94	62.633	50.000	55.7	111.4	NO	1.906	NO
80	43	PFHxDA	813 > 769	17082.971	22210.783	1.00	6.29	9.614	10.000	11.5	114.5	NO	29.284	NO
81	44	PFODA	913.1 > 868.8	13869.048	22210.783	1.00	6.54	7.805	10.000	11.0	110.2	NO		
82	45	N-MeFOSE	616.1 > 58.9	8037.268	20520.080	1.00	6.23	58.438	50.000	52.8	105.7	NO		
83	46	N-EtFOSE	630.1 > 58.9	8251.793	21849.225	1.00	6.38	56.348	50.000	52.7	105.5	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4780.231	5241.430	1.00	1.09	11.400	12.500	12.5	99.9	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	21006.615		1.00	5.96	21006.615	149.200	178	119.3	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	22210.783		1.00	6.29	22210.783	12.500	13.1	104.7	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	22210.783		1.00	6.29	22210.783	12.500	13.1	104.7	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	20520.080		1.00	6.22	20520.080	149.200	173	116.2	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	21849.225		1.00	6.37	21849.225	149.200	187	125.1	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	8769.347	13097.830	1.00	2.01	8.369	12.500	11.8	94.5	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1114.496	1019.872	1.00	2.30	13.660	12.500	11.4	91.3	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2219.482	13097.830	1.00	3.07	2.118	12.500	12.2	97.8	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1367.601	1019.872	1.00	2.76	16.762	12.500	11.5	92.1	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	11627.064	13097.830	1.00	2.84	11.096	12.500	12.2	97.9	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	10222.257	13097.830	1.00	3.48	9.756	12.500	12.1	97.2	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2354.633	1019.872	1.00	3.62	28.859	12.500	11.3	90.0	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1670.030	2925.307	1.00	3.93	7.136	12.500	11.8	94.7	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	12845.761	13007.654	1.00	4.45	12.344	12.500	12.9	103.3	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5227.050	12378.364	1.00	4.49	5.278	12.500	14.2	113.9	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	13632.493	11567.187	1.00	3.99	14.732	12.500	12.3	98.1	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2589.696	2925.307	1.00	4.54	11.066	12.500	12.9	103.3	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	15452.699	13578.694	1.00	4.83	14.225	12.500	12.0	95.7	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1559.826	2925.307	1.00	4.80	6.665	12.500	11.4	91.2	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	3612.590	12378.364	1.00	4.98	3.648	12.500	11.1	88.6	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	15981.185	12378.364	1.00	5.16	16.138	12.500	11.4	91.5	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	2561.387	12378.364	1.00	5.15	2.587	12.500	12.1	96.4	NO		

OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

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Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	19016.150	13578.694	1.00	5.46	17.506	12.500	11.9	95.6	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1102.010	2925.307	1.00	5.43	4.709	12.500	11.7	94.0	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	14685.945	12378.364	1.00	5.49	14.830	149.200	161	107.7	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	16203.344	12378.364	1.00	5.93	16.363	12.500	12.4	99.3	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	21006.615	12378.364	1.00	5.96	21.213	149.200	151	101.2	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	22210.783	12378.364	1.00	6.29	22.429	12.500	11.3	90.2	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	20520.080	12378.364	1.00	6.22	20.722	149.200	152	101.9	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	21849.225	12378.364	1.00	6.37	22.064	149.200	153	102.8	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5241.430	5241.430	1.00	1.09	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	13097.830	13097.830	1.00	2.84	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	11567.187	11567.187	1.00	3.99	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1019.872	1019.872	1.00	3.62	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	13007.654	13007.654	1.00	4.45	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	2925.307	2925.307	1.00	4.54	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	13578.694	13578.694	1.00	4.83	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	12378.364	12378.364	1.00	5.16	12.500	12.500	12.5	100.0	NO		

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Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, June 15, 2020 08:28:46 Pacific Daylight Time
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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200612P1-1	IPA	12-Jun-20	08:37:17
2	2	200612P1-2	TEST	12-Jun-20	08:47:51
3	3	200612P1-3	IPA	12-Jun-20	08:58:20
4	4	200612P1-4	IPA	12-Jun-20	09:08:52
5	5	200612P1-5	ST200612P1-1 PFC CS-2 20E2701	12-Jun-20	09:19:21
6	6	200612P1-6	ST200612P1-2 PFC CS-1 20E2702	12-Jun-20	09:29:50
7	7	200612P1-7	ST200612P1-3 PFC CS0 20F0201	12-Jun-20	09:40:22
8	8	200612P1-8	ST200612P1-4 PFC CS1 20E2704	12-Jun-20	09:50:53
9	9	200612P1-9	ST200612P1-5 PFC CS2 20E2705	12-Jun-20	10:01:23
10	10	200612P1-10	ST200612P1-6 PFC CS3 20E2706	12-Jun-20	10:11:52
11	11	200612P1-11	ST200612P1-7 PFC CS4 20F0303	12-Jun-20	10:22:24
12	12	200612P1-12	ST200612P1-8 PFC CS5 20E2708	12-Jun-20	10:32:53
13	13	200612P1-13	ST200612P1-9 PFC CS6 20E2709	12-Jun-20	10:43:24
14	14	200612P1-14	ST200612P1-10 PFC CS7 20E2710	12-Jun-20	10:53:54
15	15	200612P1-15	IB	12-Jun-20	11:04:23
16	16	200612P1-16	ICV200612P1-1 PFC ICV 20E2711	12-Jun-20	11:46:20
17	17	200612P1-17	IB	12-Jun-20	11:57:03
18	18	200612P1-18	B0F0025-BS1 OPR 0.25	12-Jun-20	12:07:33
19	19	200612P1-19	2001202-01 TS-LW02-20200603 0.25638	12-Jun-20	12:18:04
20	20	200612P1-20	2001202-02 TN-LW03-20200603 0.25316	12-Jun-20	12:28:35
21	21	200612P1-21	2001202-03 TN-LW04-20200604 0.24573	12-Jun-20	12:39:04
22	22	200612P1-22	IB	12-Jun-20	12:49:36
23	23	200612P1-23	ST200612P1-11 PFC CS3 20E2706	12-Jun-20	13:00:05
24	24	200612P1-24	IB	12-Jun-20	13:10:36
25	25	200612P1-25	2001121-17 Field Blank 0.24793	12-Jun-20	13:25:18
26	26	200612P1-26	B0F0065-BLK1 Method Blank 0.125	12-Jun-20	13:35:46
27	27	200612P1-27	B0F0065-BS1 OPR 0.125	12-Jun-20	13:46:18
28	28	200612P1-28	B0F0065-BSD1 LCSD 0.125	12-Jun-20	13:56:48
29	29	200612P1-29	2001215-01 DPH-SW3 0.11958	12-Jun-20	14:07:17
30	30	200612P1-30	2001216-01 DPH-SW4 0.12026	12-Jun-20	14:17:49
31	31	200612P1-31	2001216-02 DPH-SW1 0.12314	12-Jun-20	14:28:20
32	32	200612P1-32	2001216-03 DPH-MW19 0.12055	12-Jun-20	14:38:47

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Dataset: Untitled

Last Altered: Monday, June 15, 2020 08:28:46 Pacific Daylight Time
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Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
33	33	200612P1-33	2001216-04 DPH-MW18 0.12391	12-Jun-20	14:49:18
34	34	200612P1-34	B0F0028-BLK1 Method Blank 0.25	12-Jun-20	14:59:50
35	35	200612P1-35	B0F0028-BS1 OPR 0.25	12-Jun-20	15:10:20
36	36	200612P1-36	B0F0028-BSD1 LCSD 0.25	12-Jun-20	15:20:49
37	37	200612P1-37	2001195-03 FB-1-06032020 0.26333	12-Jun-20	15:31:21
38	38	200612P1-38	2001195-04 FB-1-06032020 0.25559	12-Jun-20	15:41:50
39	39	200612P1-39	B0F0060-BLK1 Method Blank 0.125	12-Jun-20	15:52:21
40	40	200612P1-40	B0F0060-BS1 OPR 0.125	12-Jun-20	16:02:52
41	41	200612P1-41	B0F0060-BSD1 LCSD 0.125	12-Jun-20	16:17:50
42	42	200612P1-42	2001213-01 DPH-MW8 0.11841	12-Jun-20	16:28:19
43	43	200612P1-43	2001213-02 DPH-MW12S 0.1149	12-Jun-20	16:38:50
44	44	200612P1-44	2001213-03 DPH-MW12D 0.1173	12-Jun-20	16:49:19
45	45	200612P1-45	2001213-04 DPH-5 0.11737	12-Jun-20	16:59:50
46	46	200612P1-46	2001213-05 DPH-MW13 0.11477	12-Jun-20	17:10:21
47	47	200612P1-47	IB	12-Jun-20	17:20:49
48	48	200612P1-48	ST200612P1-12 PFC CS3 20E2706	12-Jun-20	17:31:21
49	49	200612P1-49	IB	12-Jun-20	17:41:50
50	50	200612P1-50	B0F0024-BLK1 Method Blank 1	12-Jun-20	17:52:22
51	51	200612P1-51	B0F0024-BS1 OPR 1	12-Jun-20	18:02:52
52	52	200612P1-52	B0F0024-MS1 Matrix Spike 1.2	12-Jun-20	18:13:21
53	53	200612P1-53	B0F0024-MSD1 Matrix Spike Dup 1.18	12-Jun-20	18:23:51
54	54	200612P1-54	2001178-01 DRUM-20-01 1.18	12-Jun-20	18:34:23
55	55	200612P1-55	B0F0020-BLK1 Method Blank 1	12-Jun-20	18:44:53
56	56	200612P1-56	B0F0020-BS1 OPR 1	12-Jun-20	18:55:24
57	57	200612P1-57	B0F0020-MS1 Matrix Spike 1.12	12-Jun-20	19:05:53
58	58	200612P1-58	B0F0020-MSD1 Matrix Spike Dup 1.12	12-Jun-20	19:16:22
59	59	200612P1-59	2001096-01 Compost PT 1 1.16	12-Jun-20	19:26:54
60	60	200612P1-60	2001096-02 Compost PT 2 1.11	12-Jun-20	19:37:25
61	61	200612P1-61	B0F0066-BS1 OPR 0.125	12-Jun-20	19:47:55
62	62	200612P1-62	B0F0066-BSD1 LCSD 0.125	12-Jun-20	19:58:25
63	63	200612P1-63	B0F0077-BLK1 Method Blank 0.125	12-Jun-20	20:08:54
64	64	200612P1-64	B0F0077-BS1 OPR 0.125	12-Jun-20	20:19:26
65	65	200612P1-65	2001150-05RE1 GW-FPC-5B 0.11757	12-Jun-20	20:29:55
66	66	200612P1-66	B0F0026-BLK1 Method Blank 0.25	12-Jun-20	20:40:26
67	67	200612P1-67	B0F0026-BS1 OPR 0.25	12-Jun-20	20:50:56
68	68	200612P1-68	B0F0026-MS1 Matrix Spike 0.23877	12-Jun-20	21:01:27

Dataset: Untitled

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Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
69	69	200612P1-69	B0F0026-MSD1 Matrix Spike Dup 0.2422	12-Jun-20	21:11:56
70	70	200612P1-70	IB	12-Jun-20	21:22:28
71	71	200612P1-71	2001191-01 LLESS3 0.24966	12-Jun-20	21:32:57
72	72	200612P1-72	2001191-02 BBSS-1 0.25293	12-Jun-20	21:43:29
73	73	200612P1-73	IB	12-Jun-20	21:53:57
74	74	200612P1-74	2001191-03 SSMW35 0.24288	12-Jun-20	22:04:29
75	75	200612P1-75	2001191-04 RCCB-1 0.25422	12-Jun-20	22:14:58
76	76	200612P1-76	2001191-05 RCV OUT-5 0.23809	12-Jun-20	22:25:29
77	77	200612P1-77	2001191-06 RCV IN-5 0.2458	12-Jun-20	22:35:58
78	78	200612P1-78	IB	12-Jun-20	22:46:31
79	79	200612P1-79	ST200612P1-13 PFC CS3 20E2706	12-Jun-20	22:57:00
80	80	200612P1-80	IB	12-Jun-20	23:07:31
81	81	200612P1-81	2001191-07 DTSS-1 0.24449	12-Jun-20	23:17:59
82	82	200612P1-82	IB	12-Jun-20	23:28:31
83	83	200612P1-83	2001191-08 V1 0.2349	12-Jun-20	23:39:02
84	84	200612P1-84	2001191-09 BMSS-4 0.24474	12-Jun-20	23:49:30
85	85	200612P1-85	2001191-10 SFCB-1 0.24076	13-Jun-20	00:00:00
86	86	200612P1-86	IB	13-Jun-20	00:10:32
87	87	200612P1-87	2001191-11 RCCB-2 0.24734	13-Jun-20	00:21:03
88	88	200612P1-88	2001191-12 SFCB-2 0.24646	13-Jun-20	00:31:32
89	89	200612P1-89	2001191-13 BD-05 0.24532	13-Jun-20	00:42:04
90	90	200612P1-90	2001173-02 WMP2005271150JSJ 0.23813	13-Jun-20	00:52:33
91	91	200612P1-91	IB	13-Jun-20	01:03:04
92	92	200612P1-92	ST200612P1-14 PFC CS3 20E2706	13-Jun-20	01:13:34
93	93	200612P1-93	IB	13-Jun-20	01:24:05
94	94	200612P1-94	PFC OPR QC NEW NS SUP	13-Jun-20	01:34:34
95	95	200612P1-95	PFC BLK QC NW IS SUP	13-Jun-20	01:45:06

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

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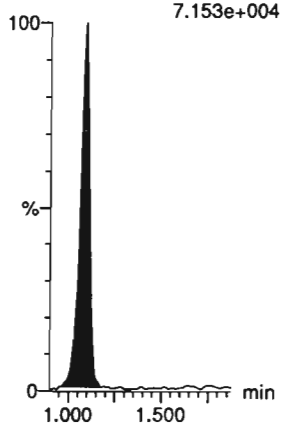
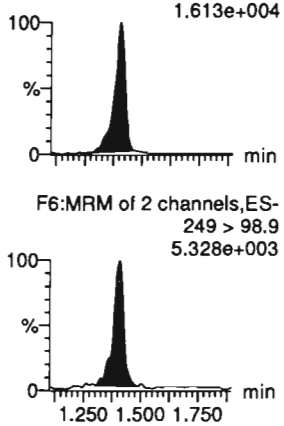
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

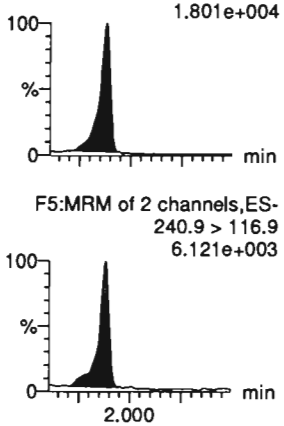
PFBA



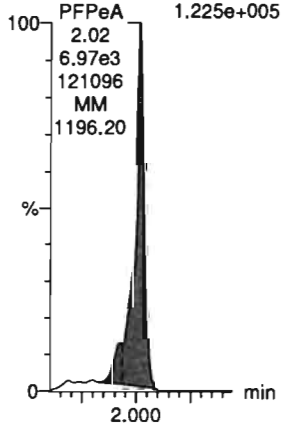
PFPrS



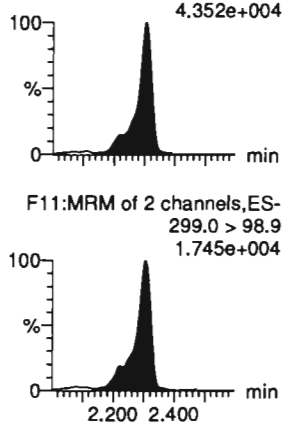
3:3 FTCA



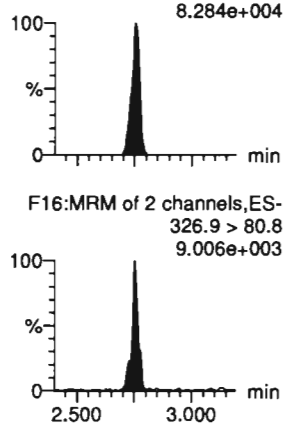
PFPeA



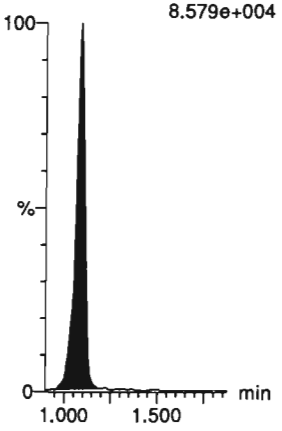
PFBS



4:2 FTS



13C3-PFBA-EIS



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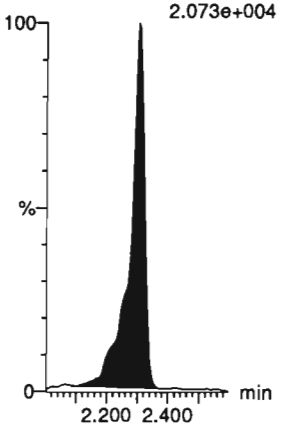

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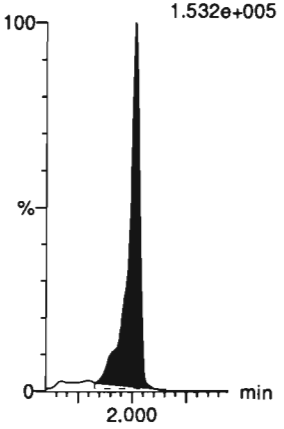

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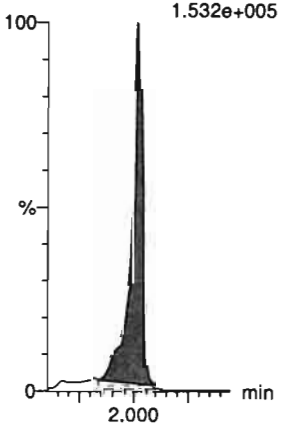

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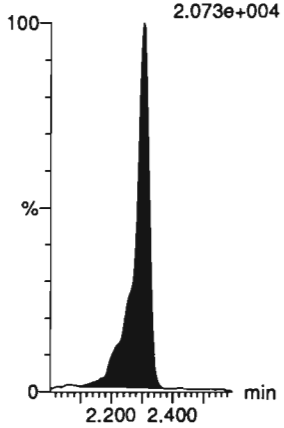
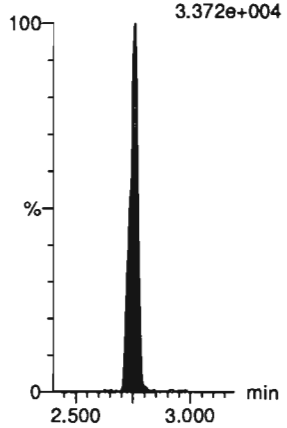


13C2-4:2 FTS-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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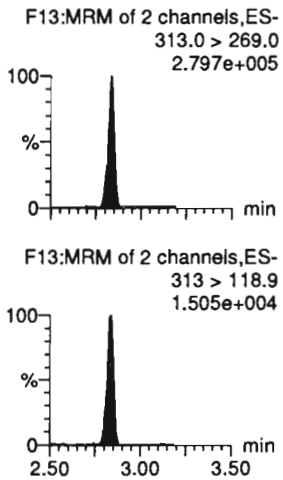

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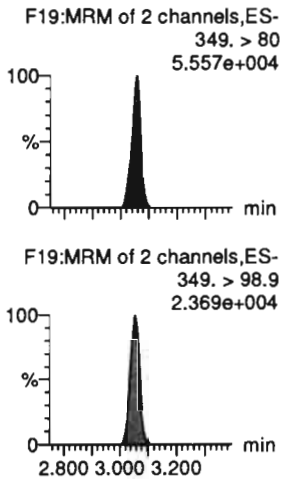

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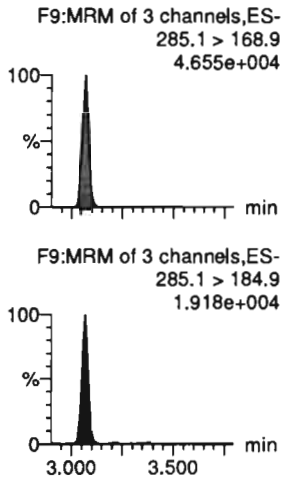
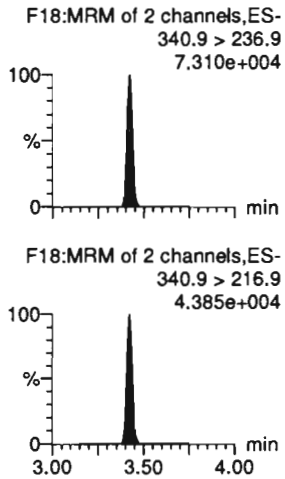


5:3 FTCA



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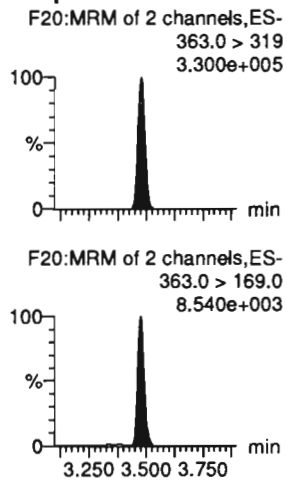

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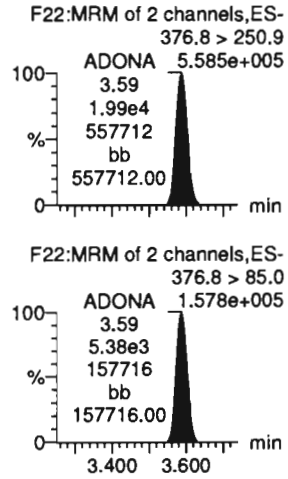
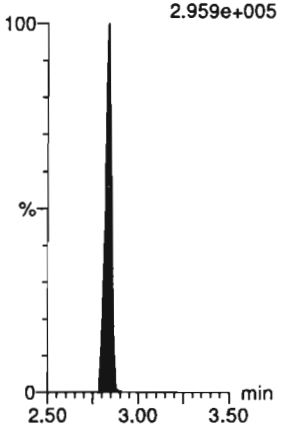


13C2-PFHxA-EIS



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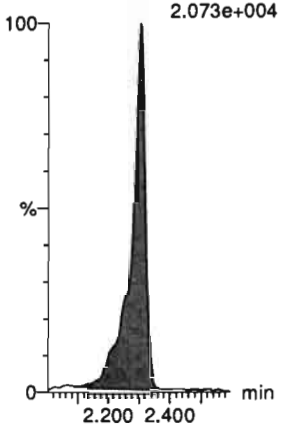
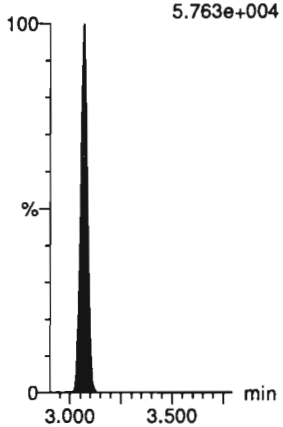


13C3-HFPO-DA-EIS



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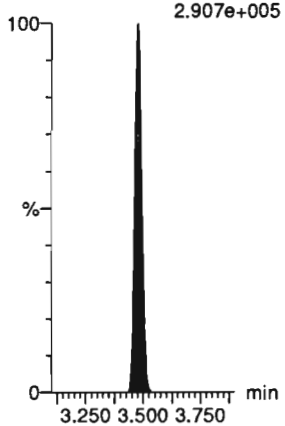

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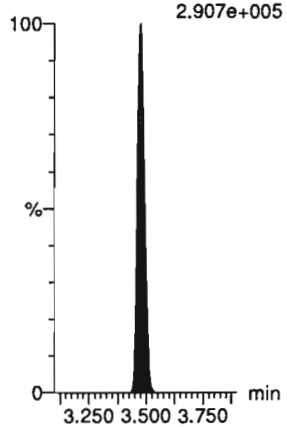

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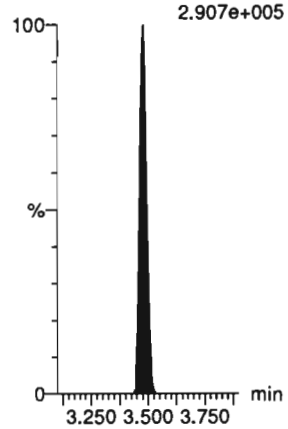

OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

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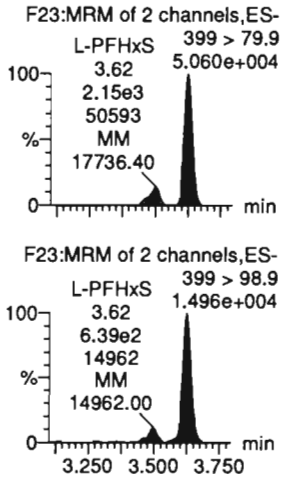
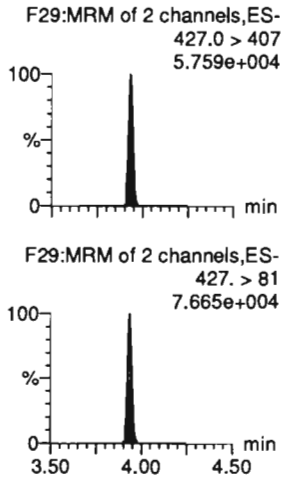
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

L-PFHxS



6:2 FTS



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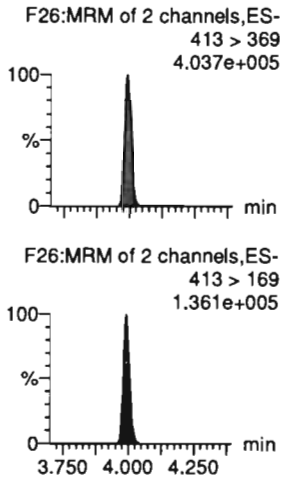

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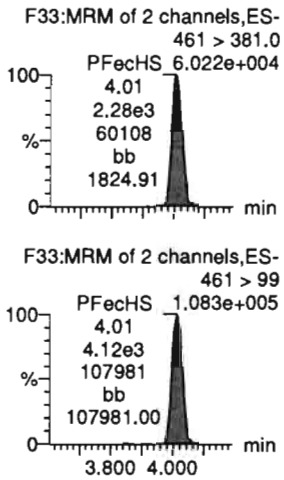

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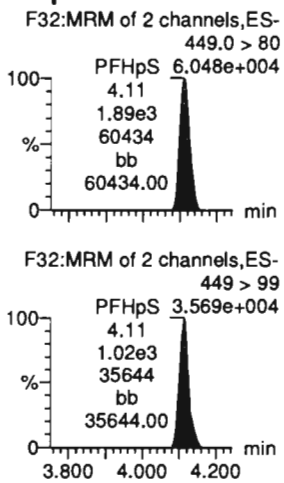
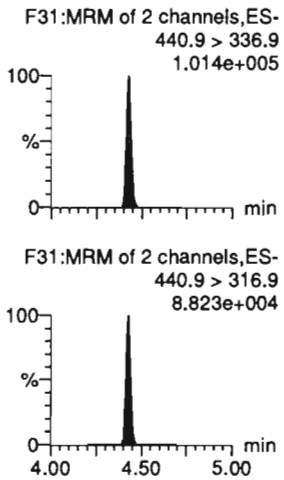


7:3 FTCA



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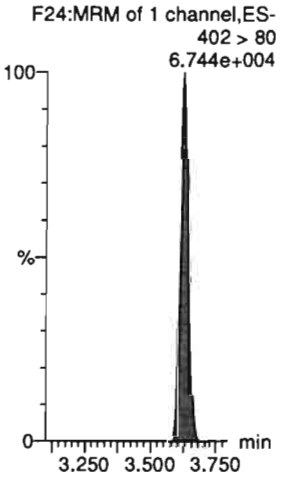
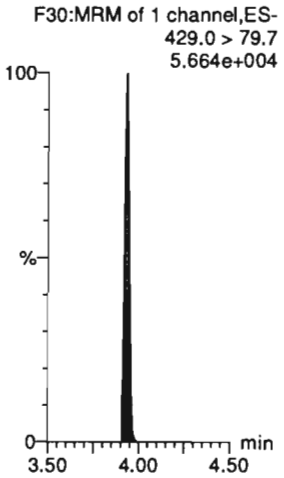


13C2-6:2 FTS-EIS



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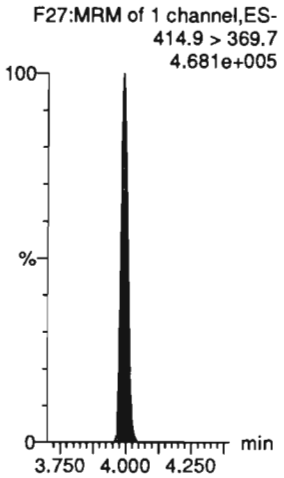

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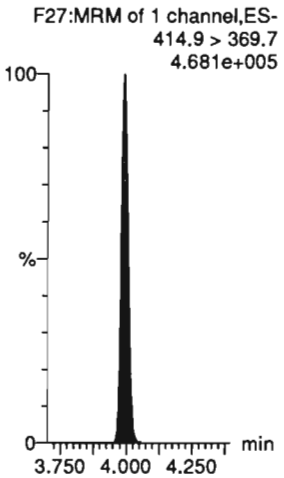

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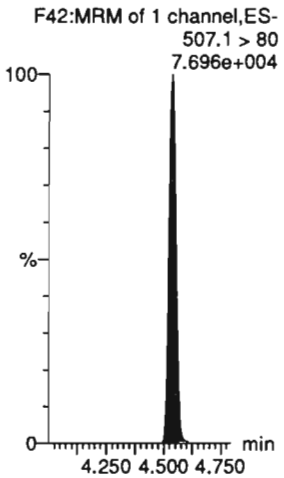
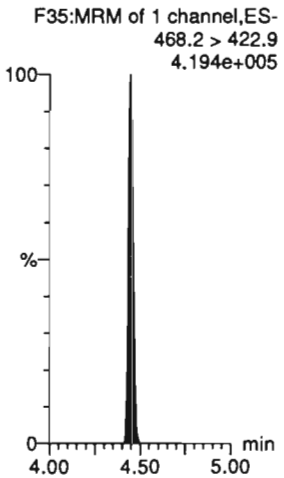


13C5-PFNA-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

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Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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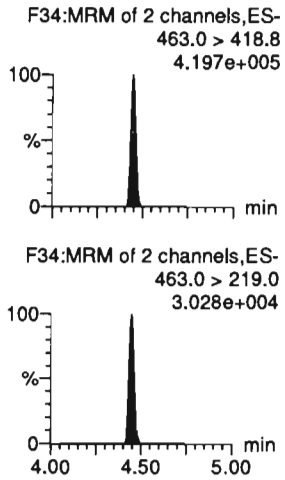

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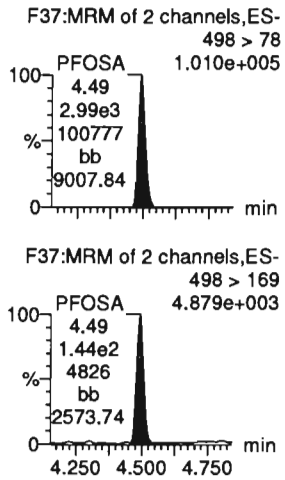
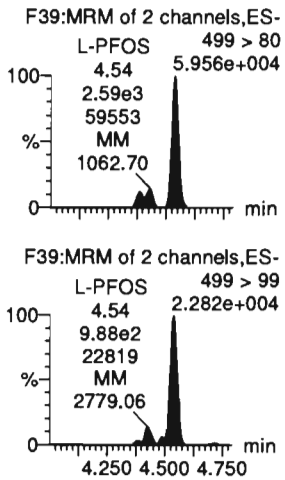


L-PFOS



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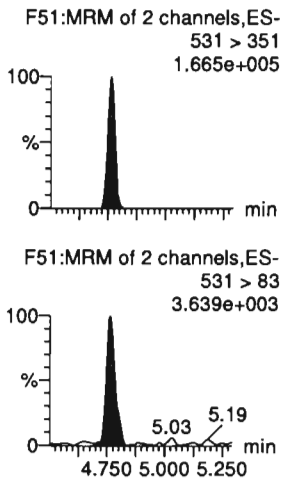

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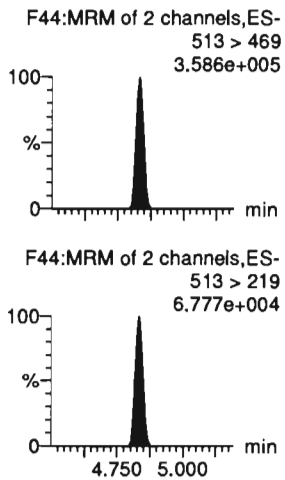
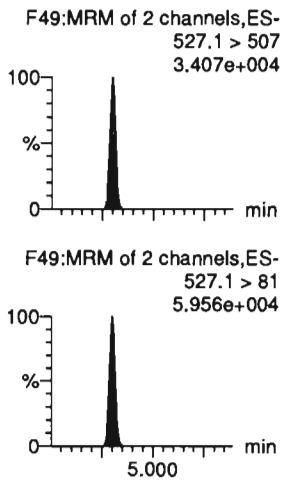


8:2 FTS



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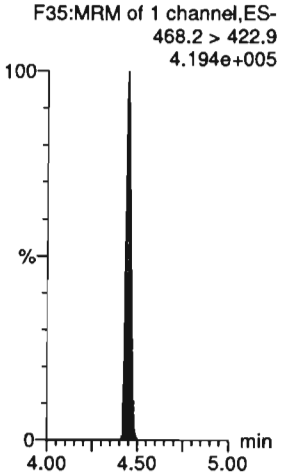

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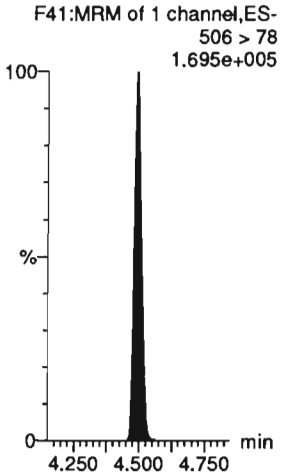

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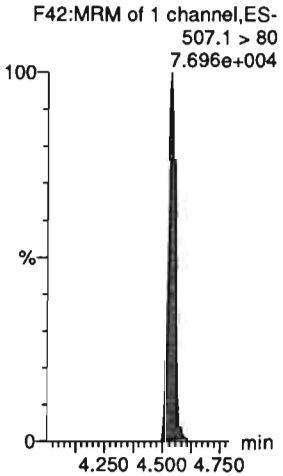

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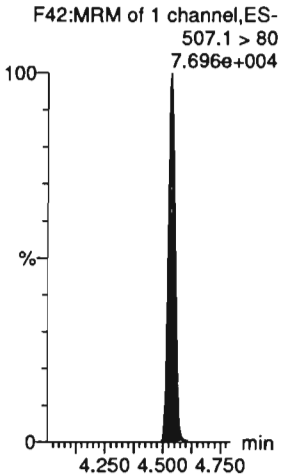

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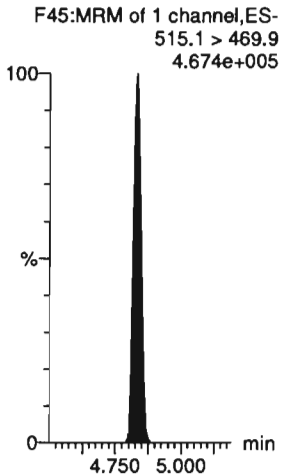
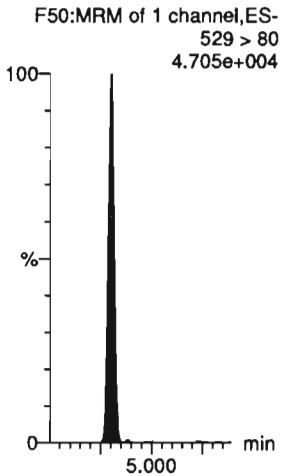


13C2-8:2 FTS-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
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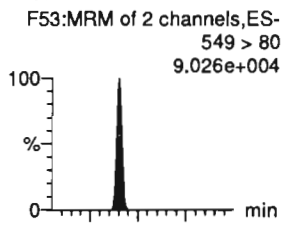
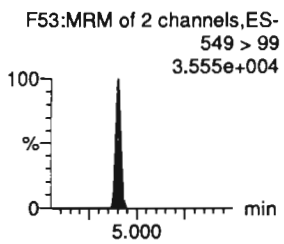
Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNS





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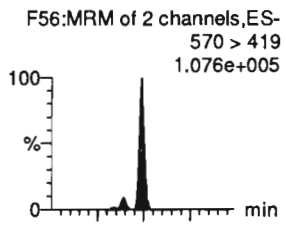
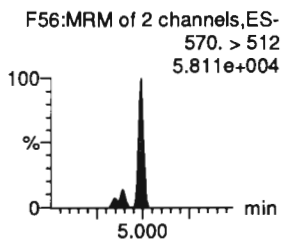
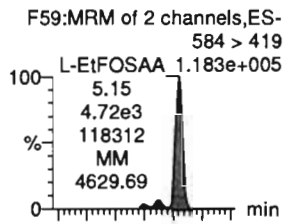
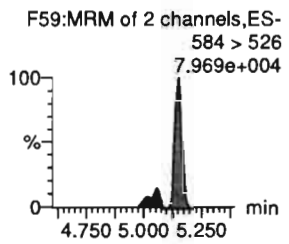




L-EtFOSAA





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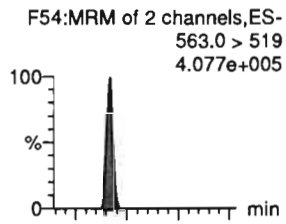

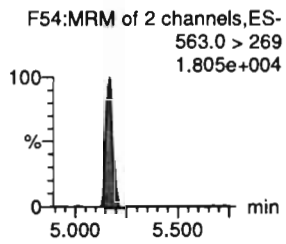

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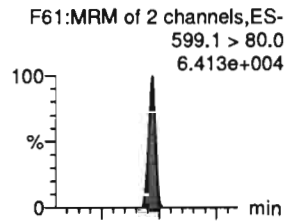
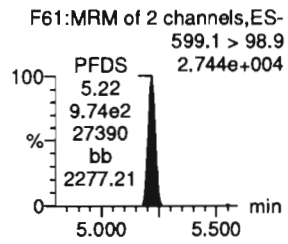
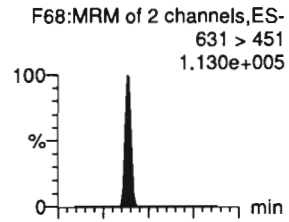
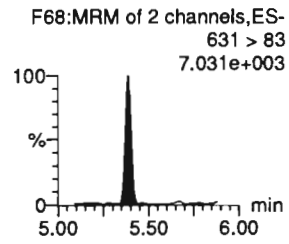


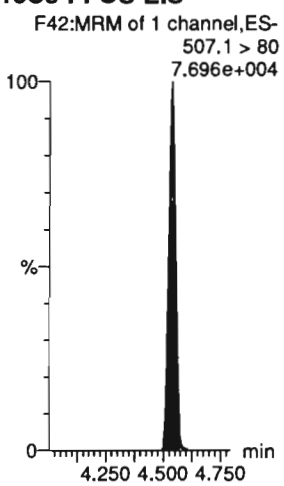


11Cl-PF30UdS

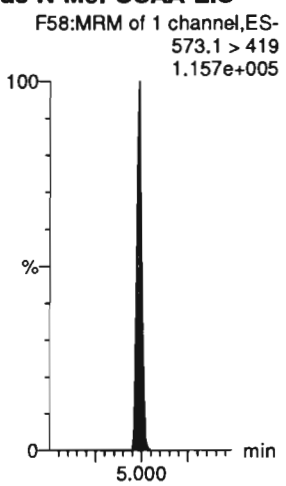




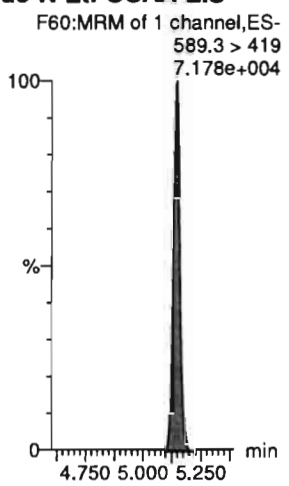
13C8-PFOS-EIS



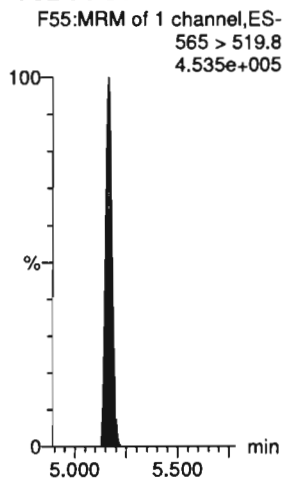
d3-N-MeFOSAA-EIS



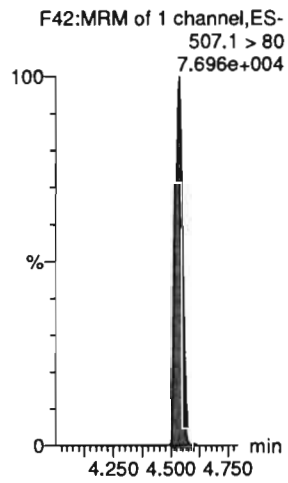
d5-N-EtFOSAA-EIS



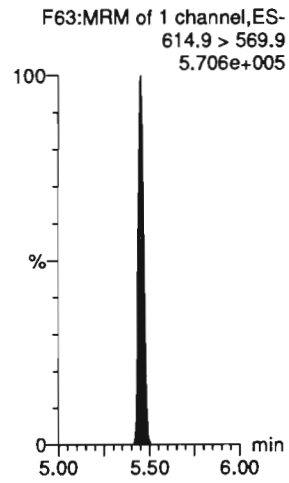
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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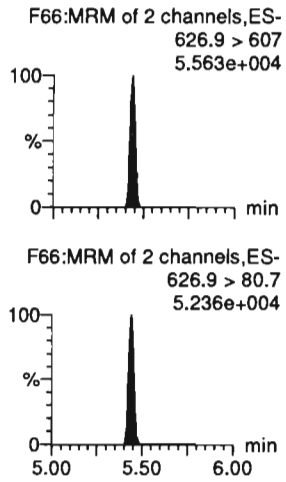
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

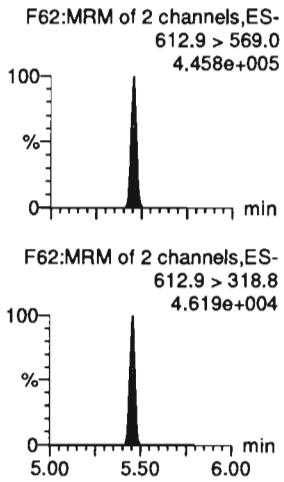
Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

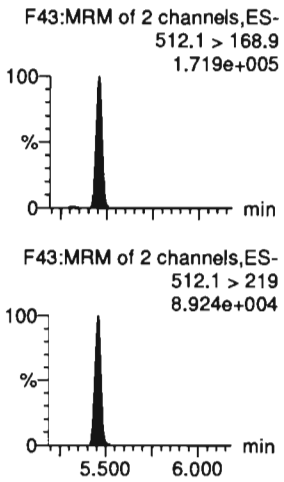
10:2 FTS



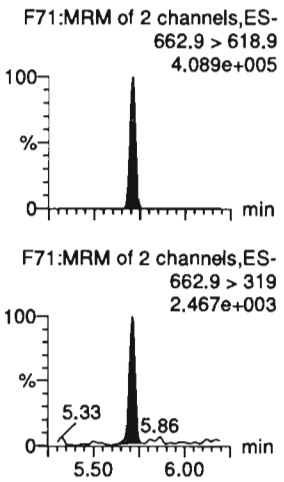
PFDoA



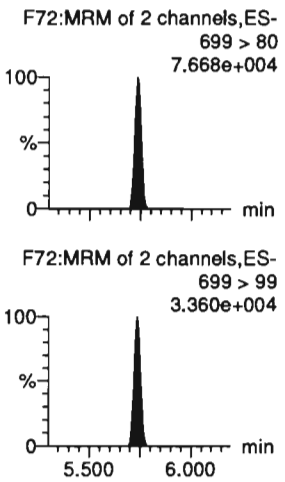
N-MeFOSA



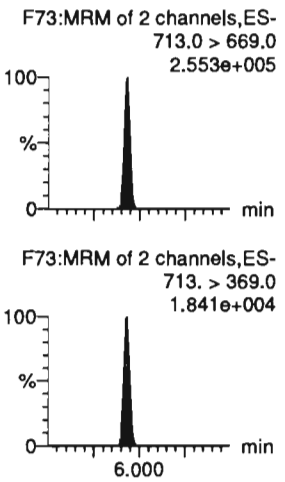
PFTrDA



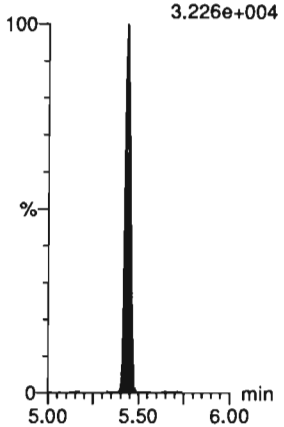
PFDoS



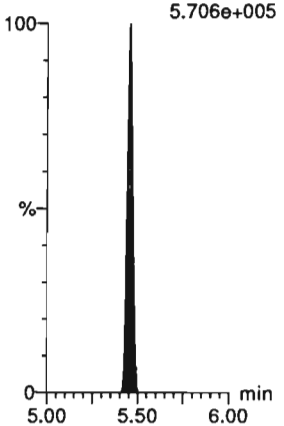
PFTeDA



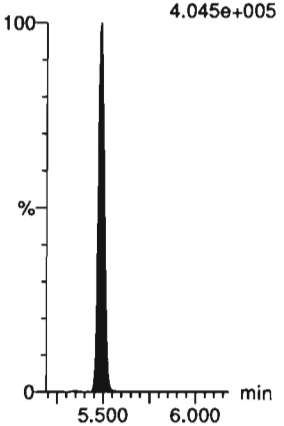
13C2-10:2 FTS-EIS



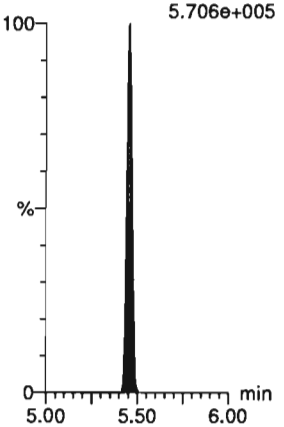
13C2-PFDoA-EIS



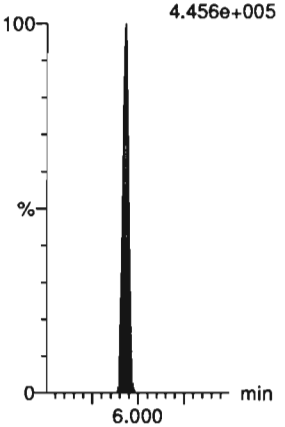
d3-N-MeFOSA-EIS



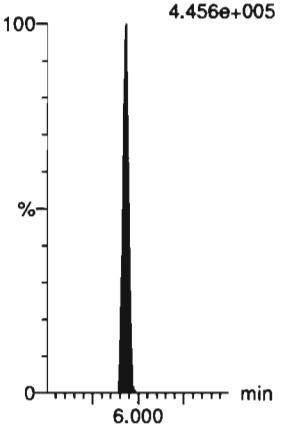
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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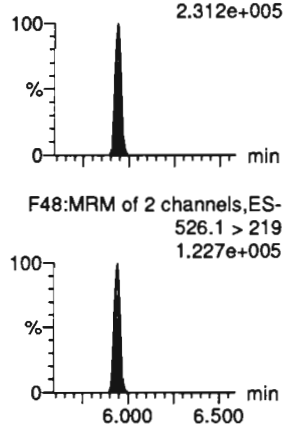
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

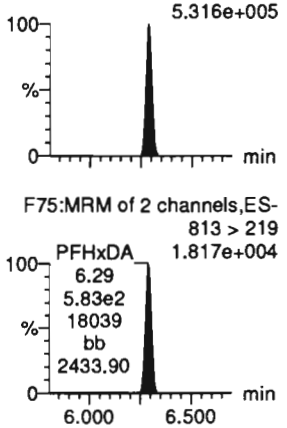
Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

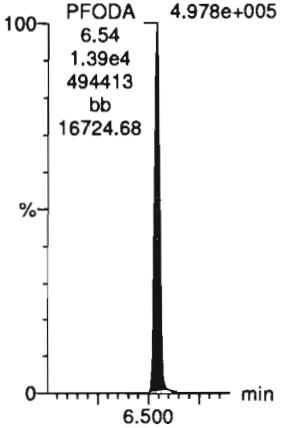
N-EtFOSA



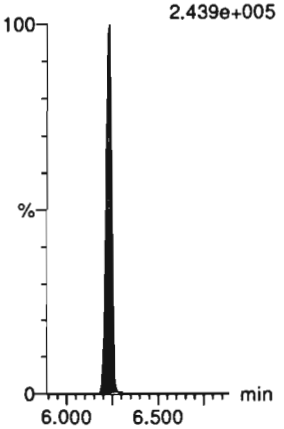
PFHxDA



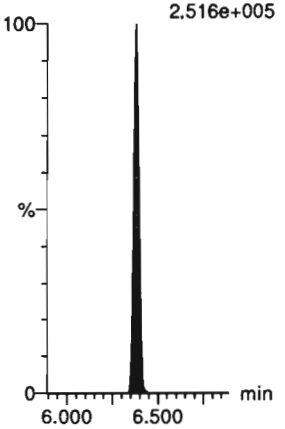
PFODA



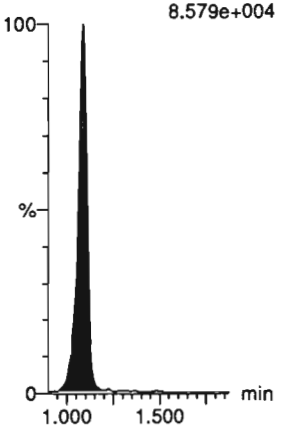
N-MeFOSE



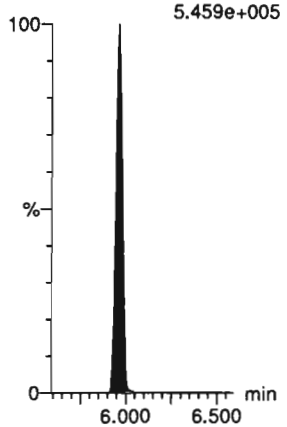
N-EtFOSE



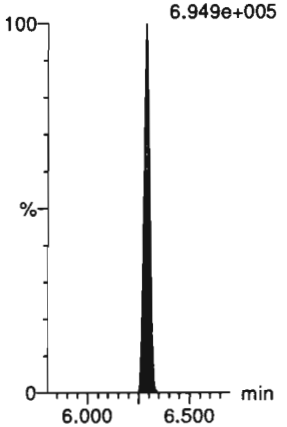
13C3-PFBA-RSD



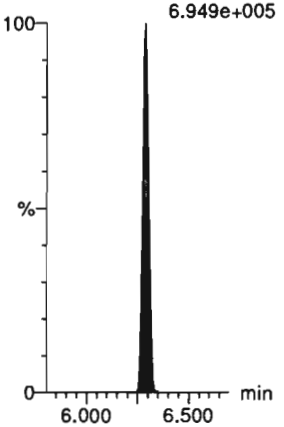
d5-N-ETFOSA-EIS



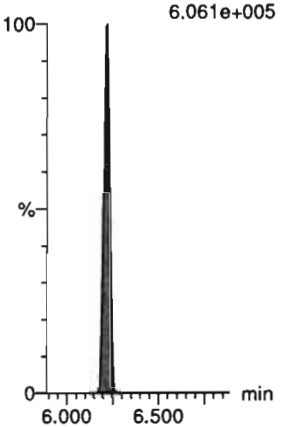
13C2-PFHxDA-EIS



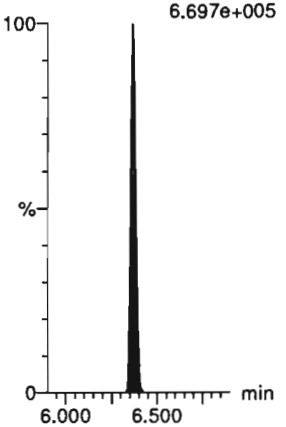
13C2-PFHxDA-EIS



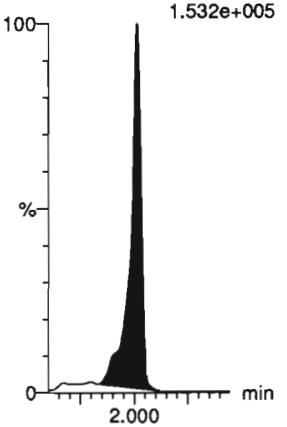
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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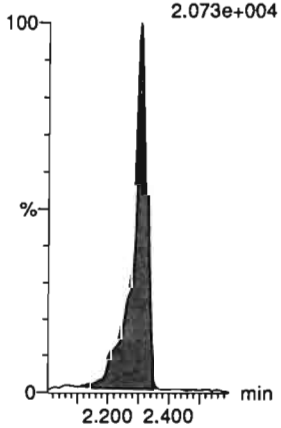
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

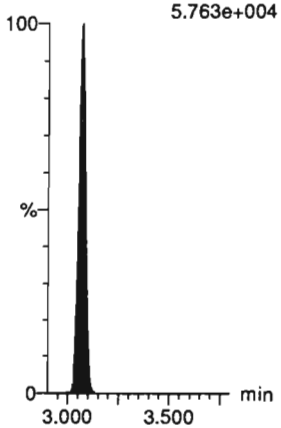
Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

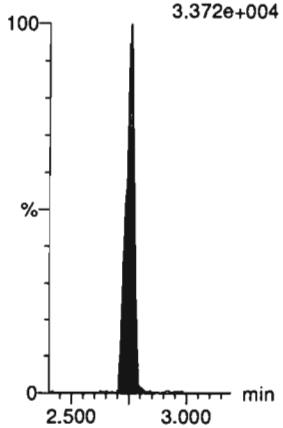
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.073e+004



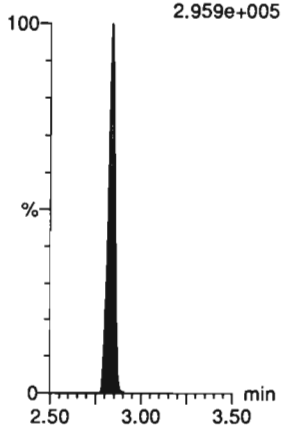
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.763e+004



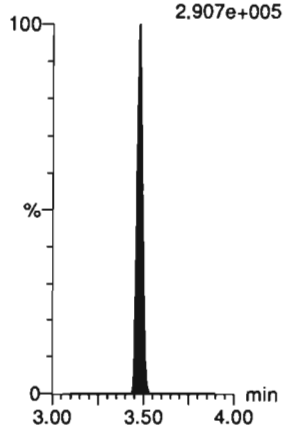
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.372e+004



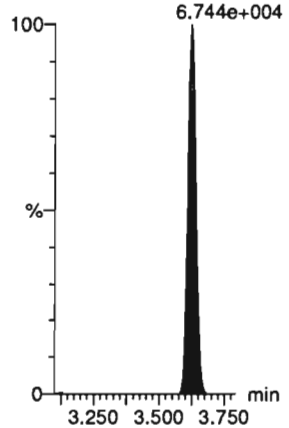
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.959e+005



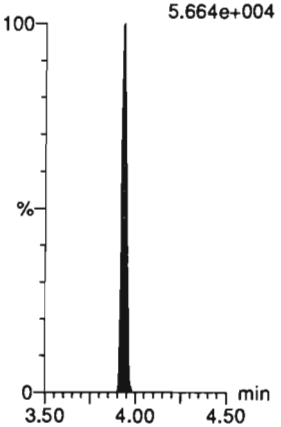
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.907e+005



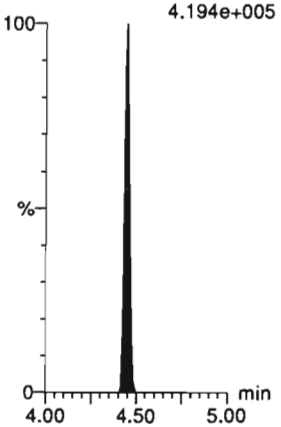
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.744e+004



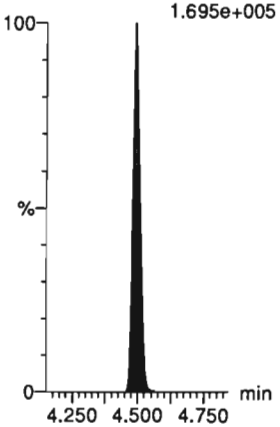
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.664e+004



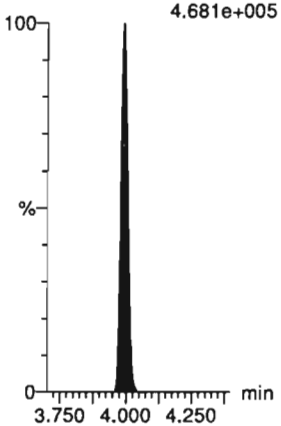
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
4.194e+005



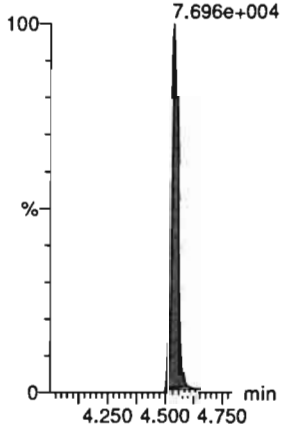
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.695e+005



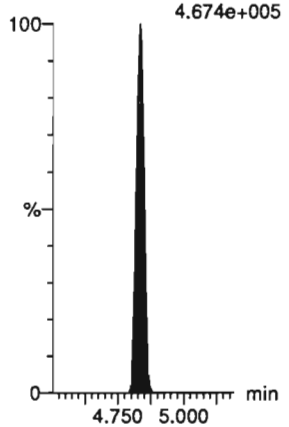
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.681e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.696e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.674e+005



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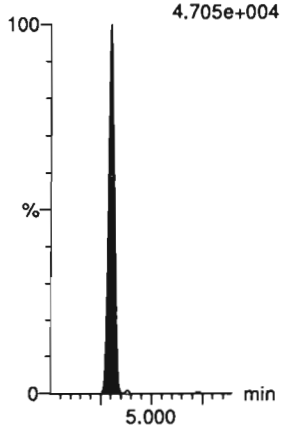
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

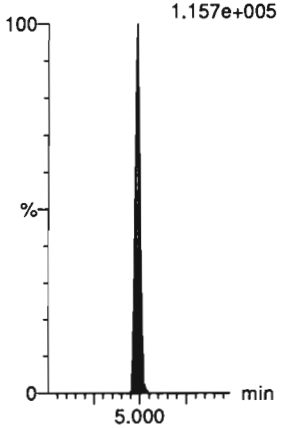
Last Altered: Monday, June 15, 2020 08:13:23 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:26:54 Pacific Daylight Time

Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

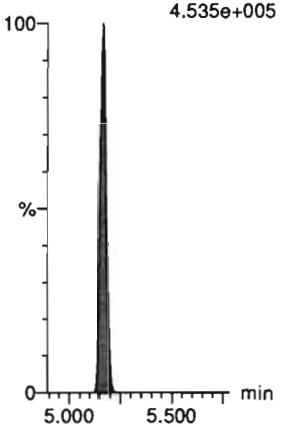
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.705e+004



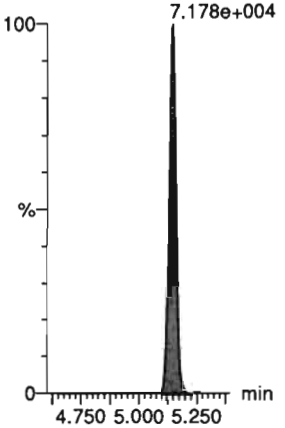
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.157e+005



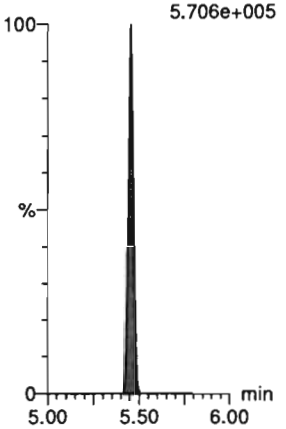
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.535e+005



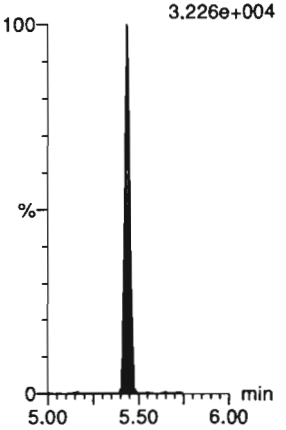
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
7.178e+004



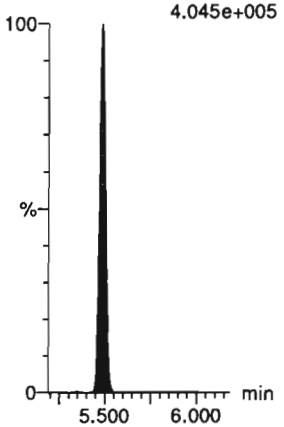
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.706e+005



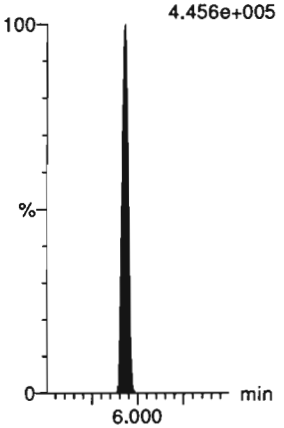
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
3.226e+004



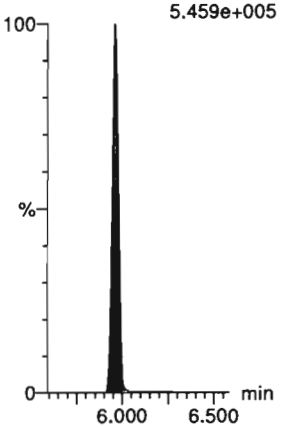
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
4.045e+005



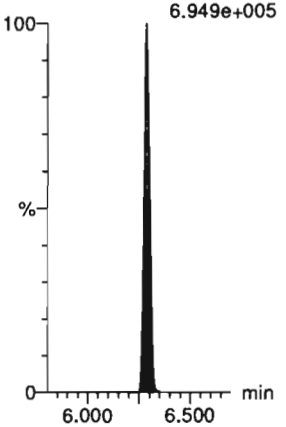
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.456e+005



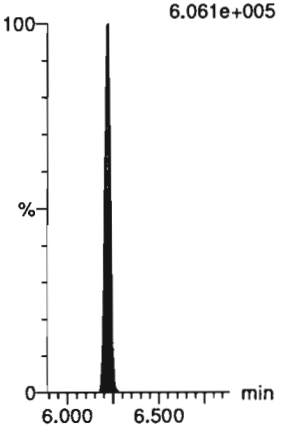
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.459e+005



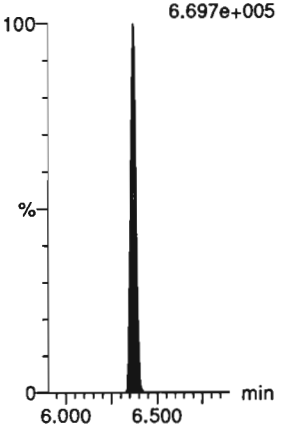
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.949e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
6.061e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
6.697e+005



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Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-48.qld

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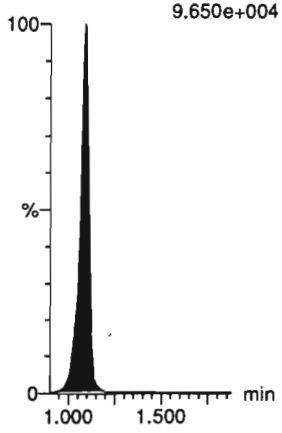
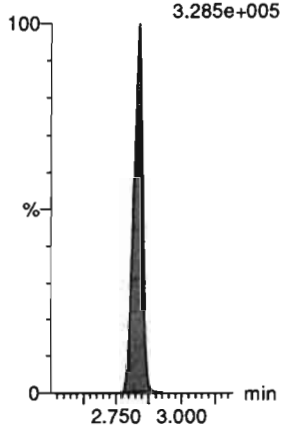
Name: 200612P1-48, Date: 12-Jun-2020, Time: 17:31:21, ID: ST200612P1-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

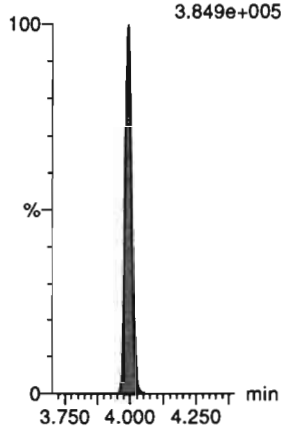
13C4-PFBA



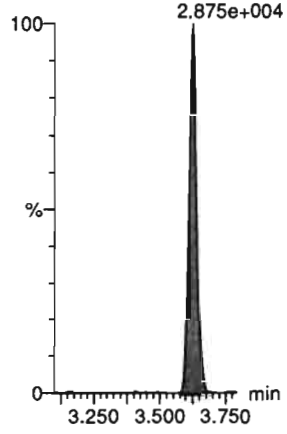
13C5-PFHxA



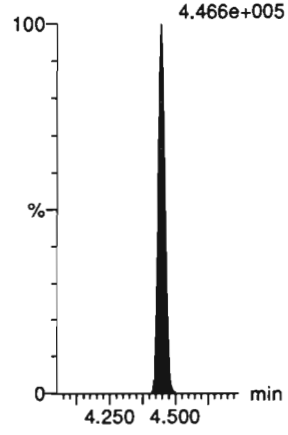
13C8-PFOA



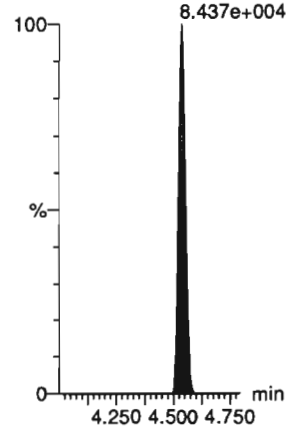
18O2-PFHxS



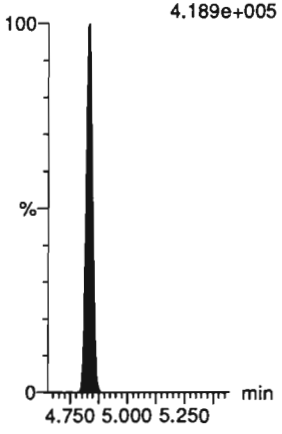
13C9-PFNA



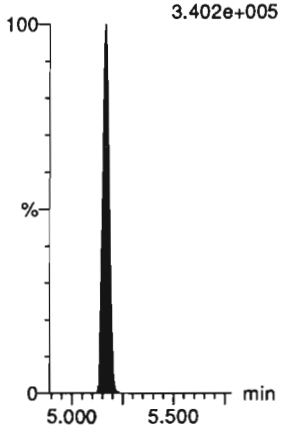
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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*ABOVE CRITERIA LIMIT

✓ JR 06/15/2020

Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4209.440	4848.237	1.00	1.10	10.853	10.000	10.7	106.7	NO		
2	2	PFPrS	249 > 80	849.293	1113.808	1.00	1.40	9.531	10.000	11.3	113.0	NO	2.674	NO
3	3	3:3 FTCA	240.9 > 176.9	1190.130	9004.444	1.00	1.88	1.652	10.000	12.9	128.9	NO	3.666	NO
4	4	PFPeA	263.1 > 218.9	7206.536	9004.444	1.00	2.02	10.004	10.000	11.2	112.5	NO		
5	5	PFBS	299.0 > 80	2459.272	1113.808	1.00	2.31	27.600	10.000	10.6	106.0	NO	2.450	NO
6	6	4:2 FTS	326.9 > 306.9	3269.366	1488.811	1.00	2.76	27.449	10.000	10.0	100.0	NO	12.139	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4848.237		1.00	1.10	4848.237	12.500	14.6	117.2	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1113.808		1.00	2.31	1113.808	12.500	13.6	108.8	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	9004.444		1.00	2.02	9004.444	12.500	13.4	107.2	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	9004.444		1.00	2.02	9004.444	12.500	13.4	107.2	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1113.808		1.00	2.31	1113.808	12.500	13.6	108.8	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1488.811		1.00	2.76	1488.811	12.500	14.4	115.5	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	10587.444	11773.334	1.00	2.84	11.241	10.000	11.0	110.2	NO	16.084	NO
15	8	PFPeS	349.>80	2170.976	1113.808	1.00	3.06	24.364	10.000	12.2	121.8	NO	2.228	YES
16	9	HFPO-DA	285.1 > 168.9	1902.081	2256.202	1.00	3.07	10.538	10.000	10.5	105.3	NO	2.472	NO
17	10	5:3 FTCA	340.9 > 236.9	2390.987	10353.483	1.00	3.43	2.887	10.000	12.2	121.7	NO	1.592	NO
18	11	PFHpA	363.0 > 319	11712.995	10353.483	1.00	3.48	14.141	10.000	11.0	109.7	NO	54.827	NO
19	12	ADONA	376.8 > 250.9	18803.576	10353.483	1.00	3.59	22.702	10.000	9.84	98.4	NO	3.499	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	11773.334		1.00	2.84	11773.334	12.500	13.3	106.2	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1113.808		1.00	2.31	1113.808	12.500	13.6	108.8	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2256.202		1.00	3.07	2256.202	12.500	14.1	112.7	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	10353.483		1.00	3.48	10353.483	12.500	13.4	106.8	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	10353.483		1.00	3.48	10353.483	12.500	13.4	106.8	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	10353.483		1.00	3.48	10353.483	12.500	13.4	106.8	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2105.711	2478.429	1.00	3.63	10.620	10.000	10.2	102.1	NO	4.098	NO
28	15	6:2 FTS	427.0 > 407	1637.852	1689.176	1.00	3.94	12.120	10.000	10.6	106.4	NO	0.753	NO
29	16	L-PFOA	413 > 369	11735.888	13163.576	1.00	4.00	11.144	10.000	11.5	114.6	NO	3.328	NO
30	18	PFecHS	461 > 381.0	2163.299	13163.576	1.00	4.01	2.054	10.000	10.8	108.3	NO	0.531	NO
31	19	PFHpS	449.0 > 80	1755.175	2413.290	1.00	4.12	9.091	10.000	9.63	96.3	NO	2.422	NO
32	20	7:3 FTCA	440.9 > 336.9	3158.542	12061.017	1.00	4.43	3.274	10.000	13.3	132.7	YES*	1.236	NO
33	61	13C3-PFHxS-EIS	402 > 80	2478.429		1.00	3.63	2478.429	12.500	13.8	110.7	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1689.176		1.00	3.94	1689.176	12.500	13.8	110.7	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13163.576		1.00	4.00	13163.576	12.500	13.4	107.4	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13163.576		1.00	4.00	13163.576	12.500	13.4	107.4	NO		

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Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	w/Vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2413.290		1.00	4.54	2413.290	12.500	13.7	109.2	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	12061.017		1.00	4.45	12061.017	12.500	13.6	108.8	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	12513.932	12061.017	1.00	4.45	12.969	10.000	10.9	108.6	NO	14.842	NO
41	22	PFOSA	498 > 78	2972.151	5029.055	1.00	4.50	7.387	10.000	11.3	113.1	NO	20.139	NO
42	23	L-PFOS	499 > 80	2505.940	2413.290	1.00	4.54	12.980	10.000	10.6	106.5	NO	2.360	NO
43	25	9Cl-PF30NS	531 > 351	5764.037	2413.290	1.00	4.77	29.856	10.000	11.7	117.1	NO	32.112	NO
44	26	PFDA	513 > 469	11001.726	14778.385	1.00	4.84	9.306	10.000	10.8	107.7	NO	4.903	NO
45	27	8:2 FTS	527.1 > 507	1021.729	1514.218	1.00	4.80	8.434	10.000	10.8	107.7	NO	0.516	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	12061.017		1.00	4.45	12061.017	12.500	13.6	108.8	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5029.055		1.00	4.50	5029.055	12.500	15.9	127.1	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2413.290		1.00	4.54	2413.290	12.500	13.7	109.2	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2413.290		1.00	4.54	2413.290	12.500	13.7	109.2	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	14778.385		1.00	4.84	14778.385	12.500	13.3	106.1	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1514.218		1.00	4.81	1514.218	12.500	13.0	104.3	NO		
52	-1													
53	28	PFNS	549 > 80	2567.743	2413.290	1.00	4.91	13.300	10.000	10.9	109.1	NO	2.442	YES
54	29	L-MeFOSAA	570 > 419	3731.576	3620.792	1.00	4.99	12.882	10.000	11.6	115.5	NO	1.700	NO
55	31	L-EtFOSAA	584 > 419	4708.356	2508.979	1.00	5.16	23.458	10.000	10.5	105.2	NO	1.364	NO
56	33	PFUdA	563.0 > 519	13640.388	15264.340	1.00	5.17	11.170	10.000	11.5	115.1	NO	20.469	NO
57	34	PFDS	599.1 > 80.0	2307.473	2413.290	1.00	5.22	11.952	10.000	11.8	118.4	NO	2.101	YES
58	35	11Cl-PF30UdS	631 > 451	3838.806	17966.547	1.00	5.39	2.671	10.000	11.2	111.9	NO	16.684	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2413.290		1.00	4.54	2413.290	12.500	13.7	109.2	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3620.792		1.00	4.99	3620.792	12.500	12.5	100.0	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2508.979		1.00	5.15	2508.979	12.500	12.9	102.8	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	15264.340		1.00	5.17	15264.340	12.500	12.6	100.9	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2413.290		1.00	4.54	2413.290	12.500	13.7	109.2	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	17966.547		1.00	5.46	17966.547	12.500	13.3	106.2	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1755.904	1144.619	1.00	5.44	19.176	10.000	10.0	100.4	NO	0.999	NO
67	37	PFDoA	612.9 > 569.0	14107.475	17966.547	1.00	5.46	9.815	10.000	11.0	110.4	NO	11.469	NO
68	38	N-MeFOSA	512.1 > 168.9	6192.121	14471.650	1.00	5.46	63.840	50.000	54.1	108.2	NO	1.867	NO
69	39	PFTrDA	662.9 > 618.9	14495.709	17966.547	1.00	5.72	10.085	10.000	11.3	112.6	NO	106.294	NO
70	40	PFDoS	699 > 80	2724.063	15219.212	1.00	5.74	2.237	10.000	11.5	115.0	NO	2.418	NO
71	41	PFTeDA	713.0 > 669.0	8678.606	15219.212	1.00	5.94	7.128	10.000	11.3	112.9	NO	13.237	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1144.619		1.00	5.44	1144.619	12.500	13.4	107.0	NO		

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Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	17966.547		1.00	5.46	17966.547	12.500	13.3	106.2	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	14471.650		1.00	5.49	14471.650	149.200	190	127.3	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	17966.547		1.00	5.46	17966.547	12.500	13.3	106.2	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	15219.212		1.00	5.94	15219.212	12.500	13.7	109.5	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	15219.212		1.00	5.94	15219.212	12.500	13.7	109.5	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	8737.961	20816.760	1.00	5.94	62.628	50.000	55.7	111.4	NO	1.940	NO
80	43	PFHxDA	813 > 769	16629.676	21262.180	1.00	6.29	9.777	10.000	11.6	116.5	NO	31.101	NO
81	44	PFODA	913.1 > 868.8	13508.241	21262.180	1.00	6.54	7.941	10.000	11.2	112.1	NO		
82	45	N-MeFOSE	616.1 > 58.9	8067.236	19627.260	1.00	6.23	61.324	50.000	55.4	110.9	NO		
83	46	N-EtFOSE	630.1 > 58.9	8019.585	21404.846	1.00	6.39	55.900	50.000	52.3	104.6	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4849.040	5346.062	1.00	1.10	11.338	12.500	12.4	99.3	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	20816.760		1.00	5.97	20816.760	149.200	176	118.2	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	21262.180		1.00	6.29	21262.180	12.500	12.5	100.2	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	21262.180		1.00	6.29	21262.180	12.500	12.5	100.2	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	19627.260		1.00	6.22	19627.260	149.200	166	111.2	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	21404.846		1.00	6.37	21404.846	149.200	183	122.6	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	9037.305	12545.656	1.00	2.02	9.004	12.500	12.7	101.7	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1113.624	1022.715	1.00	2.31	13.611	12.500	11.4	91.0	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2256.202	12545.656	1.00	3.07	2.248	12.500	13.0	103.8	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1488.811	1022.715	1.00	2.76	18.197	12.500	12.5	100.0	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	11773.334	12545.656	1.00	2.84	11.730	12.500	12.9	103.5	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	10353.483	12545.656	1.00	3.48	10.316	12.500	12.8	102.7	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2478.429	1022.715	1.00	3.63	30.292	12.500	11.8	94.5	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1689.176	3049.054	1.00	3.94	6.925	12.500	11.5	91.9	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	12061.017	12509.593	1.00	4.45	12.052	12.500	12.6	100.8	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5029.055	11382.262	1.00	4.50	5.523	12.500	14.9	119.2	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	13163.576	11252.518	1.00	4.00	14.623	12.500	12.2	97.4	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2413.290	3049.054	1.00	4.54	9.894	12.500	11.5	92.4	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	14778.385	12827.347	1.00	4.84	14.401	12.500	12.1	96.9	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1514.218	3049.054	1.00	4.81	6.208	12.500	10.6	85.0	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	3620.792	11382.262	1.00	4.99	3.976	12.500	12.1	96.6	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	15264.340	11382.262	1.00	5.17	16.763	12.500	11.9	95.1	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	2508.979	11382.262	1.00	5.15	2.755	12.500	12.8	102.7	NO		

OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

Last Altered: Monday, June 15, 2020 08:18:11 Pacific Daylight Time
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Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	17966.547	12827.347	1.00	5.46	17.508	12.500	11.9	95.6	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1121.984	3049.054	1.00	5.44	4.600	12.500	11.5	91.8	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	14471.650	11382.262	1.00	5.49	15.893	149.200	172	115.4	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	15219.212	11382.262	1.00	5.94	16.714	12.500	12.7	101.4	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	20816.760	11382.262	1.00	5.97	22.861	149.200	163	109.1	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	21262.180	11382.262	1.00	6.29	23.350	12.500	11.7	93.9	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	19627.260	11382.262	1.00	6.22	21.555	149.200	158	105.9	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	21404.846	11382.262	1.00	6.37	23.507	149.200	163	109.5	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5346.062	5346.062	1.00	1.10	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	12545.656	12545.656	1.00	2.84	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	11252.518	11252.518	1.00	4.00	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1022.715	1022.715	1.00	3.63	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	12509.593	12509.593	1.00	4.45	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3049.054	3049.054	1.00	4.54	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	12827.347	12827.347	1.00	4.84	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	11382.262	11382.262	1.00	5.17	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

Last Altered: Monday, June 15, 2020 08:28:46 Pacific Daylight Time
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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200612P1-1	IPA	12-Jun-20	08:37:17
2	2	200612P1-2	TEST	12-Jun-20	08:47:51
3	3	200612P1-3	IPA	12-Jun-20	08:58:20
4	4	200612P1-4	IPA	12-Jun-20	09:08:52
5	5	200612P1-5	ST200612P1-1 PFC CS-2 20E2701	12-Jun-20	09:19:21
6	6	200612P1-6	ST200612P1-2 PFC CS-1 20E2702	12-Jun-20	09:29:50
7	7	200612P1-7	ST200612P1-3 PFC CS0 20F0201	12-Jun-20	09:40:22
8	8	200612P1-8	ST200612P1-4 PFC CS1 20E2704	12-Jun-20	09:50:53
9	9	200612P1-9	ST200612P1-5 PFC CS2 20E2705	12-Jun-20	10:01:23
10	10	200612P1-10	ST200612P1-6 PFC CS3 20E2706	12-Jun-20	10:11:52
11	11	200612P1-11	ST200612P1-7 PFC CS4 20F0303	12-Jun-20	10:22:24
12	12	200612P1-12	ST200612P1-8 PFC CS5 20E2708	12-Jun-20	10:32:53
13	13	200612P1-13	ST200612P1-9 PFC CS6 20E2709	12-Jun-20	10:43:24
14	14	200612P1-14	ST200612P1-10 PFC CS7 20E2710	12-Jun-20	10:53:54
15	15	200612P1-15	IB	12-Jun-20	11:04:23
16	16	200612P1-16	ICV200612P1-1 PFC ICV 20E2711	12-Jun-20	11:46:20
17	17	200612P1-17	IB	12-Jun-20	11:57:03
18	18	200612P1-18	B0F0025-BS1 OPR 0.25	12-Jun-20	12:07:33
19	19	200612P1-19	2001202-01 TS-LW02-20200603 0.25638	12-Jun-20	12:18:04
20	20	200612P1-20	2001202-02 TN-LW03-20200603 0.25316	12-Jun-20	12:28:35
21	21	200612P1-21	2001202-03 TN-LW04-20200604 0.24573	12-Jun-20	12:39:04
22	22	200612P1-22	IB	12-Jun-20	12:49:36
23	23	200612P1-23	ST200612P1-11 PFC CS3 20E2706	12-Jun-20	13:00:05
24	24	200612P1-24	IB	12-Jun-20	13:10:36
25	25	200612P1-25	2001121-17 Field Blank 0.24793	12-Jun-20	13:25:18
26	26	200612P1-26	B0F0065-BLK1 Method Blank 0.125	12-Jun-20	13:35:46
27	27	200612P1-27	B0F0065-BS1 OPR 0.125	12-Jun-20	13:46:18
28	28	200612P1-28	B0F0065-BSD1 LCSD 0.125	12-Jun-20	13:56:48
29	29	200612P1-29	2001215-01 DPH-SW3 0.11958	12-Jun-20	14:07:17
30	30	200612P1-30	2001216-01 DPH-SW4 0.12026	12-Jun-20	14:17:49
31	31	200612P1-31	2001216-02 DPH-SW1 0.12314	12-Jun-20	14:28:20
32	32	200612P1-32	2001216-03 DPH-MW19 0.12055	12-Jun-20	14:38:47

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Dataset: Untitled

Last Altered: Monday, June 15, 2020 08:28:46 Pacific Daylight Time
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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200612P1-33	2001216-04 DPH-MW18 0.12391	12-Jun-20	14:49:18
34	34 200612P1-34	B0F0028-BLK1 Method Blank 0.25	12-Jun-20	14:59:50
35	35 200612P1-35	B0F0028-BS1 OPR 0.25	12-Jun-20	15:10:20
36	36 200612P1-36	B0F0028-BSD1 LCSD 0.25	12-Jun-20	15:20:49
37	37 200612P1-37	2001195-03 FB-1-06032020 0.26333	12-Jun-20	15:31:21
38	38 200612P1-38	2001195-04 FB-1-06032020 0.25559	12-Jun-20	15:41:50
39	39 200612P1-39	B0F0060-BLK1 Method Blank 0.125	12-Jun-20	15:52:21
40	40 200612P1-40	B0F0060-BS1 OPR 0.125	12-Jun-20	16:02:52
41	41 200612P1-41	B0F0060-BSD1 LCSD 0.125	12-Jun-20	16:17:50
42	42 200612P1-42	2001213-01 DPH-MW8 0.11841	12-Jun-20	16:28:19
43	43 200612P1-43	2001213-02 DPH-MW12S 0.1149	12-Jun-20	16:38:50
44	44 200612P1-44	2001213-03 DPH-MW12D 0.1173	12-Jun-20	16:49:19
45	45 200612P1-45	2001213-04 DPH-5 0.11737	12-Jun-20	16:59:50
46	46 200612P1-46	2001213-05 DPH-MW13 0.11477	12-Jun-20	17:10:21
47	47 200612P1-47	IB	12-Jun-20	17:20:49
48	48 200612P1-48	ST200612P1-12 PFC CS3 20E2706	12-Jun-20	17:31:21
49	49 200612P1-49	IB	12-Jun-20	17:41:50
50	50 200612P1-50	B0F0024-BLK1 Method Blank 1	12-Jun-20	17:52:22
51	51 200612P1-51	B0F0024-BS1 OPR 1	12-Jun-20	18:02:52
52	52 200612P1-52	B0F0024-MS1 Matrix Spike 1.2	12-Jun-20	18:13:21
53	53 200612P1-53	B0F0024-MSD1 Matrix Spike Dup 1.18	12-Jun-20	18:23:51
54	54 200612P1-54	2001178-01 DRUM-20-01 1.18	12-Jun-20	18:34:23
55	55 200612P1-55	B0F0020-BLK1 Method Blank 1	12-Jun-20	18:44:53
56	56 200612P1-56	B0F0020-BS1 OPR 1	12-Jun-20	18:55:24
57	57 200612P1-57	B0F0020-MS1 Matrix Spike 1.12	12-Jun-20	19:05:53
58	58 200612P1-58	B0F0020-MSD1 Matrix Spike Dup 1.12	12-Jun-20	19:16:22
59	59 200612P1-59	2001096-01 Compost PT 1 1.16	12-Jun-20	19:26:54
60	60 200612P1-60	2001096-02 Compost PT 2 1.11	12-Jun-20	19:37:25
61	61 200612P1-61	B0F0066-BS1 OPR 0.125	12-Jun-20	19:47:55
62	62 200612P1-62	B0F0066-BSD1 LCSD 0.125	12-Jun-20	19:58:25
63	63 200612P1-63	B0F0077-BLK1 Method Blank 0.125	12-Jun-20	20:08:54
64	64 200612P1-64	B0F0077-BS1 OPR 0.125	12-Jun-20	20:19:26
65	65 200612P1-65	2001150-05RE1 GW-FPC-5B 0.11757	12-Jun-20	20:29:55
66	66 200612P1-66	B0F0026-BLK1 Method Blank 0.25	12-Jun-20	20:40:26
67	67 200612P1-67	B0F0026-BS1 OPR 0.25	12-Jun-20	20:50:56
68	68 200612P1-68	B0F0026-MS1 Matrix Spike 0.23877	12-Jun-20	21:01:27

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Dataset: Untitled

Last Altered: Monday, June 15, 2020 08:28:46 Pacific Daylight Time
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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200612P1-69	B0F0026-MSD1 Matrix Spike Dup 0.2422	12-Jun-20	21:11:56
70	70 200612P1-70	IB	12-Jun-20	21:22:28
71	71 200612P1-71	2001191-01 LLESS3 0.24966	12-Jun-20	21:32:57
72	72 200612P1-72	2001191-02 BBSS-1 0.25293	12-Jun-20	21:43:29
73	73 200612P1-73	IB	12-Jun-20	21:53:57
74	74 200612P1-74	2001191-03 SSMW35 0.24288	12-Jun-20	22:04:29
75	75 200612P1-75	2001191-04 RCCB-1 0.25422	12-Jun-20	22:14:58
76	76 200612P1-76	2001191-05 RCV OUT-5 0.23809	12-Jun-20	22:25:29
77	77 200612P1-77	2001191-06 RCV IN-5 0.2458	12-Jun-20	22:35:58
78	78 200612P1-78	IB	12-Jun-20	22:46:31
79	79 200612P1-79	ST200612P1-13 PFC CS3 20E2706	12-Jun-20	22:57:00
80	80 200612P1-80	IB	12-Jun-20	23:07:31
81	81 200612P1-81	2001191-07 DTSS-1 0.24449	12-Jun-20	23:17:59
82	82 200612P1-82	IB	12-Jun-20	23:28:31
83	83 200612P1-83	2001191-08 V1 0.2349	12-Jun-20	23:39:02
84	84 200612P1-84	2001191-09 BMSS-4 0.24474	12-Jun-20	23:49:30
85	85 200612P1-85	2001191-10 SFCB-1 0.24076	13-Jun-20	00:00:00
86	86 200612P1-86	IB	13-Jun-20	00:10:32
87	87 200612P1-87	2001191-11 RCCB-2 0.24734	13-Jun-20	00:21:03
88	88 200612P1-88	2001191-12 SFCB-2 0.24646	13-Jun-20	00:31:32
89	89 200612P1-89	2001191-13 BD-05 0.24532	13-Jun-20	00:42:04
90	90 200612P1-90	2001173-02 WMP2005271150JSJ 0.23813	13-Jun-20	00:52:33
91	91 200612P1-91	IB	13-Jun-20	01:03:04
92	92 200612P1-92	ST200612P1-14 PFC CS3 20E2706	13-Jun-20	01:13:34
93	93 200612P1-93	IB	13-Jun-20	01:24:05
94	94 200612P1-94	PFC OPR QC NEW NS SUP	13-Jun-20	01:34:34
95	95 200612P1-95	PFC BLK QC NW IS SUP	13-Jun-20	01:45:06

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

Last Altered: Monday, June 15, 2020 08:18:11 Pacific Daylight Time
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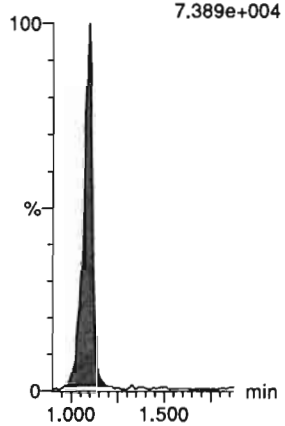
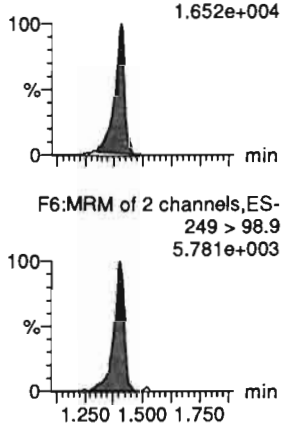
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

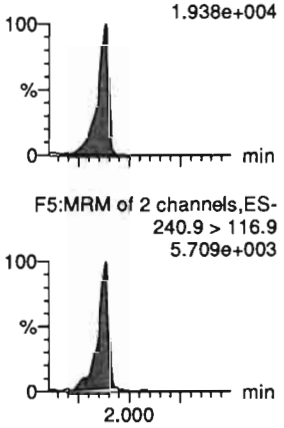
PFBA



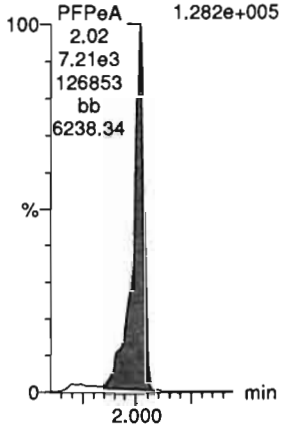
PFPrS



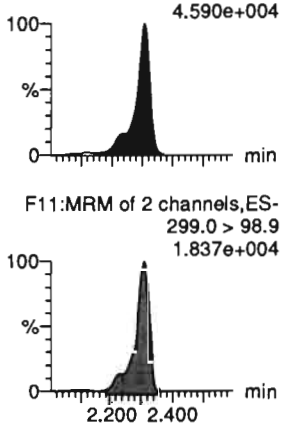
3:3 FTCA



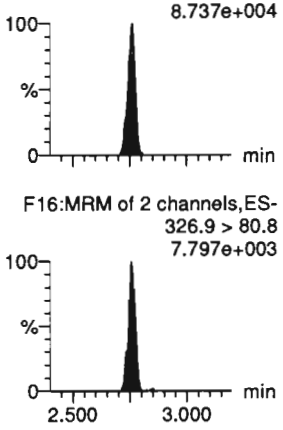
PFPeA



PFBS



4:2 FTS



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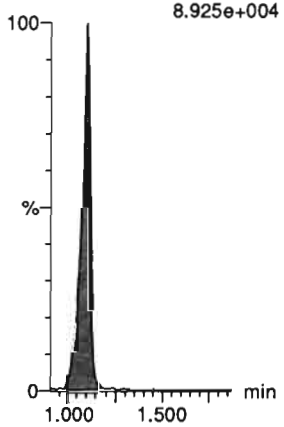

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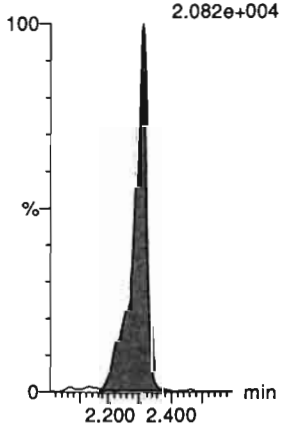

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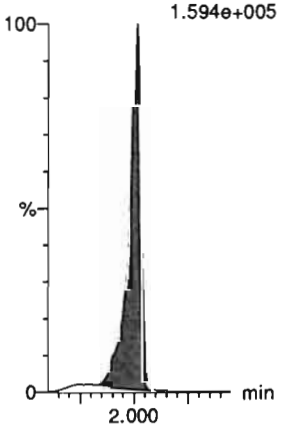

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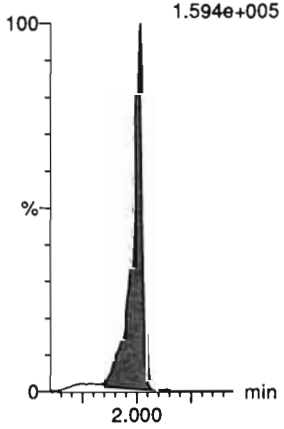

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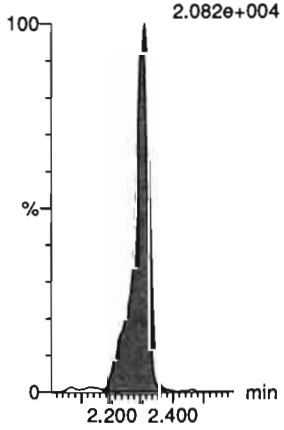
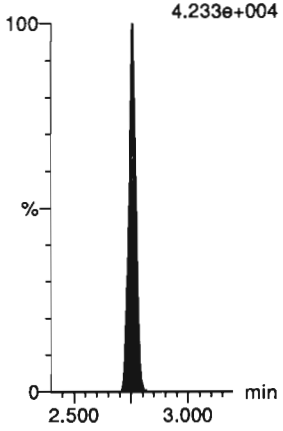


13C2-4:2 FTS-EIS



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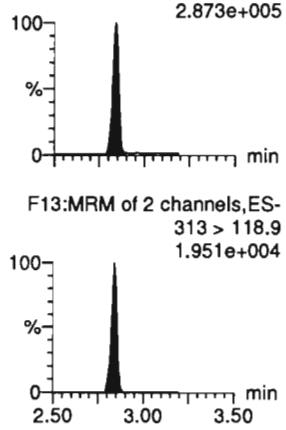
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

Last Altered: Monday, June 15, 2020 08:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:25:38 Pacific Daylight Time

Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFHxA



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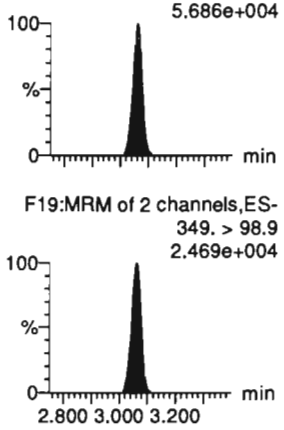
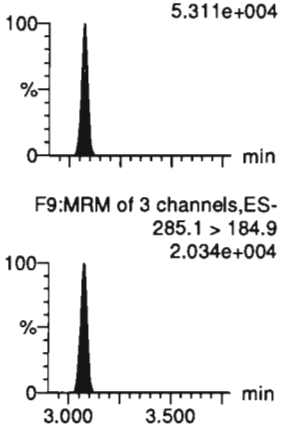
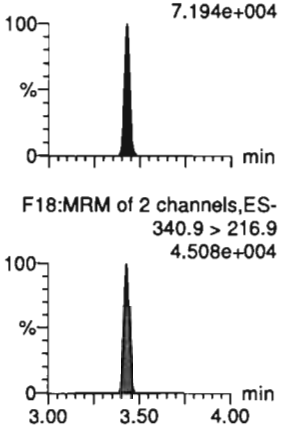


HFPO-DA



5:3 FTCA



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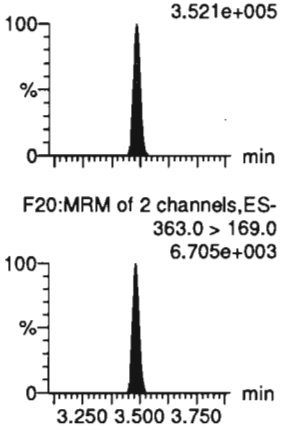
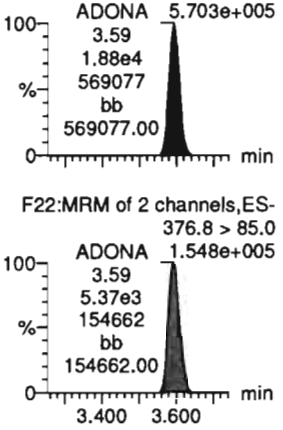
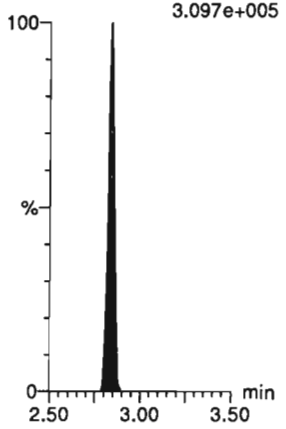


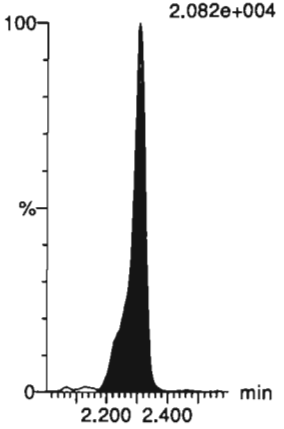
ADONA



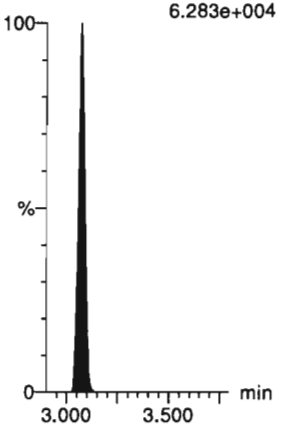
13C2-PFHxA-EIS



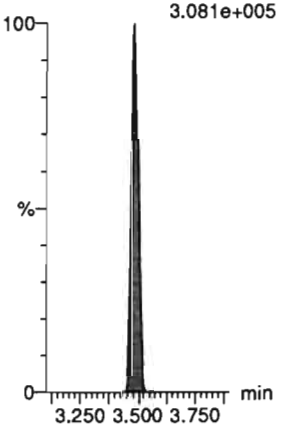
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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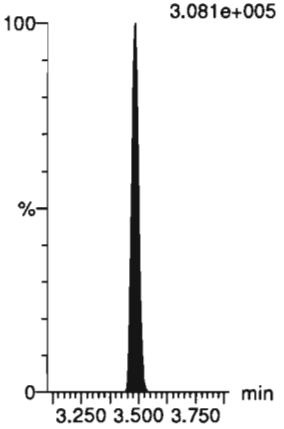

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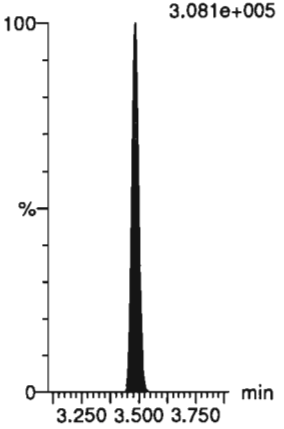

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Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

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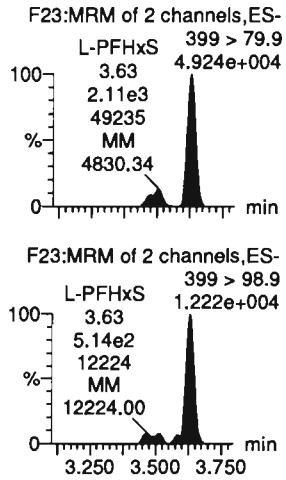
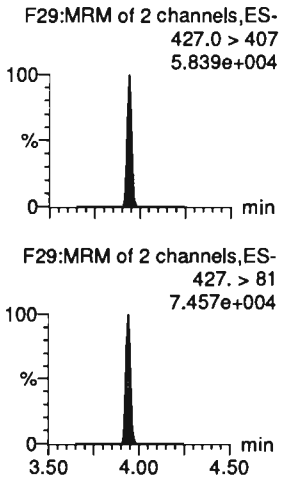
Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

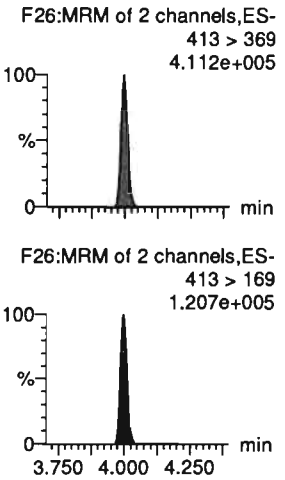
L-PFHxS



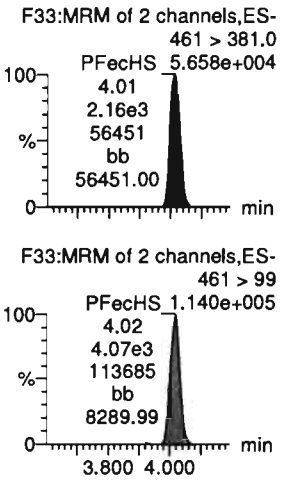
6:2 FTS



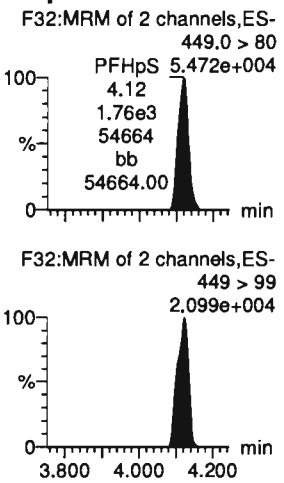
L-PFOA



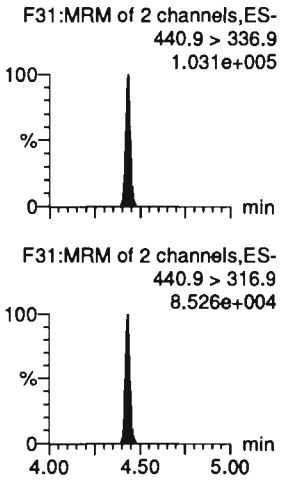
PFEChS



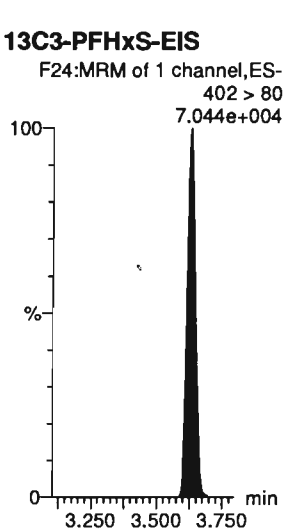
PFHpS



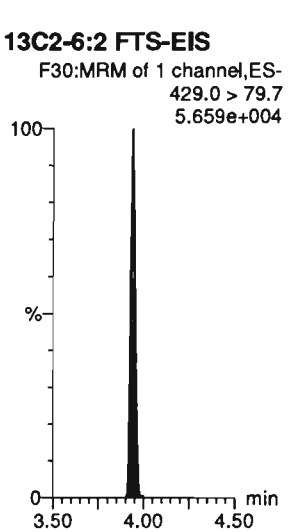
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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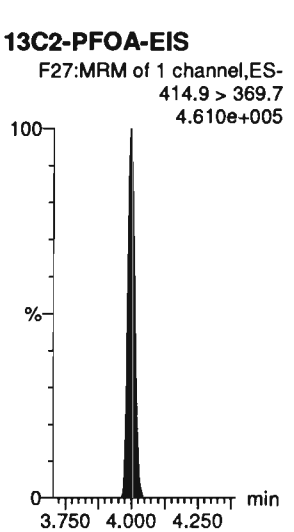

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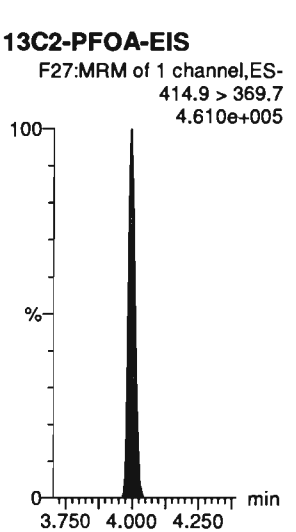
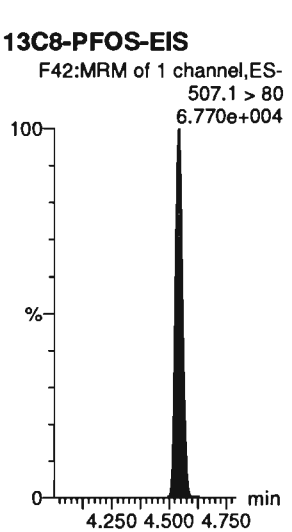
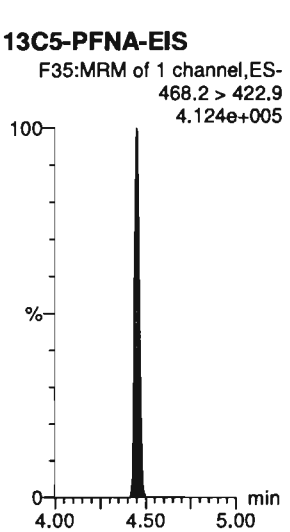


13C8-PFOS-EIS



13C5-PFNA-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

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Printed: Monday, June 15, 2020 08:25:38 Pacific Daylight Time

Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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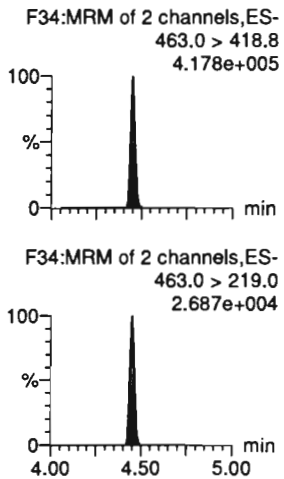
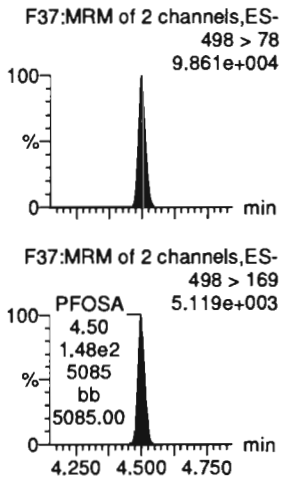
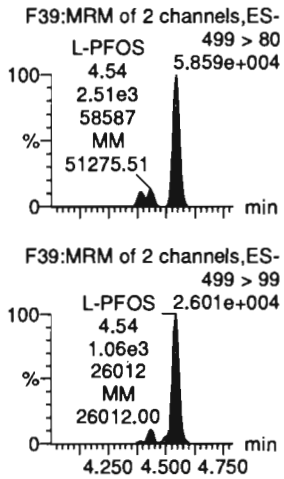


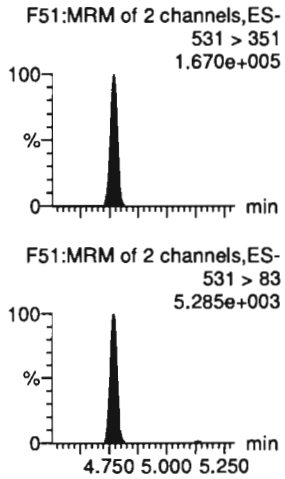
PFOSA



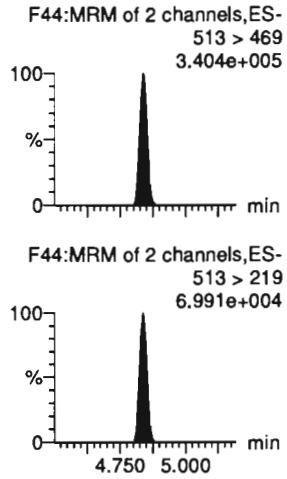
L-PFOS



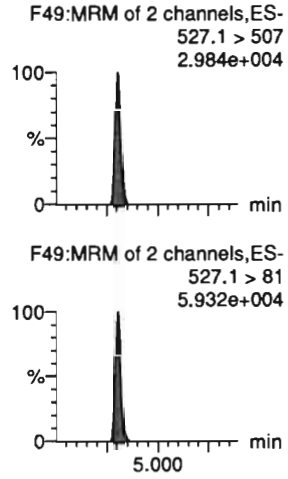
9Cl-PF30NS



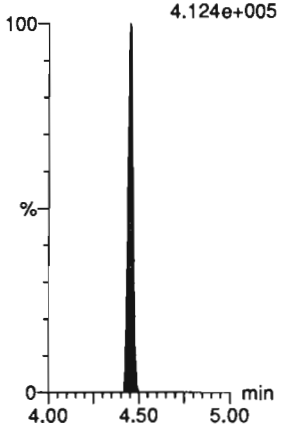
PFDA



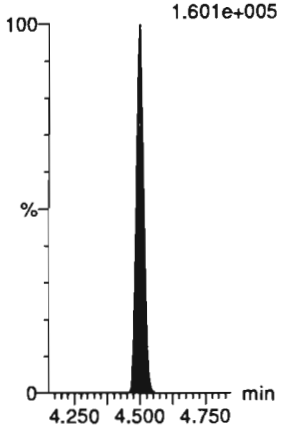
8:2 FTS



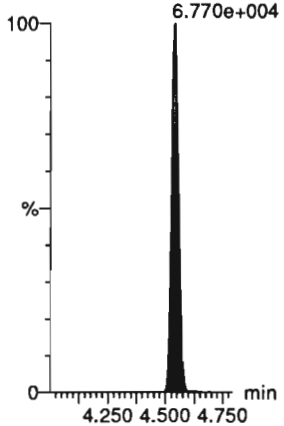
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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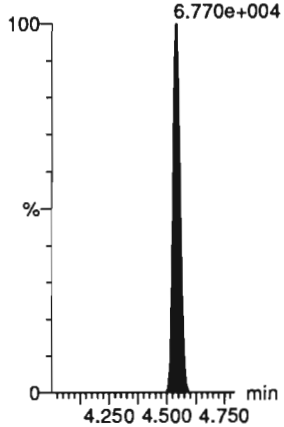
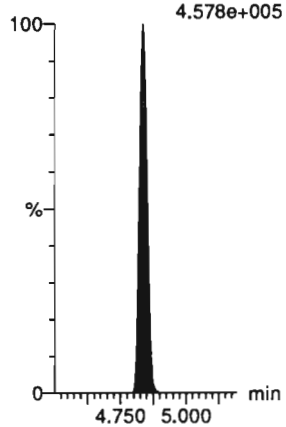
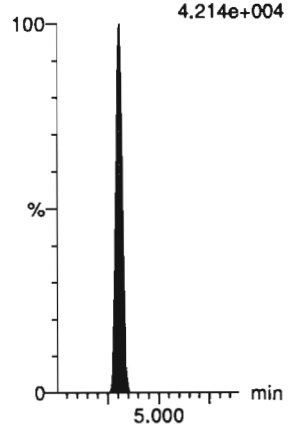


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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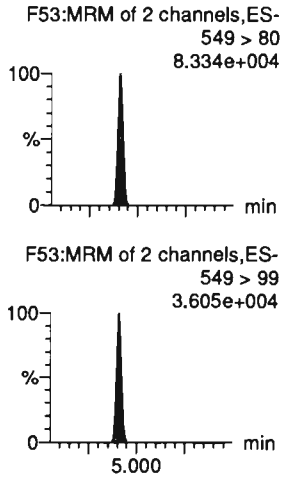
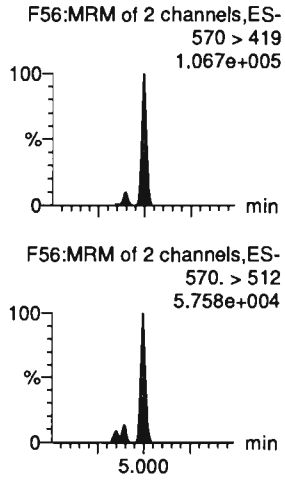
Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

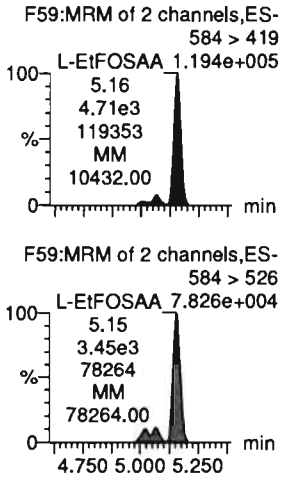
PFNS



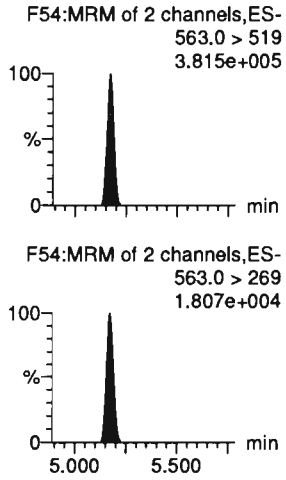
L-MeFOSAA



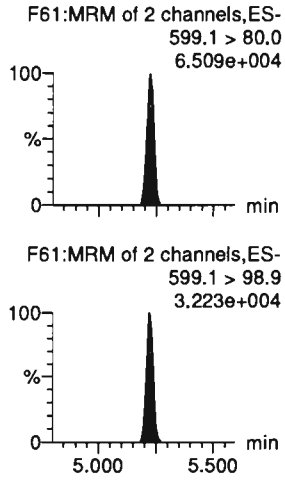
L-EtFOSAA



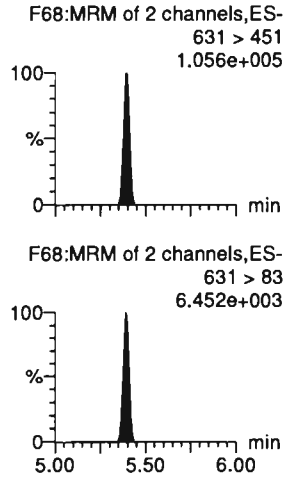
PFUdA



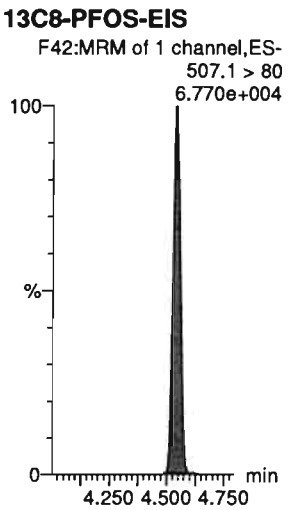
PFDS



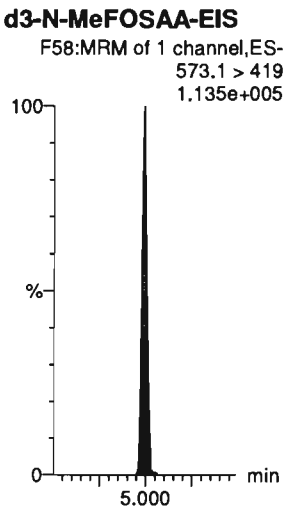
11Cl-PF30UdS



13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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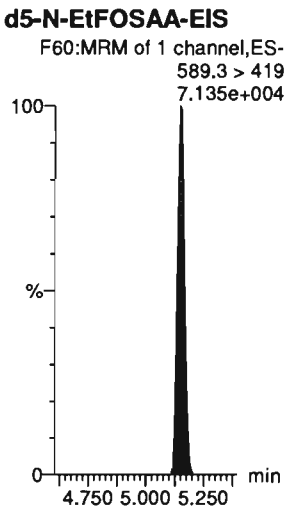
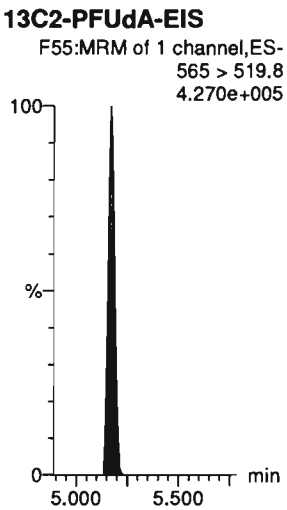
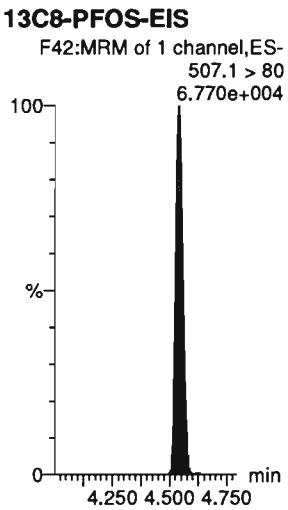


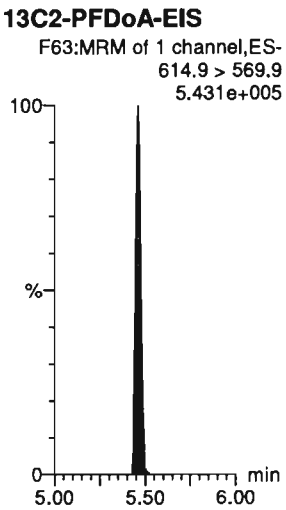
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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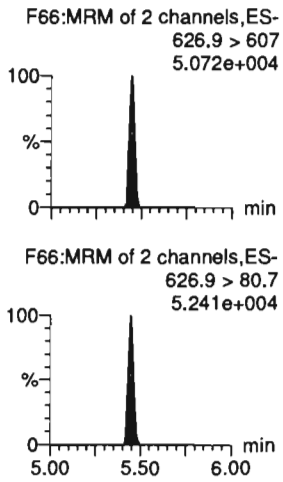
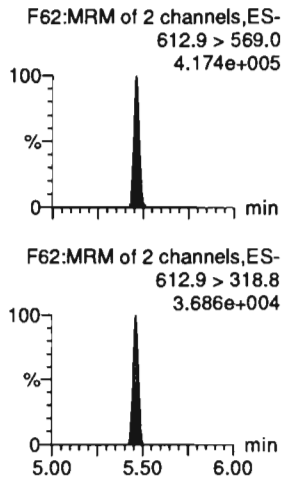
Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

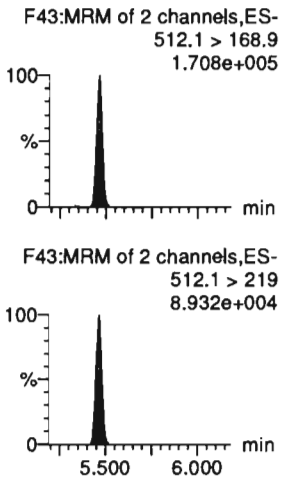
10:2 FTS



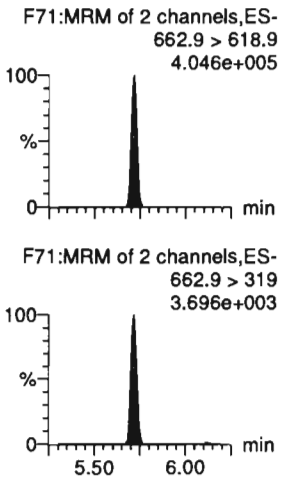
PFDoA



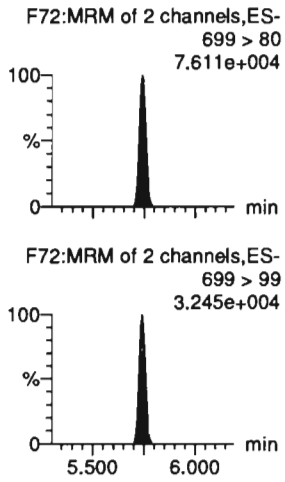
N-MeFOSA



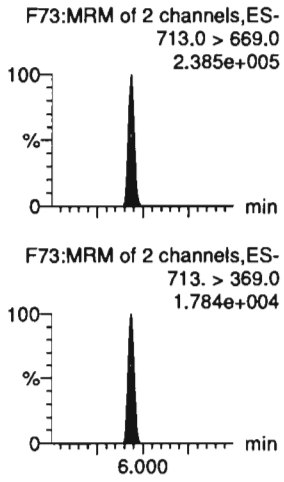
PFTrDA



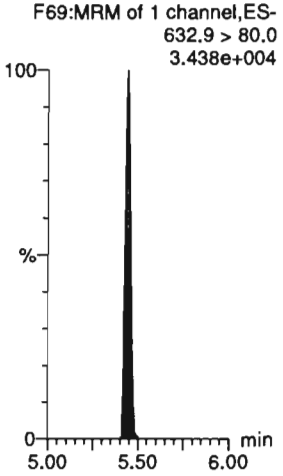
PFDoS



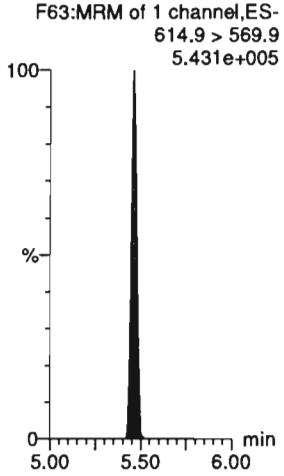
PFTeDA



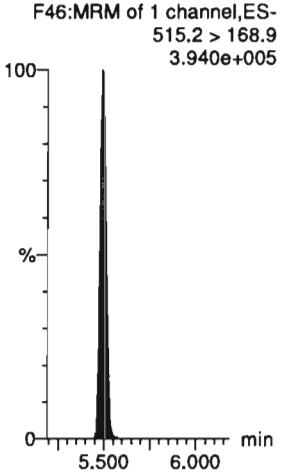
13C2-10:2 FTS-EIS



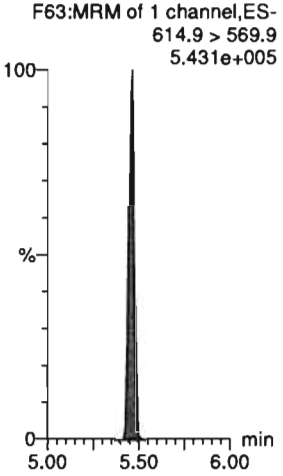
13C2-PFDoA-EIS



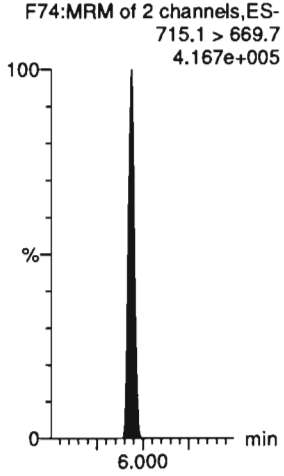
d3-N-MeFOSA-EIS



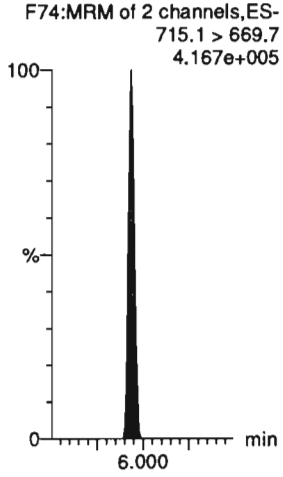
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



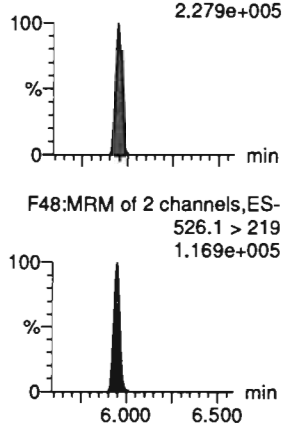
OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

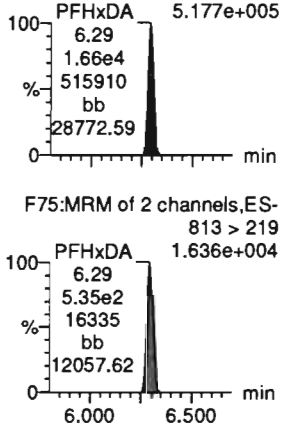
Last Altered: Monday, June 15, 2020 08:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:25:38 Pacific Daylight Time

Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

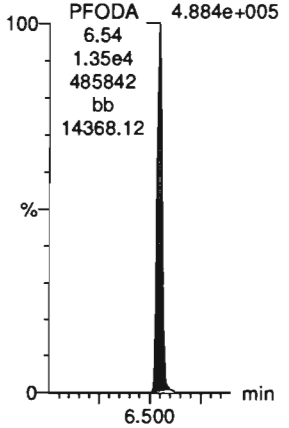
N-EtFOSA



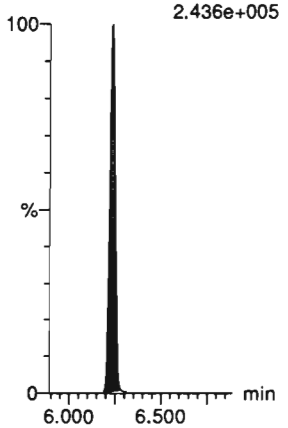
PFHxDA



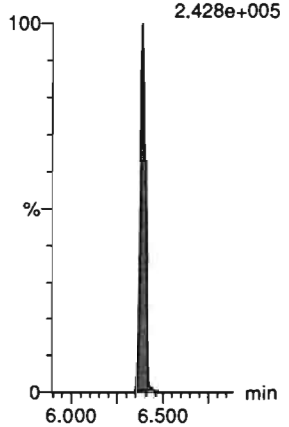
PFODA



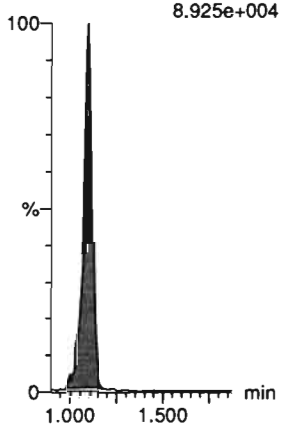
N-MeFOSE



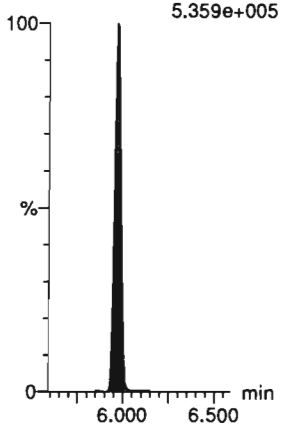
N-EtFOSE



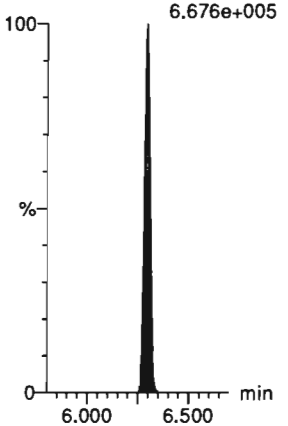
13C3-PFBA-RSD



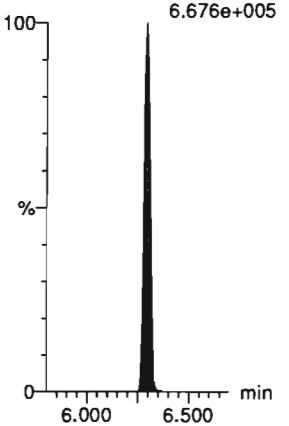
d5-N-ETFOSA-EIS



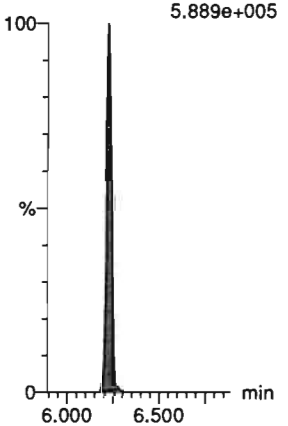
13C2-PFHxDA-EIS



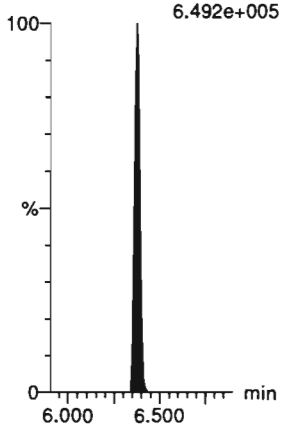
13C2-PFHxDA-EIS



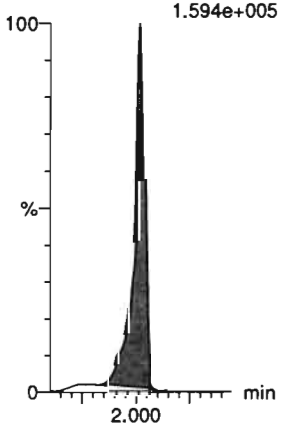
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



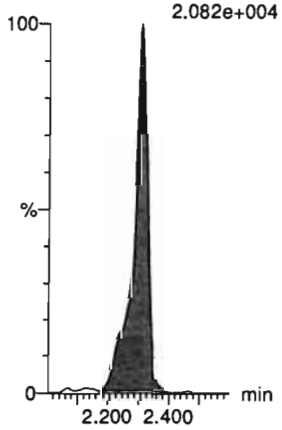
OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

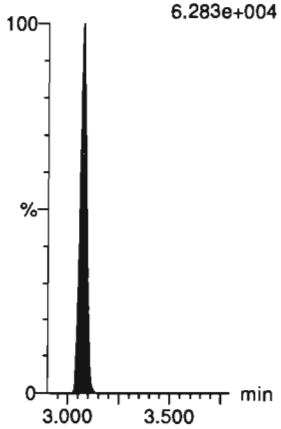
Last Altered: Monday, June 15, 2020 08:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:25:38 Pacific Daylight Time

Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

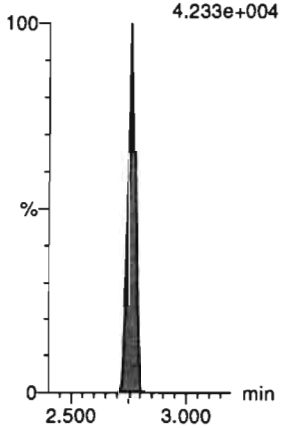
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.082e+004



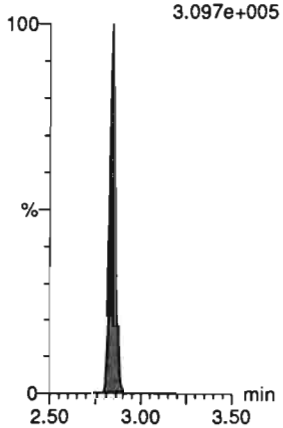
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.283e+004



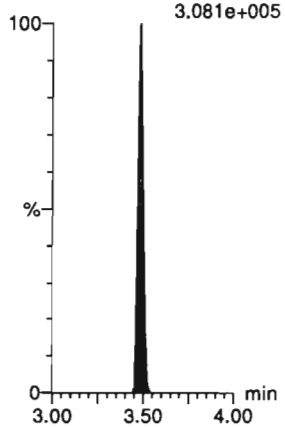
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
4.233e+004



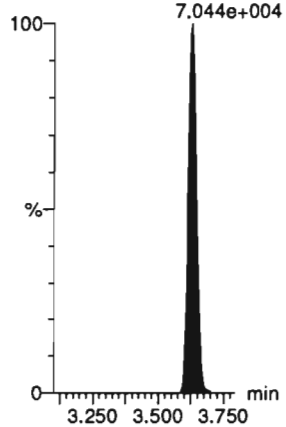
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.097e+005



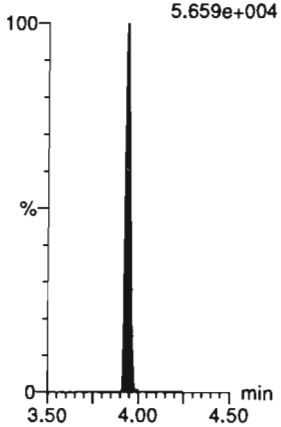
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.081e+005



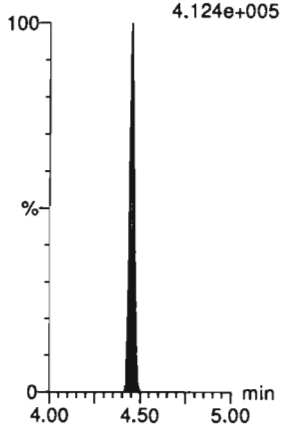
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.044e+004



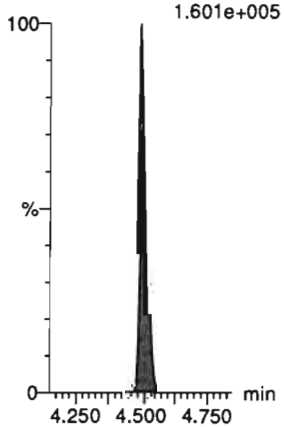
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.659e+004



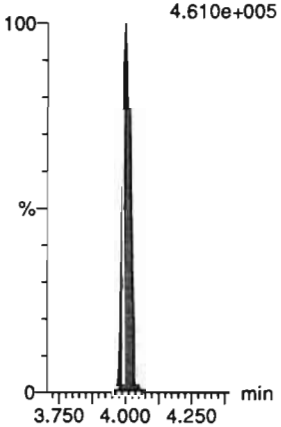
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
4.124e+005



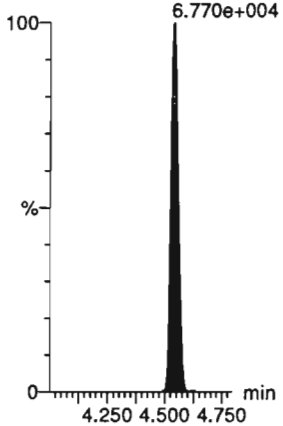
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.601e+005



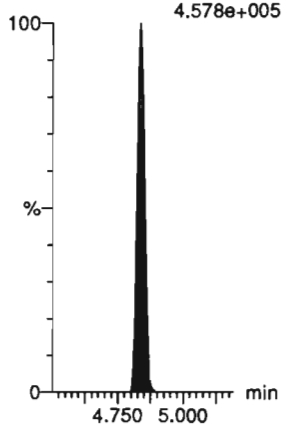
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.610e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.770e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.578e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

Last Altered: Monday, June 15, 2020 08:18:11 Pacific Daylight Time
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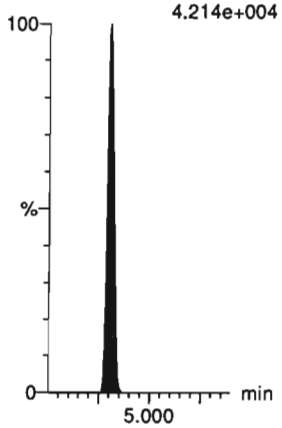
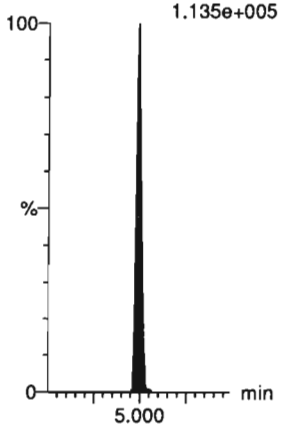
Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

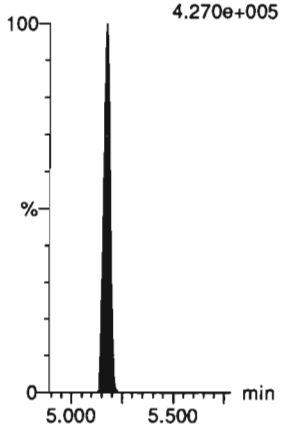
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.214e+004



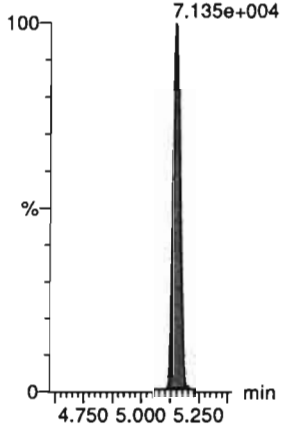
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.135e+005



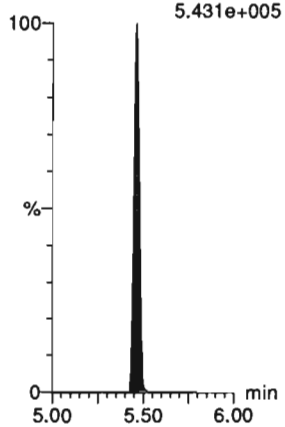
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.270e+005



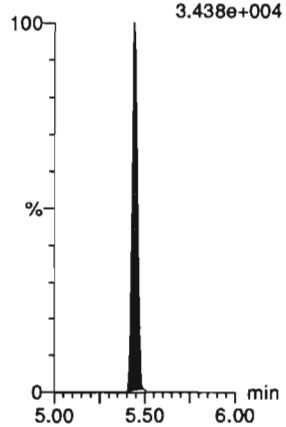
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
7.135e+004



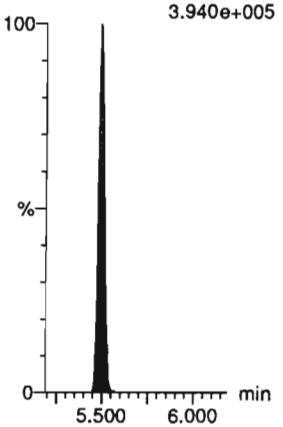
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.431e+005



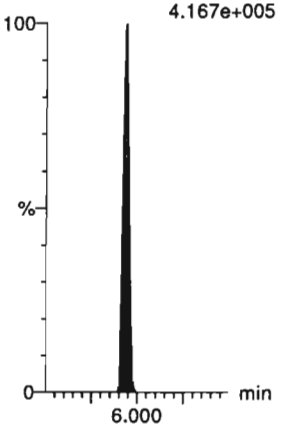
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
3.438e+004



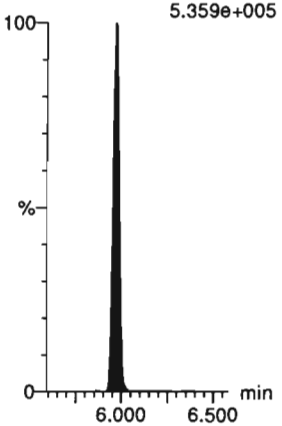
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.940e+005



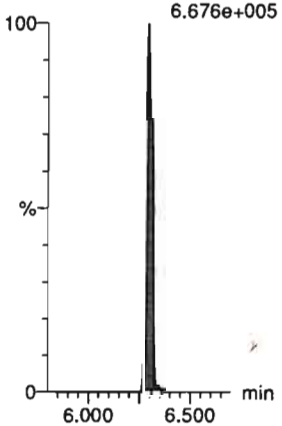
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.167e+005



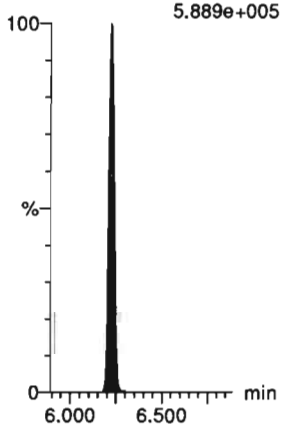
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.359e+005



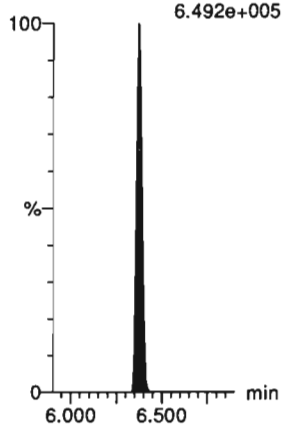
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.676e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
5.889e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
6.492e+005



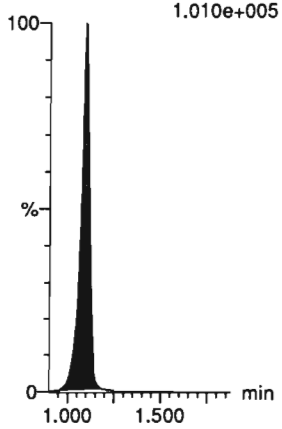
OPV 6/15/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-79.qld

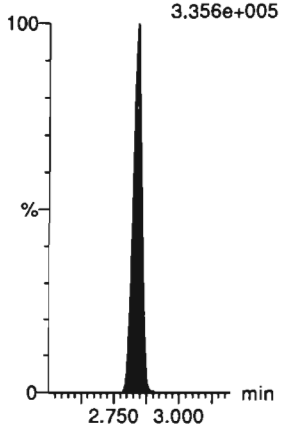
Last Altered: Monday, June 15, 2020 08:18:11 Pacific Daylight Time
Printed: Monday, June 15, 2020 08:25:38 Pacific Daylight Time

Name: 200612P1-79, Date: 12-Jun-2020, Time: 22:57:00, ID: ST200612P1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

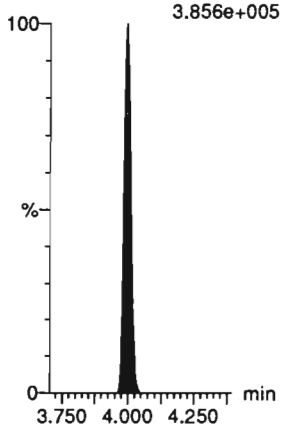
13C4-PFBA



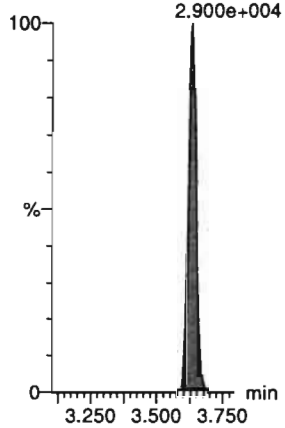
13C5-PFHxA



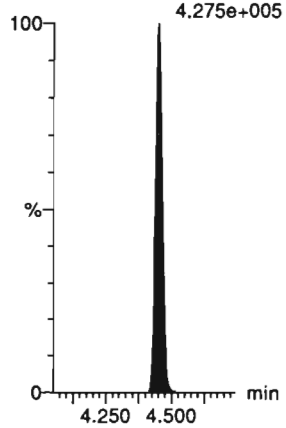
13C8-PFOA



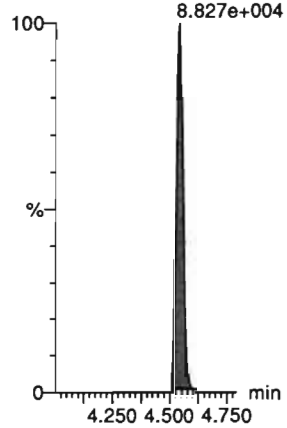
18O2-PFHxS



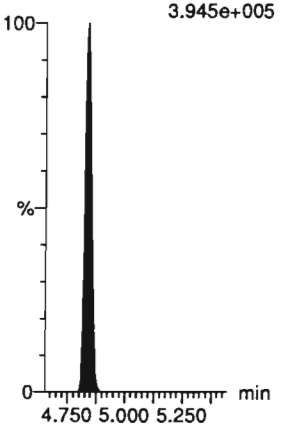
13C9-PFNA



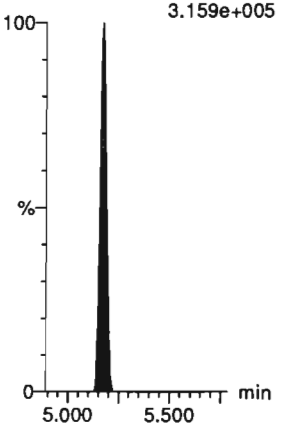
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/15/2020

INITIAL CALIBRATION

Low Points
PFOA: 0.5
10:2 FTS ↓
MePFOSA: 2.5
EtFOSA ↓

High points.
3:3 FTCA: 100
5:3 FTCA: ↓
7:3 FTCA:
6:2 FTS: 250
MeFOSAA: ↓
EtFOSAA: ↓

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:46:40 Pacific Daylight Time

PFPEA INVALID OPV 06/10/20

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Compound name: PFBA

✓ JR 06/09/2020

Correlation coefficient: r = 0.998700, r^2 = 0.997402
Calibration curve: 1.01252 * x + 0.0727244
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	1.15	100.054	3884.762	0.322	0.2	-1.5	NO	0.997	NO	MM
2	200608P1-6	Standard	0.500	1.15	173.885	3974.814	0.547	0.5	-6.4	NO	0.997	NO	bb
3	200608P1-7	Standard	1.000	1.15	348.314	4058.683	1.073	1.0	-1.2	NO	0.997	NO	MM
4	200608P1-8	Standard	2.000	1.15	659.584	3901.682	2.113	2.0	0.8	NO	0.997	NO	bb
5	200608P1-9	Standard	5.000	1.15	1696.410	4044.984	5.242	5.1	2.1	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	1.16	3639.999	4105.523	11.083	10.9	8.7	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	1.15	16776.910	4125.223	50.836	50.1	0.3	NO	0.997	NO	bb
8	200608P1-12	Standard	100.000	1.15	35067.816	4245.693	103.245	101.9	1.9	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	1.15	83829.391	4503.615	232.673	229.7	-8.1	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	1.15	171545.469	4093.431	523.844	517.3	3.5	NO	0.997	NO	MM

Compound name: PFPrS
Correlation coefficient: r = 0.997810, r^2 = 0.995624
Calibration curve: 0.857988 * x + -0.0653128
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	1.48	12.549	961.965	0.163	0.3	6.5	NO	0.996	NO	MM
2	200608P1-6	Standard	0.500	1.47	30.516	1068.688	0.357	0.5	-1.6	NO	0.996	NO	MM
3	200608P1-7	Standard	1.000	1.48	65.237	1147.710	0.711	0.9	-9.6	NO	0.996	NO	bb
4	200608P1-8	Standard	2.000	1.47	118.678	1100.853	1.348	1.6	-17.7	NO	0.996	NO	bb
5	200608P1-9	Standard	5.000	1.48	363.028	1094.690	4.145	4.9	-1.8	NO	0.996	NO	bb
6	200608P1-10	Standard	10.000	1.48	773.248	1051.931	9.188	10.8	7.9	NO	0.996	NO	MM
7	200608P1-11	Standard	50.000	1.48	3661.465	1239.194	36.934	43.1	-13.8	NO	0.996	NO	MM
8	200608P1-12	Standard	100.000	1.48	7659.861	1084.472	88.290	103.0	3.0	NO	0.996	NO	bb
9	200608P1-13	Standard	250.000	1.48	18452.525	1171.000	196.974	229.7	-8.1	NO	0.996	NO	MM
10	200608P1-14	Standard	500.000	1.48	34578.090	961.543	449.513	524.0	4.8	NO	0.996	NO	db

OV 06/09/20

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999608
Calibration curve: 7.80354e-005 * x^2 + 0.118502 * x + 0.00287572
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	1.92	23.839	8083.168	0.037	0.3	14.7	NO	1.000	NO	MM
2	200608P1-6	Standard	0.500	1.94	44.891	9123.382	0.062	0.5	-1.1	NO	1.000	NO	MM
3	200608P1-7	Standard	1.000	1.95	75.521	9269.359	0.102	0.8	-16.5	NO	1.000	NO	MM
4	200608P1-8	Standard	2.000	1.94	178.799	8639.844	0.259	2.2	7.8	NO	1.000	NO	MM
5	200608P1-9	Standard	5.000	1.95	436.762	8671.919	0.630	5.3	5.4	NO	1.000	NO	bb
6	200608P1-10	Standard	10.000	1.95	853.313	8891.667	1.200	10.0	0.3	NO	1.000	NO	bb
7	200608P1-11	Standard	50.000	1.94	4512.076	9322.455	6.050	49.4	-1.2	NO	1.000	NO	bb
8	200608P1-12	Standard	100.000	1.95	9575.156	9448.315	12.668	100.3	0.3	NO	1.000	NO	bb
9	200608P1-13	Standard	250.000	1.95	4731.089	9927.080	5.957	48.7	-80.5	YES	1.000	NO	MMX
10	200608P1-14	Standard	500.000	1.95	9068.684	8632.718	13.131	103.7	-79.3	YES	1.000	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998595
Calibration curve: 7.66649e-005 * x^2 + 0.877054 * x + 0.0557871
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	2.08	172.996	8083.168	0.268	0.2	-3.4	NO	0.999	NO	MM
2	200608P1-6	Standard	0.500	2.08	352.028	9123.382	0.482	0.5	-2.7	NO	0.999	NO	MM
3	200608P1-7	Standard	1.000	2.08	711.090	9269.359	0.959	1.0	3.0	NO	0.999	NO	MM
4	200608P1-8	Standard	2.000	2.08	1300.997	8639.844	1.882	2.1	4.1	NO	0.999	NO	MM
5	200608P1-9	Standard	5.000	2.08	3396.729	8671.919	4.896	5.5	10.3	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	2.08	7070.796	8891.667	9.940	11.3	12.6	NO	0.999	NO	MM
7	200608P1-11	Standard	50.000	2.08	32782.605	9322.455	43.957	49.8	-0.3	NO	0.999	NO	MM
8	200608P1-12	Standard	100.000	2.08	70977.188	9448.315	93.902	106.0	6.0	NO	0.999	NO	MM
9	200608P1-13	Standard	250.000	2.08	168799.219	9927.080	212.549	237.4	-5.1	NO	0.999	NO	MM
10	200608P1-14	Standard	500.000	2.08	319370.813	8632.718	462.442	504.9	1.0	NO	0.999	NO	MM

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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Compound name: PFBS
Correlation coefficient: r = 0.998490, r^2 = 0.996982
Calibration curve: 2.48547 * x + 0.0638757
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	2.36	54.571	961.965	0.709	0.3	3.8	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	2.36	114.187	1068.688	1.336	0.5	2.3	NO	0.997	NO	MM
3	200608P1-7	Standard	1.000	2.36	223.750	1147.710	2.437	1.0	-4.5	NO	0.997	NO	MM
4	200608P1-8	Standard	2.000	2.36	450.188	1100.853	5.112	2.0	1.5	NO	0.997	NO	MM
5	200608P1-9	Standard	5.000	2.36	1071.414	1094.690	12.234	4.9	-2.1	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	2.37	2394.999	1051.931	28.460	11.4	14.2	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	2.36	11508.830	1239.194	116.092	46.7	-6.6	NO	0.997	NO	MM
8	200608P1-12	Standard	100.000	2.36	22914.158	1084.472	264.117	106.2	6.2	NO	0.997	NO	MM
9	200608P1-13	Standard	250.000	2.37	53730.293	1171.000	573.551	230.7	-7.7	NO	0.997	NO	MM
10	200608P1-14	Standard	500.000	2.37	98470.695	961.543	1280.113	515.0	3.0	NO	0.997	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.997947
Calibration curve: 0.000127186 * x^2 + 1.1886 * x + -0.0107694
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	2.80	24.492	1104.125	0.277	0.2	-3.1	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	2.79	50.102	1304.574	0.480	0.4	-17.4	NO	0.998	NO	MM
3	200608P1-7	Standard	1.000	2.80	112.048	1329.515	1.053	0.9	-10.5	NO	0.998	NO	MM
4	200608P1-8	Standard	2.000	2.80	234.535	1270.840	2.307	1.9	-2.5	NO	0.998	NO	MM
5	200608P1-9	Standard	5.000	2.80	586.965	1204.364	6.092	5.1	2.6	NO	0.998	NO	bb
6	200608P1-10	Standard	10.000	2.80	1351.449	1157.075	14.600	12.3	22.8	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	2.80	6780.707	1355.183	62.544	52.3	4.7	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	2.80	12236.881	1216.169	125.773	104.7	4.7	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	2.80	27132.693	1186.039	285.959	234.7	-6.1	NO	0.998	NO	bb
10	200608P1-14	Standard	500.000	2.81	45605.727	898.908	634.182	506.2	1.2	NO	0.998	NO	bb

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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Compound name: PFHxA
Correlation coefficient: r = 0.998984, r^2 = 0.997970
Calibration curve: 0.983766 * x + 0.0679695
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	2.88	264.440	10096.530	0.327	0.3	5.5	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	2.87	458.286	11125.432	0.515	0.5	-9.1	NO	0.998	NO	bb
3	200608P1-7	Standard	1.000	2.88	997.445	11532.965	1.081	1.0	3.0	NO	0.998	NO	bb
4	200608P1-8	Standard	2.000	2.87	1862.294	11105.886	2.096	2.1	3.1	NO	0.998	NO	bb
5	200608P1-9	Standard	5.000	2.88	4751.577	10991.276	5.404	5.4	8.5	NO	0.998	NO	bb
6	200608P1-10	Standard	10.000	2.88	9797.920	11021.193	11.113	11.2	12.3	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	2.88	48692.684	12256.526	49.660	50.4	0.8	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	2.88	95758.891	11182.085	107.045	108.7	8.7	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	2.88	225102.281	12143.026	231.720	235.5	-5.8	NO	0.998	NO	bb
10	200608P1-14	Standard	500.000	2.88	418110.031	10546.530	495.554	503.7	0.7	NO	0.998	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.997494
Calibration curve: -0.000303059 * x^2 + 2.01325 * x + 0.0520003
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	3.09	31.497	961.965	0.409	0.2	-29.0	NO	0.997	NO	MM
2	200608P1-6	Standard	0.500	3.10	91.997	1068.688	1.076	0.5	1.7	NO	0.997	NO	bb
3	200608P1-7	Standard	1.000	3.09	189.545	1147.710	2.064	1.0	-0.0	NO	0.997	NO	bb
4	200608P1-8	Standard	2.000	3.09	423.958	1100.853	4.814	2.4	18.3	NO	0.997	NO	bb
5	200608P1-9	Standard	5.000	3.09	955.158	1094.690	10.907	5.4	7.9	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	3.09	1887.493	1051.931	22.429	11.1	11.3	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	3.09	9470.489	1239.194	95.531	47.8	-4.5	NO	0.997	NO	bb
8	200608P1-12	Standard	100.000	3.09	18801.695	1084.472	216.715	109.4	9.4	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	3.09	42695.215	1171.000	455.756	234.6	-6.1	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	3.10	72458.609	961.543	941.957	506.5	1.3	NO	0.997	NO	bb

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.996940
Calibration curve: -2.34794e-005 * x^2 + 0.913873 * x + 0.0342944
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	3.10	30.175	1770.123	0.213	0.2	-21.7	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	3.11	66.865	1969.613	0.424	0.4	-14.6	NO	0.997	NO	bb
3	200608P1-7	Standard	1.000	3.10	155.606	1933.426	1.006	1.1	6.3	NO	0.997	NO	bb
4	200608P1-8	Standard	2.000	3.10	317.746	2035.507	1.951	2.1	4.9	NO	0.997	NO	bb
5	200608P1-9	Standard	5.000	3.10	780.764	1874.565	5.206	5.7	13.2	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	3.11	1636.532	1818.976	11.246	12.3	22.7	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	3.10	7917.736	2077.683	47.636	52.2	4.3	NO	0.997	NO	bb
8	200608P1-12	Standard	100.000	3.10	16271.229	2102.589	96.733	106.1	6.1	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	3.11	37569.746	2243.796	209.298	230.3	-7.9	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	3.11	68203.883	1858.962	458.615	508.4	1.7	NO	0.997	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998941
Calibration curve: 0.000257569 * x^2 + 0.23013 * x + -0.00210229
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	3.44	35.231	9051.944	0.049	0.2	-11.8	NO	0.999	NO	bb
2	200608P1-6	Standard	0.500	3.45	98.797	10605.042	0.116	0.5	3.0	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	3.45	187.987	10497.982	0.224	1.0	-1.9	NO	0.999	NO	bb
4	200608P1-8	Standard	2.000	3.44	377.254	10581.098	0.446	1.9	-2.9	NO	0.999	NO	bb
5	200608P1-9	Standard	5.000	3.45	967.295	9579.034	1.262	5.5	9.2	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	3.45	2000.128	10002.706	2.499	10.7	7.4	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	3.45	9893.083	10594.497	11.672	48.1	-3.7	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	3.44	20047.172	9711.998	25.802	100.8	0.8	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	3.45	10273.981	10630.305	12.081	49.7	-80.1	YES	0.999	NO	bbX
10	200608P1-14	Standard	500.000	3.45	19470.990	8412.790	28.931	111.7	-77.7	YES	0.999	NO	bbX

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Compound name: PFHpA
Correlation coefficient: r = 0.998883, r^2 = 0.997767
Calibration curve: 1.26362 * x + 0.120052
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

			Conc.	RT	Area	IS Area	Response	Conc.	Dev.	Conc. Flag	COD		
1	200608P1-5	Standard	0.250	3.50	292.367	9051.944	0.404	0.2	-10.2	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	3.50	617.895	10605.042	0.728	0.5	-3.7	NO	0.998	NO	bb
3	200608P1-7	Standard	1.000	3.51	1124.510	10497.982	1.339	1.0	-3.5	NO	0.998	NO	bb
4	200608P1-8	Standard	2.000	3.50	2176.131	10581.098	2.571	1.9	-3.0	NO	0.998	NO	bb
5	200608P1-9	Standard	5.000	3.51	5278.770	9579.034	6.888	5.4	7.1	NO	0.998	NO	bb
6	200608P1-10	Standard	10.000	3.51	11250.162	10002.706	14.059	11.0	10.3	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	3.51	53160.293	10594.497	62.722	49.5	-0.9	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	3.51	107204.273	9711.998	137.979	109.1	9.1	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	3.50	251855.234	10630.305	296.152	234.3	-6.3	NO	0.998	NO	bb
10	200608P1-14	Standard	500.000	3.51	430269.563	8412.790	639.309	505.8	1.2	NO	0.998	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.996665
Calibration curve: 0.000334169 * x^2 + 2.24444 * x + 0.170737
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	3.61	441.248	9051.944	0.609	0.2	-21.8	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	3.61	1039.260	10605.042	1.225	0.5	-6.1	NO	0.997	NO	bb
3	200608P1-7	Standard	1.000	3.62	2146.391	10497.982	2.556	1.1	6.2	NO	0.997	NO	bb
4	200608P1-8	Standard	2.000	3.61	3892.711	10581.098	4.599	2.0	-1.4	NO	0.997	NO	bb
5	200608P1-9	Standard	5.000	3.61	9803.507	9579.034	12.793	5.6	12.4	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	3.62	19092.131	10002.706	23.859	10.5	5.4	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	3.62	96475.898	10594.497	113.828	50.3	0.5	NO	0.997	NO	bb
8	200608P1-12	Standard	100.000	3.61	197192.078	9711.998	253.800	111.2	11.2	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	3.61	454836.000	10630.305	534.834	230.3	-7.9	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	3.62	824002.813	8412.790	1224.330	507.1	1.4	NO	0.997	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998192
Calibration curve: 0.000177576 * x^2 + 1.04652 * x + -0.0633494
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	3.65	20.584	1977.910	0.130	0.2	-26.1	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	3.65	78.723	2111.496	0.466	0.5	1.2	NO	0.998	NO	MM
3	200608P1-7	Standard	1.000	3.65	155.210	2288.412	0.848	0.9	-12.9	NO	0.998	NO	MM
4	200608P1-8	Standard	2.000	3.65	416.968	2005.712	2.599	2.5	27.1	NO	0.998	NO	MM
5	200608P1-9	Standard	5.000	3.65	919.841	2180.702	5.273	5.1	1.9	NO	0.998	NO	MM
6	200608P1-10	Standard	10.000	3.65	1940.400	2167.747	11.189	10.7	7.3	NO	0.998	NO	MM
7	200608P1-11	Standard	50.000	3.65	9919.042	2419.610	51.243	48.6	-2.8	NO	0.998	NO	MM
8	200608P1-12	Standard	100.000	3.65	19749.875	2137.783	115.481	108.4	8.4	NO	0.998	NO	MM
9	200608P1-13	Standard	250.000	3.65	44808.145	2168.672	258.269	237.3	-5.1	NO	0.998	NO	MM
10	200608P1-14	Standard	500.000	3.66	75921.063	1655.958	573.090	504.5	0.9	NO	0.998	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.998435
Calibration curve: -0.000867611 * x^2 + 1.2956 * x + -0.120731
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	3.94	14.357	1362.057	0.132	0.2	-22.0	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	3.95	78.683	1483.353	0.663	0.6	21.0	NO	0.998	NO	bb
3	200608P1-7	Standard	1.000	3.95	149.068	1515.132	1.230	1.0	4.3	NO	0.998	NO	bb
4	200608P1-8	Standard	2.000	3.95	287.580	1476.458	2.435	2.0	-1.2	NO	0.998	NO	bb
5	200608P1-9	Standard	5.000	3.95	713.650	1387.819	6.428	5.1	1.4	NO	0.998	NO	bb
6	200608P1-10	Standard	10.000	3.95	1397.258	1377.772	12.677	9.9	-0.6	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	3.95	6918.602	1492.555	57.943	46.2	-7.5	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	3.95	13155.630	1298.485	126.644	105.3	5.3	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	3.95	28504.938	1328.966	268.112	248.3	-0.7	NO	0.998	NO	bb
10	200608P1-14	Standard	500.000	3.96	49798.523	1148.021	542.221			NO	0.998	NO	bbXI

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.993581
Calibration curve: 7.94518e-005 * x^2 + 0.954046 * x + -0.087525
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Codes
1	200608P1-5	Standard	0.250	4.00	315.658	11802.910	0.334	0.4	76.9	YES	0.994	NO	dbX
2	200608P1-6	Standard	0.500	4.01	285.529	13825.185	0.258	0.4	-27.5	NO	0.994	NO	MM
3	200608P1-7	Standard	1.000	4.01	1089.817	13386.632	1.018	1.2	15.8	NO	0.994	NO	bb
4	200608P1-8	Standard	2.000	4.01	1748.194	12805.287	1.707	1.9	-6.0	NO	0.994	NO	bb
5	200608P1-9	Standard	5.000	4.01	5423.024	13333.895	5.084	5.4	8.4	NO	0.994	NO	bb
6	200608P1-10	Standard	10.000	4.01	10602.215	13004.670	10.191	10.8	7.6	NO	0.994	NO	bd
7	200608P1-11	Standard	50.000	4.01	51218.734	14692.141	43.577	45.6	-8.8	NO	0.994	NO	MM
8	200608P1-12	Standard	100.000	4.01	104563.633	11521.794	113.441	117.8	17.8	NO	0.994	NO	bb
9	200608P1-13	Standard	250.000	4.01	232634.453	13142.806	221.256	227.7	-8.9	NO	0.994	NO	bb
10	200608P1-14	Standard	500.000	4.01	399082.625	9882.108	504.805	507.7	1.5	NO	0.994	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.995394
Calibration curve: 4.60767e-005 * x^2 + 0.185273 * x + 0.00209774
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Codes
1	200608P1-5	Standard	0.250	4.01	35.342	11802.910	0.037	0.2	-23.7	NO	0.995	NO	bb
2	200608P1-6	Standard	0.500	4.02	100.317	13825.185	0.091	0.5	-4.4	NO	0.995	NO	bb
3	200608P1-7	Standard	1.000	4.03	207.172	13386.632	0.193	1.0	3.3	NO	0.995	NO	bb
4	200608P1-8	Standard	2.000	4.02	444.985	12805.287	0.434	2.3	16.6	NO	0.995	NO	bb
5	200608P1-9	Standard	5.000	4.02	1039.679	13333.895	0.975	5.2	4.8	NO	0.995	NO	bb
6	200608P1-10	Standard	10.000	4.03	2054.125	13004.670	1.974	10.6	6.2	NO	0.995	NO	bb
7	200608P1-11	Standard	50.000	4.03	10206.624	14692.141	8.684	46.3	-7.4	NO	0.995	NO	bb
8	200608P1-12	Standard	100.000	4.02	20274.578	11521.794	21.996	115.4	15.4	NO	0.995	NO	bb
9	200608P1-13	Standard	250.000	4.02	47552.582	13142.806	45.227	230.8	-7.7	NO	0.995	NO	bb
10	200608P1-14	Standard	500.000	4.03	83491.992	9882.108	105.610	506.3	1.3	NO	0.995	NO	bb

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.997017
Calibration curve: 7.08083e-005 * x^2 + 0.91818 * x + 0.0496443
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.12	34.776	1977.354	0.220	0.2	-25.9	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	4.12	99.681	2100.725	0.593	0.6	18.4	NO	0.997	NO	bb
3	200608P1-7	Standard	1.000	4.12	198.599	2331.066	1.065	1.1	10.6	NO	0.997	NO	bb
4	200608P1-8	Standard	2.000	4.12	309.947	2297.997	1.686	1.8	-10.9	NO	0.997	NO	bb
5	200608P1-9	Standard	5.000	4.12	838.517	2126.377	4.929	5.3	6.2	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	4.13	1915.372	2162.971	11.069	12.0	19.9	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	4.13	8870.054	2394.735	46.300	50.2	0.4	NO	0.997	NO	bb
8	200608P1-12	Standard	100.000	4.12	16573.215	2054.676	100.826	108.8	8.8	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	4.13	37812.156	2182.913	216.523	231.6	-7.3	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	4.13	68412.648	1767.276	483.885	507.1	1.4	NO	0.997	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998490
Calibration curve: 3.15872e-005 * x^2 + 0.245093 * x + -0.00639886
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.43	33.240	10391.796	0.040	0.2	-24.3	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	4.44	139.137	11502.717	0.151	0.6	28.6	NO	0.998	NO	bb
3	200608P1-7	Standard	1.000	4.43	206.000	12056.394	0.214	0.9	-10.3	NO	0.998	NO	bb
4	200608P1-8	Standard	2.000	4.44	438.336	11716.611	0.468	1.9	-3.3	NO	0.998	NO	bb
5	200608P1-9	Standard	5.000	4.44	1142.733	11474.525	1.245	5.1	2.0	NO	0.998	NO	bb
6	200608P1-10	Standard	10.000	4.44	2372.409	11000.782	2.696	11.0	10.1	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	4.44	11807.712	12429.279	11.875	48.2	-3.6	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	4.43	23565.389	11773.596	25.019	100.8	0.8	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	4.43	11722.772	11845.058	12.371	50.2	-79.9	YES	0.998	NO	bbX
10	200608P1-14	Standard	500.000	4.44	22519.434	9774.220	28.800	115.8	-76.8	YES	0.998	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.998514
Calibration curve: 0.000126553 * x^2 + 1.13505 * x + 0.1233
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.45	269.942	10391.796	0.325	0.2	-29.0	NO	0.999	NO	MM
2	200608P1-6	Standard	0.500	4.45	707.791	11502.717	0.769	0.6	13.8	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	4.45	1162.898	12056.394	1.206	1.0	-4.7	NO	0.999	NO	bb
4	200608P1-8	Standard	2.000	4.45	2226.573	11716.611	2.375	2.0	-0.8	NO	0.999	NO	bb
5	200608P1-9	Standard	5.000	4.45	5467.640	11474.525	5.956	5.1	2.7	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	4.45	11499.437	11000.782	13.067	11.4	13.9	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	4.45	58721.250	12429.279	59.055	51.6	3.2	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	4.45	113902.313	11773.596	120.930	105.2	5.2	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	4.45	261096.469	11845.058	275.533	236.4	-5.4	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	4.46	473849.000	9774.220	605.993	505.3	1.1	NO	0.999	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999058
Calibration curve: -9.87111e-006 * x^2 + 0.642465 * x + 0.0504126
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.50	49.816	3352.742	0.186	0.2	-15.8	NO	0.999	NO	bb
2	200608P1-6	Standard	0.500	4.50	115.894	3674.162	0.394	0.5	7.0	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	4.50	207.021	3711.733	0.697	1.0	0.7	NO	0.999	NO	bb
4	200608P1-8	Standard	2.000	4.50	363.043	3483.226	1.303	1.9	-2.5	NO	0.999	NO	bb
5	200608P1-9	Standard	5.000	4.50	1004.078	3600.073	3.486	5.3	7.0	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	4.50	1866.740	3479.667	6.706	10.4	3.6	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	4.50	9277.912	3751.491	30.914	48.1	-3.9	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	4.50	19389.377	3543.160	68.404	106.6	6.6	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	4.50	45739.156	3695.636	154.707	241.6	-3.4	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	4.50	83025.922	3235.495	320.762	503.1	0.6	NO	0.999	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998104
Calibration curve: 9.14691e-005 * x^2 + 1.19516 * x + 0.165611
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.54	87.501	1977.354	0.553	0.3	29.7	NO	0.998	NO	MM
2	200608P1-6	Standard	0.500	4.54	125.779	2100.725	0.748	0.5	-2.5	NO	0.998	NO	MM
3	200608P1-7	Standard	1.000	4.54	206.678	2331.066	1.108	0.8	-21.1	NO	0.998	NO	MM
4	200608P1-8	Standard	2.000	4.54	401.640	2297.997	2.185	1.7	-15.5	NO	0.998	NO	MM
5	200608P1-9	Standard	5.000	4.54	991.730	2126.377	5.830	4.7	-5.2	NO	0.998	NO	MM
6	200608P1-10	Standard	10.000	4.54	2373.760	2162.971	13.718	11.3	13.3	NO	0.998	NO	MM
7	200608P1-11	Standard	50.000	4.54	11117.465	2394.735	58.031	48.2	-3.5	NO	0.998	NO	MM
8	200608P1-12	Standard	100.000	4.54	21581.592	2054.676	131.296	108.8	8.8	NO	0.998	NO	MM
9	200608P1-13	Standard	250.000	4.54	50638.125	2182.913	289.969	238.1	-4.7	NO	0.998	NO	MM
10	200608P1-14	Standard	500.000	4.55	88506.406	1767.276	626.009	504.2	0.8	NO	0.998	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997059
Calibration curve: 0.000127396 * x^2 + 2.67229 * x + -0.0347463
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.76	78.208	1977.354	0.494	0.2	-20.8	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	4.76	258.918	2100.725	1.541	0.6	17.9	NO	0.997	NO	bb
3	200608P1-7	Standard	1.000	4.76	415.564	2331.066	2.228	0.8	-15.3	NO	0.997	NO	bb
4	200608P1-8	Standard	2.000	4.76	953.148	2297.997	5.185	2.0	-2.4	NO	0.997	NO	bb
5	200608P1-9	Standard	5.000	4.76	2506.013	2126.377	14.732	5.5	10.5	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	4.76	4925.549	2162.971	28.465	10.7	6.6	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	4.76	25229.848	2394.735	131.694	49.2	-1.6	NO	0.997	NO	bb
8	200608P1-12	Standard	100.000	4.76	48943.531	2054.676	297.757	110.9	10.9	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	4.76	109624.219	2182.913	627.740	232.3	-7.1	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	4.77	196012.969	1767.276	1386.406	506.6	1.3	NO	0.997	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999264
Calibration curve: -0.000144044 * x^2 + 0.90698 * x + 0.0513748
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.83	280.814	13098.685	0.268	0.2	-4.5	NO	0.999	NO	bb
2	200608P1-6	Standard	0.500	4.83	536.705	14285.397	0.470	0.5	-7.8	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	4.83	1256.132	13808.190	1.137	1.2	19.7	NO	0.999	NO	MM
4	200608P1-8	Standard	2.000	4.84	2204.786	13847.707	1.990	2.1	6.9	NO	0.999	NO	MM
5	200608P1-9	Standard	5.000	4.83	4841.837	13210.359	4.581	5.0	-0.0	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	4.84	10619.855	13085.039	10.145	11.1	11.5	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	4.84	50994.531	15048.001	42.360	47.0	-6.0	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	4.83	101975.070	13713.294	92.953	104.2	4.2	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	4.83	231074.266	13482.254	214.239	245.7	-1.7	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	4.84	417262.906	12453.366	418.825	501.7	0.3	NO	0.999	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999263
Calibration curve: -0.00042727 * x^2 + 0.872157 * x + -0.0790341
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.79	8.054	1283.272	0.078	0.2	-27.8	NO	0.999	NO	bb
2	200608P1-6	Standard	0.500	4.79	26.644	1174.878	0.283	0.4	-16.9	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	4.80	102.201	1299.849	0.983	1.2	21.8	NO	0.999	NO	bb
4	200608P1-8	Standard	2.000	4.80	197.832	1274.091	1.941	2.3	15.9	NO	0.999	NO	bb
5	200608P1-9	Standard	5.000	4.80	435.000	1196.447	4.545	5.3	6.3	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	4.80	951.085	1319.806	9.008	10.5	4.7	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	4.80	4510.441	1359.099	41.484	48.8	-2.4	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	4.80	8381.280	1314.483	79.701	96.0	-4.0	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	4.80	18623.783	1187.324	196.069	257.3	2.9	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	4.80	31930.869	1218.760	327.493	496.2	-0.8	NO	0.999	NO	bb

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Compound name: PFNS
Correlation coefficient: r = 0.998306, r^2 = 0.996615
Calibration curve: 1.22109 * x + 0.0133654
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.90	41.216	1977.354	0.261	0.2	-19.0	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	4.90	105.230	2100.725	0.626	0.5	0.4	NO	0.997	NO	bb
3	200608P1-7	Standard	1.000	4.90	245.559	2331.066	1.317	1.1	6.7	NO	0.997	NO	bb
4	200608P1-8	Standard	2.000	4.90	419.593	2297.997	2.282	1.9	-7.1	NO	0.997	NO	bb
5	200608P1-9	Standard	5.000	4.90	1184.487	2126.377	6.963	5.7	13.8	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	4.90	2327.284	2162.971	13.450	11.0	10.0	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	4.90	11742.590	2394.735	61.294	50.2	0.4	NO	0.997	NO	bb
8	200608P1-12	Standard	100.000	4.90	21099.566	2054.676	128.363	105.1	5.1	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	4.90	48431.633	2182.913	277.334	227.1	-9.2	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	4.90	89088.344	1767.276	630.125	516.0	3.2	NO	0.997	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.996678
Calibration curve: -0.000415779 * x^2 + 1.22972 * x + -0.0262713
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	4.99	44.732	2876.423	0.194	0.2	-28.2	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	4.99	158.245	3148.410	0.628	0.5	6.5	NO	0.997	NO	MM
3	200608P1-7	Standard	1.000	4.99	354.685	3733.002	1.188	1.0	-1.3	NO	0.997	NO	MM
4	200608P1-8	Standard	2.000	4.99	669.414	3265.977	2.562	2.1	5.3	NO	0.997	NO	MM
5	200608P1-9	Standard	5.000	4.99	1660.795	3058.840	6.787	5.6	11.0	NO	0.997	NO	MM
6	200608P1-10	Standard	10.000	4.99	3387.686	3317.989	12.763	10.4	4.4	NO	0.997	NO	MM
7	200608P1-11	Standard	50.000	4.99	16331.855	3843.441	53.116	43.9	-12.3	NO	0.997	NO	MM
8	200608P1-12	Standard	100.000	4.99	32621.527	3224.528	126.459	106.7	6.7	NO	0.997	NO	MM
9	200608P1-13	Standard	250.000	4.99	75247.203	3361.974	279.773	248.4	-0.6	NO	0.997	NO	MM
10	200608P1-14	Standard	500.000	4.99	134340.984	2989.795	561.665	564.5	12.9	NO	0.997	NO	MMX

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999688
Calibration curve: -0.00206737 * x^2 + 2.25714 * x + -0.171411
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

				RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	Acc	
1	200608P1-5	Standard	0.250	5.14	43.988	2039.939	0.270	0.2	-21.8	NO	1.000	NO	bb
2	200608P1-6	Standard	0.500	5.14	209.345	2207.054	1.186	0.6	20.3	NO	1.000	NO	MM
3	200608P1-7	Standard	1.000	5.15	434.348	2464.982	2.203	1.1	5.3	NO	1.000	NO	MM
4	200608P1-8	Standard	2.000	5.14	726.449	2325.110	3.905	1.8	-9.5	NO	1.000	NO	MM
5	200608P1-9	Standard	5.000	5.15	1927.147	2131.353	11.302	5.1	2.1	NO	1.000	NO	MM
6	200608P1-10	Standard	10.000	5.14	4157.908	2253.333	23.065	10.4	3.9	NO	1.000	NO	MM
7	200608P1-11	Standard	50.000	5.15	19235.576	2216.799	108.465	50.5	0.9	NO	1.000	NO	MM
8	200608P1-12	Standard	100.000	5.14	38138.457	2358.251	202.154	98.5	-1.5	NO	1.000	NO	MM
9	200608P1-13	Standard	250.000	5.14	81502.023	2337.918	435.762	250.7	0.3	NO	1.000	NO	MM
10	200608P1-14	Standard	500.000	5.15	144494.063	1782.797	1013.114			NO	1.000	NO	MMXI

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999049
Calibration curve: -9.38186e-005 * x^2 + 0.968428 * x + 0.0778855
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

				RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	Acc	
1	200608P1-5	Standard	0.250	5.15	321.383	13604.257	0.295	0.2	-10.2	NO	0.999	NO	bb
2	200608P1-6	Standard	0.500	5.16	717.413	15685.943	0.572	0.5	2.0	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	5.16	1192.081	15185.789	0.981	0.9	-6.7	NO	0.999	NO	bb
4	200608P1-8	Standard	2.000	5.16	2490.323	15105.961	2.061	2.0	2.4	NO	0.999	NO	MM
5	200608P1-9	Standard	5.000	5.16	6234.500	15125.978	5.152	5.2	4.8	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	5.16	12113.745	14407.853	10.510	10.8	7.8	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	5.16	60761.719	16284.479	46.641	48.3	-3.4	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	5.16	119080.422	14625.896	101.772	106.1	6.1	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	5.16	281613.531	15432.507	228.101	241.1	-3.6	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	5.16	491802.844	13250.875	463.934	503.5	0.7	NO	0.999	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.994375
Calibration curve: 7.3537e-005 * x^2 + 0.995924 * x + 0.0418057
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	5.20	43.365	1977.354	0.274	0.2	-6.7	NO	0.994	NO	bb
2	200608P1-6	Standard	0.500	5.20	103.969	2100.725	0.619	0.6	15.8	NO	0.994	NO	bb
3	200608P1-7	Standard	1.000	5.21	196.870	2331.066	1.056	1.0	1.8	NO	0.994	NO	bb
4	200608P1-8	Standard	2.000	5.21	293.818	2297.997	1.598	1.6	-21.9	NO	0.994	NO	bb
5	200608P1-9	Standard	5.000	5.21	954.975	2126.377	5.614	5.6	11.9	NO	0.994	NO	bb
6	200608P1-10	Standard	10.000	5.21	1977.023	2162.971	11.425	11.4	14.2	NO	0.994	NO	bb
7	200608P1-11	Standard	50.000	5.21	8905.589	2394.735	46.485	46.5	-7.1	NO	0.994	NO	bb
8	200608P1-12	Standard	100.000	5.21	19134.494	2054.676	116.408	115.9	15.9	NO	0.994	NO	bb
9	200608P1-13	Standard	250.000	5.21	40354.938	2182.913	231.084	228.1	-8.7	NO	0.994	NO	bb
10	200608P1-14	Standard	500.000	5.21	74192.891	1767.276	524.769	507.8	1.6	NO	0.994	NO	bb

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.997824
Calibration curve: -4.08646e-005 * x^2 + 0.252389 * x + 0.0110017
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	5.37	85.337	16307.256	0.065	0.2	-13.8	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	5.37	197.255	16861.184	0.146	0.5	7.2	NO	0.998	NO	bb
3	200608P1-7	Standard	1.000	5.37	362.217	18708.354	0.242	0.9	-8.5	NO	0.998	NO	bb
4	200608P1-8	Standard	2.000	5.38	726.593	16734.799	0.543	2.1	5.4	NO	0.998	NO	bb
5	200608P1-9	Standard	5.000	5.37	1868.244	17003.426	1.373	5.4	8.1	NO	0.998	NO	bb
6	200608P1-10	Standard	10.000	5.38	3727.447	16143.965	2.886	11.4	14.1	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	5.38	17992.221	17065.018	13.179	52.6	5.2	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	5.37	35670.285	17094.707	26.083	105.1	5.1	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	5.38	79708.789	17638.947	56.486	232.5	-7.0	NO	0.998	NO	bb
10	200608P1-14	Standard	500.000	5.38	143706.594	15261.776	117.701	508.1	1.6	NO	0.998	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.996105
Calibration curve: -0.000868775 * x^2 + 2.15818 * x + -0.0520294
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	5.43	68.370	951.049	0.899	0.4	76.2	YES	0.996	NO	bbX
2	200608P1-6	Standard	0.500	5.42	99.371	985.260	1.261	0.6	21.7	NO	0.996	NO	bb
3	200608P1-7	Standard	1.000	5.43	158.041	1010.875	1.954	0.9	-7.0	NO	0.996	NO	bb
4	200608P1-8	Standard	2.000	5.43	274.256	1008.262	3.400	1.6	-20.0	NO	0.996	NO	bb
5	200608P1-9	Standard	5.000	5.43	796.330	1057.394	9.414	4.4	-12.1	NO	0.996	NO	bb
6	200608P1-10	Standard	10.000	5.43	1719.510	884.086	24.312	11.3	13.4	NO	0.996	NO	bb
7	200608P1-11	Standard	50.000	5.43	7497.936	970.724	96.551	45.6	-8.8	NO	0.996	NO	bb
8	200608P1-12	Standard	100.000	5.43	14307.849	771.010	231.966	112.6	12.6	NO	0.996	NO	bb
9	200608P1-13	Standard	250.000	5.43	28757.428	780.902	460.324	235.7	-5.7	NO	0.996	NO	bb
10	200608P1-14	Standard	500.000	5.43	47306.117	679.547	870.177	506.5	1.3	NO	0.996	NO	bb

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998876
Calibration curve: -9.9377e-005 * x^2 + 0.873093 * x + 0.0622828
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	5.44	333.348	16307.256	0.256	0.2	-11.5	NO	0.999	NO	MM
2	200608P1-6	Standard	0.500	5.44	752.147	16861.184	0.558	0.6	13.5	NO	0.999	NO	bd
3	200608P1-7	Standard	1.000	5.44	1347.119	18708.354	0.900	1.0	-4.0	NO	0.999	NO	bd
4	200608P1-8	Standard	2.000	5.44	2637.974	16734.799	1.970	2.2	9.3	NO	0.999	NO	MM
5	200608P1-9	Standard	5.000	5.44	6244.808	17003.426	4.591	5.2	3.8	NO	0.999	NO	bd
6	200608P1-10	Standard	10.000	5.44	13011.208	16143.965	10.074	11.5	14.8	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	5.44	61413.094	17065.018	44.985	51.8	3.5	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	5.44	121320.836	17094.707	88.712	102.7	2.7	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	5.45	285724.469	17638.947	202.481	238.3	-4.7	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	5.45	507838.031	15261.776	415.939	505.4	1.1	NO	0.999	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999062
Calibration curve: -8.21794e-005 * x^2 + 1.16071 * x + 0.340298
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	1.250	5.47	62.905	10428.166	0.900	0.5	-61.4	YES	0.999	NO	bbX
2	200608P1-6	Standard	2.500	5.47	229.712	11868.888	2.888	2.2	-12.2	NO	0.999	NO	bb
3	200608P1-7	Standard	5.000	5.47	500.100	11520.529	6.477	5.3	5.8	NO	0.999	NO	bb
4	200608P1-8	Standard	10.000	5.47	901.706	11729.284	11.470	9.6	-4.0	NO	0.999	NO	bb
5	200608P1-9	Standard	25.000	5.47	2397.645	11767.327	30.400	25.9	3.8	NO	0.999	NO	bb
6	200608P1-10	Standard	50.000	5.47	5144.177	11314.397	67.835	58.4	16.8	NO	0.999	NO	bb
7	200608P1-11	Standard	250.000	5.47	23622.088	11955.015	294.806	258.4	3.4	NO	0.999	NO	bb
8	200608P1-12	Standard	500.000	5.47	45080.215	11882.976	566.017	505.4	1.1	NO	0.999	NO	bb
9	200608P1-13	Standard	1250.000	5.47	102628.680	11996.931	1276.343	1201.5	-3.9	NO	0.999	NO	bb
10	200608P1-14	Standard	2500.000	5.48	183723.984	11376.840	2409.423	2528.0	1.1	NO	0.999	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998120
Calibration curve: -0.000261731 * x^2 + 0.916952 * x + 0.0831312
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	5.69	369.224	16307.256	0.283	0.2	-12.8	NO	0.998	NO	MM
2	200608P1-6	Standard	0.500	5.69	811.741	16861.184	0.602	0.6	13.1	NO	0.998	NO	bb
3	200608P1-7	Standard	1.000	5.69	1478.314	18708.354	0.988	1.0	-1.3	NO	0.998	NO	bb
4	200608P1-8	Standard	2.000	5.69	2766.338	16734.799	2.066	2.2	8.2	NO	0.998	NO	bb
5	200608P1-9	Standard	5.000	5.69	6868.766	17003.426	5.050	5.4	8.5	NO	0.998	NO	db
6	200608P1-10	Standard	10.000	5.69	13846.031	16143.965	10.721	11.6	16.4	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	5.69	65891.141	17065.018	48.265	53.4	6.7	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	5.69	124318.453	17094.707	90.904	102.0	2.0	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	5.69	283295.969	17638.947	200.760	234.6	-6.2	NO	0.998	NO	bb
10	200608P1-14	Standard	500.000	5.69	486601.281	15261.776	398.546	508.3	1.7	NO	0.998	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.997844
Calibration curve: -4.64202e-005 * x^2 + 0.184539 * x + 0.0150074
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	5.71	58.734	14445.187	0.051	0.2	-22.4	NO	0.998	NO	bb
2	200608P1-6	Standard	0.500	5.71	126.606	15335.422	0.103	0.5	-4.4	NO	0.998	NO	bb
3	200608P1-7	Standard	1.000	5.72	240.682	16303.442	0.185	0.9	-8.1	NO	0.998	NO	bb
4	200608P1-8	Standard	2.000	5.72	541.597	15857.947	0.427	2.2	11.7	NO	0.998	NO	bb
5	200608P1-9	Standard	5.000	5.72	1252.050	14585.579	1.073	5.7	14.8	NO	0.998	NO	bb
6	200608P1-10	Standard	10.000	5.72	2321.673	14581.722	1.990	10.7	7.3	NO	0.998	NO	bb
7	200608P1-11	Standard	50.000	5.72	11356.265	15933.769	8.909	48.8	-2.4	NO	0.998	NO	bb
8	200608P1-12	Standard	100.000	5.72	22173.172	14252.166	19.447	108.2	8.2	NO	0.998	NO	bb
9	200608P1-13	Standard	250.000	5.72	50591.195	15511.145	40.770	234.7	-6.1	NO	0.998	NO	bb
10	200608P1-14	Standard	500.000	5.72	84442.852	12927.955	81.648	507.0	1.4	NO	0.998	NO	bb

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.997440
Calibration curve: -7.35342e-005 * x^2 + 0.649579 * x + 0.0330544
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	5.90	176.317	14445.187	0.153	0.2	-26.4	NO	0.997	NO	bb
2	200608P1-6	Standard	0.500	5.90	478.929	15335.422	0.390	0.6	10.0	NO	0.997	NO	MM
3	200608P1-7	Standard	1.000	5.91	961.741	16303.442	0.737	1.1	8.4	NO	0.997	NO	bb
4	200608P1-8	Standard	2.000	5.91	1798.488	15857.947	1.418	2.1	6.6	NO	0.997	NO	db
5	200608P1-9	Standard	5.000	5.91	4096.104	14585.579	3.510	5.4	7.1	NO	0.997	NO	bb
6	200608P1-10	Standard	10.000	5.91	8712.262	14581.722	7.468	11.5	14.6	NO	0.997	NO	bb
7	200608P1-11	Standard	50.000	5.91	39355.621	15933.769	30.874	47.7	-4.5	NO	0.997	NO	db
8	200608P1-12	Standard	100.000	5.91	80068.422	14252.166	70.225	109.4	9.4	NO	0.997	NO	bb
9	200608P1-13	Standard	250.000	5.91	184054.719	15511.145	148.325	234.5	-6.2	NO	0.997	NO	bb
10	200608P1-14	Standard	500.000	5.91	320740.125	12927.955	310.123	506.4	1.3	NO	0.997	NO	db

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.998553
Calibration curve: -4.49858e-005 * x^2 + 1.07649 * x + 1.15855
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	1.250	5.93	126.185	15944.875	1.181	0.0	-98.4	YES	0.999	NO	bbX
2	200608P1-6	Standard	2.500	5.93	388.374	17240.467	3.361	2.0	-18.2	NO	0.999	NO	bb
3	200608P1-7	Standard	5.000	5.93	741.975	17696.635	6.256	4.7	-5.3	NO	0.999	NO	bb
4	200608P1-8	Standard	10.000	5.93	1412.861	17486.861	12.055	10.1	1.3	NO	0.999	NO	bb
5	200608P1-9	Standard	25.000	5.93	3455.108	17127.523	30.098	26.9	7.7	NO	0.999	NO	MM
6	200608P1-10	Standard	50.000	5.93	7107.420	17658.855	60.051	54.8	9.7	NO	0.999	NO	MM
7	200608P1-11	Standard	250.000	5.93	32995.363	17414.498	282.690	264.4	5.8	NO	0.999	NO	bb
8	200608P1-12	Standard	500.000	5.93	63449.715	17346.598	545.738	517.1	3.4	NO	0.999	NO	bb
9	200608P1-13	Standard	1250.000	5.93	140495.016	17352.295	1208.016	1179.2	-5.7	NO	0.999	NO	bb
10	200608P1-14	Standard	2500.000	5.94	242722.813	14840.037	2440.307	2534.2	1.4	NO	0.999	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999159
Calibration curve: -0.000162333 * x^2 + 0.819902 * x + 0.163571
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	6.25	556.227	20828.574	0.334	0.2	-16.9	NO	0.999	NO	MM
2	200608P1-6	Standard	0.500	6.26	982.008	22968.340	0.534	0.5	-9.5	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	6.26	1906.475	22278.068	1.070	1.1	10.5	NO	0.999	NO	MM
4	200608P1-8	Standard	2.000	6.26	3391.259	23031.824	1.841	2.0	2.3	NO	0.999	NO	bb
5	200608P1-9	Standard	5.000	6.26	7669.468	22308.641	4.297	5.0	0.9	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	6.26	16165.199	21592.379	9.358	11.2	12.4	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	6.26	77315.469	24012.078	40.248	49.4	-1.3	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	6.26	148067.203	22035.242	83.995	104.4	4.4	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	6.26	341258.531	22666.023	188.199	240.8	-3.7	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	6.26	579599.750	19461.953	372.265	504.2	0.8	NO	0.999	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.998948
Calibration curve: -6.35983e-005 * x^2 + 0.704173 * x + 0.0221673
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	0.250	6.51	283.142	20828.574	0.170	0.2	-16.1	NO	0.999	NO	bb
2	200608P1-6	Standard	0.500	6.51	688.604	22968.340	0.375	0.5	0.1	NO	0.999	NO	bb
3	200608P1-7	Standard	1.000	6.51	1386.735	22278.068	0.778	1.1	7.4	NO	0.999	NO	bb
4	200608P1-8	Standard	2.000	6.51	2775.536	23031.824	1.506	2.1	5.4	NO	0.999	NO	bb
5	200608P1-9	Standard	5.000	6.51	6493.847	22308.641	3.639	5.1	2.8	NO	0.999	NO	bb
6	200608P1-10	Standard	10.000	6.51	13755.182	21592.379	7.963	11.3	12.9	NO	0.999	NO	bb
7	200608P1-11	Standard	50.000	6.51	65979.852	24012.078	34.347	49.0	-2.1	NO	0.999	NO	bb
8	200608P1-12	Standard	100.000	6.51	129621.898	22035.242	73.531	105.4	5.4	NO	0.999	NO	bb
9	200608P1-13	Standard	250.000	6.51	299670.250	22666.023	165.264	239.9	-4.1	NO	0.999	NO	bb
10	200608P1-14	Standard	500.000	6.51	527698.688	19461.953	338.930	504.2	0.8	NO	0.999	NO	bb

Compound name: N-MeFOSE
Correlation coefficient: r = 0.999909, r^2 = 0.999818
Calibration curve: 1.10747 * x + 0.292696
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	1.250	6.19	128.226	12878.202	1.486	1.1	-13.8	NO	1.000	NO	MM
2	200608P1-6	Standard	2.500	6.19	296.601	14813.495	2.987	2.4	-2.7	NO	1.000	NO	bb
3	200608P1-7	Standard	5.000	6.19	578.451	14618.917	5.904	5.1	1.3	NO	1.000	NO	bb
4	200608P1-8	Standard	10.000	6.19	1158.053	14179.213	12.186	10.7	7.4	NO	1.000	NO	bb
5	200608P1-9	Standard	25.000	6.19	2723.562	14141.265	28.735	25.7	2.7	NO	1.000	NO	bb
6	200608P1-10	Standard	50.000	6.19	5760.948	14681.472	58.545	52.6	5.2	NO	1.000	NO	bb
7	200608P1-11	Standard	250.000	6.19	28207.855	15287.840	275.291	248.3	-0.7	NO	1.000	NO	bb
8	200608P1-12	Standard	500.000	6.19	56720.746	14998.371	564.244	509.2	1.8	NO	1.000	NO	bb
9	200608P1-13	Standard	1250.000	6.19	139351.234	15278.172	1360.844	1228.5	-1.7	NO	1.000	NO	bb
10	200608P1-14	Standard	2500.000	6.19	263323.625	14131.694	2780.126	2510.1	0.4	NO	1.000	NO	bb

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Compound name: N-EtFOSE
Correlation coefficient: r = 0.998897, r^2 = 0.997794
Calibration curve: 1.10868 * x + 0.139259
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200608P1-5	Standard	1.250	6.34	136.240	14111.763	1.440	1.2	-6.1	NO	0.998	NO	bb
2	200608P1-6	Standard	2.500	6.34	333.288	15936.162	3.120	2.7	7.6	NO	0.998	NO	MM
3	200608P1-7	Standard	5.000	6.34	572.776	15215.057	5.617	4.9	-1.2	NO	0.998	NO	bb
4	200608P1-8	Standard	10.000	6.34	1146.630	15685.028	10.907	9.7	-2.9	NO	0.998	NO	MM
5	200608P1-9	Standard	25.000	6.34	2960.777	15383.235	28.716	25.8	3.1	NO	0.998	NO	bb
6	200608P1-10	Standard	50.000	6.34	6077.969	15706.860	57.735	51.9	3.9	NO	0.998	NO	bb
7	200608P1-11	Standard	250.000	6.34	29497.238	15826.908	278.070	250.7	0.3	NO	0.998	NO	bb
8	200608P1-12	Standard	500.000	6.34	58294.648	15873.546	547.928	494.1	-1.2	NO	0.998	NO	bb
9	200608P1-13	Standard	1250.000	6.34	142490.297	16521.916	1286.749	1160.5	-7.2	NO	0.998	NO	bb
10	200608P1-14	Standard	2500.000	6.35	277230.281	14391.489	2874.112	2592.2	3.7	NO	0.998	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 328.442
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	1.15	3884.762	3884.762	11.8	-5.4	NO	NO	bbX
2	200608P1-6	Standard	12.500	1.15	3974.814	3974.814	12.1	-3.2	NO	NO	bbX
3	200608P1-7	Standard	12.500	1.15	4058.683	4058.683	12.4	-1.1	NO	NO	MMX
4	200608P1-8	Standard	12.500	1.15	3901.682	3901.682	11.9	-5.0	NO	NO	bbX
5	200608P1-9	Standard	12.500	1.15	4044.984	4044.984	12.3	-1.5	NO	NO	bbX
6	200608P1-10	Standard	12.500	1.15	4105.523	4105.523	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	1.15	4125.223	4125.223	12.6	0.5	NO	NO	MMX
8	200608P1-12	Standard	12.500	1.15	4245.693	4245.693	12.9	3.4	NO	NO	bbX
9	200608P1-13	Standard	12.500	1.16	4503.615	4503.615	13.7	9.7	NO	NO	bbX
10	200608P1-14	Standard	12.500	1.15	4093.431	4093.431	12.5	-0.3	NO	NO	bbX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.893904
RRF SD: 0.0363263, Relative SD: 4.06379
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	1.15	3884.762	4251.210	11.423	12.8	2.2	NO	NO	bb
2	200608P1-6	Standard	12.500	1.15	3974.814	4630.999	10.729	12.0	-4.0	NO	NO	bb
3	200608P1-7	Standard	12.500	1.15	4135.465	4654.288	11.107	12.4	-0.6	NO	NO	MM
4	200608P1-8	Standard	12.500	1.15	3901.682	4472.219	10.905	12.2	-2.4	NO	NO	bb
5	200608P1-9	Standard	12.500	1.15	4044.984	4679.337	10.805	12.1	-3.3	NO	NO	bb
6	200608P1-10	Standard	12.500	1.15	4105.523	4805.007	10.680	11.9	-4.4	NO	NO	bb
7	200608P1-11	Standard	12.500	1.15	4123.953	4407.335	11.696	13.1	4.7	NO	NO	MM
8	200608P1-12	Standard	12.500	1.15	4245.693	4699.774	11.292	12.6	1.1	NO	NO	bb
9	200608P1-13	Standard	12.500	1.16	4503.615	4658.699	12.084	13.5	8.1	NO	NO	bb
10	200608P1-14	Standard	12.500	1.15	4093.431	4644.671	11.016	12.3	-1.4	NO	NO	bb

Compound name: 13C3-PFPeA-EIS
Response Factor: 711.333
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	2.08	8083.168		8083.168	11.4	-9.1	NO	NO	bbX
2	200608P1-6	Standard	12.500	2.08	9123.382		9123.382	12.8	2.6	NO	NO	MMX
3	200608P1-7	Standard	12.500	2.08	9269.359		9269.359	13.0	4.2	NO	NO	MMX
4	200608P1-8	Standard	12.500	2.08	8639.844		8639.844	12.1	-2.8	NO	NO	MMX
5	200608P1-9	Standard	12.500	2.08	8671.919		8671.919	12.2	-2.5	NO	NO	MMX
6	200608P1-10	Standard	12.500	2.09	8891.667		8891.667	12.5	0.0	NO	NO	MM
7	200608P1-11	Standard	12.500	2.08	9322.455		9322.455	13.1	4.8	NO	NO	MMX
8	200608P1-12	Standard	12.500	2.08	9448.315		9448.315	13.3	6.3	NO	NO	MMX
9	200608P1-13	Standard	12.500	2.08	9927.080		9927.080	14.0	11.6	NO	NO	MMX
10	200608P1-14	Standard	12.500	2.08	8632.718		8632.718	12.1	-2.9	NO	NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.735309
RRF SD: 0.0269589, Relative SD: 3.66633
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	2.08	8090.368	10844.992	9.325	12.7	1.5	NO		NO	MM
2	200608P1-6	Standard	12.500	2.08	9085.736	12390.696	9.166	12.5	-0.3	NO		NO	MM
3	200608P1-7	Standard	12.500	2.08	9127.355	12832.826	8.891	12.1	-3.3	NO		NO	MM
4	200608P1-8	Standard	12.500	2.08	8555.386	12436.493	8.599	11.7	-6.4	NO		NO	MM
5	200608P1-9	Standard	12.500	2.08	8708.210	12170.960	8.944	12.2	-2.7	NO		NO	MM
6	200608P1-10	Standard	12.500	2.09	8874.042	12151.530	9.129	12.4	-0.7	NO		NO	MM
7	200608P1-11	Standard	12.500	2.08	9374.737	12631.541	9.277	12.6	0.9	NO		NO	MM
8	200608P1-12	Standard	12.500	2.08	9348.441	12526.861	9.328	12.7	1.5	NO		NO	MM
9	200608P1-13	Standard	12.500	2.08	9842.481	12503.258	9.840	13.4	7.1	NO		NO	MM
10	200608P1-14	Standard	12.500	2.08	8532.844	11328.257	9.415	12.8	2.4	NO		NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 84.1545
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	2.36	961.965		961.965	11.4	-8.6	NO		NO	bbX
2	200608P1-6	Standard	12.500	2.36	1068.688		1068.688	12.7	1.6	NO		NO	MMX
3	200608P1-7	Standard	12.500	2.36	1147.710		1147.710	13.6	9.1	NO		NO	MMX
4	200608P1-8	Standard	12.500	2.36	1100.853		1100.853	13.1	4.7	NO		NO	MMX
5	200608P1-9	Standard	12.500	2.36	1094.690		1094.690	13.0	4.1	NO		NO	bbX
6	200608P1-10	Standard	12.500	2.37	1051.931		1051.931	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	2.36	1239.194		1239.194	14.7	17.8	NO		NO	MMX
8	200608P1-12	Standard	12.500	2.36	1084.472		1084.472	12.9	3.1	NO		NO	MMX
9	200608P1-13	Standard	12.500	2.36	1171.000		1171.000	13.9	11.3	NO		NO	MMX
10	200608P1-14	Standard	12.500	2.37	961.543		961.543	11.4	-8.6	NO		NO	bbX

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Compound name: 13C3-PFBS-RSD
Response Factor: 1.23981
RRF SD: 0.0857867, Relative SD: 6.91932
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD %	CoD Flag	bb=excluded
1	200608P1-5	Standard	12.500	2.36	961.965	802.164	14.990	12.1	-3.3	NO		NO	bb
2	200608P1-6	Standard	12.500	2.36	1071.564	870.366	15.390	12.4	-0.7	NO		NO	MM
3	200608P1-7	Standard	12.500	2.36	1144.252	920.285	15.542	12.5	0.3	NO		NO	MM
4	200608P1-8	Standard	12.500	2.36	1104.849	848.754	16.272	13.1	5.0	NO		NO	MM
5	200608P1-9	Standard	12.500	2.36	1094.690	927.307	14.756	11.9	-4.8	NO		NO	bb
6	200608P1-10	Standard	12.500	2.37	1051.931	940.589	13.980	11.3	-9.8	NO		NO	bb
7	200608P1-11	Standard	12.500	2.36	1245.679	901.122	17.280	13.9	11.5	NO		NO	MM
8	200608P1-12	Standard	12.500	2.36	1088.392	963.671	14.118	11.4	-8.9	NO		NO	MM
9	200608P1-13	Standard	12.500	2.36	1172.468	881.693	16.622	13.4	7.3	NO		NO	MM
10	200608P1-14	Standard	12.500	2.37	961.543	749.916	16.028	12.9	3.4	NO		NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 145.518
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD %	CoD Flag	bb=excluded
1	200608P1-5	Standard	12.500	3.10	1770.123		1770.123	12.2	-2.7	NO		NO	bbX
2	200608P1-6	Standard	12.500	3.10	1969.613		1969.613	13.5	8.3	NO		NO	bbX
3	200608P1-7	Standard	12.500	3.10	1933.426		1933.426	13.3	6.3	NO		NO	bbX
4	200608P1-8	Standard	12.500	3.10	2035.507		2035.507	14.0	11.9	NO		NO	bbX
5	200608P1-9	Standard	12.500	3.10	1874.565		1874.565	12.9	3.1	NO		NO	bbX
6	200608P1-10	Standard	12.500	3.11	1818.976		1818.976	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	3.10	2077.683		2077.683	14.3	14.2	NO		NO	MMX
8	200608P1-12	Standard	12.500	3.10	2102.589		2102.589	14.4	15.6	NO		NO	bbX
9	200608P1-13	Standard	12.500	3.10	2243.796		2243.796	15.4	23.4	NO		NO	bbX
10	200608P1-14	Standard	12.500	3.11	1858.962		1858.962	12.8	2.2	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.161783
RRF SD: 0.00893051, Relative SD: 5.52005
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	3.10	1770.123	10844.992	2.040	12.6	0.9	NO		NO	bb
2	200608P1-6	Standard	12.500	3.10	1969.613	12390.696	1.987	12.3	-1.7	NO		NO	bb
3	200608P1-7	Standard	12.500	3.10	1933.426	12832.826	1.883	11.6	-6.9	NO		NO	bb
4	200608P1-8	Standard	12.500	3.10	2035.507	12436.493	2.046	12.6	1.2	NO		NO	bb
5	200608P1-9	Standard	12.500	3.10	1874.565	12170.960	1.925	11.9	-4.8	NO		NO	bb
6	200608P1-10	Standard	12.500	3.11	1818.976	12151.530	1.871	11.6	-7.5	NO		NO	bb
7	200608P1-11	Standard	12.500	3.10	2099.386	12631.541	2.078	12.8	2.7	NO		NO	bd
8	200608P1-12	Standard	12.500	3.10	2102.589	12526.861	2.098	13.0	3.7	NO		NO	bb
9	200608P1-13	Standard	12.500	3.10	2243.796	12503.258	2.243	13.9	10.9	NO		NO	bb
10	200608P1-14	Standard	12.500	3.11	1858.962	11328.257	2.051	12.7	1.4	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 92.566
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	2.80	1104.125		1104.125	11.9	-4.6	NO		NO	bbX
2	200608P1-6	Standard	12.500	2.80	1304.574		1304.574	14.1	12.7	NO		NO	bbX
3	200608P1-7	Standard	12.500	2.80	1329.515		1329.515	14.4	14.9	NO		NO	bbX
4	200608P1-8	Standard	12.500	2.80	1270.840		1270.840	13.7	9.8	NO		NO	bbX
5	200608P1-9	Standard	12.500	2.80	1204.364		1204.364	13.0	4.1	NO		NO	bbX
6	200608P1-10	Standard	12.500	2.80	1157.075		1157.075	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	2.80	1355.183		1355.183	14.6	17.1	NO		NO	bbX
8	200608P1-12	Standard	12.500	2.79	1216.169		1216.169	13.1	5.1	NO		NO	bbX
9	200608P1-13	Standard	12.500	2.80	1186.039		1186.039	12.8	2.5	NO		NO	bbX
10	200608P1-14	Standard	12.500	2.80	898.908		898.908	9.7	-22.3	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.36901
RRF SD: 0.112659, Relative SD: 8.22922
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	2.80	1104.125	802.164	17.205	12.6	0.5	NO	NO	bb
2	200608P1-6	Standard	12.500	2.80	1304.574	870.366	18.736	13.7	9.5	NO	NO	bb
3	200608P1-7	Standard	12.500	2.80	1329.515	920.285	18.058	13.2	5.5	NO	NO	bb
4	200608P1-8	Standard	12.500	2.80	1270.840	848.754	18.716	13.7	9.4	NO	NO	bb
5	200608P1-9	Standard	12.500	2.80	1204.364	927.307	16.235	11.9	-5.1	NO	NO	bb
6	200608P1-10	Standard	12.500	2.80	1189.157	940.589	15.803	11.5	-7.7	NO	NO	MM
7	200608P1-11	Standard	12.500	2.80	1355.183	901.122	18.799	13.7	9.9	NO	NO	bb
8	200608P1-12	Standard	12.500	2.79	1216.169	963.671	15.775	11.5	-7.8	NO	NO	bb
9	200608P1-13	Standard	12.500	2.80	1186.039	881.693	16.815	12.3	-1.7	NO	NO	bb
10	200608P1-14	Standard	12.500	2.80	898.908	749.916	14.983	10.9	-12.4	NO	NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 881.695
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	2.88	10096.530		10096.530	11.5	-8.4	NO	NO	bbX
2	200608P1-6	Standard	12.500	2.88	11125.432		11125.432	12.6	0.9	NO	NO	bbX
3	200608P1-7	Standard	12.500	2.88	11532.965		11532.965	13.1	4.6	NO	NO	bbX
4	200608P1-8	Standard	12.500	2.87	11105.886		11105.886	12.6	0.8	NO	NO	bbX
5	200608P1-9	Standard	12.500	2.88	10991.276		10991.276	12.5	-0.3	NO	NO	bbX
6	200608P1-10	Standard	12.500	2.88	11021.193		11021.193	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	2.88	12256.526		12256.526	13.9	11.2	NO	NO	bbX
8	200608P1-12	Standard	12.500	2.88	11182.085		11182.085	12.7	1.5	NO	NO	bbX
9	200608P1-13	Standard	12.500	2.88	12143.026		12143.026	13.8	10.2	NO	NO	bbX
10	200608P1-14	Standard	12.500	2.89	10546.530		10546.530	12.0	-4.3	NO	NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.919578
RRF SD: 0.0303065, Relative SD: 3.29569
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	2.88	10096.530	10844.992	11.637	12.7	1.2	NO	NO	bb
2	200608P1-6	Standard	12.500	2.88	11125.432	12390.696	11.224	12.2	-2.4	NO	NO	bb
3	200608P1-7	Standard	12.500	2.88	11532.965	12832.826	11.234	12.2	-2.3	NO	NO	bb
4	200608P1-8	Standard	12.500	2.87	11105.886	12436.493	11.163	12.1	-2.9	NO	NO	bb
5	200608P1-9	Standard	12.500	2.88	10991.276	12170.960	11.288	12.3	-1.8	NO	NO	bb
6	200608P1-10	Standard	12.500	2.88	11021.193	12151.530	11.337	12.3	-1.4	NO	NO	bb
7	200608P1-11	Standard	12.500	2.88	12256.526	12631.541	12.129	13.2	5.5	NO	NO	bb
8	200608P1-12	Standard	12.500	2.88	11182.085	12526.861	11.158	12.1	-2.9	NO	NO	bb
9	200608P1-13	Standard	12.500	2.88	12143.026	12503.258	12.140	13.2	5.6	NO	NO	bb
10	200608P1-14	Standard	12.500	2.89	10546.530	11328.257	11.637	12.7	1.2	NO	NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 800.216
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	3.50	9051.944		9051.944	11.3	-9.5	NO	NO	bbX
2	200608P1-6	Standard	12.500	3.50	10605.042		10605.042	13.3	6.0	NO	NO	bbX
3	200608P1-7	Standard	12.500	3.51	10497.982		10497.982	13.1	5.0	NO	NO	bbX
4	200608P1-8	Standard	12.500	3.50	10581.098		10581.098	13.2	5.8	NO	NO	bbX
5	200608P1-9	Standard	12.500	3.51	9579.034		9579.034	12.0	-4.2	NO	NO	bbX
6	200608P1-10	Standard	12.500	3.51	10002.706		10002.706	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	3.51	10594.497		10594.497	13.2	5.9	NO	NO	bbX
8	200608P1-12	Standard	12.500	3.50	9711.998		9711.998	12.1	-2.9	NO	NO	bbX
9	200608P1-13	Standard	12.500	3.50	10630.305		10630.305	13.3	6.3	NO	NO	bbX
10	200608P1-14	Standard	12.500	3.51	8412.790		8412.790	10.5	-15.9	NO	NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.817649
RRF SD: 0.0376296, Relative SD: 4.60217
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	Name		Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	%CoD	CoD Flag	
1	200608P1-5	Standard	12.500	3.50	9051.944	10844.992	10.433	12.8	2.1	NO		NO	bb
2	200608P1-6	Standard	12.500	3.50	10605.042	12390.696	10.699	13.1	4.7	NO		NO	bb
3	200608P1-7	Standard	12.500	3.51	10497.982	12832.826	10.226	12.5	0.0	NO		NO	bb
4	200608P1-8	Standard	12.500	3.50	10581.098	12436.493	10.635	13.0	4.1	NO		NO	bb
5	200608P1-9	Standard	12.500	3.51	9579.034	12170.960	9.838	12.0	-3.7	NO		NO	bb
6	200608P1-10	Standard	12.500	3.51	10002.706	12151.530	10.290	12.6	0.7	NO		NO	bb
7	200608P1-11	Standard	12.500	3.51	10594.497	12631.541	10.484	12.8	2.6	NO		NO	bb
8	200608P1-12	Standard	12.500	3.50	9711.998	12526.861	9.691	11.9	-5.2	NO		NO	bb
9	200608P1-13	Standard	12.500	3.50	10630.305	12503.258	10.628	13.0	4.0	NO		NO	bb
10	200608P1-14	Standard	12.500	3.51	8412.790	11328.257	9.283	11.4	-9.2	NO		NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 173.42
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name		Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	%CoD	CoD Flag	
1	200608P1-5	Standard	12.500	3.65	1977.910		1977.910	11.4	-8.8	NO		NO	bbX
2	200608P1-6	Standard	12.500	3.65	2111.496		2111.496	12.2	-2.6	NO		NO	bbX
3	200608P1-7	Standard	12.500	3.65	2288.412		2288.412	13.2	5.6	NO		NO	bbX
4	200608P1-8	Standard	12.500	3.65	2005.712		2005.712	11.6	-7.5	NO		NO	bbX
5	200608P1-9	Standard	12.500	3.65	2180.702		2180.702	12.6	0.6	NO		NO	bbX
6	200608P1-10	Standard	12.500	3.65	2167.747		2167.747	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	3.65	2419.610		2419.610	14.0	11.6	NO		NO	bbX
8	200608P1-12	Standard	12.500	3.65	2137.783		2137.783	12.3	-1.4	NO		NO	bbX
9	200608P1-13	Standard	12.500	3.65	2168.672		2168.672	12.5	0.0	NO		NO	bbX
10	200608P1-14	Standard	12.500	3.65	1655.958		1655.958	9.5	-23.6	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 2.39691
RRF SD: 0.141349, Relative SD: 5.89711
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	3.65	1977.910	802.164	30.821	12.9	2.9	NO	NO	bb
2	200608P1-6	Standard	12.500	3.65	2111.496	870.366	30.325	12.7	1.2	NO	NO	bb
3	200608P1-7	Standard	12.500	3.65	2288.412	920.285	31.083	13.0	3.7	NO	NO	bb
4	200608P1-8	Standard	12.500	3.65	2005.712	848.754	29.539	12.3	-1.4	NO	NO	bb
5	200608P1-9	Standard	12.500	3.65	2180.702	927.307	29.396	12.3	-1.9	NO	NO	bb
6	200608P1-10	Standard	12.500	3.65	2167.747	940.589	28.808	12.0	-3.8	NO	NO	bb
7	200608P1-11	Standard	12.500	3.65	2419.610	901.122	33.564	14.0	12.0	NO	NO	bb
8	200608P1-12	Standard	12.500	3.65	2137.783	963.671	27.730	11.6	-7.4	NO	NO	bb
9	200608P1-13	Standard	12.500	3.65	2168.672	881.693	30.746	12.8	2.6	NO	NO	bb
10	200608P1-14	Standard	12.500	3.65	1655.958	749.916	27.602	11.5	-7.9	NO	NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 110.222
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	3.95	1362.057		1362.057	12.4	-1.1	NO	NO	bbX
2	200608P1-6	Standard	12.500	3.95	1483.353		1483.353	13.5	7.7	NO	NO	bbX
3	200608P1-7	Standard	12.500	3.95	1515.132		1515.132	13.7	10.0	NO	NO	bbX
4	200608P1-8	Standard	12.500	3.95	1476.458		1476.458	13.4	7.2	NO	NO	bbX
5	200608P1-9	Standard	12.500	3.95	1387.819		1387.819	12.6	0.7	NO	NO	bbX
6	200608P1-10	Standard	12.500	3.95	1377.772		1377.772	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	3.95	1492.555		1492.555	13.5	8.3	NO	NO	bbX
8	200608P1-12	Standard	12.500	3.95	1298.485		1298.485	11.8	-5.8	NO	NO	bbX
9	200608P1-13	Standard	12.500	3.95	1328.966		1328.966	12.1	-3.5	NO	NO	bbX
10	200608P1-14	Standard	12.500	3.96	1148.021		1148.021	10.4	-16.7	NO	NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.569618
RRF SD: 0.0369722, Relative SD: 6.4907
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	3.95	1362.057	2191.559	7.769	13.6	9.1	NO	NO	bb
2	200608P1-6	Standard	12.500	3.95	1483.353	2560.290	7.242	12.7	1.7	NO	NO	bb
3	200608P1-7	Standard	12.500	3.95	1515.132	2752.319	6.881	12.1	-3.4	NO	NO	bb
4	200608P1-8	Standard	12.500	3.95	1476.458	2610.265	7.070	12.4	-0.7	NO	NO	bb
5	200608P1-9	Standard	12.500	3.95	1387.819	2380.344	7.288	12.8	2.4	NO	NO	bb
6	200608P1-10	Standard	12.500	3.95	1377.772	2637.776	6.529	11.5	-8.3	NO	NO	bb
7	200608P1-11	Standard	12.500	3.95	1492.555	2347.379	7.948	14.0	11.6	NO	NO	bb
8	200608P1-12	Standard	12.500	3.95	1298.485	2468.706	6.575	11.5	-7.7	NO	NO	bb
9	200608P1-13	Standard	12.500	3.95	1328.966	2413.350	6.883	12.1	-3.3	NO	NO	bb
10	200608P1-14	Standard	12.500	3.96	1148.021	2045.153	7.017	12.3	-1.5	NO	NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 880.063
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	4.45	10391.796	10391.796	11.8	-5.5	NO	NO	bbX
2	200608P1-6	Standard	12.500	4.45	11502.717	11502.717	13.1	4.6	NO	NO	bbX
3	200608P1-7	Standard	12.500	4.45	12056.394	12056.394	13.7	9.6	NO	NO	bbX
4	200608P1-8	Standard	12.500	4.45	11716.611	11716.611	13.3	6.5	NO	NO	bbX
5	200608P1-9	Standard	12.500	4.45	11474.525	11474.525	13.0	4.3	NO	NO	bbX
6	200608P1-10	Standard	12.500	4.45	11000.782	11000.782	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.45	12429.279	12429.279	14.1	13.0	NO	NO	bbX
8	200608P1-12	Standard	12.500	4.45	11773.596	11773.596	13.4	7.0	NO	NO	bbX
9	200608P1-13	Standard	12.500	4.45	11845.058	11845.058	13.5	7.7	NO	NO	bbX
10	200608P1-14	Standard	12.500	4.46	9774.220	9774.220	11.1	-11.1	NO	NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.963786
RRF SD: 0.0470951, Relative SD: 4.88647
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.45	10391.796	11152.433	11.647	12.1	-3.3	NO	NO	bb
2	200608P1-6	Standard	12.500	4.45	11502.717	11758.089	12.229	12.7	1.5	NO	NO	bb
3	200608P1-7	Standard	12.500	4.45	12056.394	12459.868	12.095	12.5	0.4	NO	NO	bb
4	200608P1-8	Standard	12.500	4.45	11716.611	12694.081	11.537	12.0	-4.2	NO	NO	bb
5	200608P1-9	Standard	12.500	4.45	11474.525	11806.164	12.149	12.6	0.8	NO	NO	bb
6	200608P1-10	Standard	12.500	4.45	11000.782	12198.709	11.272	11.7	-6.4	NO	NO	bb
7	200608P1-11	Standard	12.500	4.45	12429.279	12226.084	12.708	13.2	5.5	NO	NO	bb
8	200608P1-12	Standard	12.500	4.45	11773.596	12207.449	12.056	12.5	0.1	NO	NO	bb
9	200608P1-13	Standard	12.500	4.45	11845.058	11198.864	13.221	13.7	9.7	NO	NO	bb
10	200608P1-14	Standard	12.500	4.46	9774.220	10570.389	11.558	12.0	-4.1	NO	NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 278.373
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	4.50	3352.742		3352.742	12.0	-3.6	NO	NO	bbX
2	200608P1-6	Standard	12.500	4.50	3674.162		3674.162	13.2	5.6	NO	NO	bbX
3	200608P1-7	Standard	12.500	4.50	3711.733		3711.733	13.3	6.7	NO	NO	bbX
4	200608P1-8	Standard	12.500	4.50	3483.226		3483.226	12.5	0.1	NO	NO	bbX
5	200608P1-9	Standard	12.500	4.50	3600.073		3600.073	12.9	3.5	NO	NO	bbX
6	200608P1-10	Standard	12.500	4.50	3479.667		3479.667	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.50	3751.491		3751.491	13.5	7.8	NO	NO	bbX
8	200608P1-12	Standard	12.500	4.50	3543.160		3543.160	12.7	1.8	NO	NO	bbX
9	200608P1-13	Standard	12.500	4.50	3695.636		3695.636	13.3	6.2	NO	NO	bbX
10	200608P1-14	Standard	12.500	4.51	3235.495		3235.495	11.6	-7.0	NO	NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.324732
RRF SD: 0.0130647, Relative SD: 4.02323
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.50	3352.742	10321.927	4.060	12.5	0.0	NO	NO	bb
2	200608P1-6	Standard	12.500	4.50	3674.162	11644.808	3.944	12.1	-2.8	NO	NO	bb
3	200608P1-7	Standard	12.500	4.50	3711.733	11831.888	3.921	12.1	-3.4	NO	NO	bb
4	200608P1-8	Standard	12.500	4.50	3483.226	11180.012	3.894	12.0	-4.1	NO	NO	bb
5	200608P1-9	Standard	12.500	4.50	3600.073	11062.261	4.068	12.5	0.2	NO	NO	bb
6	200608P1-10	Standard	12.500	4.50	3479.667	11300.229	3.849	11.9	-5.2	NO	NO	bb
7	200608P1-11	Standard	12.500	4.50	3751.491	11409.492	4.110	12.7	1.3	NO	NO	bb
8	200608P1-12	Standard	12.500	4.50	3543.160	10755.045	4.118	12.7	1.5	NO	NO	bb
9	200608P1-13	Standard	12.500	4.50	3695.636	10645.945	4.339	13.4	6.9	NO	NO	bb
10	200608P1-14	Standard	12.500	4.51	3235.495	9433.891	4.287	13.2	5.6	NO	NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 1040.37
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	4.01	11802.910	11802.910	11.3	-9.2	NO	NO	bbX
2	200608P1-6	Standard	12.500	4.01	13825.185	13825.185	13.3	6.3	NO	NO	bbX
3	200608P1-7	Standard	12.500	4.01	13386.632	13386.632	12.9	2.9	NO	NO	bbX
4	200608P1-8	Standard	12.500	4.01	12805.287	12805.287	12.3	-1.5	NO	NO	bbX
5	200608P1-9	Standard	12.500	4.01	13333.895	13333.895	12.8	2.5	NO	NO	bbX
6	200608P1-10	Standard	12.500	4.01	13004.670	13004.670	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.01	14692.141	14692.141	14.1	13.0	NO	NO	bbX
8	200608P1-12	Standard	12.500	4.01	11521.794	11521.794	11.1	-11.4	NO	NO	bbX
9	200608P1-13	Standard	12.500	4.01	13142.806	13142.806	12.6	1.1	NO	NO	bbX
10	200608P1-14	Standard	12.500	4.01	9882.108	9882.108	9.5	-24.0	NO	NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 1.20709
RRF SD: 0.0737591, Relative SD: 6.11049
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	4.01	11802.910	10670.511	13.827	11.5	-8.4	NO		NO	bb
2	200608P1-6	Standard	12.500	4.01	13825.185	11052.978	15.635	13.0	3.6	NO		NO	bb
3	200608P1-7	Standard	12.500	4.01	13386.632	10992.468	15.223	12.6	0.9	NO		NO	bb
4	200608P1-8	Standard	12.500	4.01	12805.287	11131.809	14.379	11.9	-4.7	NO		NO	bb
5	200608P1-9	Standard	12.500	4.01	13333.895	10311.553	16.164	13.4	7.1	NO		NO	bb
6	200608P1-10	Standard	12.500	4.01	13004.670	10643.031	15.274	12.7	1.2	NO		NO	bb
7	200608P1-11	Standard	12.500	4.01	14692.141	11006.637	16.686	13.8	10.6	NO		NO	bb
8	200608P1-12	Standard	12.500	4.01	11521.794	10291.825	13.994	11.6	-7.3	NO		NO	bb
9	200608P1-13	Standard	12.500	4.01	13142.806	11293.787	14.547	12.1	-3.6	NO		NO	bb
10	200608P1-14	Standard	12.500	4.01	9882.108	8148.380	15.160	12.6	0.5	NO		NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 173.038
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	4.54	1977.354		1977.354	11.4	-8.6	NO		NO	MMX
2	200608P1-6	Standard	12.500	4.54	2100.725		2100.725	12.1	-2.9	NO		NO	bbX
3	200608P1-7	Standard	12.500	4.54	2331.066		2331.066	13.5	7.8	NO		NO	bbX
4	200608P1-8	Standard	12.500	4.54	2297.997		2297.997	13.3	6.2	NO		NO	bbX
5	200608P1-9	Standard	12.500	4.54	2126.377		2126.377	12.3	-1.7	NO		NO	bbX
6	200608P1-10	Standard	12.500	4.54	2162.971		2162.971	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	4.54	2394.735		2394.735	13.8	10.7	NO		NO	bbX
8	200608P1-12	Standard	12.500	4.54	2054.676		2054.676	11.9	-5.0	NO		NO	bbX
9	200608P1-13	Standard	12.500	4.54	2182.913		2182.913	12.6	0.9	NO		NO	bbX
10	200608P1-14	Standard	12.500	4.54	1767.276		1767.276	10.2	-18.3	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.877638
RRF SD: 0.0590031, Relative SD: 6.72294
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Quant
1	200608P1-5	Standard	12.500	4.54	1959.576	2191.559	11.177	12.7	1.9	NO	NO		bb
2	200608P1-6	Standard	12.500	4.54	2100.725	2560.290	10.256	11.7	-6.5	NO	NO		bb
3	200608P1-7	Standard	12.500	4.54	2331.066	2752.319	10.587	12.1	-3.5	NO	NO		bb
4	200608P1-8	Standard	12.500	4.54	2297.997	2610.265	11.005	12.5	0.3	NO	NO		bb
5	200608P1-9	Standard	12.500	4.54	2126.377	2380.344	11.166	12.7	1.8	NO	NO		bb
6	200608P1-10	Standard	12.500	4.54	2162.971	2637.776	10.250	11.7	-6.6	NO	NO		bb
7	200608P1-11	Standard	12.500	4.54	2394.735	2347.379	12.752	14.5	16.2	NO	NO		bb
8	200608P1-12	Standard	12.500	4.54	2054.676	2468.706	10.404	11.9	-5.2	NO	NO		bb
9	200608P1-13	Standard	12.500	4.54	2182.913	2413.350	11.306	12.9	3.1	NO	NO		bb
10	200608P1-14	Standard	12.500	4.54	1767.276	2045.153	10.802	12.3	-1.5	NO	NO		bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1046.8
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Quant
1	200608P1-5	Standard	12.500	4.83	13098.685		13098.685	12.5	0.1	NO	NO		bbX
2	200608P1-6	Standard	12.500	4.83	14285.397		14285.397	13.6	9.2	NO	NO		bbX
3	200608P1-7	Standard	12.500	4.83	13808.190		13808.190	13.2	5.5	NO	NO		bbX
4	200608P1-8	Standard	12.500	4.83	13847.707		13847.707	13.2	5.8	NO	NO		bbX
5	200608P1-9	Standard	12.500	4.83	13210.359		13210.359	12.6	1.0	NO	NO		bbX
6	200608P1-10	Standard	12.500	4.83	13085.039		13085.039	12.5	0.0	NO	NO		bb
7	200608P1-11	Standard	12.500	4.84	15048.001		15048.001	14.4	15.0	NO	NO		bbX
8	200608P1-12	Standard	12.500	4.83	13713.294		13713.294	13.1	4.8	NO	NO		bbX
9	200608P1-13	Standard	12.500	4.83	13482.254		13482.254	12.9	3.0	NO	NO		bbX
10	200608P1-14	Standard	12.500	4.84	12453.366		12453.366	11.9	-4.8	NO	NO		bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 1.13199
RRF SD: 0.062153, Relative SD: 5.49061
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.83	13098.685	11085.106	14.771	13.0	4.4	NO	NO	bb
2	200608P1-6	Standard	12.500	4.83	14285.397	12414.809	14.383	12.7	1.7	NO	NO	bb
3	200608P1-7	Standard	12.500	4.83	13808.190	12888.909	13.392	11.8	-5.4	NO	NO	bb
4	200608P1-8	Standard	12.500	4.83	13847.707	11989.618	14.437	12.8	2.0	NO	NO	bb
5	200608P1-9	Standard	12.500	4.83	13210.359	12692.283	13.010	11.5	-8.1	NO	NO	bb
6	200608P1-10	Standard	12.500	4.83	13085.039	12540.914	13.042	11.5	-7.8	NO	NO	bb
7	200608P1-11	Standard	12.500	4.84	15048.001	12203.219	15.414	13.6	8.9	NO	NO	bb
8	200608P1-12	Standard	12.500	4.83	13713.294	11756.061	14.581	12.9	3.0	NO	NO	bb
9	200608P1-13	Standard	12.500	4.83	13482.254	11777.221	14.310	12.6	1.1	NO	NO	bb
10	200608P1-14	Standard	12.500	4.84	12453.366	10994.719	14.158	12.5	0.1	NO	NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 105.584
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	4.80	1283.272		1283.272	12.2	-2.8	NO	NO	bbX
2	200608P1-6	Standard	12.500	4.80	1174.878		1174.878	11.1	-11.0	NO	NO	bbX
3	200608P1-7	Standard	12.500	4.80	1299.849		1299.849	12.3	-1.5	NO	NO	bbX
4	200608P1-8	Standard	12.500	4.80	1274.091		1274.091	12.1	-3.5	NO	NO	bbX
5	200608P1-9	Standard	12.500	4.80	1196.447		1196.447	11.3	-9.3	NO	NO	bbX
6	200608P1-10	Standard	12.500	4.80	1319.806		1319.806	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.80	1359.099		1359.099	12.9	3.0	NO	NO	bbX
8	200608P1-12	Standard	12.500	4.80	1314.483		1314.483	12.4	-0.4	NO	NO	bbX
9	200608P1-13	Standard	12.500	4.80	1187.324		1187.324	11.2	-10.0	NO	NO	bbX
10	200608P1-14	Standard	12.500	4.80	1218.760		1218.760	11.5	-7.7	NO	NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.520715
RRF SD: 0.0496588, Relative SD: 9.53664
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.80	1283.272	2191.559	7.319	14.1	12.5	NO	NO	bb
2	200608P1-6	Standard	12.500	4.80	1174.878	2560.290	5.736	11.0	-11.9	NO	NO	bb
3	200608P1-7	Standard	12.500	4.80	1299.849	2752.319	5.903	11.3	-9.3	NO	NO	bb
4	200608P1-8	Standard	12.500	4.80	1274.091	2610.265	6.101	11.7	-6.3	NO	NO	bb
5	200608P1-9	Standard	12.500	4.80	1196.447	2380.344	6.283	12.1	-3.5	NO	NO	bb
6	200608P1-10	Standard	12.500	4.80	1319.806	2637.776	6.254	12.0	-3.9	NO	NO	bb
7	200608P1-11	Standard	12.500	4.80	1359.099	2347.379	7.237	13.9	11.2	NO	NO	bb
8	200608P1-12	Standard	12.500	4.80	1314.483	2468.706	6.656	12.8	2.3	NO	NO	bb
9	200608P1-13	Standard	12.500	4.80	1187.324	2413.350	6.150	11.8	-5.5	NO	NO	bb
10	200608P1-14	Standard	12.500	4.80	1218.760	2045.153	7.449	14.3	14.4	NO	NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 265.439
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	4.98	2876.423	2876.423	10.8	-13.3	NO	NO	bbX
2	200608P1-6	Standard	12.500	4.98	3148.410	3148.410	11.9	-5.1	NO	NO	bbX
3	200608P1-7	Standard	12.500	4.98	3733.002	3733.002	14.1	12.5	NO	NO	bbX
4	200608P1-8	Standard	12.500	4.98	3265.977	3265.977	12.3	-1.6	NO	NO	bbX
5	200608P1-9	Standard	12.500	4.98	3058.840	3058.840	11.5	-7.8	NO	NO	bbX
6	200608P1-10	Standard	12.500	4.98	3317.989	3317.989	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.98	3843.441	3843.441	14.5	15.8	NO	NO	bbX
8	200608P1-12	Standard	12.500	4.98	3224.528	3224.528	12.1	-2.8	NO	NO	bbX
9	200608P1-13	Standard	12.500	4.98	3361.974	3361.974	12.7	1.3	NO	NO	bbX
10	200608P1-14	Standard	12.500	4.99	2989.795	2989.795	11.3	-9.9	NO	NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.29962
RRF SD: 0.0213984, Relative SD: 7.14183
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.98	2876.423	10321.927	3.483	11.6	-7.0	NO	NO	bb
2	200608P1-6	Standard	12.500	4.98	3148.410	11644.808	3.380	11.3	-9.8	NO	NO	bb
3	200608P1-7	Standard	12.500	4.98	3733.002	11831.888	3.944	13.2	5.3	NO	NO	bb
4	200608P1-8	Standard	12.500	4.98	3265.977	11180.012	3.652	12.2	-2.5	NO	NO	bb
5	200608P1-9	Standard	12.500	4.98	3058.840	11062.261	3.456	11.5	-7.7	NO	NO	bb
6	200608P1-10	Standard	12.500	4.98	3317.989	11300.229	3.670	12.2	-2.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.98	3843.441	11409.492	4.211	14.1	12.4	NO	NO	bb
8	200608P1-12	Standard	12.500	4.98	3224.528	10755.045	3.748	12.5	0.1	NO	NO	bb
9	200608P1-13	Standard	12.500	4.98	3361.974	10645.945	3.947	13.2	5.4	NO	NO	bb
10	200608P1-14	Standard	12.500	4.99	2989.795	9433.891	3.962	13.2	5.8	NO	NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1152.63
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	5.16	13604.257		13604.257	11.8	-5.6	NO	NO	bbX
2	200608P1-6	Standard	12.500	5.16	15685.943		15685.943	13.6	8.9	NO	NO	bbX
3	200608P1-7	Standard	12.500	5.16	15185.789		15185.789	13.2	5.4	NO	NO	bbX
4	200608P1-8	Standard	12.500	5.16	15105.961		15105.961	13.1	4.8	NO	NO	bbX
5	200608P1-9	Standard	12.500	5.16	15125.978		15125.978	13.1	5.0	NO	NO	bbX
6	200608P1-10	Standard	12.500	5.16	14407.853		14407.853	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	5.16	16284.479		16284.479	14.1	13.0	NO	NO	bbX
8	200608P1-12	Standard	12.500	5.16	14625.896		14625.896	12.7	1.5	NO	NO	bbX
9	200608P1-13	Standard	12.500	5.16	15432.507		15432.507	13.4	7.1	NO	NO	bbX
10	200608P1-14	Standard	12.500	5.16	13250.875		13250.875	11.5	-8.0	NO	NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.35834
RRF SD: 0.0574119, Relative SD: 4.22662
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	5.16	13604.257	10321.927	16.475	12.1	-3.0	NO	NO	bb
2	200608P1-6	Standard	12.500	5.16	15685.943	11644.808	16.838	12.4	-0.8	NO	NO	bb
3	200608P1-7	Standard	12.500	5.16	15185.789	11831.888	16.043	11.8	-5.5	NO	NO	bb
4	200608P1-8	Standard	12.500	5.16	15105.961	11180.012	16.889	12.4	-0.5	NO	NO	bb
5	200608P1-9	Standard	12.500	5.16	15125.978	11062.261	17.092	12.6	0.7	NO	NO	bb
6	200608P1-10	Standard	12.500	5.16	14407.853	11300.229	15.938	11.7	-6.1	NO	NO	bb
7	200608P1-11	Standard	12.500	5.16	16284.479	11409.492	17.841	13.1	5.1	NO	NO	bb
8	200608P1-12	Standard	12.500	5.16	14625.896	10755.045	16.999	12.5	0.1	NO	NO	bb
9	200608P1-13	Standard	12.500	5.16	15432.507	10645.945	18.120	13.3	6.7	NO	NO	bb
10	200608P1-14	Standard	12.500	5.16	13250.875	9433.891	17.558	12.9	3.4	NO	NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 180.267
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	5.13	2039.939		2039.939	11.3	-9.5	NO	NO	bbX
2	200608P1-6	Standard	12.500	5.13	2207.054		2207.054	12.2	-2.1	NO	NO	bbX
3	200608P1-7	Standard	12.500	5.14	2464.982		2464.982	13.7	9.4	NO	NO	bbX
4	200608P1-8	Standard	12.500	5.14	2325.110		2325.110	12.9	3.2	NO	NO	bbX
5	200608P1-9	Standard	12.500	5.14	2131.353		2131.353	11.8	-5.4	NO	NO	bbX
6	200608P1-10	Standard	12.500	5.14	2253.333		2253.333	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	5.14	2216.799		2216.799	12.3	-1.6	NO	NO	bbX
8	200608P1-12	Standard	12.500	5.14	2358.251		2358.251	13.1	4.7	NO	NO	bbX
9	200608P1-13	Standard	12.500	5.14	2337.918		2337.918	13.0	3.8	NO	NO	bbX
10	200608P1-14	Standard	12.500	5.14	1782.797		1782.797	9.9	-20.9	NO	NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.201769
RRF SD: 0.011454, Relative SD: 5.67679
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	5.13	2039.939	10321.927	2.470	12.2	-2.1	NO	NO	bb
2	200608P1-6	Standard	12.500	5.13	2207.054	11644.808	2.369	11.7	-6.1	NO	NO	bb
3	200608P1-7	Standard	12.500	5.14	2464.982	11831.888	2.604	12.9	3.3	NO	NO	bb
4	200608P1-8	Standard	12.500	5.14	2325.110	11180.012	2.600	12.9	3.1	NO	NO	bb
5	200608P1-9	Standard	12.500	5.14	2131.353	11062.261	2.408	11.9	-4.5	NO	NO	bb
6	200608P1-10	Standard	12.500	5.14	2253.333	11300.229	2.493	12.4	-1.2	NO	NO	bb
7	200608P1-11	Standard	12.500	5.14	2216.799	11409.492	2.429	12.0	-3.7	NO	NO	bb
8	200608P1-12	Standard	12.500	5.14	2358.251	10755.045	2.741	13.6	8.7	NO	NO	bb
9	200608P1-13	Standard	12.500	5.14	2337.918	10645.945	2.745	13.6	8.8	NO	NO	bb
10	200608P1-14	Standard	12.500	5.14	1782.797	9433.891	2.362	11.7	-6.3	NO	NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1291.52
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	5.44	16307.256	16307.256	12.6	1.0	NO	NO	bbX
2	200608P1-6	Standard	12.500	5.44	16861.184	16861.184	13.1	4.4	NO	NO	bbX
3	200608P1-7	Standard	12.500	5.44	18708.354	18708.354	14.5	15.9	NO	NO	bbX
4	200608P1-8	Standard	12.500	5.44	16734.799	16734.799	13.0	3.7	NO	NO	bbX
5	200608P1-9	Standard	12.500	5.44	17003.426	17003.426	13.2	5.3	NO	NO	bbX
6	200608P1-10	Standard	12.500	5.44	16143.965	16143.965	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	5.44	17065.018	17065.018	13.2	5.7	NO	NO	bbX
8	200608P1-12	Standard	12.500	5.44	17094.707	17094.707	13.2	5.9	NO	NO	bbX
9	200608P1-13	Standard	12.500	5.45	17638.947	17638.947	13.7	9.3	NO	NO	bbX
10	200608P1-14	Standard	12.500	5.45	15261.776	15261.776	11.8	-5.5	NO	NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.40418
RRF SD: 0.065204, Relative SD: 4.64355
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	5.44	16307.256	11085.106	18.389	13.1	4.8	NO		NO	bb
2	200608P1-6	Standard	12.500	5.44	16861.184	12414.809	16.977	12.1	-3.3	NO		NO	bb
3	200608P1-7	Standard	12.500	5.44	18708.354	12888.909	18.144	12.9	3.4	NO		NO	bb
4	200608P1-8	Standard	12.500	5.44	16734.799	11989.618	17.447	12.4	-0.6	NO		NO	bb
5	200608P1-9	Standard	12.500	5.44	17003.426	12692.283	16.746	11.9	-4.6	NO		NO	bb
6	200608P1-10	Standard	12.500	5.44	16143.965	12540.914	16.091	11.5	-8.3	NO		NO	bb
7	200608P1-11	Standard	12.500	5.44	17065.018	12203.219	17.480	12.4	-0.4	NO		NO	bb
8	200608P1-12	Standard	12.500	5.44	17094.707	11756.061	18.176	12.9	3.6	NO		NO	bb
9	200608P1-13	Standard	12.500	5.45	17638.947	11777.221	18.721	13.3	6.7	NO		NO	bb
10	200608P1-14	Standard	12.500	5.45	15261.776	10994.719	17.351	12.4	-1.1	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 70.7269
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200608P1-5	Standard	12.500	5.42	951.049		951.049	13.4	7.6	NO		NO	bbX
2	200608P1-6	Standard	12.500	5.42	985.260		985.260	13.9	11.4	NO		NO	bbX
3	200608P1-7	Standard	12.500	5.42	1010.875		1010.875	14.3	14.3	NO		NO	bbX
4	200608P1-8	Standard	12.500	5.43	1008.262		1008.262	14.3	14.0	NO		NO	bbX
5	200608P1-9	Standard	12.500	5.42	1057.394		1057.394	15.0	19.6	NO		NO	bbX
6	200608P1-10	Standard	12.500	5.42	884.086		884.086	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	5.42	970.724		970.724	13.7	9.8	NO		NO	bbX
8	200608P1-12	Standard	12.500	5.42	771.010		771.010	10.9	-12.8	NO		NO	bbX
9	200608P1-13	Standard	12.500	5.43	780.902		780.902	11.0	-11.7	NO		NO	MMX
10	200608P1-14	Standard	12.500	5.43	679.547		679.547	9.6	-23.1	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.373366
RRF SD: 0.0471095, Relative SD: 12.6175
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

		Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	PCoD Flag	Model
1	200608P1-5	Standard	12.500	5.42	951.049	2191.559	5.425	14.5	16.2	NO	NO		bb
2	200608P1-6	Standard	12.500	5.42	985.260	2560.290	4.810	12.9	3.1	NO	NO		bb
3	200608P1-7	Standard	12.500	5.42	1010.875	2752.319	4.591	12.3	-1.6	NO	NO		bb
4	200608P1-8	Standard	12.500	5.43	1008.262	2610.265	4.828	12.9	3.5	NO	NO		bb
5	200608P1-9	Standard	12.500	5.42	1057.394	2380.344	5.553	14.9	19.0	NO	NO		bb
6	200608P1-10	Standard	12.500	5.42	884.086	2637.776	4.190	11.2	-10.2	NO	NO		bb
7	200608P1-11	Standard	12.500	5.42	970.724	2347.379	5.169	13.8	10.8	NO	NO		bb
8	200608P1-12	Standard	12.500	5.42	771.010	2468.706	3.904	10.5	-16.4	NO	NO		bb
9	200608P1-13	Standard	12.500	5.43	780.974	2413.350	4.045	10.8	-13.3	NO	NO		MM
10	200608P1-14	Standard	12.500	5.43	679.996	2045.153	4.156	11.1	-10.9	NO	NO		MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 75.8338
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

		Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	PCoD Flag	Model
1	200608P1-5	Standard	149.200	5.50	10428.166		10428.166	137.5	-7.8	NO	NO		bbX
2	200608P1-6	Standard	149.200	5.49	11868.888		11868.888	156.5	4.9	NO	NO		bbX
3	200608P1-7	Standard	149.200	5.50	11520.529		11520.529	151.9	1.8	NO	NO		bbX
4	200608P1-8	Standard	149.200	5.50	11729.284		11729.284	154.7	3.7	NO	NO		bbX
5	200608P1-9	Standard	149.200	5.50	11767.327		11767.327	155.2	4.0	NO	NO		bbX
6	200608P1-10	Standard	149.200	5.50	11314.397		11314.397	149.2	0.0	NO	NO		bb
7	200608P1-11	Standard	149.200	5.50	11955.015		11955.015	157.6	5.7	NO	NO		bbX
8	200608P1-12	Standard	149.200	5.50	11882.976		11882.976	156.7	5.0	NO	NO		bbX
9	200608P1-13	Standard	149.200	5.50	11996.931		11996.931	158.2	6.0	NO	NO		bbX
10	200608P1-14	Standard	149.200	5.50	11376.840		11376.840	150.0	0.6	NO	NO		bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0888311
RRF SD: 0.0057981, Relative SD: 6.5271
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	149.200	5.50	10428.166	10321.927	12.629	142.2	-4.7	NO	NO	bb
2	200608P1-6	Standard	149.200	5.49	11868.888	11644.808	12.741	143.4	-3.9	NO	NO	bb
3	200608P1-7	Standard	149.200	5.50	11520.529	11831.888	12.171	137.0	-8.2	NO	NO	bb
4	200608P1-8	Standard	149.200	5.50	11729.284	11180.012	13.114	147.6	-1.1	NO	NO	bb
5	200608P1-9	Standard	149.200	5.50	11767.327	11062.261	13.297	149.7	0.3	NO	NO	bb
6	200608P1-10	Standard	149.200	5.50	11314.397	11300.229	12.516	140.9	-5.6	NO	NO	bb
7	200608P1-11	Standard	149.200	5.50	11955.015	11409.492	13.098	147.4	-1.2	NO	NO	bb
8	200608P1-12	Standard	149.200	5.50	11882.976	10755.045	13.811	155.5	4.2	NO	NO	bb
9	200608P1-13	Standard	149.200	5.50	11996.931	10645.945	14.086	158.6	6.3	NO	NO	bb
10	200608P1-14	Standard	149.200	5.50	11376.840	9433.891	15.074	169.7	13.7	NO	NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1166.54
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	12.500	5.90	14445.187		14445.187	12.4	-0.9	NO	NO	bbX
2	200608P1-6	Standard	12.500	5.90	15335.422		15335.422	13.1	5.2	NO	NO	bbX
3	200608P1-7	Standard	12.500	5.91	16303.442		16303.442	14.0	11.8	NO	NO	bbX
4	200608P1-8	Standard	12.500	5.91	15857.947		15857.947	13.6	8.8	NO	NO	bbX
5	200608P1-9	Standard	12.500	5.91	14585.579		14585.579	12.5	0.0	NO	NO	bbX
6	200608P1-10	Standard	12.500	5.91	14581.722		14581.722	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	5.90	15933.769		15933.769	13.7	9.3	NO	NO	bbX
8	200608P1-12	Standard	12.500	5.91	14252.166		14252.166	12.2	-2.3	NO	NO	bbX
9	200608P1-13	Standard	12.500	5.91	15511.145		15511.145	13.3	6.4	NO	NO	bbX
10	200608P1-14	Standard	12.500	5.91	12927.955		12927.955	11.1	-11.3	NO	NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 1.36707
RRF SD: 0.0529985, Relative SD: 3.8768
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	Data File	Type	IS Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	RT Flag	Peak Flag	Excluded
1	200608P1-5	Standard	12.500	5.90	14445.187	10321.927	17.493	12.8	2.4	NO		NO	bb
2	200608P1-6	Standard	12.500	5.90	15335.422	11644.808	16.462	12.0	-3.7	NO		NO	bb
3	200608P1-7	Standard	12.500	5.91	16303.442	11831.888	17.224	12.6	0.8	NO		NO	bb
4	200608P1-8	Standard	12.500	5.91	15857.947	11180.012	17.730	13.0	3.8	NO		NO	bb
5	200608P1-9	Standard	12.500	5.91	14585.579	11062.261	16.481	12.1	-3.6	NO		NO	bb
6	200608P1-10	Standard	12.500	5.91	14581.722	11300.229	16.130	11.8	-5.6	NO		NO	bb
7	200608P1-11	Standard	12.500	5.90	15933.769	11409.492	17.457	12.8	2.2	NO		NO	bb
8	200608P1-12	Standard	12.500	5.91	14252.166	10755.045	16.565	12.1	-3.1	NO		NO	bb
9	200608P1-13	Standard	12.500	5.91	15511.145	10645.945	18.213	13.3	6.6	NO		NO	bb
10	200608P1-14	Standard	12.500	5.91	12927.955	9433.891	17.130	12.5	0.2	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 118.357
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Data File	Type	IS Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	RT Flag	Peak Flag	Excluded
1	200608P1-5	Standard	149.200	5.95	15944.875		15944.875	134.7	-9.7	NO		NO	bbX
2	200608P1-6	Standard	149.200	5.95	17240.467		17240.467	145.7	-2.4	NO		NO	bbX
3	200608P1-7	Standard	149.200	5.95	17696.635		17696.635	149.5	0.2	NO		NO	bbX
4	200608P1-8	Standard	149.200	5.95	17486.861		17486.861	147.7	-1.0	NO		NO	bbX
5	200608P1-9	Standard	149.200	5.95	17127.523		17127.523	144.7	-3.0	NO		NO	bbX
6	200608P1-10	Standard	149.200	5.95	17658.855		17658.855	149.2	0.0	NO		NO	bb
7	200608P1-11	Standard	149.200	5.95	17414.498		17414.498	147.1	-1.4	NO		NO	bbX
8	200608P1-12	Standard	149.200	5.95	17346.598		17346.598	146.6	-1.8	NO		NO	bbX
9	200608P1-13	Standard	149.200	5.95	17352.295		17352.295	146.6	-1.7	NO		NO	bbX
10	200608P1-14	Standard	149.200	5.95	14840.037		14840.037	125.4	-16.0	NO		NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.13018
RRF SD: 0.00389574, Relative SD: 2.99258
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Cal Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Int Std
1	200608P1-5	Standard	149.200	5.95	15944.875	10321.927	19.309	148.3	-0.6	NO		NO	bb
2	200608P1-6	Standard	149.200	5.95	17240.467	11644.808	18.507	142.2	-4.7	NO		NO	bb
3	200608P1-7	Standard	149.200	5.95	17696.635	11831.888	18.696	143.6	-3.7	NO		NO	bb
4	200608P1-8	Standard	149.200	5.95	17486.861	11180.012	19.551	150.2	0.7	NO		NO	bb
5	200608P1-9	Standard	149.200	5.95	17127.523	11062.261	19.354	148.7	-0.4	NO		NO	bb
6	200608P1-10	Standard	149.200	5.95	17658.855	11300.229	19.534	150.1	0.6	NO		NO	bb
7	200608P1-11	Standard	149.200	5.95	17414.498	11409.492	19.079	146.6	-1.8	NO		NO	bb
8	200608P1-12	Standard	149.200	5.95	17346.598	10755.045	20.161	154.9	3.8	NO		NO	bb
9	200608P1-13	Standard	149.200	5.95	17352.295	10645.945	20.374	156.5	4.9	NO		NO	bb
10	200608P1-14	Standard	149.200	5.95	14840.037	9433.891	19.663	151.0	1.2	NO		NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1727.39
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Cal Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Int Std
1	200608P1-5	Standard	12.500	6.25	20828.574		20828.574	12.1	-3.5	NO		NO	bbX
2	200608P1-6	Standard	12.500	6.26	22968.340		22968.340	13.3	6.4	NO		NO	bbX
3	200608P1-7	Standard	12.500	6.26	22278.068		22278.068	12.9	3.2	NO		NO	bbX
4	200608P1-8	Standard	12.500	6.26	23031.824		23031.824	13.3	6.7	NO		NO	bbX
5	200608P1-9	Standard	12.500	6.26	22308.641		22308.641	12.9	3.3	NO		NO	bbX
6	200608P1-10	Standard	12.500	6.26	21592.379		21592.379	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	6.26	24012.078		24012.078	13.9	11.2	NO		NO	bbX
8	200608P1-12	Standard	12.500	6.26	22035.242		22035.242	12.8	2.1	NO		NO	bbX
9	200608P1-13	Standard	12.500	6.26	22666.023		22666.023	13.1	5.0	NO		NO	bbX
10	200608P1-14	Standard	12.500	6.26	19461.953		19461.953	11.3	-9.9	NO		NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 2.02062
RRF SD: 0.0791198, Relative SD: 3.91563
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	6.25	20828.574	10321.927	25.224	12.5	-0.1	NO	NO	bb
2	200608P1-6	Standard	12.500	6.26	22968.340	11644.808	24.655	12.2	-2.4	NO	NO	bb
3	200608P1-7	Standard	12.500	6.26	22278.068	11831.888	23.536	11.6	-6.8	NO	NO	bb
4	200608P1-8	Standard	12.500	6.26	23031.824	11180.012	25.751	12.7	2.0	NO	NO	bb
5	200608P1-9	Standard	12.500	6.26	22308.641	11062.261	25.208	12.5	-0.2	NO	NO	bb
6	200608P1-10	Standard	12.500	6.26	21592.379	11300.229	23.885	11.8	-5.4	NO	NO	bb
7	200608P1-11	Standard	12.500	6.26	24012.078	11409.492	26.307	13.0	4.2	NO	NO	bb
8	200608P1-12	Standard	12.500	6.26	22035.242	10755.045	25.610	12.7	1.4	NO	NO	bb
9	200608P1-13	Standard	12.500	6.26	22666.023	10645.945	26.613	13.2	5.4	NO	NO	bb
10	200608P1-14	Standard	12.500	6.26	19461.953	9433.891	25.787	12.8	2.1	NO	NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 98.4013
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	149.200	6.18	12878.202		12878.202	130.9	-12.3	NO	NO	bbX
2	200608P1-6	Standard	149.200	6.18	14813.495		14813.495	150.5	0.9	NO	NO	bbX
3	200608P1-7	Standard	149.200	6.18	14618.917		14618.917	148.6	-0.4	NO	NO	bbX
4	200608P1-8	Standard	149.200	6.18	14179.213		14179.213	144.1	-3.4	NO	NO	bbX
5	200608P1-9	Standard	149.200	6.18	14141.265		14141.265	143.7	-3.7	NO	NO	bbX
6	200608P1-10	Standard	149.200	6.18	14681.472		14681.472	149.2	0.0	NO	NO	bb
7	200608P1-11	Standard	149.200	6.18	15287.840		15287.840	155.4	4.1	NO	NO	bbX
8	200608P1-12	Standard	149.200	6.18	14998.371		14998.371	152.4	2.2	NO	NO	bbX
9	200608P1-13	Standard	149.200	6.18	15278.172		15278.172	155.3	4.1	NO	NO	bbX
10	200608P1-14	Standard	149.200	6.18	14131.694		14131.694	143.6	-3.7	NO	NO	bbX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.111165
RRF SD: 0.00738397, Relative SD: 6.64234
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	149.200	6.18	12878.202	10321.927	15.596	140.3	-6.0	NO	NO	bb
2	200608P1-6	Standard	149.200	6.18	14813.495	11644.808	15.901	143.0	-4.1	NO	NO	bb
3	200608P1-7	Standard	149.200	6.18	14618.917	11831.888	15.444	138.9	-6.9	NO	NO	bb
4	200608P1-8	Standard	149.200	6.18	14179.213	11180.012	15.853	142.6	-4.4	NO	NO	bb
5	200608P1-9	Standard	149.200	6.18	14141.265	11062.261	15.979	143.7	-3.7	NO	NO	bb
6	200608P1-10	Standard	149.200	6.18	14681.472	11300.229	16.240	146.1	-2.1	NO	NO	bb
7	200608P1-11	Standard	149.200	6.18	15287.840	11409.492	16.749	150.7	1.0	NO	NO	bb
8	200608P1-12	Standard	149.200	6.18	14998.371	10755.045	17.432	156.8	5.1	NO	NO	bb
9	200608P1-13	Standard	149.200	6.18	15278.172	10645.945	17.939	161.4	8.2	NO	NO	bb
10	200608P1-14	Standard	149.200	6.18	14131.694	9433.891	18.725	168.4	12.9	NO	NO	bb

Compound name: d9-N-EtFOSE-EIS
Response Factor: 105.274
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200608P1-5	Standard	149.200	6.33	14111.763		14111.763	134.0	-10.2	NO	NO	bbX
2	200608P1-6	Standard	149.200	6.33	15936.162		15936.162	151.4	1.5	NO	NO	bbX
3	200608P1-7	Standard	149.200	6.33	15215.057		15215.057	144.5	-3.1	NO	NO	bbX
4	200608P1-8	Standard	149.200	6.33	15685.028		15685.028	149.0	-0.1	NO	NO	bbX
5	200608P1-9	Standard	149.200	6.33	15383.235		15383.235	146.1	-2.1	NO	NO	bbX
6	200608P1-10	Standard	149.200	6.33	15706.860		15706.860	149.2	0.0	NO	NO	bb
7	200608P1-11	Standard	149.200	6.33	15826.908		15826.908	150.3	0.8	NO	NO	bbX
8	200608P1-12	Standard	149.200	6.33	15873.546		15873.546	150.8	1.1	NO	NO	bbX
9	200608P1-13	Standard	149.200	6.33	16521.916		16521.916	156.9	5.2	NO	NO	bbX
10	200608P1-14	Standard	149.200	6.34	14391.489		14391.489	136.7	-8.4	NO	NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.118513
RRF SD: 0.00672117, Relative SD: 5.67126
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	149.200	6.33	14111.763	10321.927	17.090	144.2	-3.4	NO	NO	bb
2	200608P1-6	Standard	149.200	6.33	15936.162	11644.808	17.107	144.3	-3.3	NO	NO	bb
3	200608P1-7	Standard	149.200	6.33	15215.057	11831.888	16.074	135.6	-9.1	NO	NO	bb
4	200608P1-8	Standard	149.200	6.33	15685.028	11180.012	17.537	148.0	-0.8	NO	NO	bb
5	200608P1-9	Standard	149.200	6.33	15383.235	11062.261	17.383	146.7	-1.7	NO	NO	bb
6	200608P1-10	Standard	149.200	6.33	15706.860	11300.229	17.374	146.6	-1.7	NO	NO	bb
7	200608P1-11	Standard	149.200	6.33	15826.908	11409.492	17.340	146.3	-1.9	NO	NO	bb
8	200608P1-12	Standard	149.200	6.33	15873.546	10755.045	18.449	155.7	4.3	NO	NO	bb
9	200608P1-13	Standard	149.200	6.33	16521.916	10645.945	19.399	163.7	9.7	NO	NO	bb
10	200608P1-14	Standard	149.200	6.34	14391.489	9433.891	19.069	160.9	7.8	NO	NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	1.15	4251.210	4251.210	12.500	12.5	0.0	NO	NO	bb
2	200608P1-6	Standard	12.500	1.15	4630.999	4630.999	12.500	12.5	0.0	NO	NO	MM
3	200608P1-7	Standard	12.500	1.15	4654.288	4654.288	12.500	12.5	0.0	NO	NO	bb
4	200608P1-8	Standard	12.500	1.15	4472.219	4472.219	12.500	12.5	0.0	NO	NO	bb
5	200608P1-9	Standard	12.500	1.15	4679.337	4679.337	12.500	12.5	0.0	NO	NO	MM
6	200608P1-10	Standard	12.500	1.16	4805.007	4805.007	12.500	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	1.15	4407.335	4407.335	12.500	12.5	0.0	NO	NO	MM
8	200608P1-12	Standard	12.500	1.15	4699.774	4699.774	12.500	12.5	0.0	NO	NO	bb
9	200608P1-13	Standard	12.500	1.15	4658.699	4658.699	12.500	12.5	0.0	NO	NO	bb
10	200608P1-14	Standard	12.500	1.16	4644.671	4644.671	12.500	12.5	0.0	NO	NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	200608P1-5	Standard	12.500	2.88	10844.992	10844.992	12.500	12.5	0.0	NO		NO	bb
2	200608P1-6	Standard	12.500	2.87	12390.696	12390.696	12.500	12.5	0.0	NO		NO	bb
3	200608P1-7	Standard	12.500	2.88	12832.826	12832.826	12.500	12.5	0.0	NO		NO	bb
4	200608P1-8	Standard	12.500	2.87	12436.493	12436.493	12.500	12.5	0.0	NO		NO	bb
5	200608P1-9	Standard	12.500	2.88	12170.960	12170.960	12.500	12.5	0.0	NO		NO	bb
6	200608P1-10	Standard	12.500	2.88	12151.530	12151.530	12.500	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	2.88	12631.541	12631.541	12.500	12.5	0.0	NO		NO	bb
8	200608P1-12	Standard	12.500	2.88	12526.861	12526.861	12.500	12.5	0.0	NO		NO	bb
9	200608P1-13	Standard	12.500	2.88	12503.258	12503.258	12.500	12.5	0.0	NO		NO	bb
10	200608P1-14	Standard	12.500	2.89	11328.257	11328.257	12.500	12.5	0.0	NO		NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	200608P1-5	Standard	12.500	3.65	802.164	802.164	12.500	12.5	0.0	NO		NO	bb
2	200608P1-6	Standard	12.500	3.65	870.366	870.366	12.500	12.5	0.0	NO		NO	bb
3	200608P1-7	Standard	12.500	3.65	920.285	920.285	12.500	12.5	0.0	NO		NO	bb
4	200608P1-8	Standard	12.500	3.65	848.754	848.754	12.500	12.5	0.0	NO		NO	bb
5	200608P1-9	Standard	12.500	3.65	927.307	927.307	12.500	12.5	0.0	NO		NO	bb
6	200608P1-10	Standard	12.500	3.65	940.589	940.589	12.500	12.5	0.0	NO		NO	bb
7	200608P1-11	Standard	12.500	3.65	901.122	901.122	12.500	12.5	0.0	NO		NO	bb
8	200608P1-12	Standard	12.500	3.65	963.671	963.671	12.500	12.5	0.0	NO		NO	bb
9	200608P1-13	Standard	12.500	3.65	881.693	881.693	12.500	12.5	0.0	NO		NO	bb
10	200608P1-14	Standard	12.500	3.66	749.916	749.916	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.00	10670.511	10670.511	12.500	12.5	0.0	NO	NO	bb
2	200608P1-6	Standard	12.500	4.00	11052.978	11052.978	12.500	12.5	0.0	NO	NO	bb
3	200608P1-7	Standard	12.500	4.01	10992.468	10992.468	12.500	12.5	0.0	NO	NO	bb
4	200608P1-8	Standard	12.500	4.01	11131.809	11131.809	12.500	12.5	0.0	NO	NO	bb
5	200608P1-9	Standard	12.500	4.01	10311.553	10311.553	12.500	12.5	0.0	NO	NO	bb
6	200608P1-10	Standard	12.500	4.01	10643.031	10643.031	12.500	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.01	11006.637	11006.637	12.500	12.5	0.0	NO	NO	bb
8	200608P1-12	Standard	12.500	4.01	10291.825	10291.825	12.500	12.5	0.0	NO	NO	bb
9	200608P1-13	Standard	12.500	4.01	11293.787	11293.787	12.500	12.5	0.0	NO	NO	bb
10	200608P1-14	Standard	12.500	4.01	8148.380	8148.380	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.45	11152.433	11152.433	12.500	12.5	0.0	NO	NO	bb
2	200608P1-6	Standard	12.500	4.45	11758.089	11758.089	12.500	12.5	0.0	NO	NO	bb
3	200608P1-7	Standard	12.500	4.45	12459.868	12459.868	12.500	12.5	0.0	NO	NO	bb
4	200608P1-8	Standard	12.500	4.45	12694.081	12694.081	12.500	12.5	0.0	NO	NO	bb
5	200608P1-9	Standard	12.500	4.45	11806.164	11806.164	12.500	12.5	0.0	NO	NO	bb
6	200608P1-10	Standard	12.500	4.45	12198.709	12198.709	12.500	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.45	12226.084	12226.084	12.500	12.5	0.0	NO	NO	bb
8	200608P1-12	Standard	12.500	4.45	12207.449	12207.449	12.500	12.5	0.0	NO	NO	bb
9	200608P1-13	Standard	12.500	4.45	11198.864	11198.864	12.500	12.5	0.0	NO	NO	bb
10	200608P1-14	Standard	12.500	4.46	10570.389	10570.389	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.54	2191.559	2191.559	12.500	12.5	0.0	NO	NO	bb
2	200608P1-6	Standard	12.500	4.54	2560.290	2560.290	12.500	12.5	0.0	NO	NO	bb
3	200608P1-7	Standard	12.500	4.54	2752.319	2752.319	12.500	12.5	0.0	NO	NO	bb
4	200608P1-8	Standard	12.500	4.54	2610.265	2610.265	12.500	12.5	0.0	NO	NO	bb
5	200608P1-9	Standard	12.500	4.54	2380.344	2380.344	12.500	12.5	0.0	NO	NO	bb
6	200608P1-10	Standard	12.500	4.54	2637.776	2637.776	12.500	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.54	2347.379	2347.379	12.500	12.5	0.0	NO	NO	bb
8	200608P1-12	Standard	12.500	4.54	2468.706	2468.706	12.500	12.5	0.0	NO	NO	bb
9	200608P1-13	Standard	12.500	4.54	2413.350	2413.350	12.500	12.5	0.0	NO	NO	bb
10	200608P1-14	Standard	12.500	4.55	2045.153	2045.153	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200608P1-5	Standard	12.500	4.83	11085.106	11085.106	12.500	12.5	0.0	NO	NO	bb
2	200608P1-6	Standard	12.500	4.83	12414.809	12414.809	12.500	12.5	0.0	NO	NO	bb
3	200608P1-7	Standard	12.500	4.83	12888.909	12888.909	12.500	12.5	0.0	NO	NO	bb
4	200608P1-8	Standard	12.500	4.83	11989.618	11989.618	12.500	12.5	0.0	NO	NO	bb
5	200608P1-9	Standard	12.500	4.83	12692.283	12692.283	12.500	12.5	0.0	NO	NO	bb
6	200608P1-10	Standard	12.500	4.84	12540.914	12540.914	12.500	12.5	0.0	NO	NO	bb
7	200608P1-11	Standard	12.500	4.84	12203.219	12203.219	12.500	12.5	0.0	NO	NO	bb
8	200608P1-12	Standard	12.500	4.83	11756.061	11756.061	12.500	12.5	0.0	NO	NO	bb
9	200608P1-13	Standard	12.500	4.83	11777.221	11777.221	12.500	12.5	0.0	NO	NO	bb
10	200608P1-14	Standard	12.500	4.84	10994.719	10994.719	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Reviewed
1	200608P1-5	Standard	12.500	5.16	10321.927	10321.927	12.500	12.5	0.0	NO	NO		bb
2	200608P1-6	Standard	12.500	5.16	11644.808	11644.808	12.500	12.5	0.0	NO	NO		bb
3	200608P1-7	Standard	12.500	5.16	11831.888	11831.888	12.500	12.5	0.0	NO	NO		bb
4	200608P1-8	Standard	12.500	5.16	11180.012	11180.012	12.500	12.5	0.0	NO	NO		bb
5	200608P1-9	Standard	12.500	5.16	11062.261	11062.261	12.500	12.5	0.0	NO	NO		bb
6	200608P1-10	Standard	12.500	5.16	11300.229	11300.229	12.500	12.5	0.0	NO	NO		bb
7	200608P1-11	Standard	12.500	5.16	11409.492	11409.492	12.500	12.5	0.0	NO	NO		bb
8	200608P1-12	Standard	12.500	5.16	10755.045	10755.045	12.500	12.5	0.0	NO	NO		bb
9	200608P1-13	Standard	12.500	5.16	10645.945	10645.945	12.500	12.5	0.0	NO	NO		bb
10	200608P1-14	Standard	12.500	5.16	9433.891	9433.891	12.500	12.5	0.0	NO	NO		bb

Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:46:40 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	1	PFBA	47	0.9974	NO
	2	PFPrS	51	0.9956	NO
	3	3:3 FTCA	49	0.9996	NO
	4	PFPeA	49	0.9986	NO
	5	PFBS	51	0.9970	NO
	6	4:2 FTS	55	0.9979	NO
	7	PFHxA	57	0.9980	NO
	8	PFPeS	51	0.9975	NO
	9	HFPO-DA	53	0.9969	NO
	10	5:3 FTCA	59	0.9989	NO
	11	PFHpA	59	0.9978	NO
	12	ADONA	59	0.9967	NO
	13	L-PFHxS	61	0.9982	NO
	15	6:2 FTS	63	0.9984	NO
	16	L-PFOA	69	0.9936	NO
	18	PFecHS	69	0.9954	NO
	19	PFHpS	71	0.9970	NO
	20	7:3 FTCA	65	0.9985	NO
	21	PFNA	65	0.9985	NO
	22	PFOSA	67	0.9991	NO
	23	L-PFOS	71	0.9981	NO
	25	9Cl-PF30NS	71	0.9971	NO
	26	PFDA	73	0.9993	NO
	27	8:2 FTS	75	0.9993	NO
	28	PFNS	71	0.9966	NO
	29	L-MeFOSAA	77	0.9967	NO

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:49:32 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	Compound	IS#	r²	Qual	%RSD
	31 L-EtFOSAA	81	0.9997	NO	
	33 PFUdA	79	0.9990	NO	
	34 PFDS	71	0.9944	NO	
	35 11Cl-PF30UdS	83	0.9978	NO	
	36 10:2 FTS	85	0.9961	NO	
	37 PFDoA	83	0.9989	NO	
	38 N-MeFOSA	87	0.9991	NO	
	39 PFTrDA	83	0.9981	NO	
	40 PFDoS	89	0.9978	NO	
	41 PFTeDA	89	0.9974	NO	
	42 N-EtFOSA	91	0.9986	NO	
	43 PFHxDA	93	0.9992	NO	
	44 PFODA	93	0.9989	NO	
	45 N-MeFOSE	95	0.9998	NO	
	46 N-EtFOSE	97	0.9978	NO	
	47 13C3-PFBA-EIS			NO	0.000
	48 13C3-PFBA-RSD	99		NO	4.064
	49 13C3-PFPeA-EIS			NO	0.000
	50 13C3-PFPeA-RSD	100		NO	3.666
	51 13C3-PFBS-EIS			NO	0.000
	52 13C3-PFBS-RSD	101		NO	6.919
	53 13C3-HFPO-DA-EIS			NO	0.000
	54 13C3-HFPO-DA-RSD	100		NO	5.520
	55 13C2-4:2 FTS-EIS			NO	0.000
	56 13C2-4:2 FTS-RSD	101		NO	8.229
	57 13C2-PFHxA-EIS			NO	0.000
	58 13C2-PFHxA-RSD	100		NO	3.296
	59 13C4-PFHpA-EIS			NO	0.000
	60 13C4-PFHpA-RSD	100		NO	4.602
	61 13C3-PFHxS-EIS			NO	0.000
	62 13C3-PFHxS-RSD	101		NO	5.897
	63 13C2-6:2 FTS-EIS			NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:49:32 Pacific Daylight Time

Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	13C2-6:2 FTS-RSD	104	NO	6.491	
65	13C5-PFNA-EIS		NO	0.000	
66	13C5-PFNA-RSD	103	NO	4.886	
67	13C8-PFOSA-EIS		NO	0.000	
68	13C8-PFOSA-RSD	106	NO	4.023	
69	13C2-PFOA-EIS		NO	0.000	
70	13C2-PFOA-RSD	102	NO	6.110	
71	13C8-PFOS-EIS		NO	0.000	
72	13C8-PFOS-RSD	104	NO	6.723	
73	13C2-PFDA-EIS		NO	0.000	
74	13C2-PFDA-RSD	105	NO	5.491	
75	13C2-8:2 FTS-EIS		NO	0.000	
76	13C2-8:2 FTS-RSD	104	NO	9.537	
77	d3-N-MeFOSAA-EIS		NO	0.000	
78	d3-N-MeFOSAA-RSD	106	NO	7.142	
79	13C2-PFUdA-EIS		NO	0.000	
80	13C2-PFUdA-RSD	106	NO	4.227	
81	d5-N-EtFOSAA-EIS		NO	0.000	
82	d5-N-EtFOSAA-RSD	106	NO	5.677	
83	13C2-PFDoA-EIS		NO	0.000	
84	13C2-PFDoA-RSD	105	NO	4.644	
85	13C2-10:2 FTS-EIS		NO	0.000	
86	13C2-10:2 FTS-RSD	104	NO	12.618	
87	d3-N-MeFOSA-EIS		NO	0.000	
88	d3-N-MeFOSA-RSD	106	NO	6.527	
89	13C2-PFTeDA-EIS		NO	0.000	
90	13C2-PFTeDA-RSD	106	NO	3.877	
91	d5-N-ETFOSA-EIS		NO	0.000	
92	d5-N-ETFOSA-RSD	106	NO	2.993	
93	13C2-PFHxDA-EIS		NO	0.000	
94	13C2-PFHxDA-RSD	106	NO	3.916	
95	d7-N-MeFOSE-EIS		NO	0.000	
96	d7-N-MeFOSE-RSD	106	NO	6.642	
97	d9-N-EtFOSE-EIS		NO	0.000	
98	d9-N-EtFOSE-RSD	106	NO	5.671	
99	13C4-PFBA	99	NO	0.000	

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:49:32 Pacific Daylight Time

Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

69	1...	13C5-PFHxA	100	NO	0.000
70	1...	18O2-PFHxS	101	NO	0.000
71	1...	13C8-PFOA	102	NO	0.000
72	1...	13C9-PFNA	103	NO	0.000
73	1...	13C4-PFOS	104	NO	0.000
74	1...	13C6-PFDA	105	NO	0.000
75	1...	13C7-PFUdA	106	NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:54:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:54:48 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 12:54:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	Name	Pred RT	RT	Pred Ratio	Ion Ratio	Ratio Out?
1	PFBA	1.15	1.16			
2	PFPrS	1.53	1.48	2.564	2.564	NO
3	3:3 FTCA	1.96	1.95	3.317	3.317	NO
4	PFPeA	2.09	2.08			
5	PFBS	2.37	2.37	2.558	2.558	NO
6	4:2 FTS	2.80	2.80	0.666	0.666	NO
7	PFHxA	2.88	2.88	17.964	17.964	NO
8	PFPeS	3.07	3.09	2.386	2.386	NO
9	HFPO-DA	3.11	3.11	2.357	2.357	NO
10	5:3 FTCA	3.45	3.45	1.621	1.621	NO
11	PFHpA	3.51	3.51	41.938	41.938	NO
12	ADONA	3.59	3.62	3.911	3.911	NO
13	L-PFHxS	3.65	3.65	3.923	3.923	NO
15	6:2 FTS	3.95	3.95	0.791	0.791	NO
16	L-PFOA	4.01	4.01	3.086	3.086	NO
18	PFecHS	4.03	4.03	0.574	0.574	NO
19	PFHpS	4.16	4.13	1.834	1.834	NO
20	7:3 FTCA	4.44	4.44	1.224	1.224	NO
21	PFNA	4.45	4.45	15.137	15.137	NO
22	PFOSA	4.50	4.50	19.391	19.391	NO
23	L-PFOS	4.54	4.54	2.585	2.585	NO
25	9Cl-PF30NS	4.74	4.76	30.324	30.324	NO
26	PFDA	4.83	4.84	4.972	4.972	NO
27	8:2 FTS	4.80	4.80	0.608	0.608	NO
28	PFNS	4.87	4.90	2.473	2.473	NO
29	L-MeFOSAA	4.98	4.99	1.800	1.800	NO

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:54:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:55:23 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 12:54:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	Analyte	Exp RT	RT	Pred Ratio	Ion Ratio	Ratio Out?
31	L-EtFOSAA	5.14	5.14	1.434	1.434	NO
33	PFUdA	5.16	5.16	15.753	15.753	NO
34	PFDS	5.14	5.21	2.639	2.639	NO
35	11Cl-PF30UdS	5.38	5.38	16.551	16.551	NO
36	10:2 FTS	5.42	5.43	1.178	1.178	NO
37	PFDoA	5.44	5.44	12.397	12.397	NO
38	N-MeFOSA	5.49	5.47	2.009	2.009	NO
39	PFTrDA	5.69	5.69	128.651	128.651	NO
40	PFDoS	5.72	5.72	2.105	2.105	NO
41	PFTeDA	5.91	5.91	14.372	14.372	NO
42	N-EtFOSA	5.93	5.93	1.865	1.865	NO
43	PFHxDA	6.26	6.26	31.669	31.669	NO
44	PFODA	6.46	6.51			
45	N-MeFOSE	6.18	6.19			
46	N-EtFOSE	6.33	6.34			

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Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 12:56:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:57:24 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200608P1-1	IPA	08-Jun-20	17:13:08
2	2	200608P1-2	TEST	08-Jun-20	17:23:52
3	3	200608P1-3	IPA	08-Jun-20	17:34:23
4	4	200608P1-4	IPA	08-Jun-20	17:47:16
5	5	200608P1-5	ST200608P1-1 PFC CS-2 20E2701	08-Jun-20	17:57:50
6	6	200608P1-6	ST200608P1-2 PFC CS-1 20E2702	08-Jun-20	18:08:18
7	7	200608P1-7	ST200608P1-3 PFC CS0 20F0201	08-Jun-20	18:18:50
8	8	200608P1-8	ST200608P1-4 PFC CS1 20E2704	08-Jun-20	18:29:18
9	9	200608P1-9	ST200608P1-5 PFC CS2 20E2705	08-Jun-20	18:39:50
10	10	200608P1-10	ST200608P1-6 PFC CS3 20E2706	08-Jun-20	18:50:20
11	11	200608P1-11	ST200608P1-7 PFC CS4 20F0303	08-Jun-20	19:00:49
12	12	200608P1-12	ST200608P1-8 PFC CS5 20E2708	08-Jun-20	19:11:21
13	13	200608P1-13	ST200608P1-9 PFC CS6 20E2709	08-Jun-20	19:21:50
14	14	200608P1-14	ST200608P1-10 PFC CS7 20E2710	08-Jun-20	19:32:22
15	15	200608P1-15	IB	08-Jun-20	19:42:51
16	16	200608P1-16	ICV200608P1-1 PFC ICV 20E2711	08-Jun-20	19:53:23
17	17	200608P1-17	IB	08-Jun-20	20:03:52

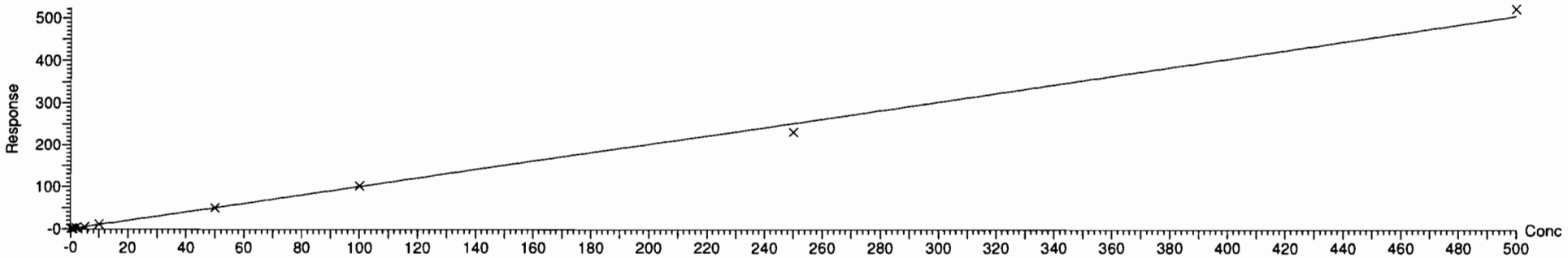
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

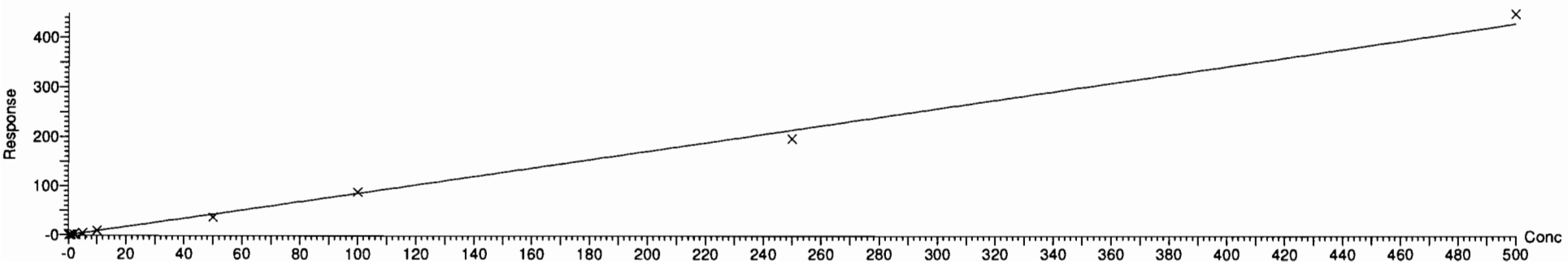
Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:53:15 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Compound name: PFBA
Correlation coefficient: r = 0.998700, r^2 = 0.997402
Calibration curve: 1.01252 * x + 0.0727244
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPrS
Correlation coefficient: r = 0.997810, r^2 = 0.995624
Calibration curve: 0.857988 * x + -0.0653128
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

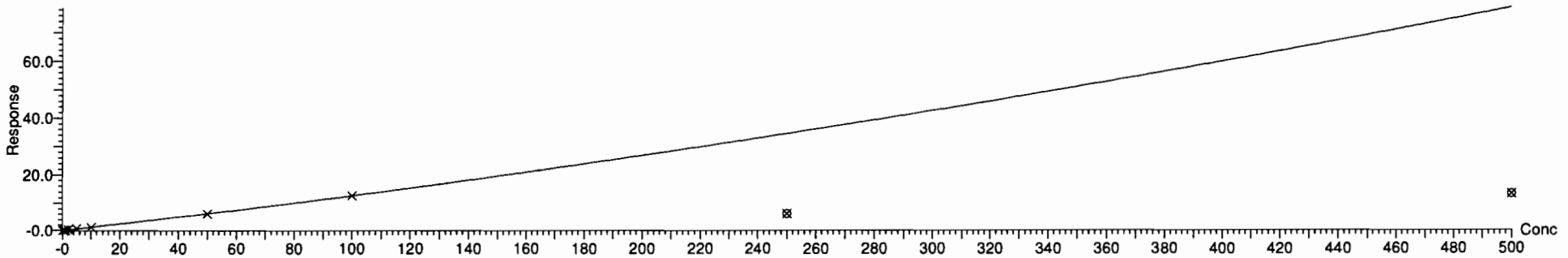


Vista Analytical Laboratory Q1

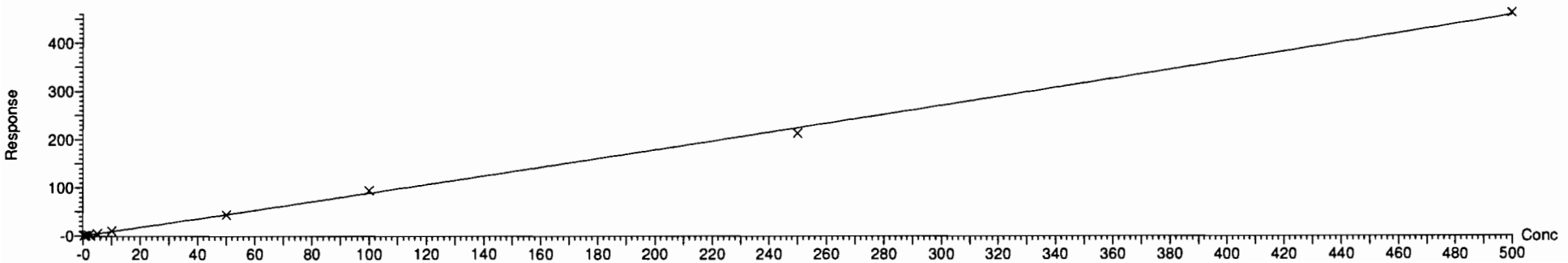
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:53:15 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999608
Calibration curve: 7.80354e-005 * x^2 + 0.118502 * x + 0.00287572
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



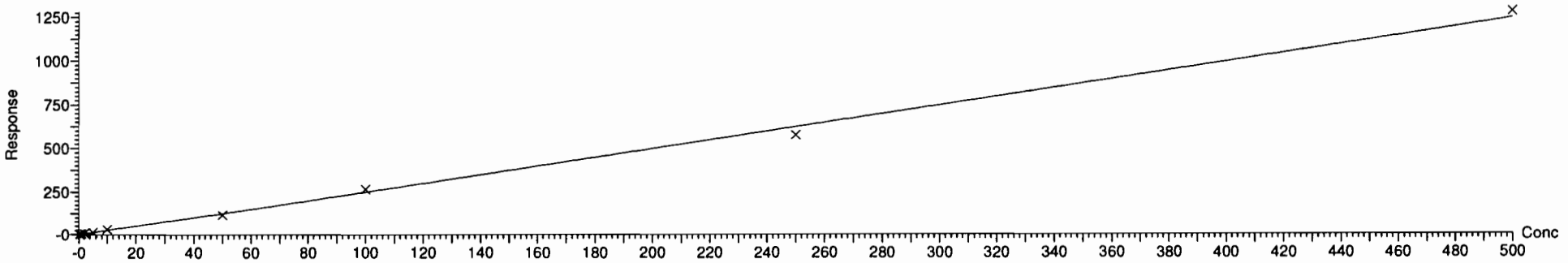
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998595
Calibration curve: 7.66649e-005 * x^2 + 0.877054 * x + 0.0557871
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



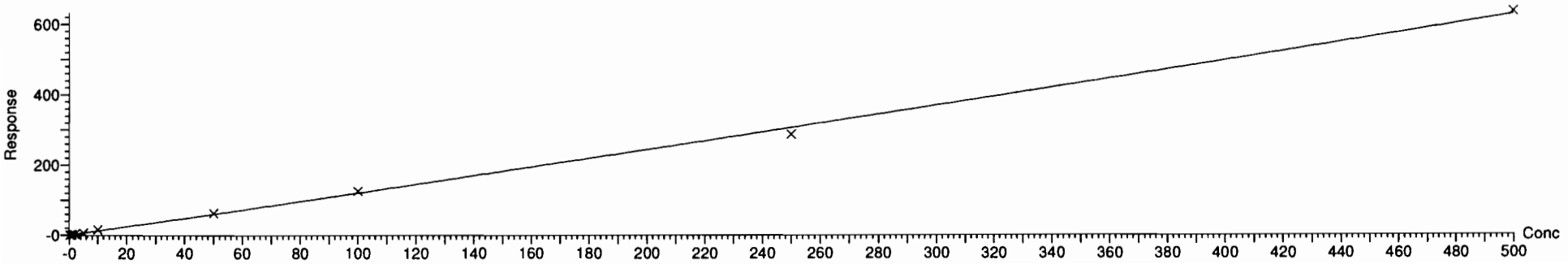
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:53:15 Pacific Daylight Time

Compound name: PFBS
Correlation coefficient: r = 0.998490, r^2 = 0.996982
Calibration curve: 2.48547 * x + 0.0638757
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



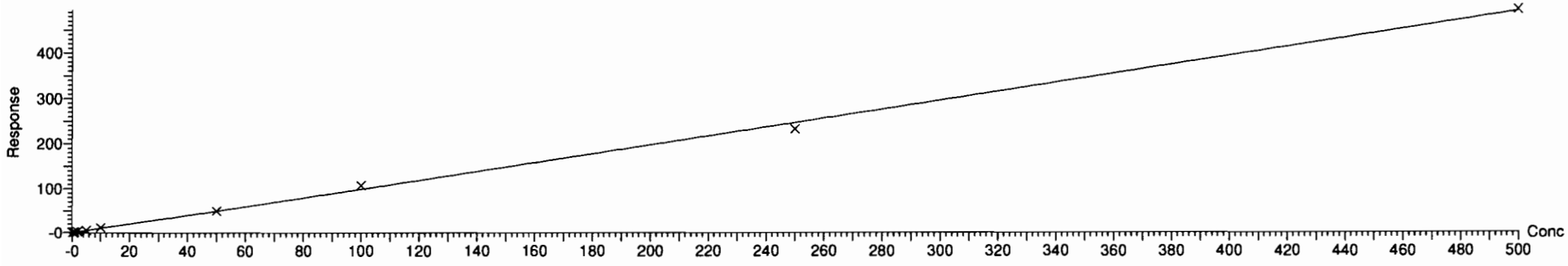
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.997947
Calibration curve: 0.000127186 * x^2 + 1.1886 * x + -0.0107694
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



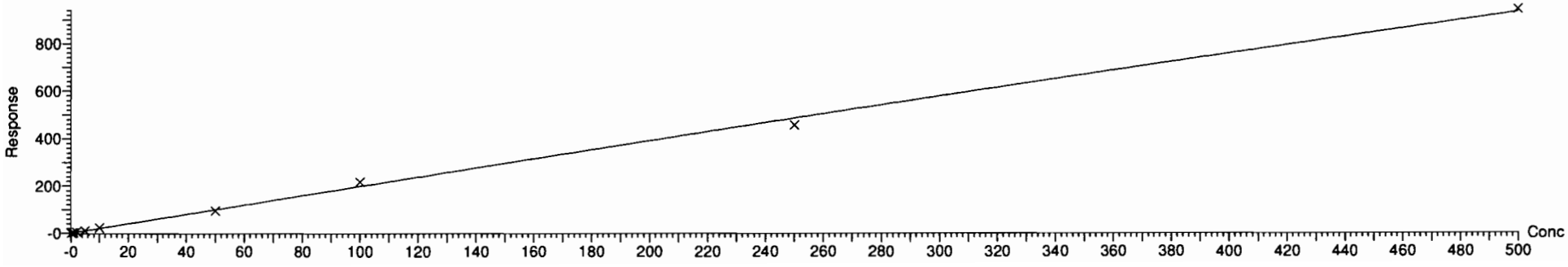
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:53:15 Pacific Daylight Time

Compound name: PFHxA
Correlation coefficient: r = 0.998984, r^2 = 0.997970
Calibration curve: 0.983766 * x + 0.0679695
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



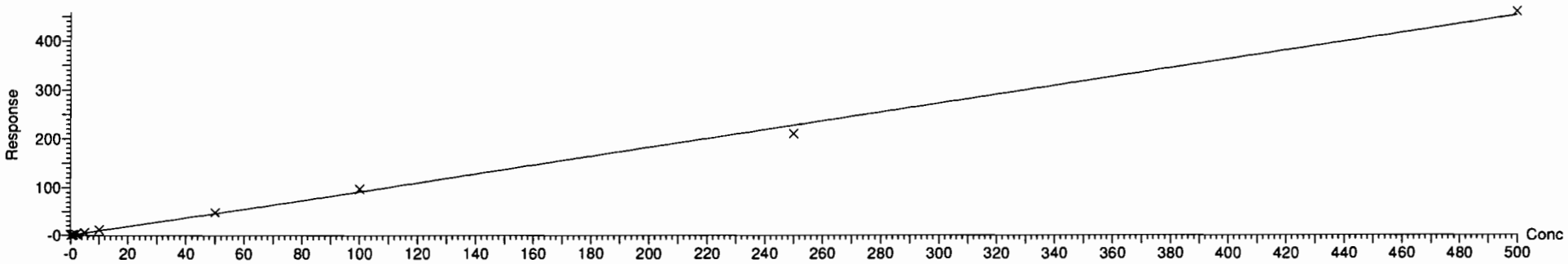
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.997494
Calibration curve: -0.000303059 * x^2 + 2.01325 * x + 0.0520003
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



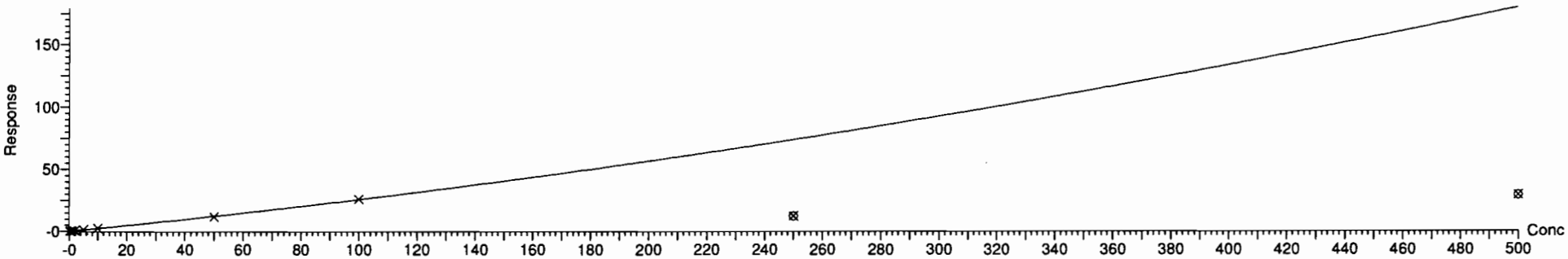
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:53:15 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.996940
Calibration curve: -2.34794e-005 * x^2 + 0.913873 * x + 0.0342944
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998941
Calibration curve: 0.000257569 * x^2 + 0.23013 * x + -0.00210229
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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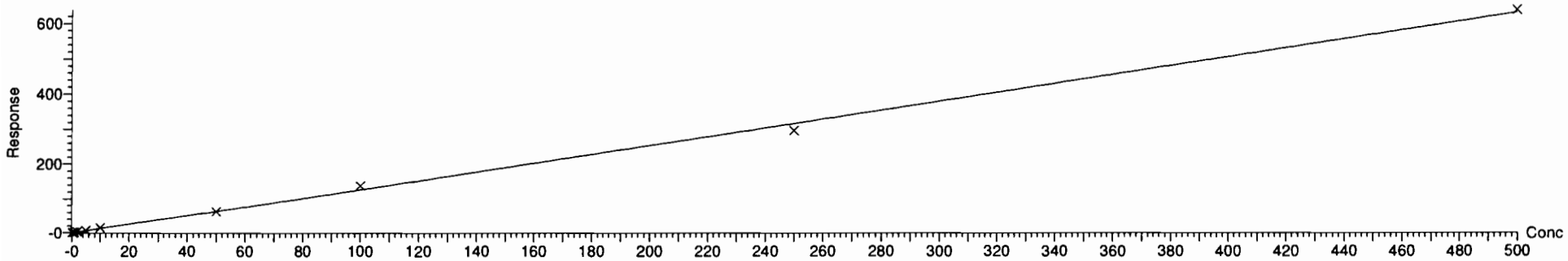
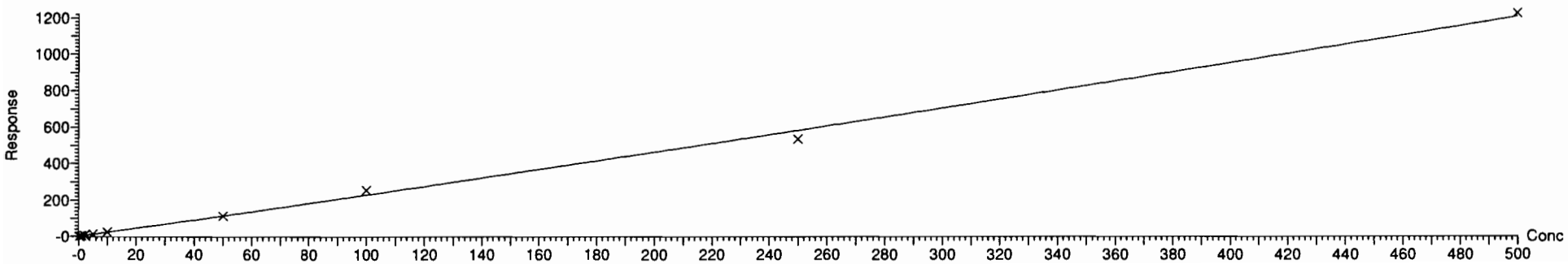
Compound name: PFHpA
Correlation coefficient: r = 0.998883, r^2 = 0.997767
Calibration curve: 1.26362 * x + 0.120052
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: ADONA
Coefficient of Determination: R^2 = 0.996665
Calibration curve: 0.000334169 * x^2 + 2.24444 * x + 0.170737
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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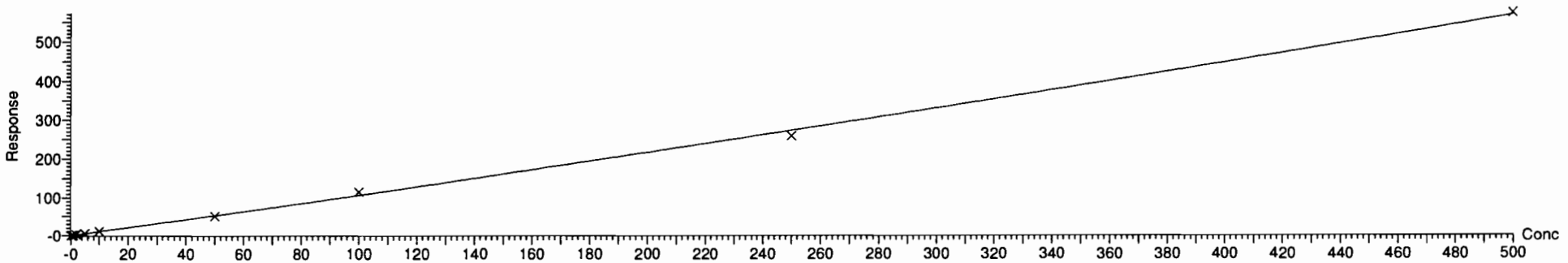
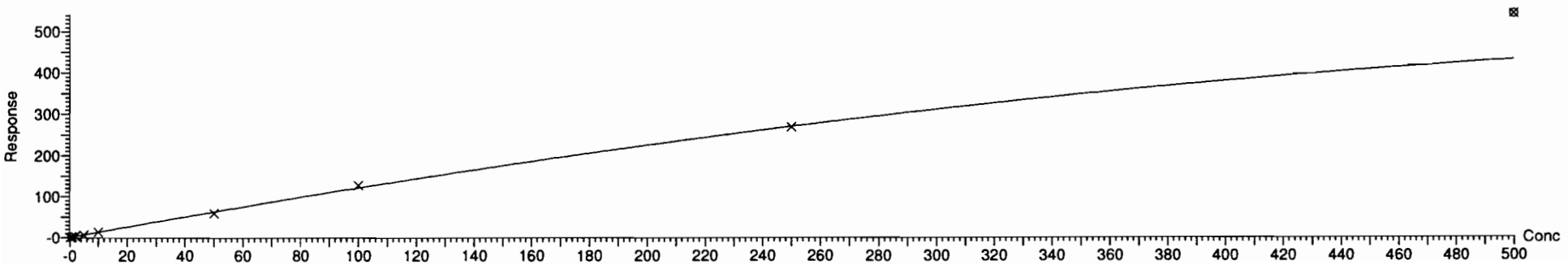
Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998192
Calibration curve: 0.000177576 * x^2 + 1.04652 * x + -0.0633494
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.998435
Calibration curve: -0.000867611 * x^2 + 1.2956 * x + -0.120731
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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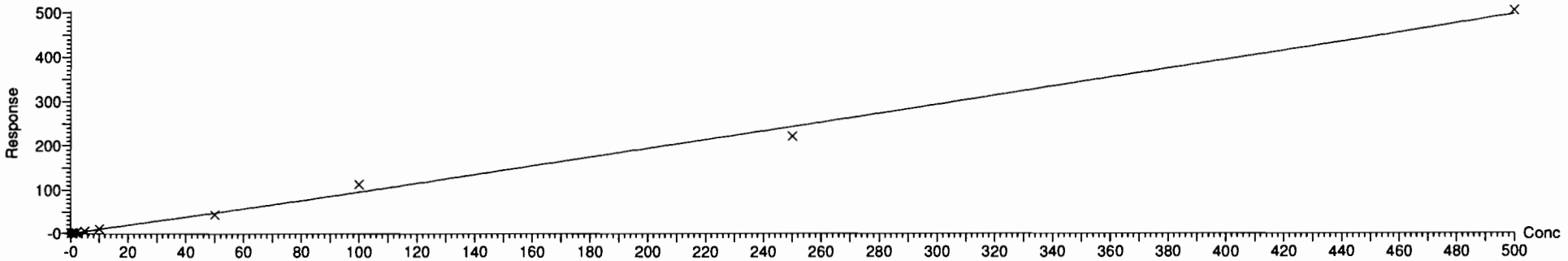
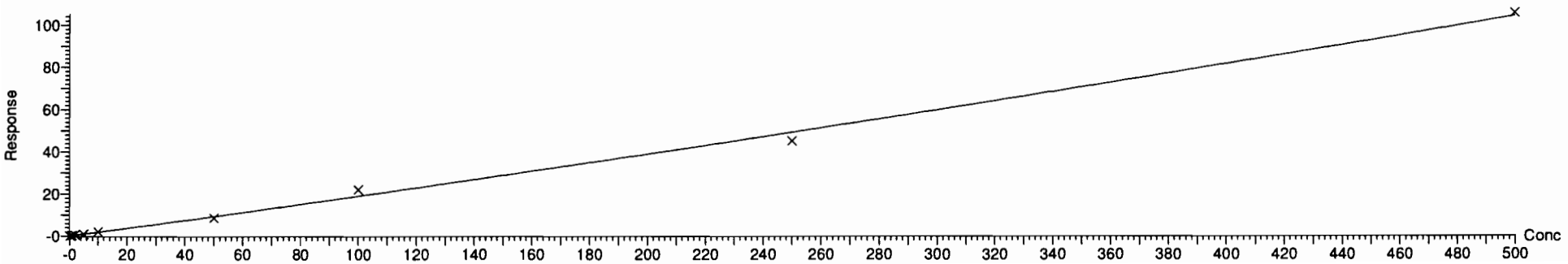
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.993581
Calibration curve: 7.94518e-005 * x^2 + 0.954046 * x + -0.087525
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFecHS
Coefficient of Determination: R^2 = 0.995394
Calibration curve: 4.60767e-005 * x^2 + 0.185273 * x + 0.00209774
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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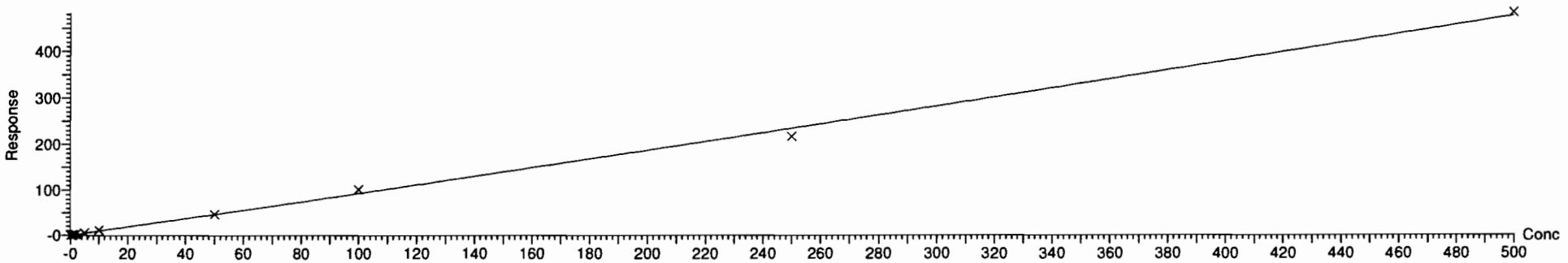
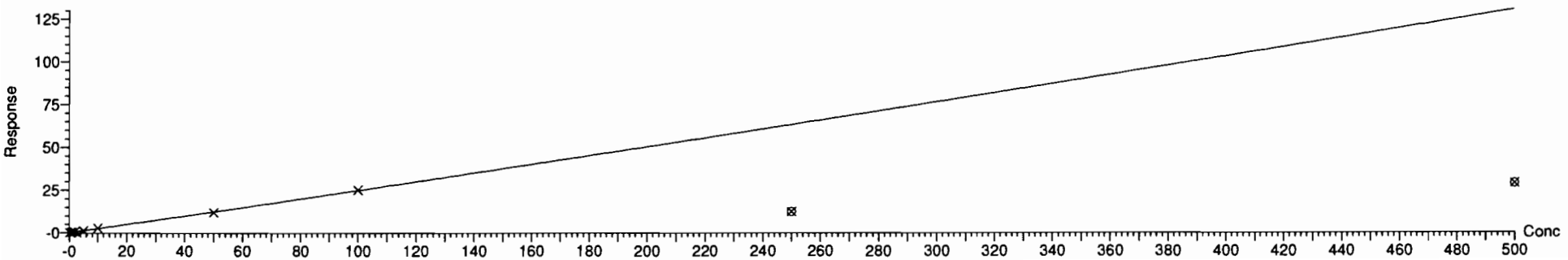
Compound name: PFHpS
Coefficient of Determination: R^2 = 0.997017
Calibration curve: 7.08083e-005 * x^2 + 0.91818 * x + 0.0496443
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998490
Calibration curve: 3.15872e-005 * x^2 + 0.245093 * x + -0.00639886
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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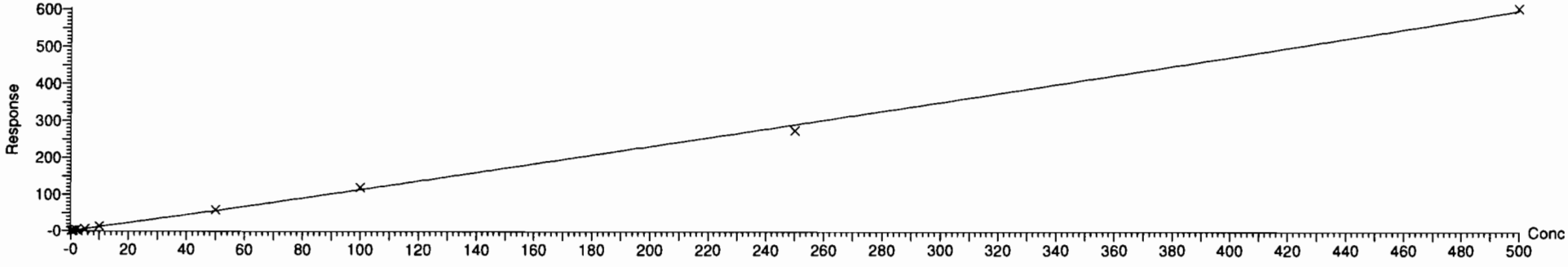
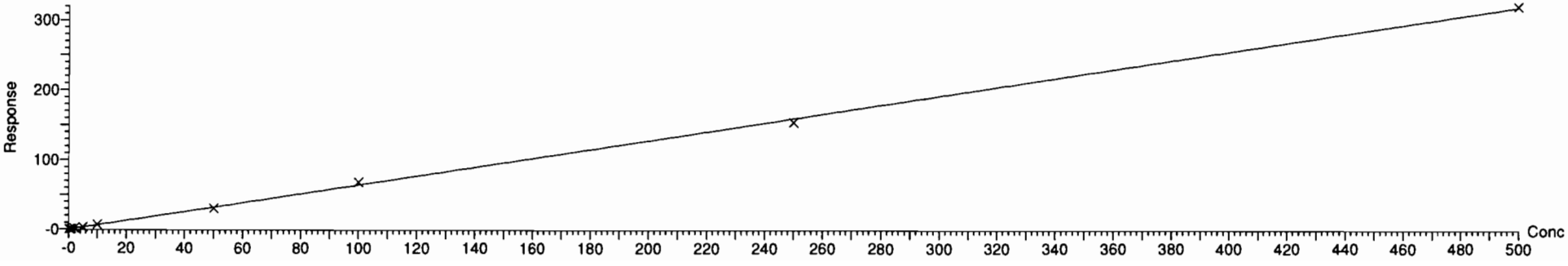
Compound name: PFNA
Coefficient of Determination: R^2 = 0.998514
Calibration curve: 0.000126553 * x^2 + 1.13505 * x + 0.1233
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999058
Calibration curve: -9.87111e-006 * x^2 + 0.642465 * x + 0.0504126
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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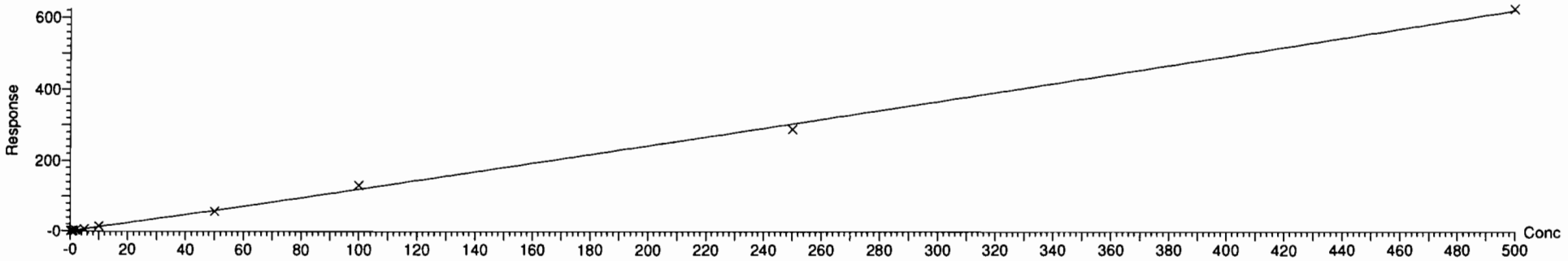
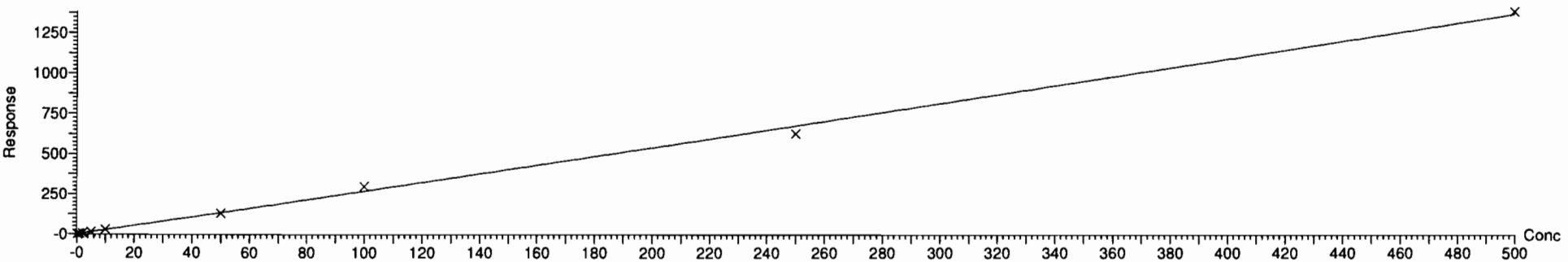
Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998104
Calibration curve: 9.14691e-005 * x^2 + 1.19516 * x + 0.165611
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997059
Calibration curve: 0.000127396 * x^2 + 2.67229 * x + -0.0347463
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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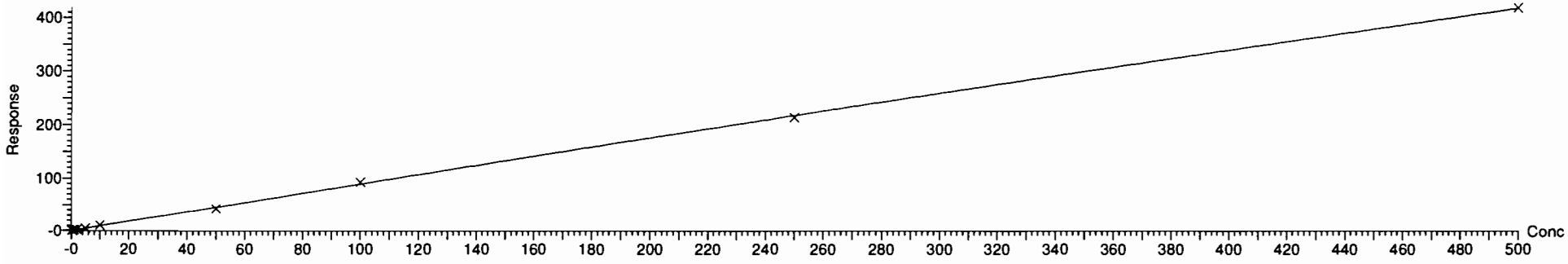
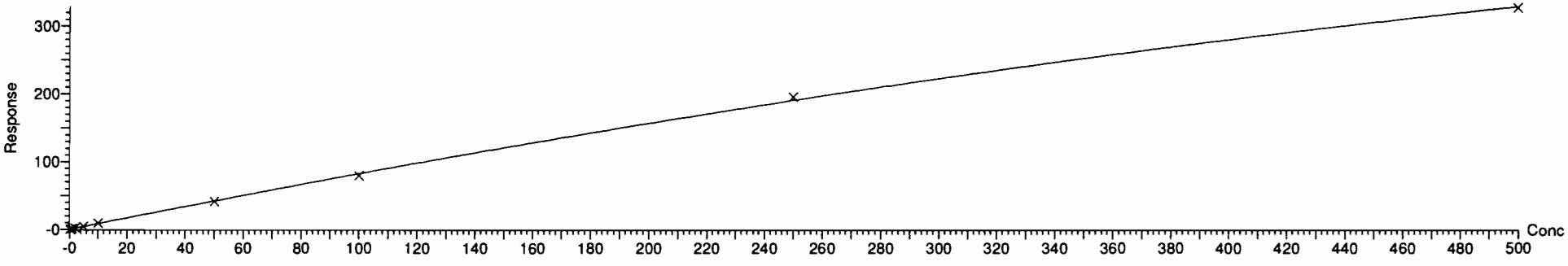
Compound name: PFDA
Coefficient of Determination: R^2 = 0.999264
Calibration curve: -0.000144044 * x^2 + 0.90698 * x + 0.0513748
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999263
Calibration curve: -0.00042727 * x^2 + 0.872157 * x + -0.0790341
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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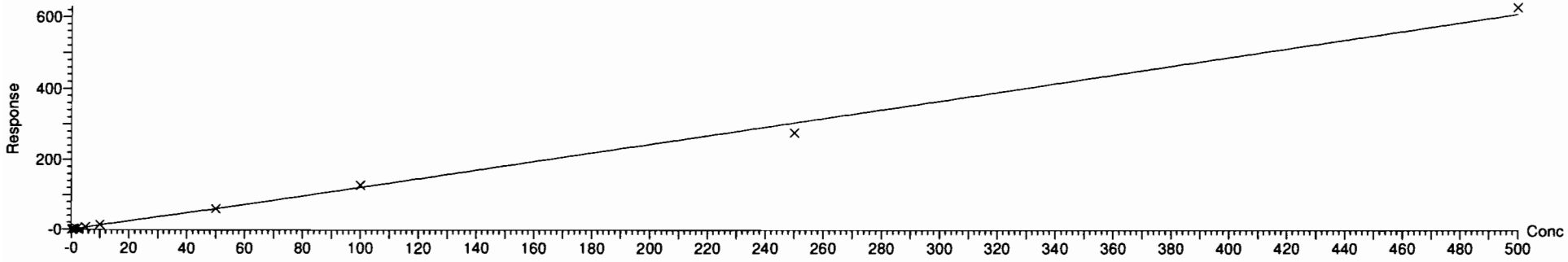
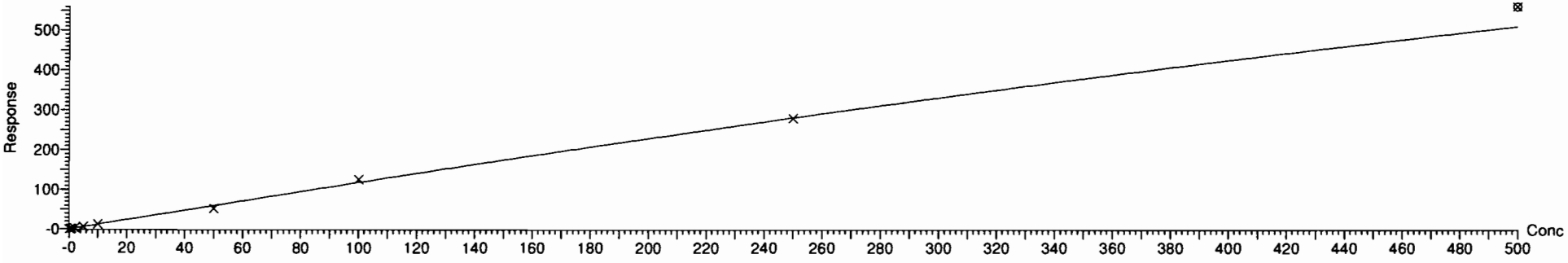
Compound name: PFNS
Correlation coefficient: r = 0.998306, r^2 = 0.996615
Calibration curve: 1.22109 * x + 0.0133654
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.996678
Calibration curve: -0.000415779 * x^2 + 1.22972 * x + -0.0262713
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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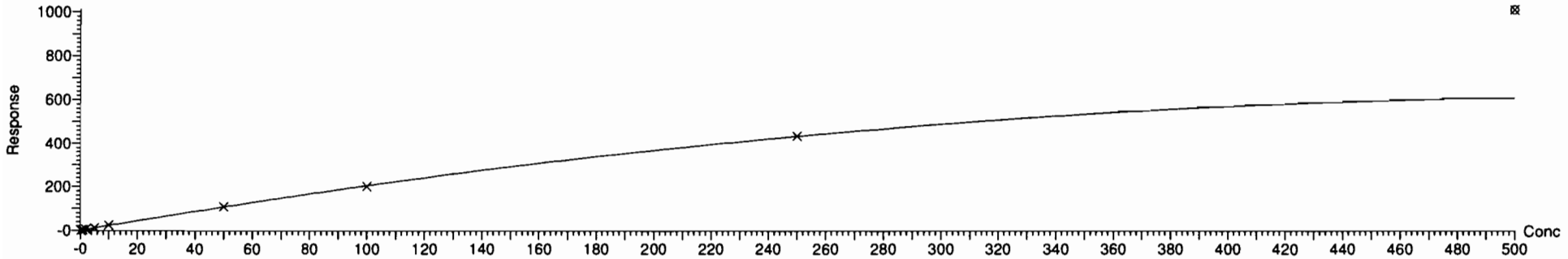
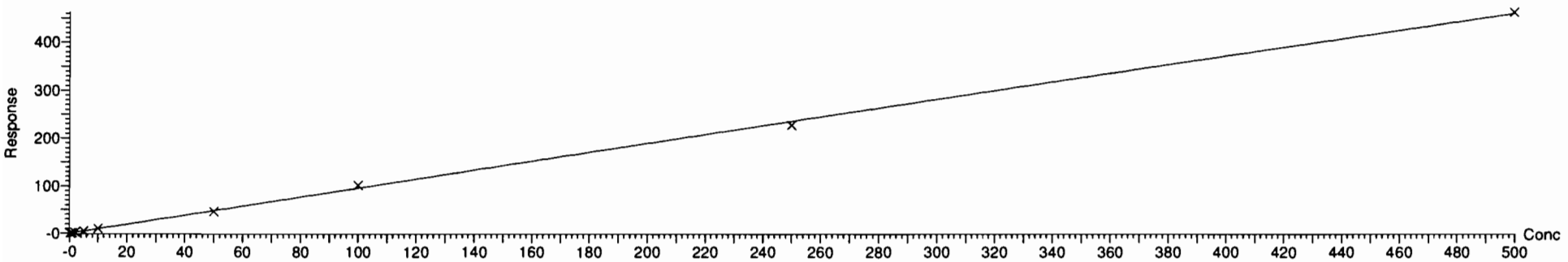
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999688
Calibration curve: -0.00206737 * x^2 + 2.25714 * x + -0.171411
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999049
Calibration curve: -9.38186e-005 * x^2 + 0.968428 * x + 0.0778855
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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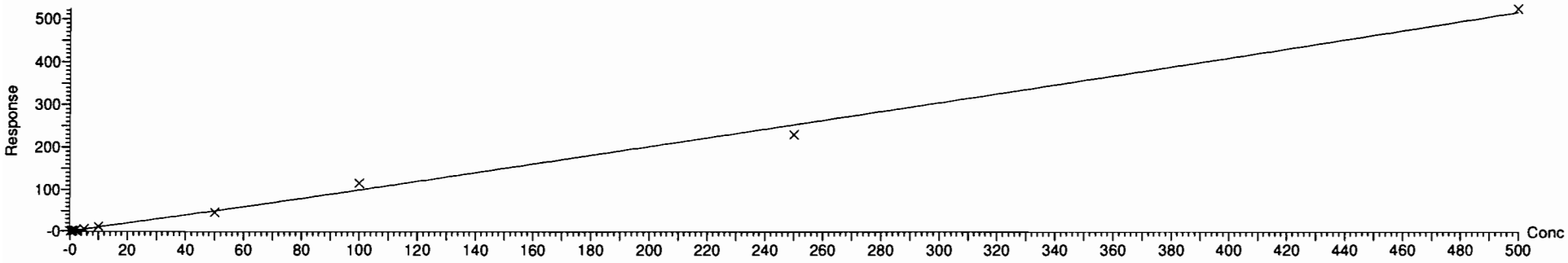
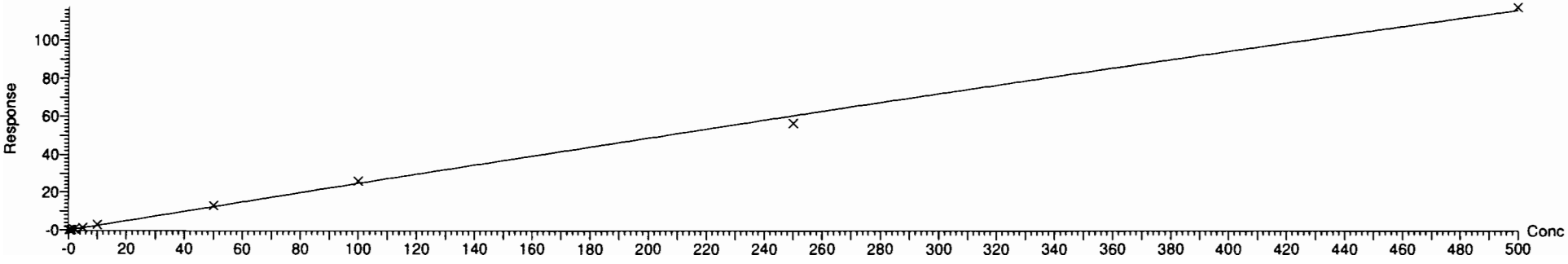
Compound name: PFDS
Coefficient of Determination: R^2 = 0.994375
Calibration curve: 7.3537e-005 * x^2 + 0.995924 * x + 0.0418057
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.997824
Calibration curve: -4.08646e-005 * x^2 + 0.252389 * x + 0.0110017
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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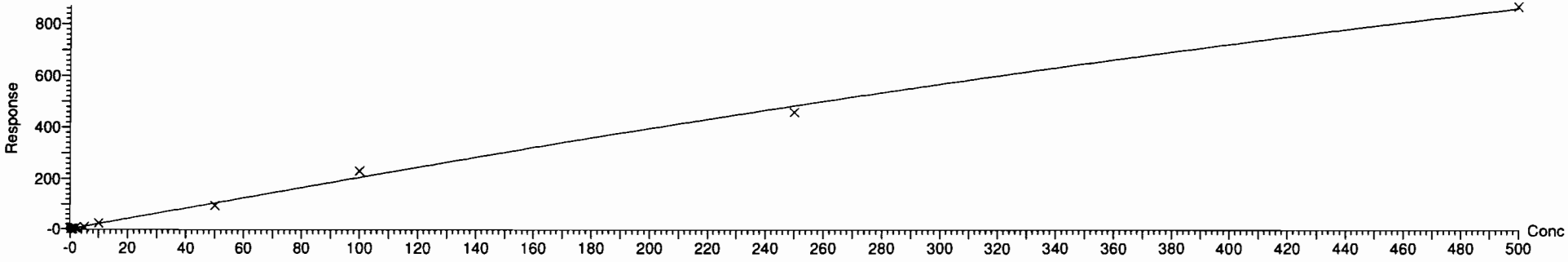
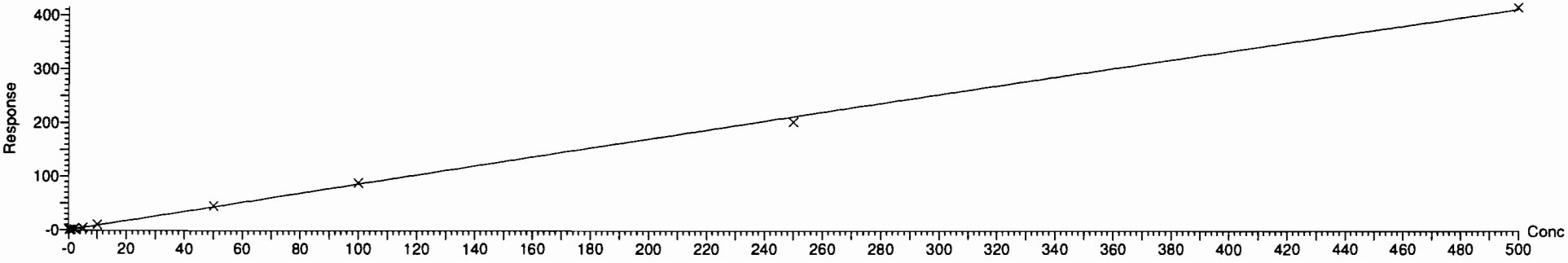
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.996105
Calibration curve: -0.000868775 * x^2 + 2.15818 * x + -0.0520294
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998876
Calibration curve: -9.9377e-005 * x^2 + 0.873093 * x + 0.0622828
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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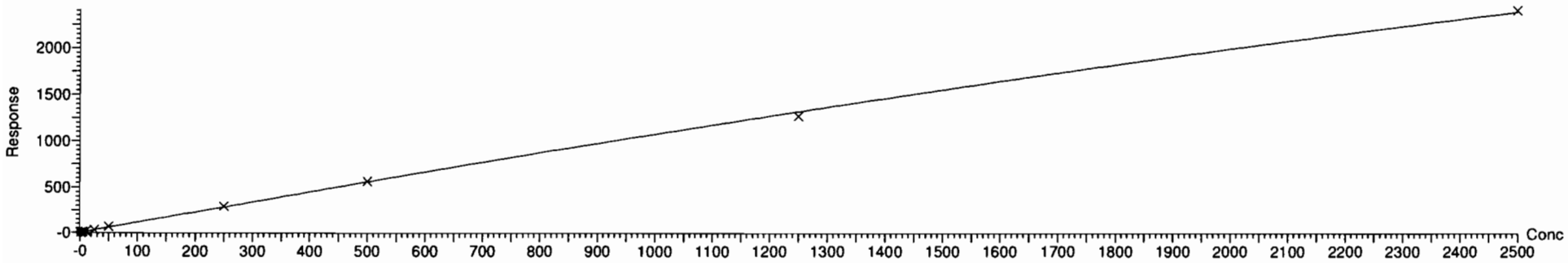
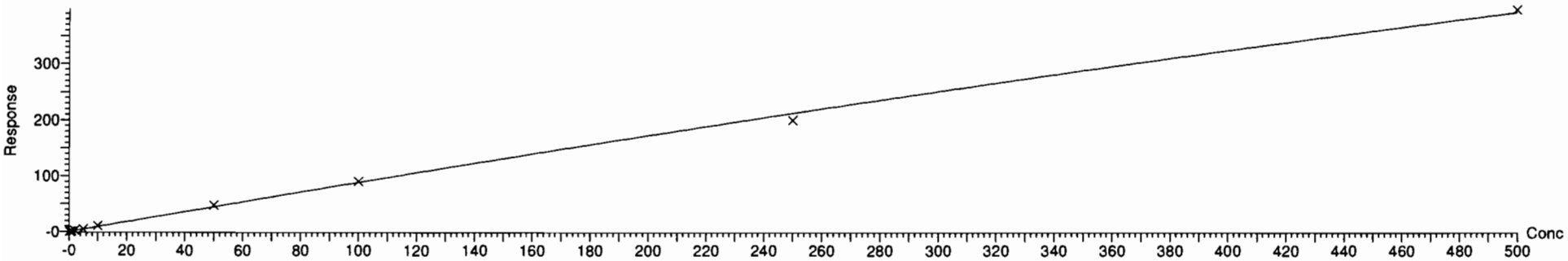
Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999062
Calibration curve: -8.21794e-005 * x^2 + 1.16071 * x + 0.340298
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998120
Calibration curve: -0.000261731 * x^2 + 0.916952 * x + 0.0831312
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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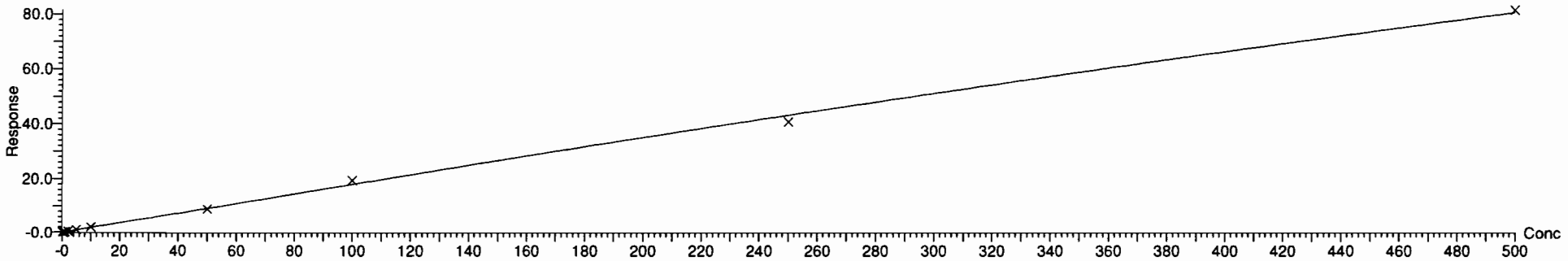
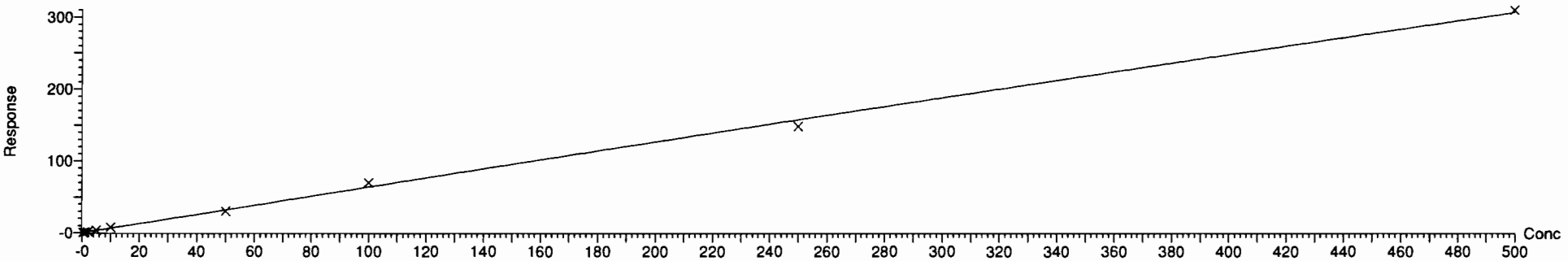
Compound name: PFDoS
Coefficient of Determination: R^2 = 0.997844
Calibration curve: -4.64202e-005 * x^2 + 0.184539 * x + 0.0150074
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.997440
Calibration curve: -7.35342e-005 * x^2 + 0.649579 * x + 0.0330544
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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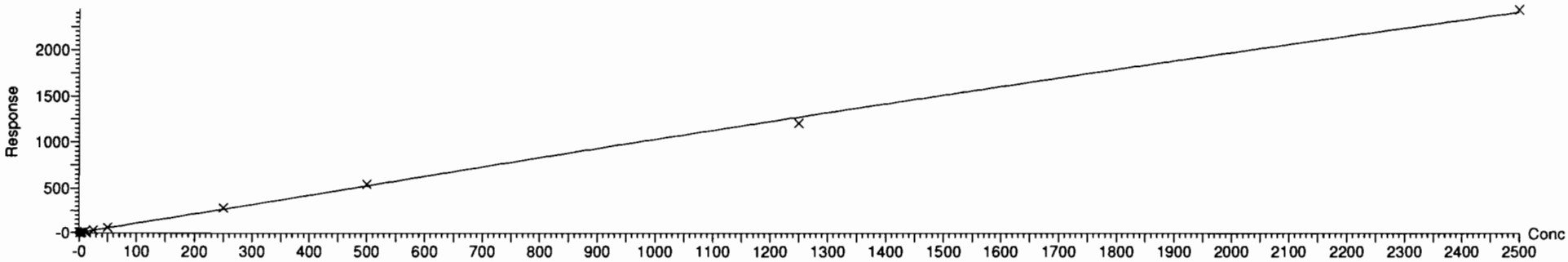
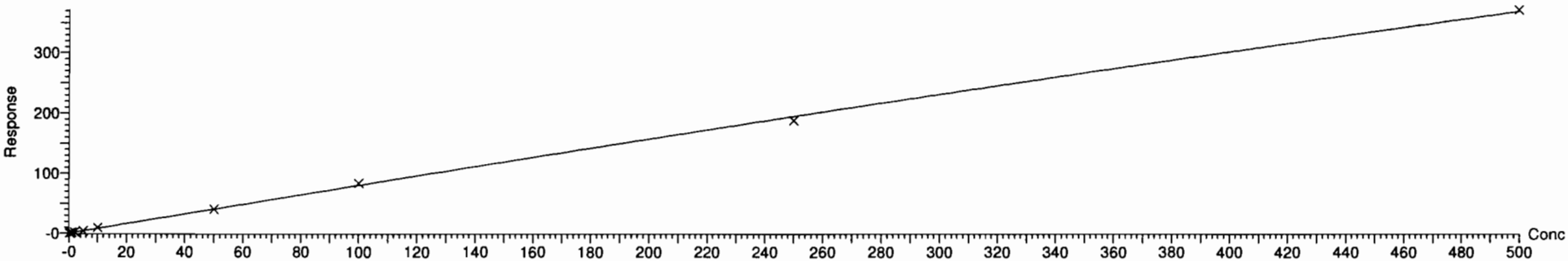
Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.998553
Calibration curve: -4.49858e-005 * x^2 + 1.07649 * x + 1.15855
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



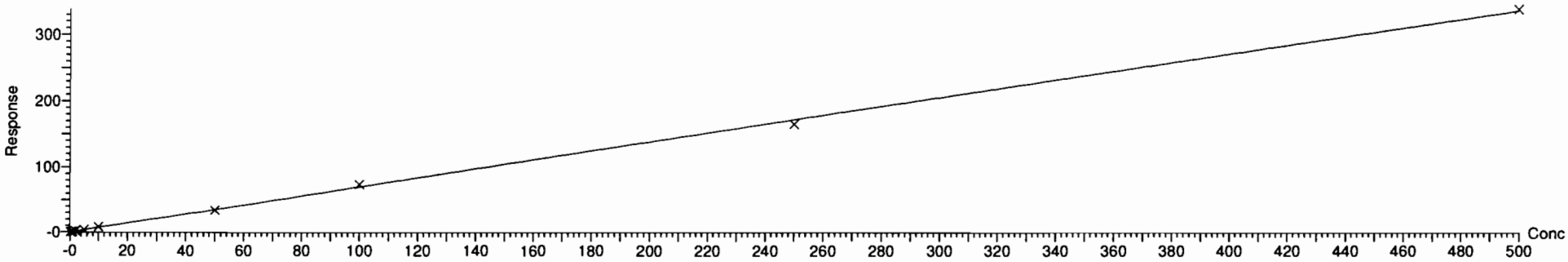
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999159
Calibration curve: -0.000162333 * x^2 + 0.819902 * x + 0.163571
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



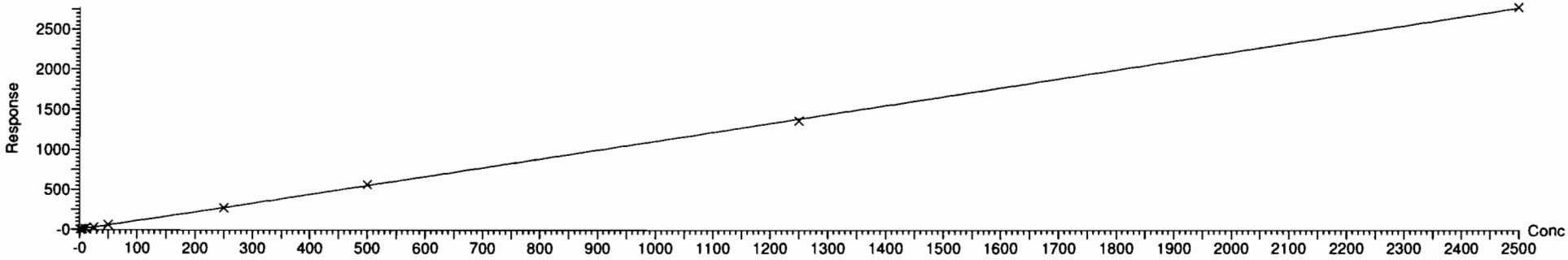
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:53:30 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.998948
Calibration curve: -6.35983e-005 * x^2 + 0.704173 * x + 0.0221673
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: N-MeFOSE
Correlation coefficient: r = 0.999909, r^2 = 0.999818
Calibration curve: 1.10747 * x + 0.292696
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

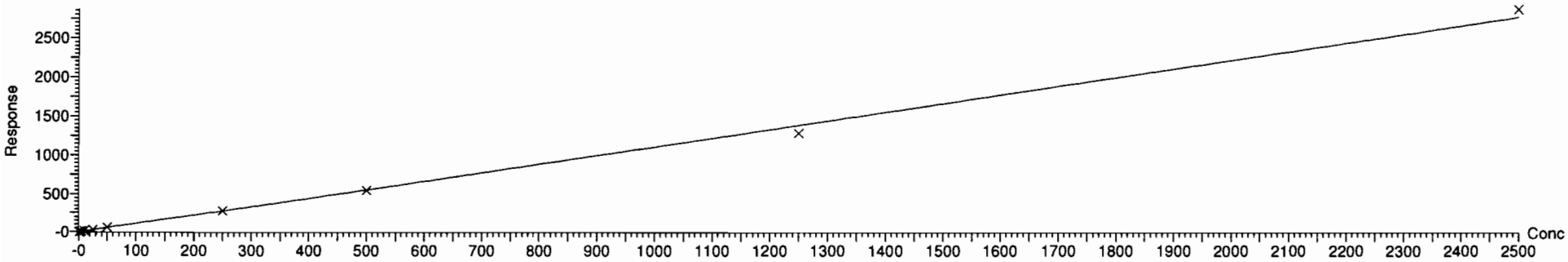


Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:46:03 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:53:30 Pacific Daylight Time

Compound name: N-EtFOSE
Correlation coefficient: r = 0.998897, r^2 = 0.997794
Calibration curve: 1.10868 * x + 0.139259
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



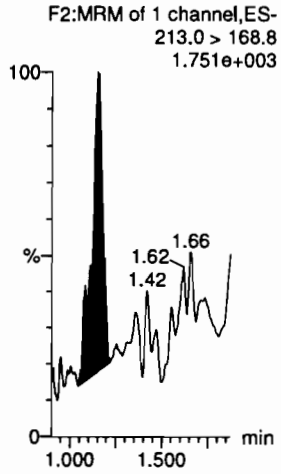
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

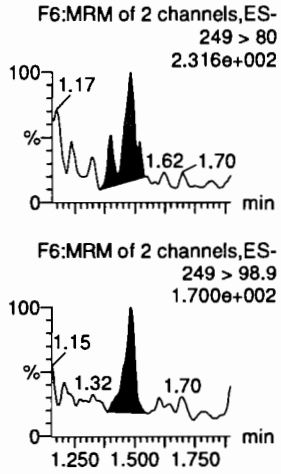
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820.mdb 09 Jun 2020 11:01:39
Calibration: 09 Jun 2020 11:01:03

Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

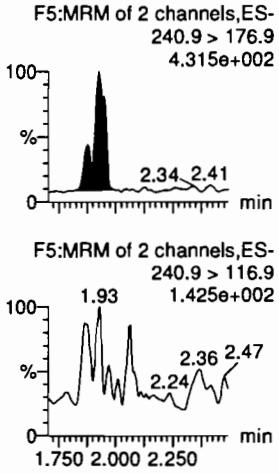
PFBA



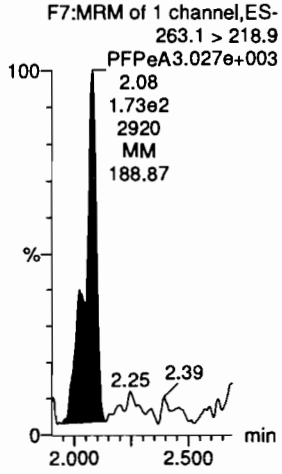
PFPrS



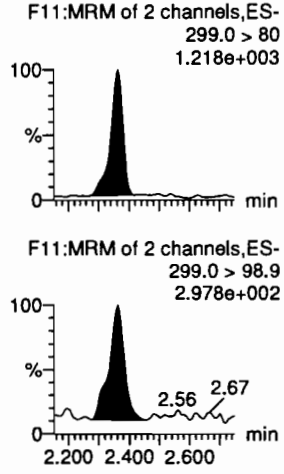
3:3 FTCA



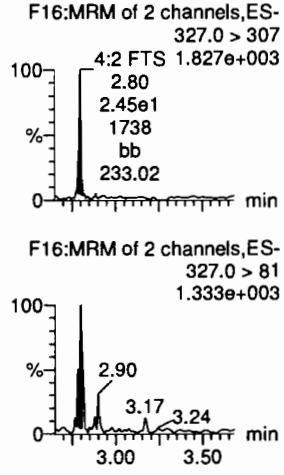
PFPeA



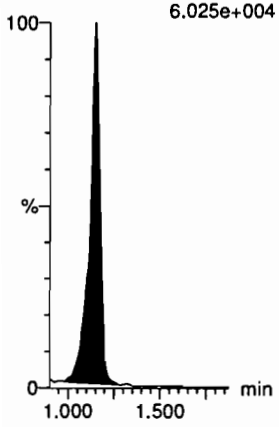
PFBS



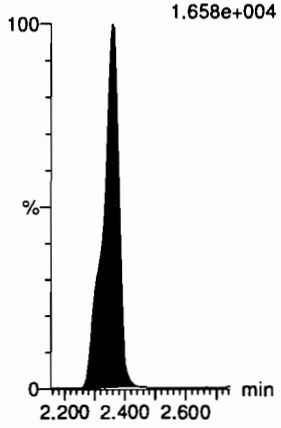
4:2 FTS



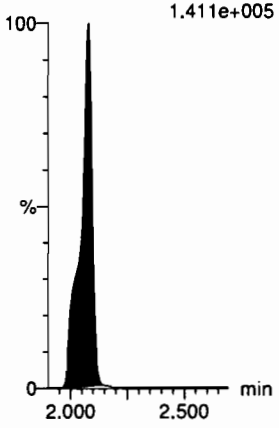
13C3-PFBA-EIS



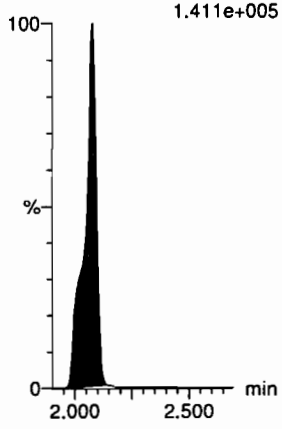
13C3-PFBS-EIS



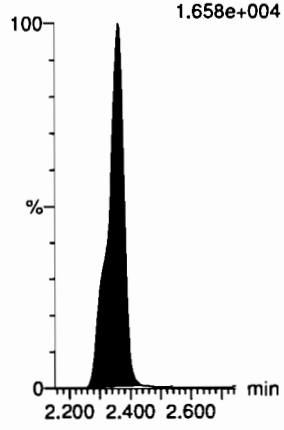
13C3-PFPeA-EIS



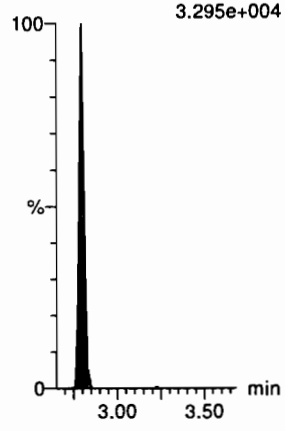
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

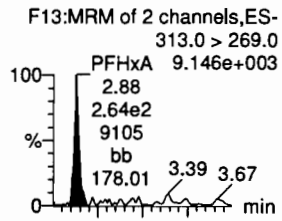


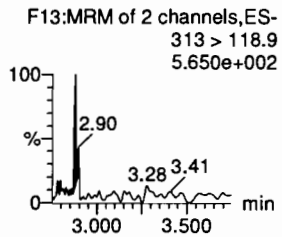
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

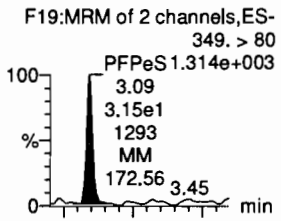
Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

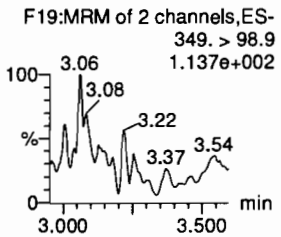
PFHxA



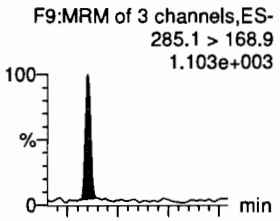


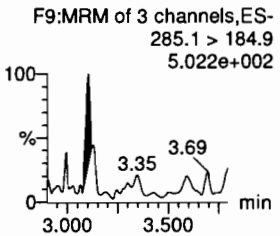
PFPeS



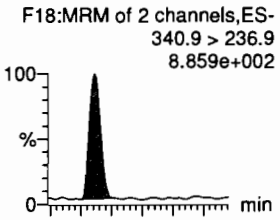


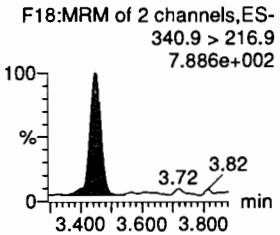
HFPO-DA



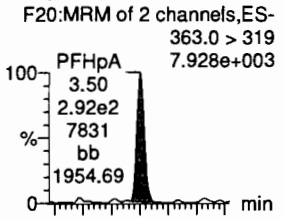


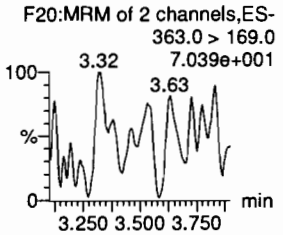
5:3 FTCA



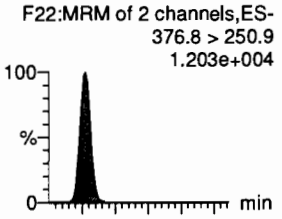


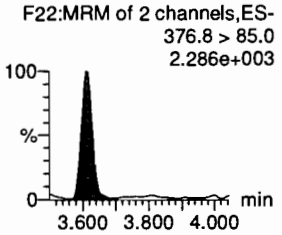
PFHpA



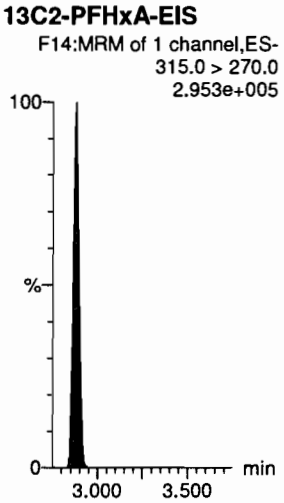


ADONA

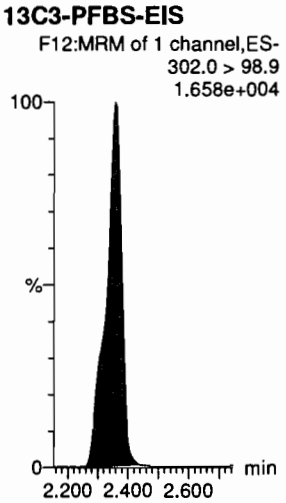




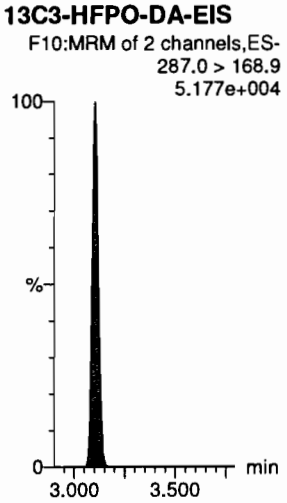
13C2-PFHxA-EIS



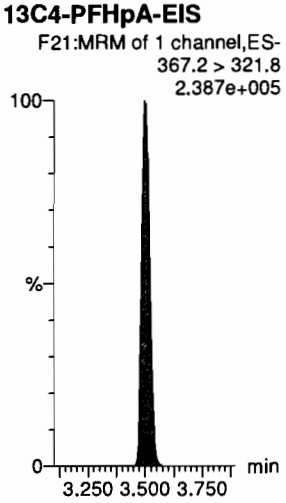
13C3-PFBS-EIS



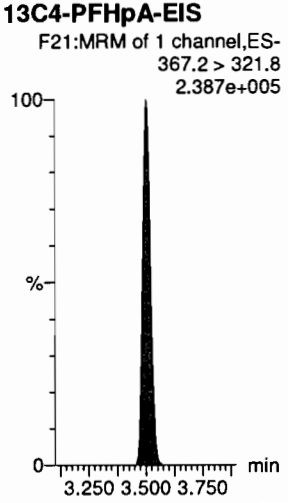
13C3-HFPO-DA-EIS



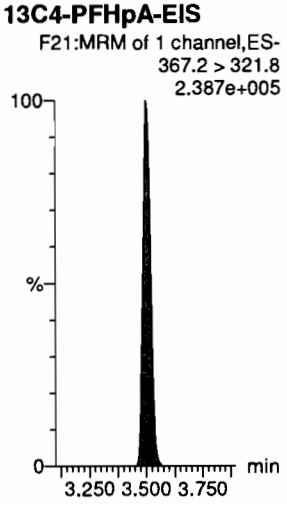
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

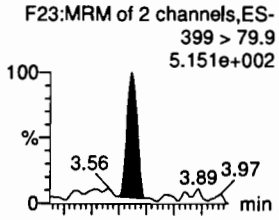


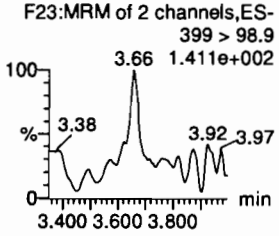
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

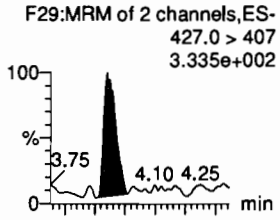
Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

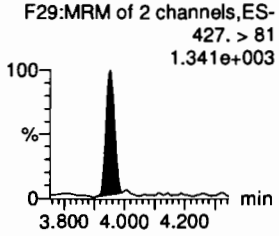
L-PFHxS



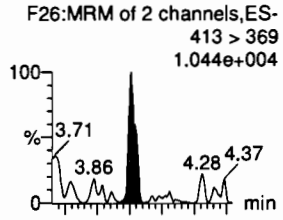


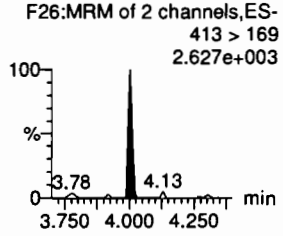
6:2 FTS



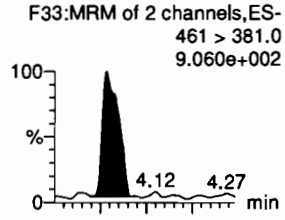


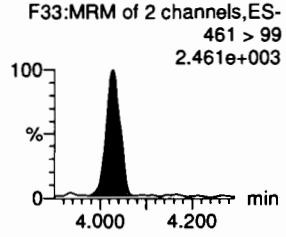
L-PFOA



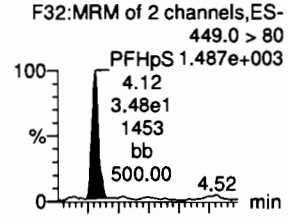


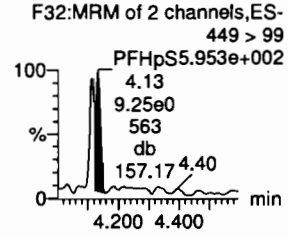
PFEChS



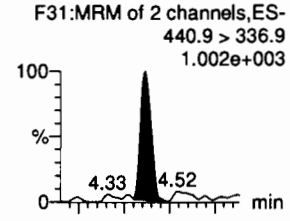


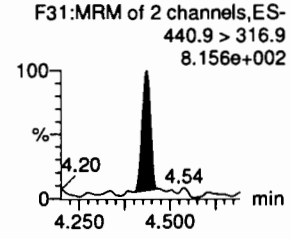
PFHpS



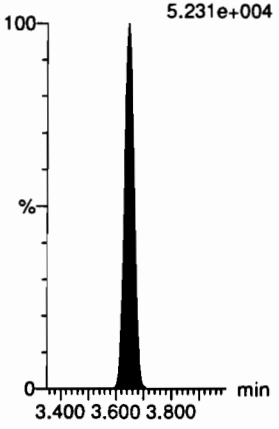


7:3 FTCA

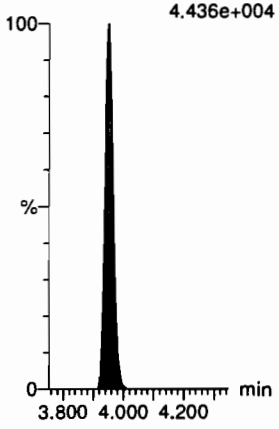




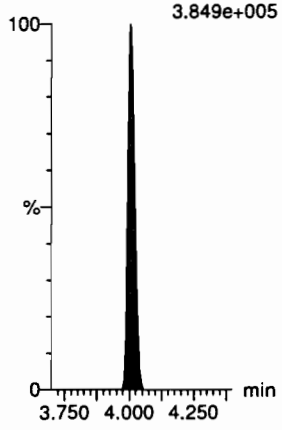
13C3-PFHxS-EIS



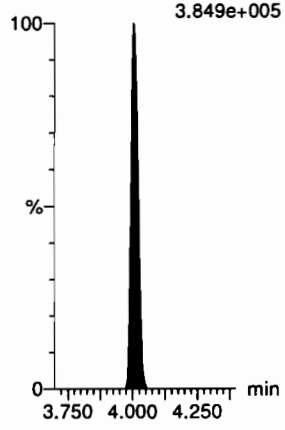
13C2-6:2 FTS-EIS



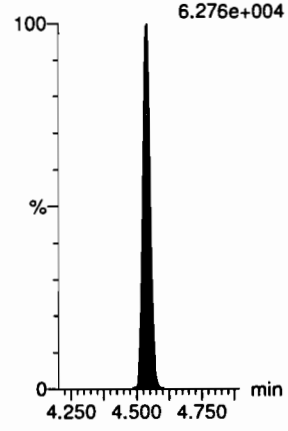
13C2-PFOA-EIS



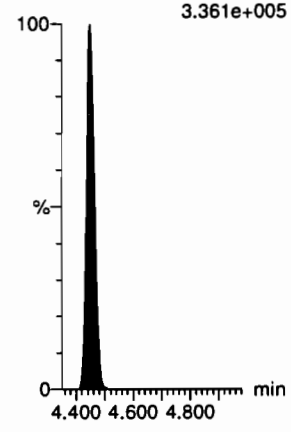
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

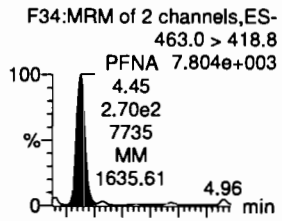


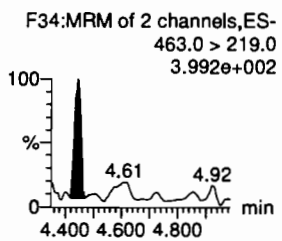
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

PFNA





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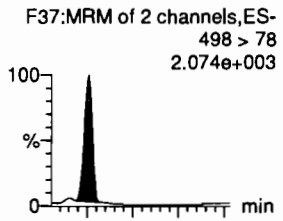

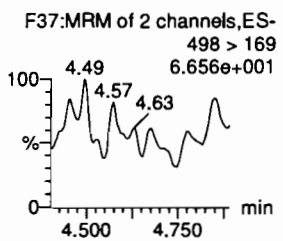

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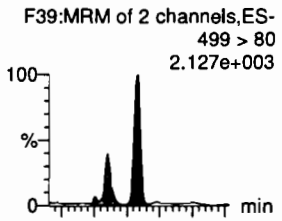

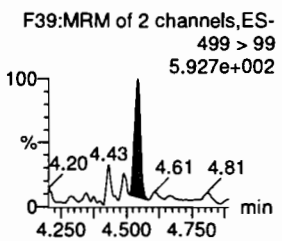

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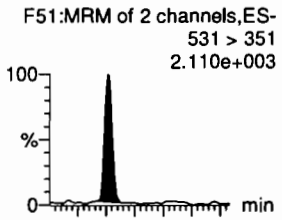

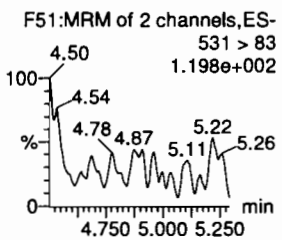

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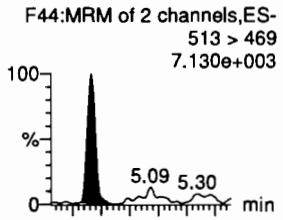
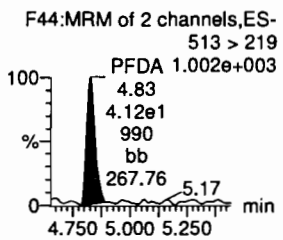
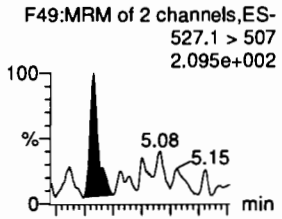
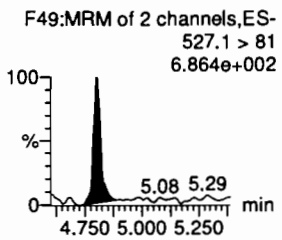




8:2 FTS





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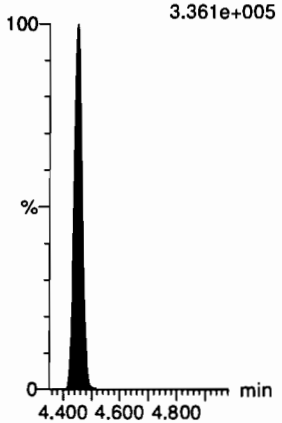
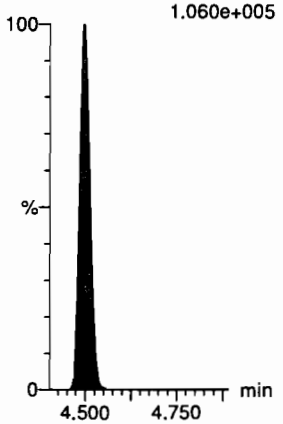
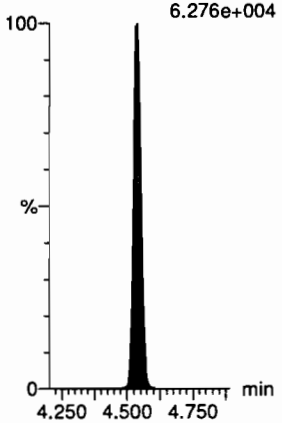


13C8-PFOSA-EIS



13C8-PFOS-EIS

13C8-PFOS-EIS



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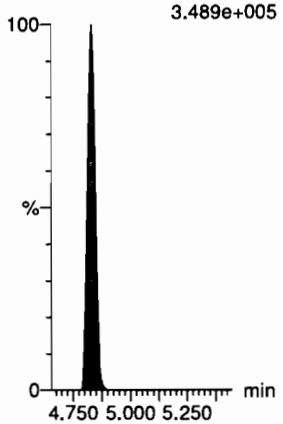

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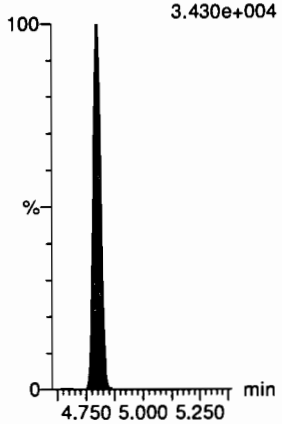

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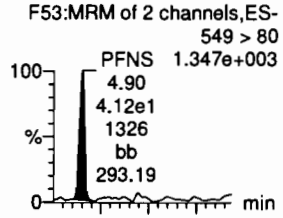
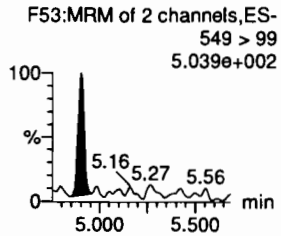
Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

PFNS





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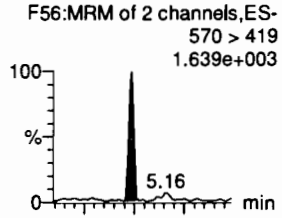

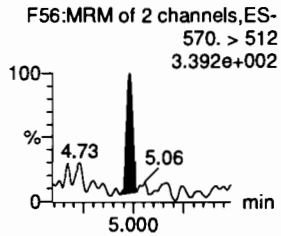

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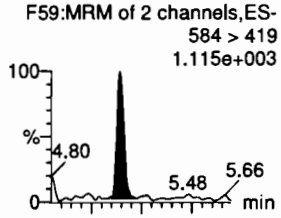

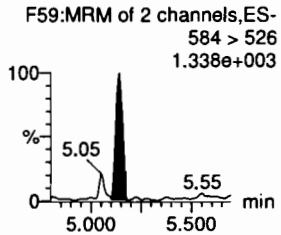

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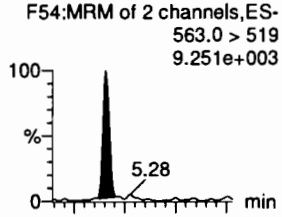

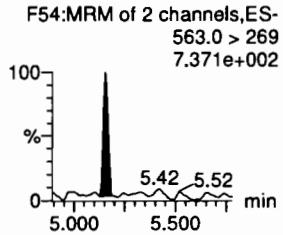

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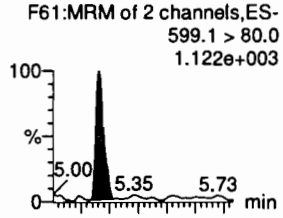

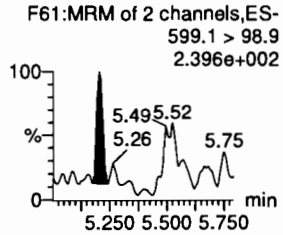

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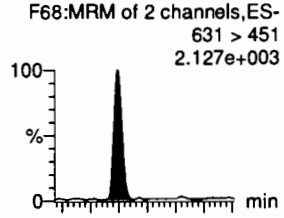
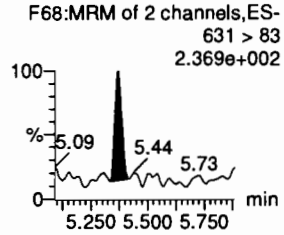
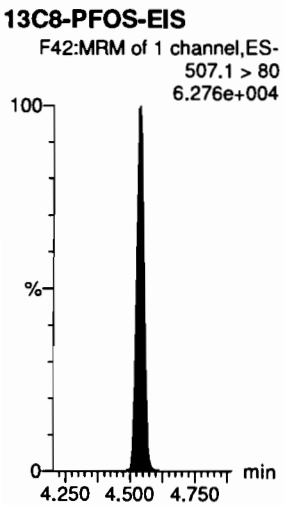
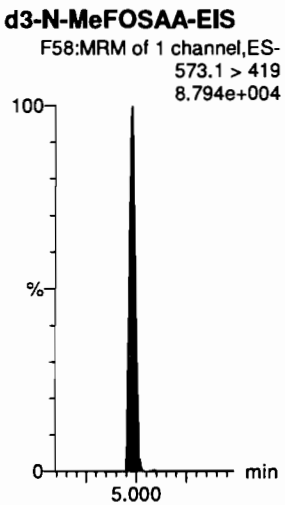




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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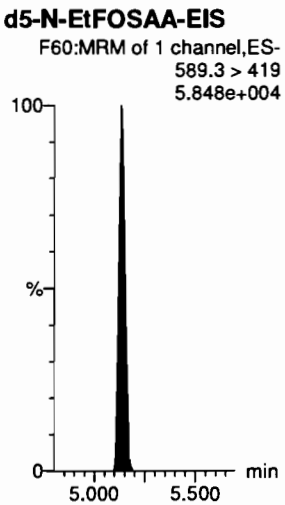

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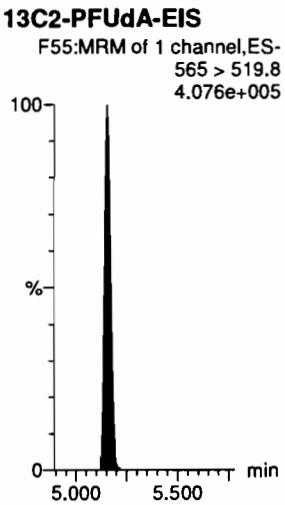

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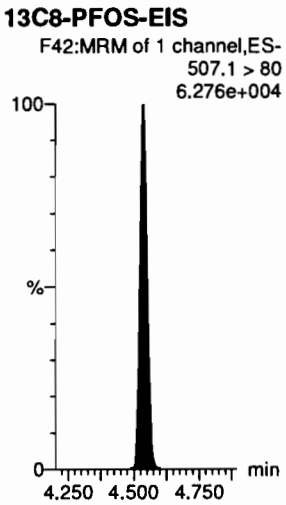

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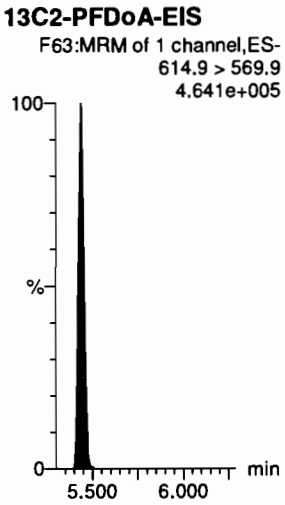

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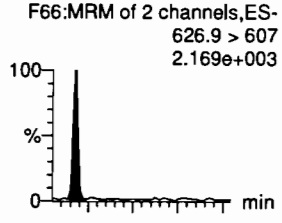
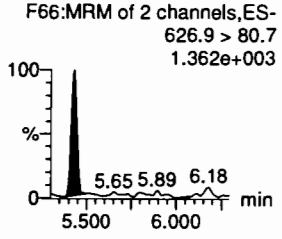
Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

10:2 FTS





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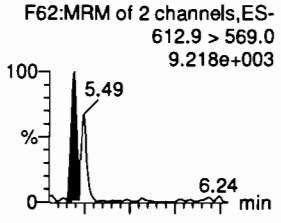

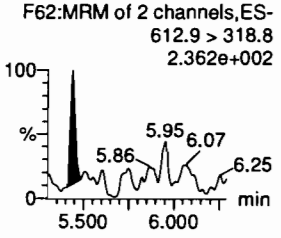

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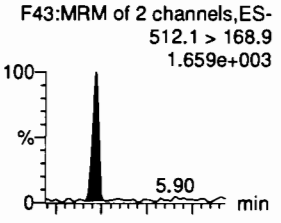

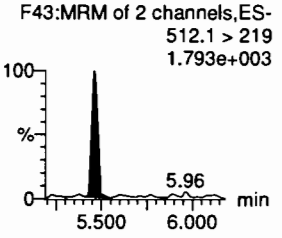

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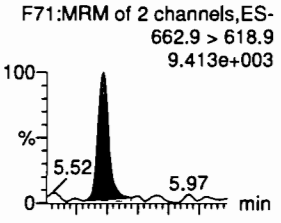

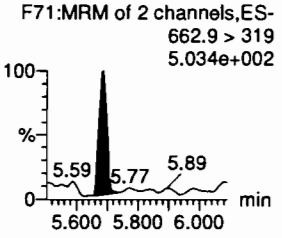

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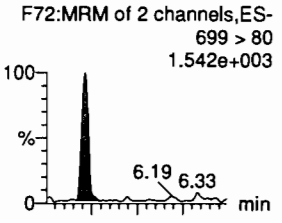

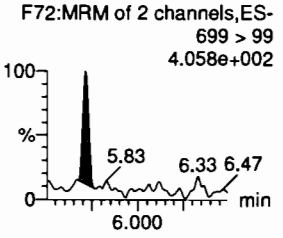

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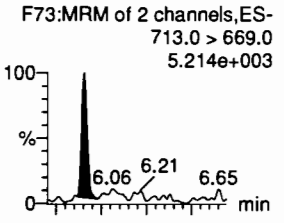

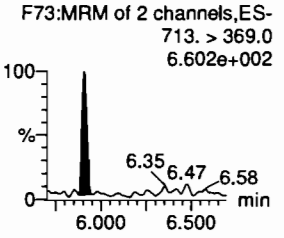

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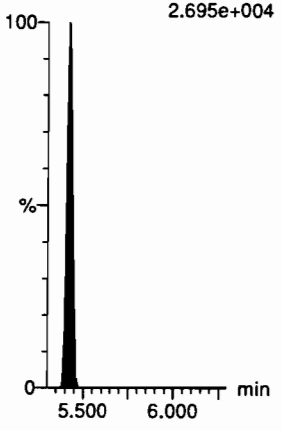

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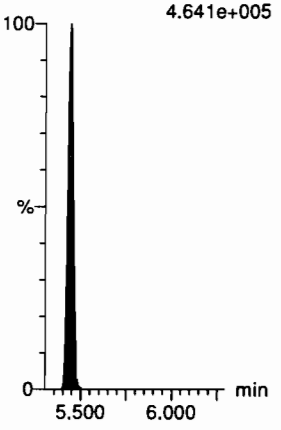
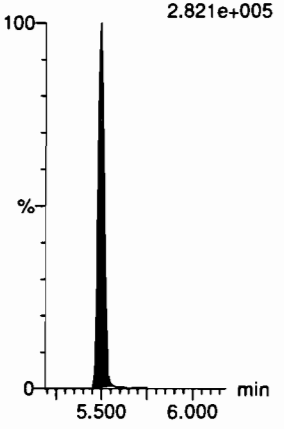
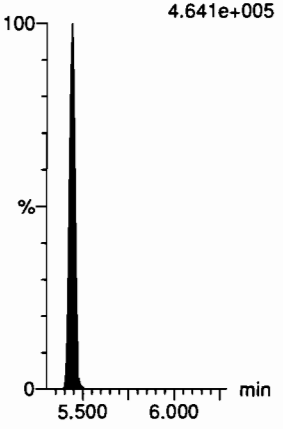


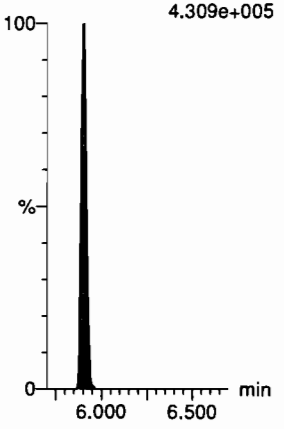
d3-N-MeFOSA-EIS



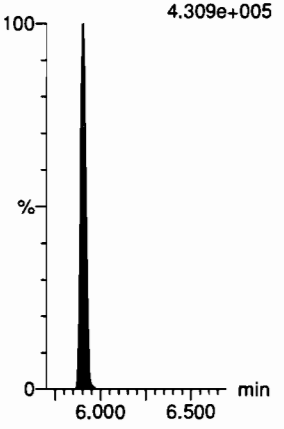
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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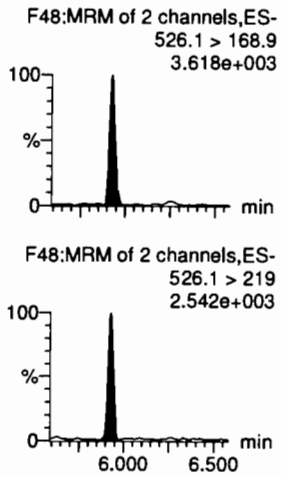
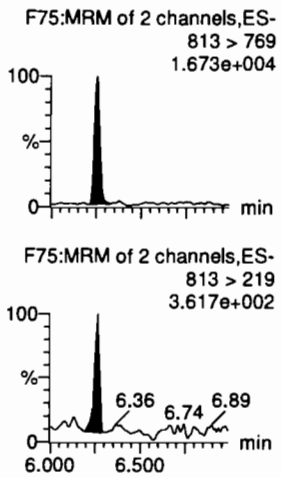
Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

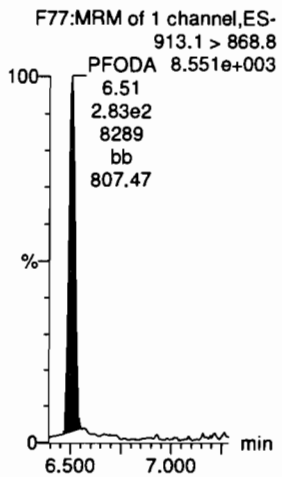
N-EtFOSA



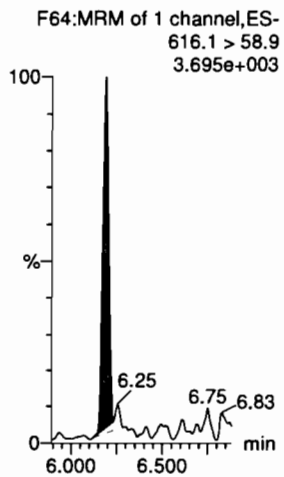
PFHxDA



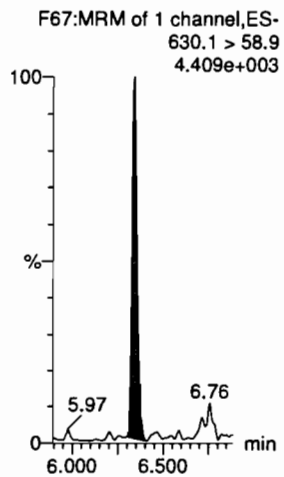
PFODA



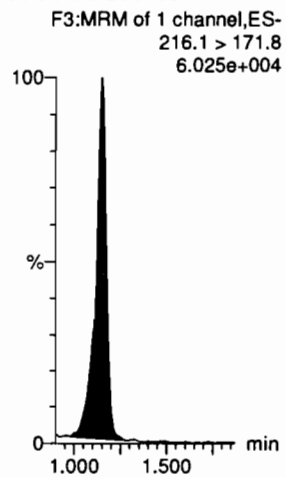
N-MeFOSE



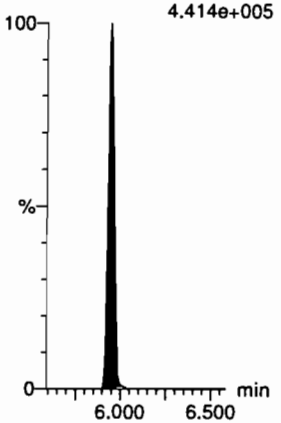
N-EtFOSE



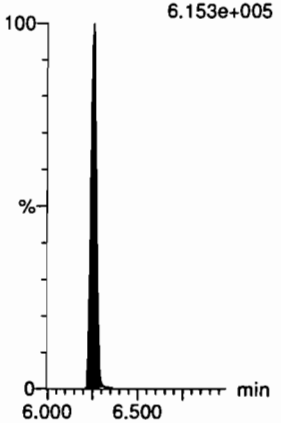
13C3-PFBA-RSD



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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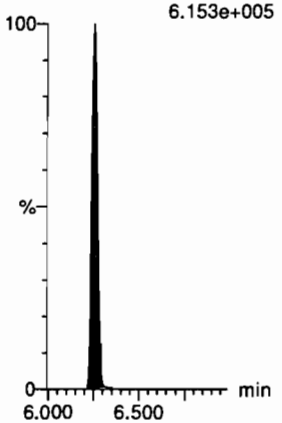
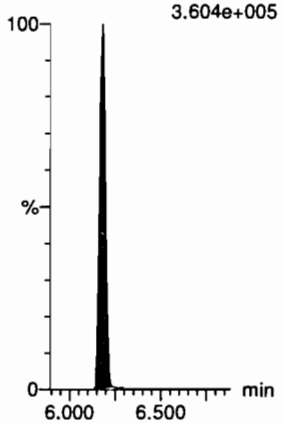
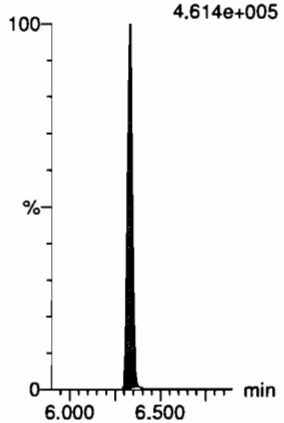


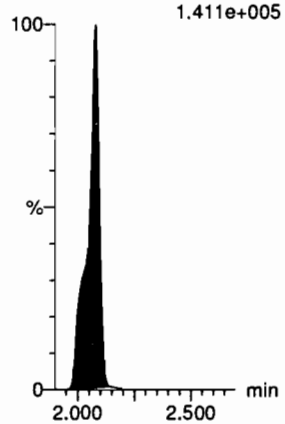
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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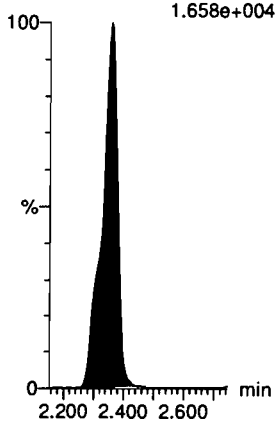
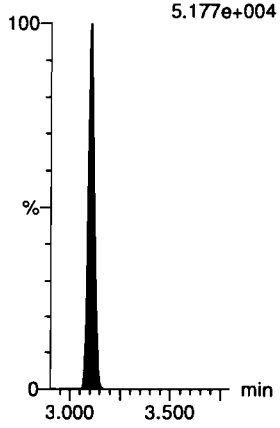
Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

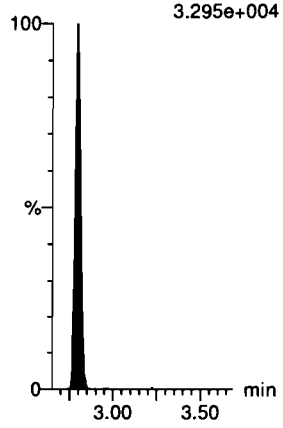
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.658e+004



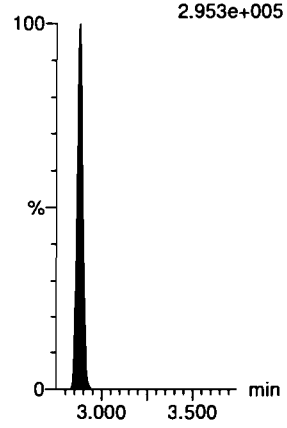
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.177e+004



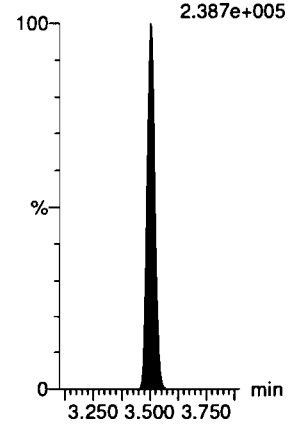
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.295e+004



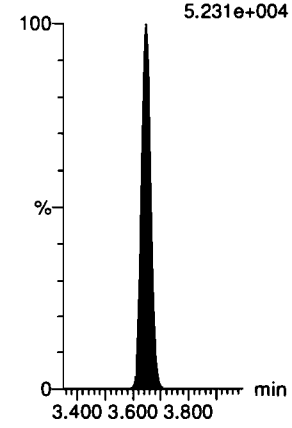
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.953e+005



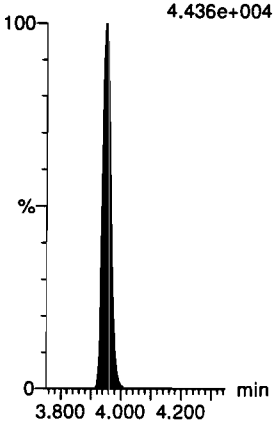
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.387e+005



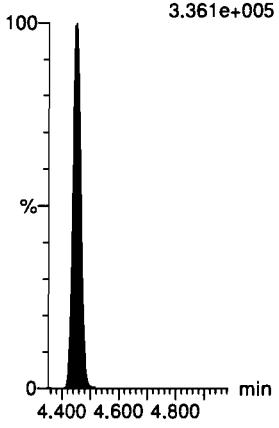
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.231e+004



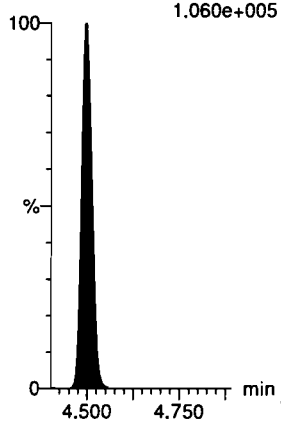
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.436e+004



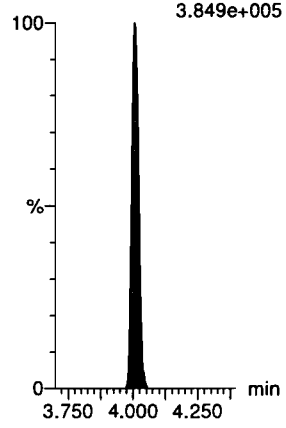
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.361e+005



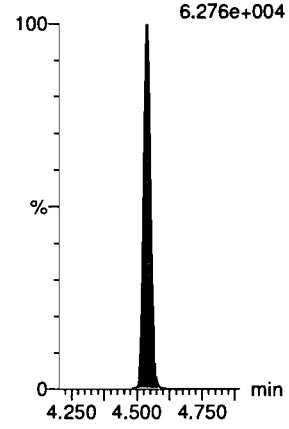
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.060e+005



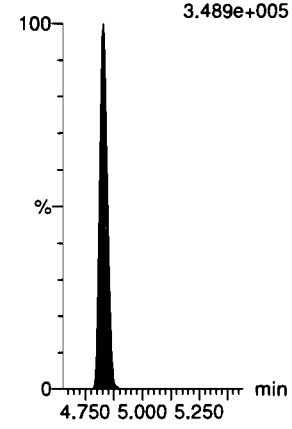
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.849e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.276e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.489e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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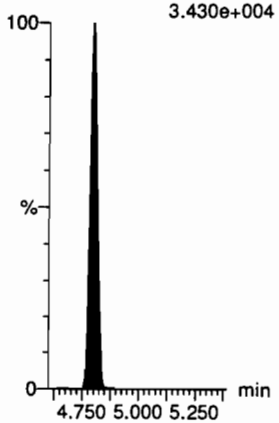
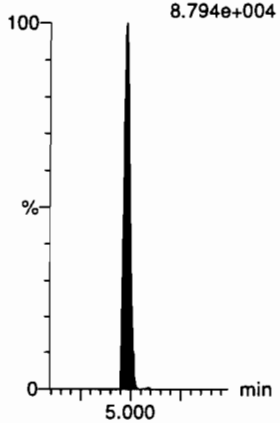
Name: 200608P1-5, Date: 08-Jun-2020, Time: 17:57:50, ID: ST200608P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

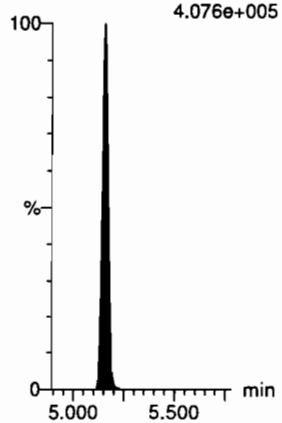
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.430e+004



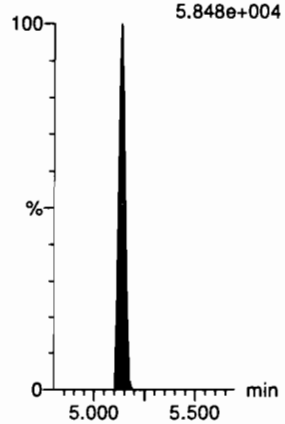
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
8.794e+004



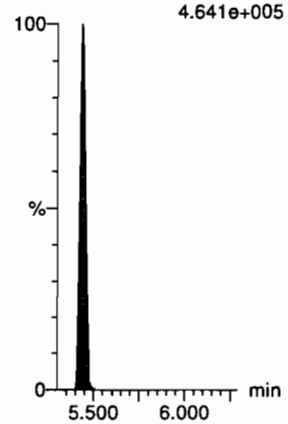
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.076e+005



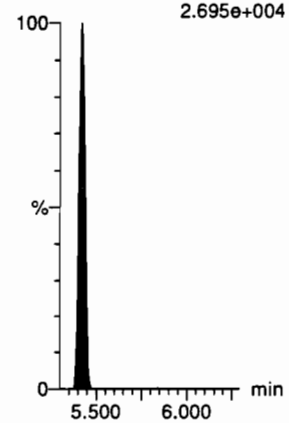
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.848e+004



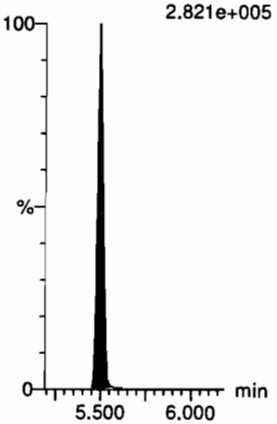
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.641e+005



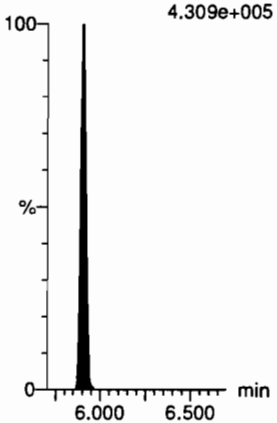
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.695e+004



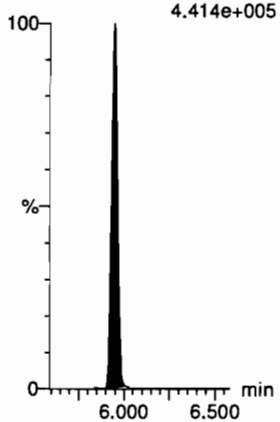
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.821e+005



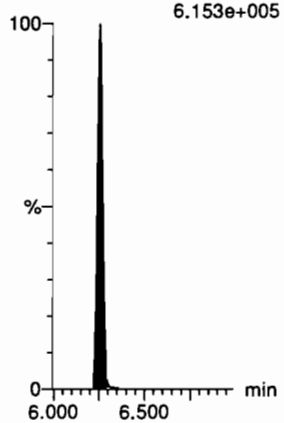
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.309e+005



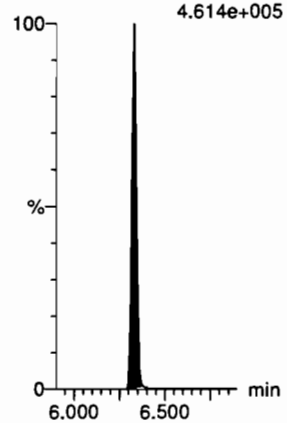
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.414e+005



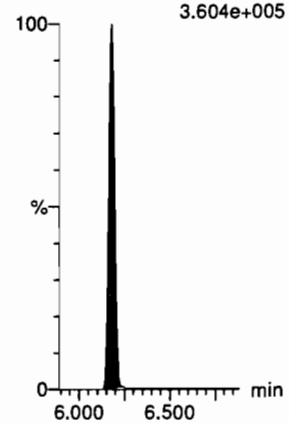
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.153e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.614e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.604e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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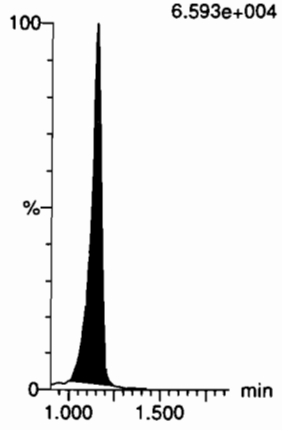
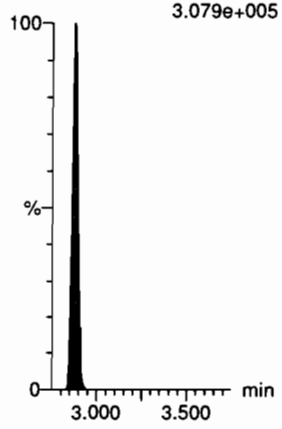
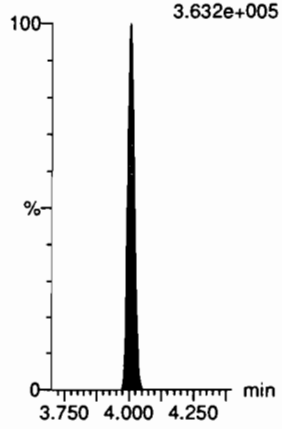
13C4-PFBA



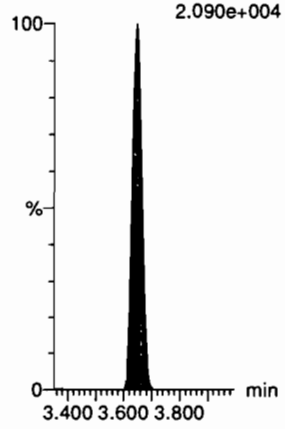
13C5-PFHxA



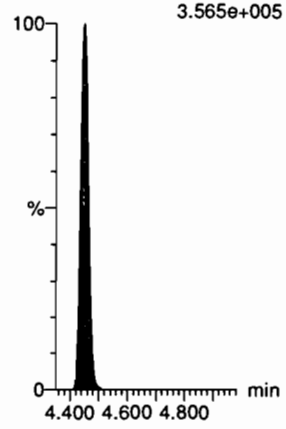
13C8-PFOA



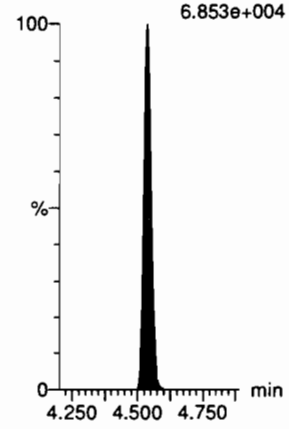
18O2-PFHxS



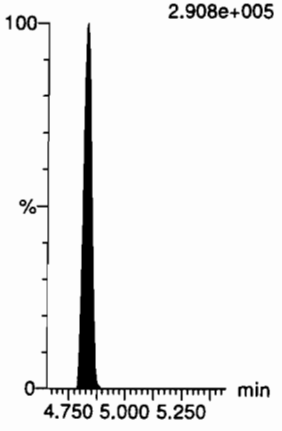
13C9-PFNA



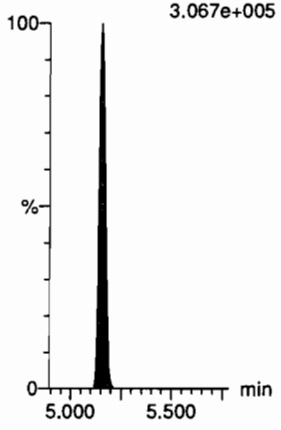
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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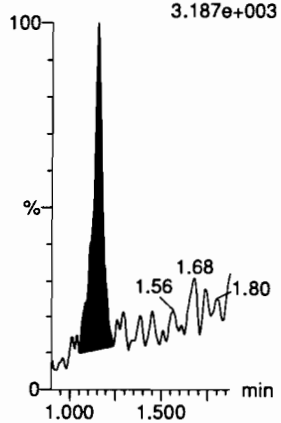
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

PFBA



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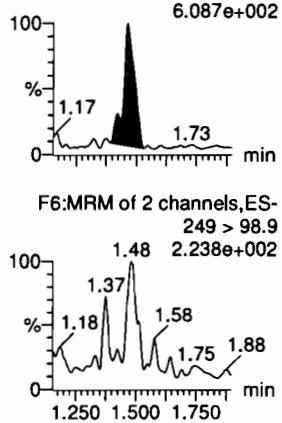
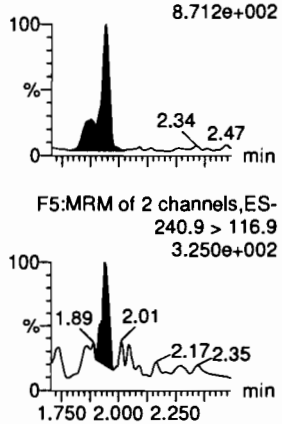


3:3 FTCA



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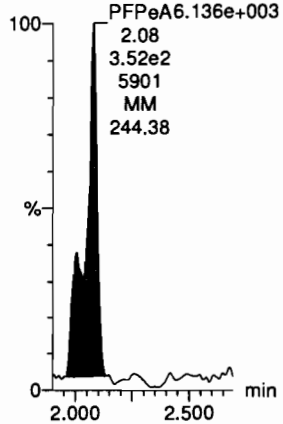

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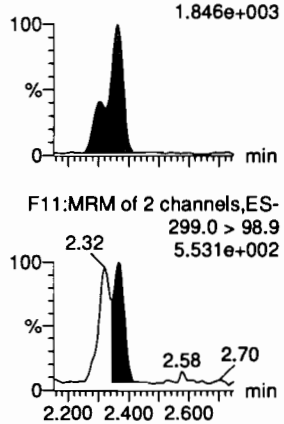
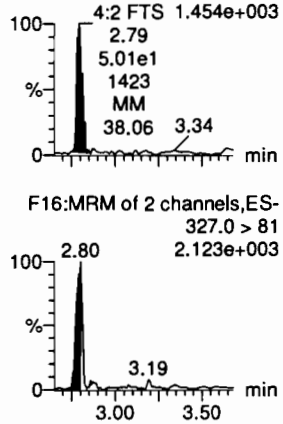
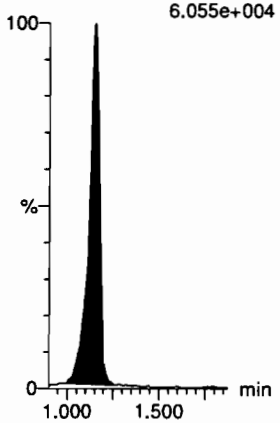


4:2 FTS



13C3-PFBA-EIS



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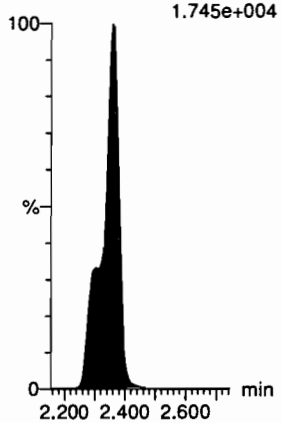

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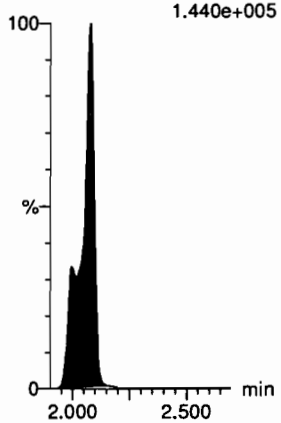

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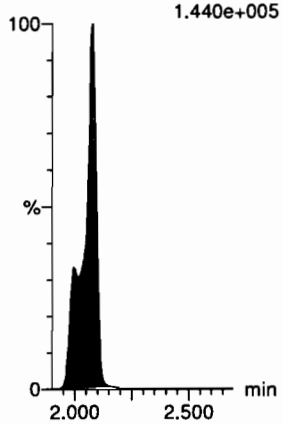

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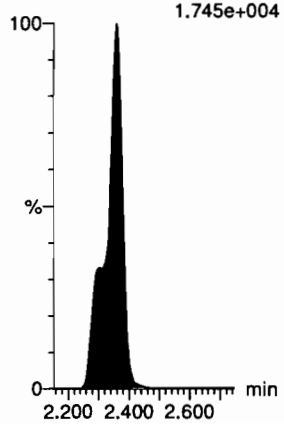
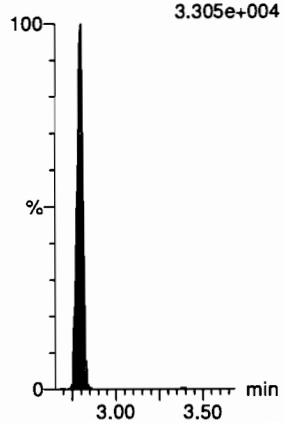


13C2-4:2 FTS-EIS



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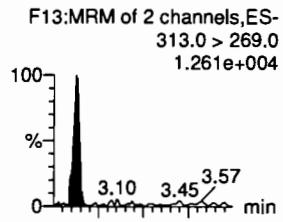
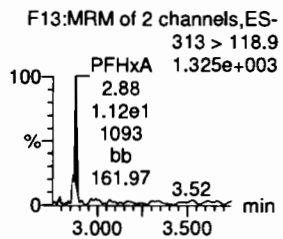
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

PFHxA





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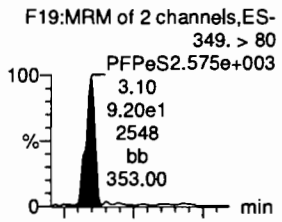
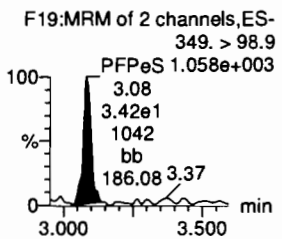
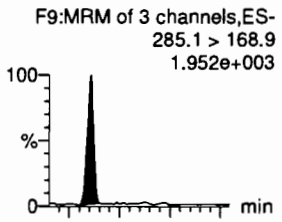
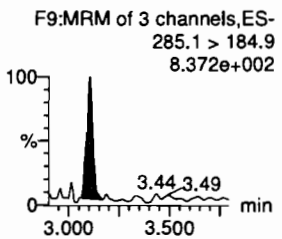


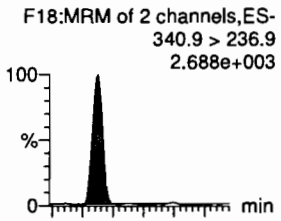


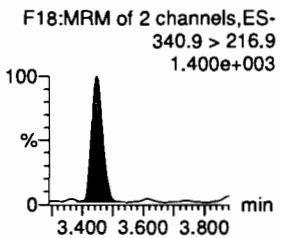
HFPO-DA



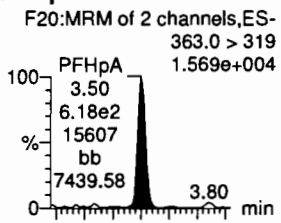


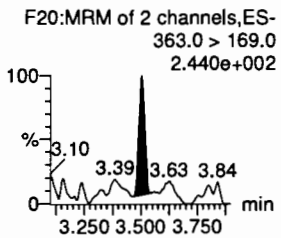
5:3 FTCA





PFHpA





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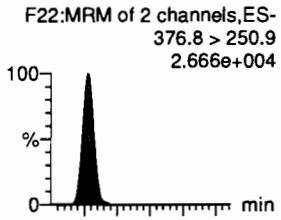
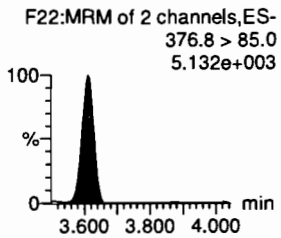
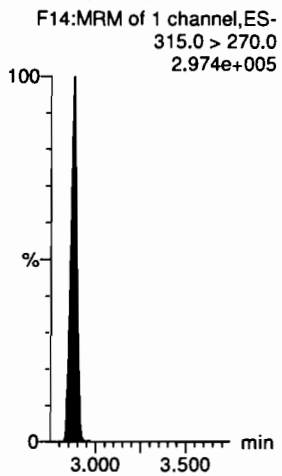
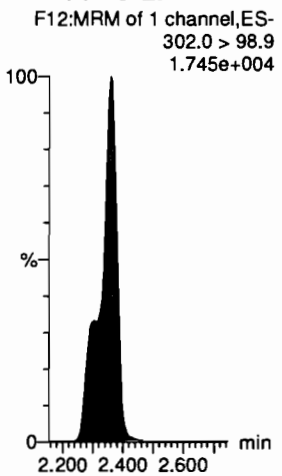




13C2-PFHxA-EIS



13C3-PFBS-EIS



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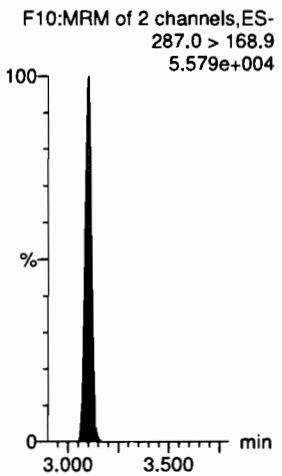

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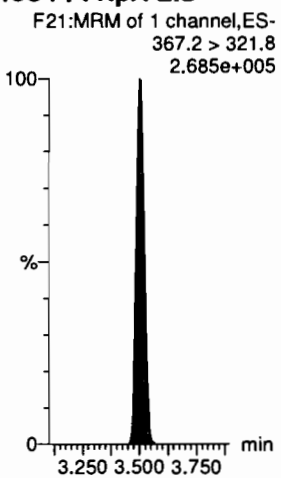

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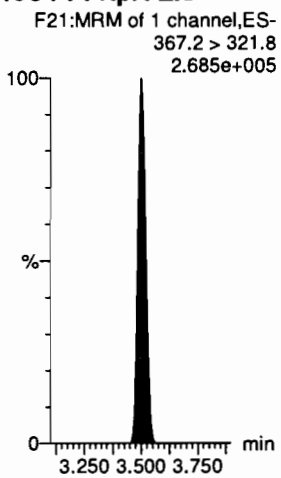

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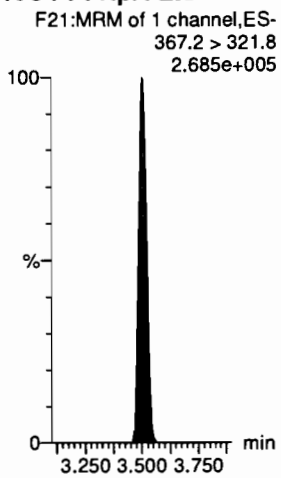

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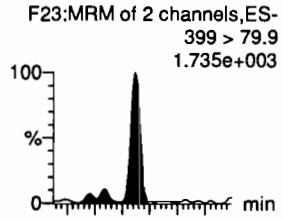
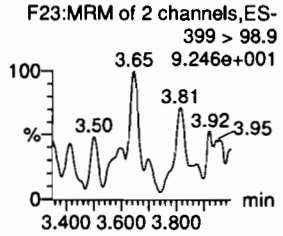
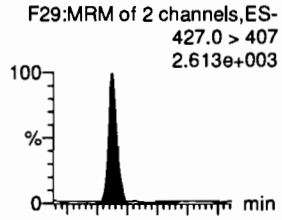
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

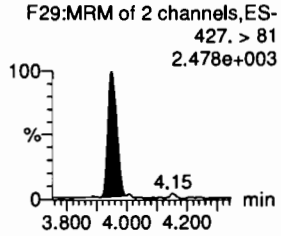
L-PFHxS



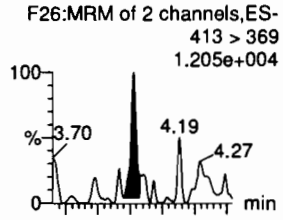


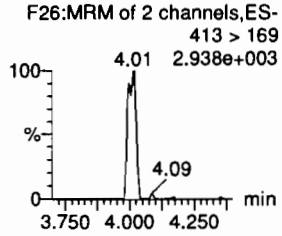
6:2 FTS





L-PFOA





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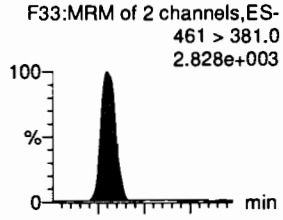
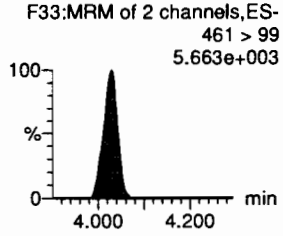
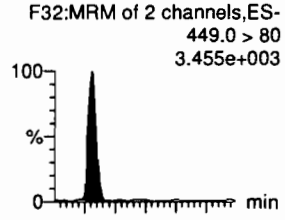
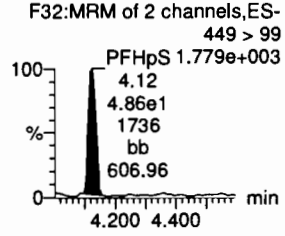


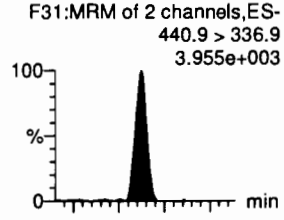


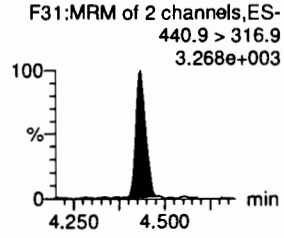
PFHpS



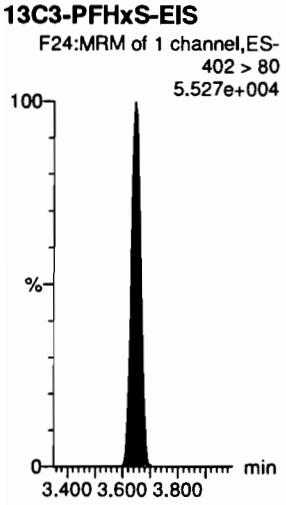


7:3 FTCA

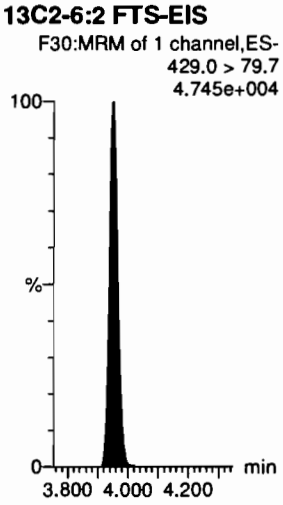




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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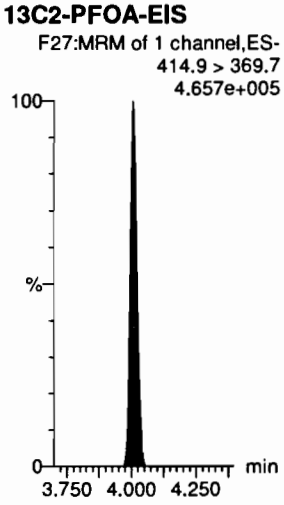

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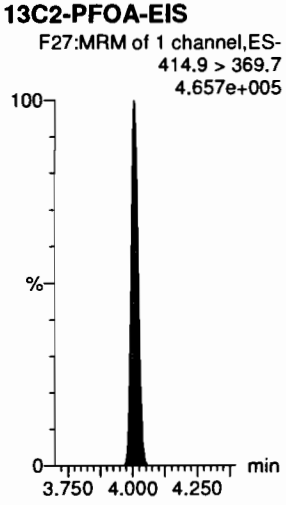
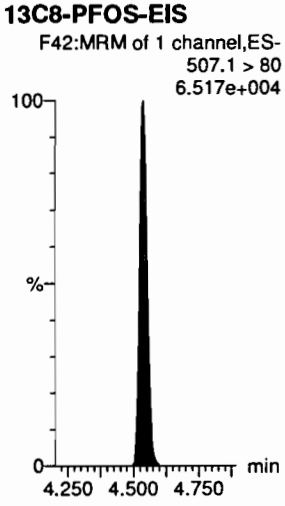
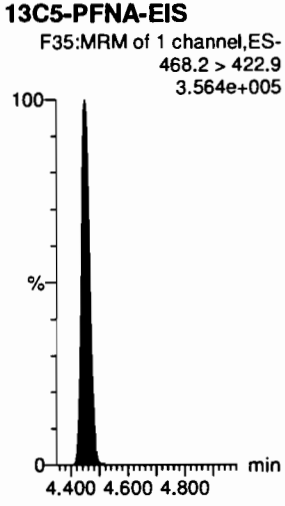


13C8-PFOS-EIS



13C5-PFNA-EIS



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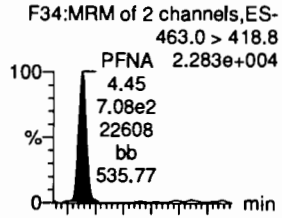
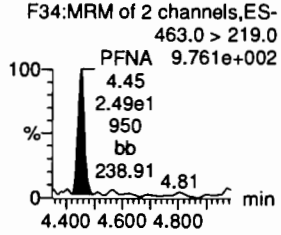
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

PFNA





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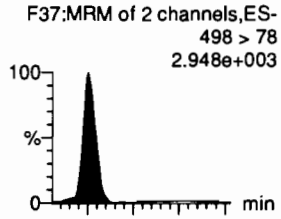

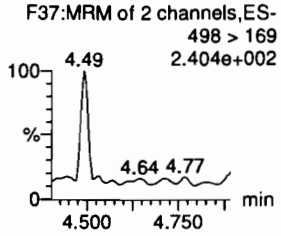

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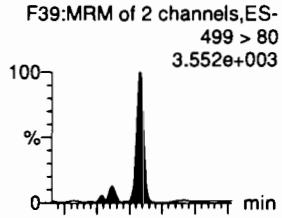
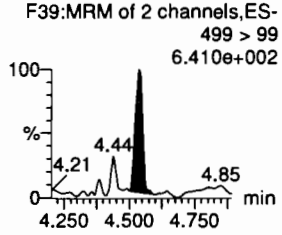
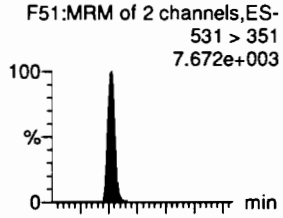
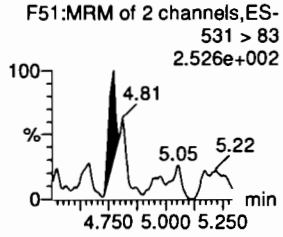




9Cl-PF30NS





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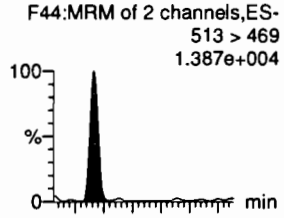
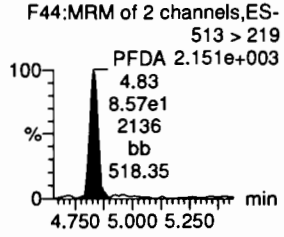
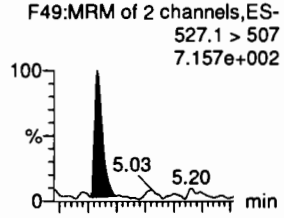
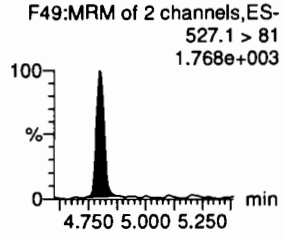


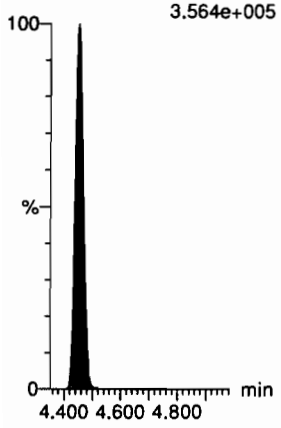


8:2 FTS

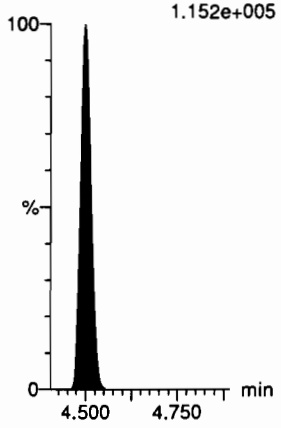




13C5-PFNA-EIS



13C8-PFOSA-EIS



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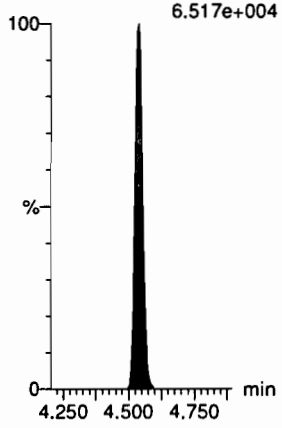

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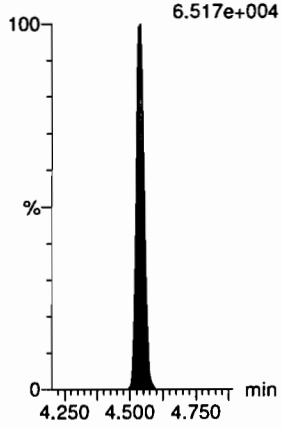

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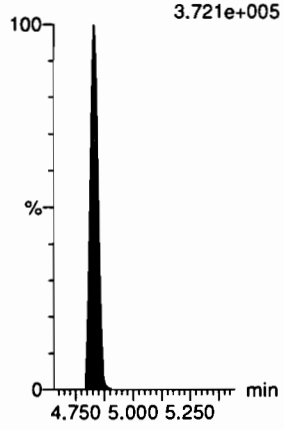
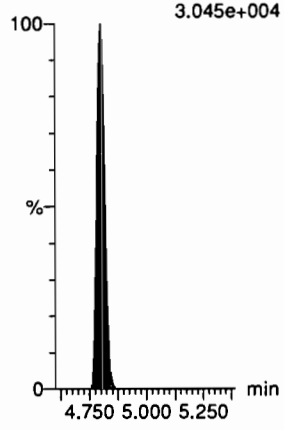


13C2-8:2 FTS-EIS



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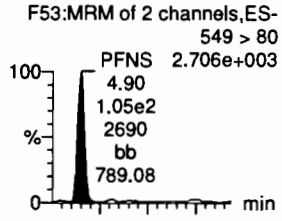
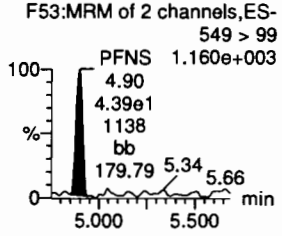
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

PFNS





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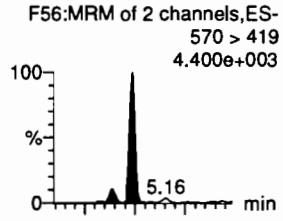

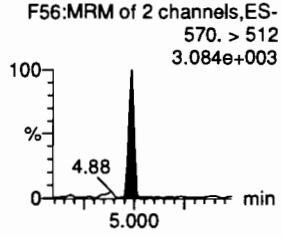

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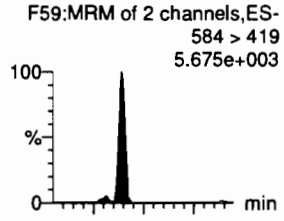
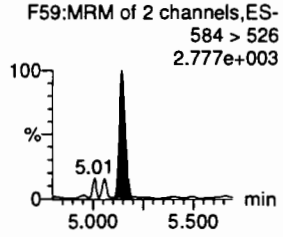
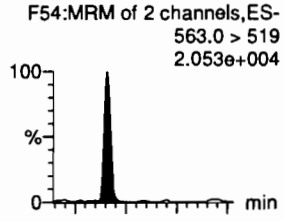
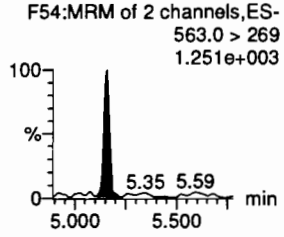




PFUdA





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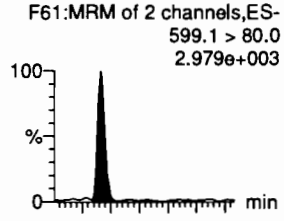

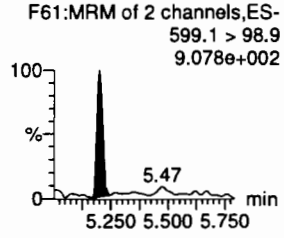

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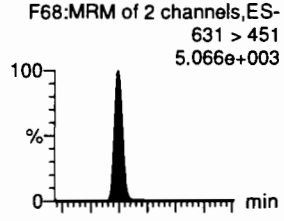
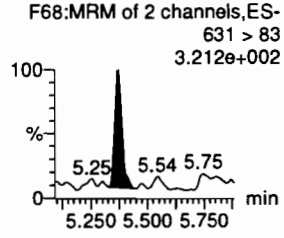
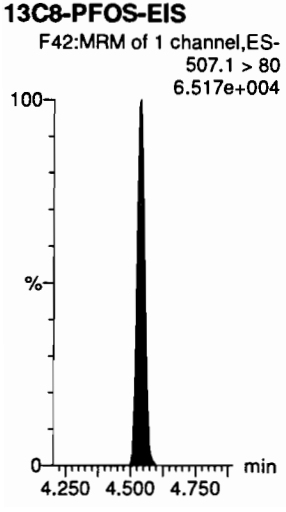
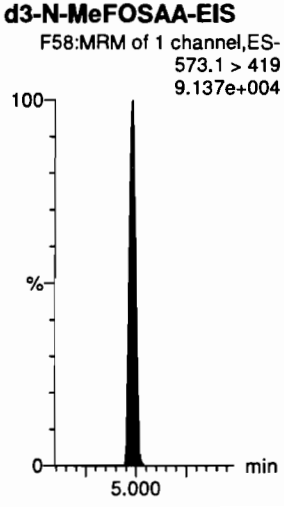




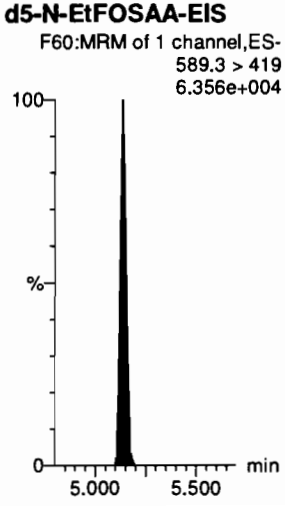
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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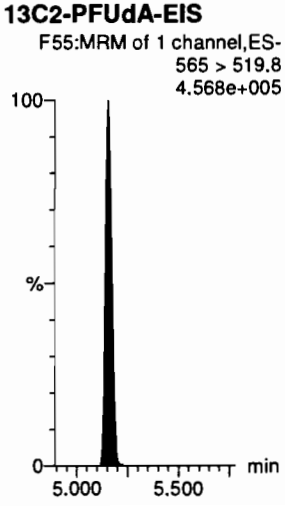
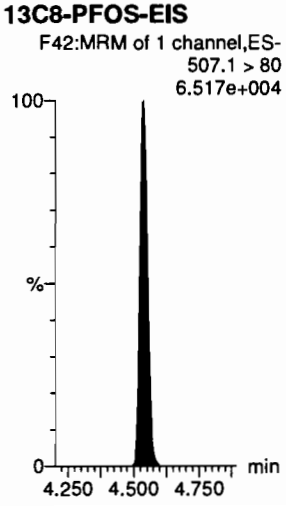


13C8-PFOS-EIS



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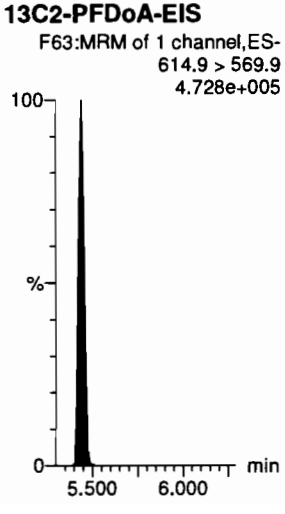

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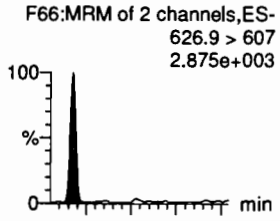
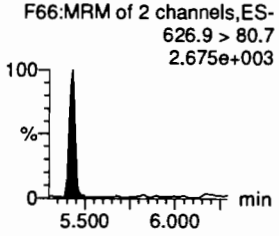
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

10:2 FTS





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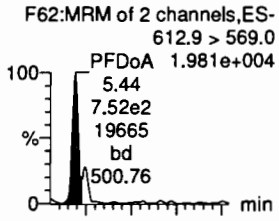
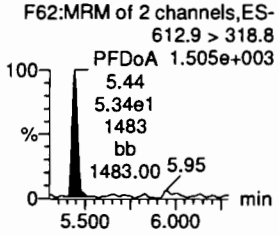
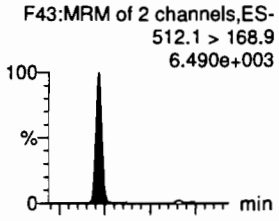
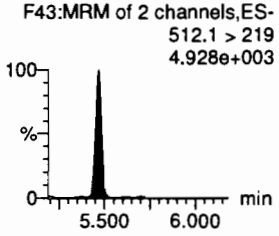




N-MeFOSA





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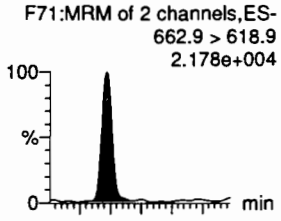
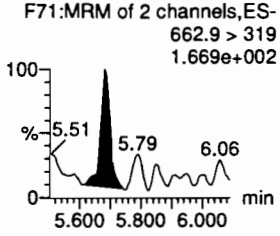
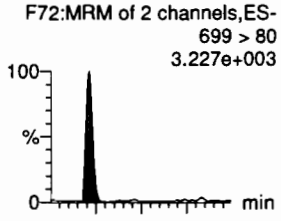
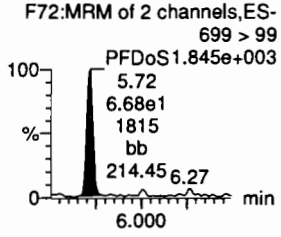




PFDoS





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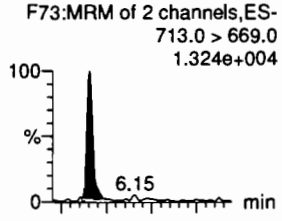

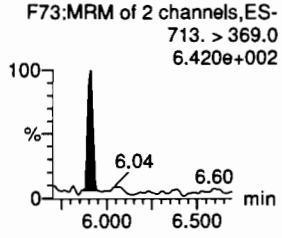

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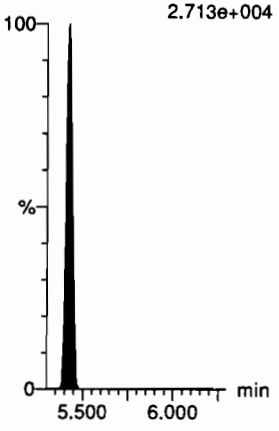
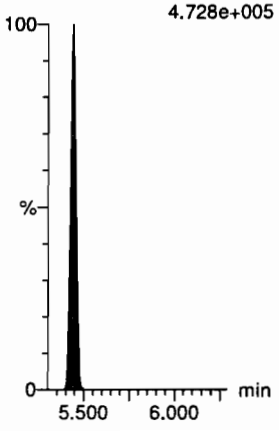
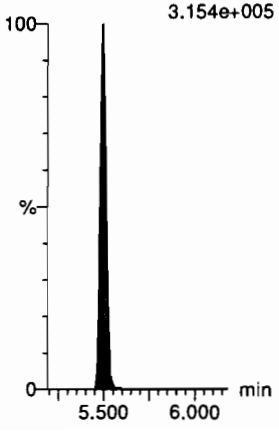


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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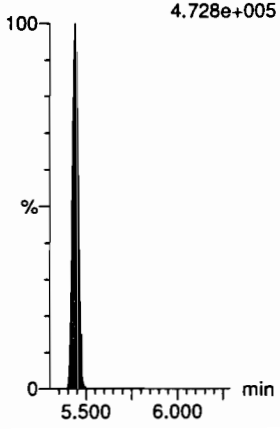

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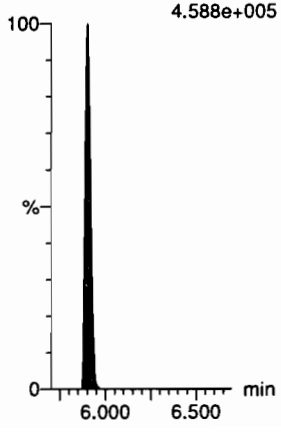

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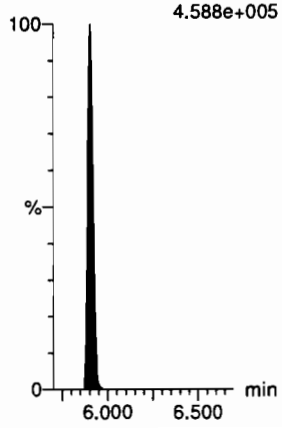

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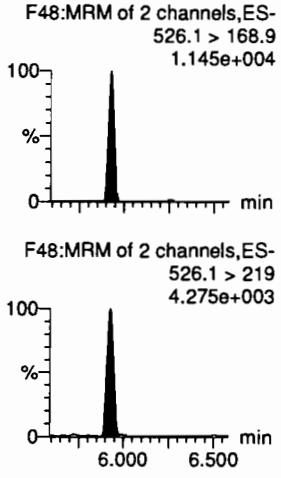
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

N-EtFOSA



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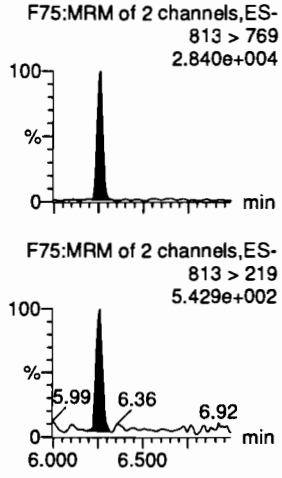
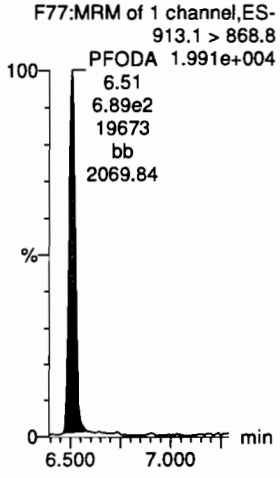
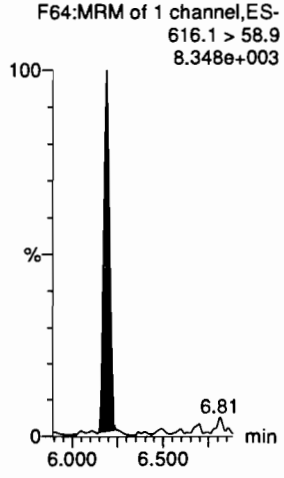


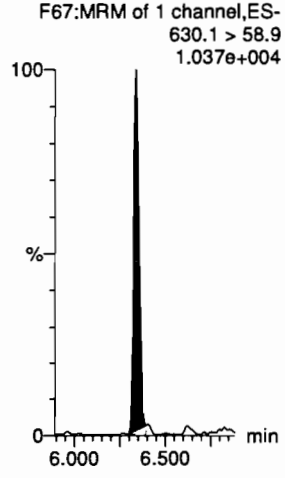
PFODA



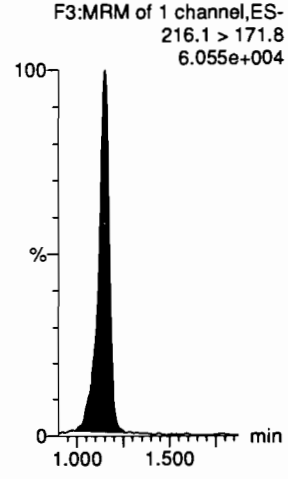
N-MeFOSE



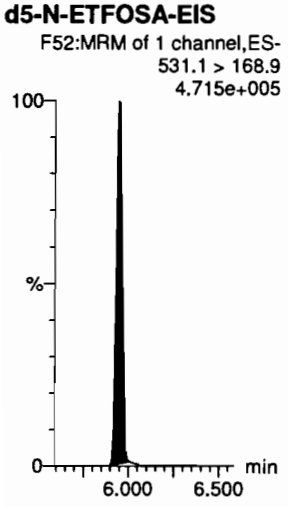
N-EtFOSE



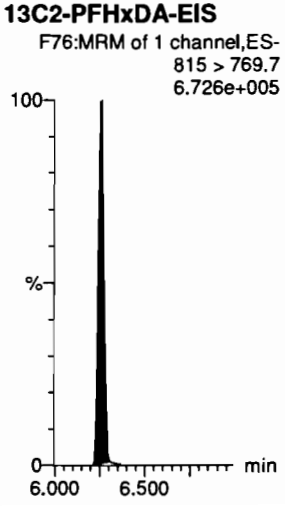
13C3-PFBA-RSD



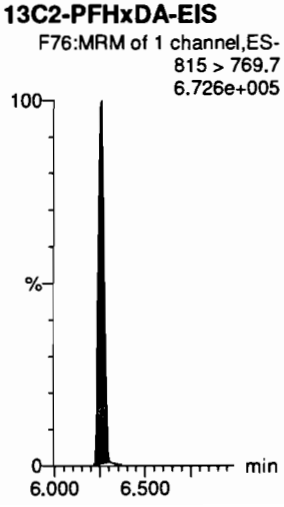
d5-N-ETFOSA-EIS



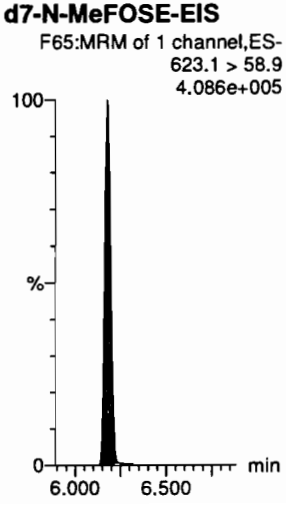
13C2-PFHxDA-EIS



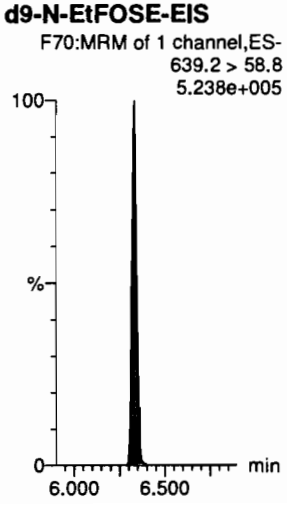
13C2-PFHxDA-EIS



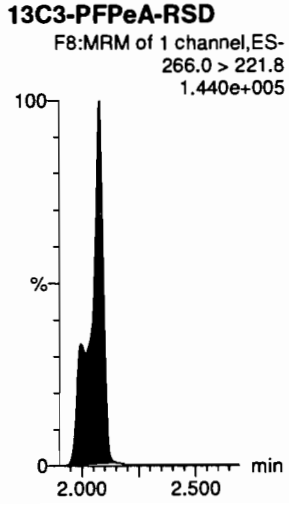
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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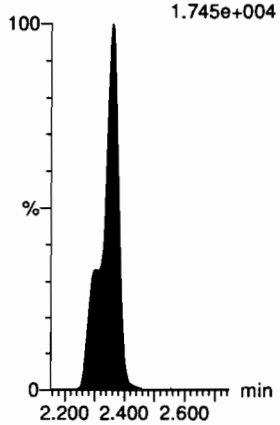
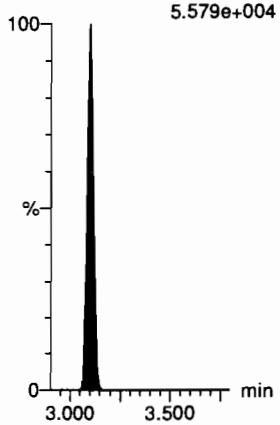
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

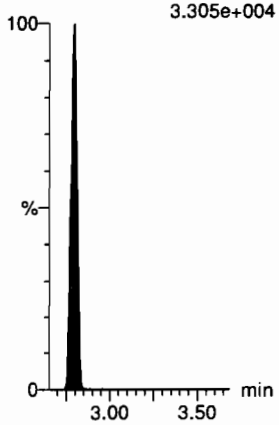
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.745e+004



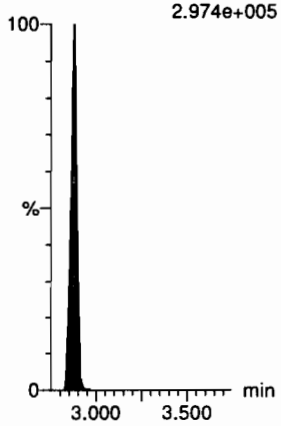
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.579e+004



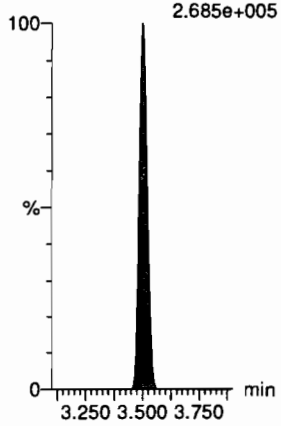
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.305e+004



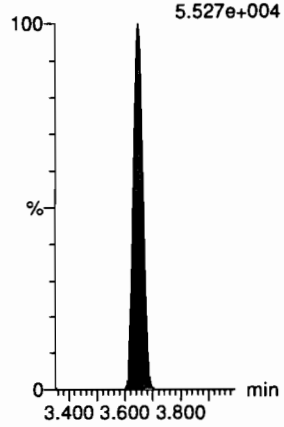
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.974e+005



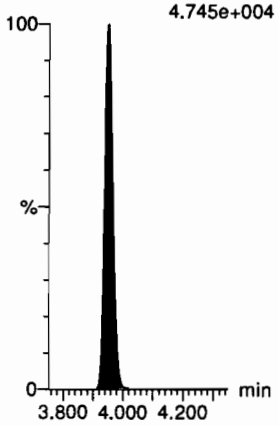
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.685e+005



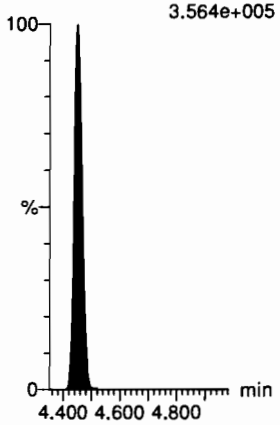
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.527e+004



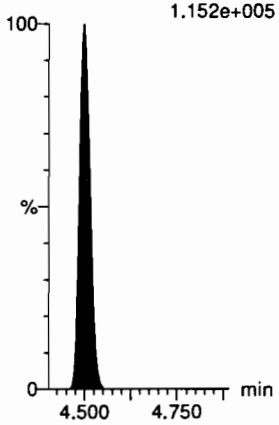
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.745e+004



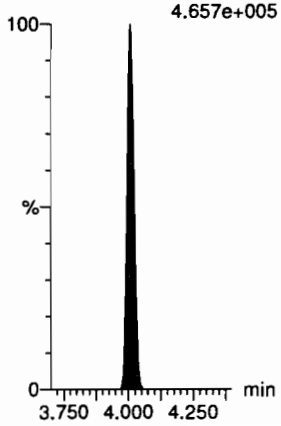
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.564e+005



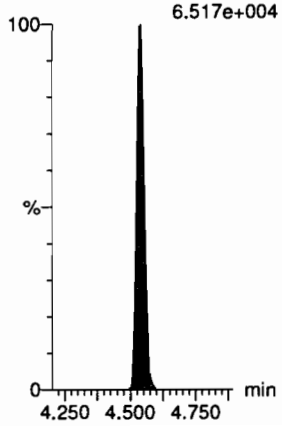
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.152e+005



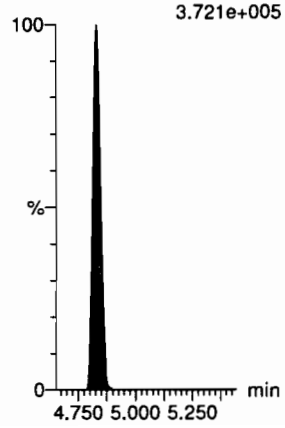
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.657e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.517e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.721e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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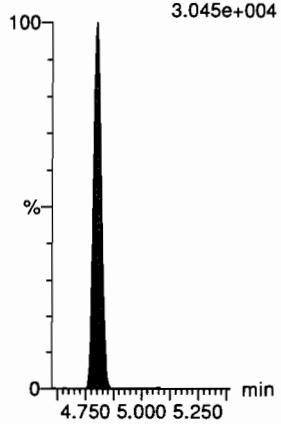
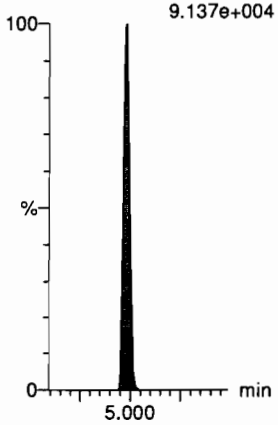
Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

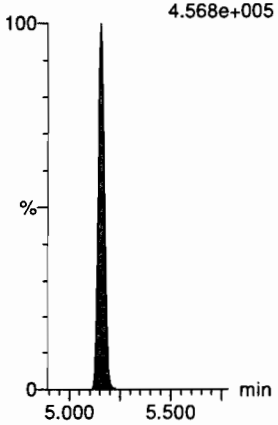
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.045e+004



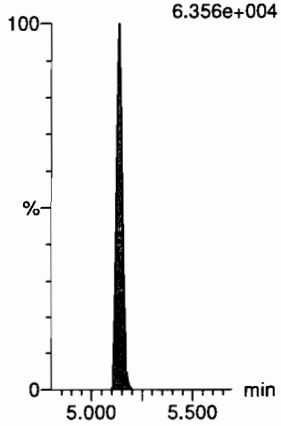
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.137e+004



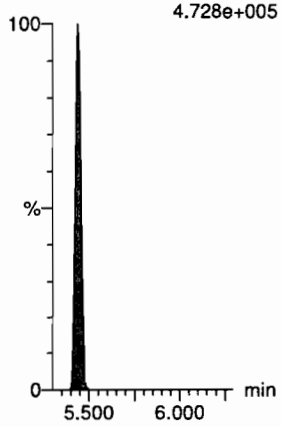
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.568e+005



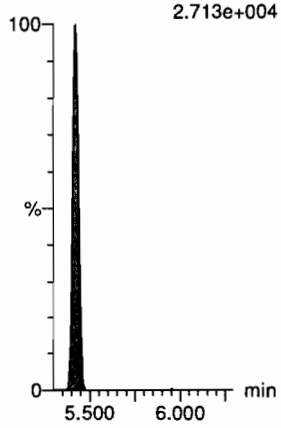
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.356e+004



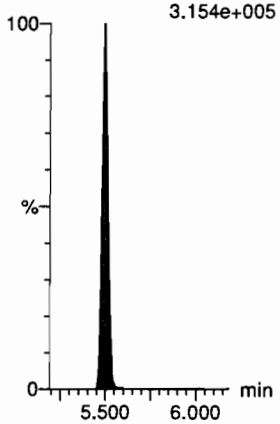
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.728e+005



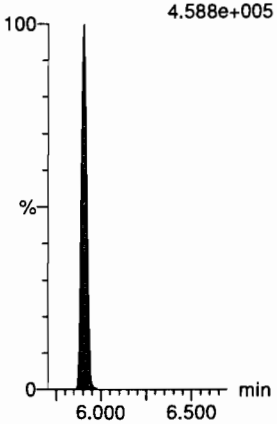
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.713e+004



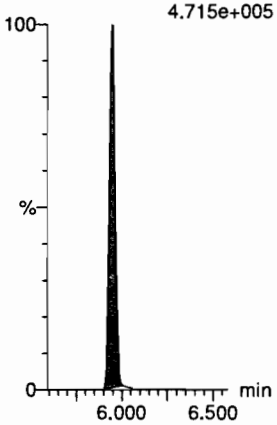
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.154e+005



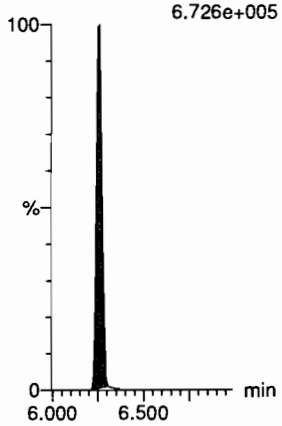
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.588e+005



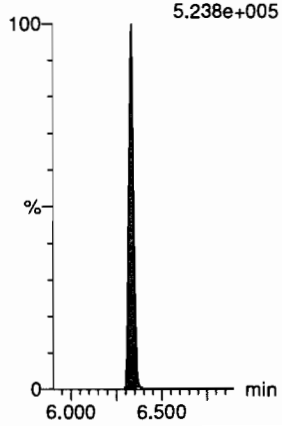
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.715e+005



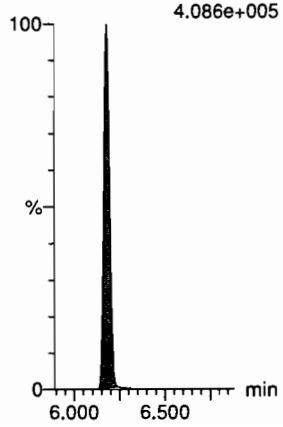
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.726e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.238e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.086e+005

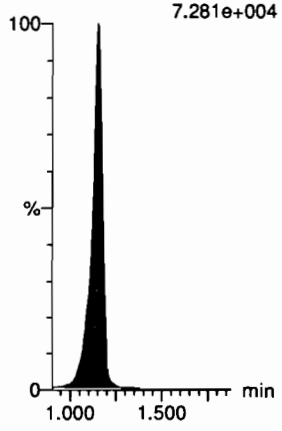


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

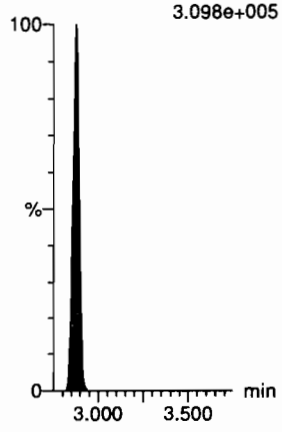
Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-6, Date: 08-Jun-2020, Time: 18:08:18, ID: ST200608P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

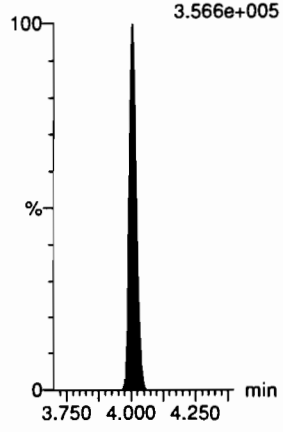
13C4-PFBA



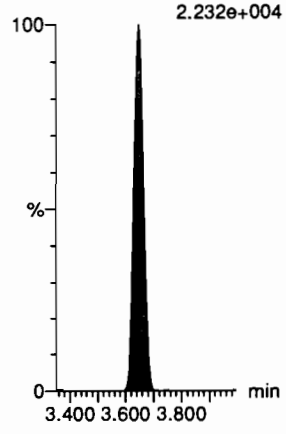
13C5-PFHxA



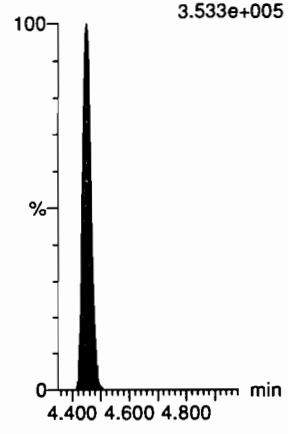
13C8-PFOA



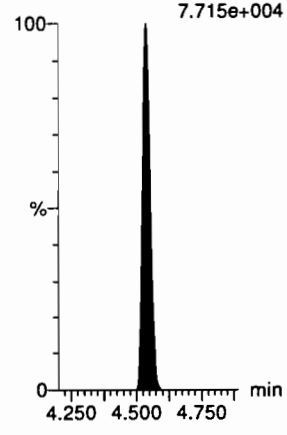
18O2-PFHxS



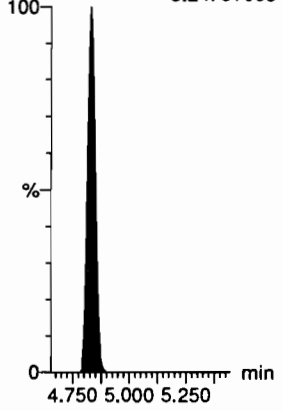
13C9-PFNA



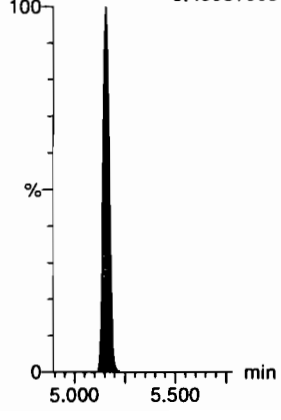
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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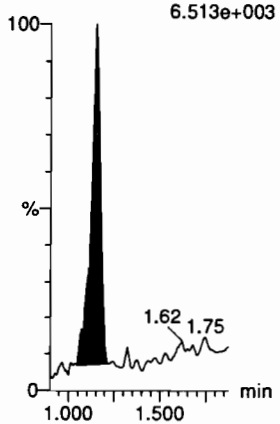
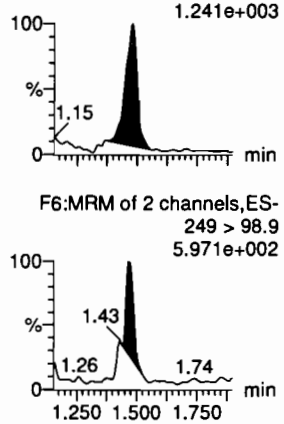
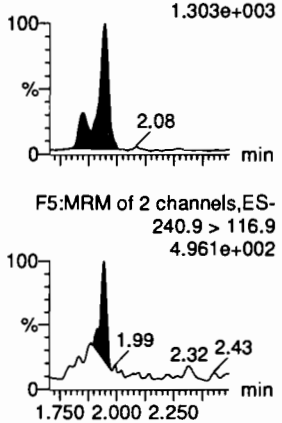
PFBA



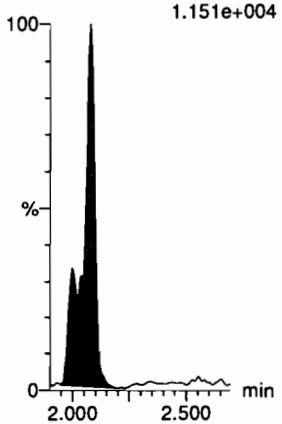
PFPrS



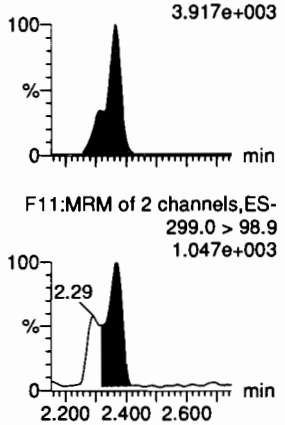
3:3 FTCA



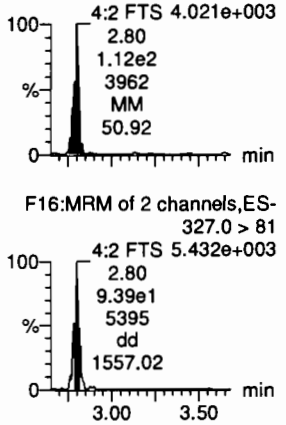
PFPeA



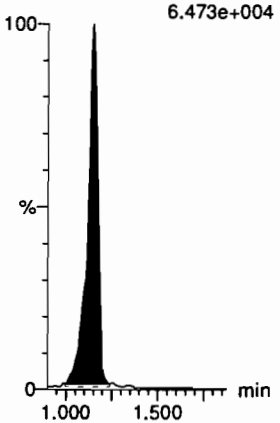
PFBS



4:2 FTS



13C3-PFBA-EIS



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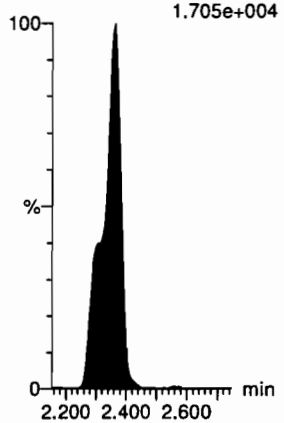

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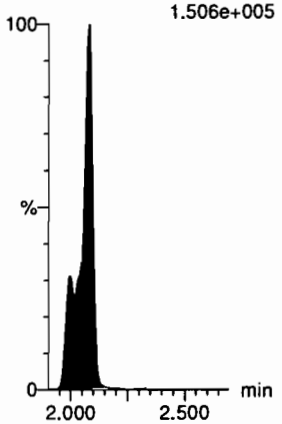

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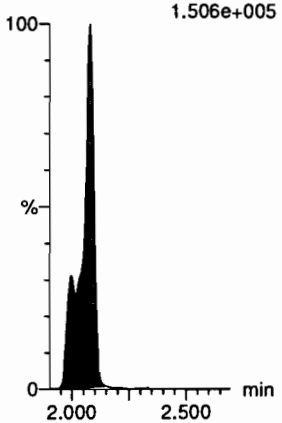
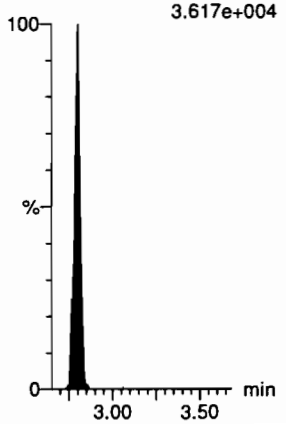


13C3-PFBS-EIS

13C2-4:2 FTS-EIS



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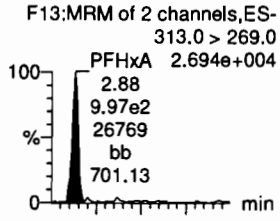
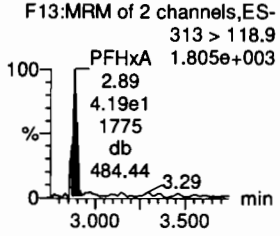
Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

PFHxA





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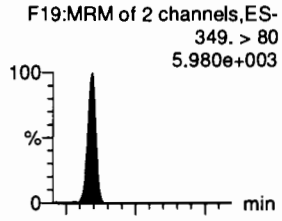
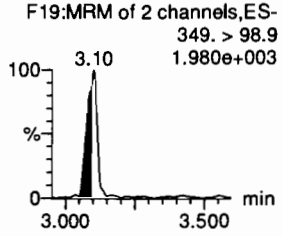
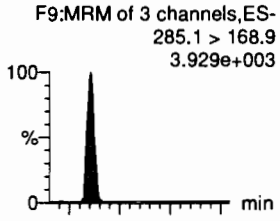
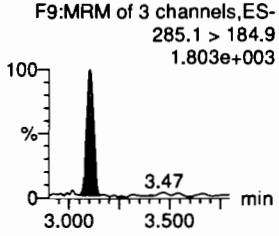


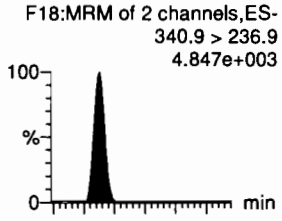


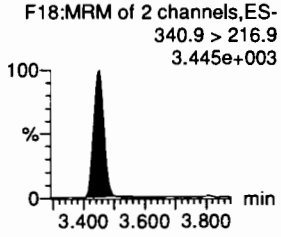
HFPO-DA





5:3 FTCA





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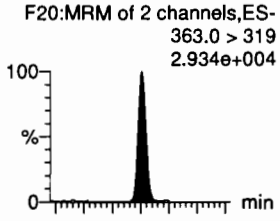

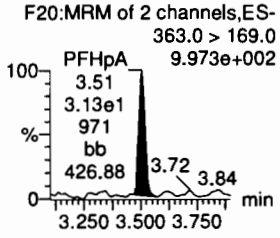

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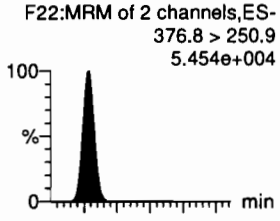
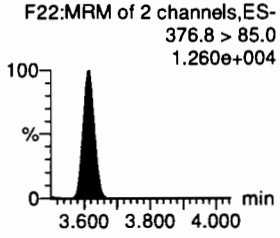
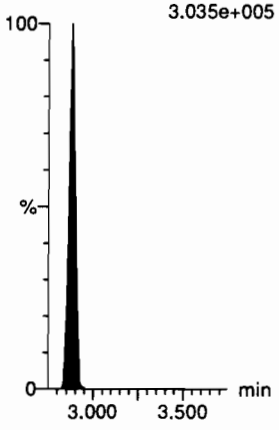
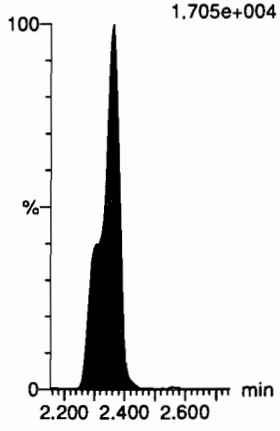




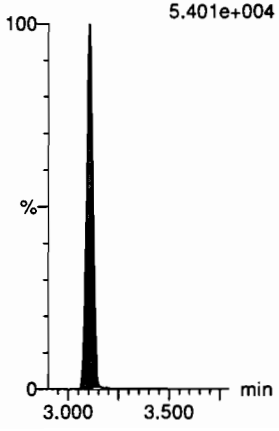
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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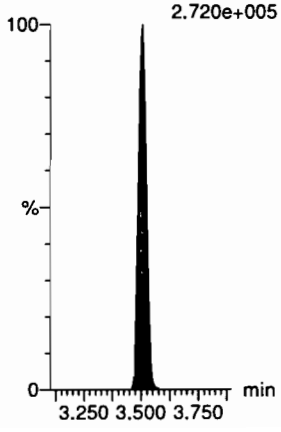

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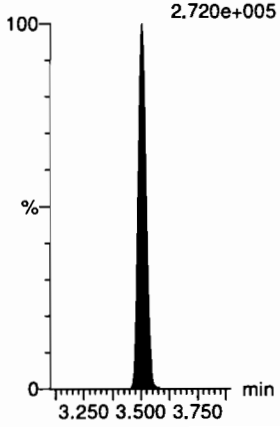

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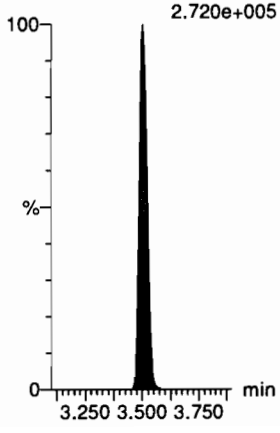

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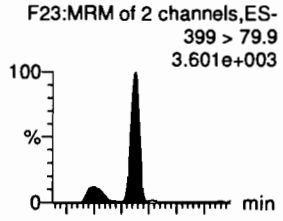
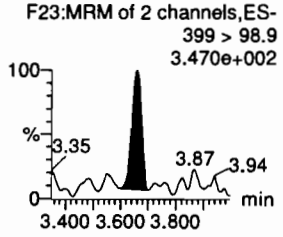
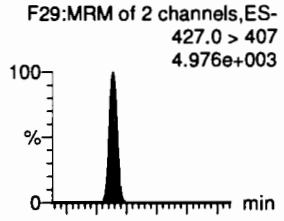
Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

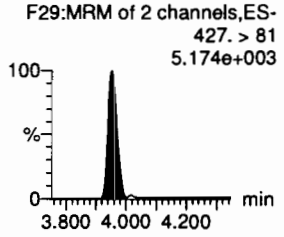
L-PFHxS



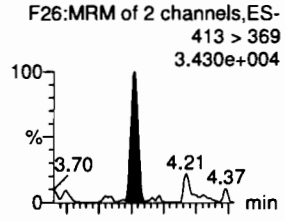


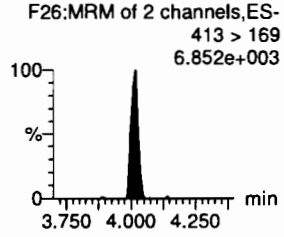
6:2 FTS



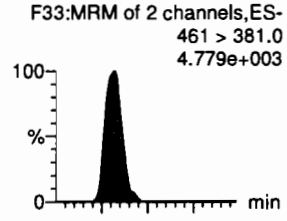


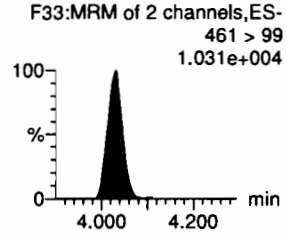
L-PFOA



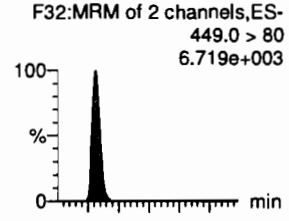


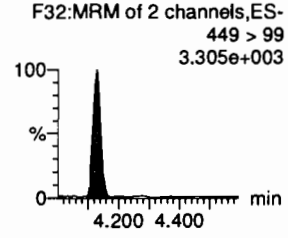
PFEChS



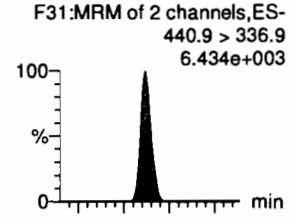


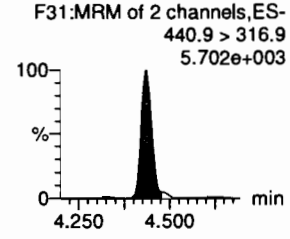
PFHpS



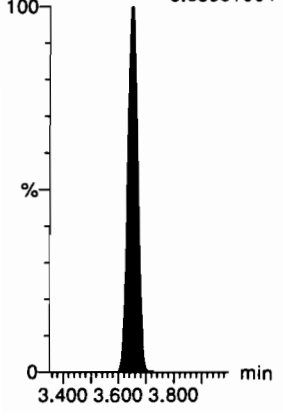


7:3 FTCA

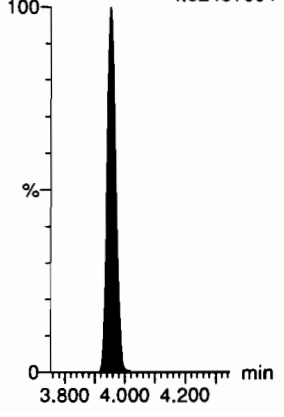




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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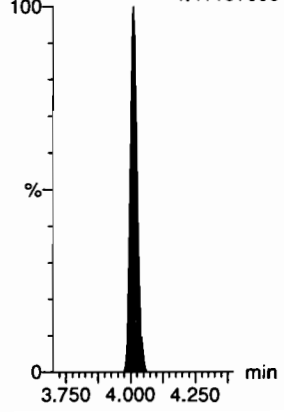

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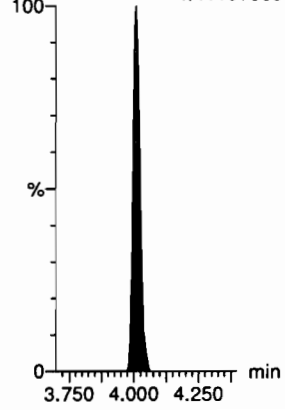
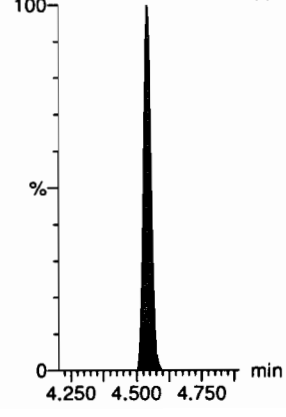
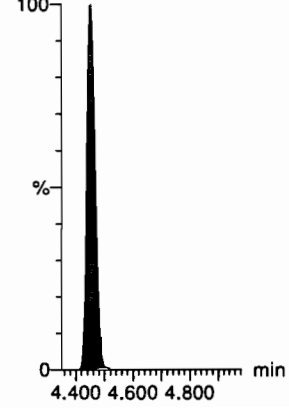


13C8-PFOS-EIS



13C5-PFNA-EIS



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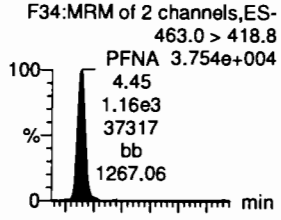

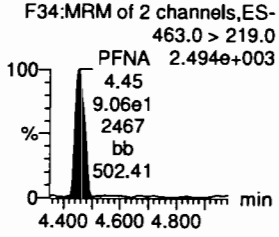

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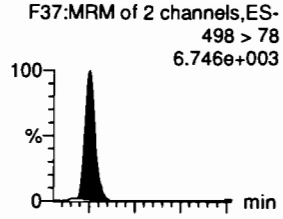
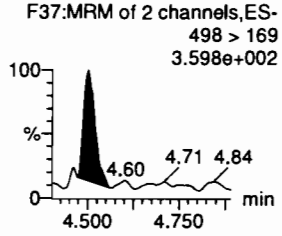
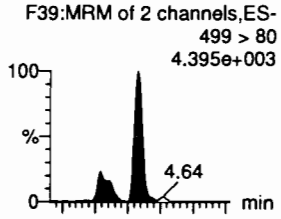
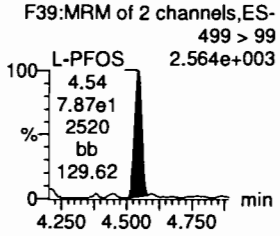




L-PFOS





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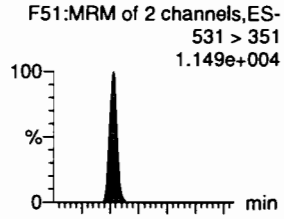

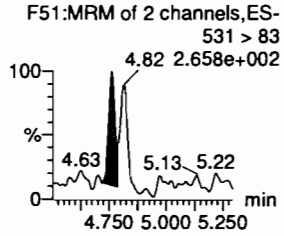

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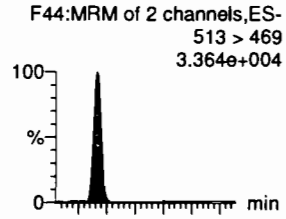
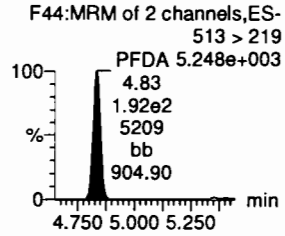
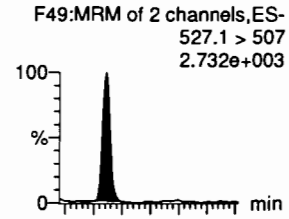
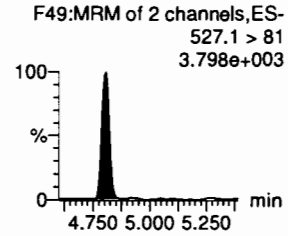


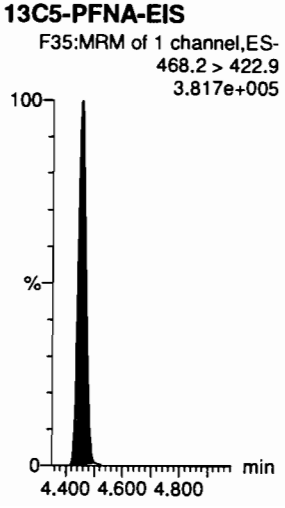


8:2 FTS

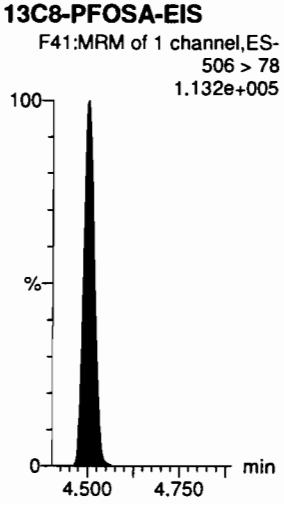




13C5-PFNA-EIS



13C8-PFOSA-EIS



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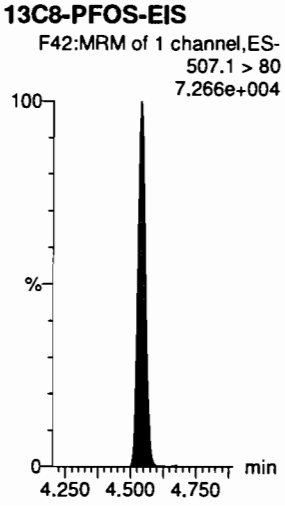

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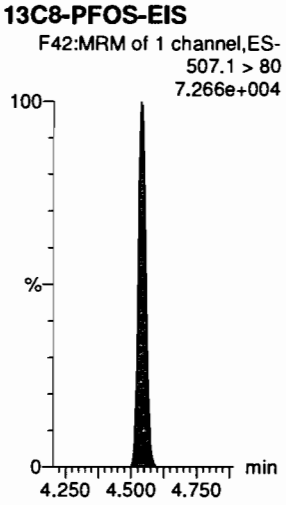

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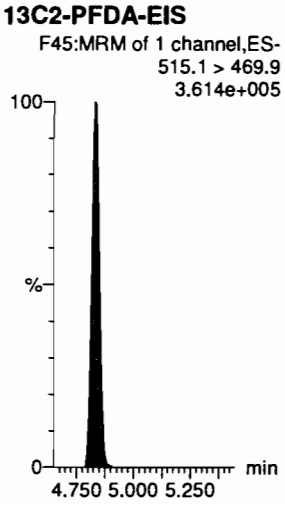
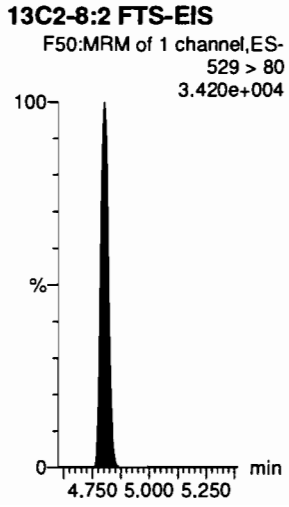


13C2-8:2 FTS-EIS



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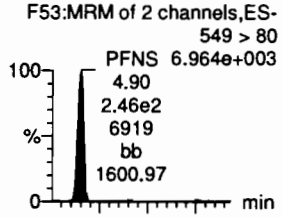
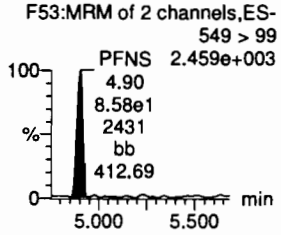
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

PFNS





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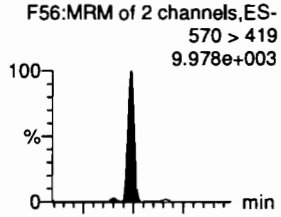

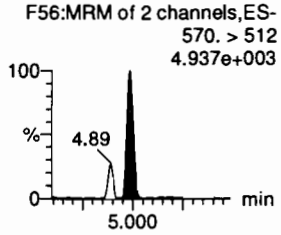

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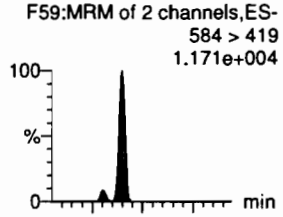

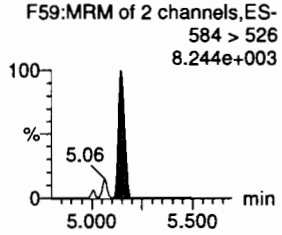

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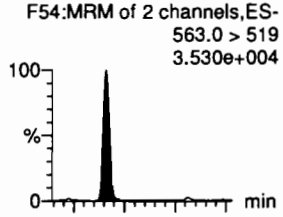

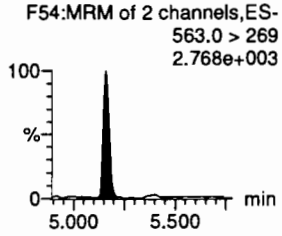

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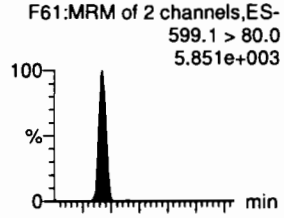

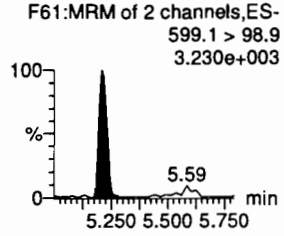

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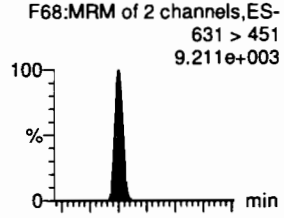
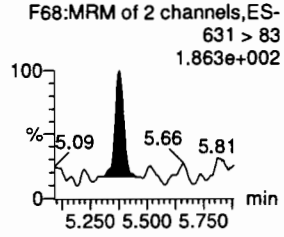
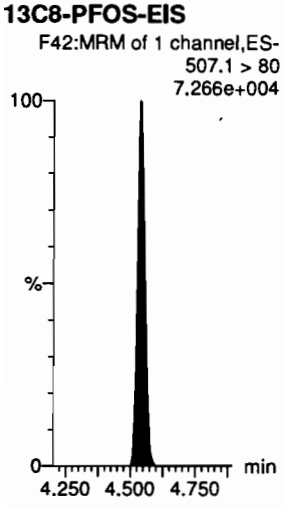
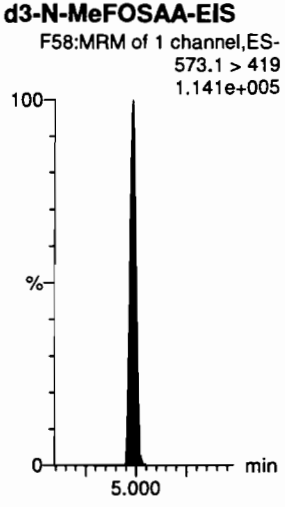




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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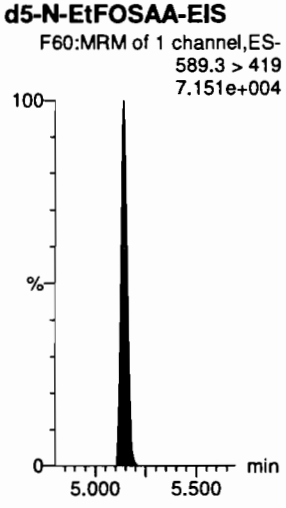
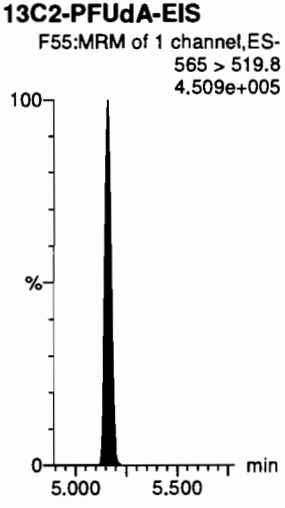


13C2-PFUdA-EIS



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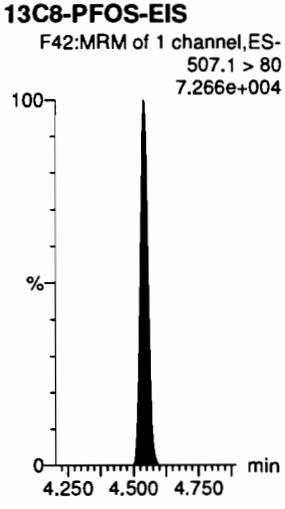

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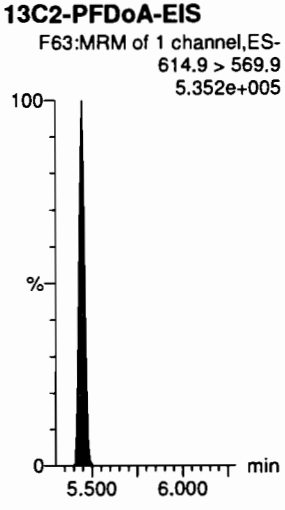

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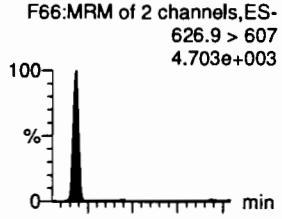
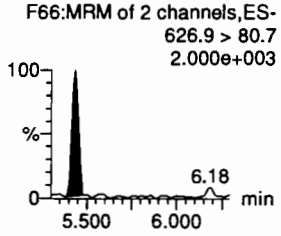
Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

10:2 FTS





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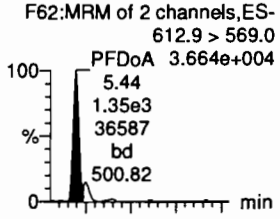

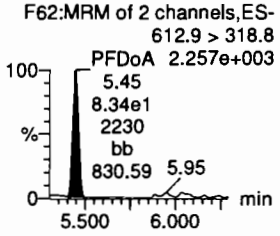

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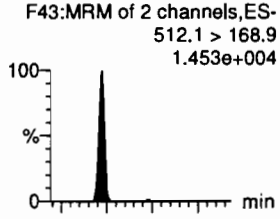

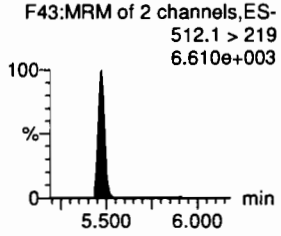

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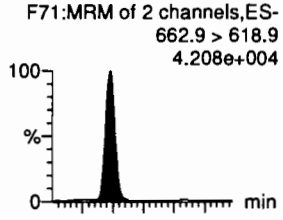

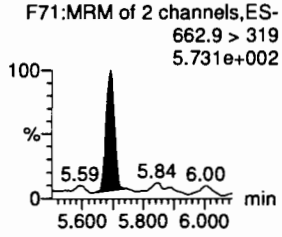

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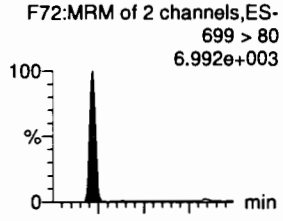

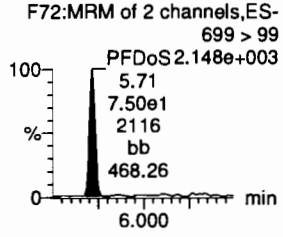

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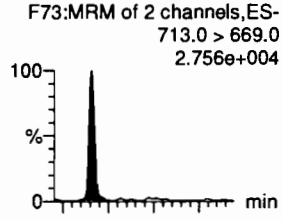

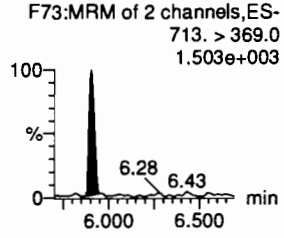

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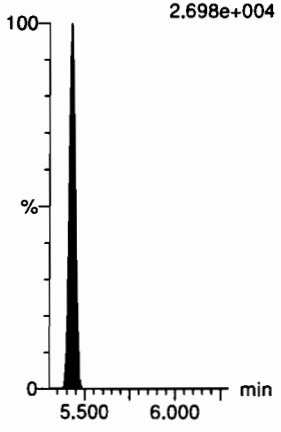
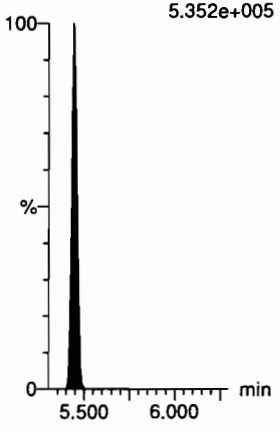
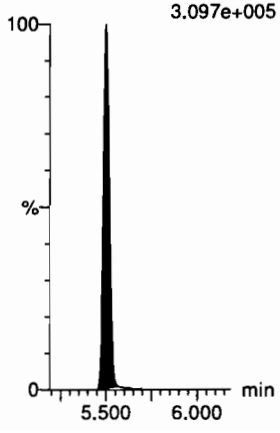


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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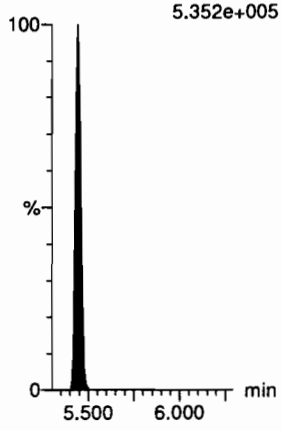

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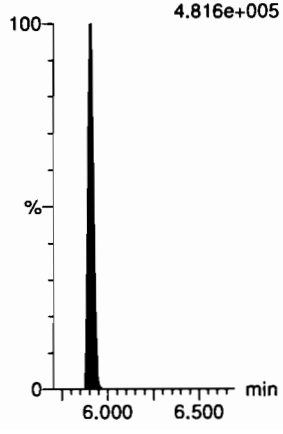

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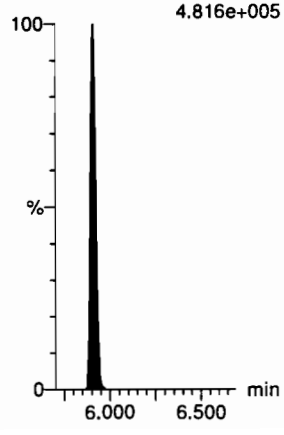

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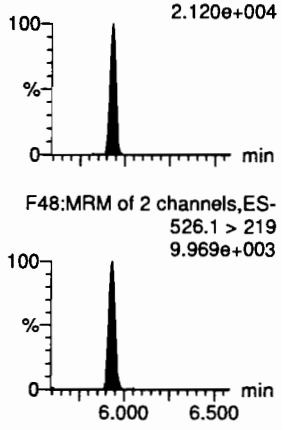
Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

N-EtFOSA



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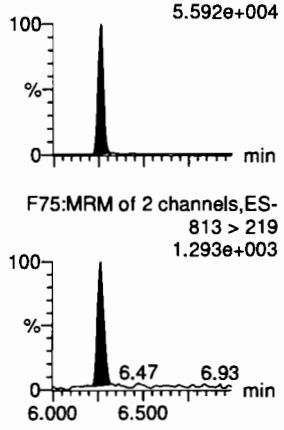

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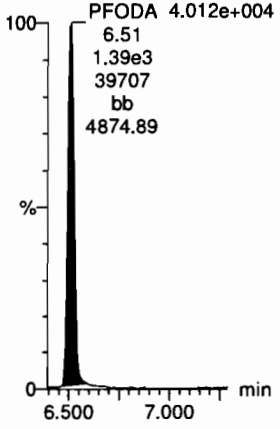
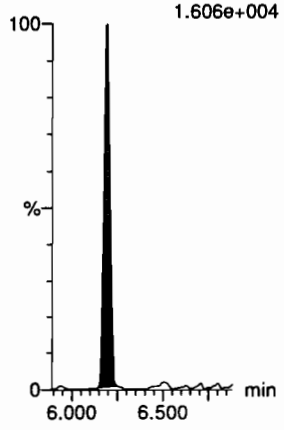
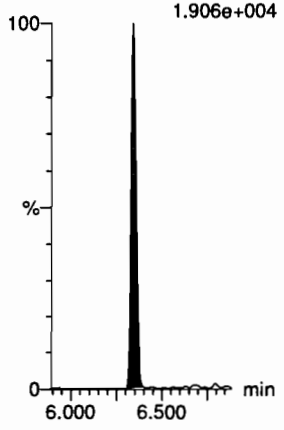


N-MeFOSE



N-EtFOSE



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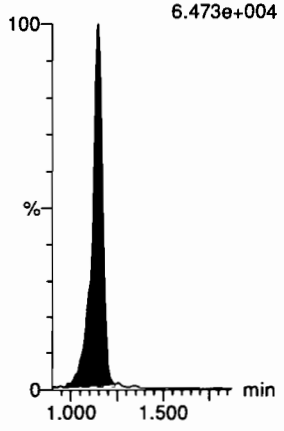
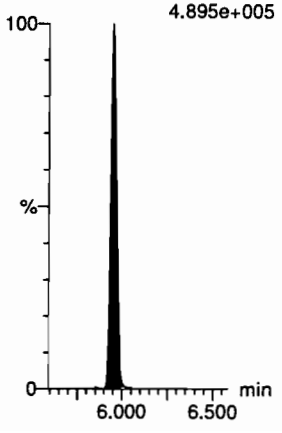
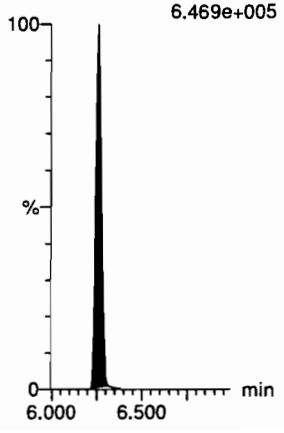


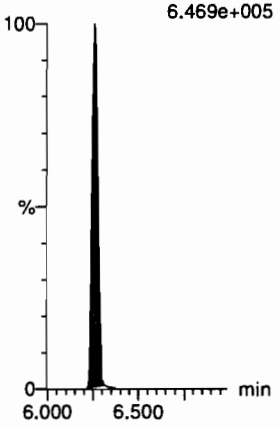
d5-N-ETFOSA-EIS



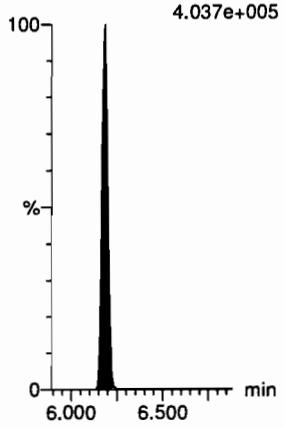
13C2-PFHxDA-EIS



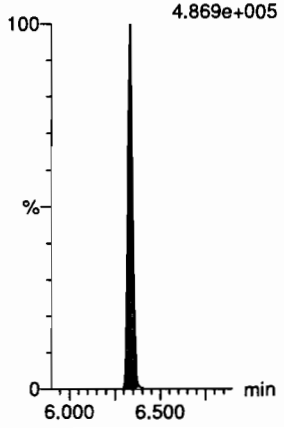
13C2-PFHxDA-EIS



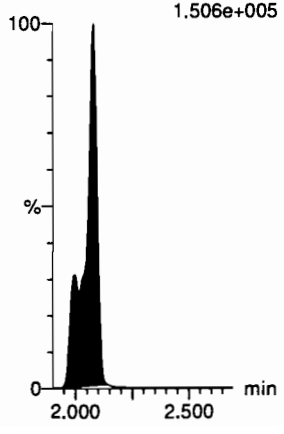
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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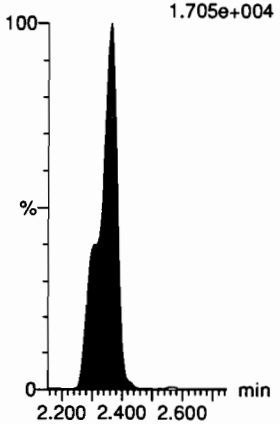
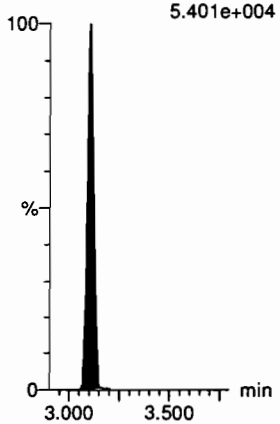
Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

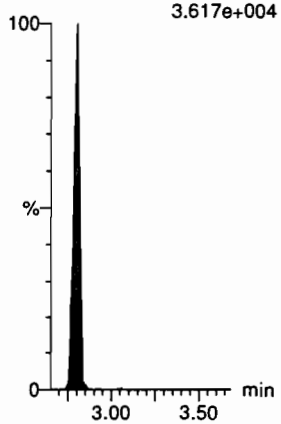
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.705e+004



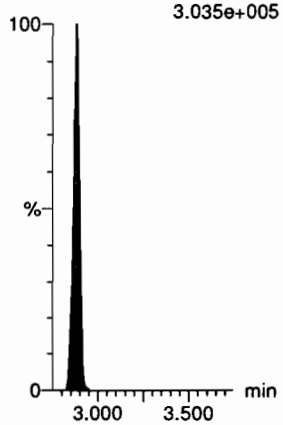
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.401e+004



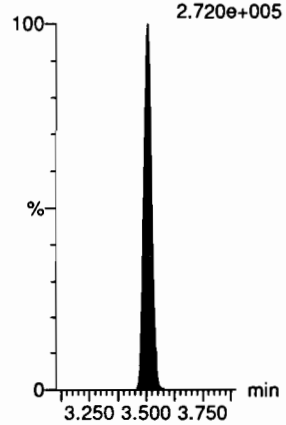
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.617e+004



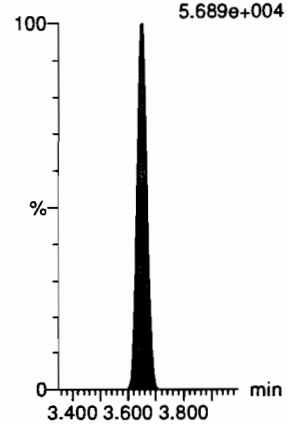
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.035e+005



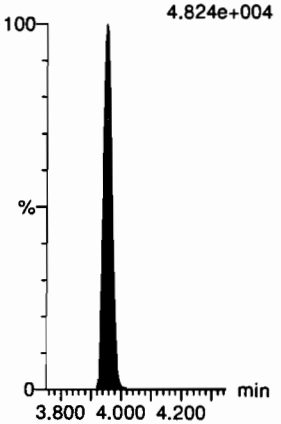
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.720e+005



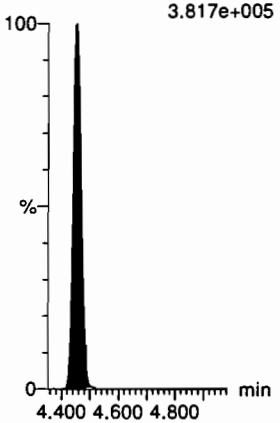
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.689e+004



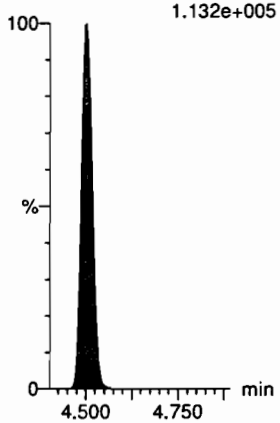
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.824e+004



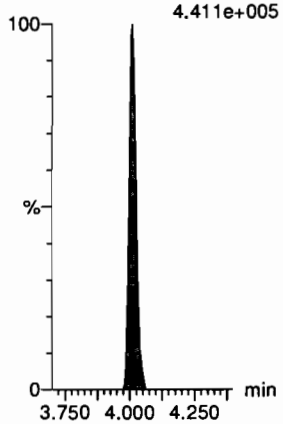
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.817e+005



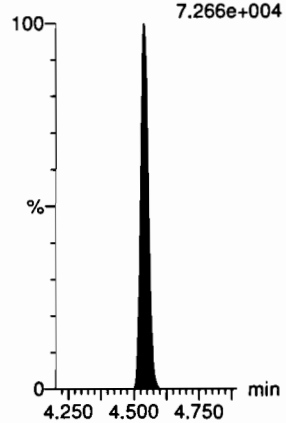
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.132e+005



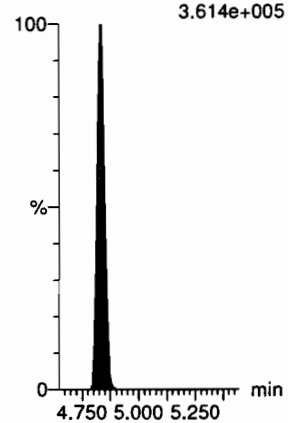
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.411e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.266e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.614e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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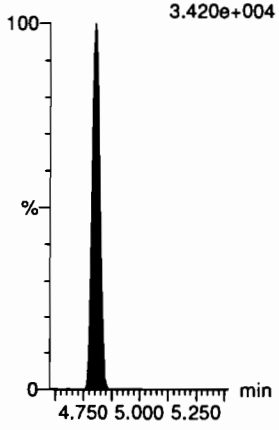
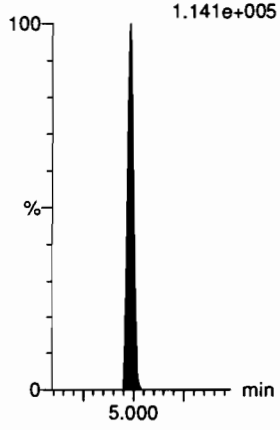
Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

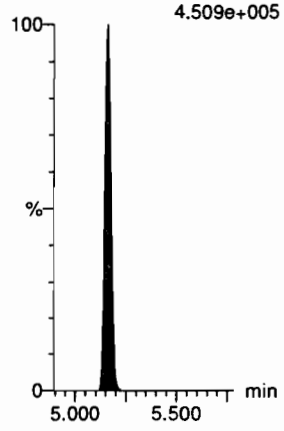
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.420e+004



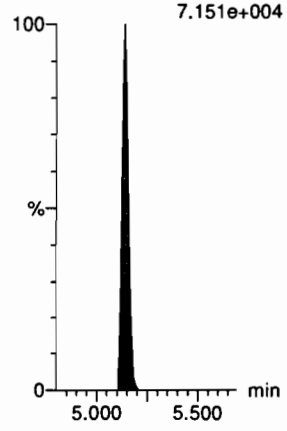
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.141e+005



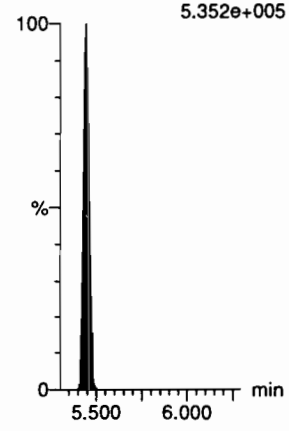
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.509e+005



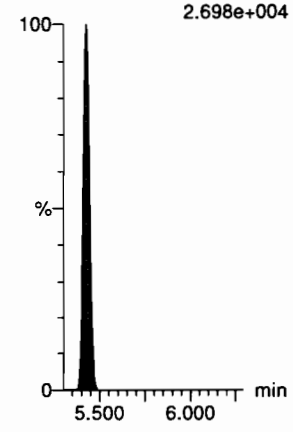
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
7.151e+004



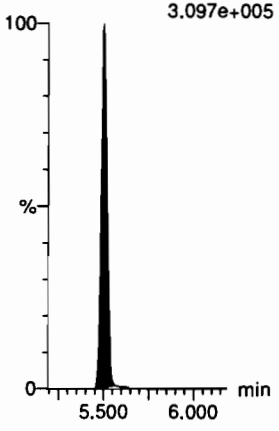
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.352e+005



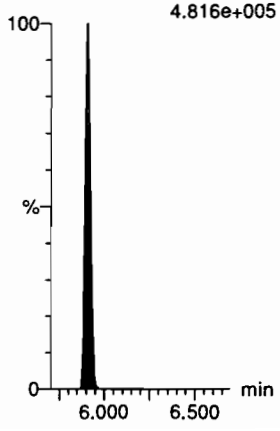
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.698e+004



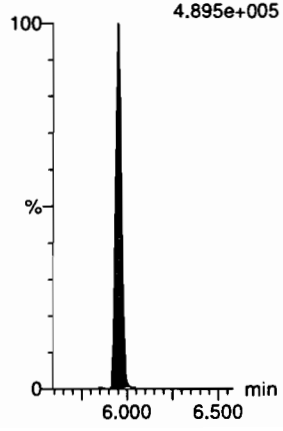
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.097e+005



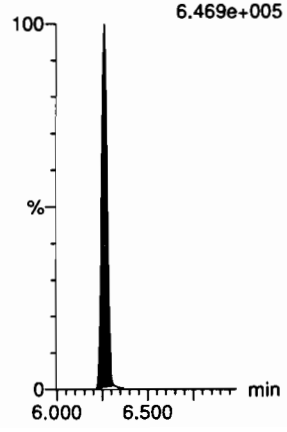
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.816e+005



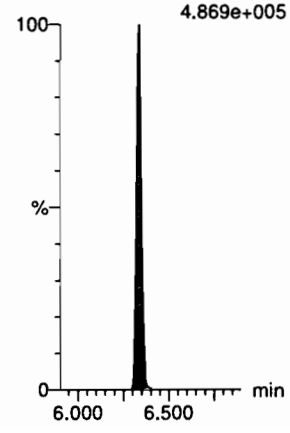
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.895e+005



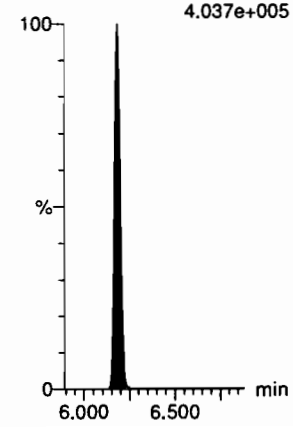
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.469e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.869e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.037e+005



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Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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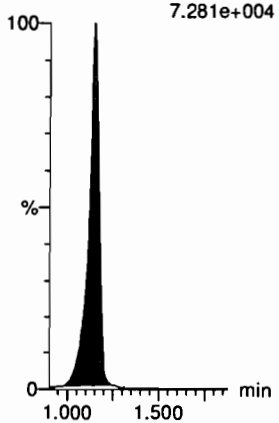
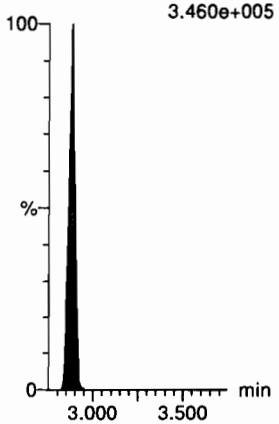
Name: 200608P1-7, Date: 08-Jun-2020, Time: 18:18:50, ID: ST200608P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

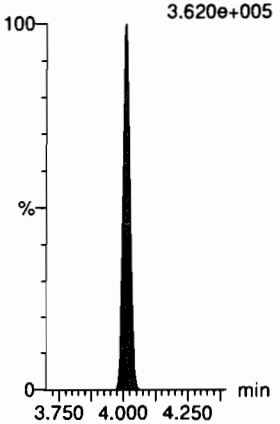
13C4-PFBA



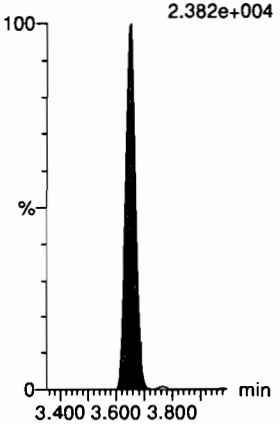
13C5-PFHxA



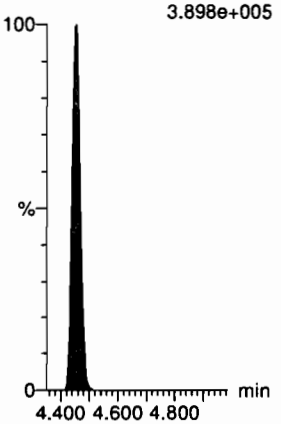
13C8-PFOA



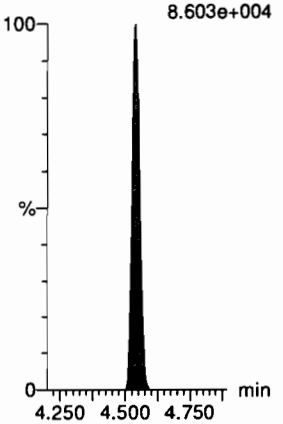
18O2-PFHxS



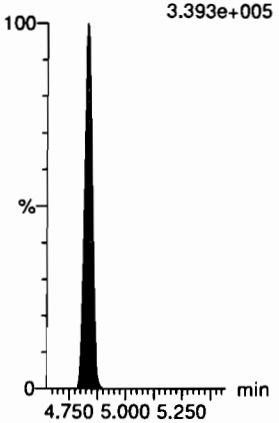
13C9-PFNA



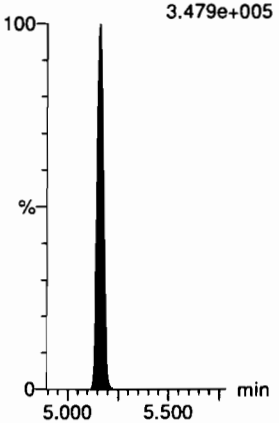
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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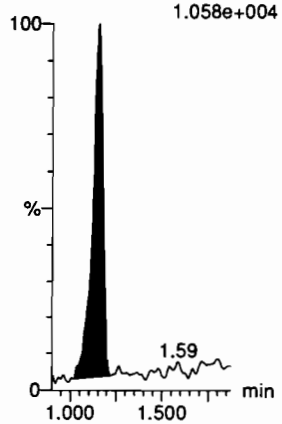
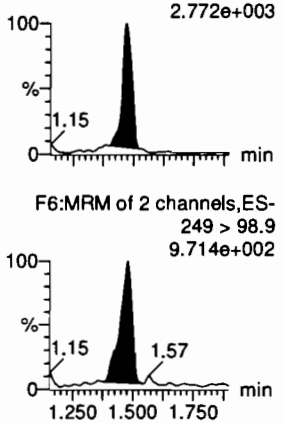
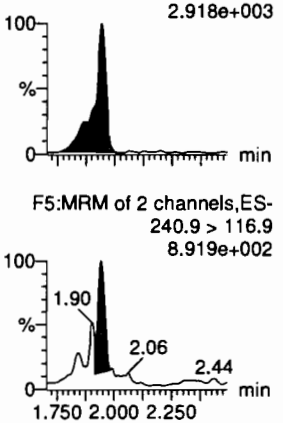
PFBA



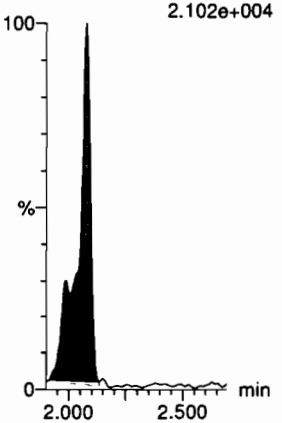
PFPrS



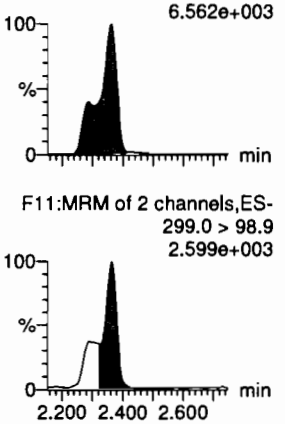
3:3 FTCA



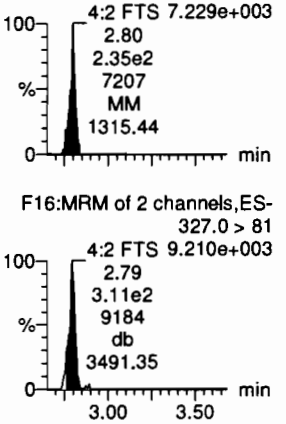
PFPeA



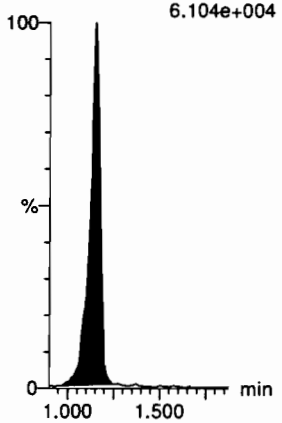
PFBS



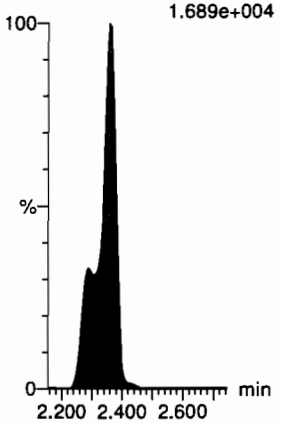
4:2 FTS



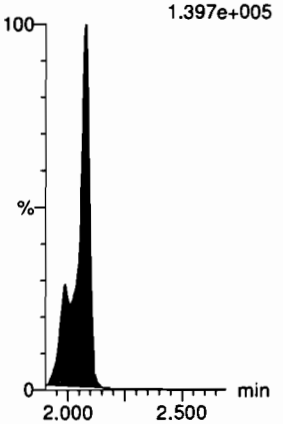
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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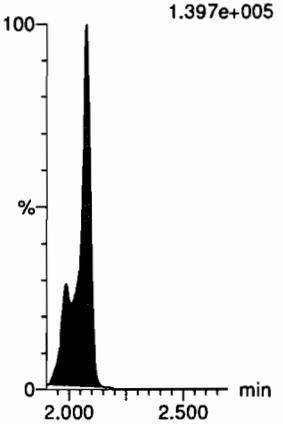

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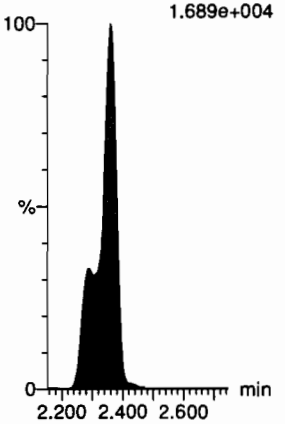
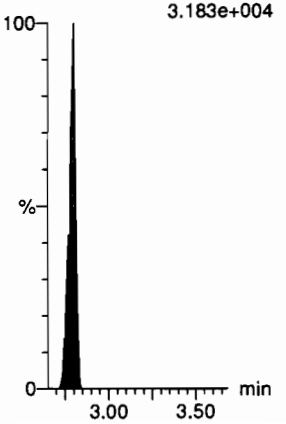


13C2-4:2 FTS-EIS



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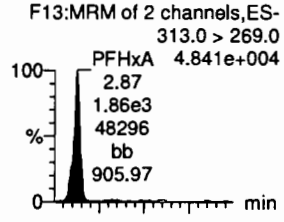
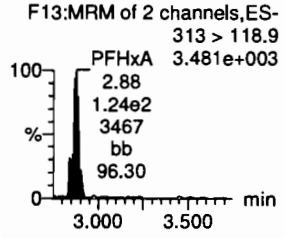
Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

PFHxA





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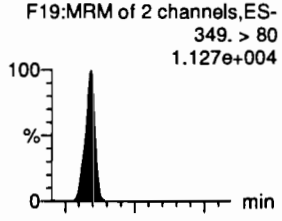
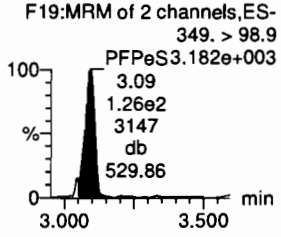
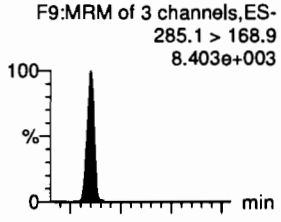
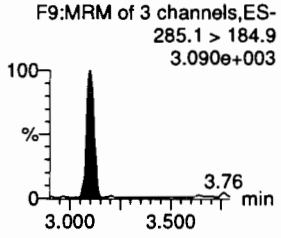


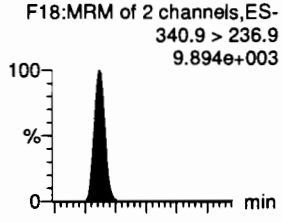


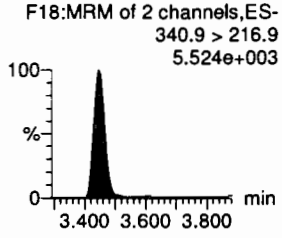
HFPO-DA





5:3 FTCA





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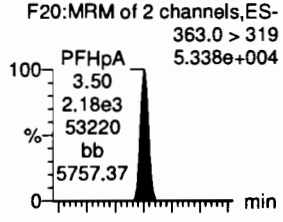

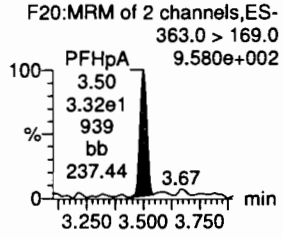

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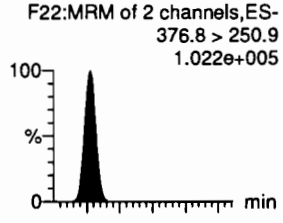
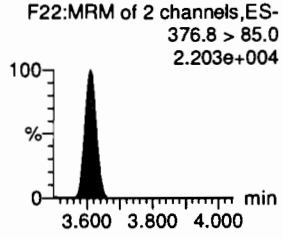
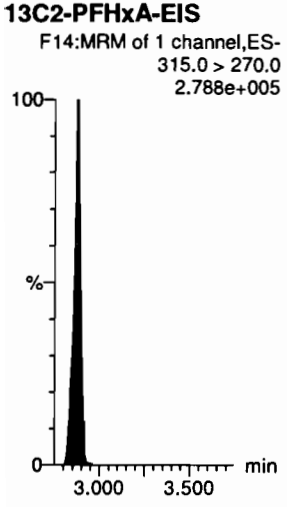
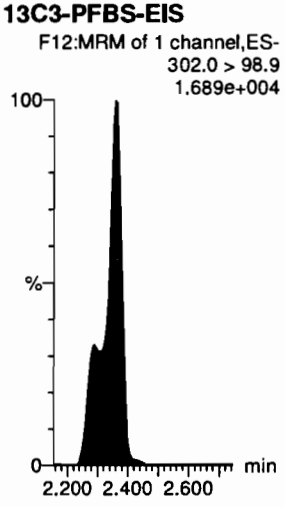




13C2-PFHxA-EIS



13C3-PFBS-EIS



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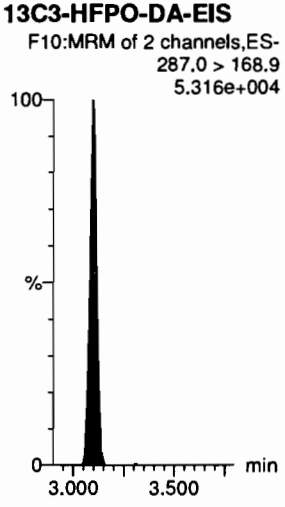

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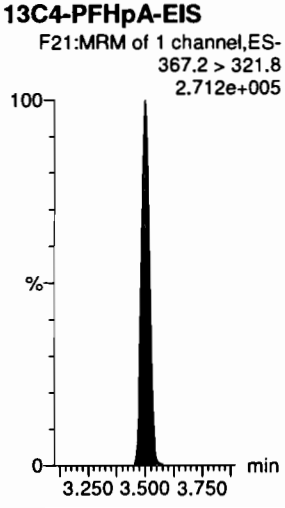

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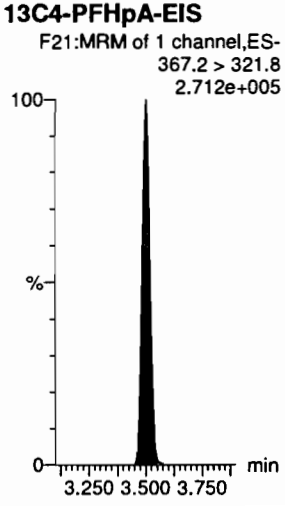

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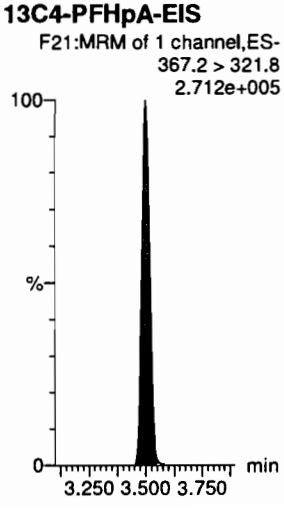

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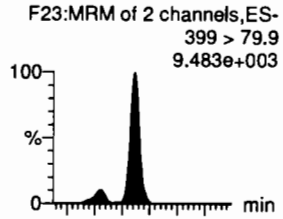
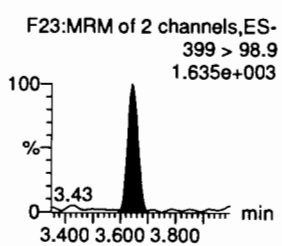
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

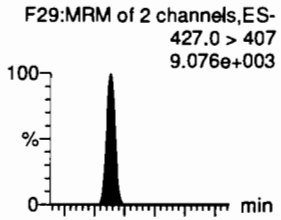
Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

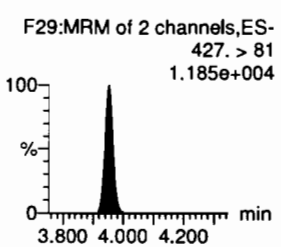
L-PFHxS





6:2 FTS





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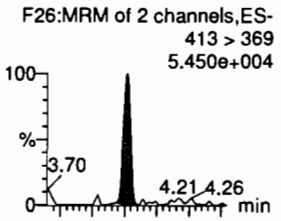

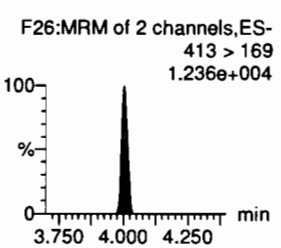

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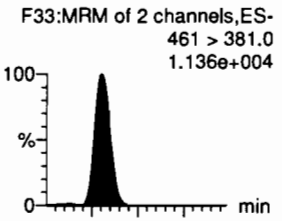

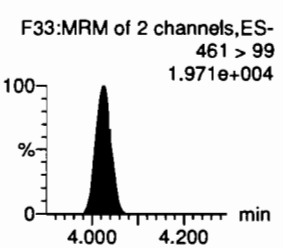

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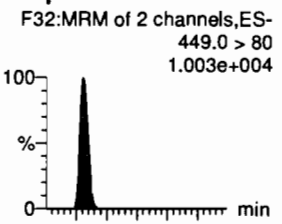
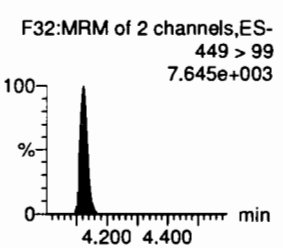
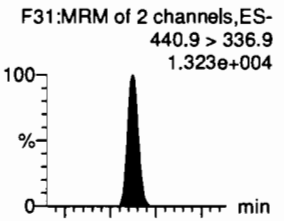
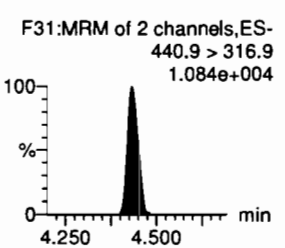


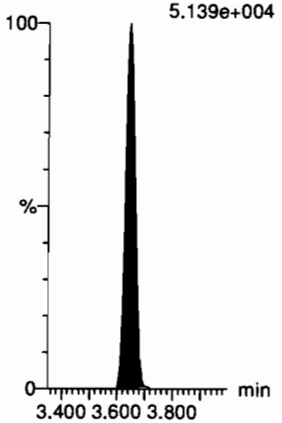


7:3 FTCA

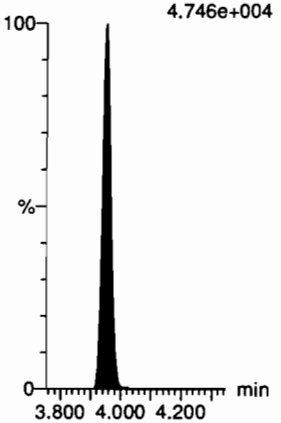




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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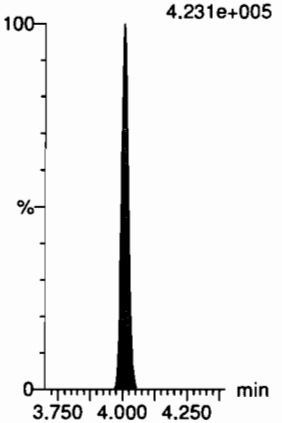

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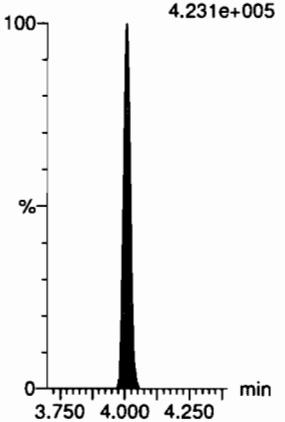
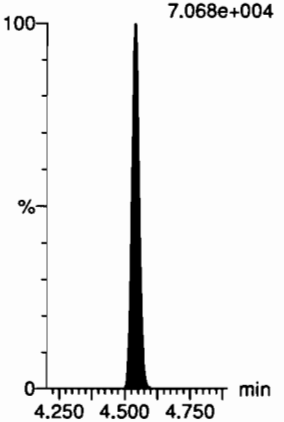
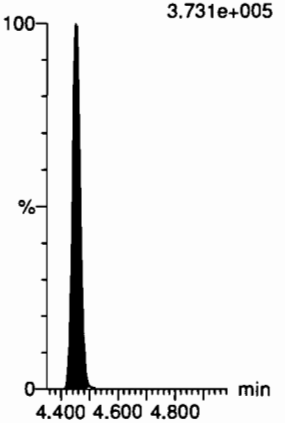


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

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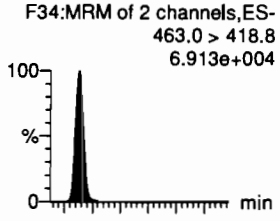

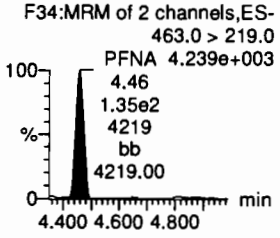

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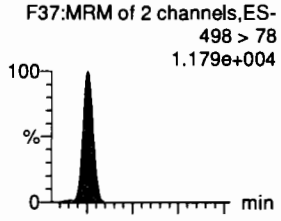
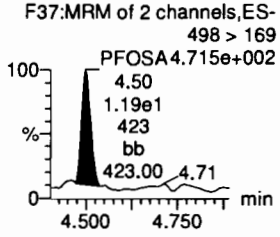
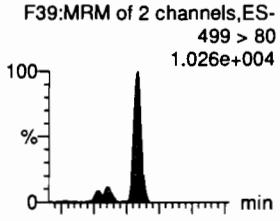
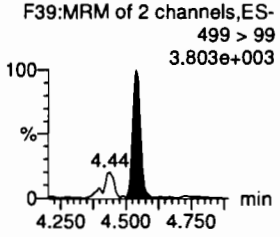


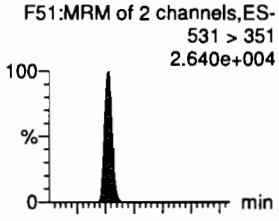


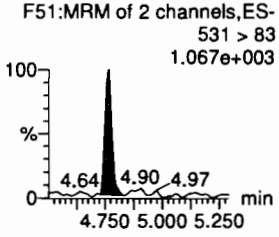
L-PFOS





9Cl-PF30NS





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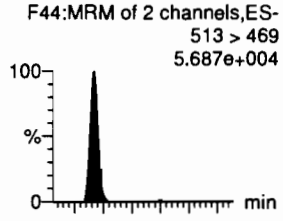
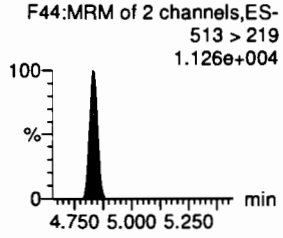
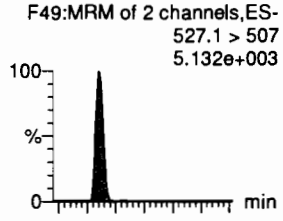
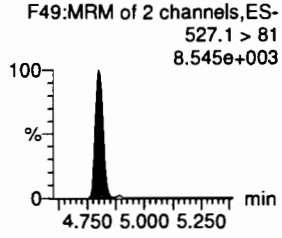


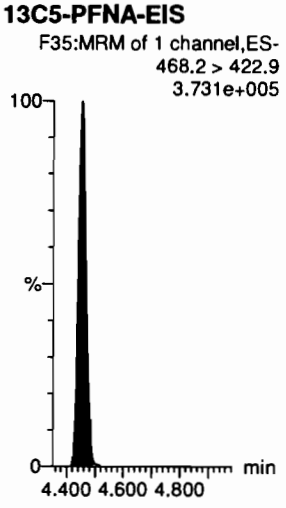


8:2 FTS

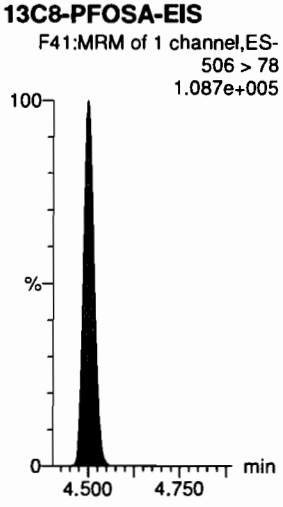




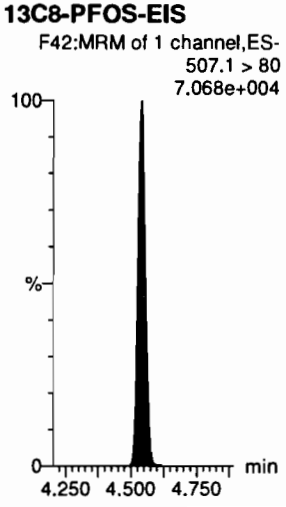
13C5-PFNA-EIS



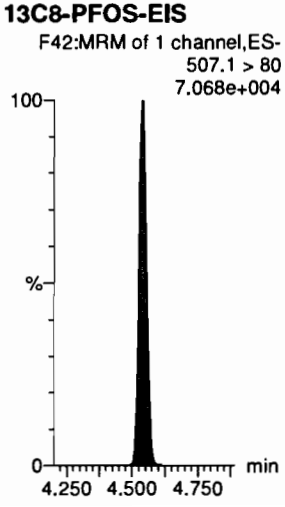
13C8-PFOSA-EIS



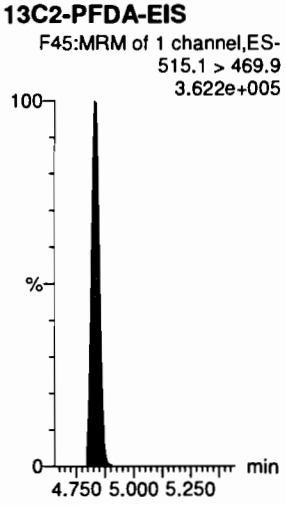
13C8-PFOS-EIS



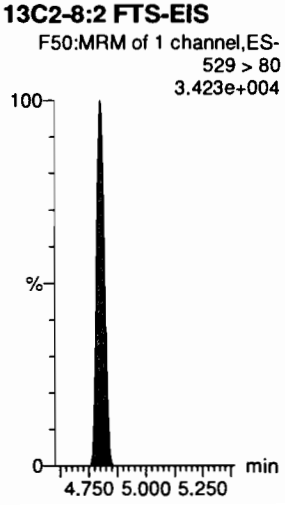
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

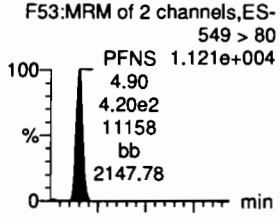


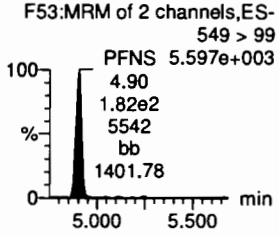
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

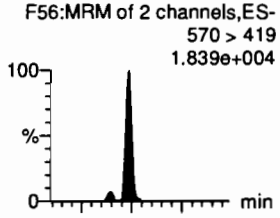
Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

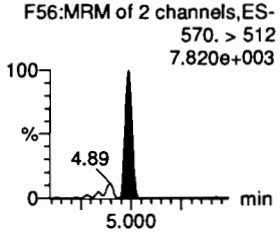
PFNS



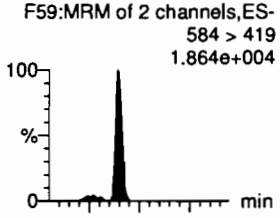


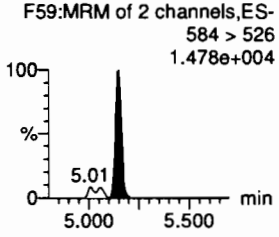
L-MeFOSAA



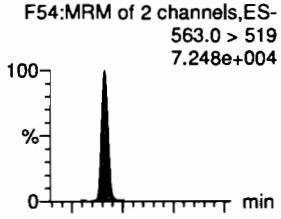


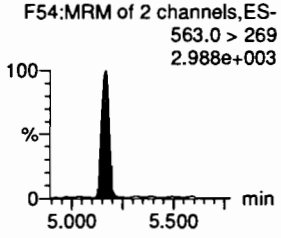
L-EtFOSAA



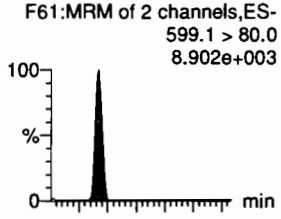


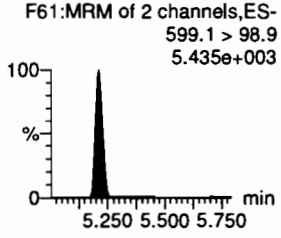
PFUdA



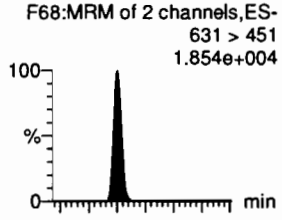


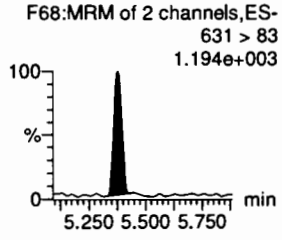
PFDS



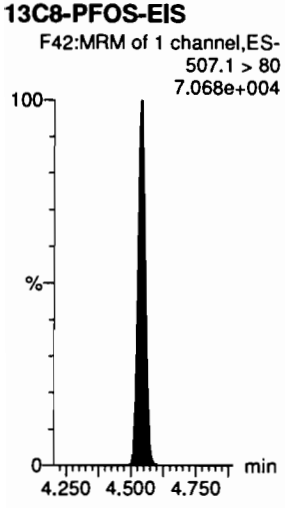


11Cl-PF30UdS

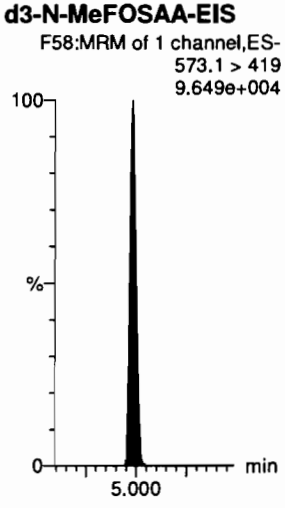




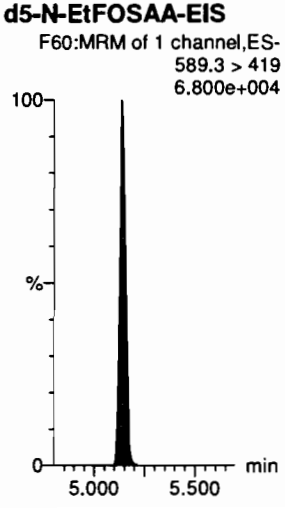
13C8-PFOS-EIS



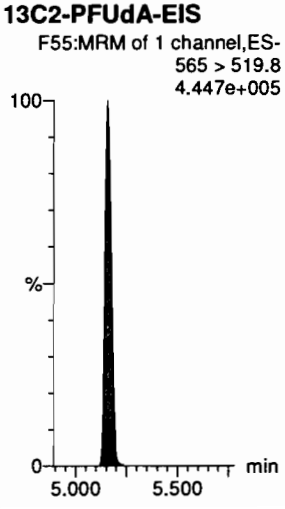
d3-N-MeFOSAA-EIS



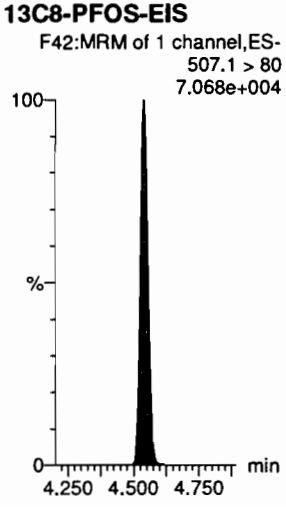
d5-N-EtFOSAA-EIS



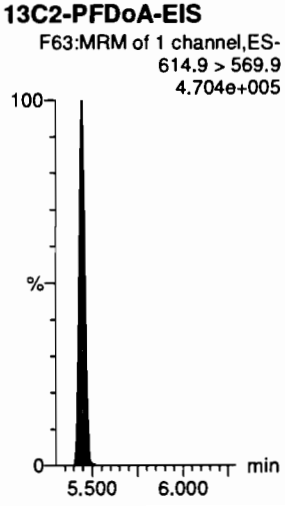
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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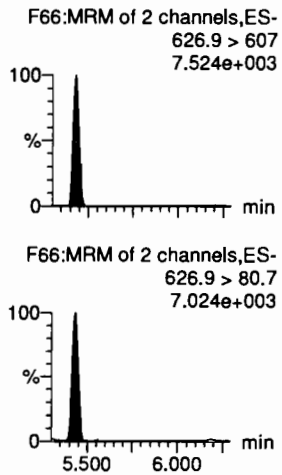
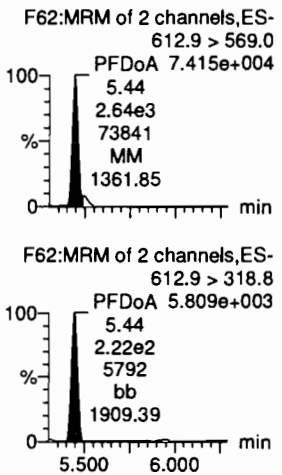
Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

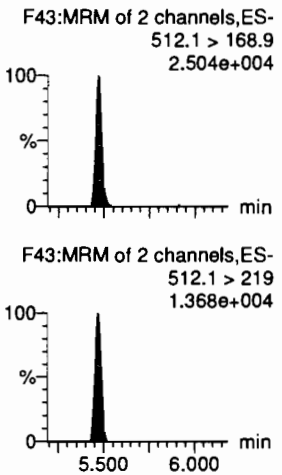
10:2 FTS



PFDoA



N-MeFOSA



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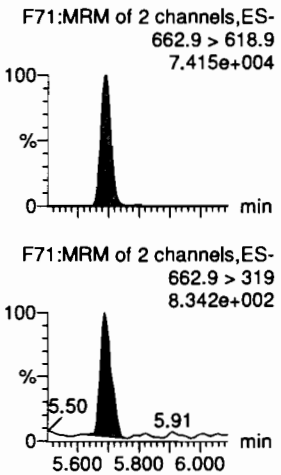
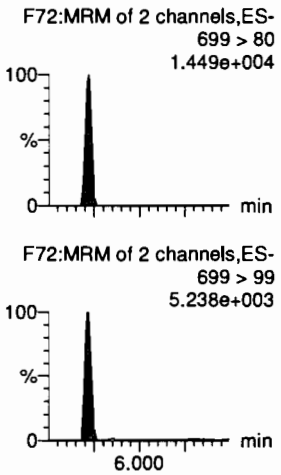
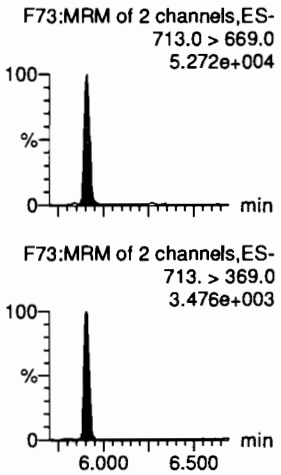


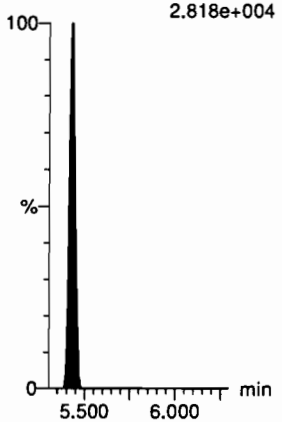
PFDoS



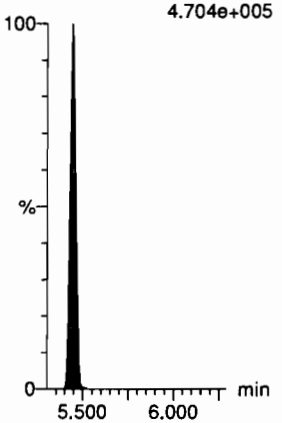
PFTeDA



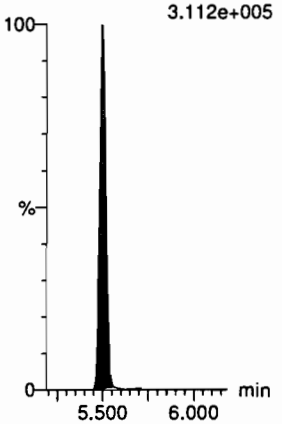
13C2-10:2 FTS-EIS



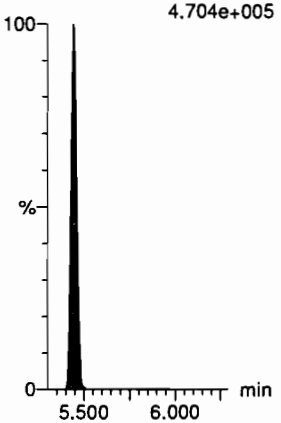
13C2-PFDoA-EIS



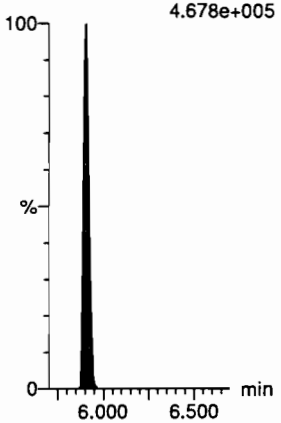
d3-N-MeFOSA-EIS



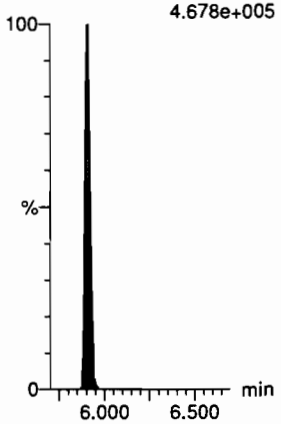
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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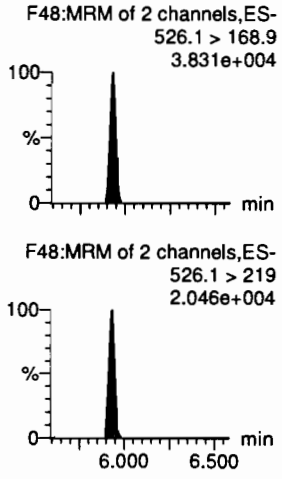
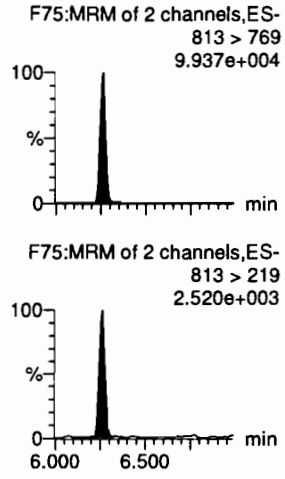
Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

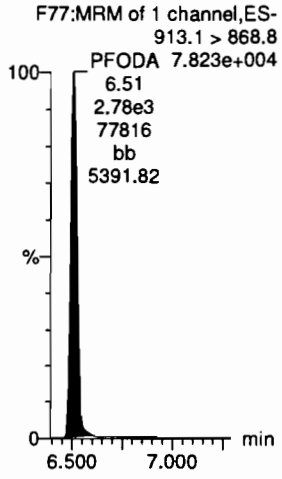
N-EtFOSA



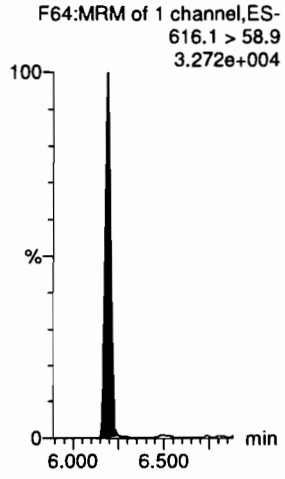
PFHxDA



PFODA



N-MeFOSE



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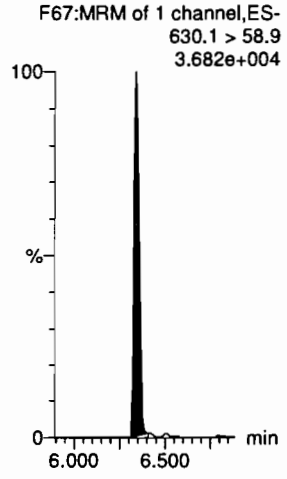
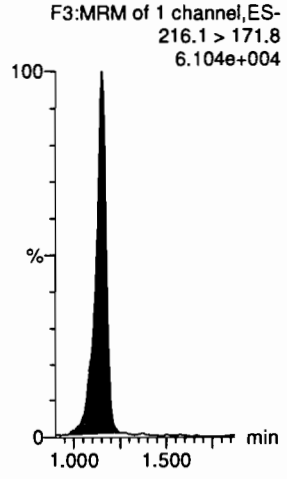
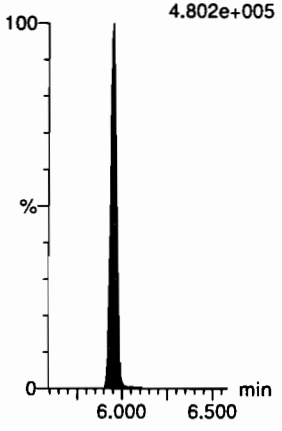


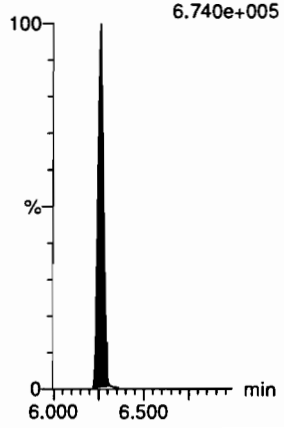
13C3-PFBA-RSD



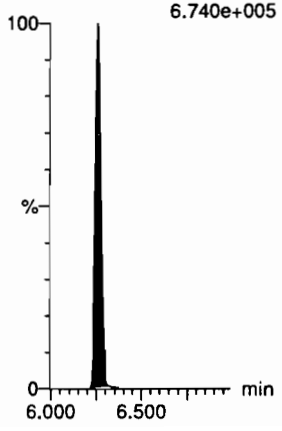
d5-N-ETFOSA-EIS



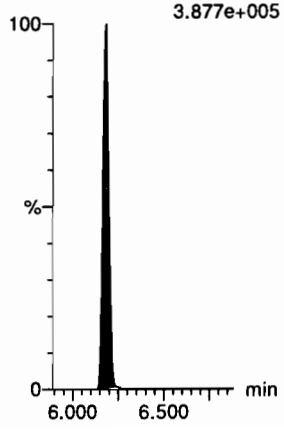
13C2-PFHxDA-EIS



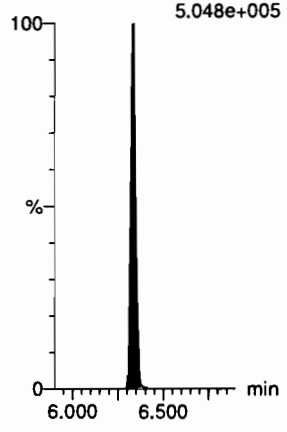
13C2-PFHxDA-EIS



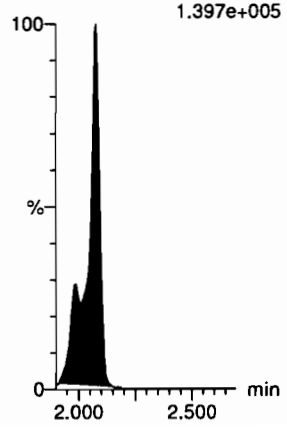
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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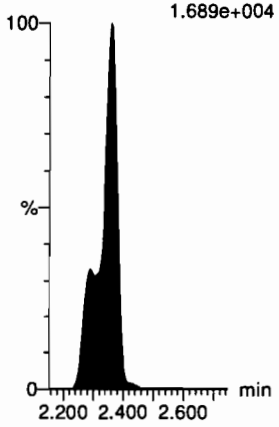
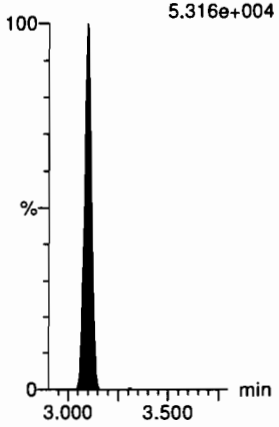
Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

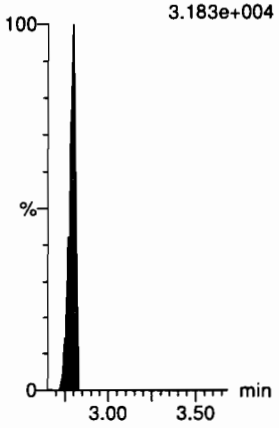
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.689e+004



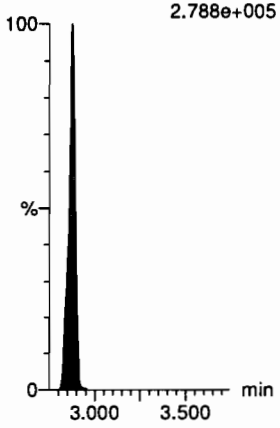
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.316e+004



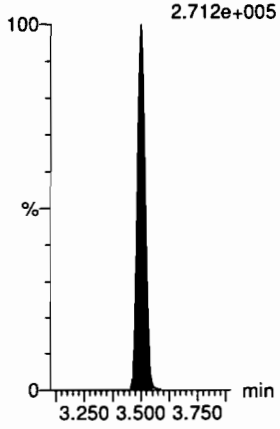
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.183e+004



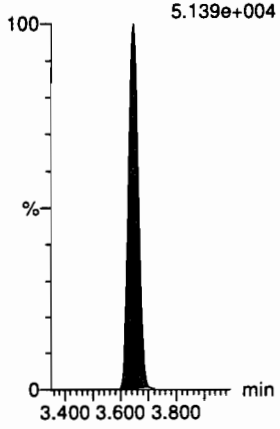
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.788e+005



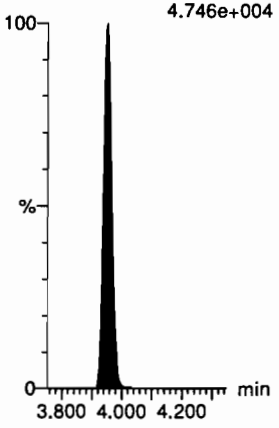
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.712e+005



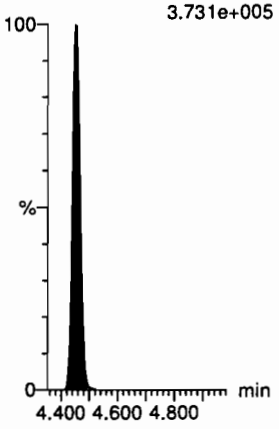
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.139e+004



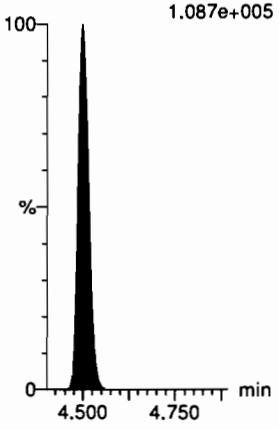
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.746e+004



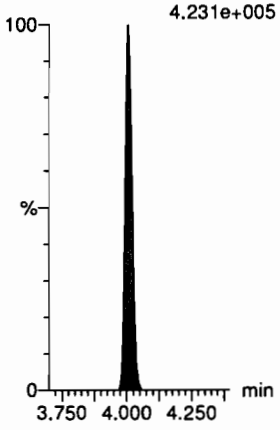
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.731e+005



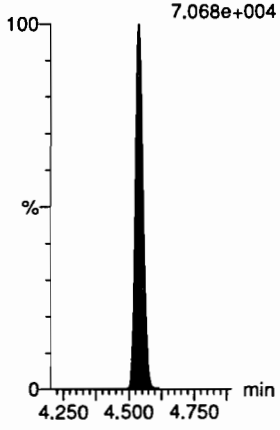
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.087e+005



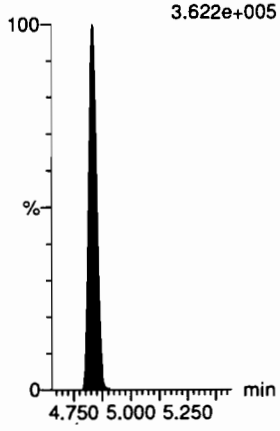
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.231e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.068e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.622e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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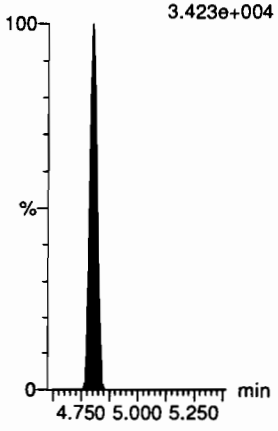
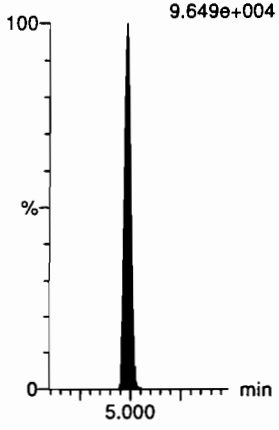
Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

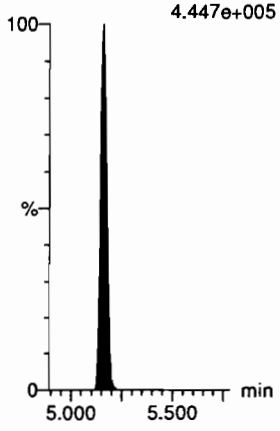
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.423e+004



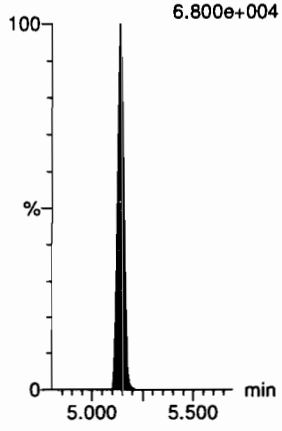
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.649e+004



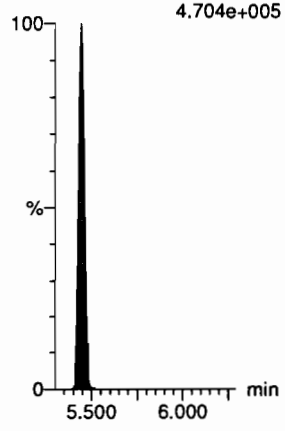
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.447e+005



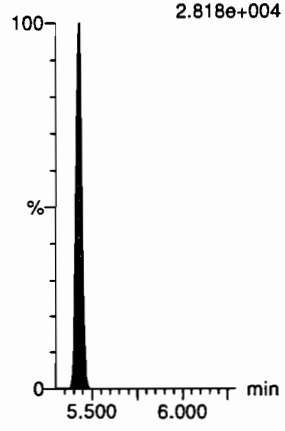
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.800e+004



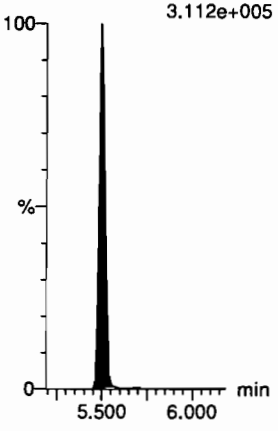
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.704e+005



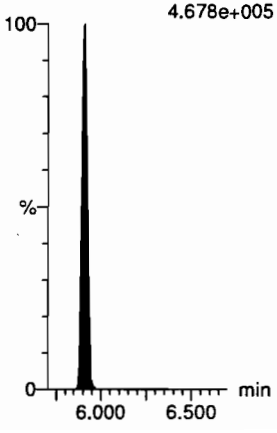
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.818e+004



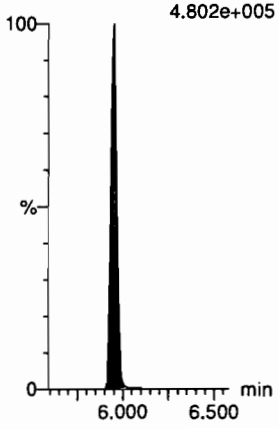
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.112e+005



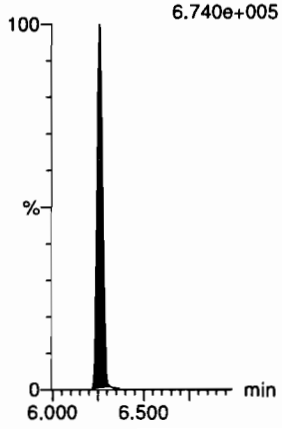
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.678e+005



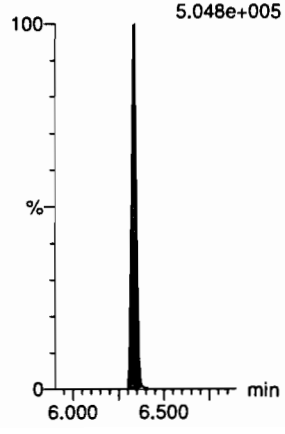
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.802e+005



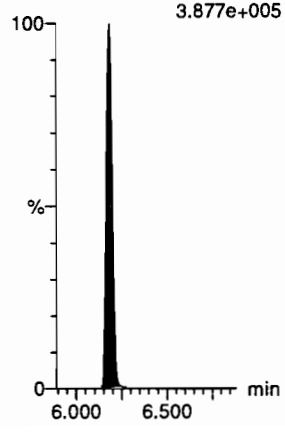
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.740e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.048e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.877e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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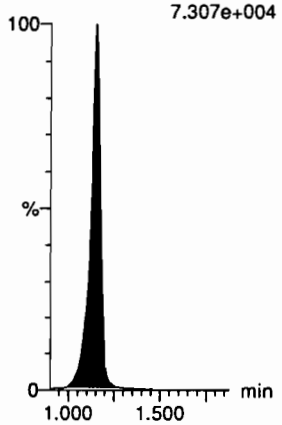
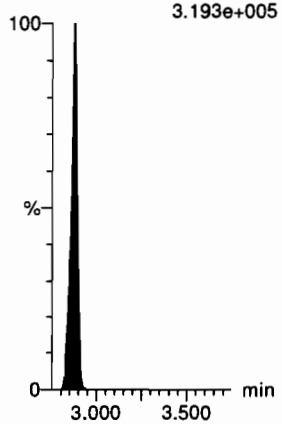
Name: 200608P1-8, Date: 08-Jun-2020, Time: 18:29:18, ID: ST200608P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

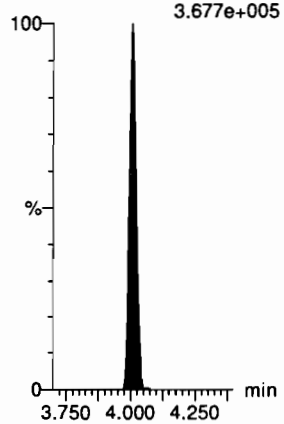
13C4-PFBA



13C5-PFHxA

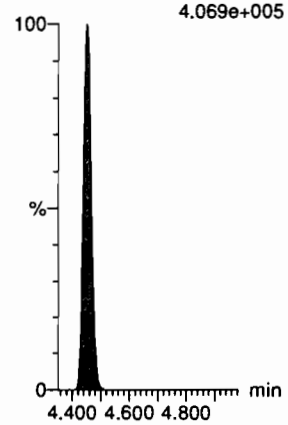


13C8-PFOA

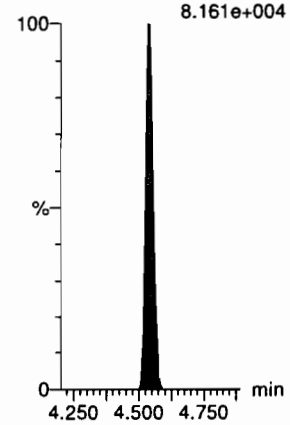


18O2-PFHxS

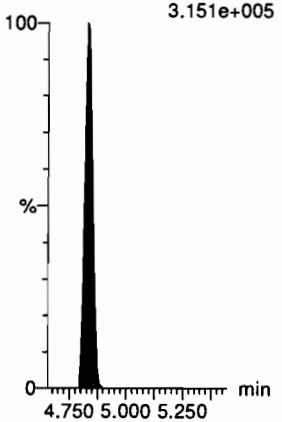
13C9-PFNA



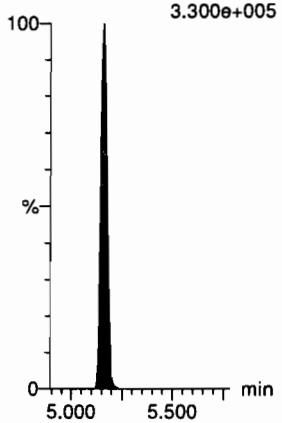
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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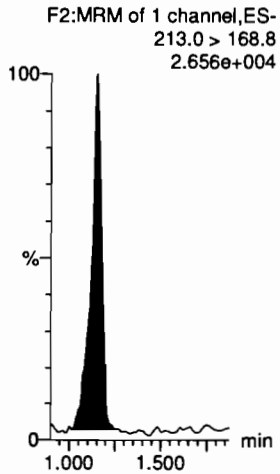
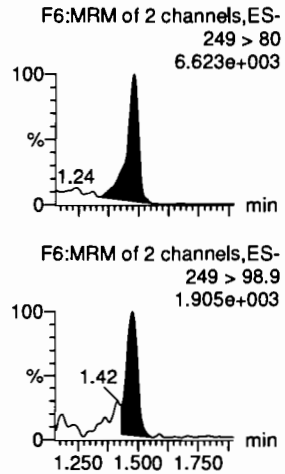
Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

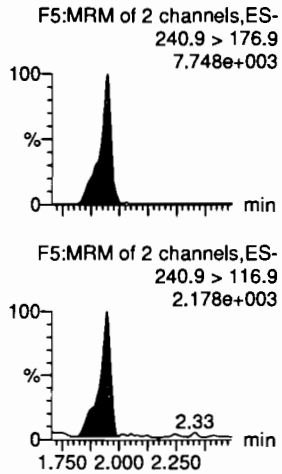
PFBA



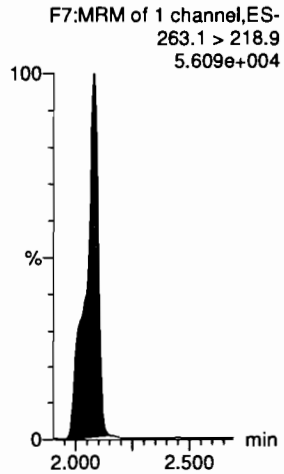
PFPrS



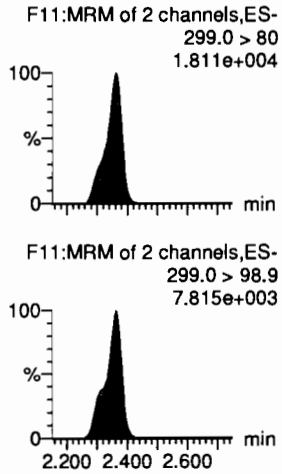
3:3 FTCA



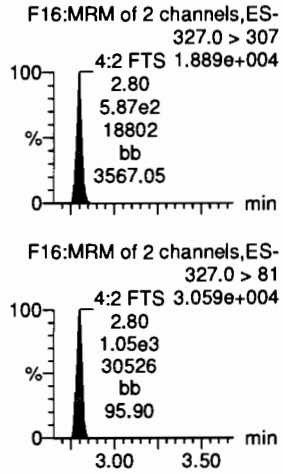
PFPeA



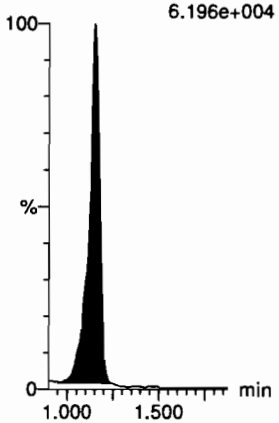
PFBS



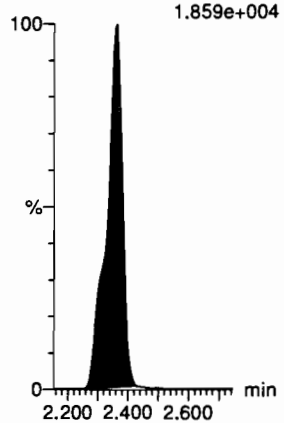
4:2 FTS



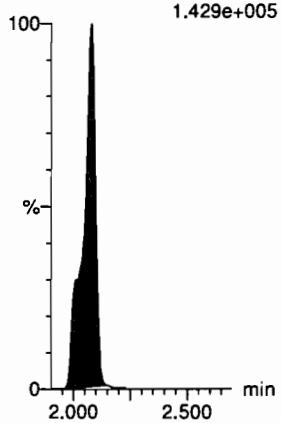
13C3-PFBA-EIS



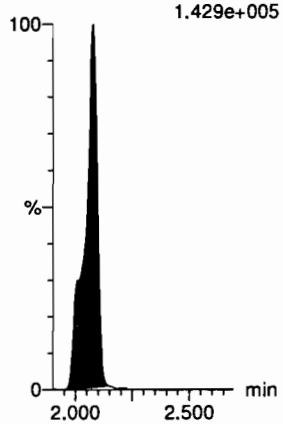
13C3-PFBS-EIS



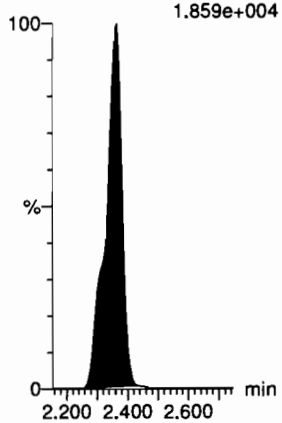
13C3-PFPeA-EIS



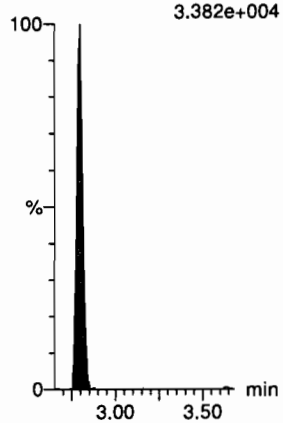
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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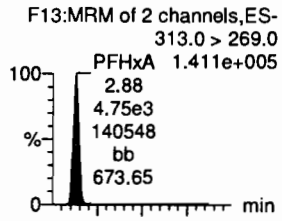
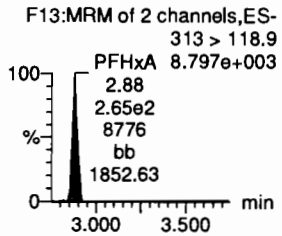
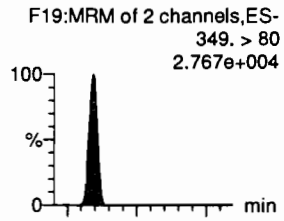
Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

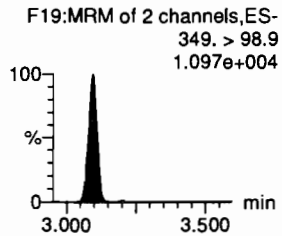
PFHxA



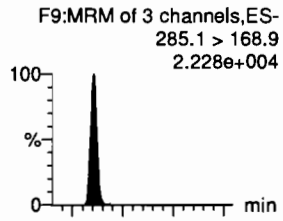


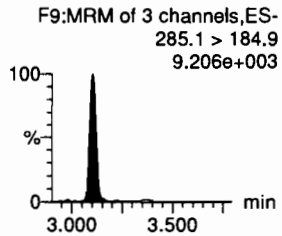
PFPeS



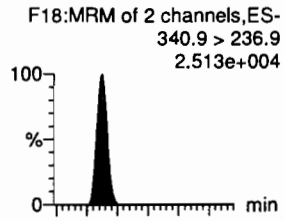


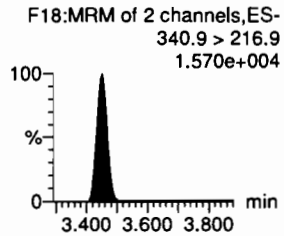
HFPO-DA





5:3 FTCA





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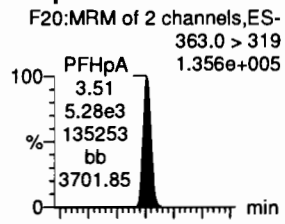

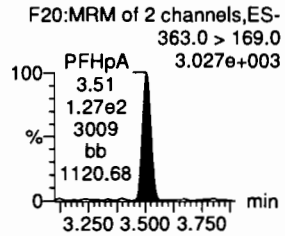

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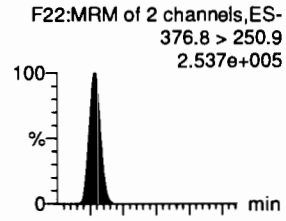
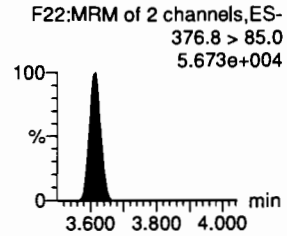
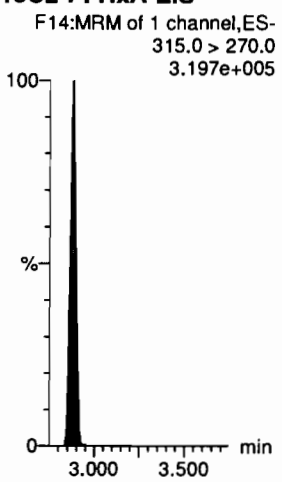
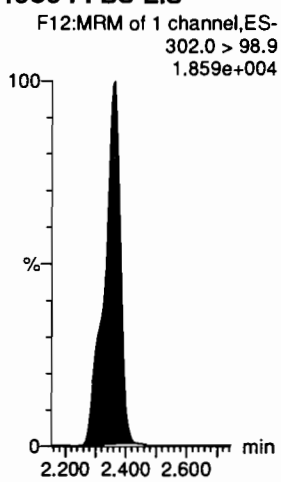




13C2-PFHxA-EIS



13C3-PFBS-EIS



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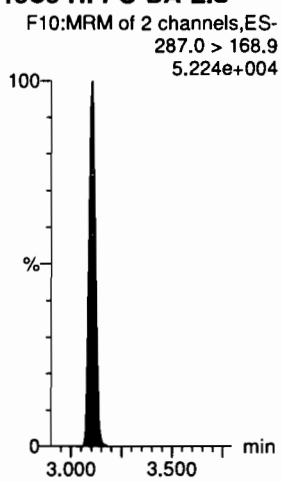

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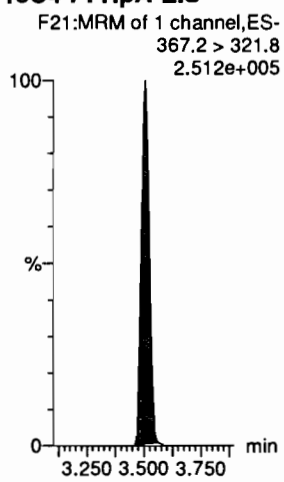

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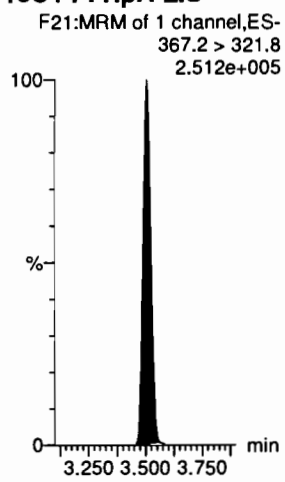

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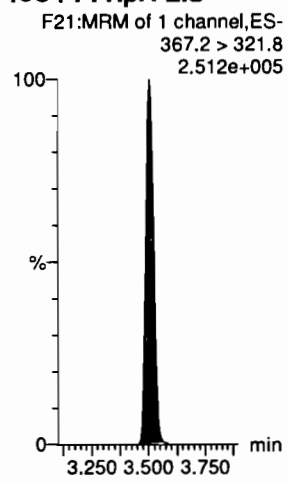

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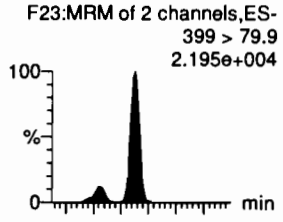
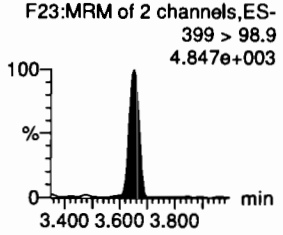
Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

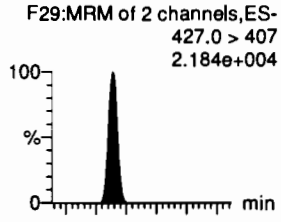
Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

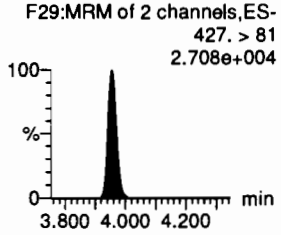
L-PFHxS





6:2 FTS





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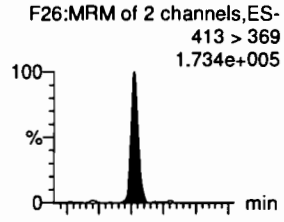

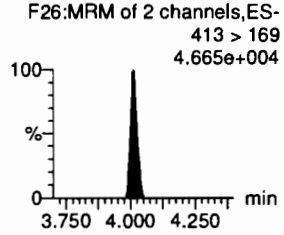

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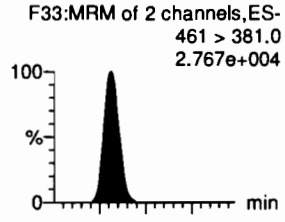

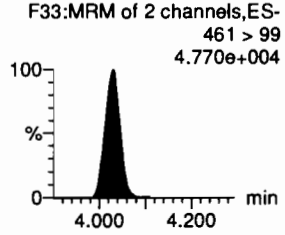

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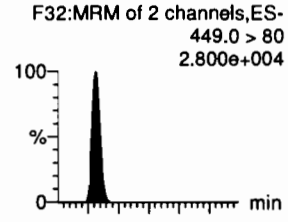
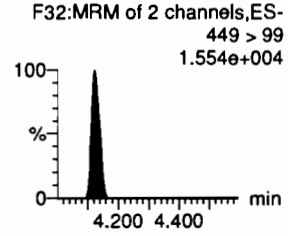
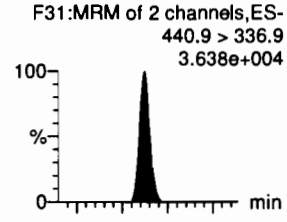
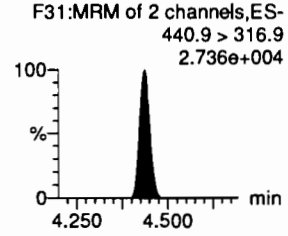


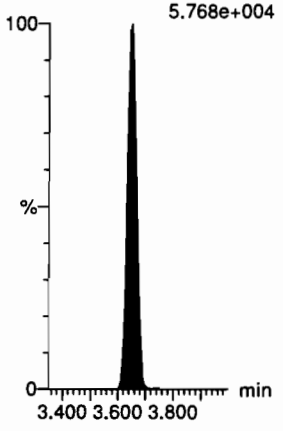


7:3 FTCA





13C3-PFHxS-EIS



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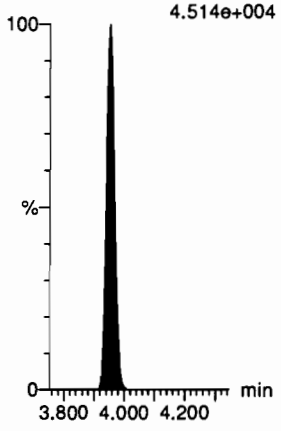

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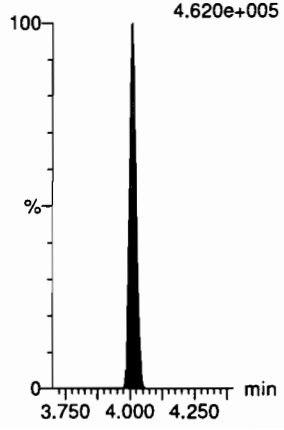

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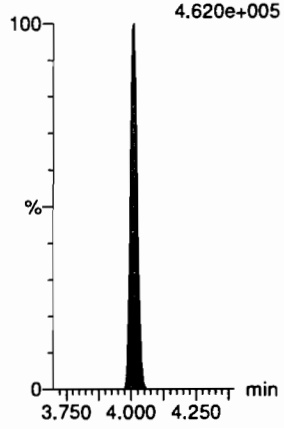
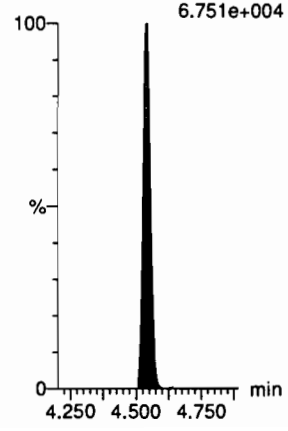
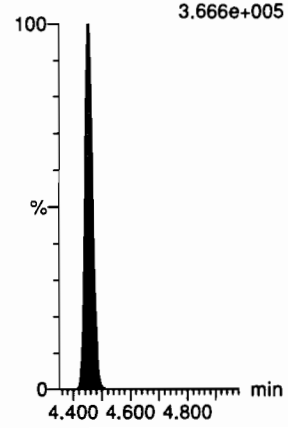


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

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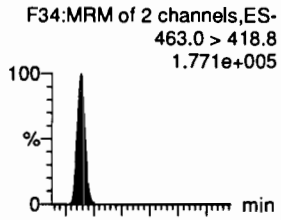

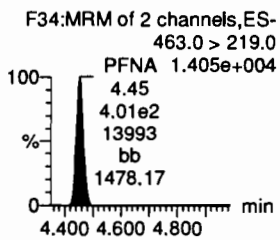

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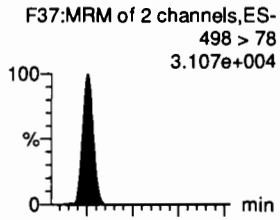
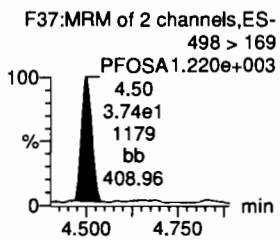
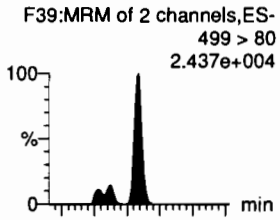
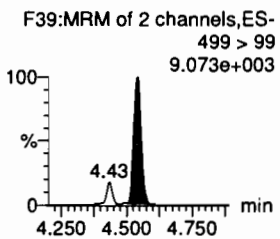




L-PFOS





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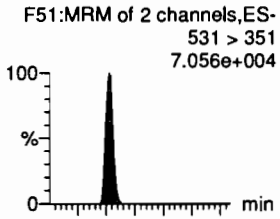

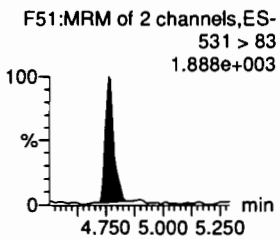

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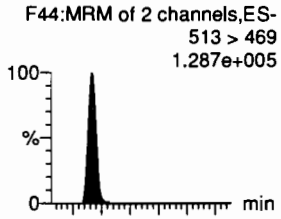
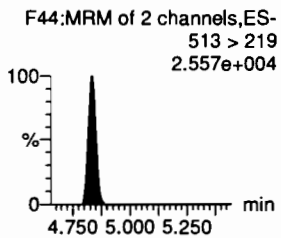
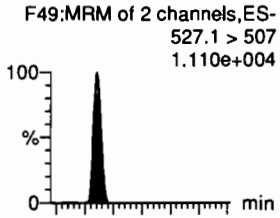
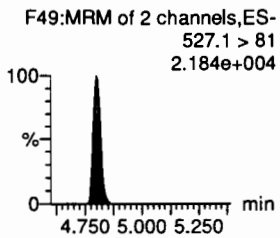




8:2 FTS





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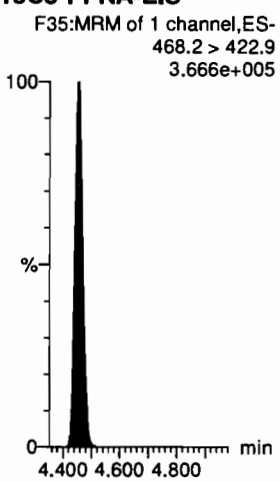

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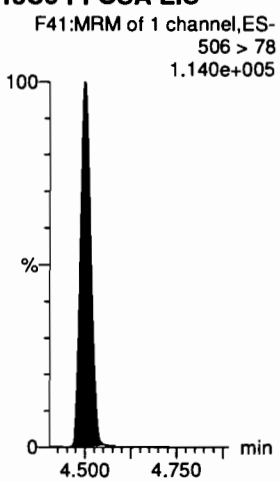

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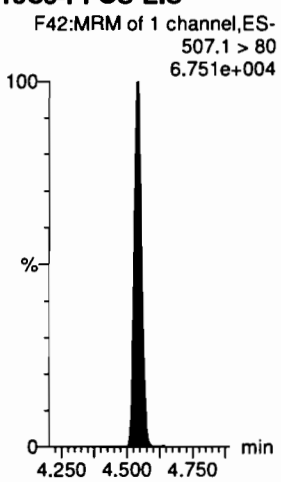

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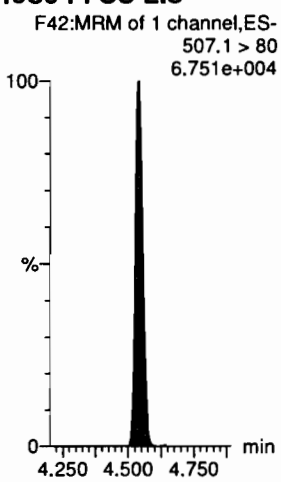

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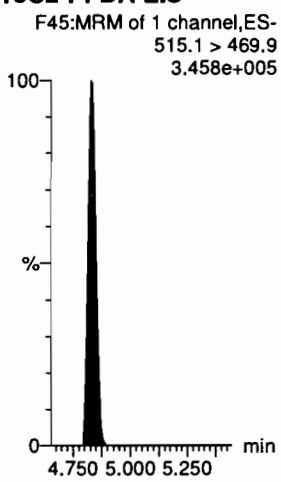

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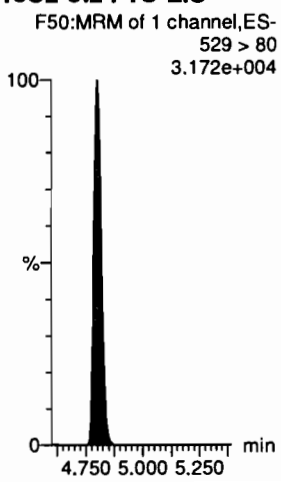

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Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

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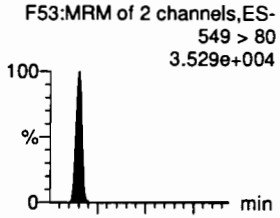

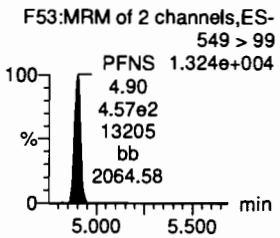

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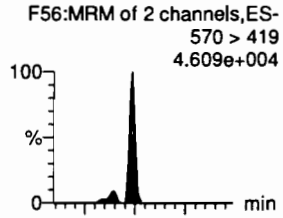

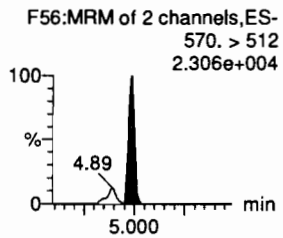

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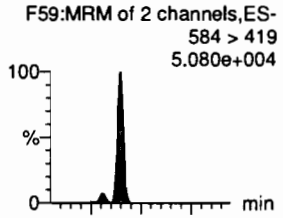

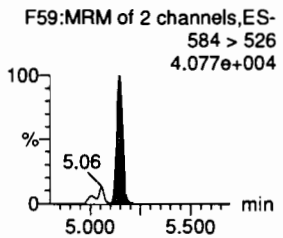

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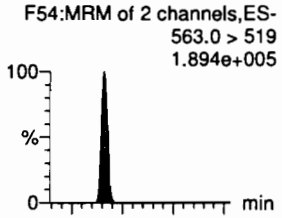
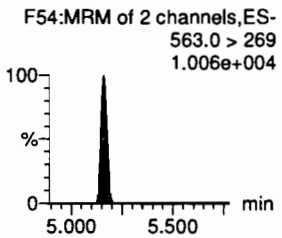
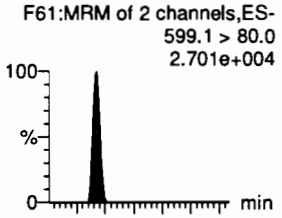
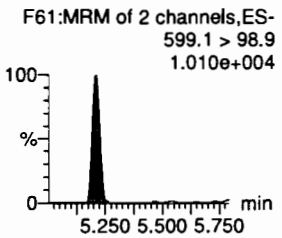


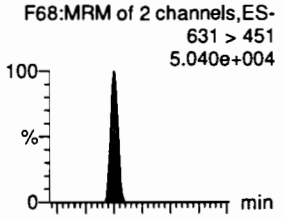


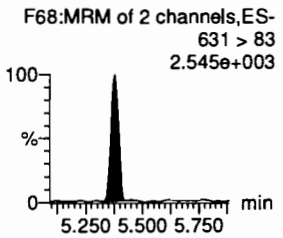
PFDS



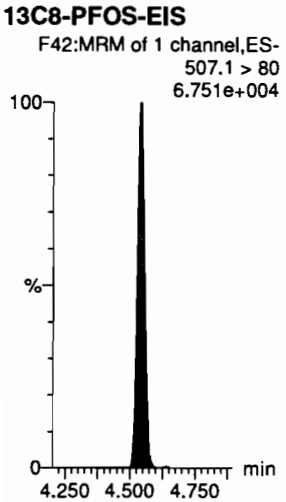


11Cl-PF30UdS

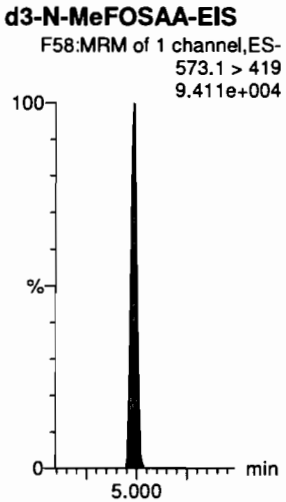




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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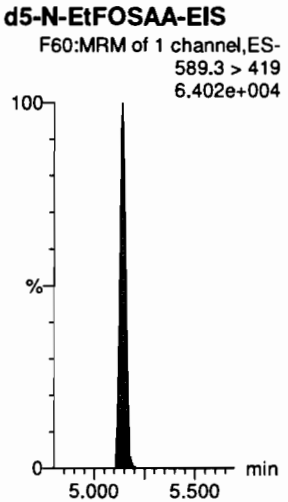
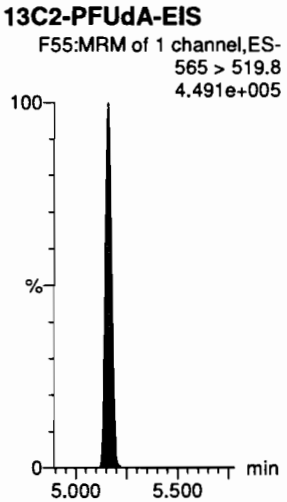
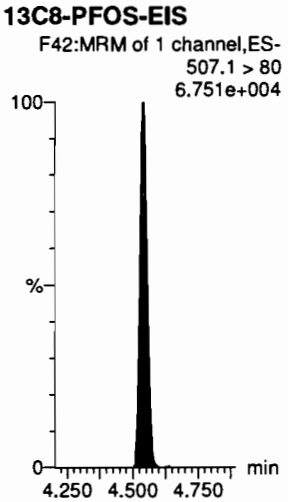


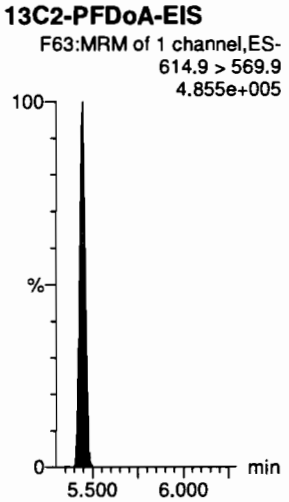
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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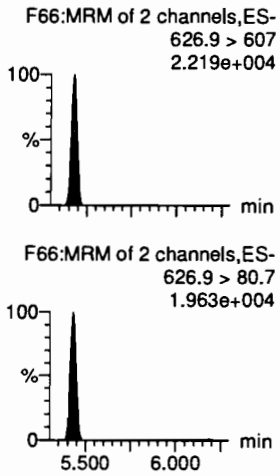
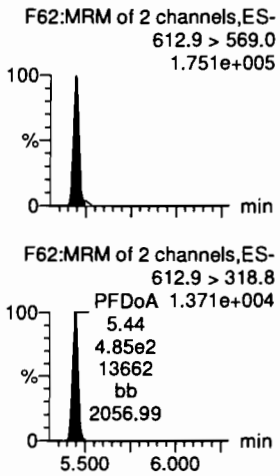
Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

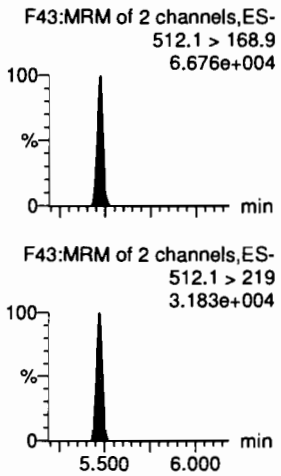
10:2 FTS



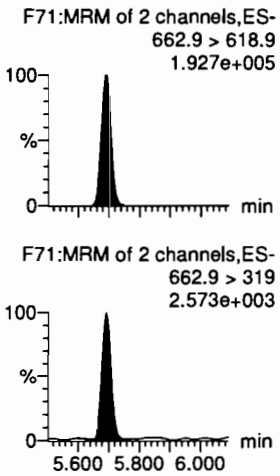
PFDoA



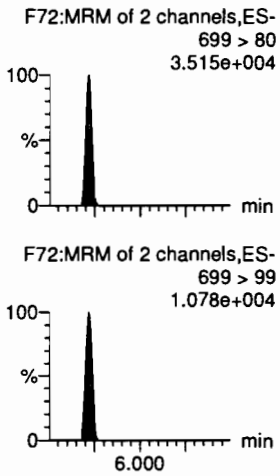
N-MeFOSA



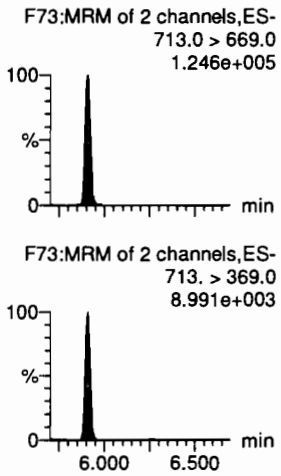
PFTrDA



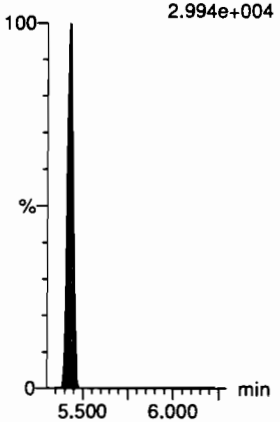
PFDoS



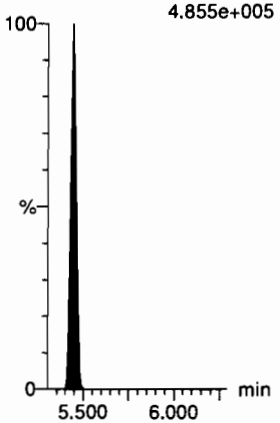
PFTeDA



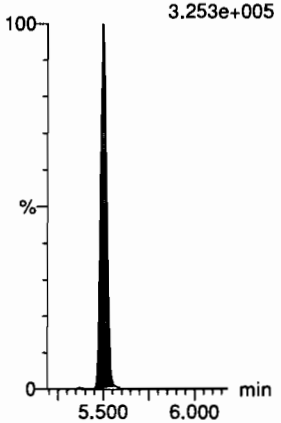
13C2-10:2 FTS-EIS



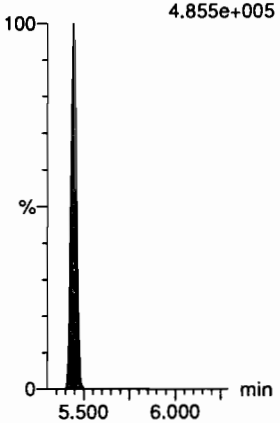
13C2-PFDoA-EIS



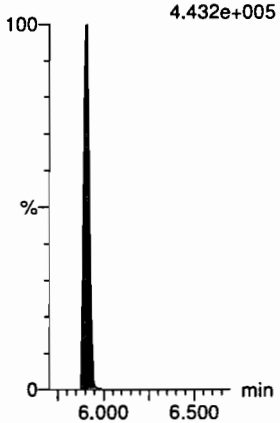
d3-N-MeFOSA-EIS



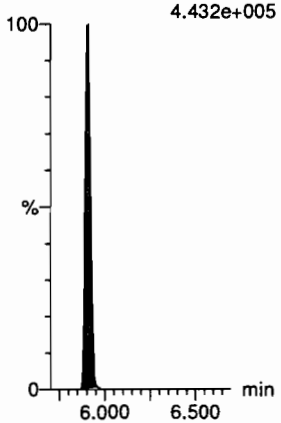
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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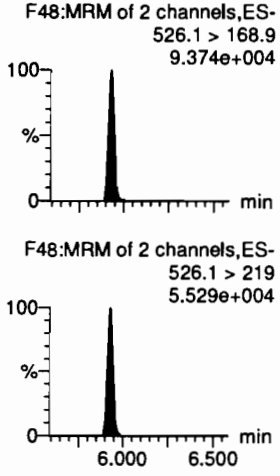
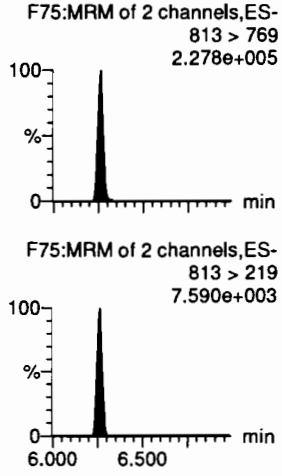
Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

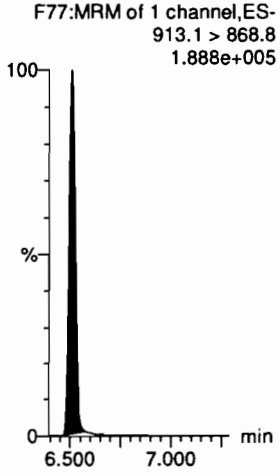
N-EtFOSA



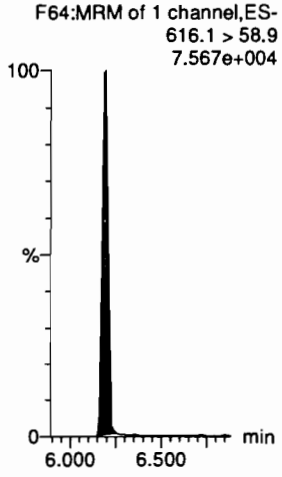
PFHxDA



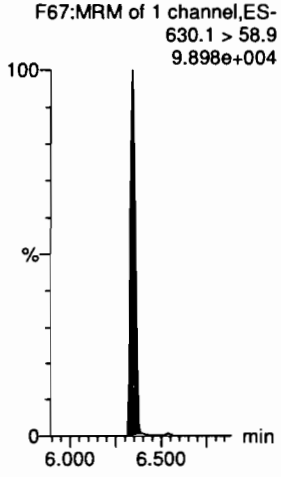
PFODA



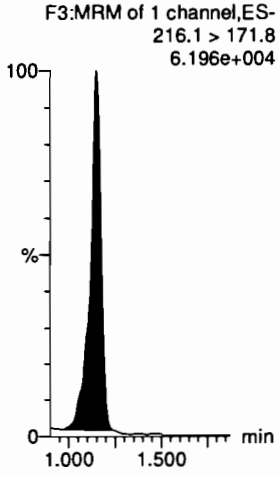
N-MeFOSE



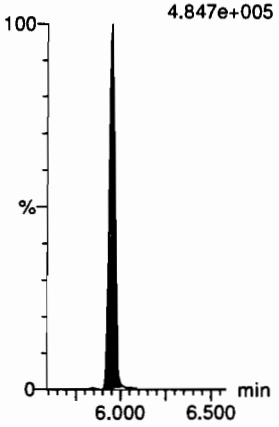
N-EtFOSE



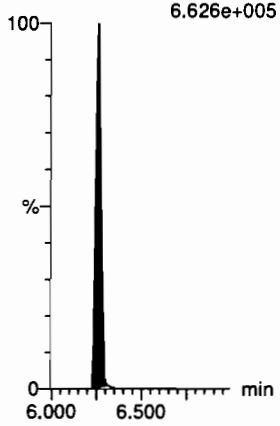
13C3-PFBA-RSD



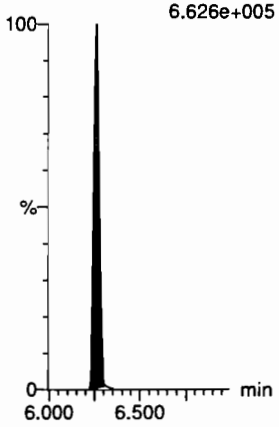
d5-N-ETFOSA-EIS



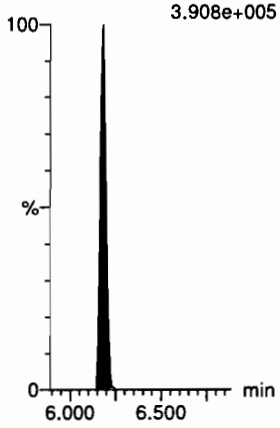
13C2-PFHxDA-EIS



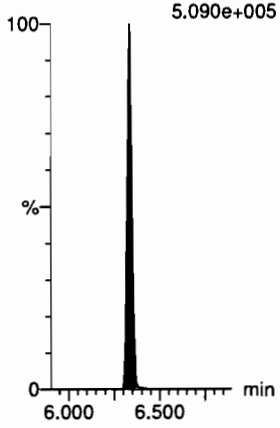
13C2-PFHxDA-EIS



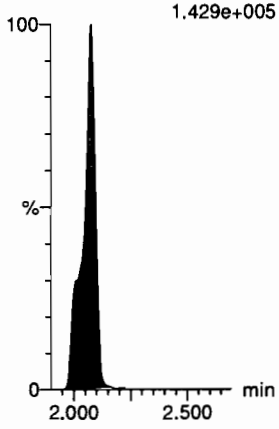
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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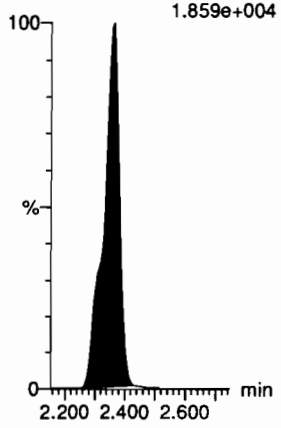
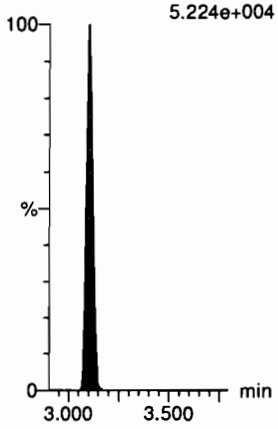
Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

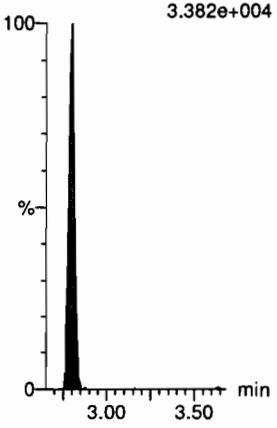
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.859e+004



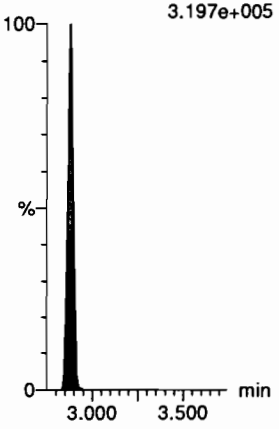
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.224e+004



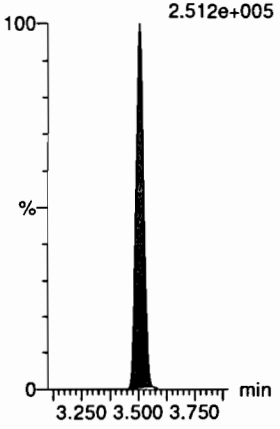
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.382e+004



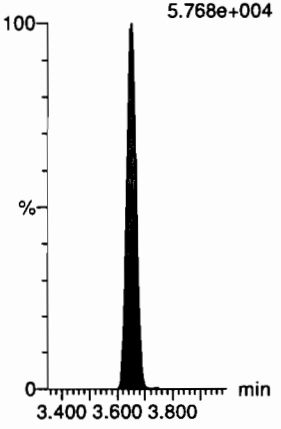
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.197e+005



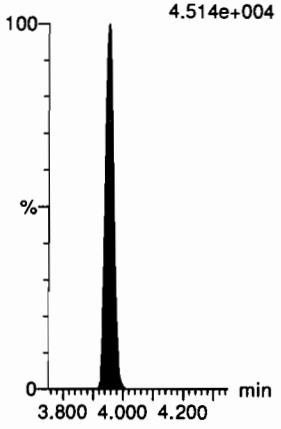
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.512e+005



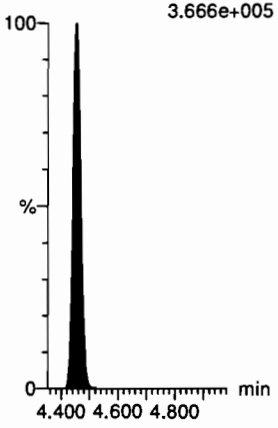
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.768e+004



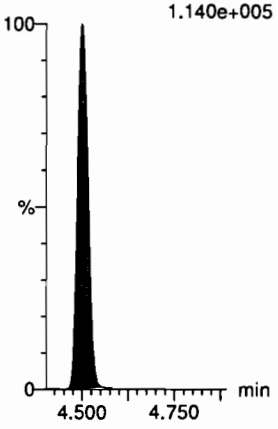
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.514e+004



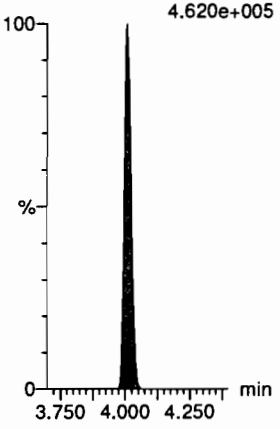
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.666e+005



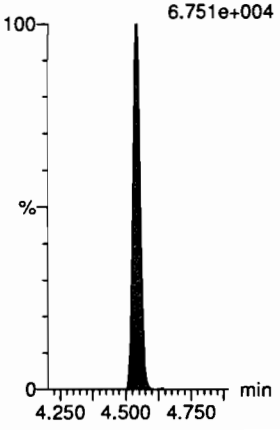
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.140e+005



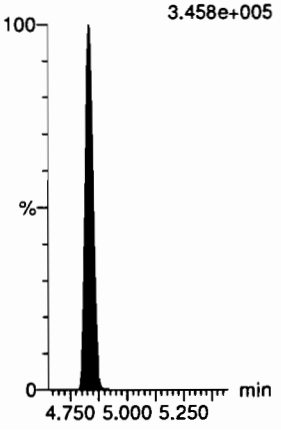
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.620e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.751e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.458e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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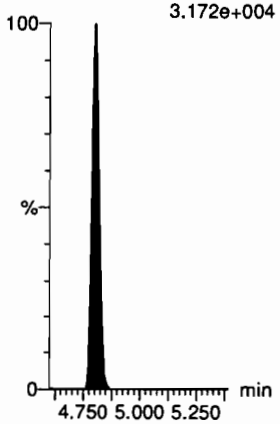
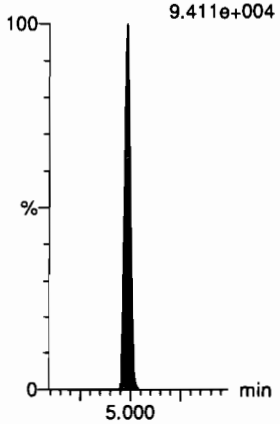
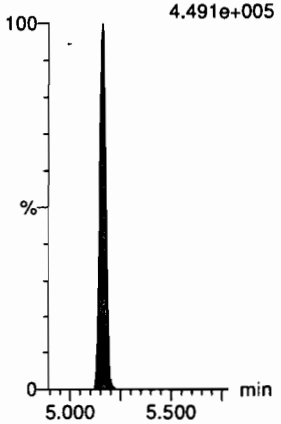
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.172e+004



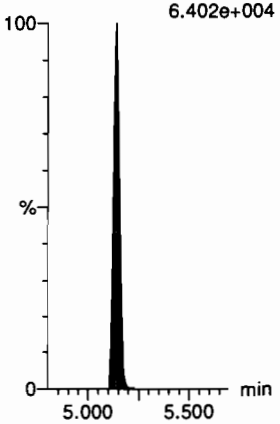
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.411e+004



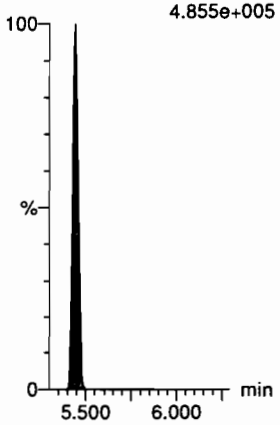
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.491e+005



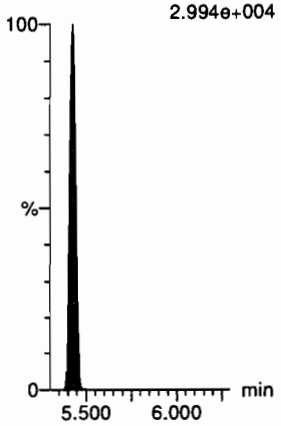
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.402e+004



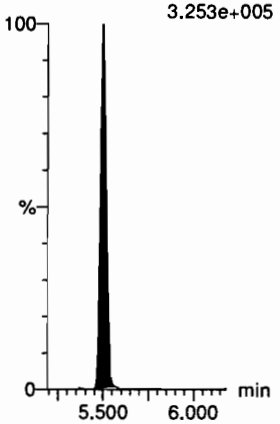
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.855e+005



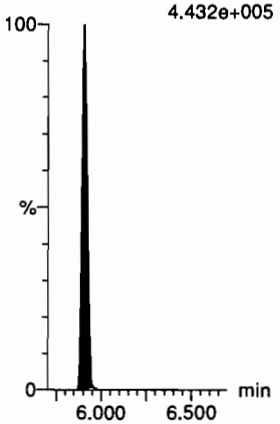
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.994e+004



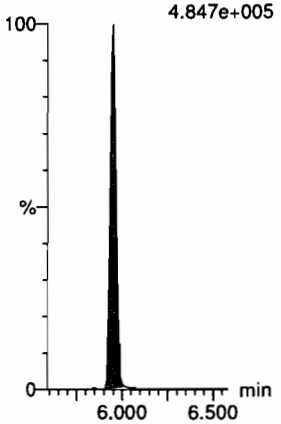
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.253e+005



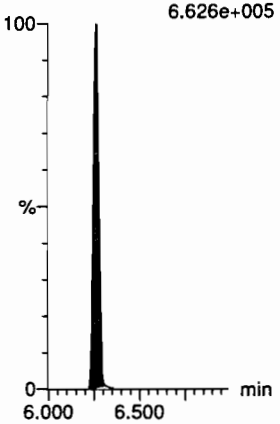
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.432e+005



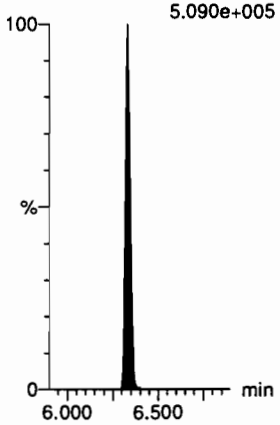
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.847e+005



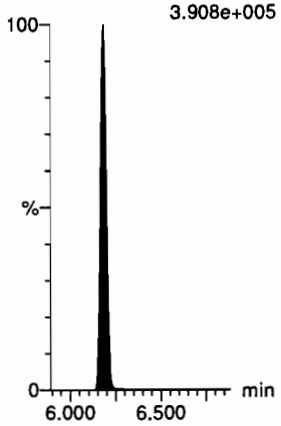
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.626e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.090e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.908e+005



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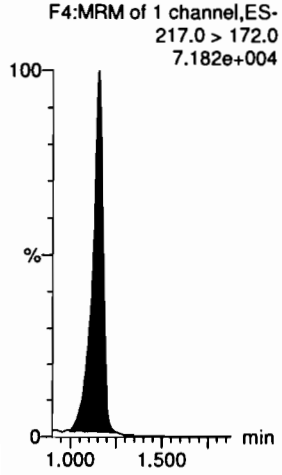
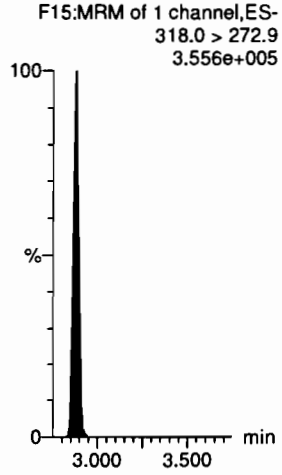
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-9, Date: 08-Jun-2020, Time: 18:39:50, ID: ST200608P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

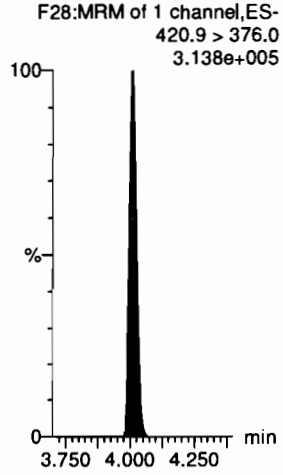
13C4-PFBA



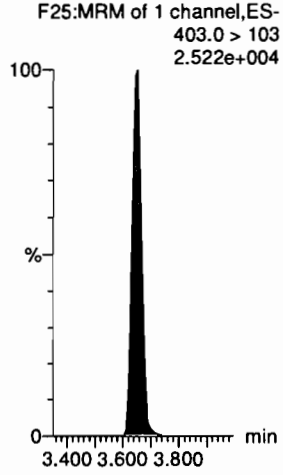
13C5-PFHxA



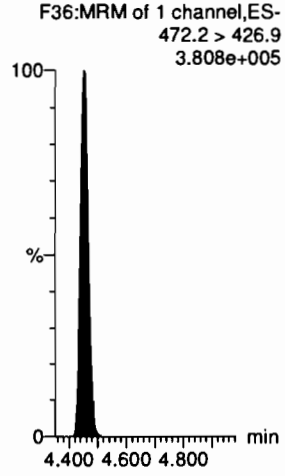
13C8-PFOA



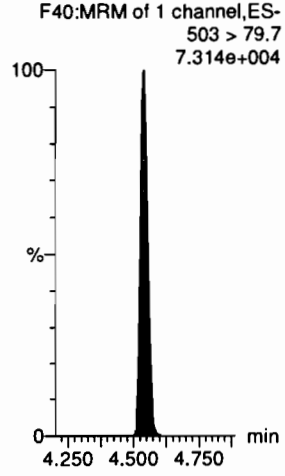
18O2-PFHxS



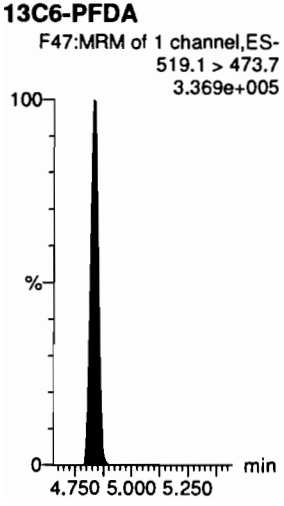
13C9-PFNA



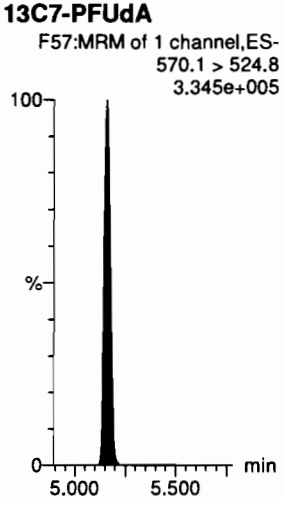
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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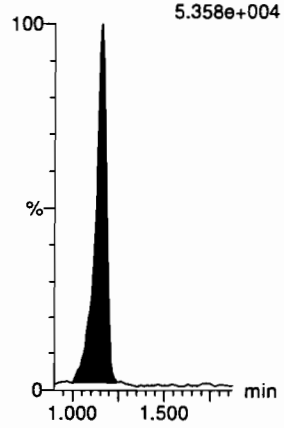
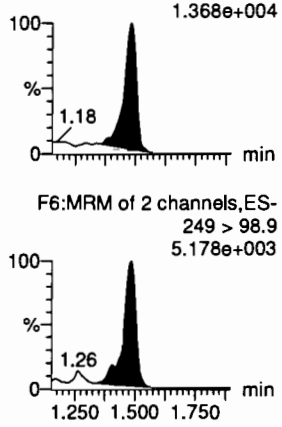
Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

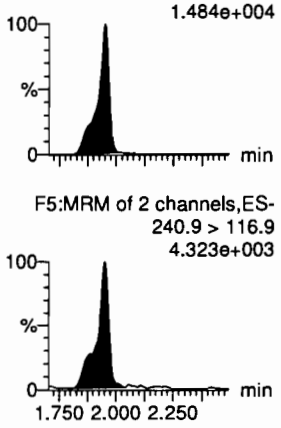
PFBA



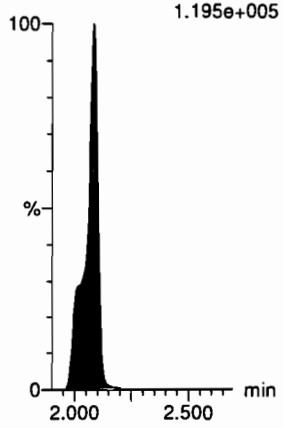
PFPrS



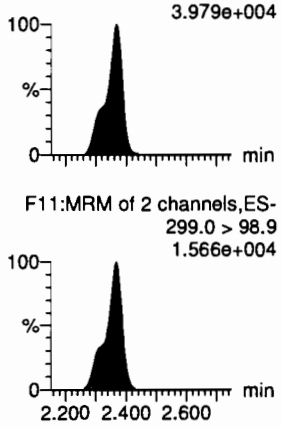
3:3 FTCA



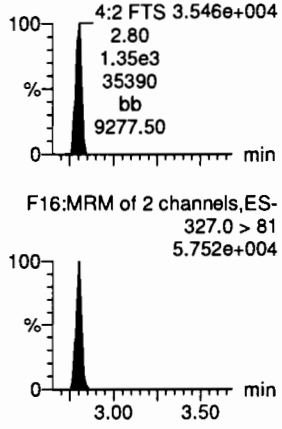
PFPeA



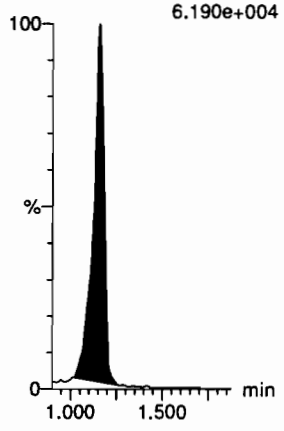
PFBS



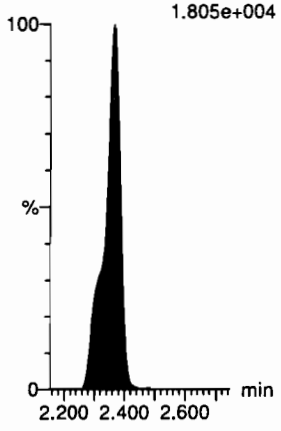
4:2 FTS



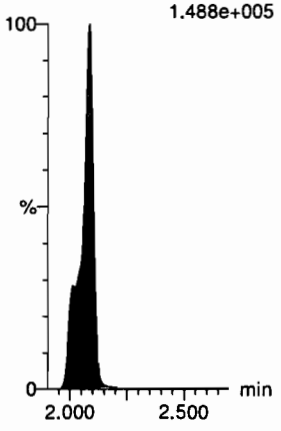
13C3-PFBA-EIS



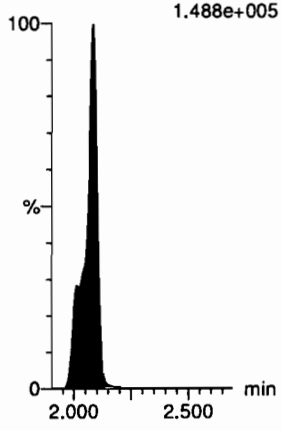
13C3-PFBS-EIS



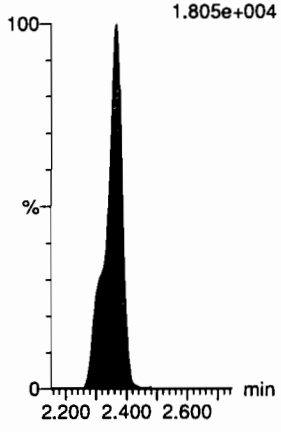
13C3-PFPeA-EIS



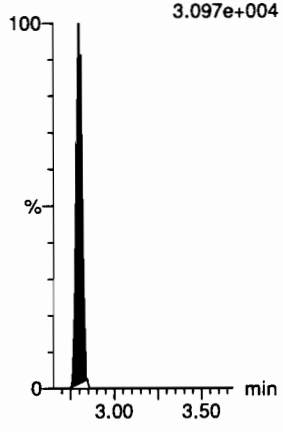
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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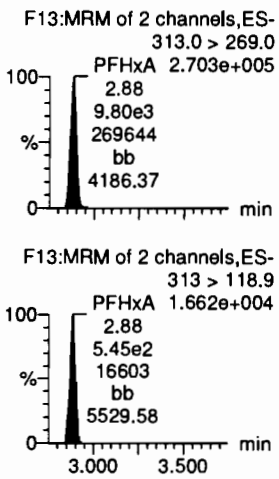
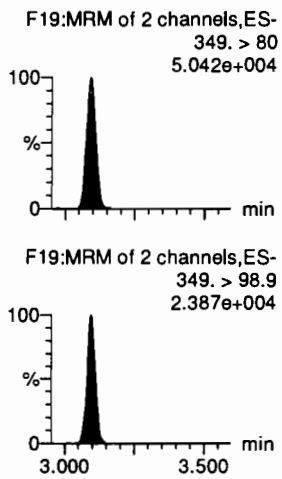
Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

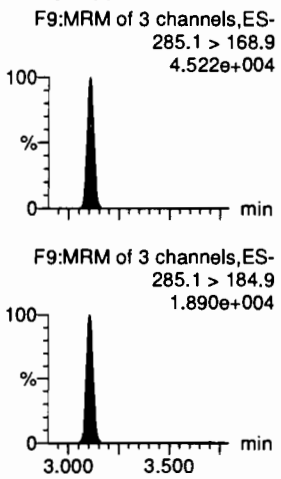
PFHxA



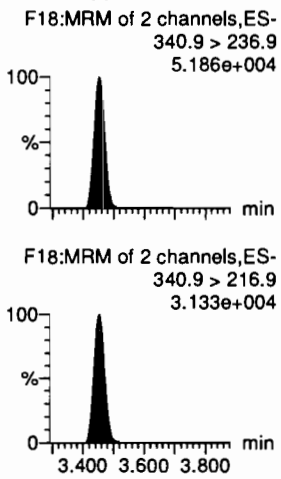
PFPeS



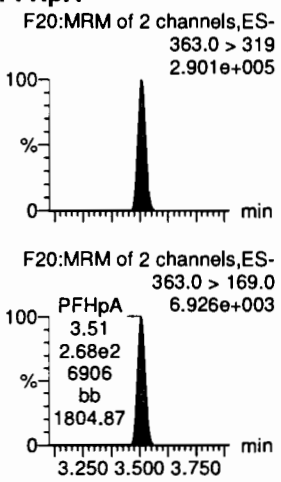
HFPO-DA



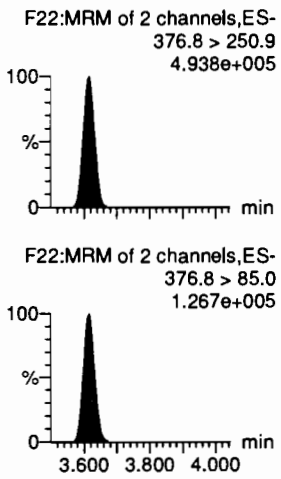
5:3 FTCA



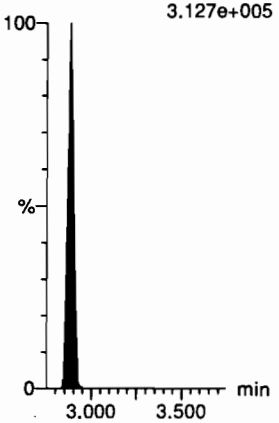
PFHpA



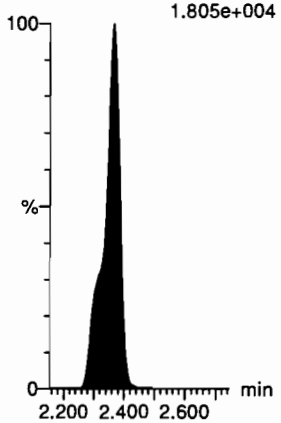
ADONA



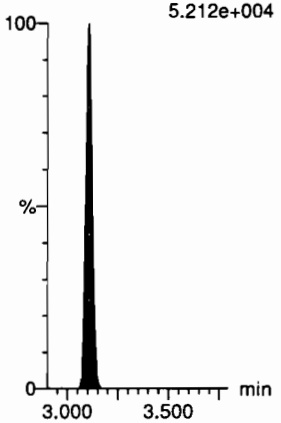
13C2-PFHxA-EIS



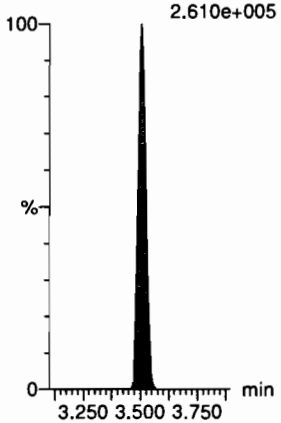
13C3-PFBS-EIS



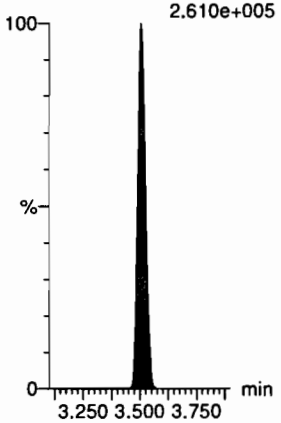
13C3-HFPO-DA-EIS



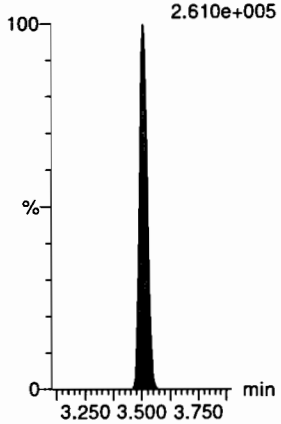
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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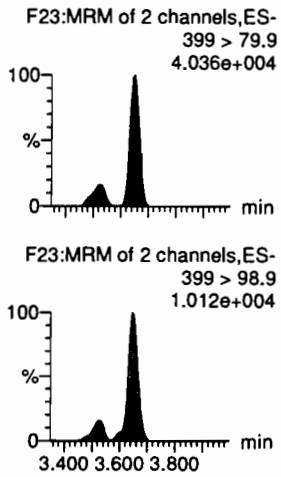
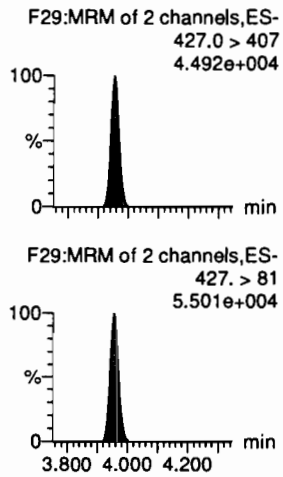
Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

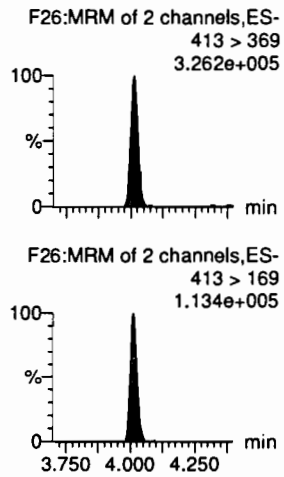
L-PFHxS



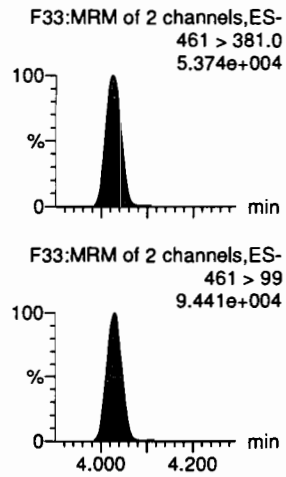
6:2 FTS



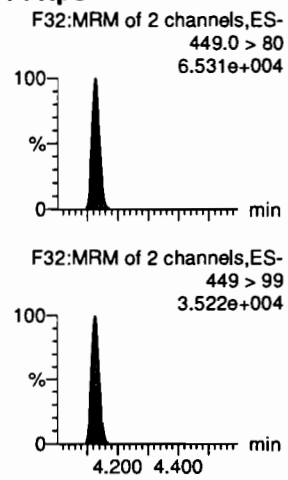
L-PFOA



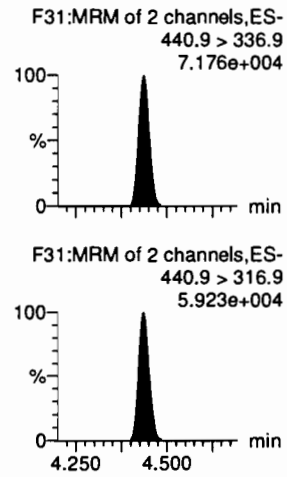
PFEChS



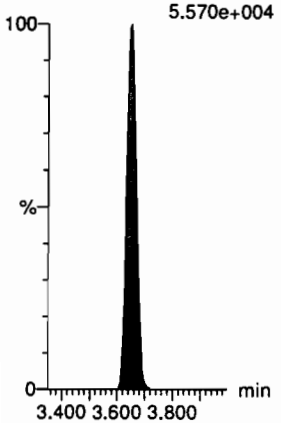
PFHpS



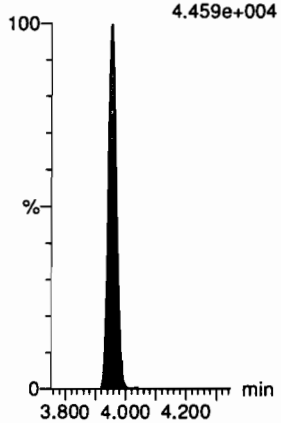
7:3 FTCA



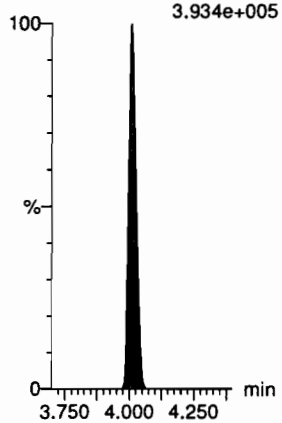
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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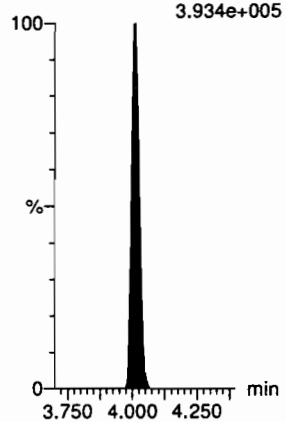
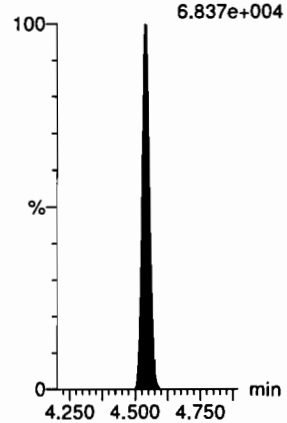
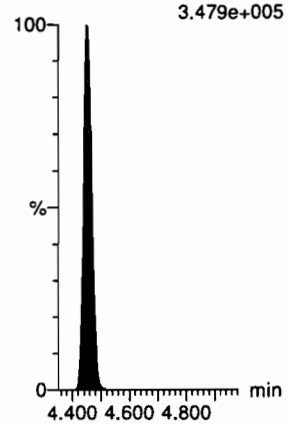


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

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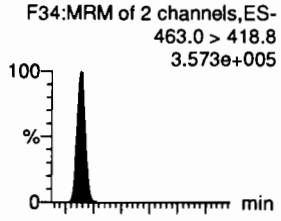

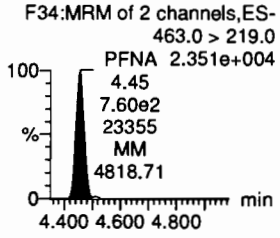

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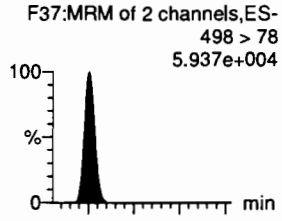
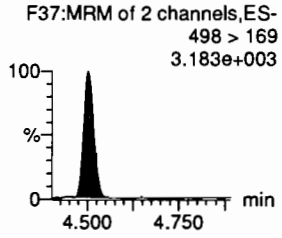
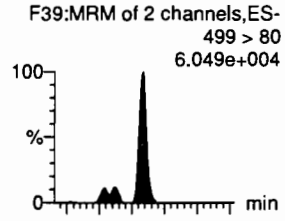
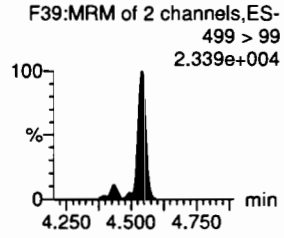


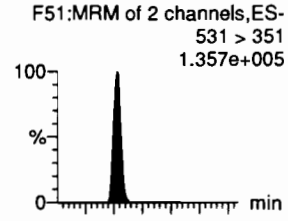


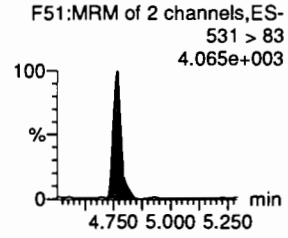
L-PFOS





9Cl-PF30NS





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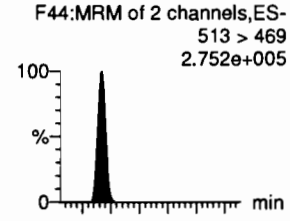
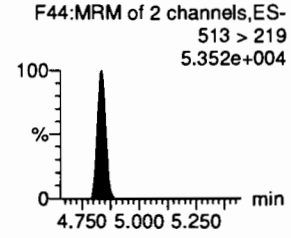
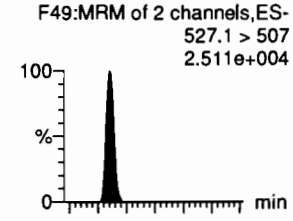
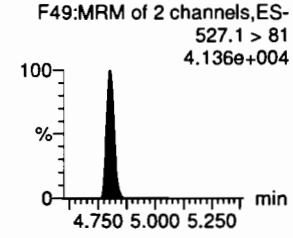


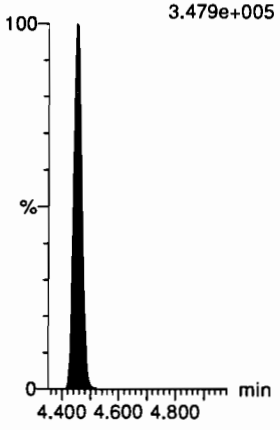


8:2 FTS

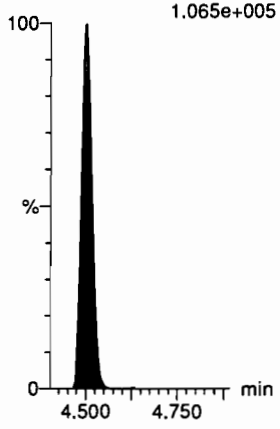




13C5-PFNA-EIS



13C8-PFOSA-EIS



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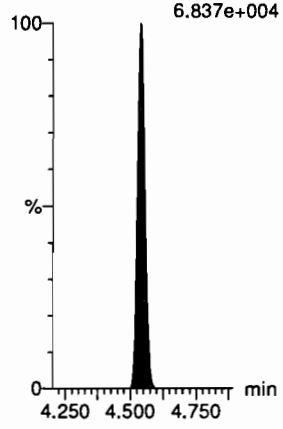

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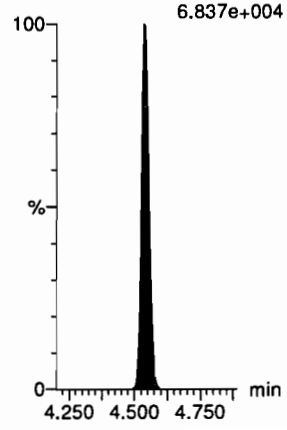
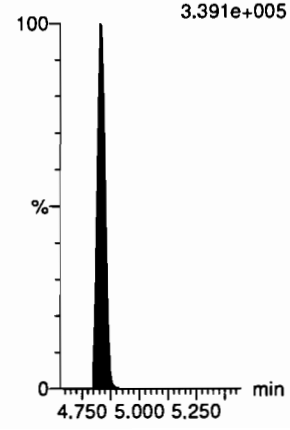
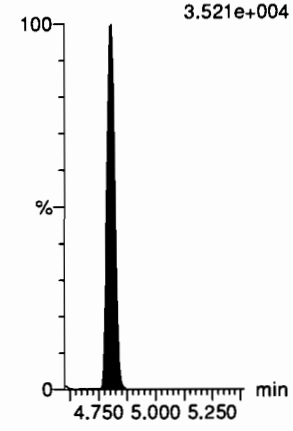


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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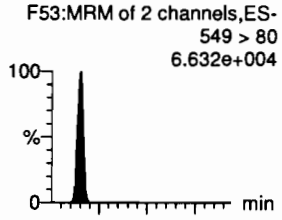
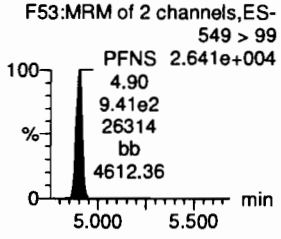
Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNS





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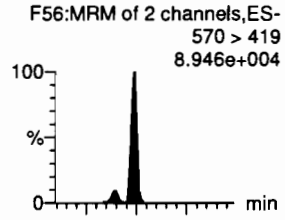

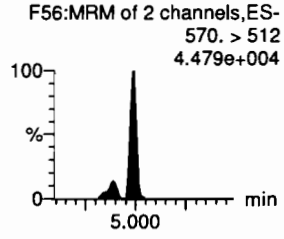

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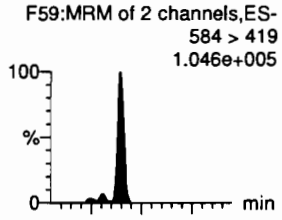
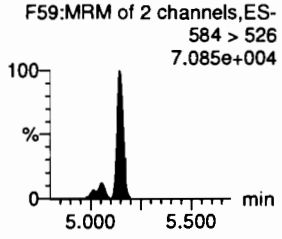
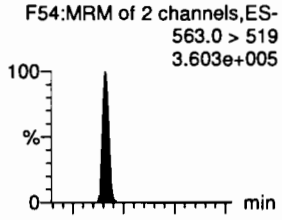
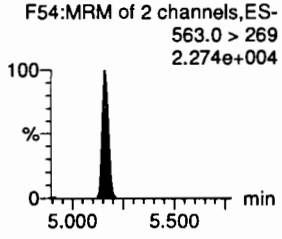




PFUdA





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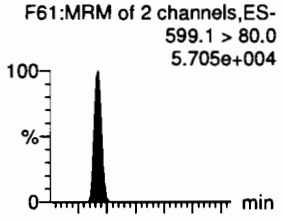
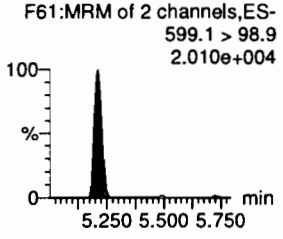
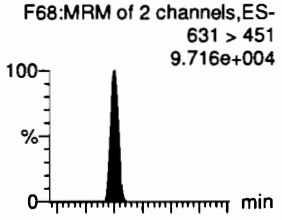
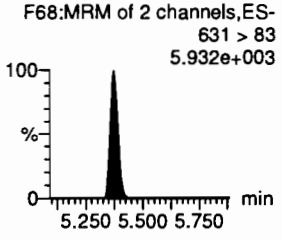


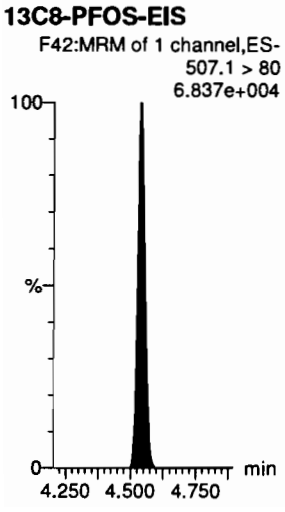


11Cl-PF30UdS

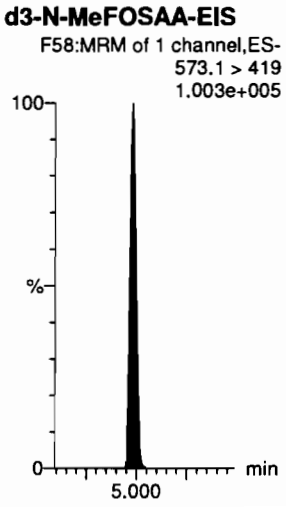




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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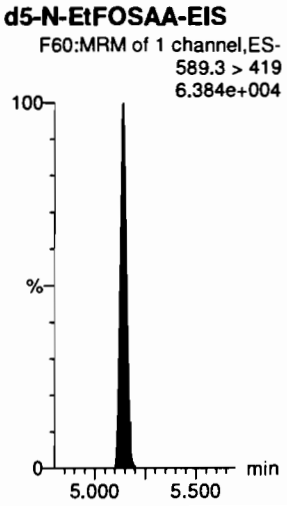
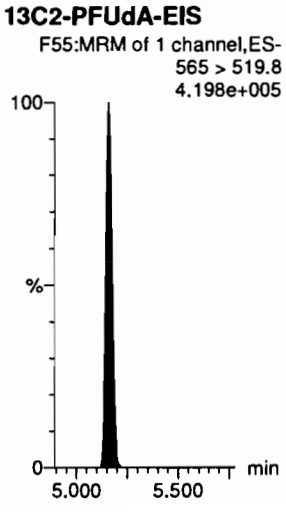


13C2-PFUdA-EIS



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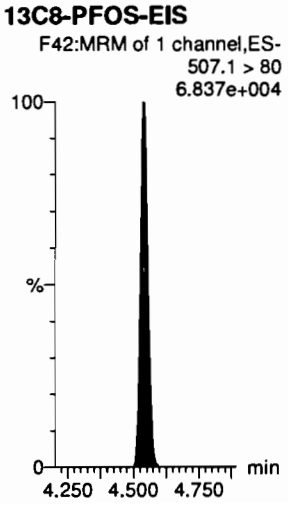

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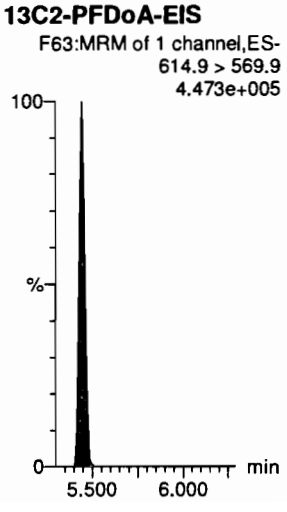

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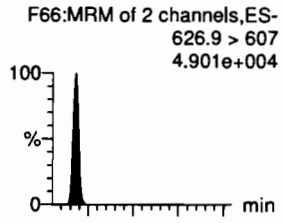
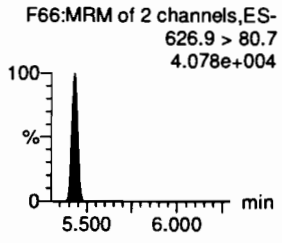
Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

10:2 FTS





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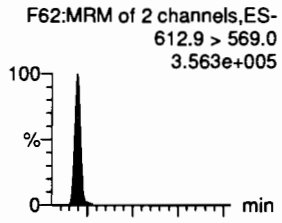
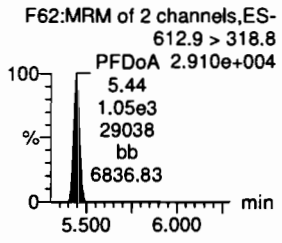
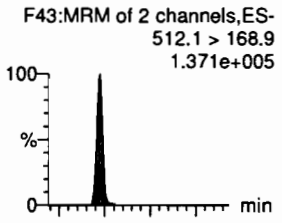
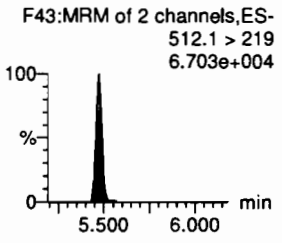


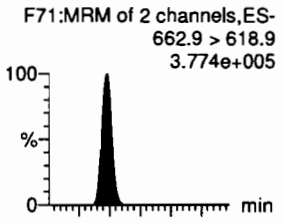


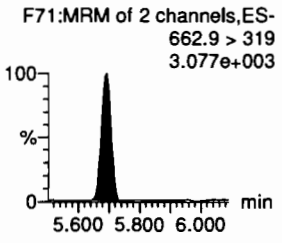
N-MeFOSA



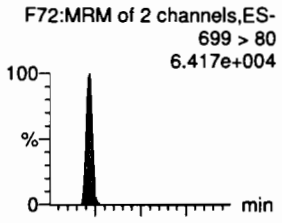


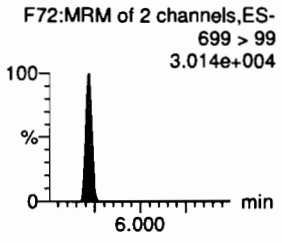
PFTrDA





PFDoS





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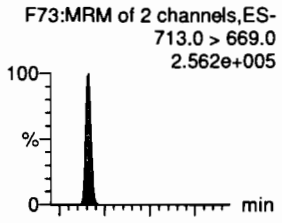
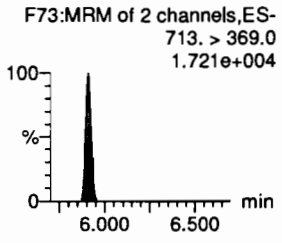
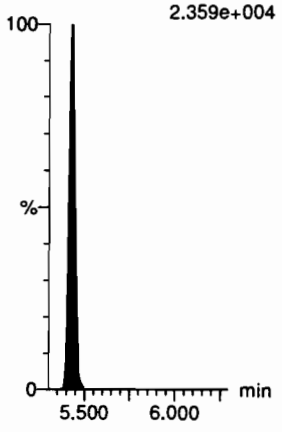
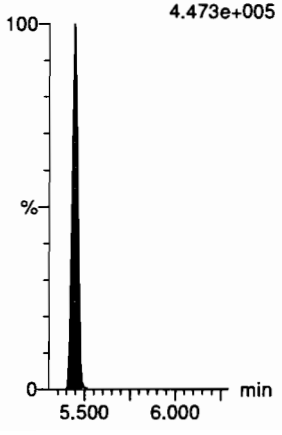




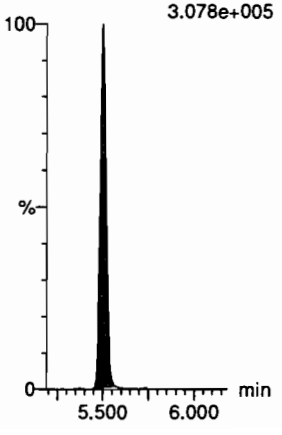
13C2-10:2 FTS-EIS



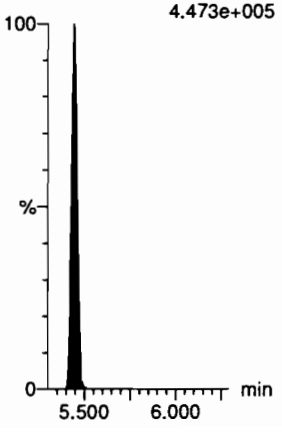
13C2-PFDoA-EIS



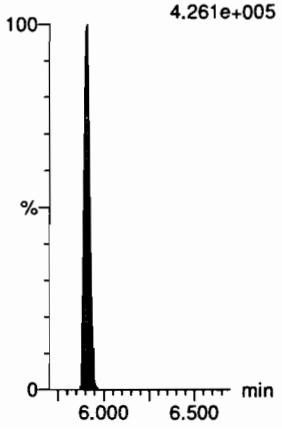
d3-N-MeFOSA-EIS



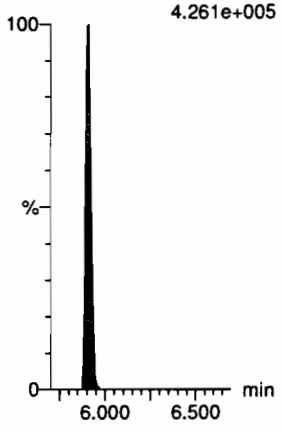
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

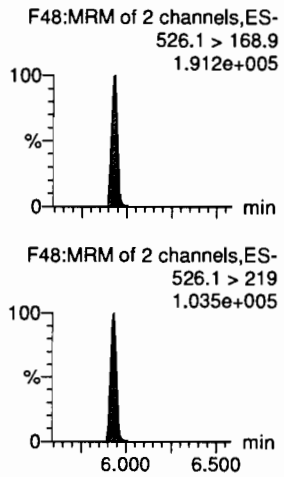


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

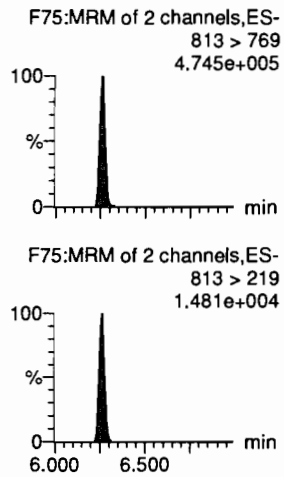
Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

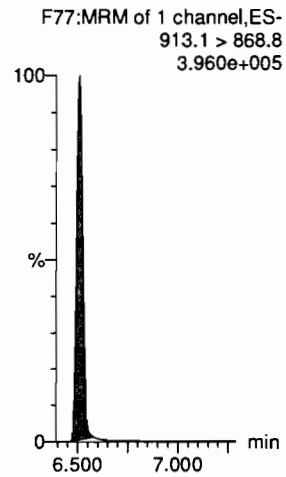
N-EtFOSA



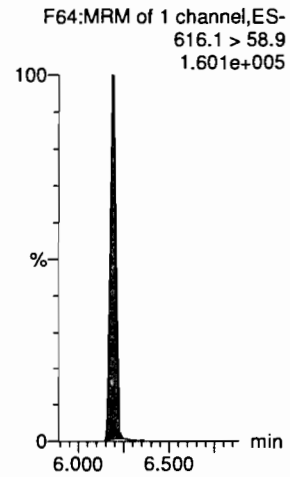
PFHxDA



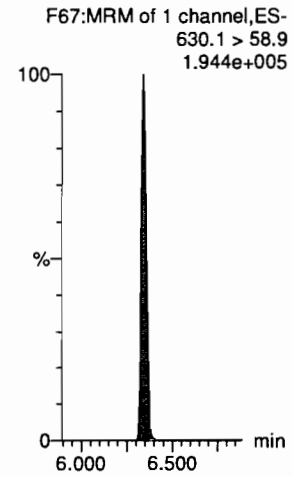
PFODA



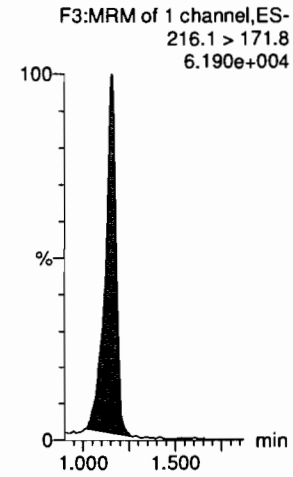
N-MeFOSE



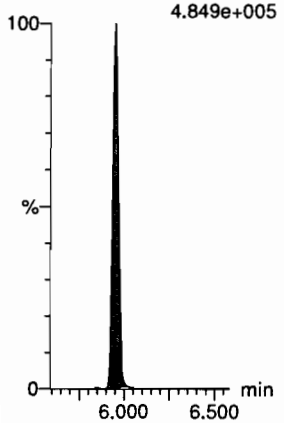
N-EtFOSE



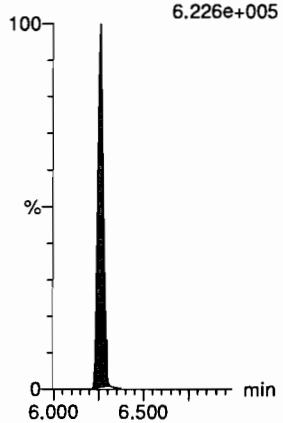
13C3-PFBA-RSD



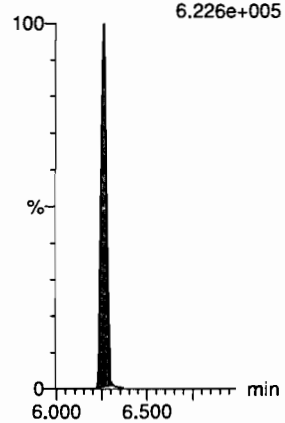
d5-N-ETFOSA-EIS



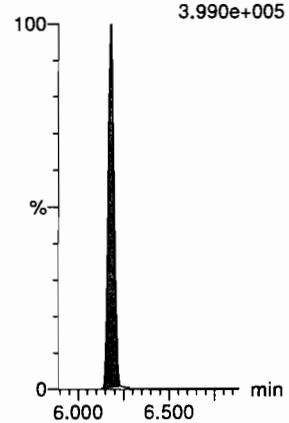
13C2-PFHxDA-EIS



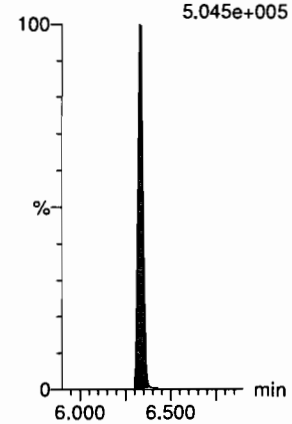
13C2-PFHxDA-EIS



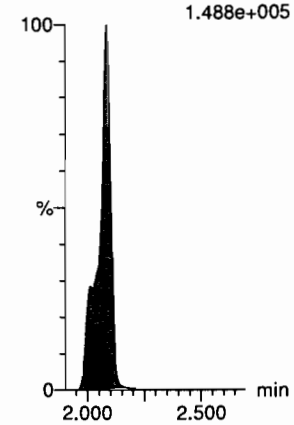
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



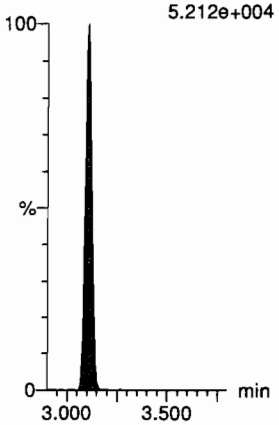
Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 12:34:12 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:34:27 Pacific Daylight Time

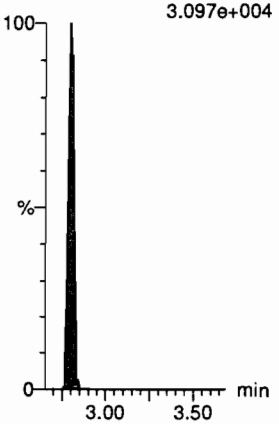
Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.805e+004

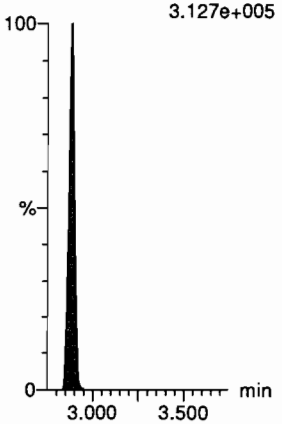
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.212e+004



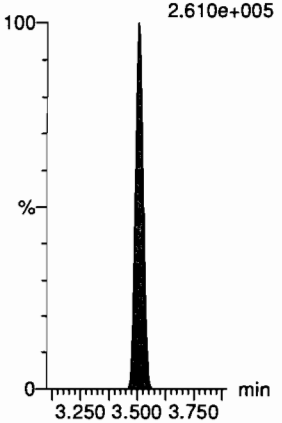
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.097e+004



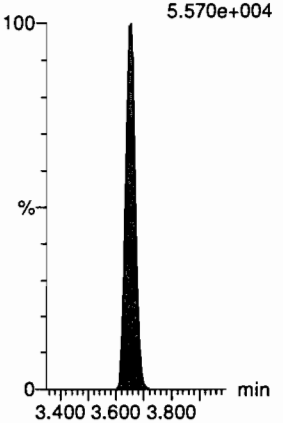
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.127e+005



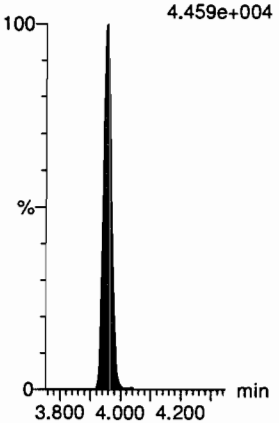
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.610e+005



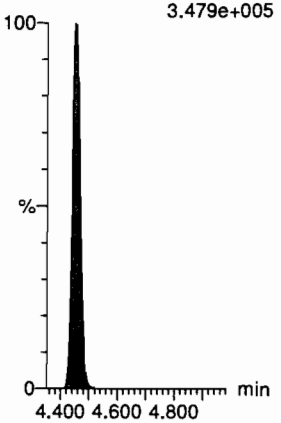
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.570e+004



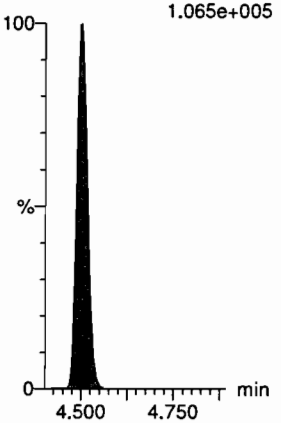
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.459e+004



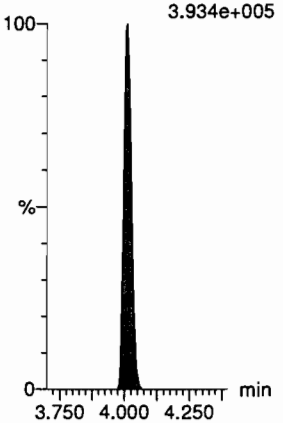
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.479e+005



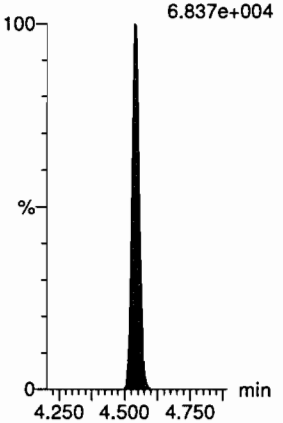
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.065e+005



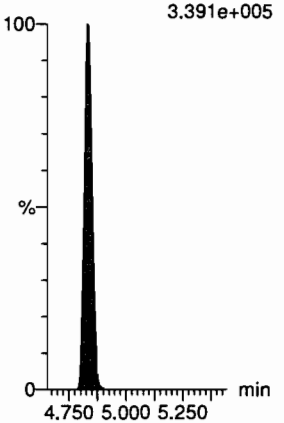
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.934e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.837e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.391e+005

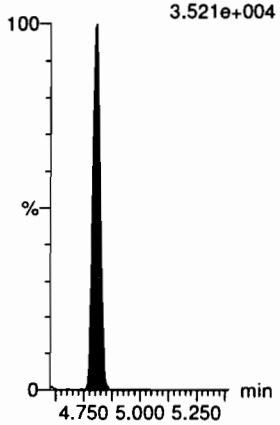


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

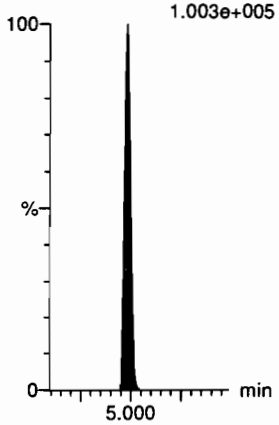
Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

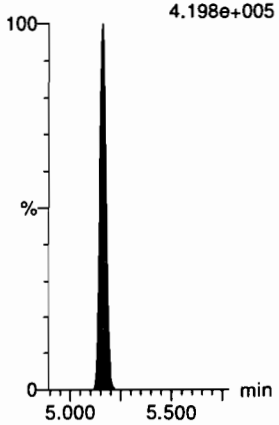
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.521e+004



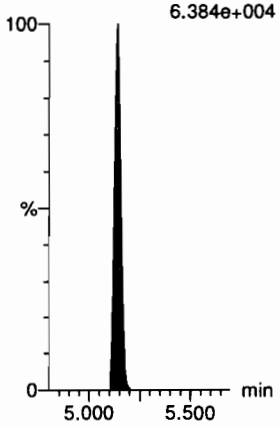
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.003e+005



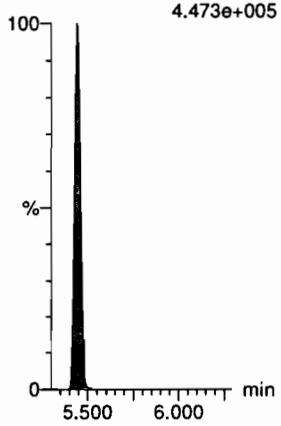
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.198e+005



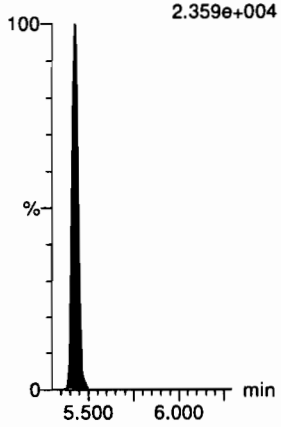
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.384e+004



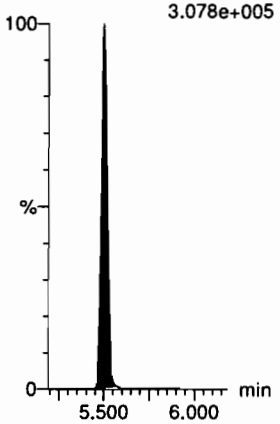
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.473e+005



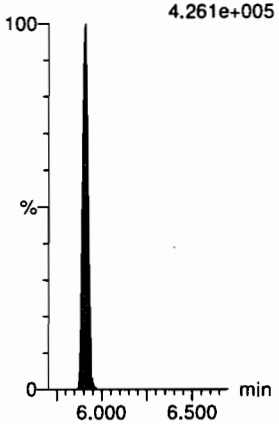
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.359e+004



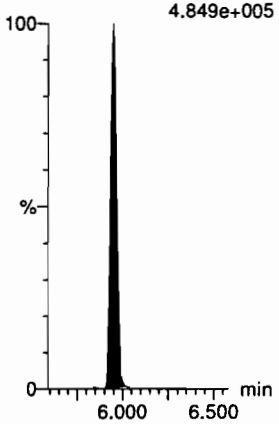
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.078e+005



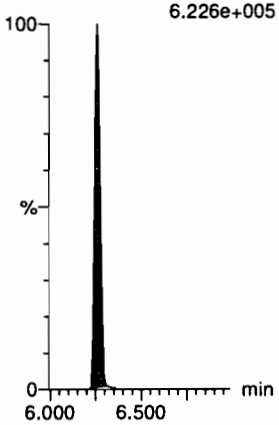
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.261e+005



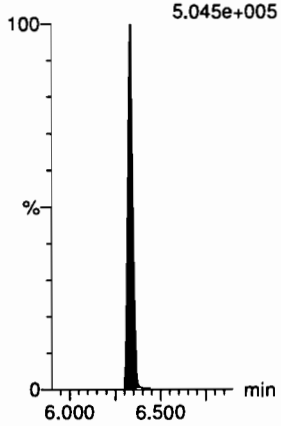
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.849e+005



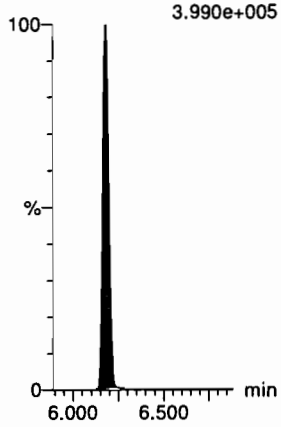
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.226e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.045e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.990e+005

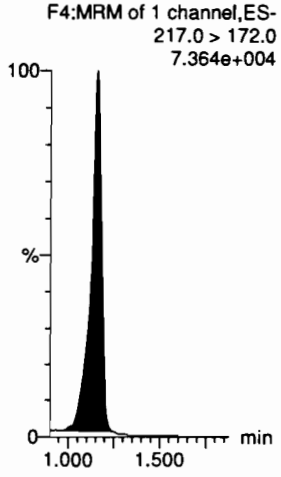


Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

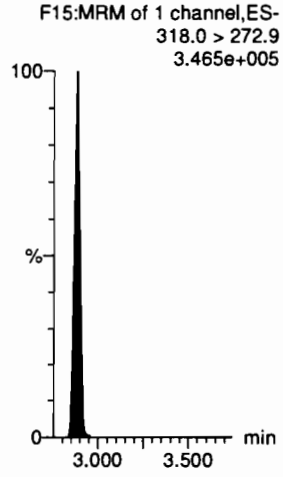
Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

Name: 200608P1-10, Date: 08-Jun-2020, Time: 18:50:20, ID: ST200608P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

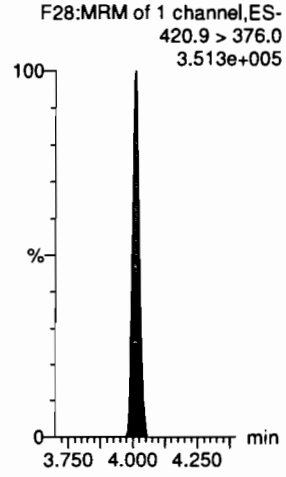
13C4-PFBA



13C5-PFHxA

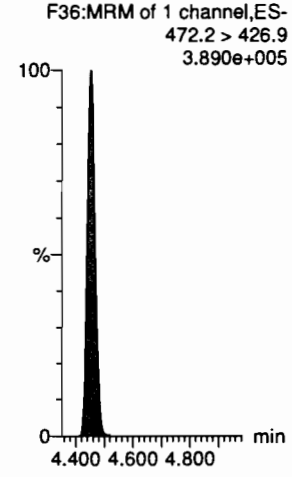


13C8-PFOA

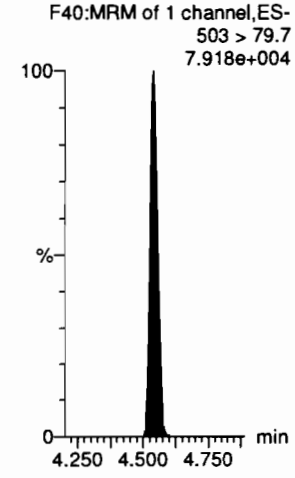


18O2-PFHxS

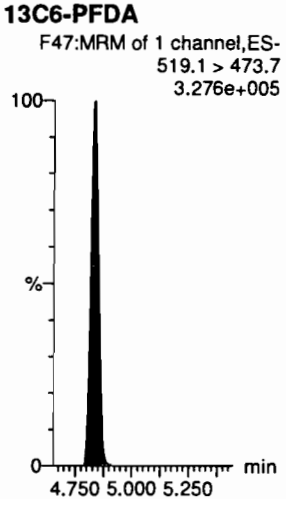
13C9-PFNA



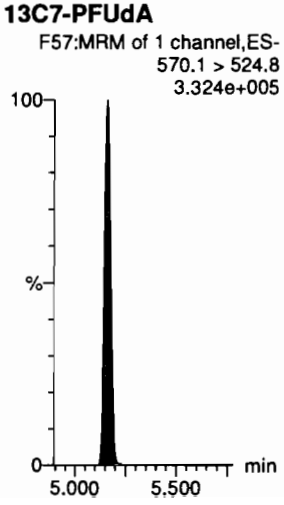
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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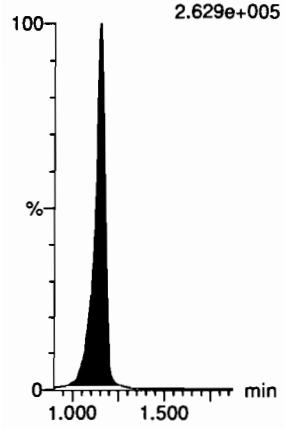
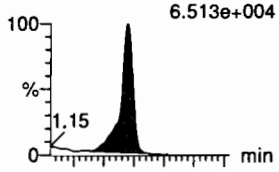
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

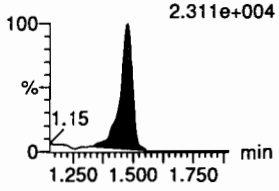
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
2.629e+005



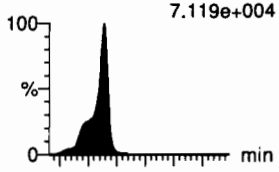
PFPrS
F6:MRM of 2 channels,ES-
249 > 80
6.513e+004



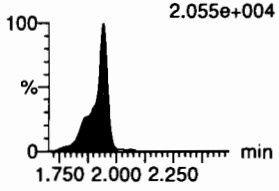
F6:MRM of 2 channels,ES-
249 > 98.9
2.311e+004



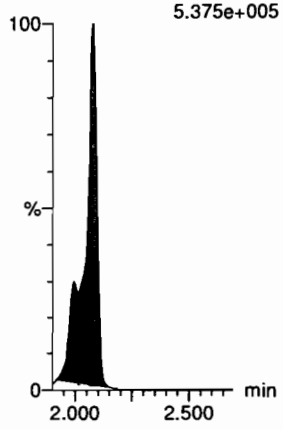
3:3 FTCA
F5:MRM of 2 channels,ES-
240.9 > 176.9
7.119e+004



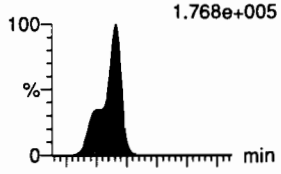
F5:MRM of 2 channels,ES-
240.9 > 116.9
2.055e+004



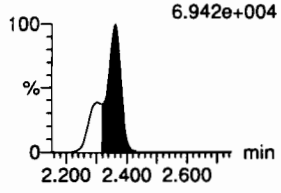
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
5.375e+005



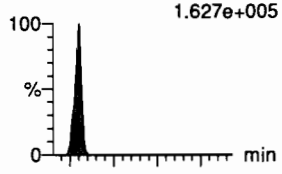
PFBS
F11:MRM of 2 channels,ES-
299.0 > 80
1.768e+005



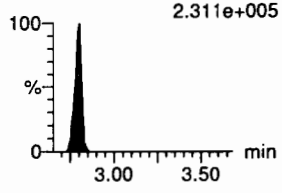
F11:MRM of 2 channels,ES-
299.0 > 98.9
6.942e+004



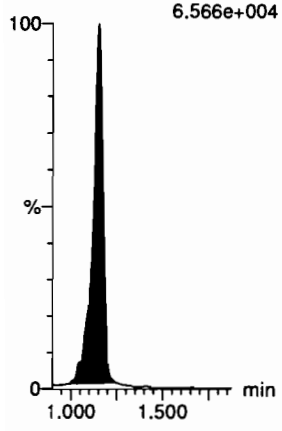
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 307
1.627e+005



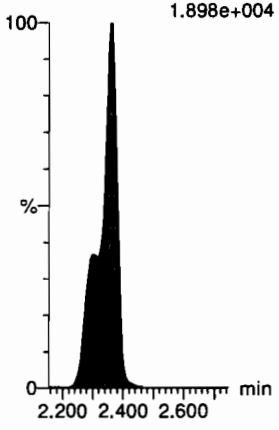
F16:MRM of 2 channels,ES-
327.0 > 81
2.311e+005



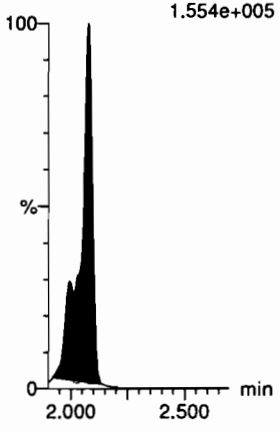
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.566e+004



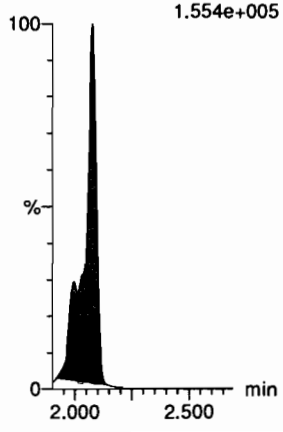
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.898e+004



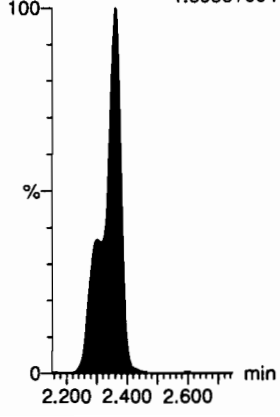
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.554e+005



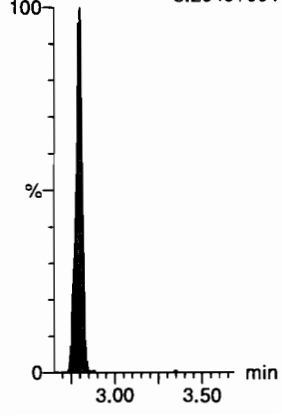
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.554e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.898e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.294e+004



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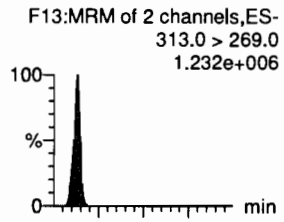
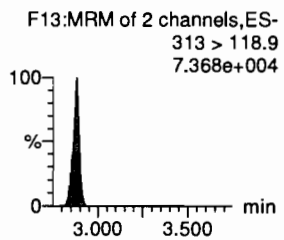
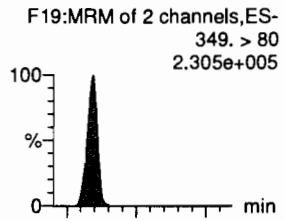
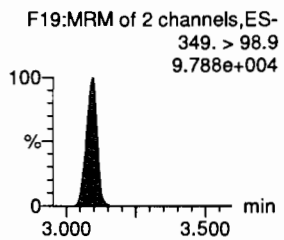
PFHxA



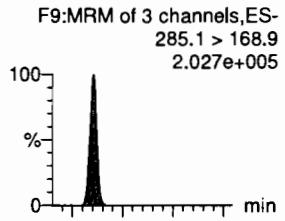


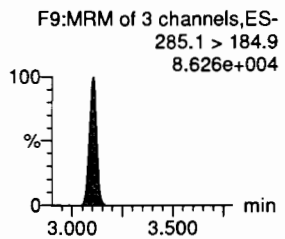
PFPeS



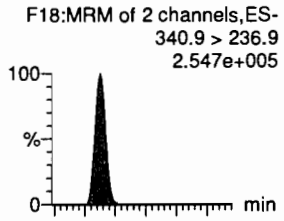


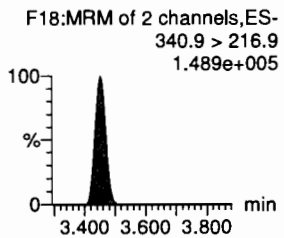
HFPO-DA



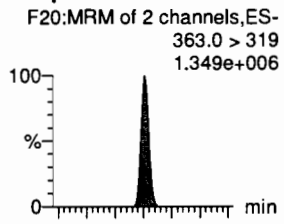


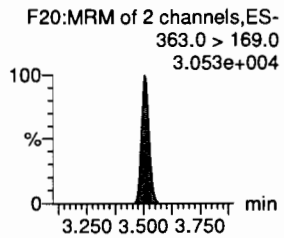
5:3 FTCA



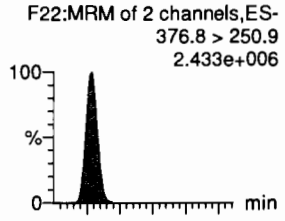


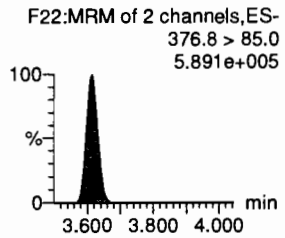
PFHpA



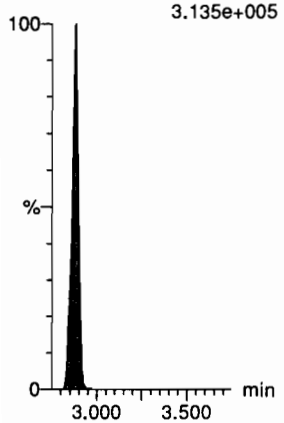


ADONA

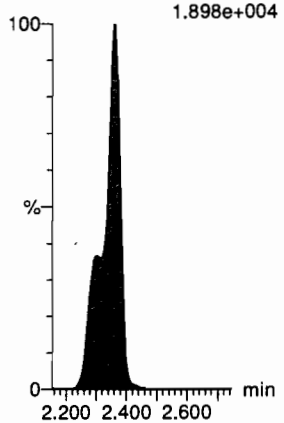




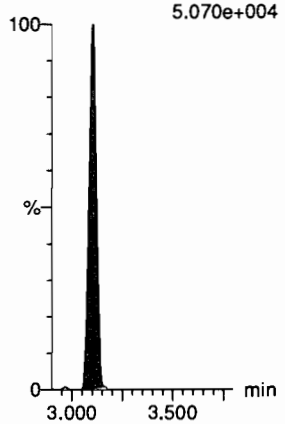
13C2-PFHxA-EIS



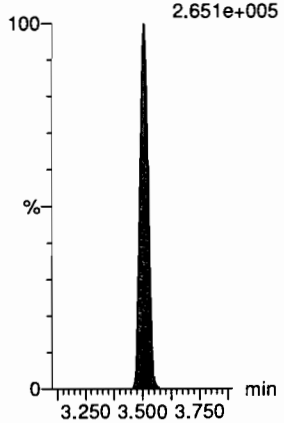
13C3-PFBS-EIS



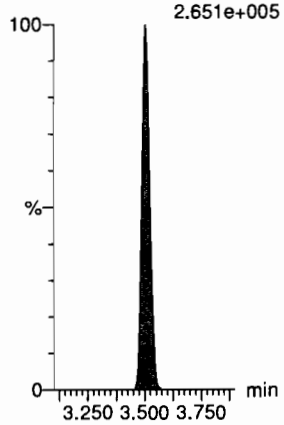
13C3-HFPO-DA-EIS



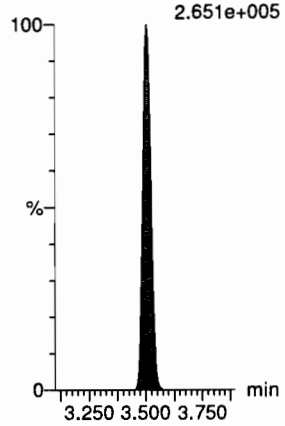
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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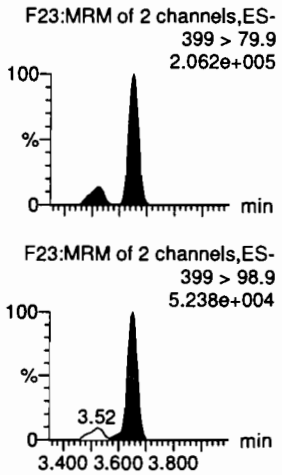
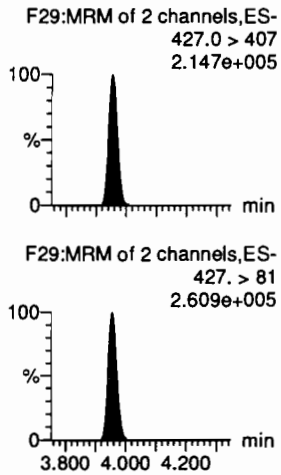
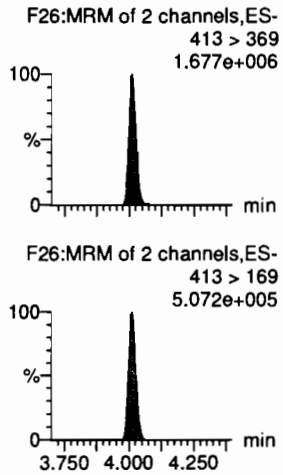
L-PFHxS



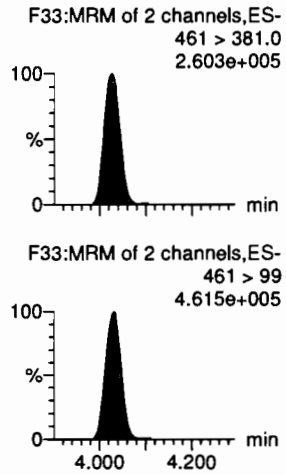
6:2 FTS



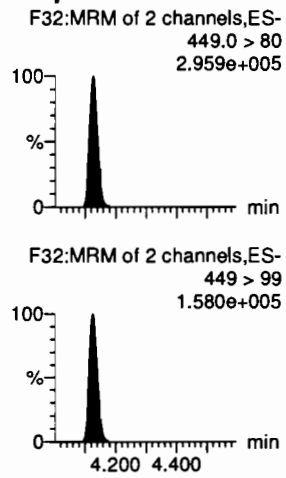
L-PFOA



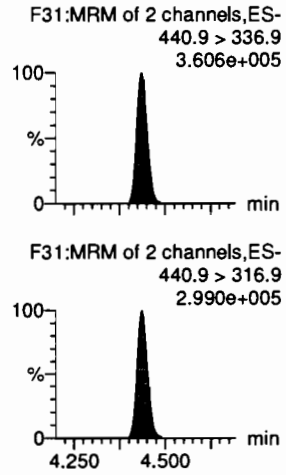
PFEChS



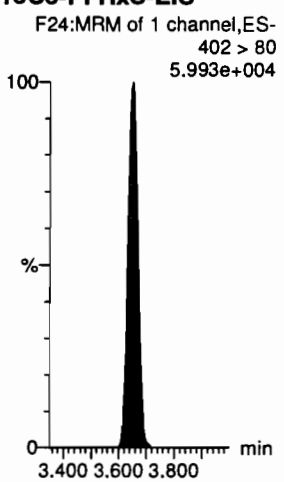
PFHpS



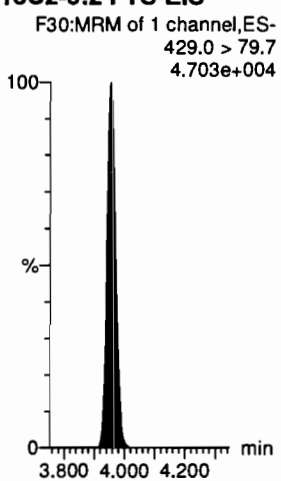
7:3 FTCA



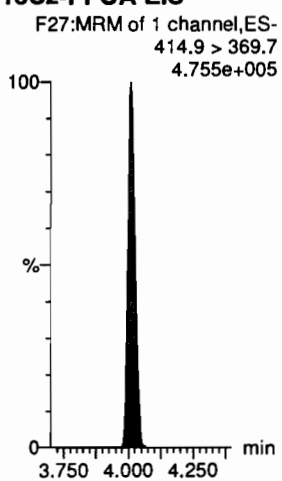
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS

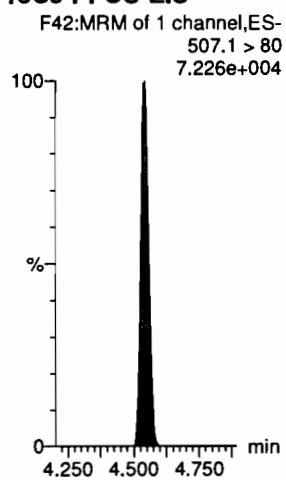


13C2-PFOA-EIS

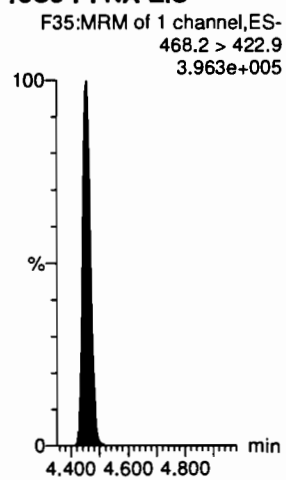


13C2-PFOA-EIS

13C8-PFOS-EIS



13C5-PFNA-EIS



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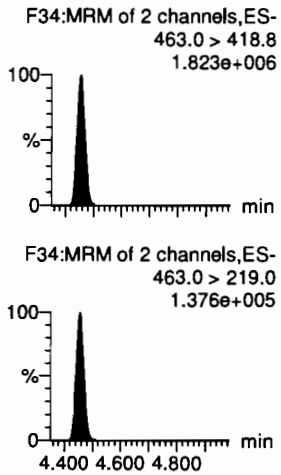
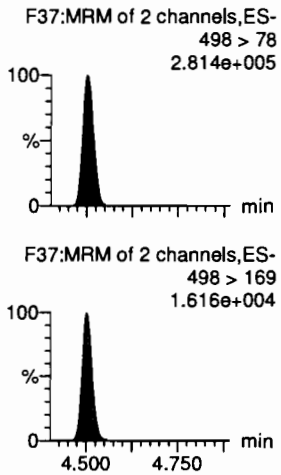
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

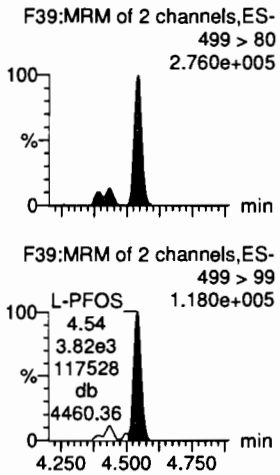
PFNA



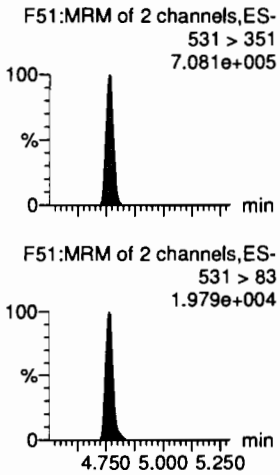
PFOSA



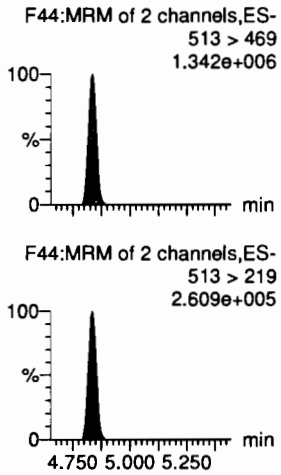
L-PFOS



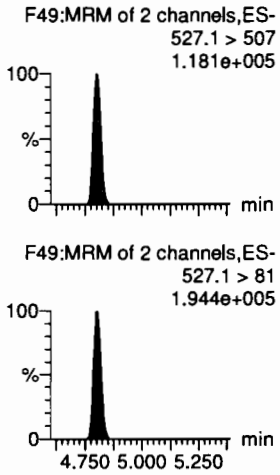
9Cl-PF30NS



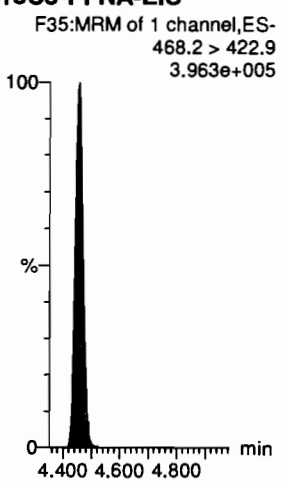
PFDA



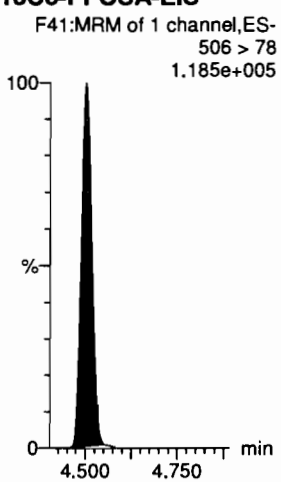
8:2 FTS



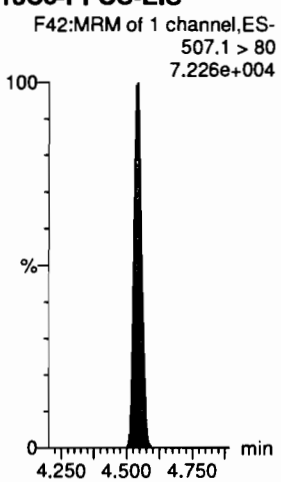
13C5-PFNA-EIS



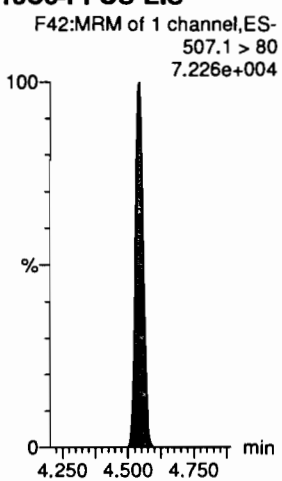
13C8-PFOSA-EIS



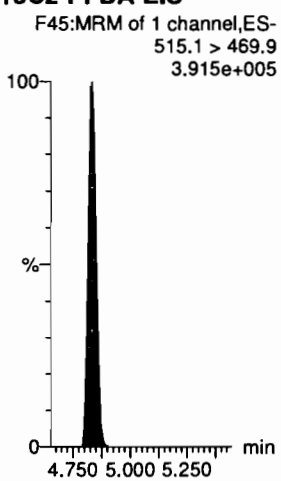
13C8-PFOS-EIS



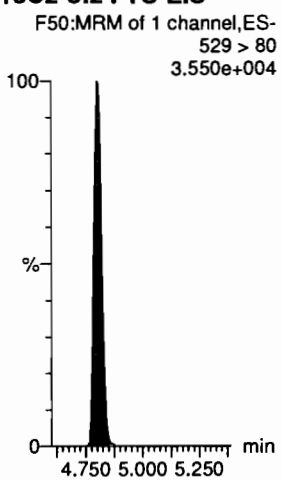
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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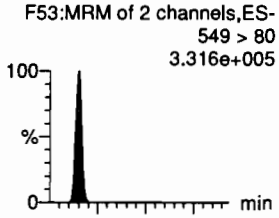
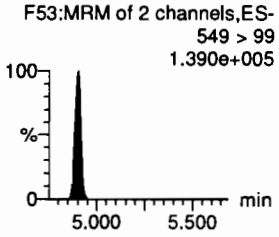
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

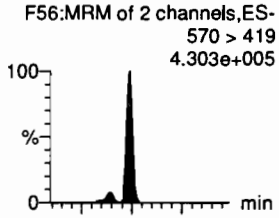
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

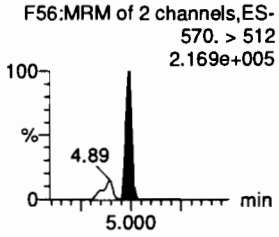
PFNS



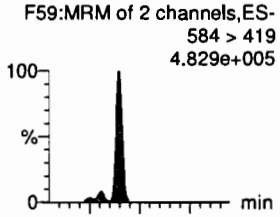


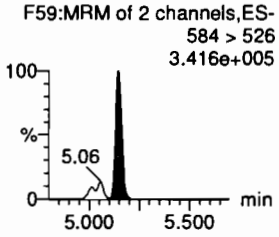
L-MeFOSAA



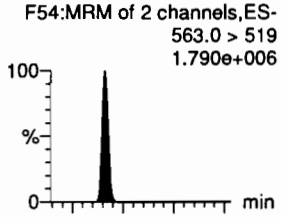


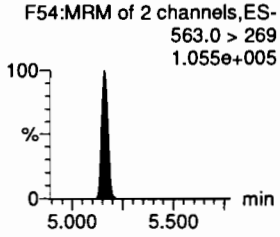
L-EtFOSAA



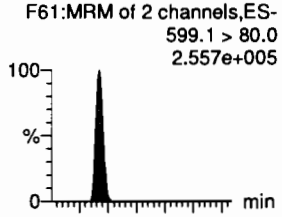


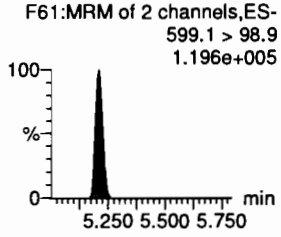
PFUdA



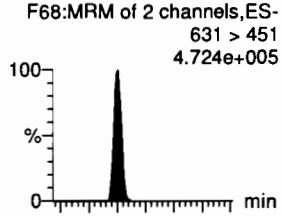


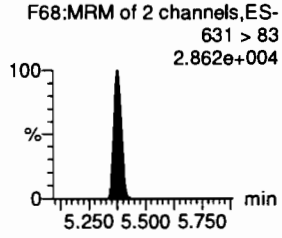
PFDS



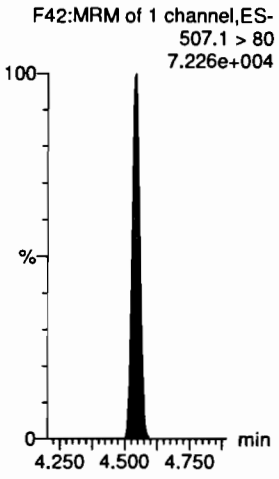


11Cl-PF30UdS

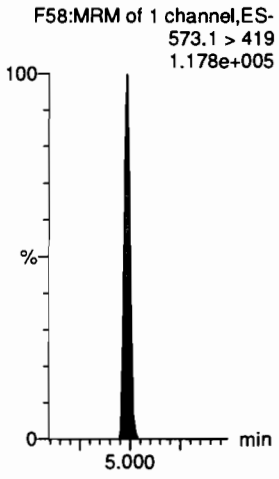




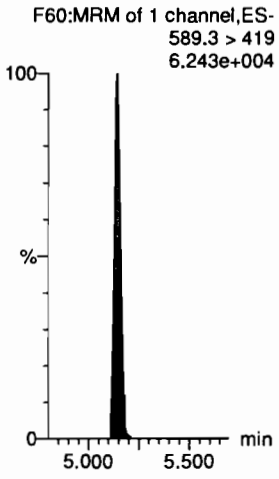
13C8-PFOS-EIS



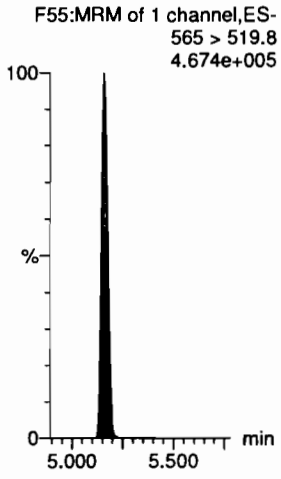
d3-N-MeFOSAA-EIS



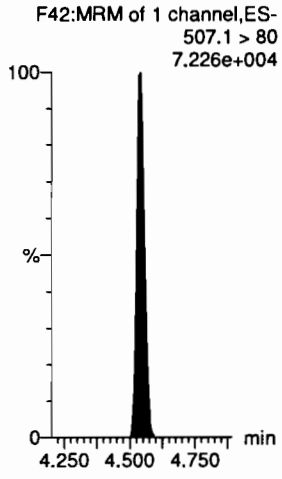
d5-N-EtFOSAA-EIS



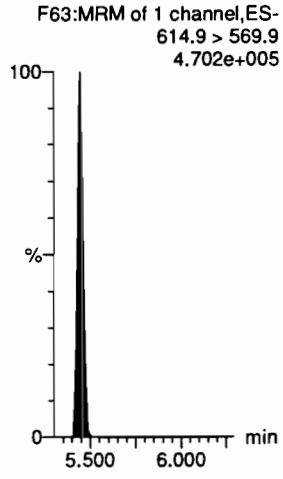
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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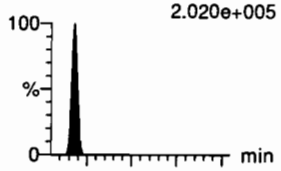
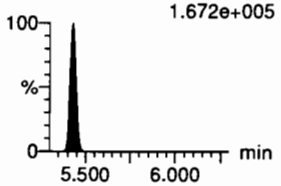
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

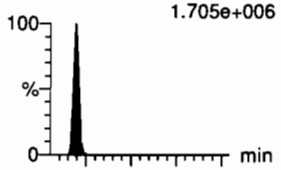
10:2 FTS
F66:MRM of 2 channels,ES-
626.9 > 607
2.020e+005



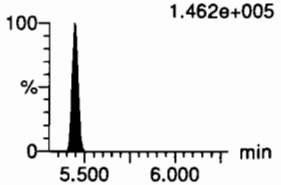
F66:MRM of 2 channels,ES-
626.9 > 80.7
1.672e+005



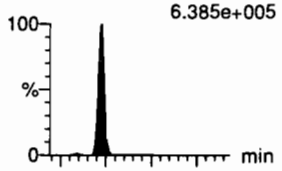
PFDoA
F62:MRM of 2 channels,ES-
612.9 > 569.0
1.705e+006



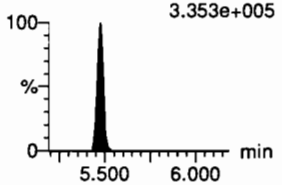
F62:MRM of 2 channels,ES-
612.9 > 318.8
1.462e+005



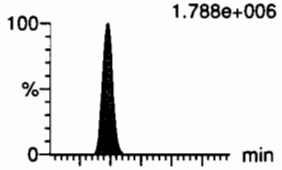
N-MeFOSA
F43:MRM of 2 channels,ES-
512.1 > 168.9
6.385e+005



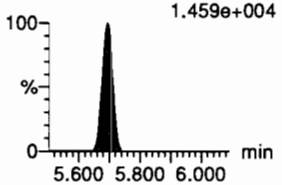
F43:MRM of 2 channels,ES-
512.1 > 219
3.353e+005



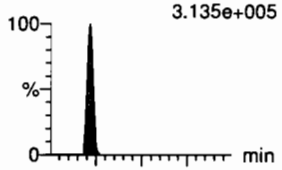
PFTrDA
F71:MRM of 2 channels,ES-
662.9 > 618.9
1.788e+006



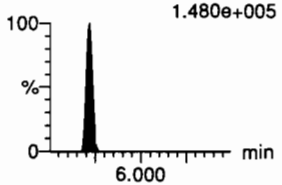
F71:MRM of 2 channels,ES-
662.9 > 319
1.459e+004



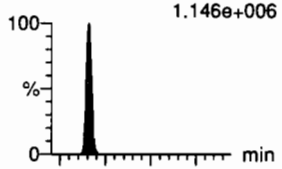
PFDoS
F72:MRM of 2 channels,ES-
699 > 80
3.135e+005



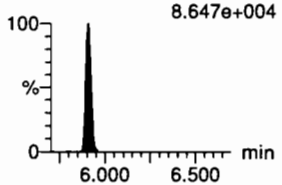
F72:MRM of 2 channels,ES-
699 > 99
1.480e+005



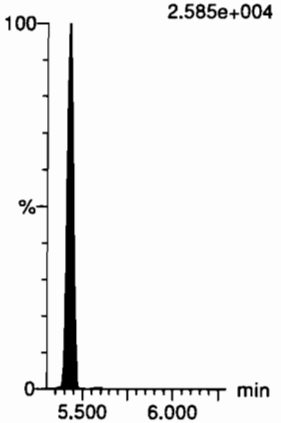
PFTeDA
F73:MRM of 2 channels,ES-
713.0 > 669.0
1.146e+006



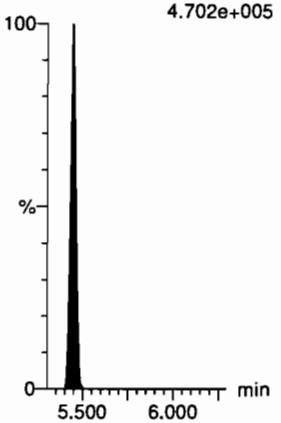
F73:MRM of 2 channels,ES-
713. > 369.0
8.647e+004



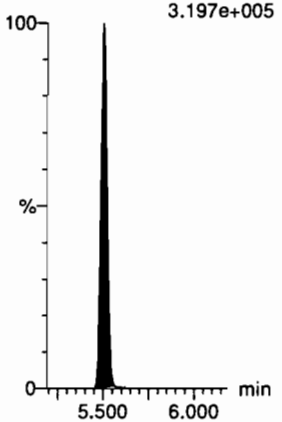
13C2-10:2 FTS-EIS
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.585e+004



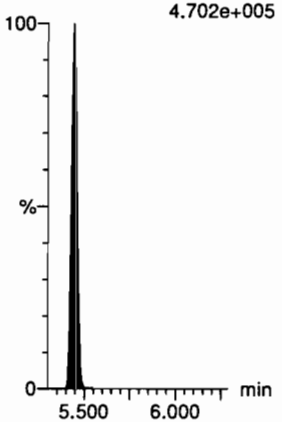
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.702e+005



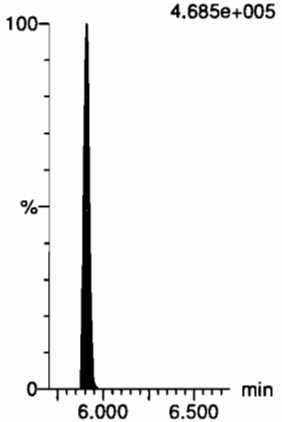
d3-N-MeFOSA-EIS
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.197e+005



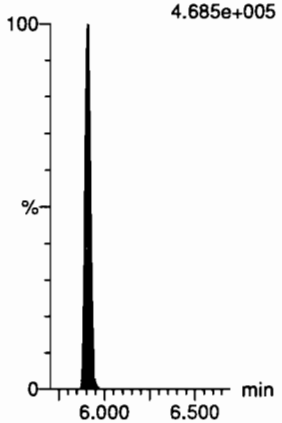
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.702e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.685e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.685e+005



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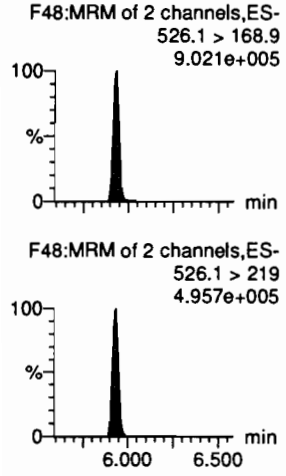
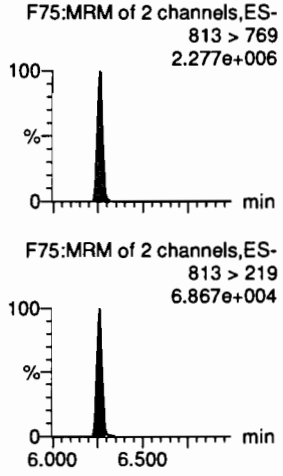
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

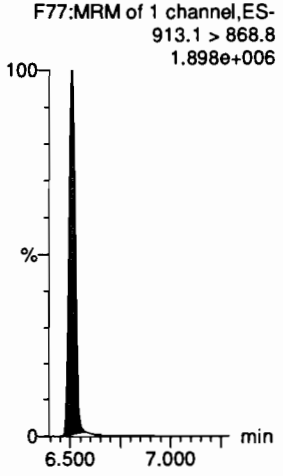
N-EtFOSA



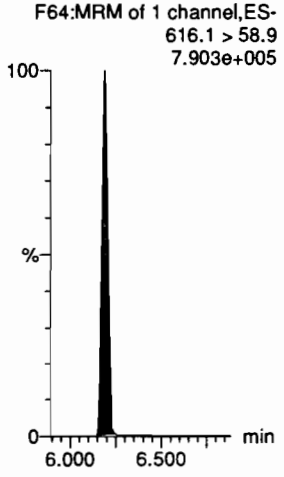
PFHxDA



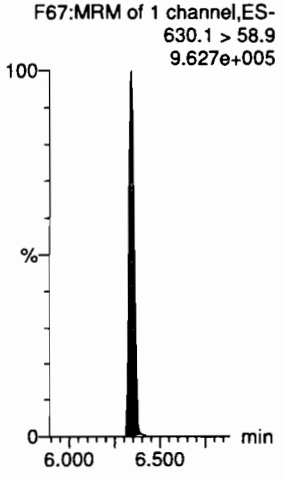
PFODA



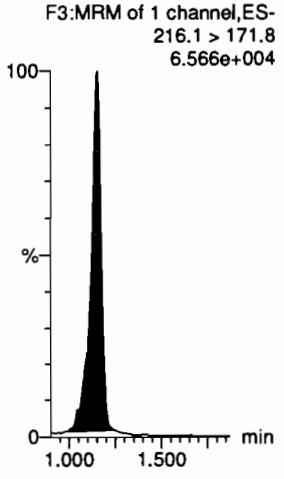
N-MeFOSE



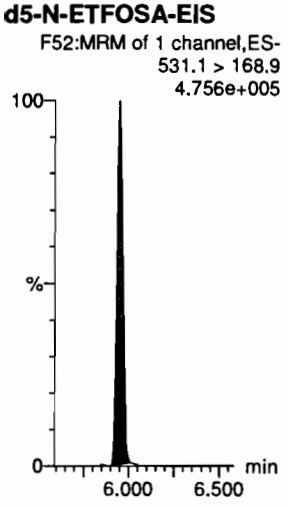
N-EtFOSE



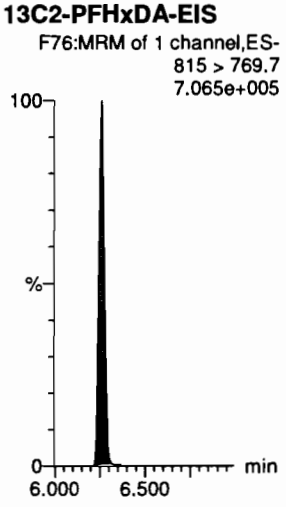
13C3-PFBA-RSD



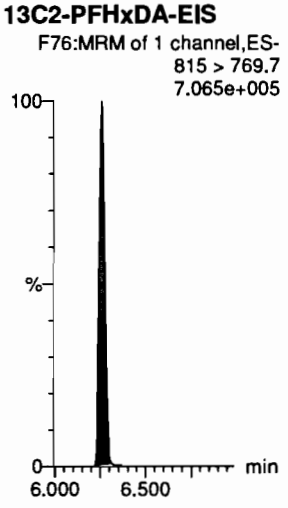
d5-N-ETFOSA-EIS



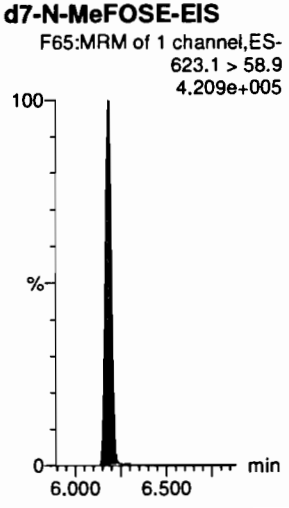
13C2-PFHxDA-EIS



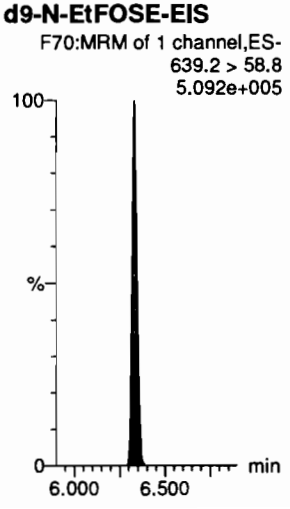
13C2-PFHxDA-EIS



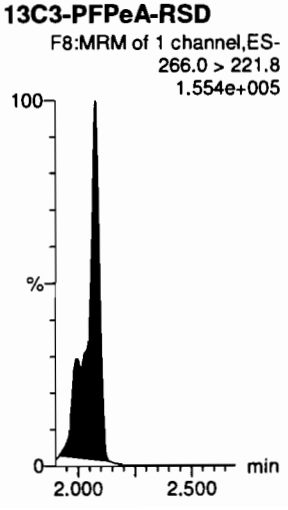
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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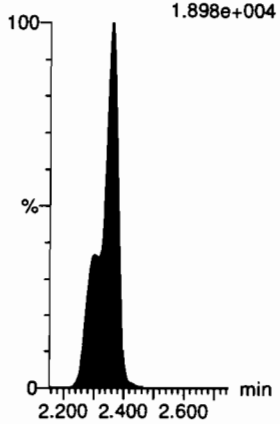
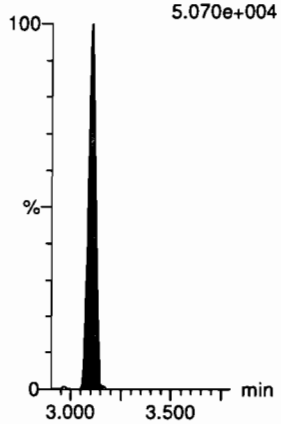
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

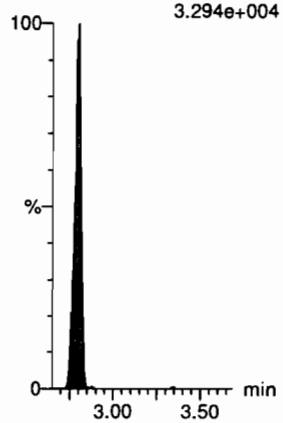
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.898e+004



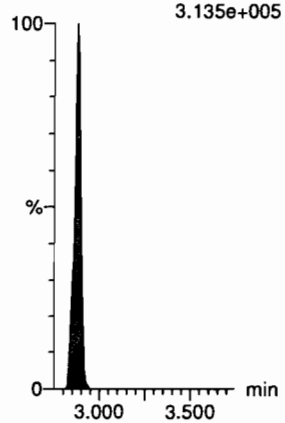
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.070e+004



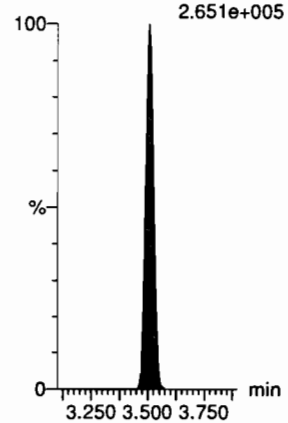
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.294e+004



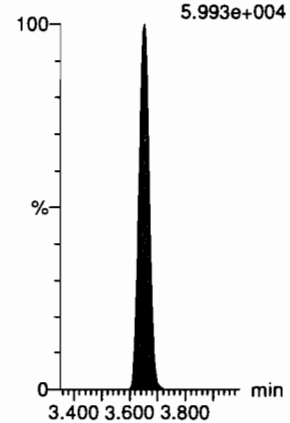
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.135e+005



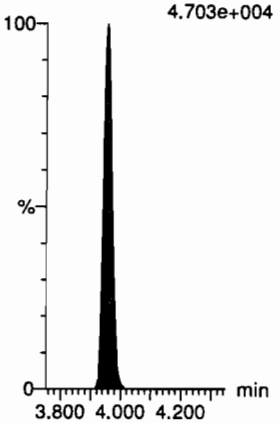
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.651e+005



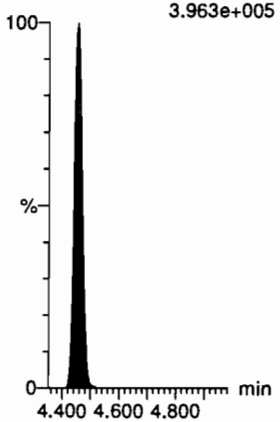
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.993e+004



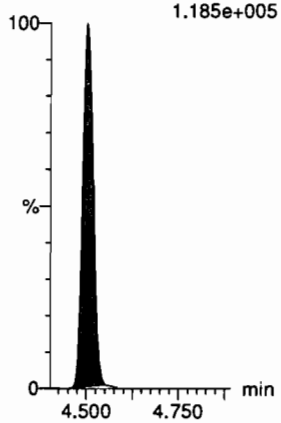
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.703e+004



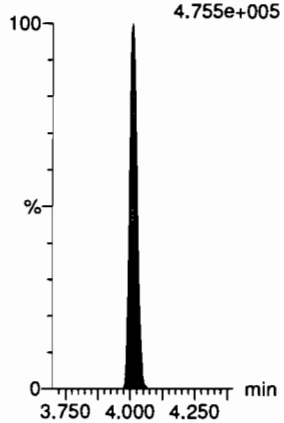
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.963e+005



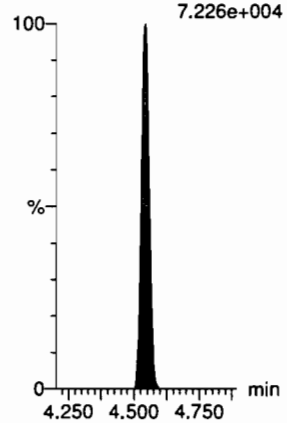
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.185e+005



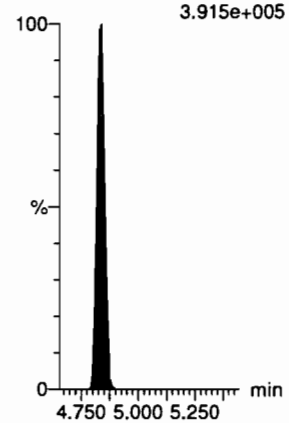
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.755e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.226e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.915e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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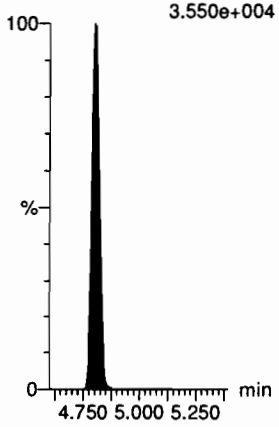
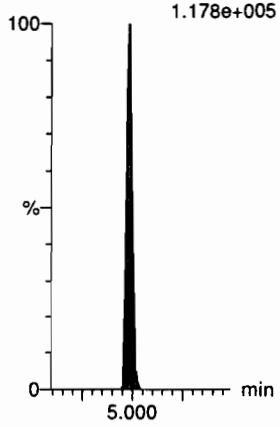
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

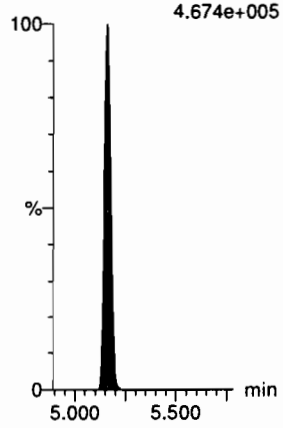
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.550e+004



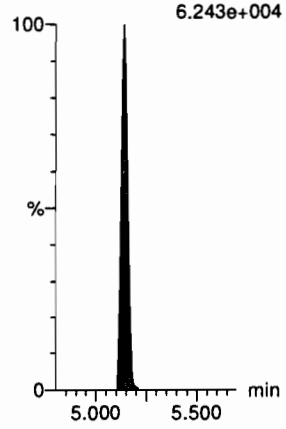
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.178e+005



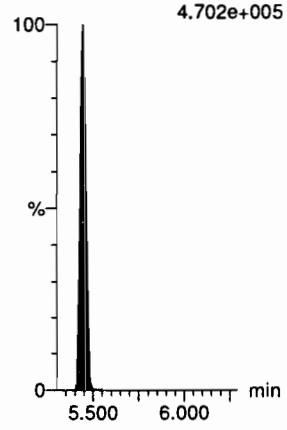
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.674e+005



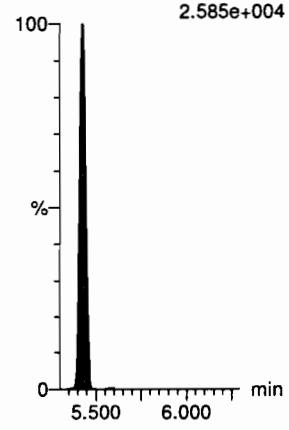
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.243e+004



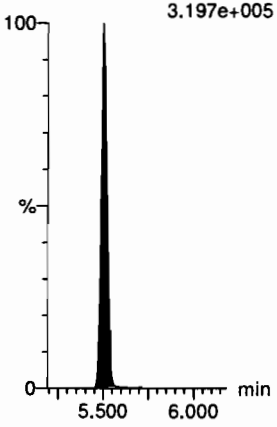
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.702e+005



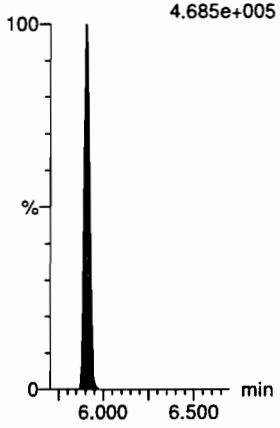
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.585e+004



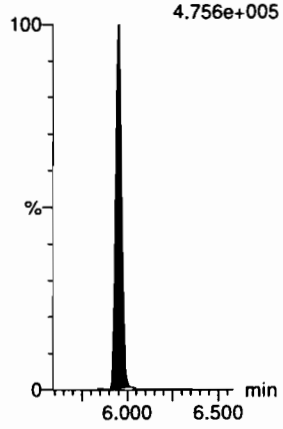
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.197e+005



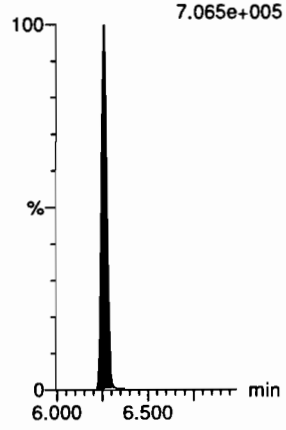
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.685e+005



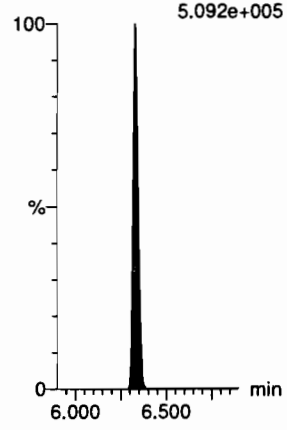
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.756e+005



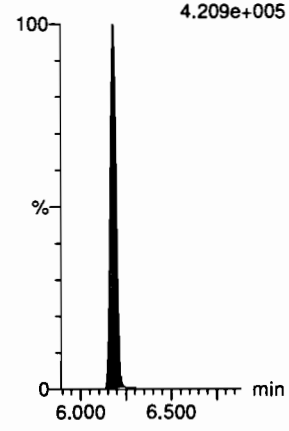
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.065e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.092e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.209e+005



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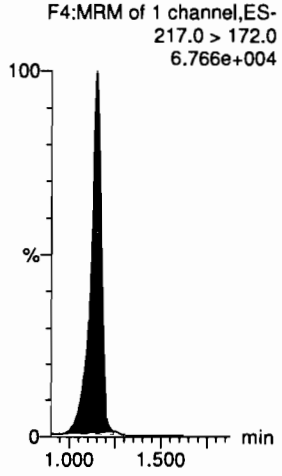
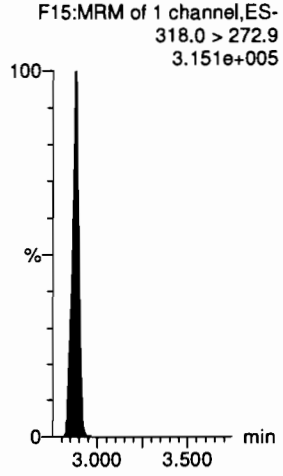
Name: 200608P1-11, Date: 08-Jun-2020, Time: 19:00:49, ID: ST200608P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

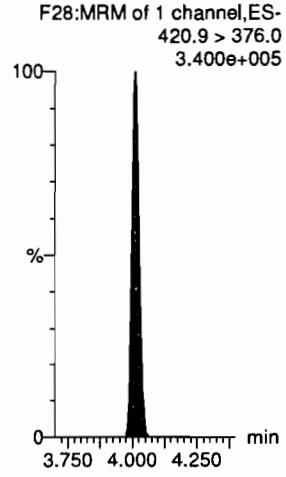
13C4-PFBA



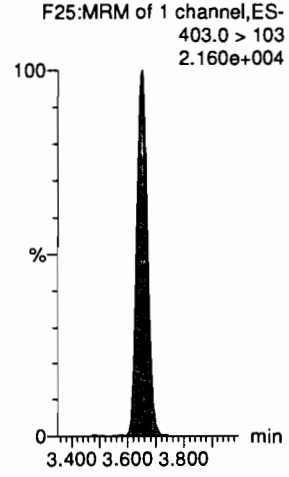
13C5-PFHxA



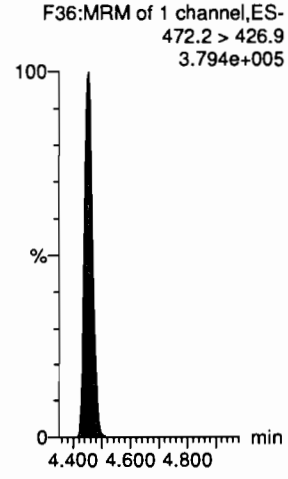
13C8-PFOA



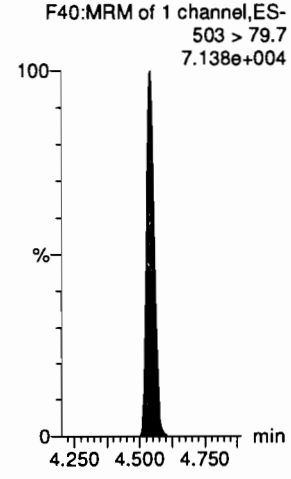
18O2-PFHxS



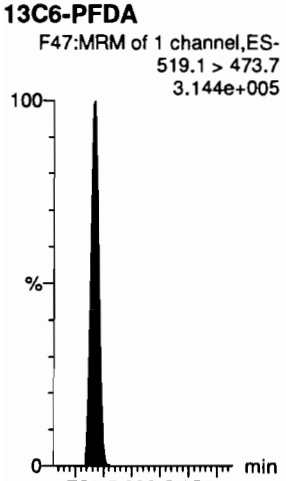
13C9-PFNA



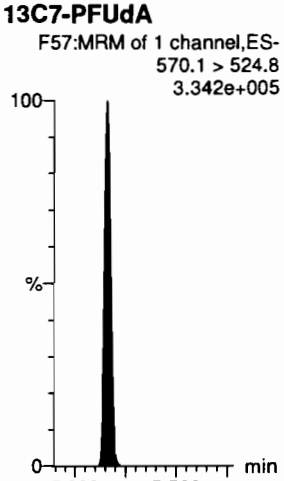
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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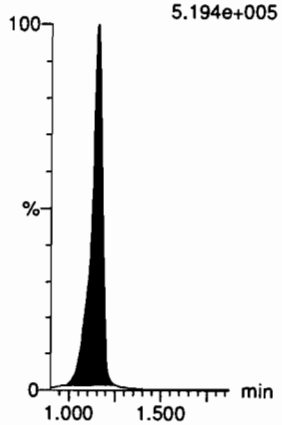
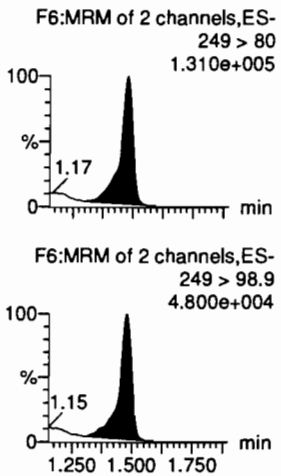
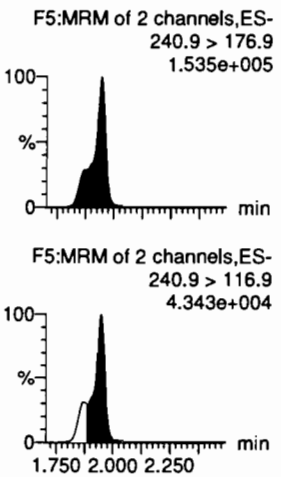
PFBA



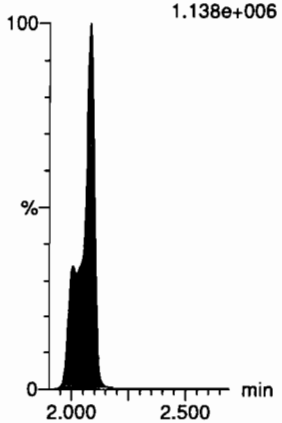
PFPrS



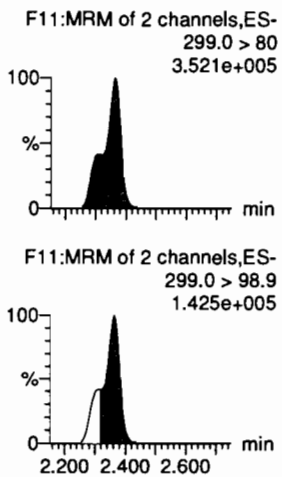
3:3 FTCA



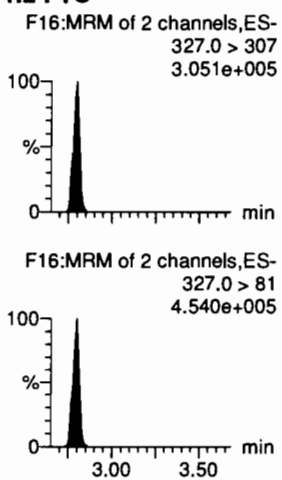
PFPeA



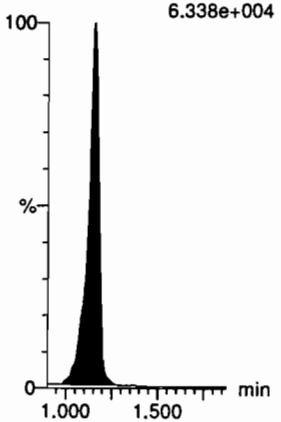
PFBS



4:2 FTS



13C3-PFBA-EIS



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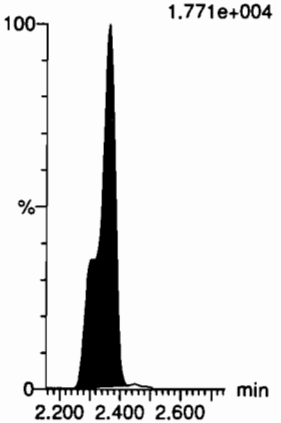

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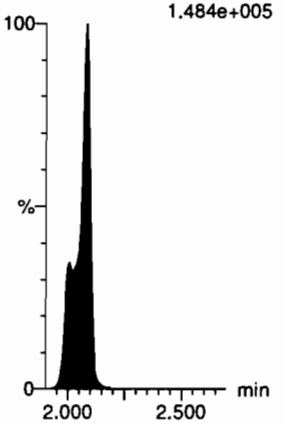

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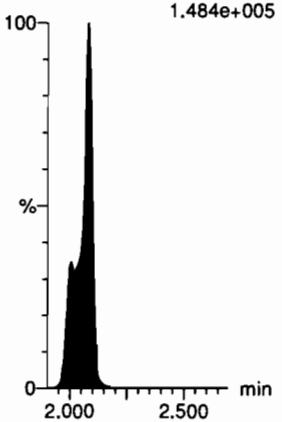

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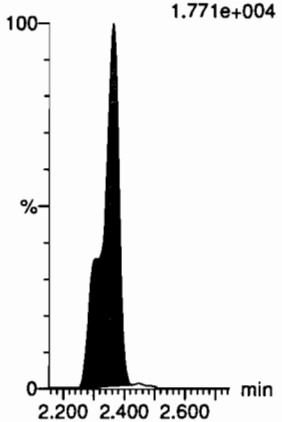
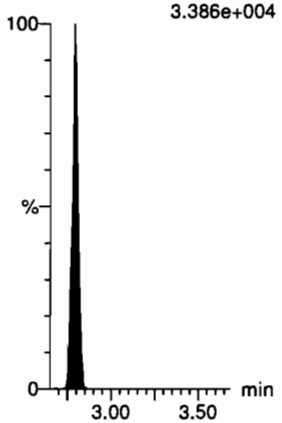


13C2-4:2 FTS-EIS



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Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

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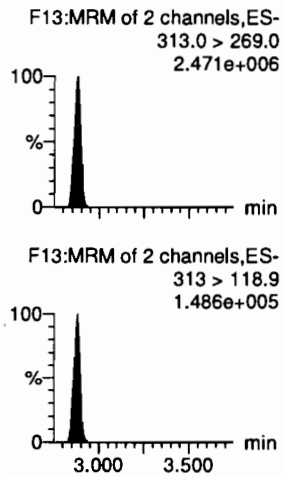

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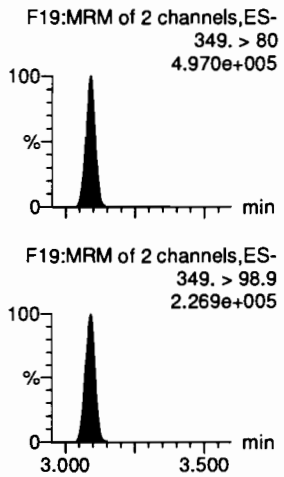
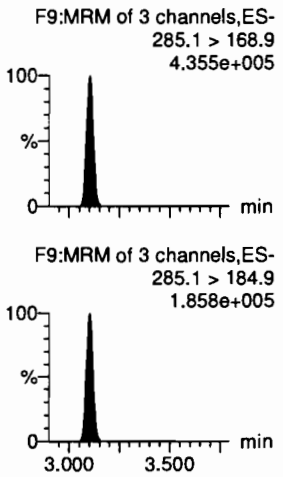
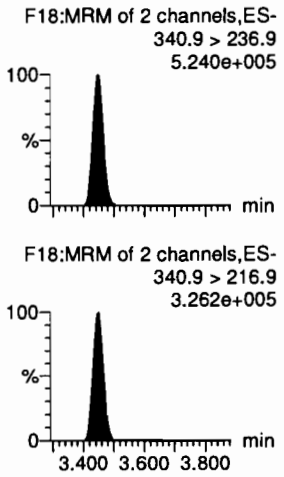


HFPO-DA



5:3 FTCA



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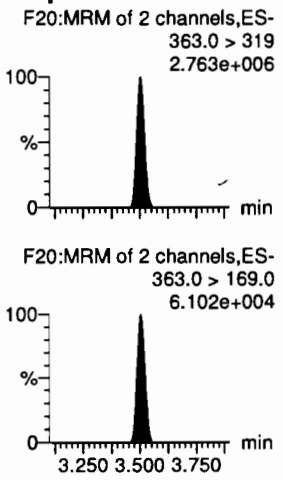

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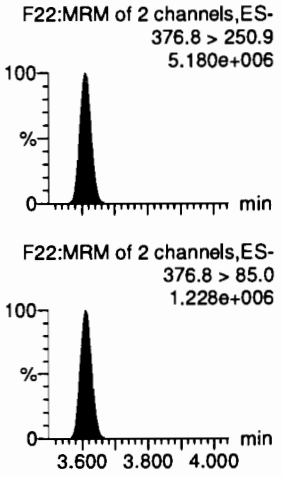
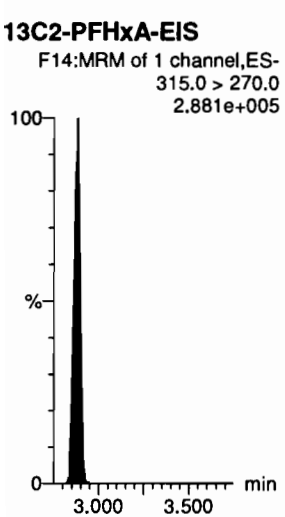


13C2-PFHxA-EIS



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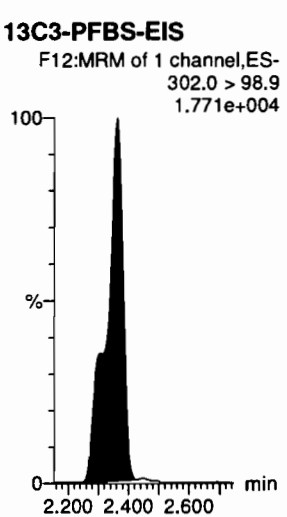

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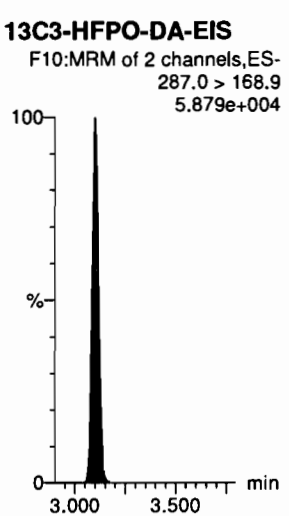
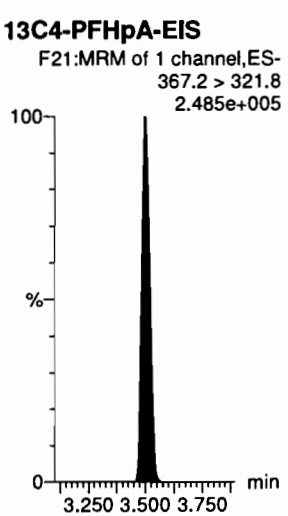


13C4-PFHpA-EIS



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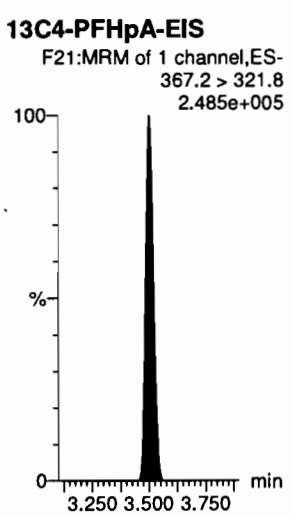

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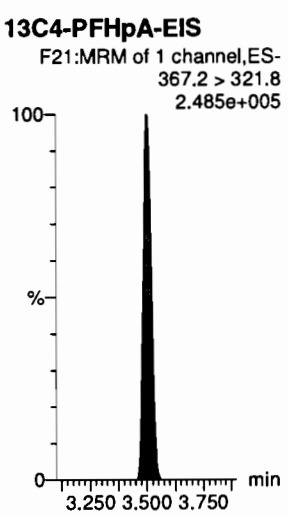

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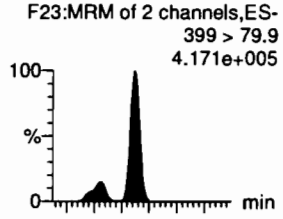
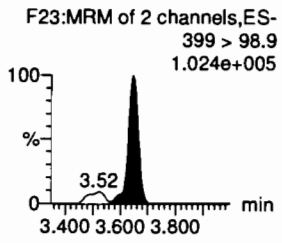
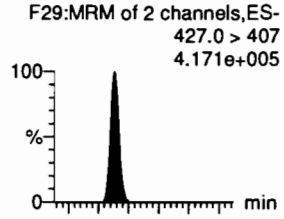
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

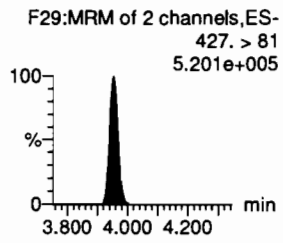
L-PFHxS





6:2 FTS





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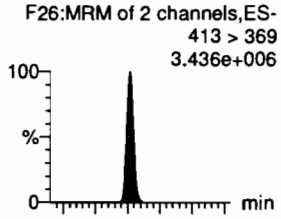

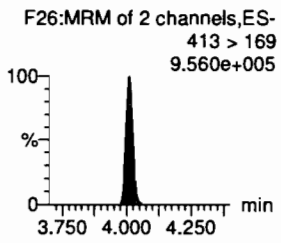

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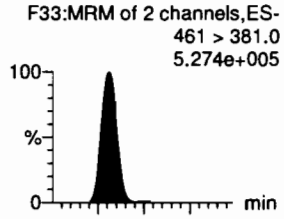

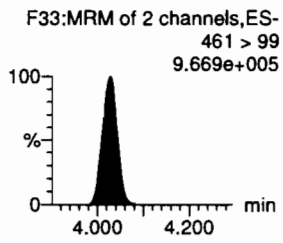

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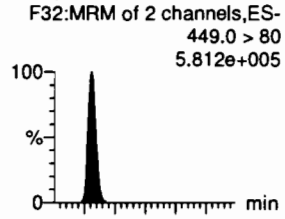
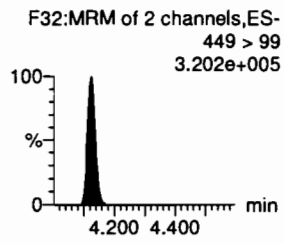
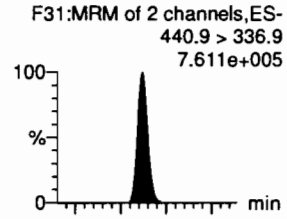
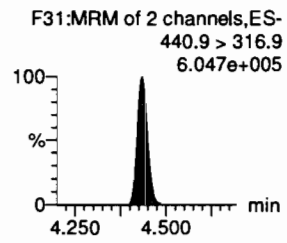




7:3 FTCA





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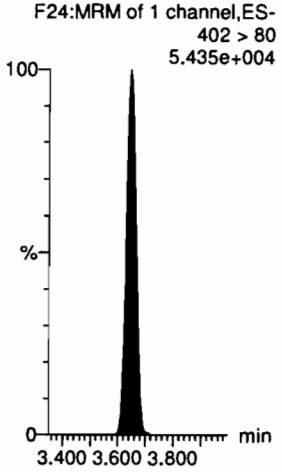
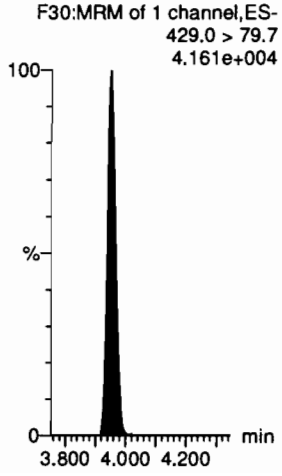


13C2-6:2 FTS-EIS



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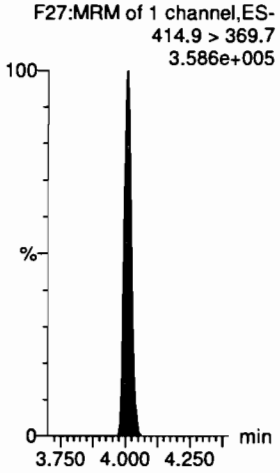

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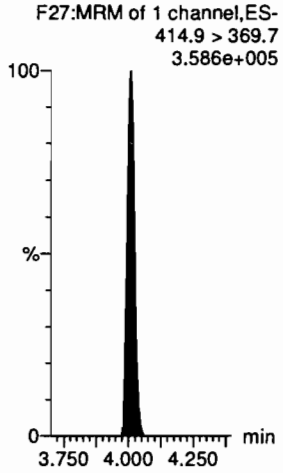
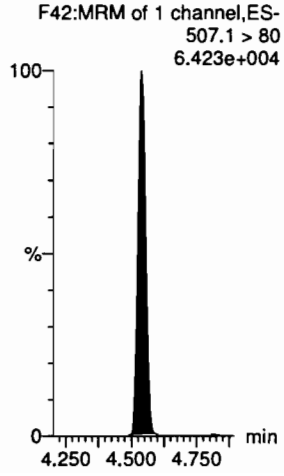
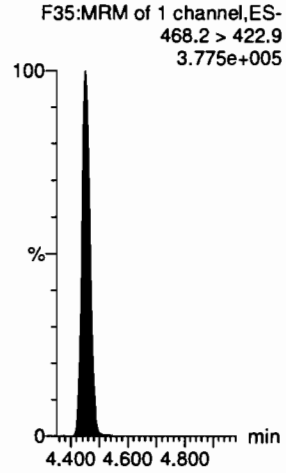


13C8-PFOS-EIS



13C5-PFNA-EIS



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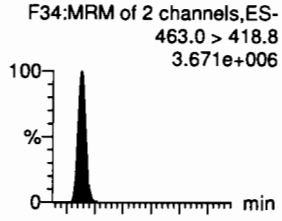
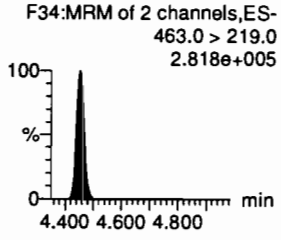
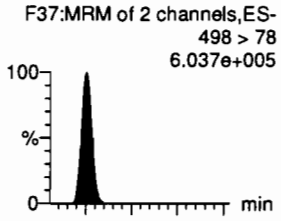
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

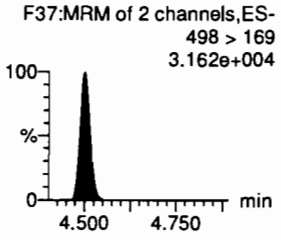
PFNA



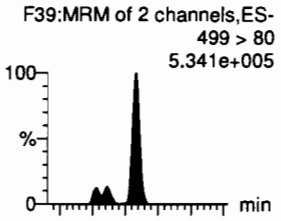


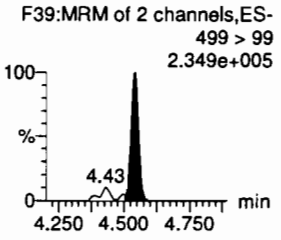
PFOSA





L-PFOS





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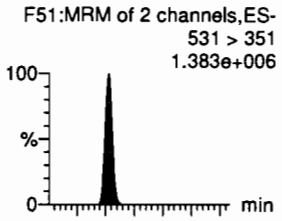

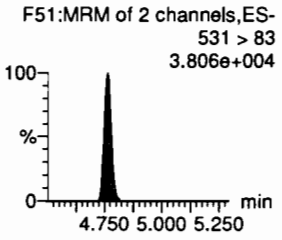

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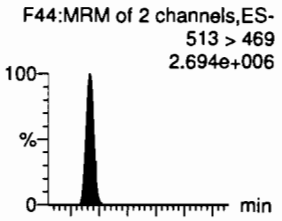
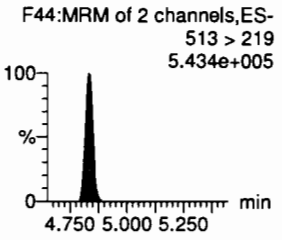
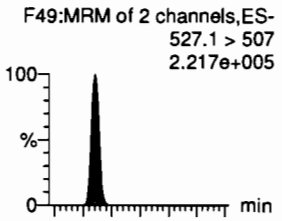
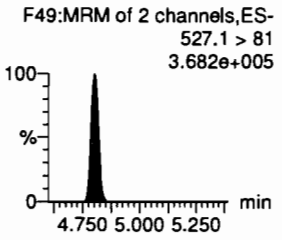


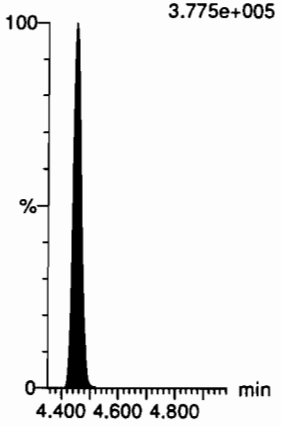


8:2 FTS

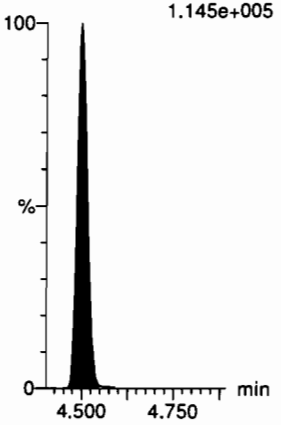




13C5-PFNA-EIS



13C8-PFOSA-EIS



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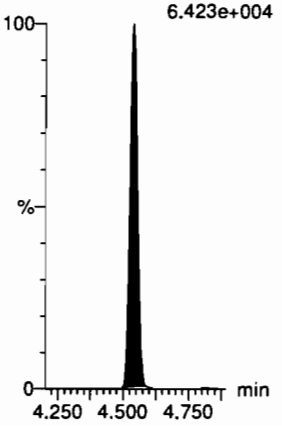
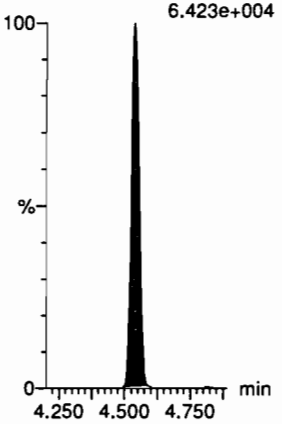
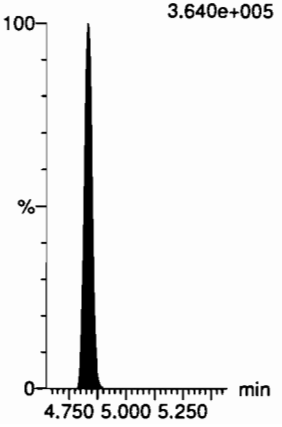


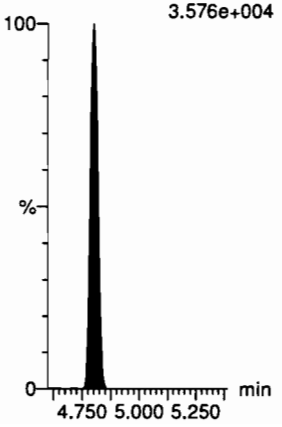
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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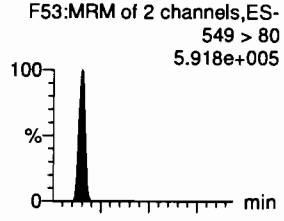
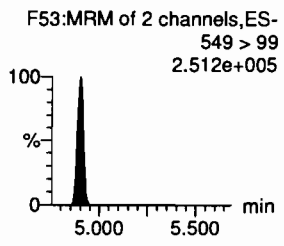
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

PFNS





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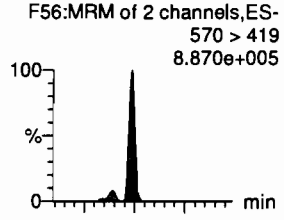

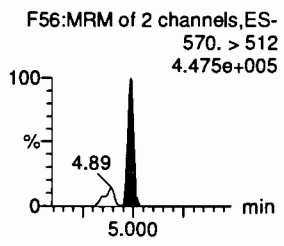

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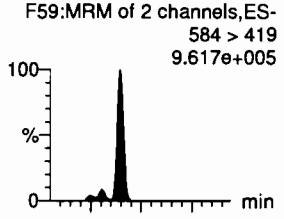
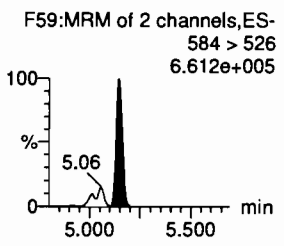
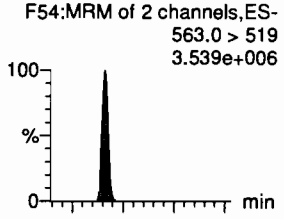
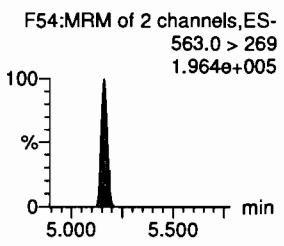




PFUdA





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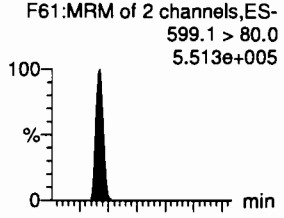

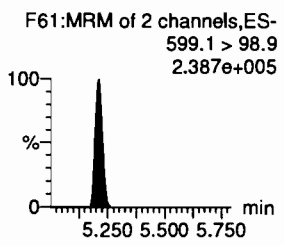

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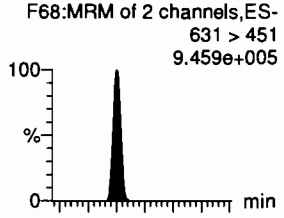
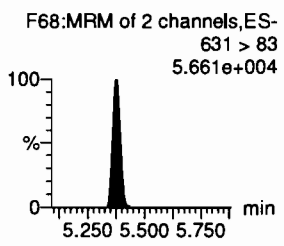
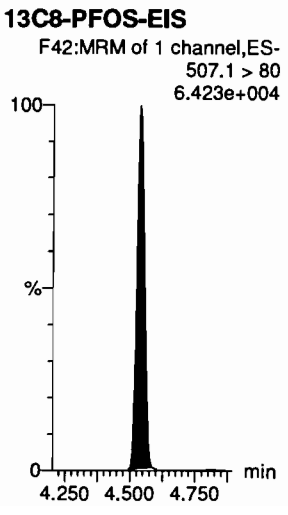
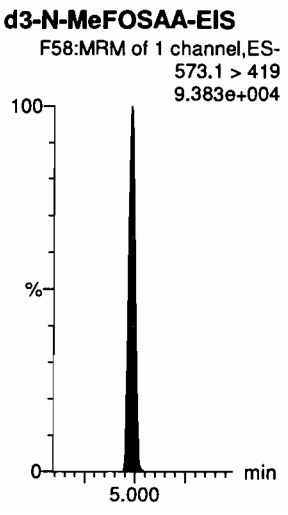




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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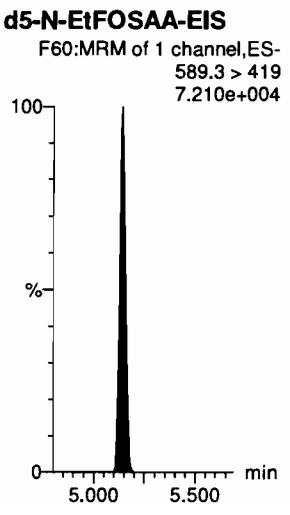

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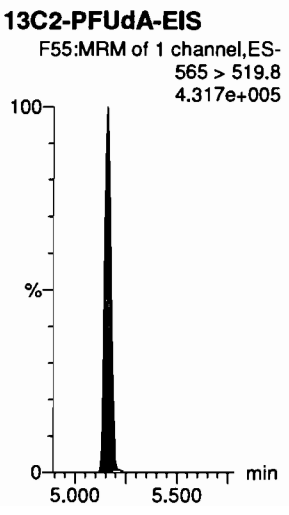

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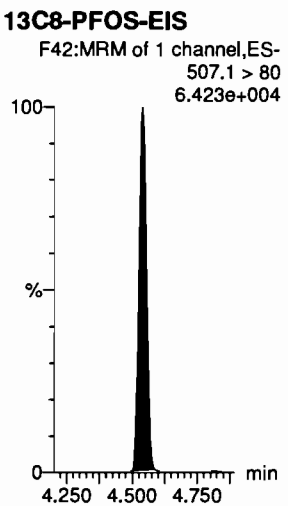
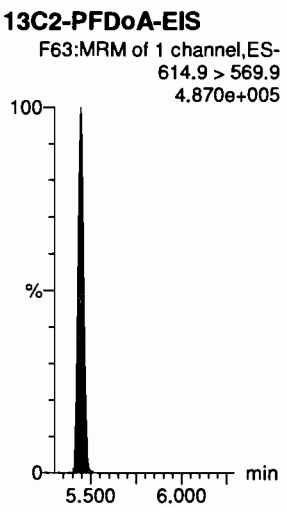


13C2-PFDoA-EIS



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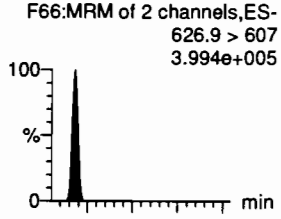
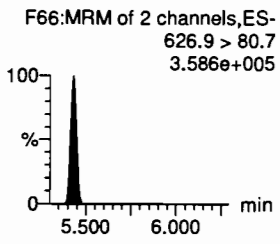
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

10:2 FTS





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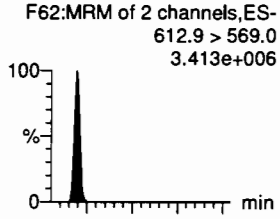
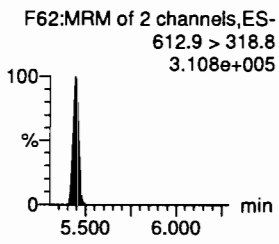
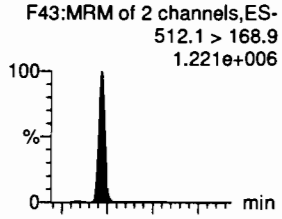
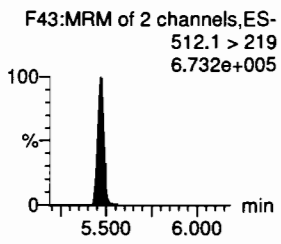




N-MeFOSA





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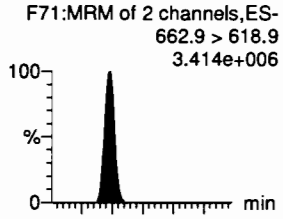

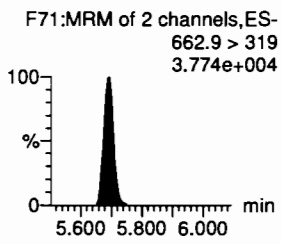

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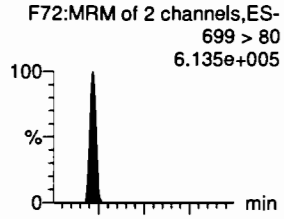

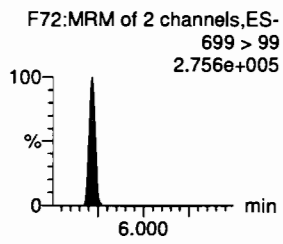

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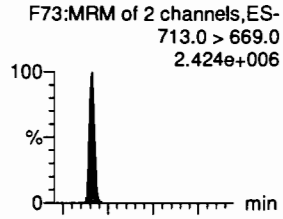
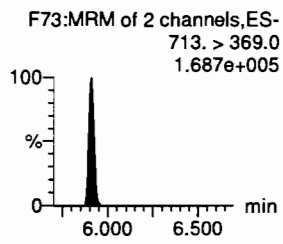
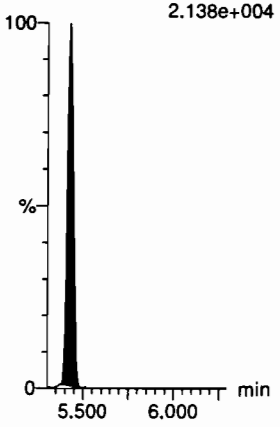
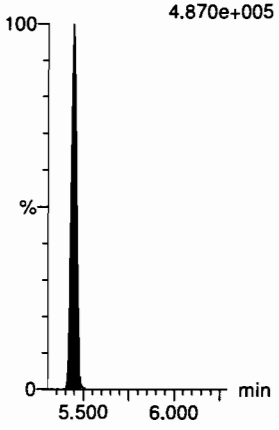




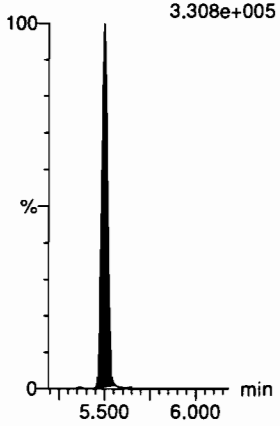
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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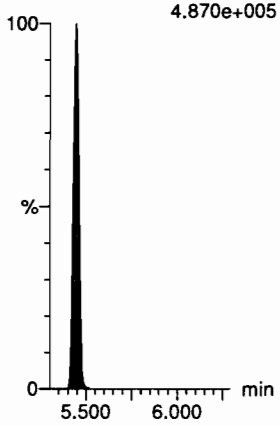
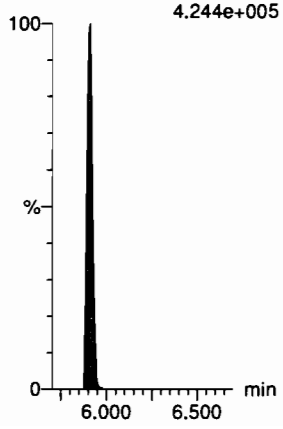


13C2-PFTeDA-EIS



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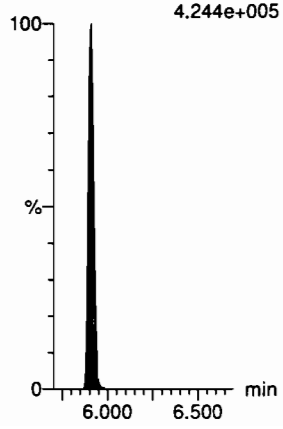

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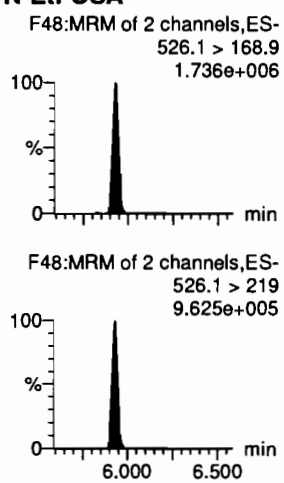
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

N-EtFOSA



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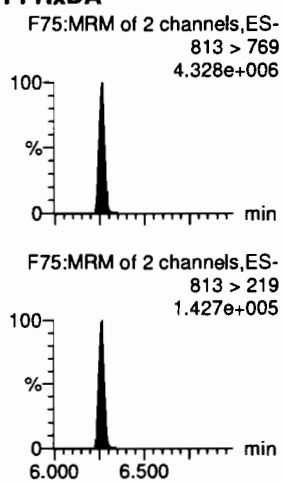

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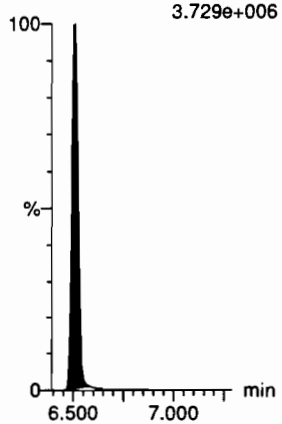
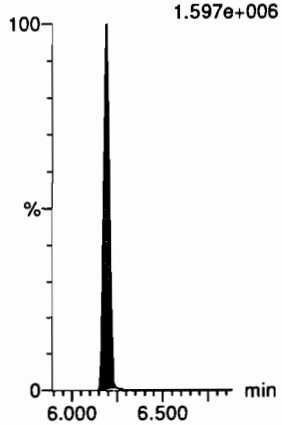


N-MeFOSE



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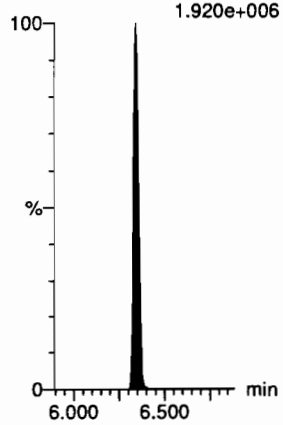

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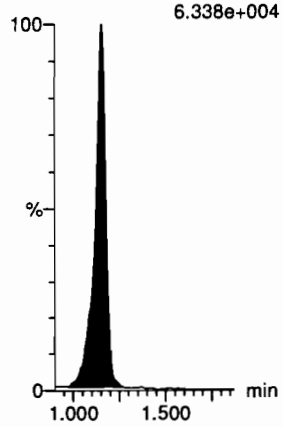
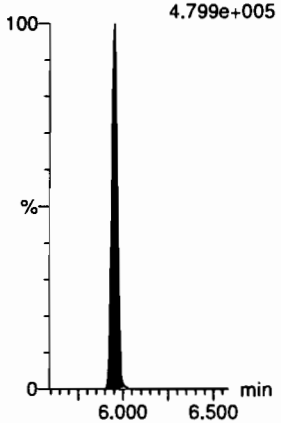


d5-N-ETFOSA-EIS



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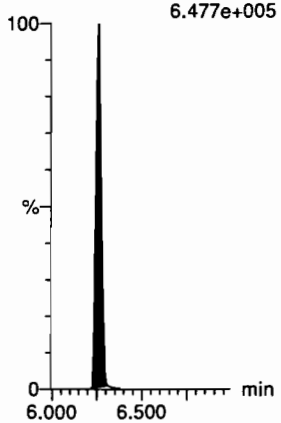

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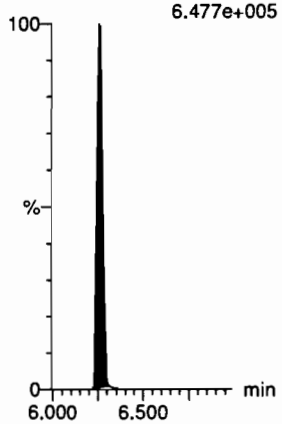

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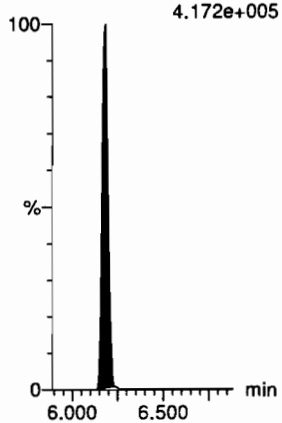

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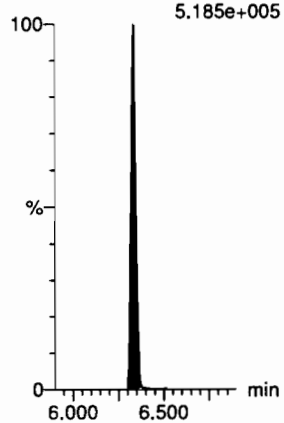

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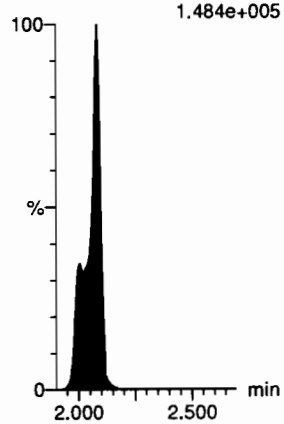

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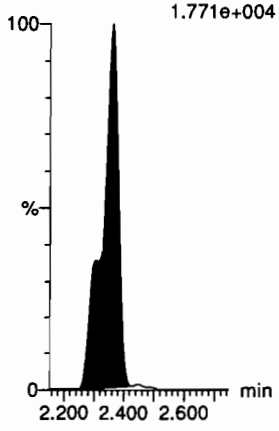
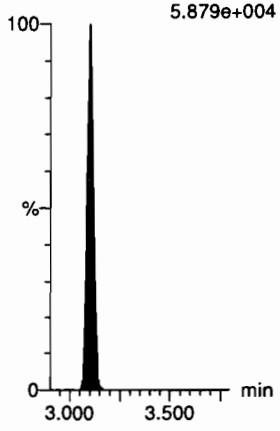
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

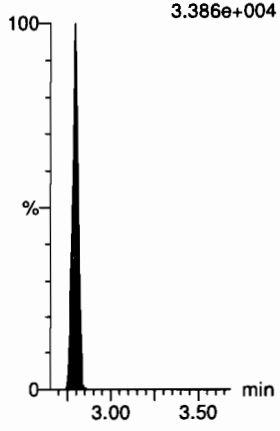
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.771e+004



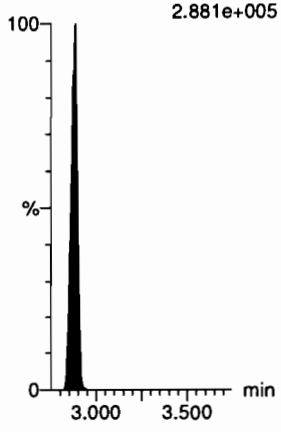
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.879e+004



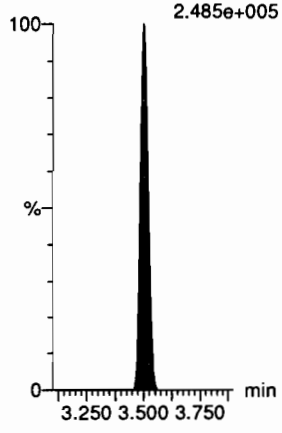
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.386e+004



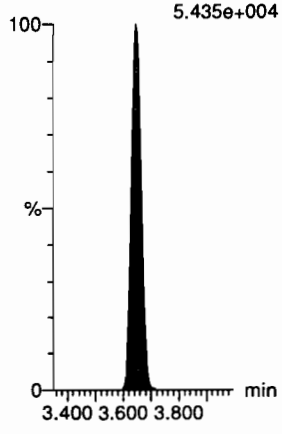
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.881e+005



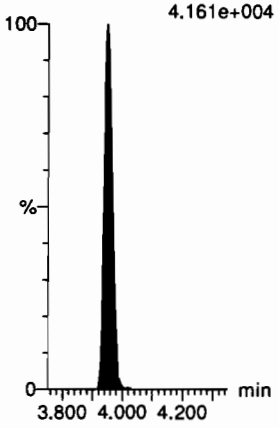
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.485e+005



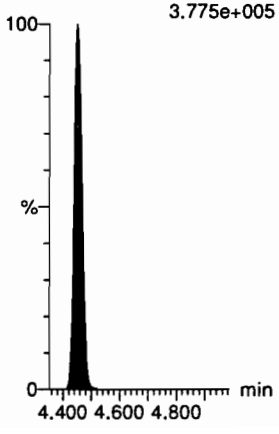
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.435e+004



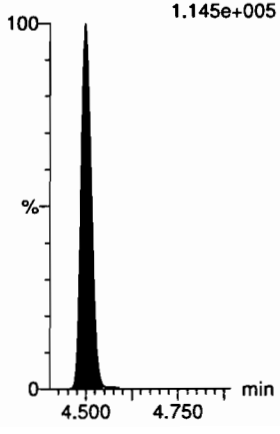
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.161e+004



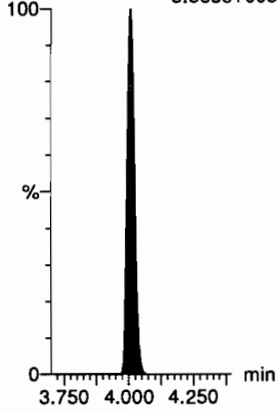
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.775e+005



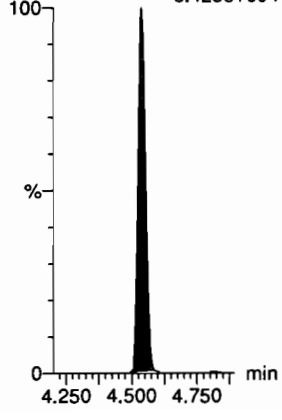
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.145e+005



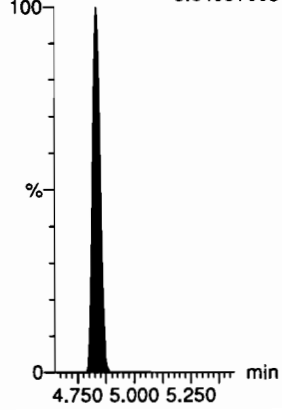
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.586e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.423e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.640e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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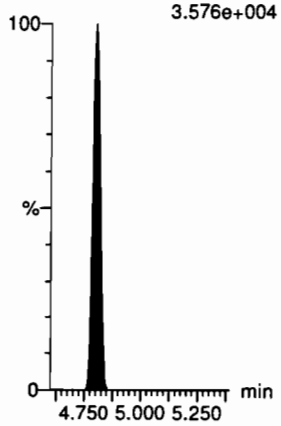
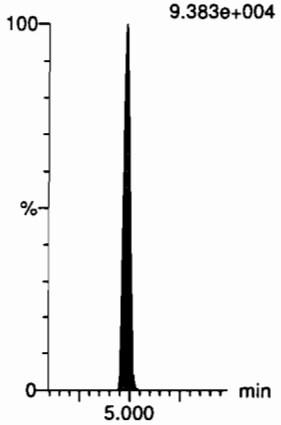
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

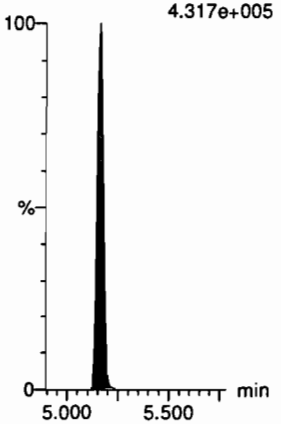
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.576e+004



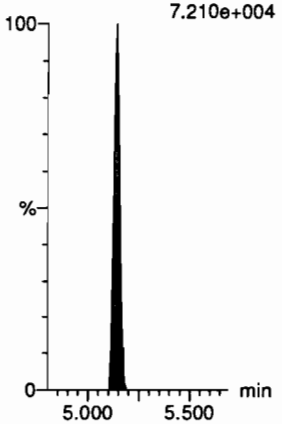
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.383e+004



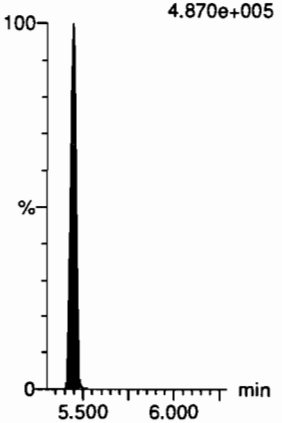
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.317e+005



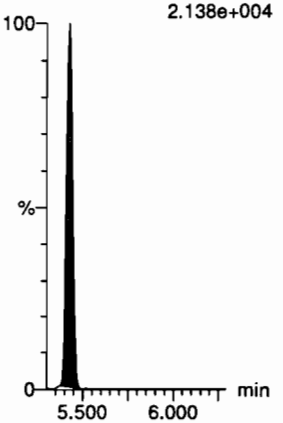
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
7.210e+004



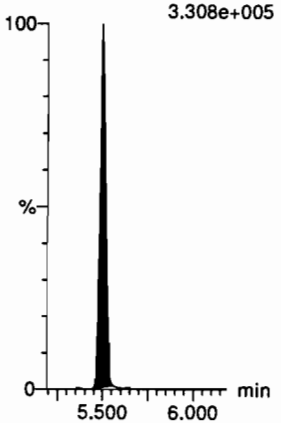
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.870e+005



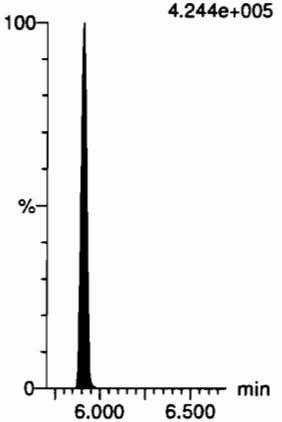
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.138e+004



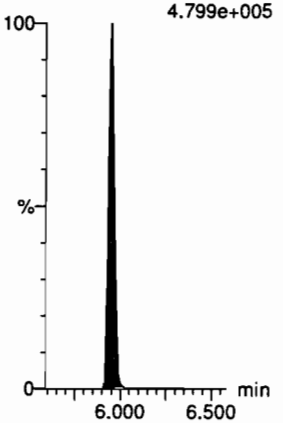
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.308e+005



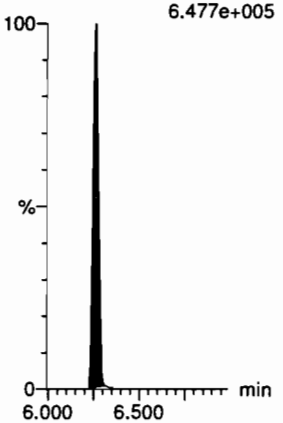
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.244e+005



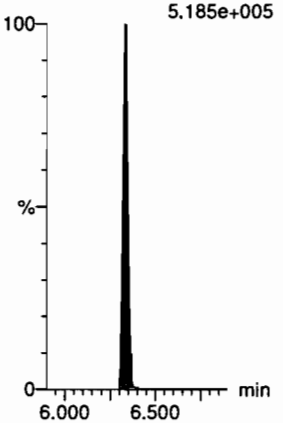
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.799e+005



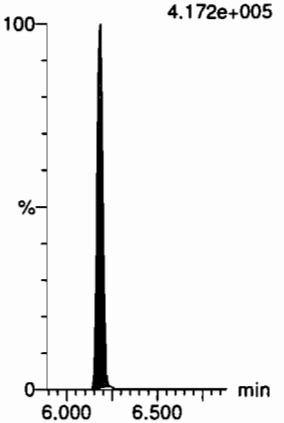
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.477e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.185e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.172e+005



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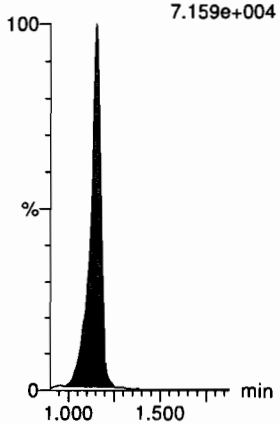
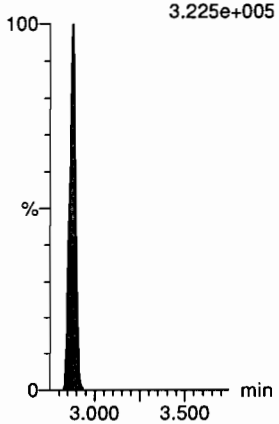
Name: 200608P1-12, Date: 08-Jun-2020, Time: 19:11:21, ID: ST200608P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

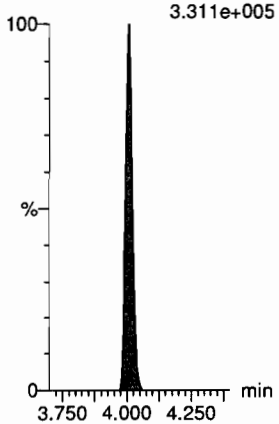
13C4-PFBA



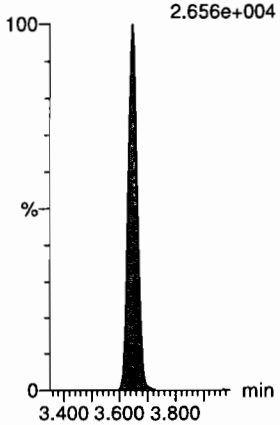
13C5-PFHxA



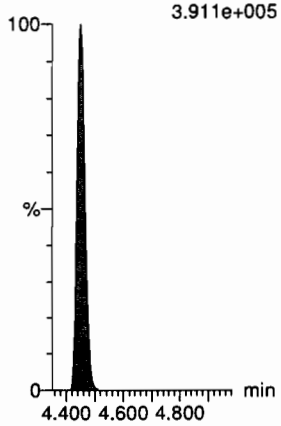
13C8-PFOA



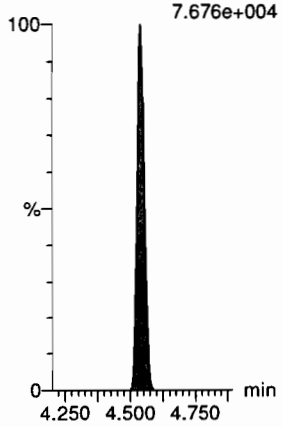
18O2-PFHxS



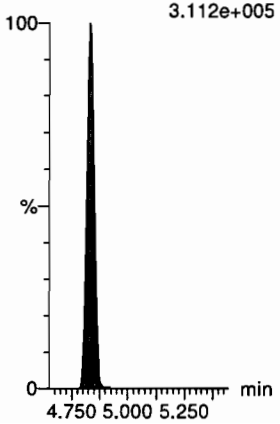
13C9-PFNA



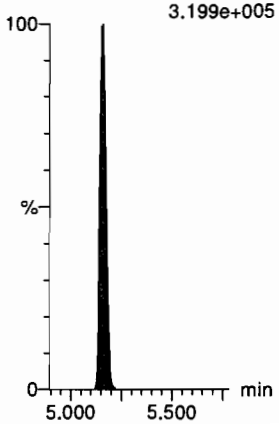
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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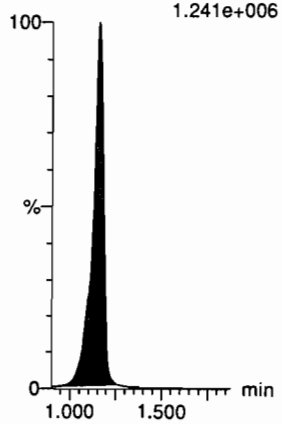
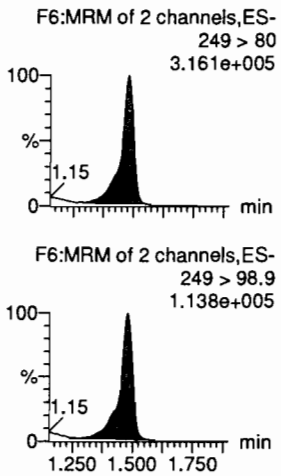
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

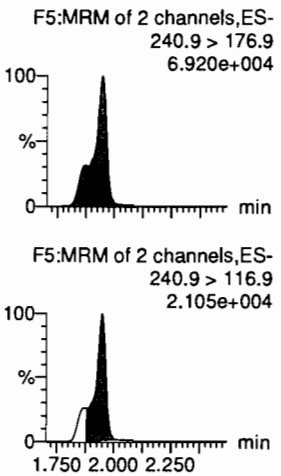
PFBA



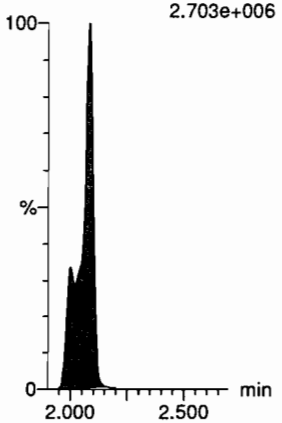
PFPrS



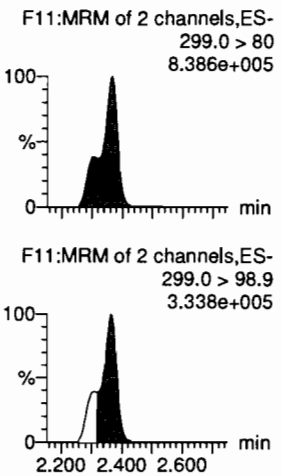
3:3 FTCA



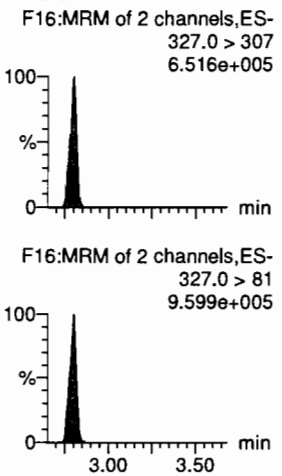
PFPeA



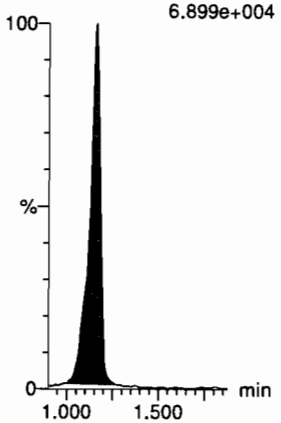
PFBS



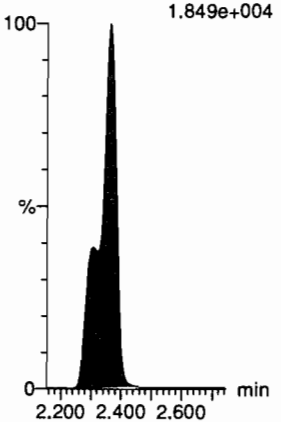
4:2 FTS



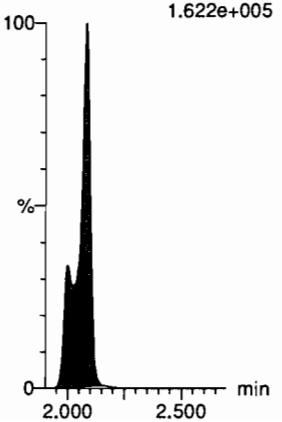
13C3-PFBA-EIS



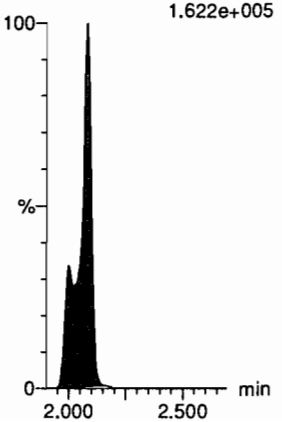
13C3-PFBS-EIS



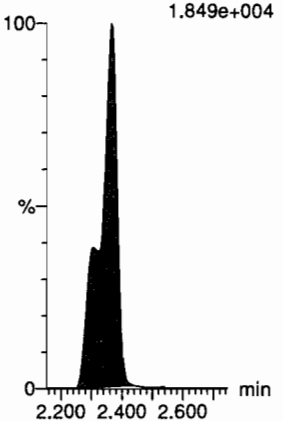
13C3-PFPeA-EIS



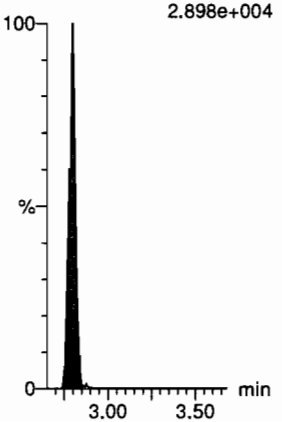
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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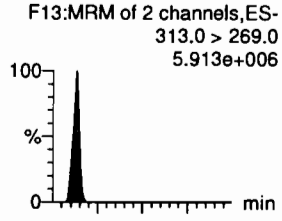
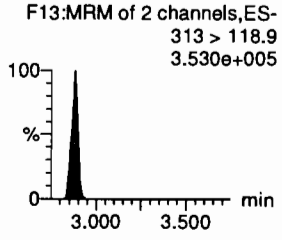
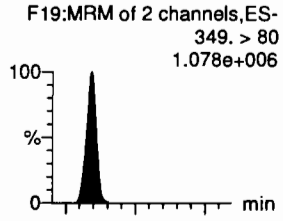
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

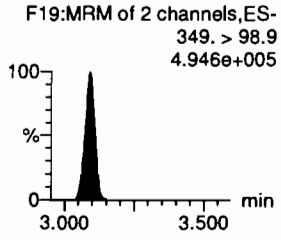
PFHxA



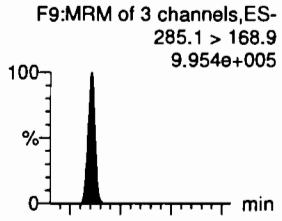


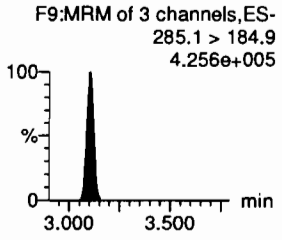
PFPeS



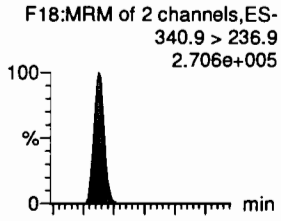


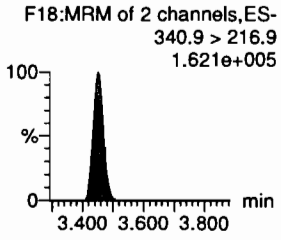
HFPO-DA



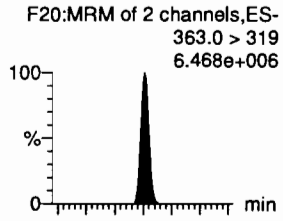


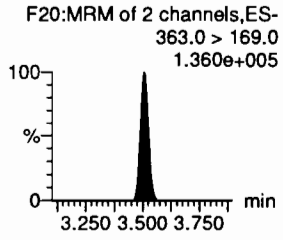
5:3 FTCA





PFHpA





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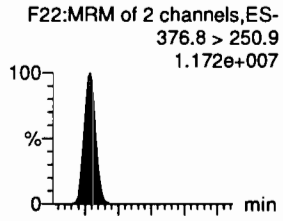
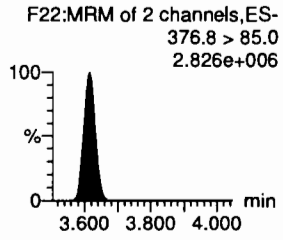
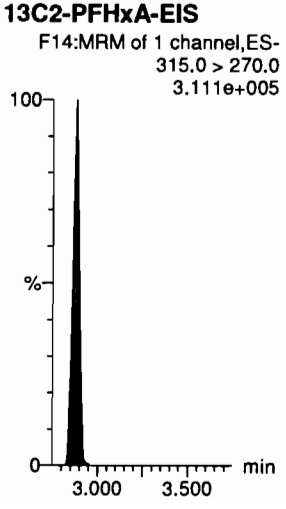
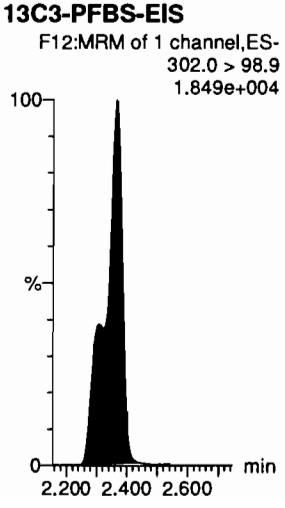




13C2-PFHxA-EIS



13C3-PFBS-EIS



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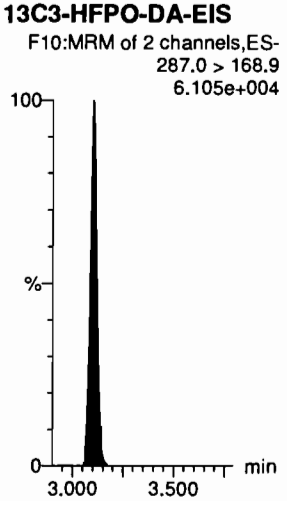

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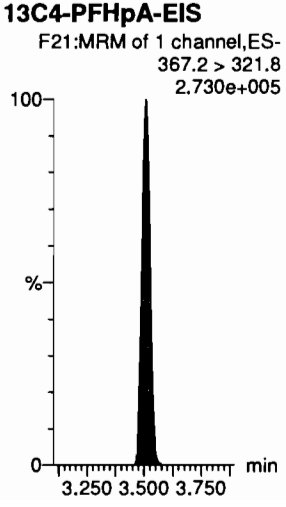

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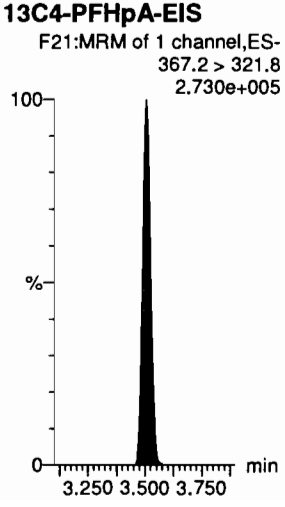

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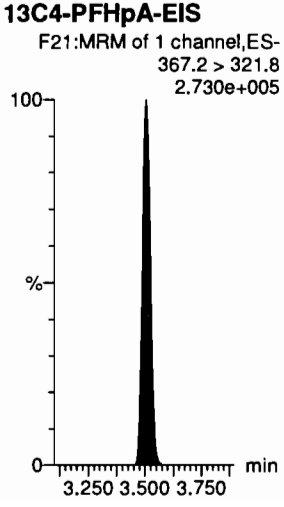

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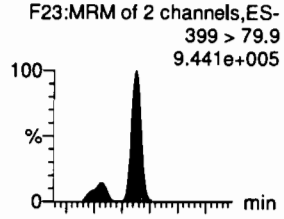
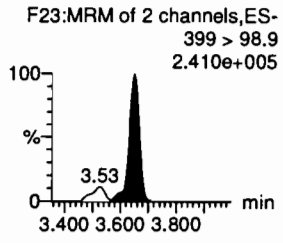
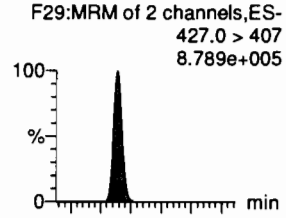
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

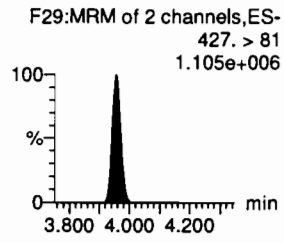
L-PFHxS





6:2 FTS





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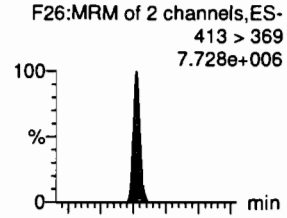

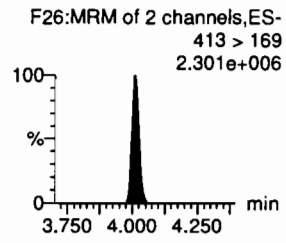

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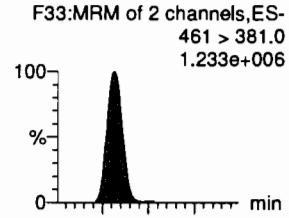

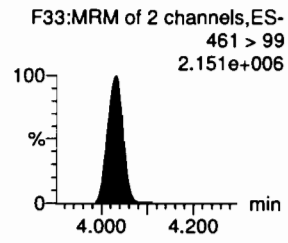

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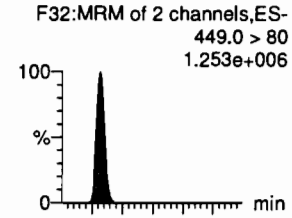
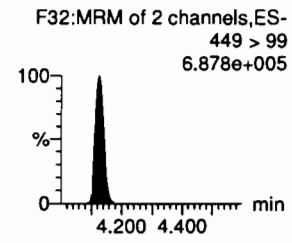
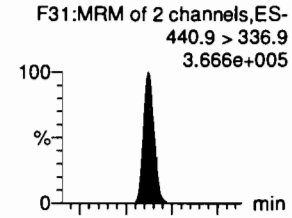
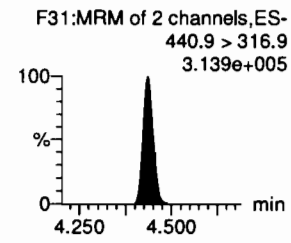




7:3 FTCA





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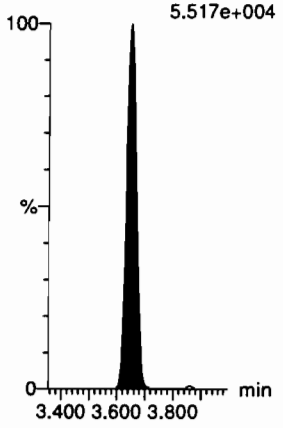
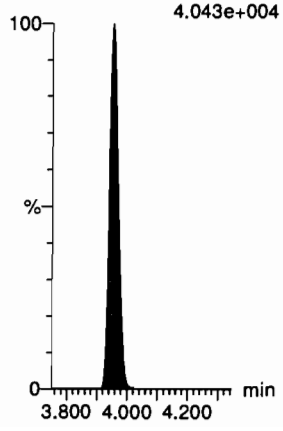
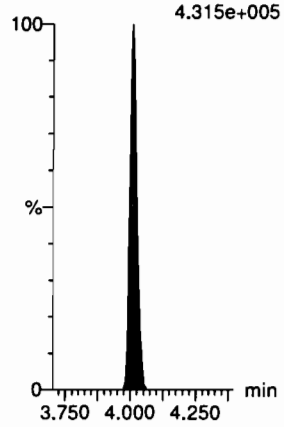


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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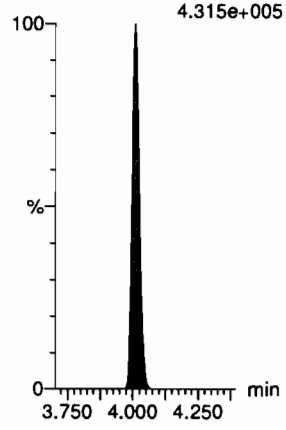
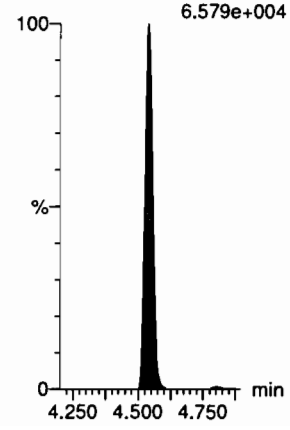
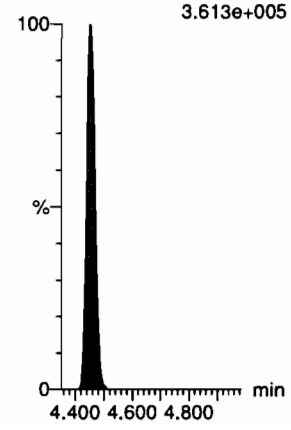


13C8-PFOS-EIS



13C5-PFNA-EIS



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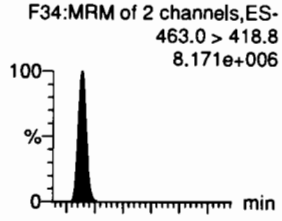

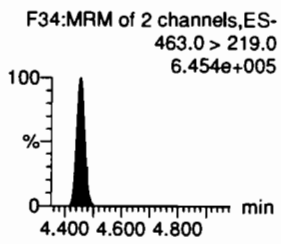

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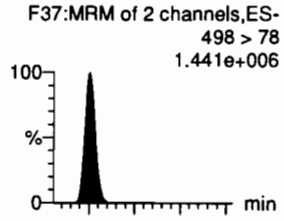
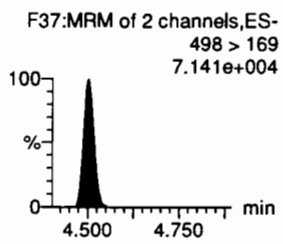
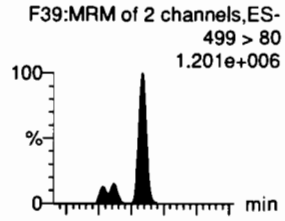
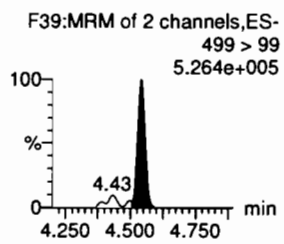




L-PFOS





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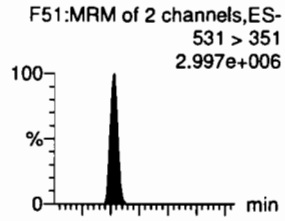

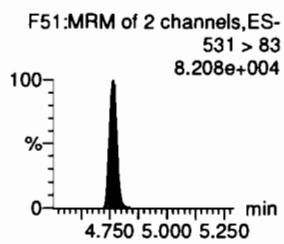

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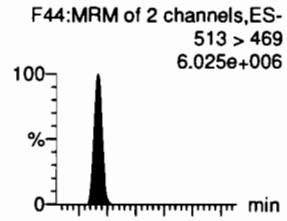
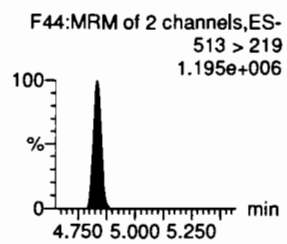
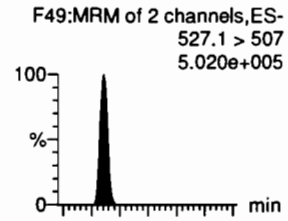
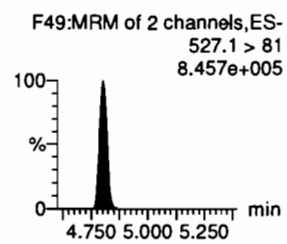


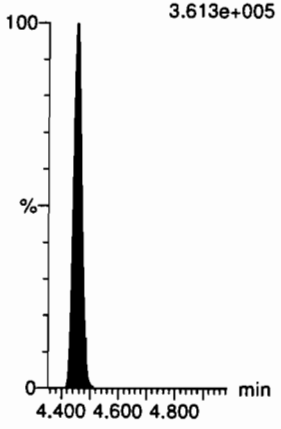


8:2 FTS

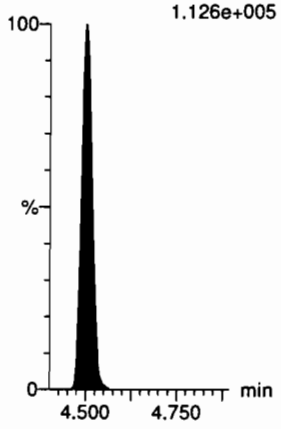




13C5-PFNA-EIS



13C8-PFOSA-EIS



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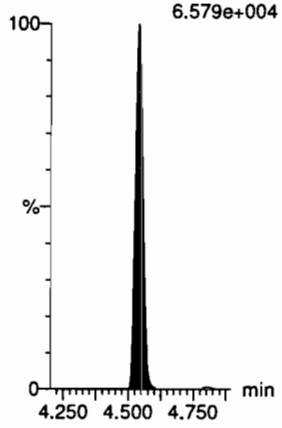

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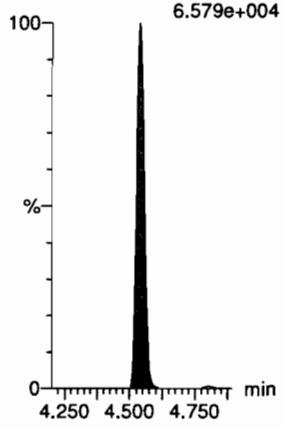

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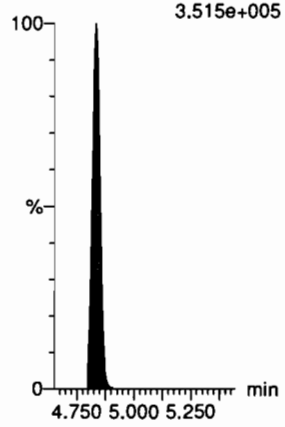
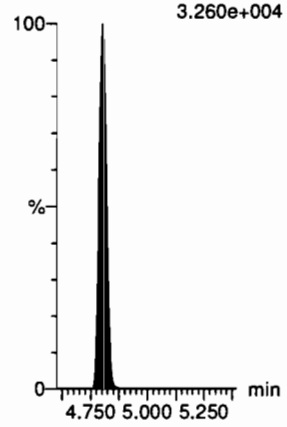


13C2-8:2 FTS-EIS



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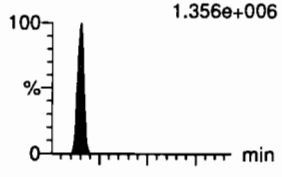
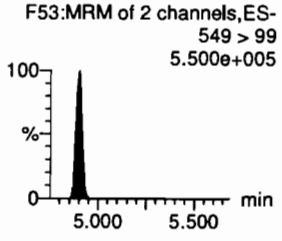
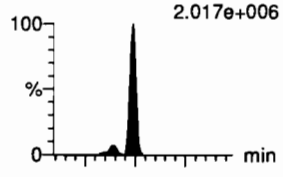
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

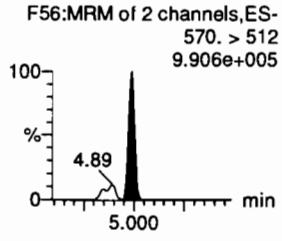
PFNS





L-MeFOSAA





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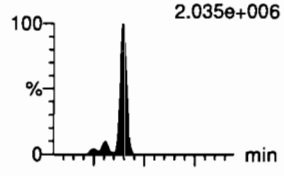
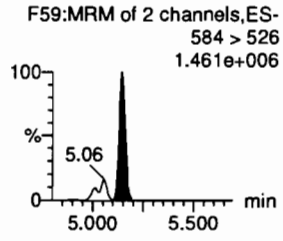
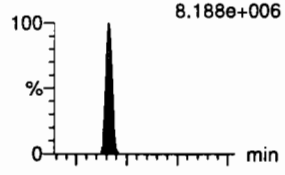
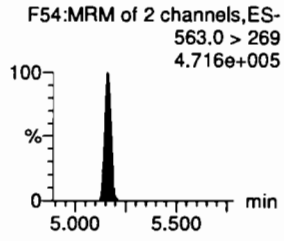




PFUdA





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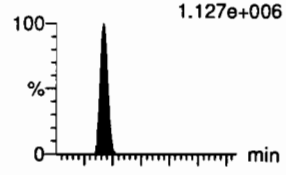
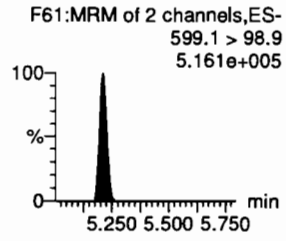
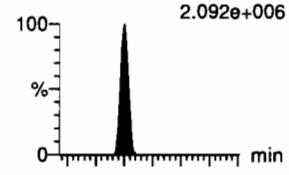
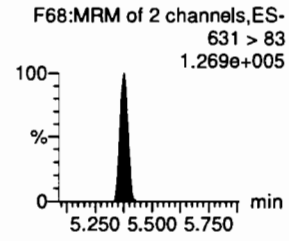


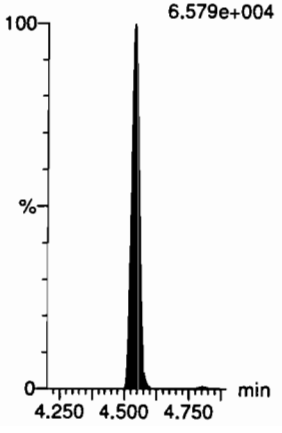


11Cl-PF30UdS

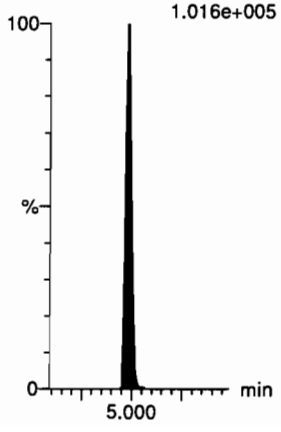




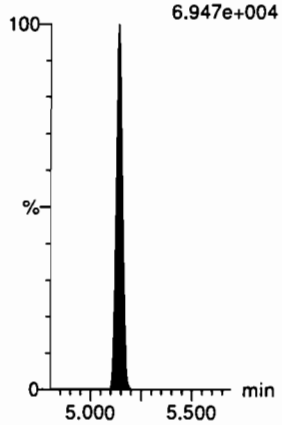
13C8-PFOS-EIS



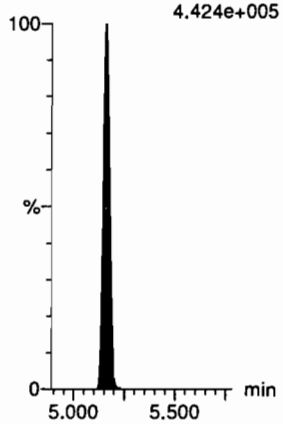
d3-N-MeFOSAA-EIS



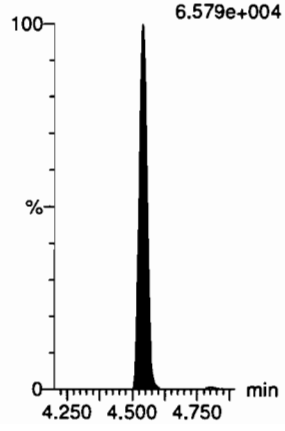
d5-N-EtFOSAA-EIS



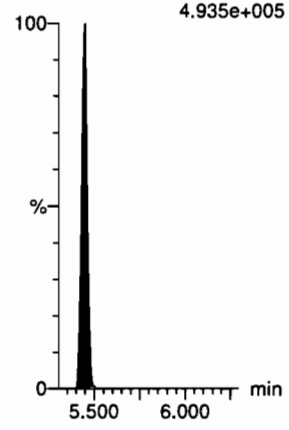
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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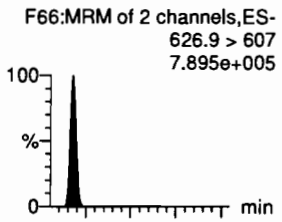
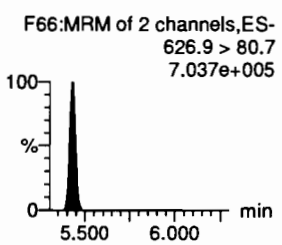
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

10:2 FTS





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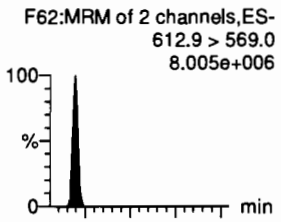
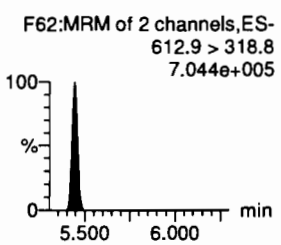
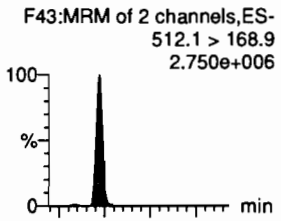
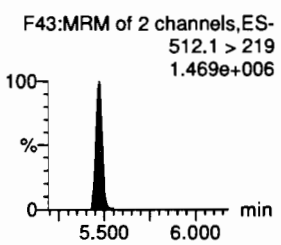




N-MeFOSA





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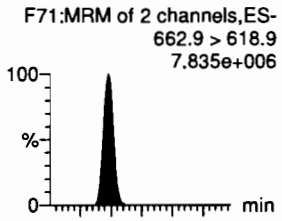
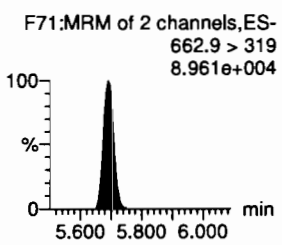
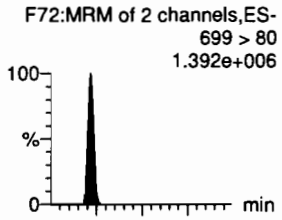
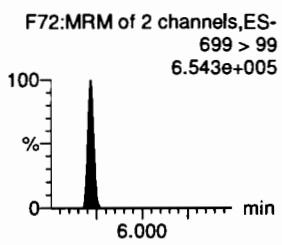




PFDoS





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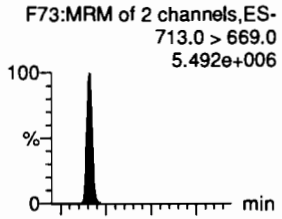
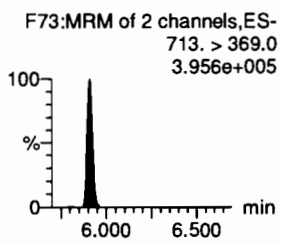
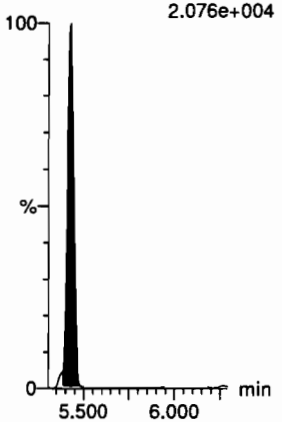
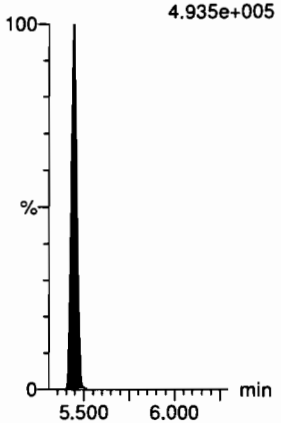




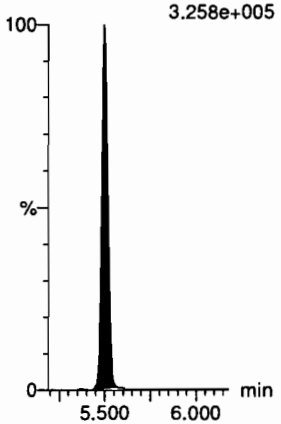
13C2-10:2 FTS-EIS



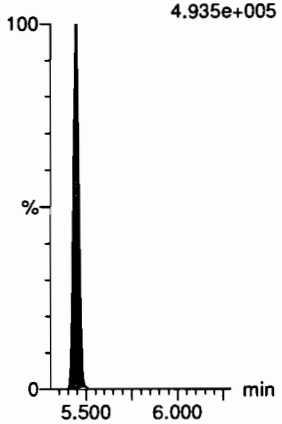
13C2-PFDoA-EIS



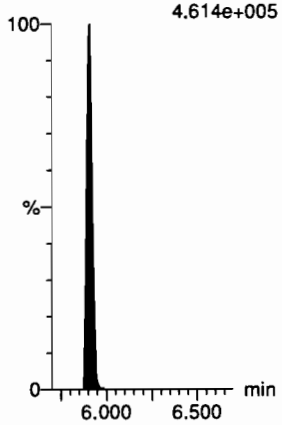
d3-N-MeFOSA-EIS



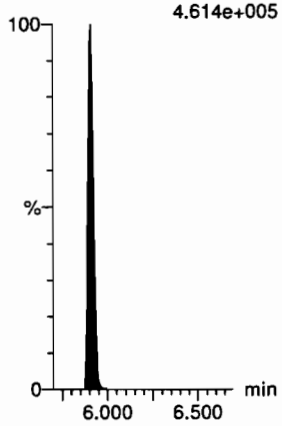
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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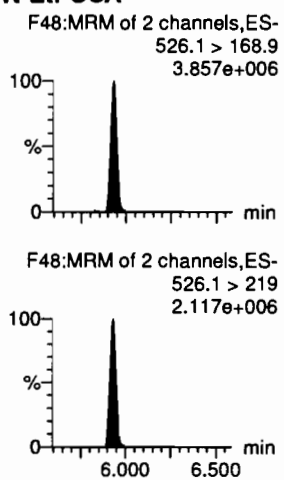
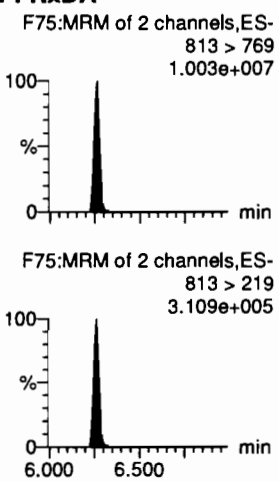
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

N-EtFOSA



PFHxDA



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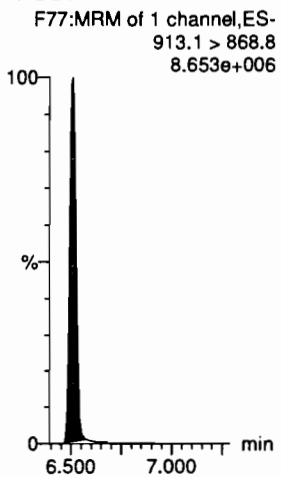
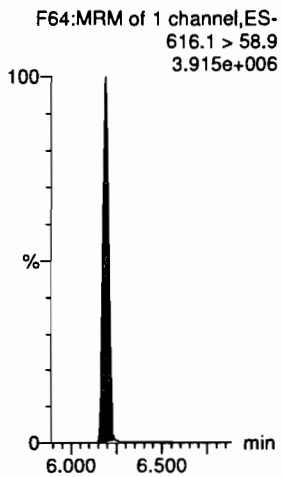
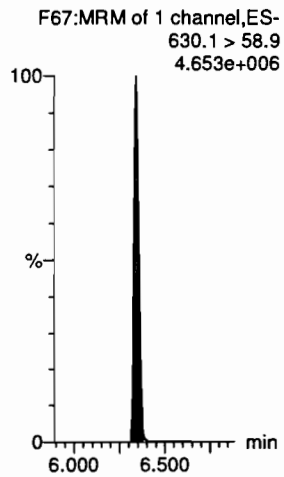


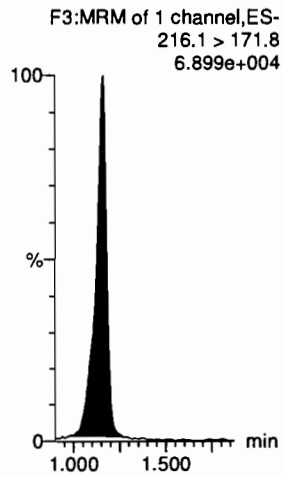
N-MeFOSE



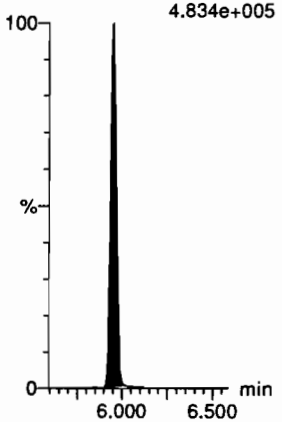
N-EtFOSE



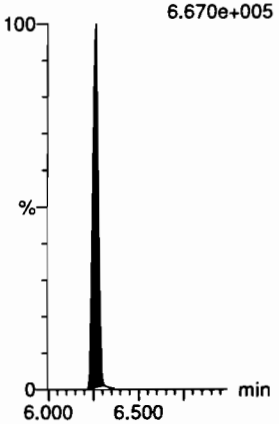
13C3-PFBA-RSD



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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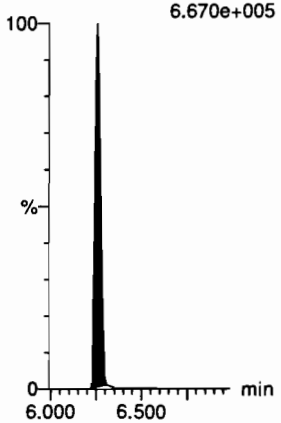
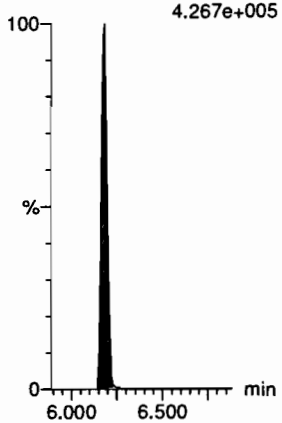
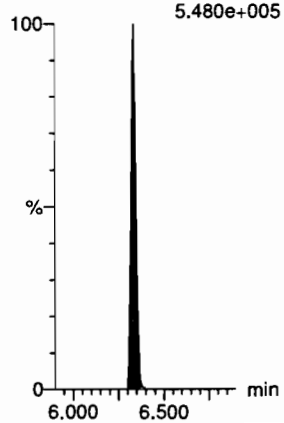


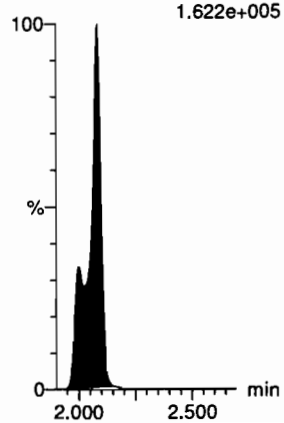
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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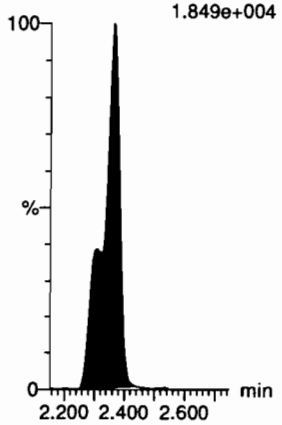
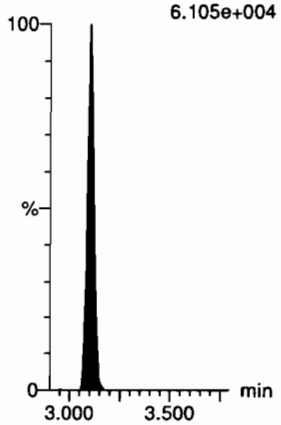
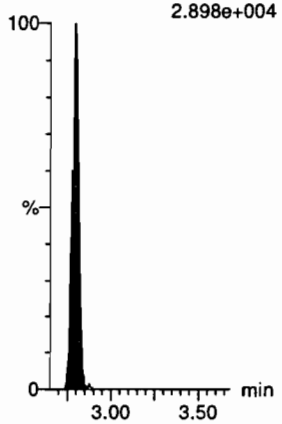
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.849e+004



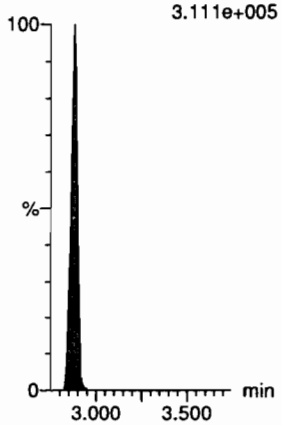
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.105e+004



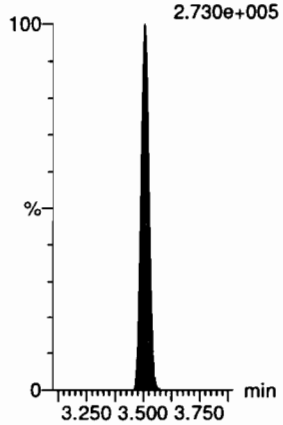
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.898e+004



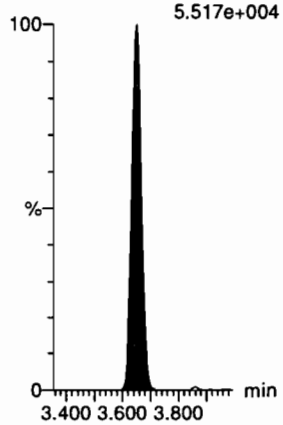
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.111e+005



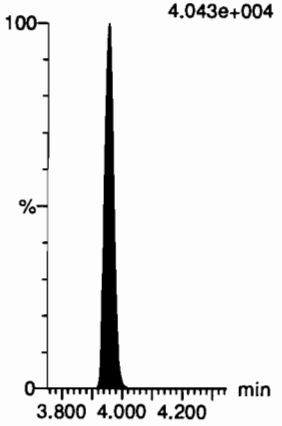
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.730e+005



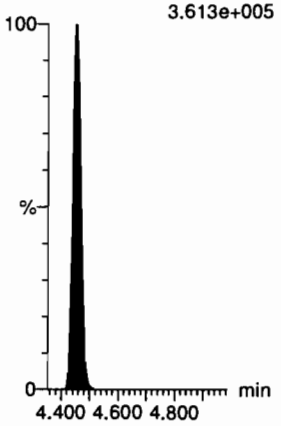
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.517e+004



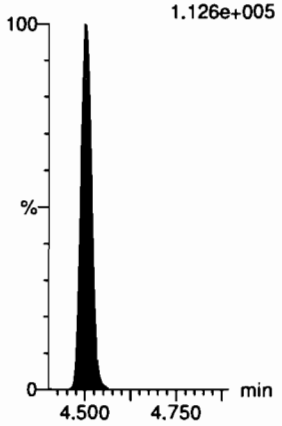
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.043e+004



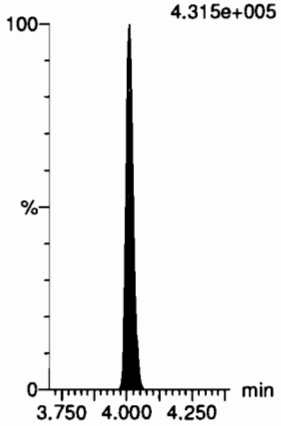
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.613e+005



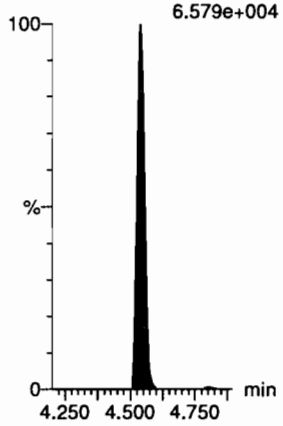
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.126e+005



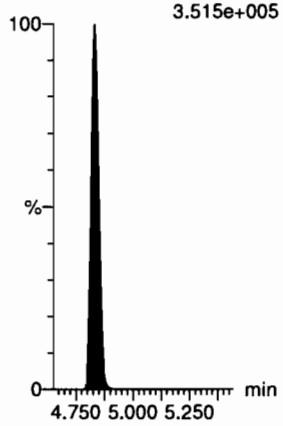
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.315e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.579e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.515e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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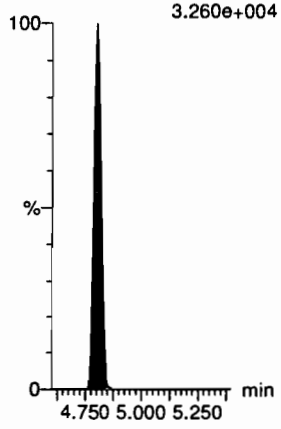
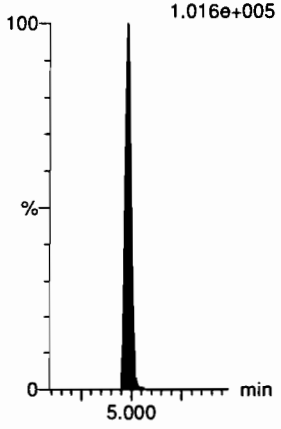
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

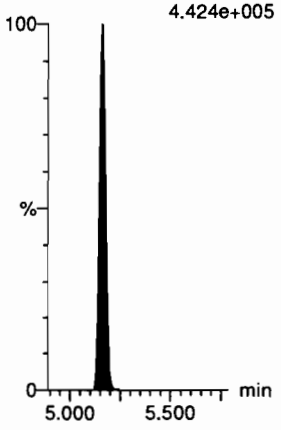
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.260e+004



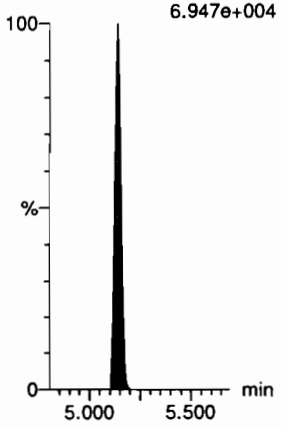
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.016e+005



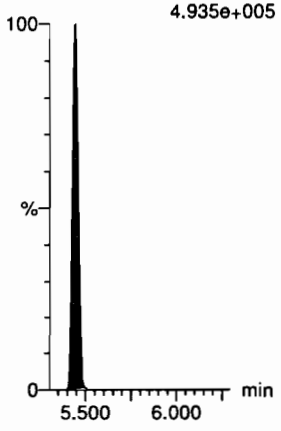
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.424e+005



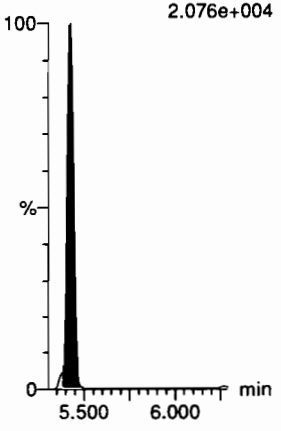
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.947e+004



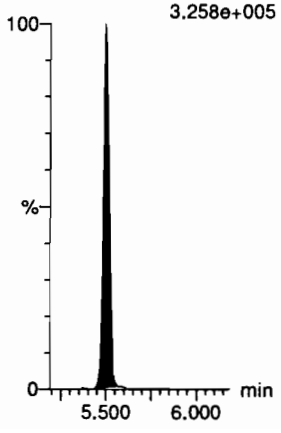
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.935e+005



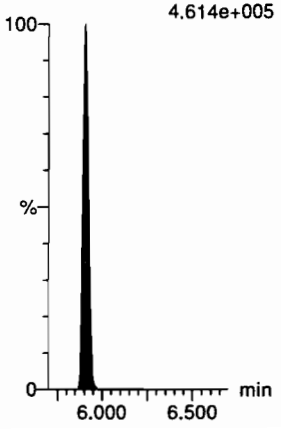
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.076e+004



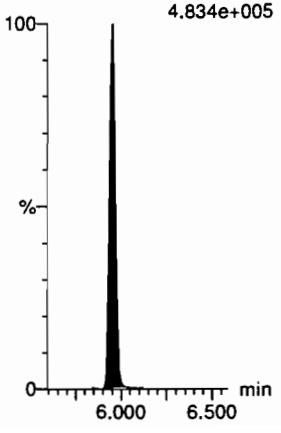
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.258e+005



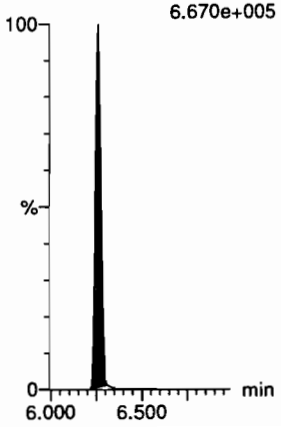
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.614e+005



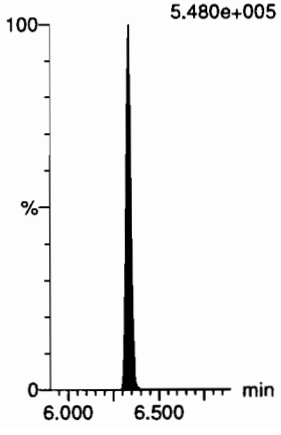
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.834e+005



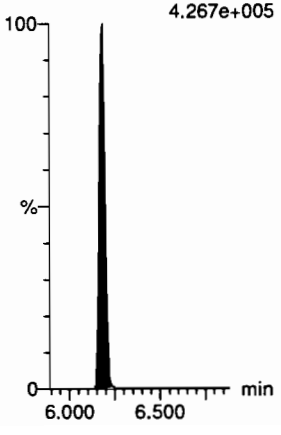
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.670e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.480e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.267e+005



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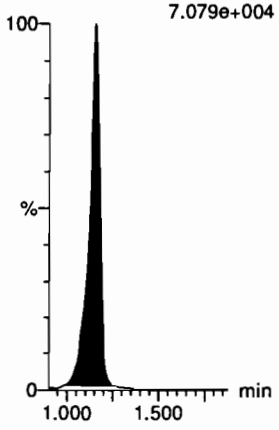
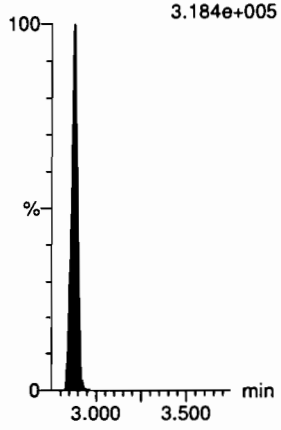
Name: 200608P1-13, Date: 08-Jun-2020, Time: 19:21:50, ID: ST200608P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

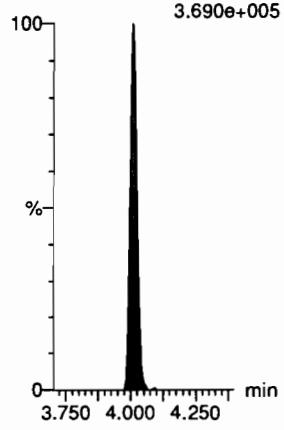
13C4-PFBA



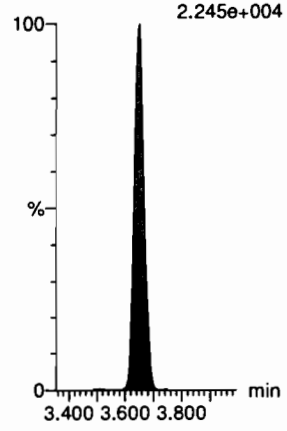
13C5-PFHxA



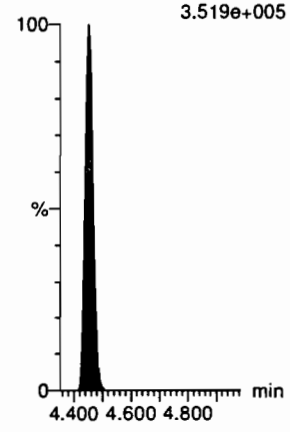
13C8-PFOA



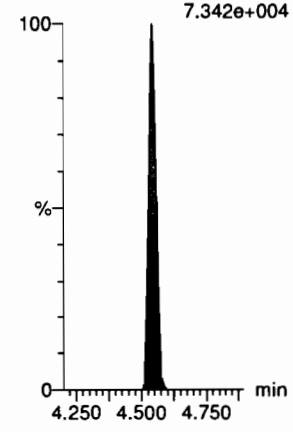
18O2-PFHxS



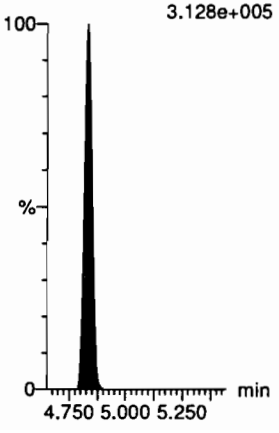
13C9-PFNA



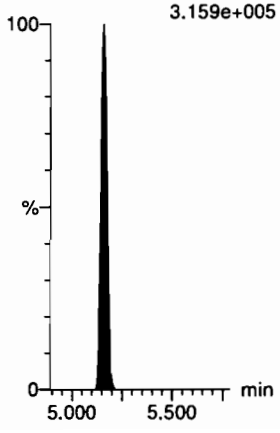
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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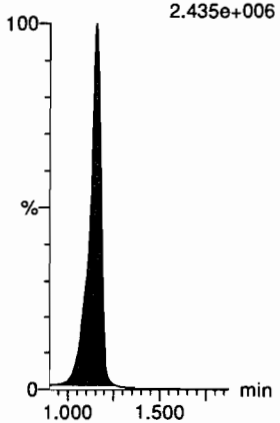
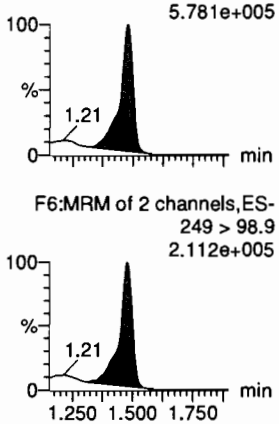
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

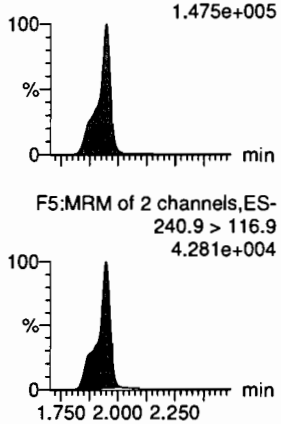
PFBA



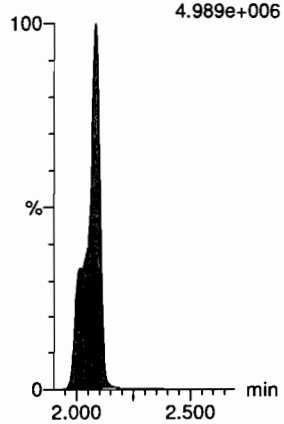
PFPrS



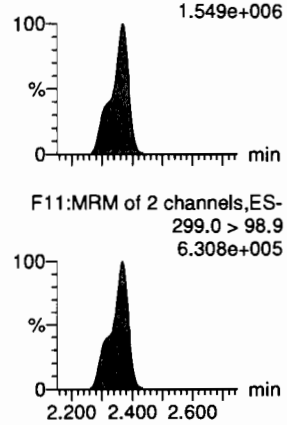
3:3 FTCA



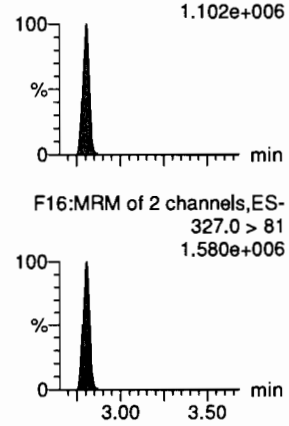
PFPeA



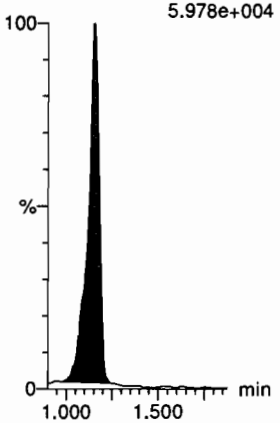
PFBS



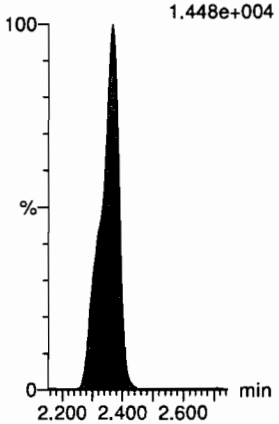
4:2 FTS



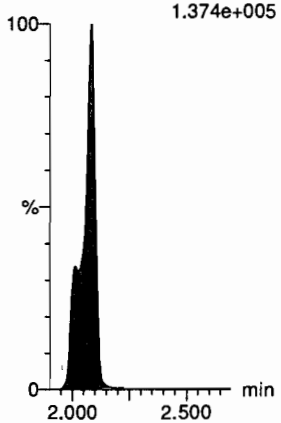
13C3-PFBA-EIS



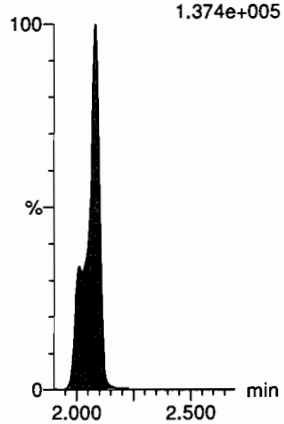
13C3-PFBS-EIS



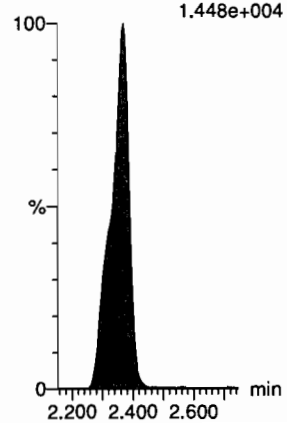
13C3-PFPeA-EIS



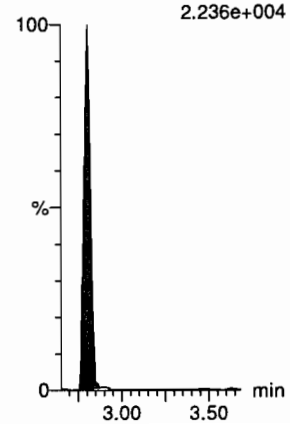
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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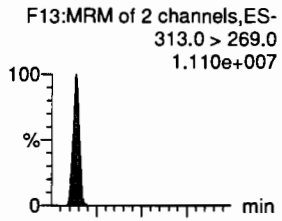
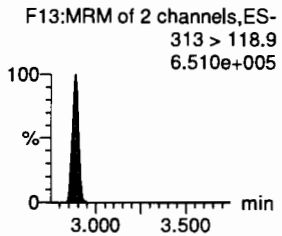
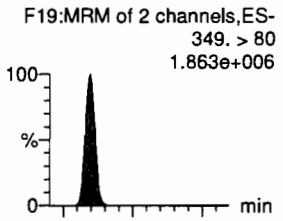
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

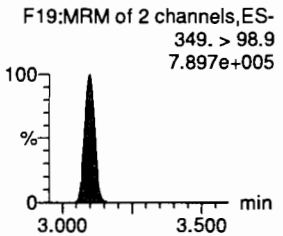
PFHxA



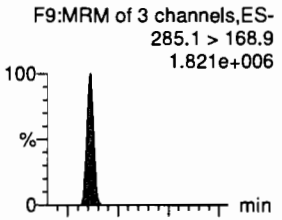


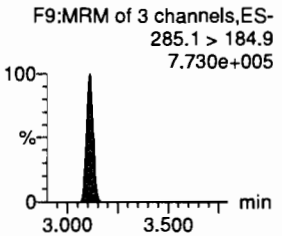
PFPeS



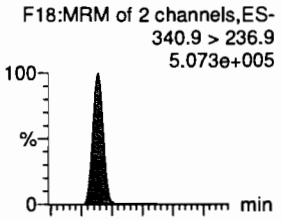


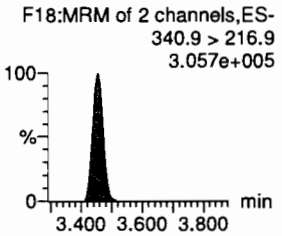
HFPO-DA





5:3 FTCA





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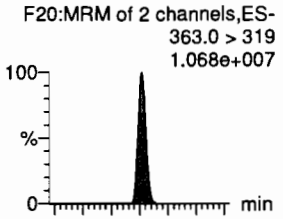

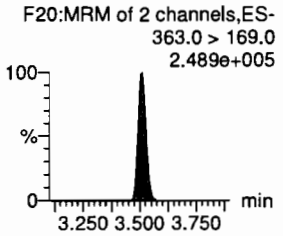

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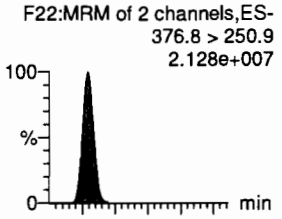
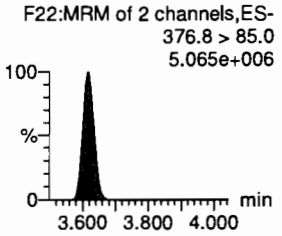
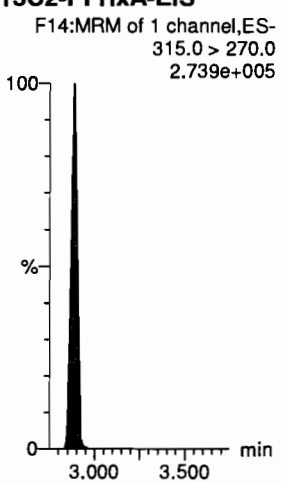
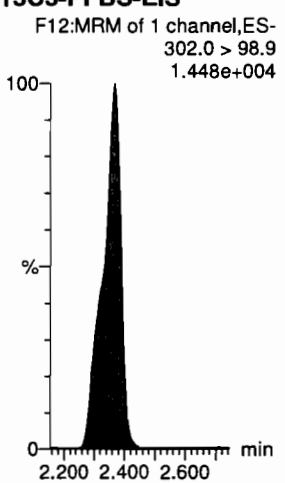




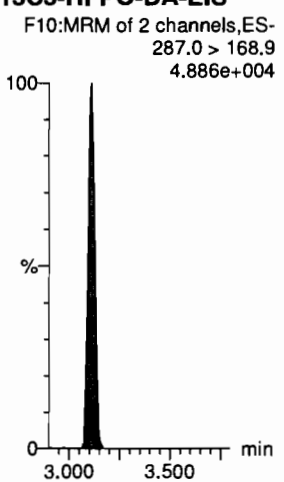
13C2-PFHxA-EIS



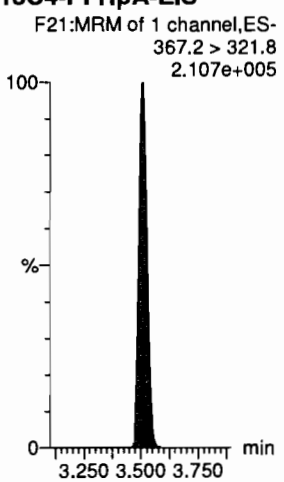
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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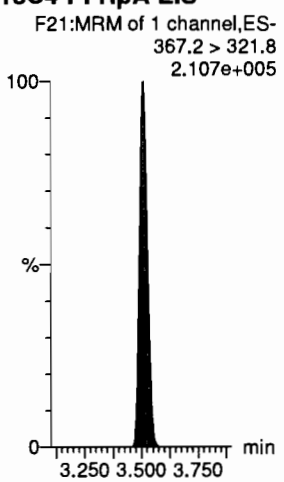
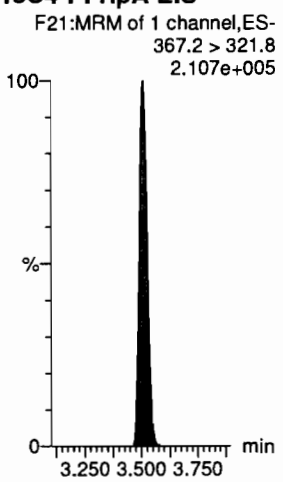


13C4-PFHpA-EIS



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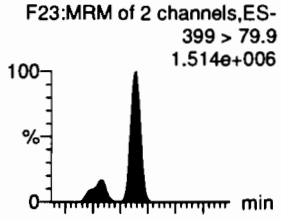
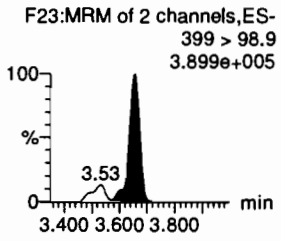
Printed: Tuesday, June 09, 2020 11:02:38 Pacific Daylight Time

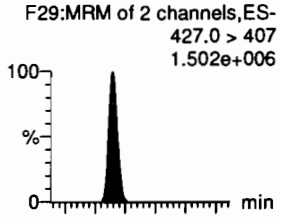
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

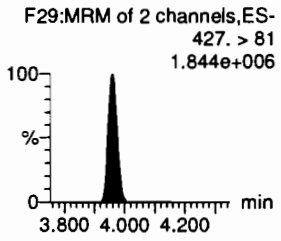
L-PFHxS



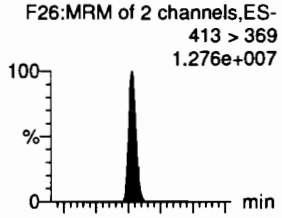


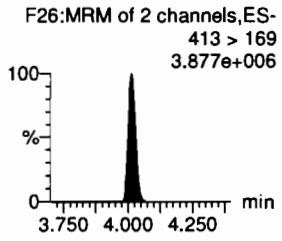
6:2 FTS



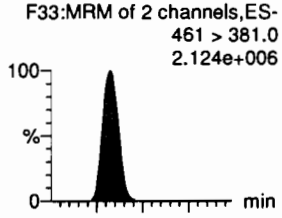


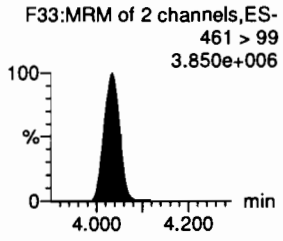
L-PFOA





PFEChS





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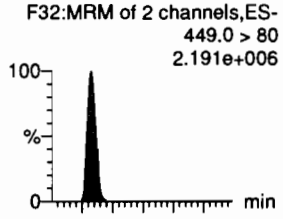
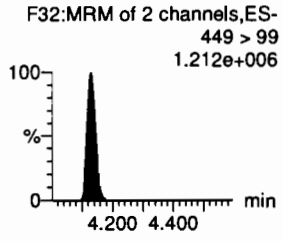
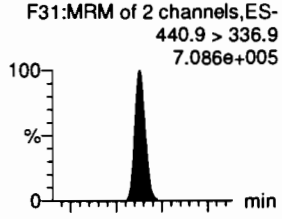
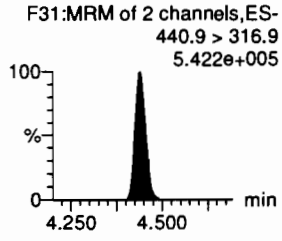


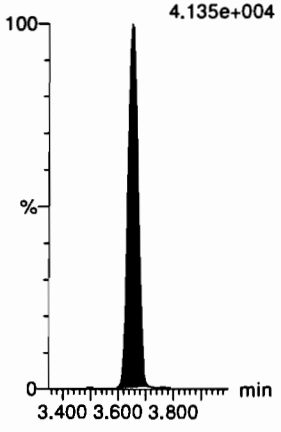


7:3 FTCA

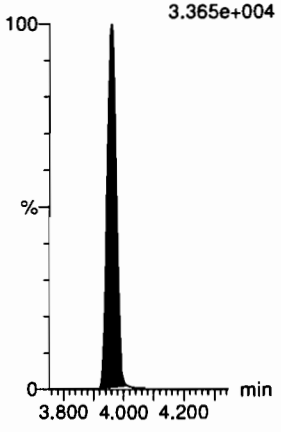




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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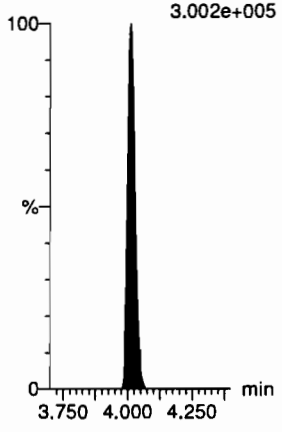
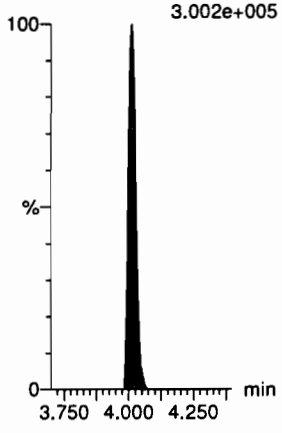
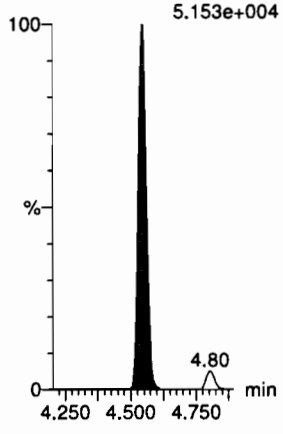


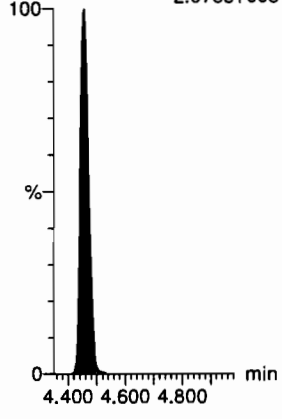
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

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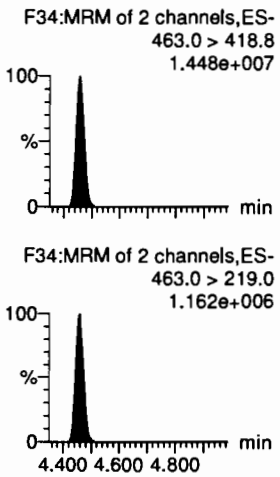

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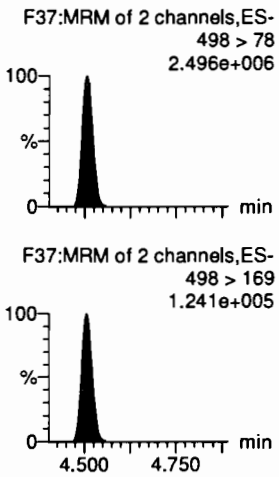
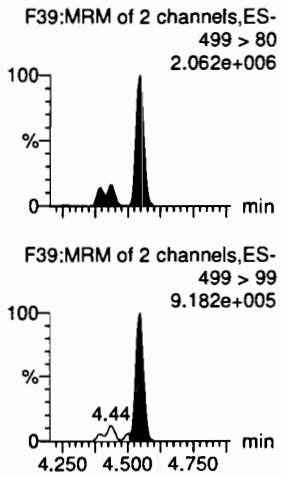
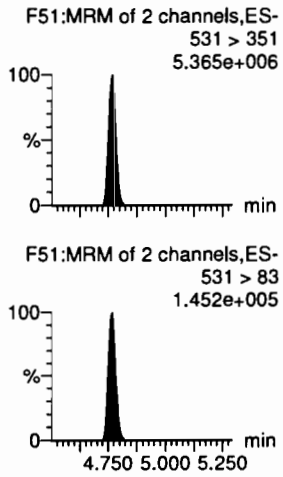


L-PFOS



9Cl-PF30NS



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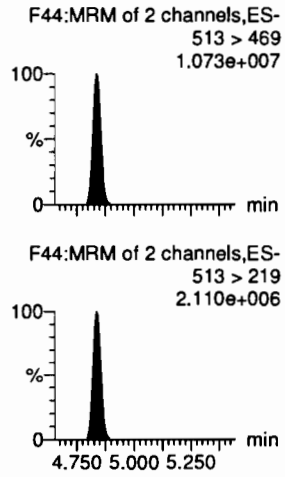
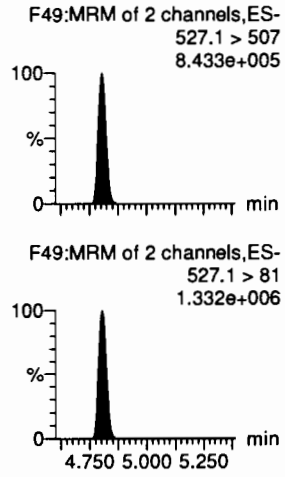
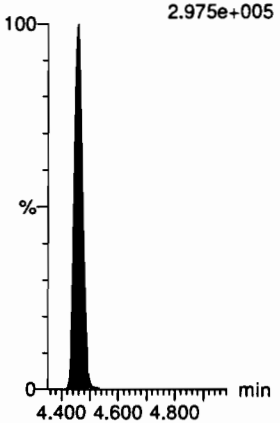


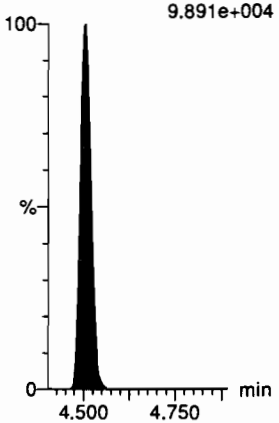
8:2 FTS



13C5-PFNA-EIS



13C8-PFOSA-EIS



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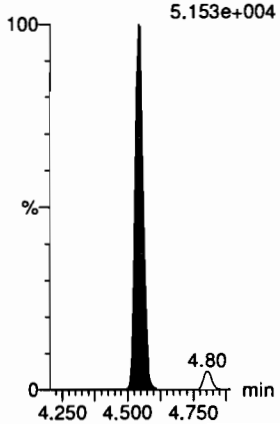
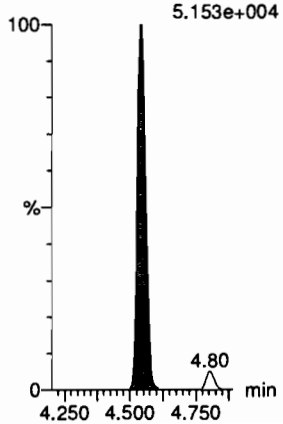


13C8-PFOS-EIS



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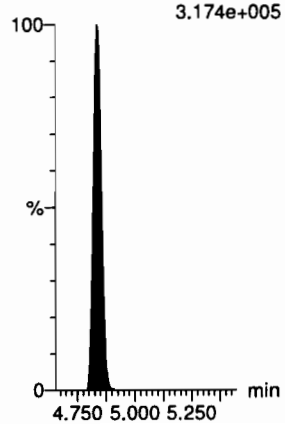
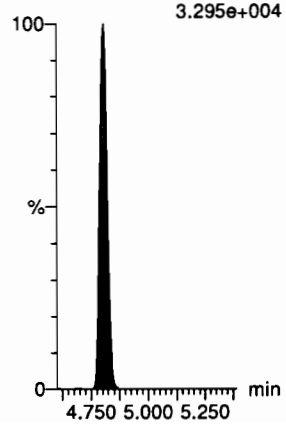


13C2-8:2 FTS-EIS



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Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

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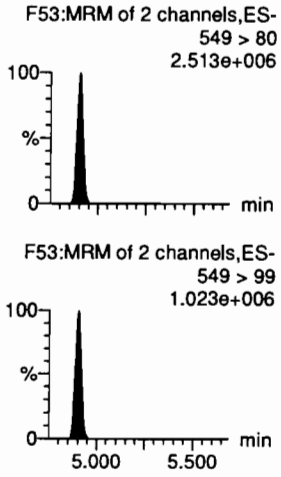

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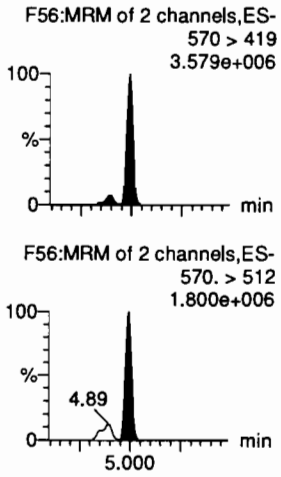
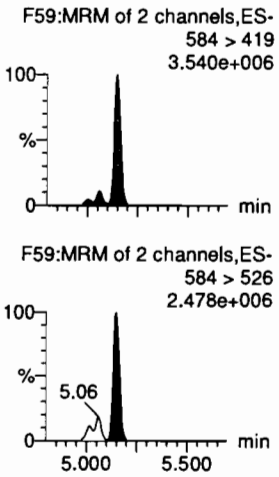
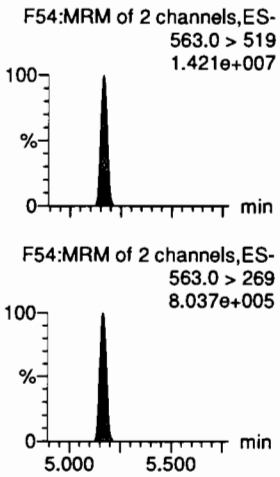


L-EtFOSAA



PFUdA



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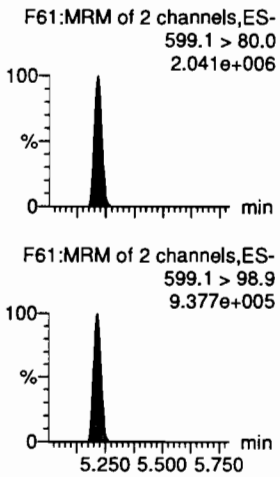

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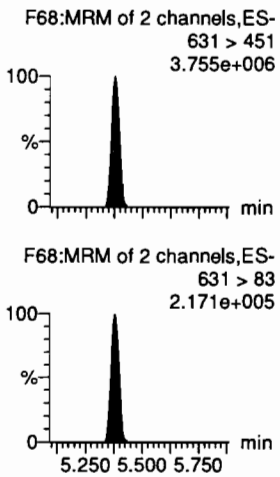
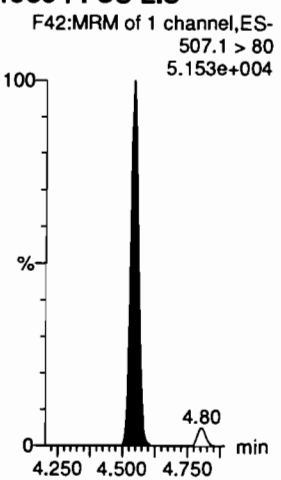


13C8-PFOS-EIS



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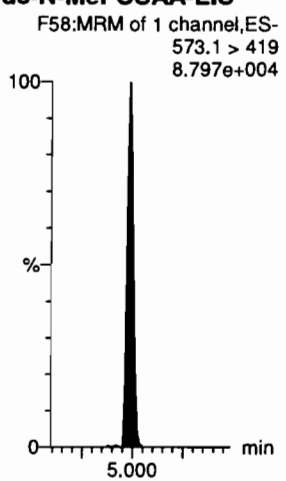

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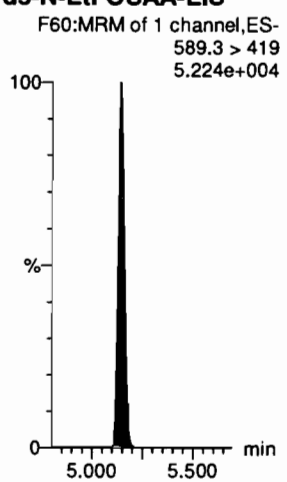

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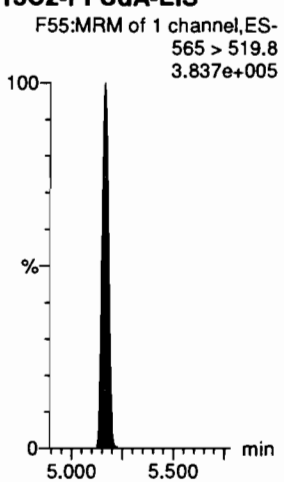

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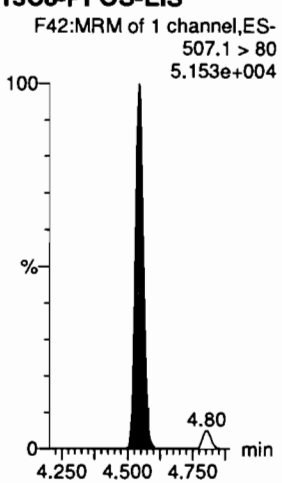

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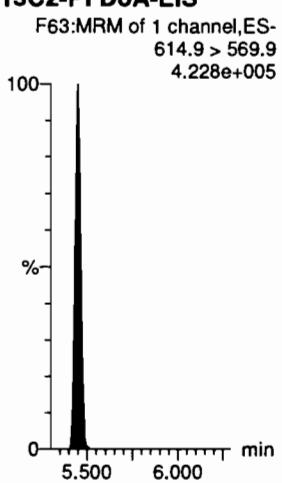

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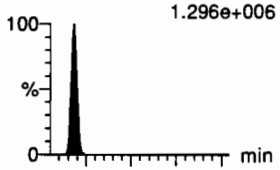
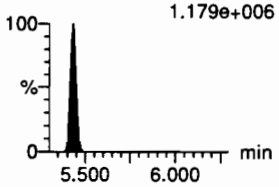
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

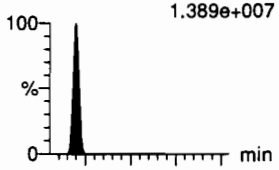
10:2 FTS
F66:MRM of 2 channels,ES-
626.9 > 607
1.296e+006



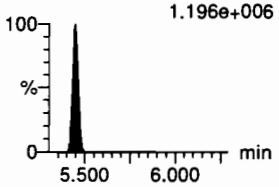
F66:MRM of 2 channels,ES-
626.9 > 80.7
1.179e+006



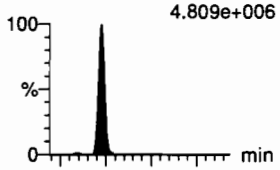
PFDoA
F62:MRM of 2 channels,ES-
612.9 > 569.0
1.389e+007



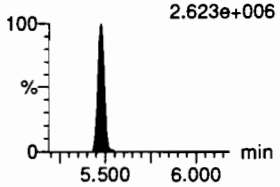
F62:MRM of 2 channels,ES-
612.9 > 318.8
1.196e+006



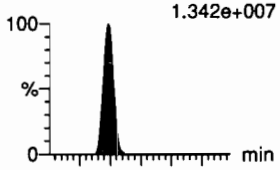
N-MeFOSA
F43:MRM of 2 channels,ES-
512.1 > 168.9
4.809e+006



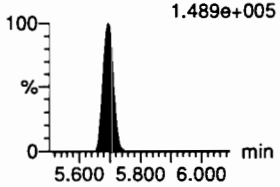
F43:MRM of 2 channels,ES-
512.1 > 219
2.623e+006



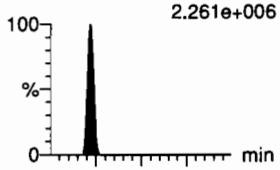
PFTrDA
F71:MRM of 2 channels,ES-
662.9 > 618.9
1.342e+007



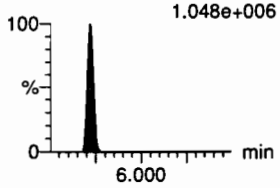
F71:MRM of 2 channels,ES-
662.9 > 319
1.489e+005



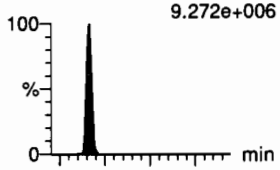
PFDoS
F72:MRM of 2 channels,ES-
699 > 80
2.261e+006



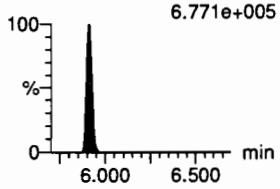
F72:MRM of 2 channels,ES-
699 > 99
1.048e+006



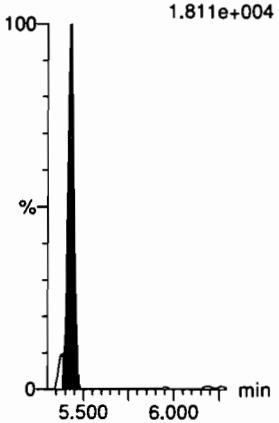
PFTeDA
F73:MRM of 2 channels,ES-
713.0 > 669.0
9.272e+006



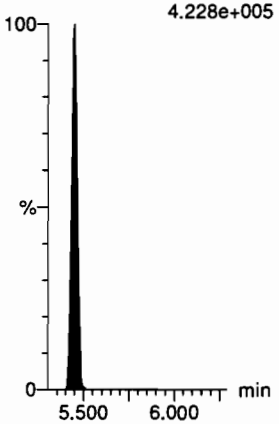
F73:MRM of 2 channels,ES-
713. > 369.0
6.771e+005



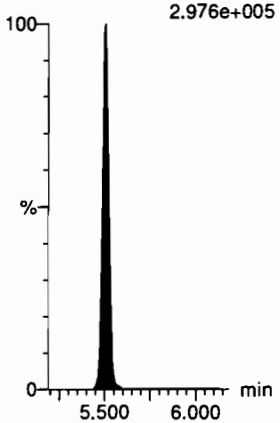
13C2-10:2 FTS-EIS
F69:MRM of 1 channel,ES-
632.9 > 80.0
1.811e+004



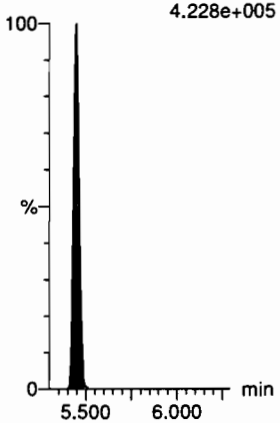
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.228e+005



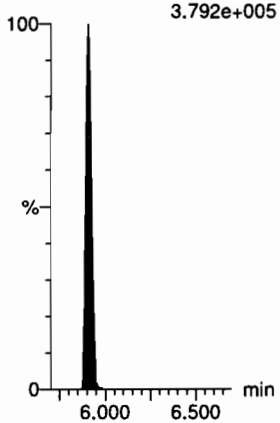
d3-N-MeFOSA-EIS
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.976e+005



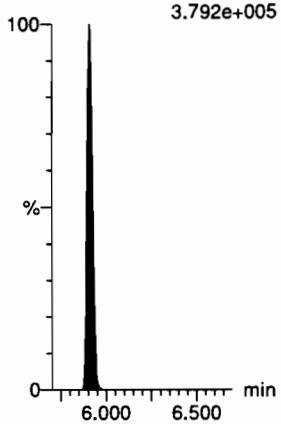
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.228e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.792e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.792e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:01:41 Pacific Daylight Time
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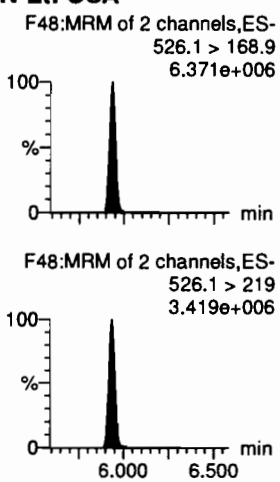
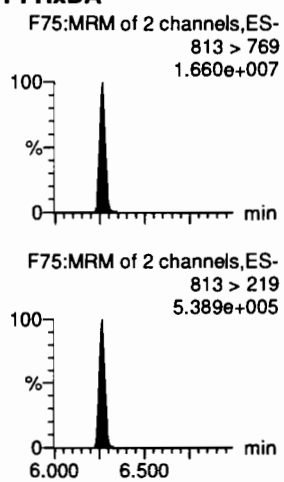
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

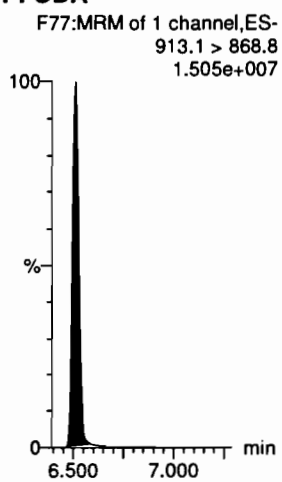
N-EtFOSA



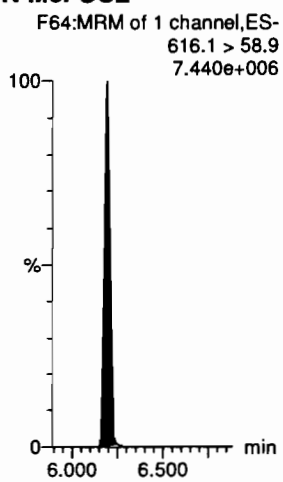
PFHxDA



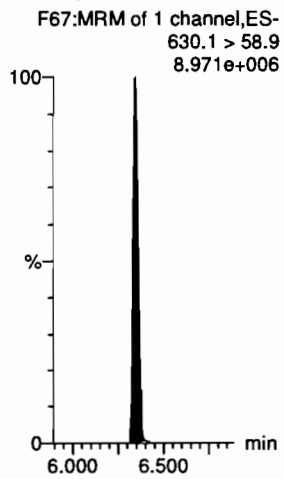
PFODA



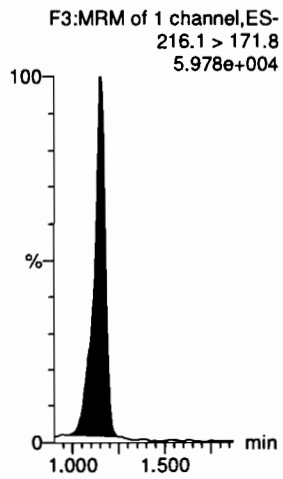
N-MeFOSE



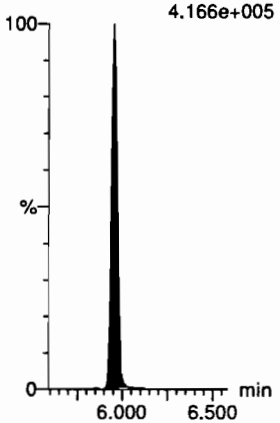
N-EtFOSE



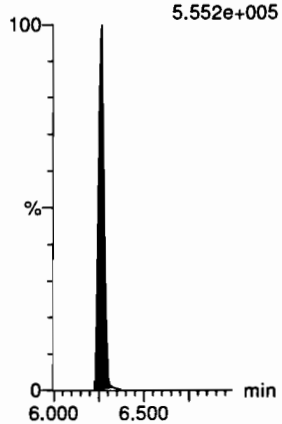
13C3-PFBA-RSD



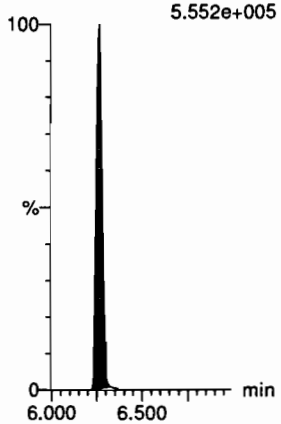
d5-N-ETFOSA-EIS



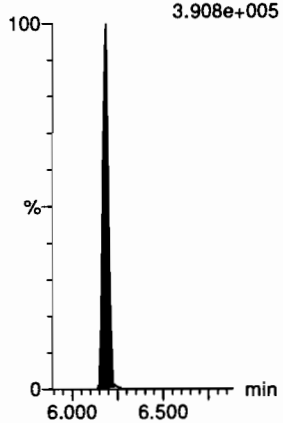
13C2-PFHxDA-EIS



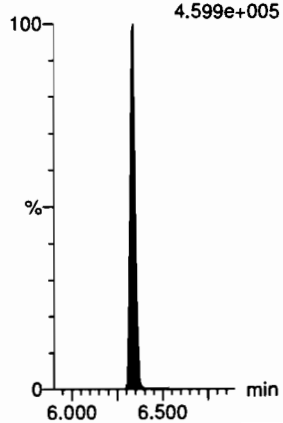
13C2-PFHxDA-EIS



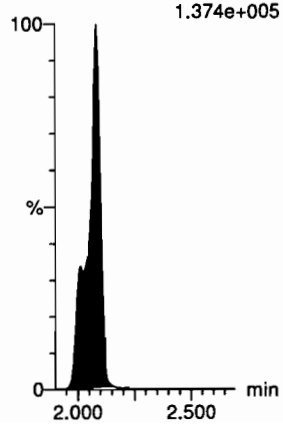
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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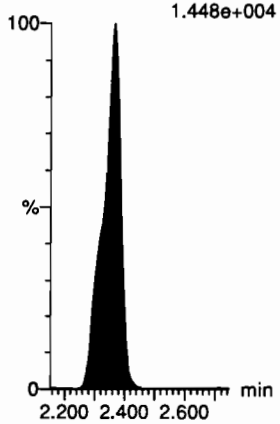
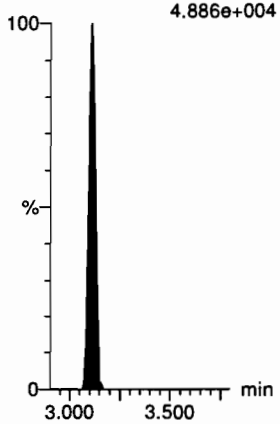
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

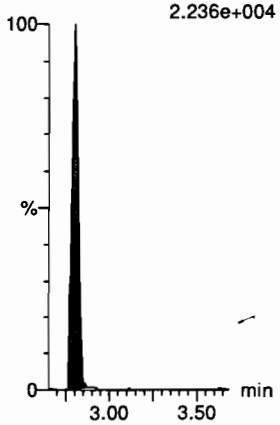
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.448e+004



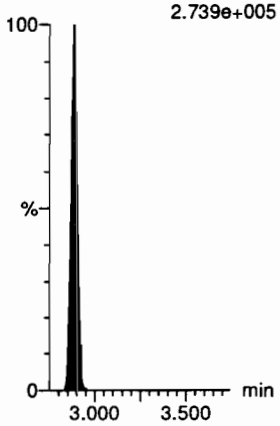
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.886e+004



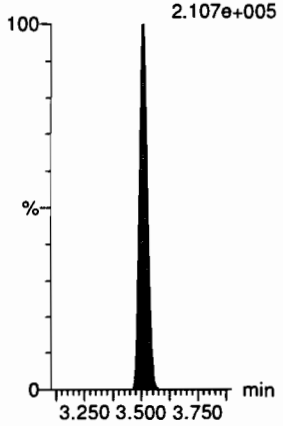
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.236e+004



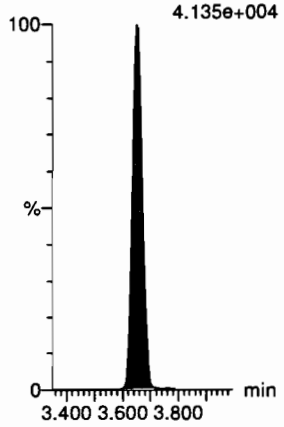
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.739e+005



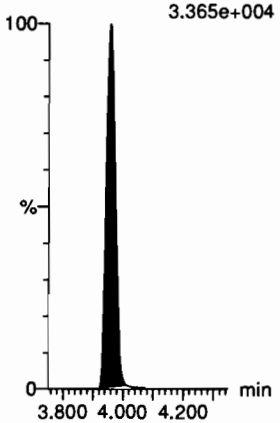
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.107e+005



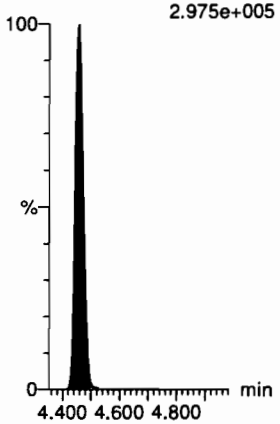
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
4.135e+004



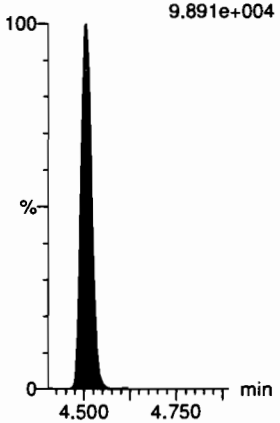
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.365e+004



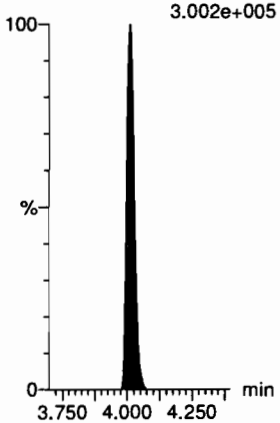
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.975e+005



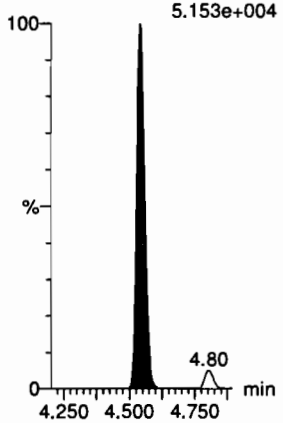
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
9.891e+004



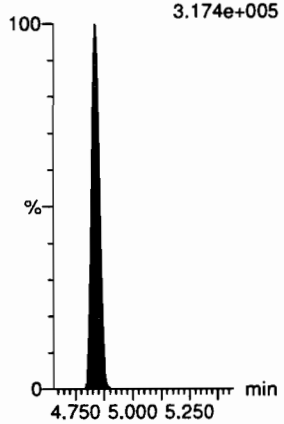
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.002e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
5.153e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.174e+005



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-CRV.qld

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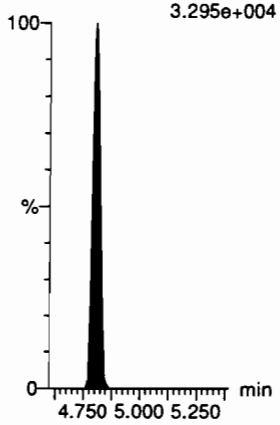
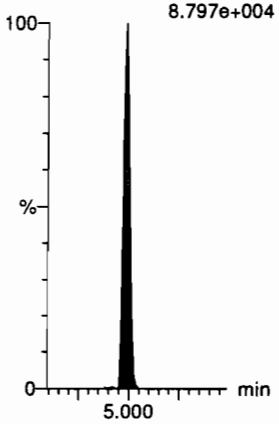
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

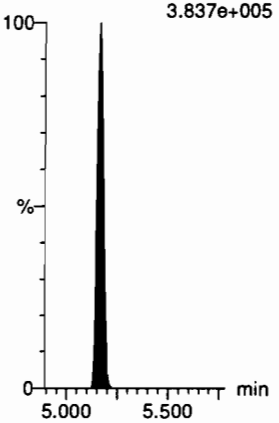
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.295e+004



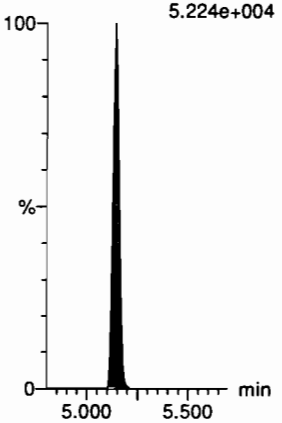
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
8.797e+004



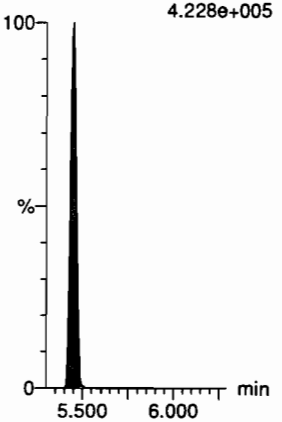
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.837e+005



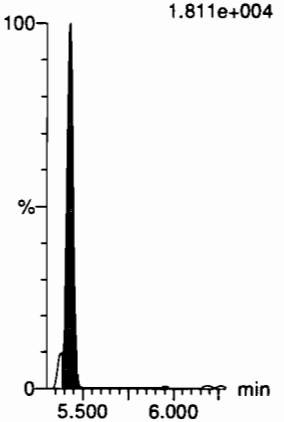
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.224e+004



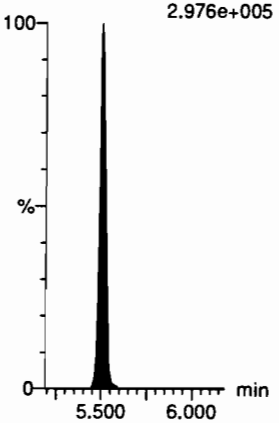
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.228e+005



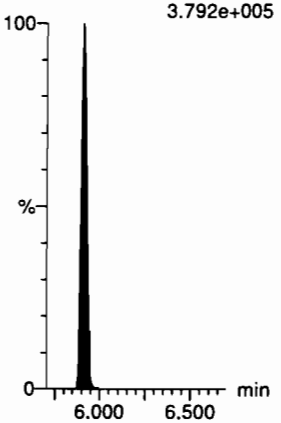
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
1.811e+004



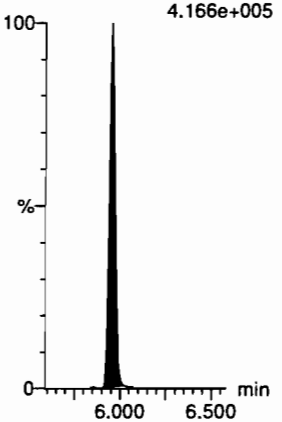
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.976e+005



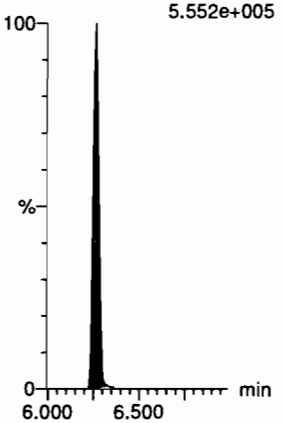
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.792e+005



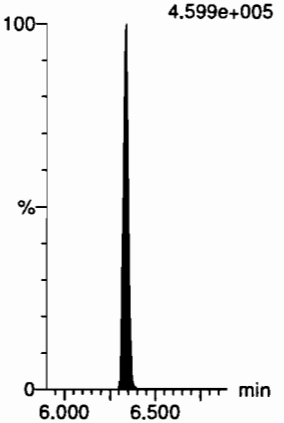
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.166e+005



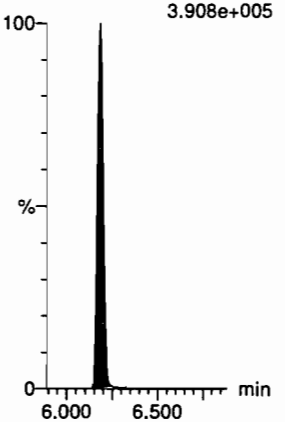
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.552e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.599e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.908e+005



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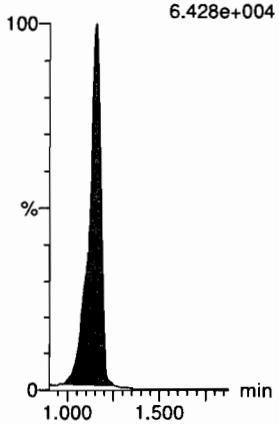
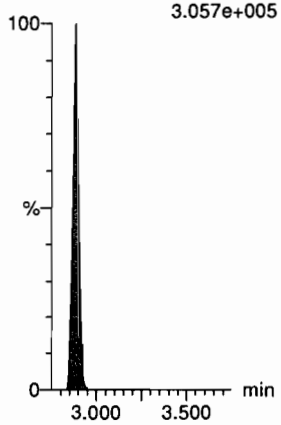
Name: 200608P1-14, Date: 08-Jun-2020, Time: 19:32:22, ID: ST200608P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

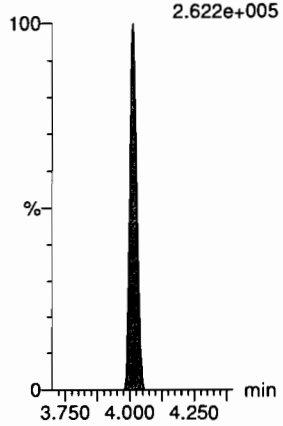
13C4-PFBA



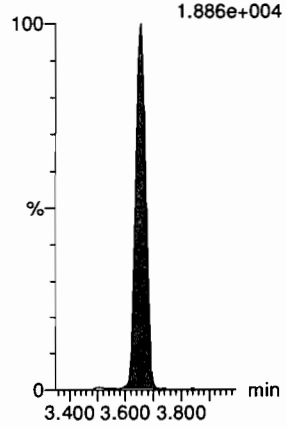
13C5-PFHxA



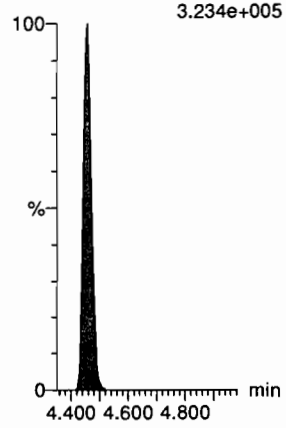
13C8-PFOA



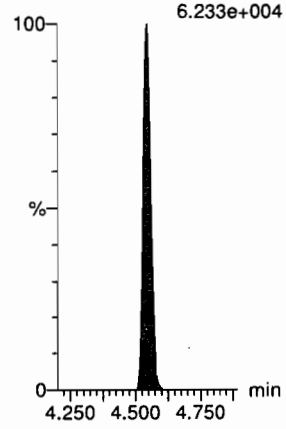
18O2-PFHxS



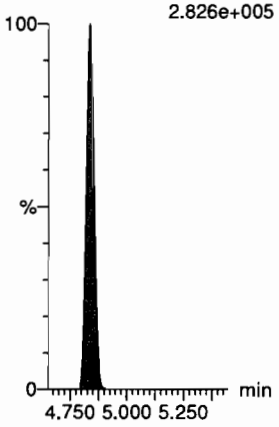
13C9-PFNA



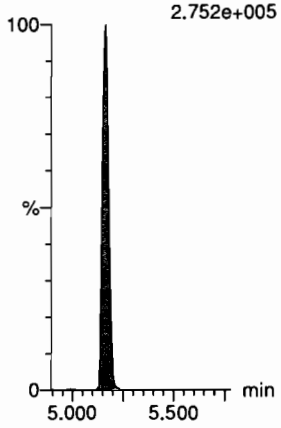
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-ICV.qld

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(A) Not in ICV

✓ JR 06/09/2020

Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	Name	Trace	Area	IS Area	Wgt	RT	Response	Std Conc	Conc	%Rec	Recovery	Ion Ratio	Flag	Outl
1	PFBA	213.0 > 168.8	3399.102	4041.098	1.00	1.15	10.514	10.000	10.3	103.1	NO			
2	PFPrS	249 > 80		1052.082	1.00			10.000		(A)	NO			YES
3	3:3 FTCA	240.9 > 176.9		8773.921	1.00			10.000		↓	NO			YES
4	PFPeA	263.1 > 218.9	6722.949	8773.921	1.00	2.08	9.578	10.000	10.8	108.5	NO			
5	PFBS	299.0 > 80	1856.782	1052.082	1.00	2.37	22.061	8.840	8.85	100.1	NO	2.475		NO
6	4:2 FTS	327.0 > 307	1173.618	1137.410	1.00	2.80	12.898	9.360	10.8	115.9	NO	0.681		NO
47	13C3-PFBA-EIS	216.1 > 171.8	4041.098		1.00	1.15	4041.098	12.500	12.3	98.4	NO			
51	13C3-PFBS-EIS	302.0 > 98.9	1052.082		1.00	2.36	1052.082	12.500	12.5	100.0	NO			
49	13C3-PFPeA-EIS	266.0 > 221.8	8773.921		1.00	2.08	8773.921	12.500	12.3	98.7	NO			
49	13C3-PFPeA-EIS	266.0 > 221.8	8773.921		1.00	2.08	8773.921	12.500	12.3	98.7	NO			
51	13C3-PFBS-EIS	302.0 > 98.9	1052.082		1.00	2.36	1052.082	12.500	12.5	100.0	NO			
55	13C2-4:2 FTS-EIS	329.0 >80.8	1137.410		1.00	2.80	1137.410	12.500	12.3	98.3	NO			
-1														
7	PFHxA	313.0 > 269.0	9243.658	10843.853	1.00	2.88	10.655	10.000	10.8	107.6	NO	17.094		NO
8	PFPeS	349.>80	1756.955	1052.082	1.00	3.09	20.875	9.360	10.4	110.7	NO	2.402		NO
9	HFPO-DA	285.1 > 168.9	1549.759	1837.812	1.00	3.11	10.541	10.000	11.5	115.0	NO	2.623		NO
10	5:3 FTCA	340.9 > 236.9		9629.078	1.00			10.000		(A)	NO			YES
11	PFHpA	363.0 > 319	9444.914	9629.078	1.00	3.50	12.261	10.000	9.61	96.1	NO	39.018		YES
12	ADONA	376.8 > 250.9	17081.299	9629.078	1.00	3.61	22.174	9.440	9.79	103.7	NO	4.083		NO
57	13C2-PFHxA-EIS	315.0 > 270.0	10843.853		1.00	2.88	10843.853	12.500	12.3	98.4	NO			
51	13C3-PFBS-EIS	302.0 > 98.9	1052.082		1.00	2.36	1052.082	12.500	12.5	100.0	NO			
53	13C3-HFPO-DA-EIS	287.0 > 168.9	1837.812		1.00	3.11	1837.812	12.500	12.6	101.0	NO			
59	13C4-PFHpA-EIS	367.2 > 321.8	9629.078		1.00	3.50	9629.078	12.500	12.0	96.3	NO			
59	13C4-PFHpA-EIS	367.2 > 321.8	9629.078		1.00	3.50	9629.078	12.500	12.0	96.3	NO			
59	13C4-PFHpA-EIS	367.2 > 321.8	9629.078		1.00	3.50	9629.078	12.500	12.0	96.3	NO			
-1														
13	L-PFHxS	399 > 79.9	1664.933	2211.049	1.00	3.65	9.413	9.120	9.04	99.1	NO	4.219		YES
15	6:2 FTS	427.0 > 407	1255.521	1306.534	1.00	3.95	12.012	9.480	9.42	99.4	NO	0.794		NO
16	L-PFOA	413 > 369	10389.225	12497.590	1.00	4.01	10.391	10.000	11.0	109.7	NO	3.307		NO
18	PFecHS	461 > 381.0		12497.590	1.00			10.000		(A)	NO			YES
19	PFHpS	449.0 > 80	1585.852	2152.751	1.00	4.13	9.208	9.520	9.97	104.7	NO	1.854		NO
20	7:3 FTCA	440.9 > 336.9		10755.344	1.00			10.000		(A)	NO			YES
61	13C3-PFHxS-EIS	402 >80	2211.049		1.00	3.65	2211.049	12.500	12.7	102.0	NO			
63	13C2-6:2 FTS-EIS	429.0 >79.7	1306.534		1.00	3.95	1306.534	12.500	11.9	94.8	NO			
69	13C2-PFOA-EIS	414.9 > 369.7	12497.590		1.00	4.01	12497.590	12.500	12.0	96.1	NO			
69	13C2-PFOA-EIS	414.9 > 369.7	12497.590		1.00	4.01	12497.590	12.500	12.0	96.1	NO			

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Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	Name	Trace	Area	IS Area	w/vol	RT	Response	Std Conc	Conc	%Rec	Recovery	Ion Ratio	Ratio Out?
71	13C8-PFOS-EIS	507.1 > 80	2152.751		1.00	4.54	2152.751	12.500	12.4	99.5	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	10755.344		1.00	4.45	10755.344	12.500	12.2	97.8	NO		
-1													
21	PFNA	463.0 > 418.8	10643.731	10755.344	1.00	4.45	12.370	10.000	10.8	107.8	NO	14.136	YES
22	PFOSA	498 > 78	1843.568	3328.608	1.00	4.50	6.923	10.000	10.7	107.0	NO	21.372	NO
23	L-PFOS	499 > 80	1814.846	2152.751	1.00	4.54	10.538	9.280	8.67	93.5	NO	2.770	NO
25	9Cl-PF30NS	531 > 351	4465.786	2152.751	1.00	4.76	25.931	9.320	9.71	104.2	NO	36.136	YES
26	PFDA	513 > 469	9749.343	13361.187	1.00	4.84	9.121	10.000	10.0	100.2	NO	5.399	NO
27	8:2 FTS	527.1 > 507	933.145	1210.107	1.00	4.80	9.639	9.600	11.2	116.7	NO	0.737	NO
65	13C5-PFNA-EIS	468.2 > 422.9	10755.344		1.00	4.45	10755.344	12.500	12.2	97.8	NO		
67	13C8-PFOSA-EIS	506 > 78	3328.608		1.00	4.50	3328.608	12.500	12.0	95.7	NO		
71	13C8-PFOS-EIS	507.1 > 80	2152.751		1.00	4.54	2152.751	12.500	12.4	99.5	NO		
71	13C8-PFOS-EIS	507.1 > 80	2152.751		1.00	4.54	2152.751	12.500	12.4	99.5	NO		
73	13C2-PFDA-EIS	515.1 > 469.9	13361.187		1.00	4.84	13361.187	12.500	12.8	102.1	NO		
75	13C2-8:2 FTS-EIS	529 > 80	1210.107		1.00	4.80	1210.107	12.500	11.5	91.7	NO		
-1													
28	PFNS	549 > 80	2219.229	2152.751	1.00	4.90	12.886	9.600	10.5	109.8	NO	2.518	NO
29	L-MeFOSAA	570 > 419	3039.311	3316.799	1.00	4.99	11.454	10.000	9.37	93.7	NO	1.854	NO
31	L-EtFOSAA	584 > 419	3737.843	2086.627	1.00	5.15	22.392	10.000	10.1	100.9	NO	1.294	NO
33	PFUdA	563.0 > 519	11465.123	14026.301	1.00	5.16	10.218	10.000	10.5	104.8	NO	17.785	NO
34	PFDS	599.1 > 80.0	1650.467	2152.751	1.00	5.21	9.583	9.640	9.57	99.3	NO	2.345	NO
35	11Cl-PF30UdS	631 > 451	3069.191	15978.999	1.00	5.37	2.401	9.440	9.48	100.5	NO	16.595	NO
71	13C8-PFOS-EIS	507.1 > 80	2152.751		1.00	4.54	2152.751	12.500	12.4	99.5	NO		
77	d3-N-MeFOSAA-EIS	573.1 > 419	3316.799		1.00	4.98	3316.799	12.500	12.5	100.0	NO		
81	d5-N-EtFOSAA-EIS	589.3 > 419	2086.627		1.00	5.14	2086.627	12.500	11.6	92.6	NO		
79	13C2-PFUdA-EIS	565 > 519.8	14026.301		1.00	5.16	14026.301	12.500	12.2	97.4	NO		
71	13C8-PFOS-EIS	507.1 > 80	2152.751		1.00	4.54	2152.751	12.500	12.4	99.5	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	15978.999		1.00	5.45	15978.999	12.500	12.4	99.0	NO		
-1													
36	10:2 FTS	626.9 > 607		826.486	1.00			10.000			NO		YES
37	PFDoA	612.9 > 569.0	12035.900	15978.999	1.00	5.45	9.415	10.000	10.7	107.3	NO	11.433	NO
38	N-MeFOSA	512.1 > 168.9		11137.811	1.00			9.600			NO		YES
39	PFTrDA	662.9 > 618.9	12067.172	15978.999	1.00	5.69	9.440	10.000	10.2	102.3	NO	93.153	YES
40	PFDoS	699 > 80		14072.116	1.00			10.000			NO		YES
41	PFTeDA	713.0 > 669.0	7544.342	14072.116	1.00	5.91	6.701	10.000	10.3	102.8	NO	13.916	NO
85	13C2-10:2 FTS-EIS	632.9 > 80.0	826.486		1.00	5.43	826.486	12.500	11.7	93.5	NO		

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Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

83	13C2-PFDoA-EIS	614.9 > 569.9	15978.999		1.00	5.45	15978.999	12.500	12.4	99.0	NO	
87	d3-N-MeFOSA-EIS	515.2 > 168.9	11137.811		1.00	5.50	11137.811	149.200	147	98.4	NO	
83	13C2-PFDoA-EIS	614.9 > 569.9	15978.999		1.00	5.45	15978.999	12.500	12.4	99.0	NO	
89	13C2-PFTeDA-EIS	715.1 > 669.7	14072.116		1.00	5.91	14072.116	12.500	12.1	96.5	NO	
89	13C2-PFTeDA-EIS	715.1 > 669.7	14072.116		1.00	5.91	14072.116	12.500	12.1	96.5	NO	
-1												
42	N-EtFOSA	526.1 > 168.9		16407.551	1.00			9.600			NO	YES
43	PFHxDA	813 > 769		20284.662	1.00			10.000			NO	YES
44	PFODA	913.1 > 868.8		20284.662	1.00			10.000			NO	
45	N-MeFOSE	616.1 > 58.9		14087.107	1.00			9.600			NO	
46	N-EtFOSE	630.1 > 58.9		14998.888	1.00			9.600			NO	
48	13C3-PFBA-RSD	216.1 > 171.8	4041.098	4683.101	1.00	1.15	10.786	12.500	12.1	96.5	NO	
91	d5-N-ETFOSA-EIS	531.1 > 168.9	16407.551		1.00	5.95	16407.551	149.200	139	92.9	NO	
93	13C2-PFHxDA-EIS	815 > 769.7	20284.662		1.00	6.26	20284.662	12.500	11.7	93.9	NO	
93	13C2-PFHxDA-EIS	815 > 769.7	20284.662		1.00	6.26	20284.662	12.500	11.7	93.9	NO	
95	d7-N-MeFOSE-EIS	623.1 > 58.9	14087.107		1.00	6.18	14087.107	149.200	143	96.0	NO	
97	d9-N-EtFOSE-EIS	639.2 > 58.8	14998.888		1.00	6.33	14998.888	149.200	142	95.5	NO	
50	13C3-PFPeA-RSD	266.0 > 221.8	8608.929	12085.611	1.00	2.08	8.904	12.500	12.1	96.9	NO	
-1												
52	13C3-PFBS-RSD	302.0 > 98.9	1052.082	883.452	1.00	2.36	14.886	12.500	12.0	96.1	NO	
54	13C3-HFPO-DA-RSD	287.0 > 168.9	1837.812	12085.611	1.00	3.11	1.901	12.500	11.7	94.0	NO	
56	13C2-4:2 FTS-RSD	329.0 >80.8	1137.410	883.452	1.00	2.80	16.093	12.500	11.8	94.0	NO	
58	13C2-PFHxA-RSD	315.0 > 270.0	10843.853	12085.611	1.00	2.88	11.216	12.500	12.2	97.6	NO	
60	13C4-PFHpA-RSD	367.2 > 321.8	9629.078	12085.611	1.00	3.50	9.959	12.500	12.2	97.4	NO	
62	13C3-PFHxS-RSD	402 > 80	2211.049	883.452	1.00	3.65	31.284	12.500	13.1	104.4	NO	
64	13C2-6:2 FTS-RSD	429.0 >79.7	1306.534	2340.724	1.00	3.95	6.977	12.500	12.2	98.0	NO	
66	13C5-PFNA-RSD	468.2 > 422.9	10755.344	11827.576	1.00	4.45	11.367	12.500	11.8	94.4	NO	
68	13C8-PFOSA-RSD	506 > 78	3328.608	10460.146	1.00	4.50	3.978	12.500	12.2	98.0	NO	
70	13C2-PFOA-RSD	414.9 > 369.7	12497.590	10543.814	1.00	4.01	14.816	12.500	12.3	98.2	NO	
72	13C8-PFOS-RSD	507.1 > 80	2152.751	2340.724	1.00	4.54	11.496	12.500	13.1	104.8	NO	
74	13C2-PFDA-RSD	515.1 > 469.9	13361.187	11995.887	1.00	4.84	13.923	12.500	12.3	98.4	NO	
-1												
76	13C2-8:2 FTS-RSD	529 > 80	1210.107	2340.724	1.00	4.80	6.462	12.500	12.4	99.3	NO	
78	d3-N-MeFOSAA-RSD	573.1 > 419	3316.799	10460.146	1.00	4.98	3.964	12.500	13.2	105.8	NO	
80	13C2-PFUdA-RSD	565 > 519.8	14026.301	10460.146	1.00	5.16	16.762	12.500	12.3	98.7	NO	
82	d5-N-EtFOSAA-RSD	589.3 > 419	2086.627	10460.146	1.00	5.14	2.494	12.500	12.4	98.9	NO	

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Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-ICV.qld

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Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

84	13C2-PFDoA-RSD	614.9 > 569.9	15978.999	11995.887	1.00	5.45	16.650	12.500	11.9	94.9	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	826.486	2340.724	1.00	5.43	4.414	12.500	11.8	94.6	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	11137.811	10460.146	1.00	5.50	13.310	149.200	150	100.4	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	14072.116	10460.146	1.00	5.91	16.816	12.500	12.3	98.4	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	16407.551	10460.146	1.00	5.95	19.607	149.200	151	100.9	NO
94	13C2-PFHxDA-RSD	815 > 769.7	20284.662	10460.146	1.00	6.26	24.240	12.500	12.0	96.0	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	14087.107	10460.146	1.00	6.18	16.834	149.200	151	101.5	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	14998.888	10460.146	1.00	6.33	17.924	149.200	151	101.4	NO
-1											
99	13C4-PFBA	217.0 > 172.0	4683.101	4683.101	1.00	1.16	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	12085.611	12085.611	1.00	2.88	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	10543.814	10543.814	1.00	4.01	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	883.452	883.452	1.00	3.65	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	11827.576	11827.576	1.00	4.45	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	2340.724	2340.724	1.00	4.54	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	11995.887	11995.887	1.00	4.83	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	10460.146	10460.146	1.00	5.16	12.500	12.500	12.5	100.0	NO

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Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-ICV.qld

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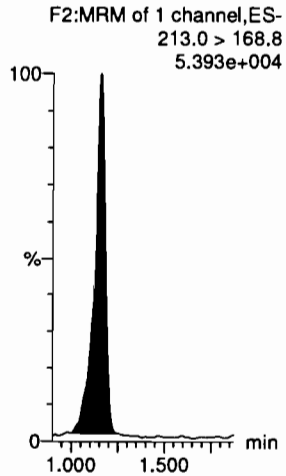
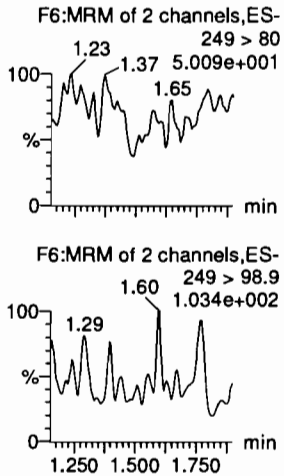
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

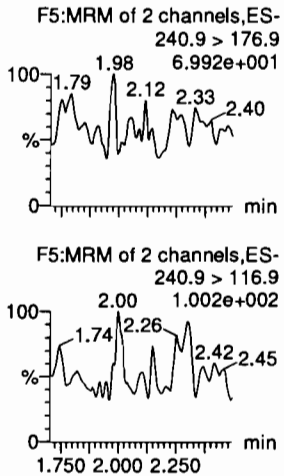
PFBA



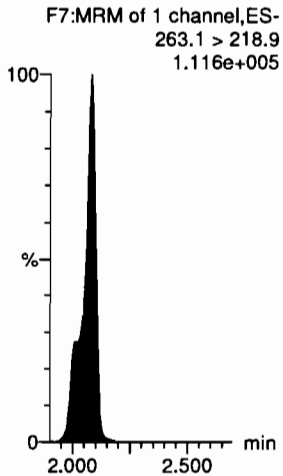
PFPrS



3:3 FTCA



PFPeA



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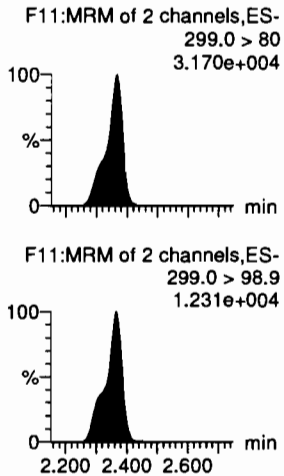
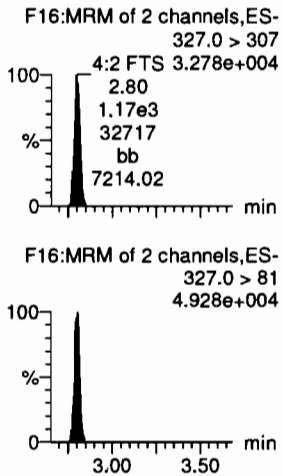


4:2 FTS



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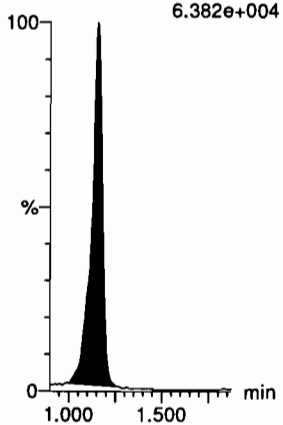

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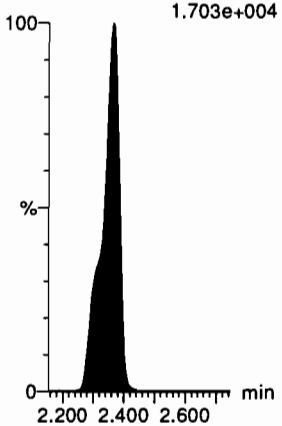

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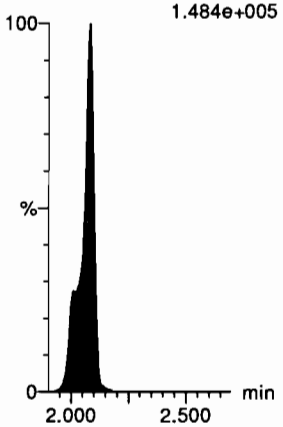

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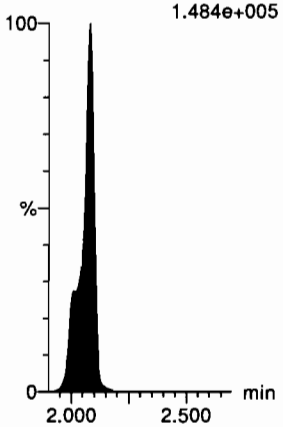

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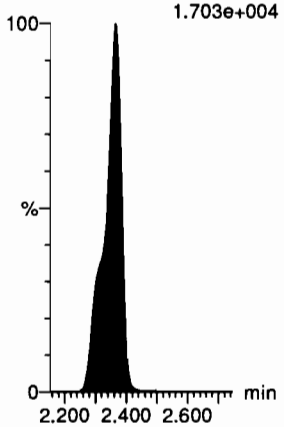
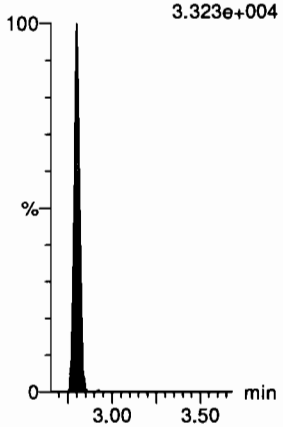


13C2-4:2 FTS-EIS



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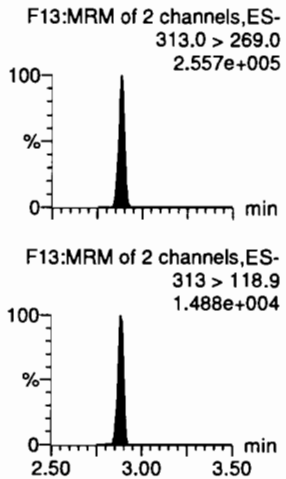
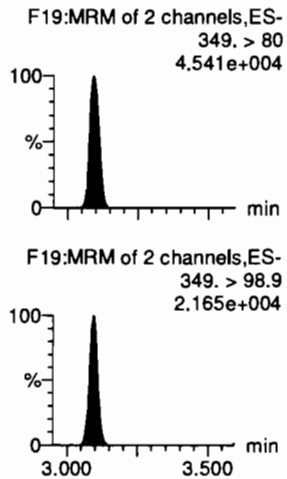
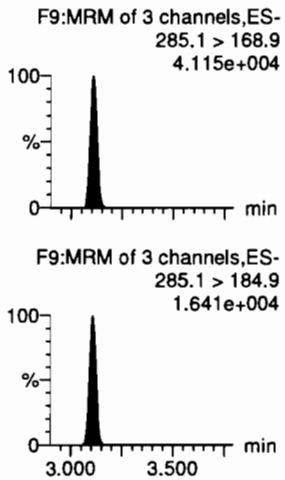
PFHxA



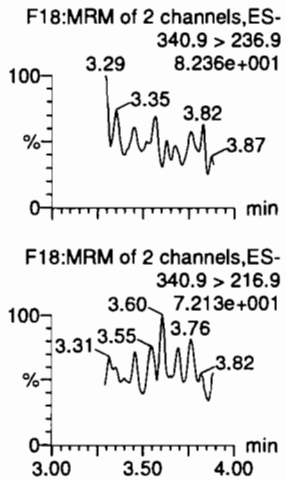
PFPeS



HFPO-DA



5:3 FTCA



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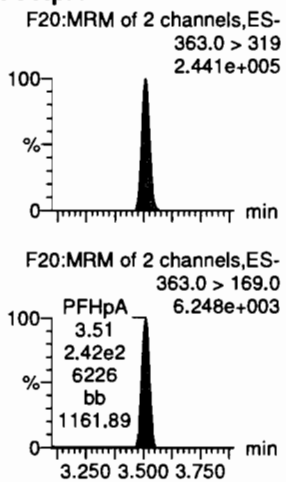

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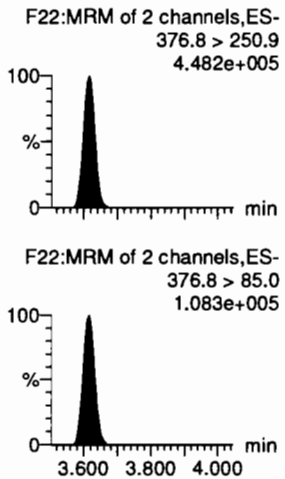

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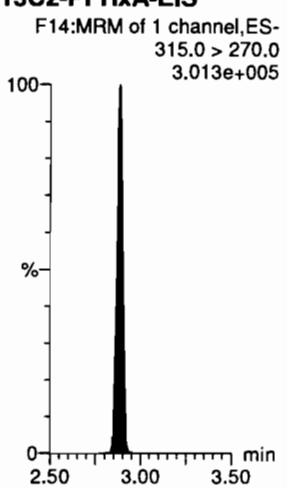

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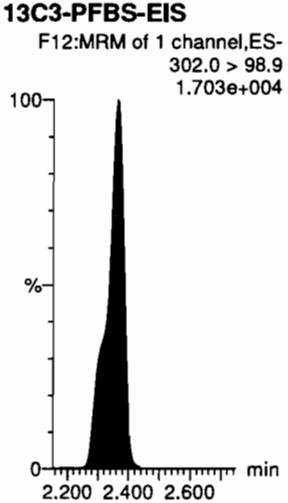

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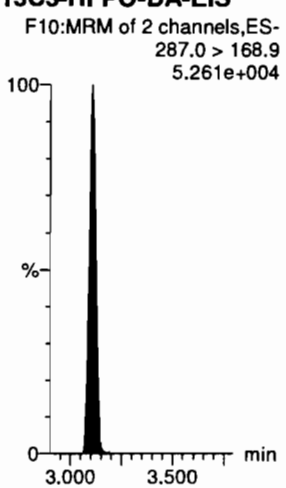

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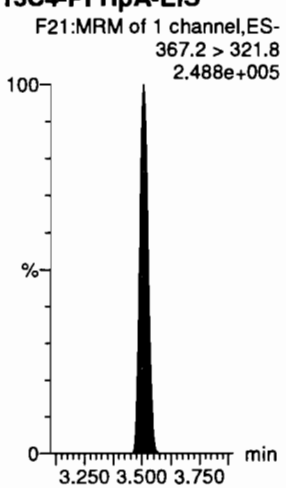

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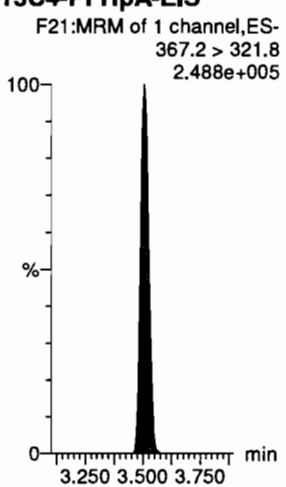

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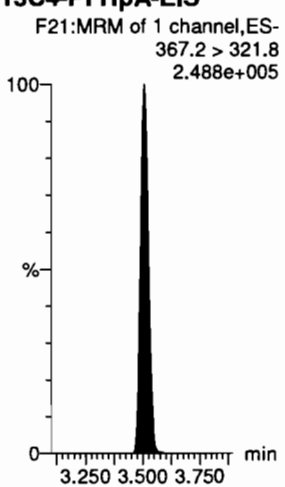

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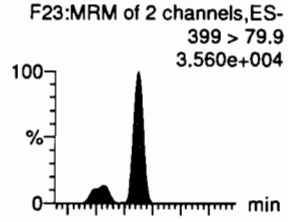
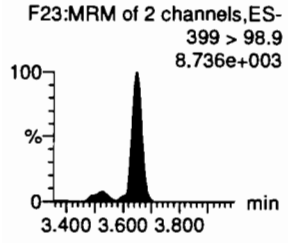
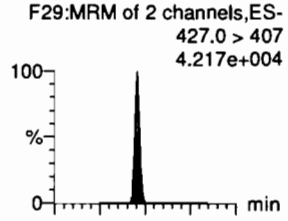
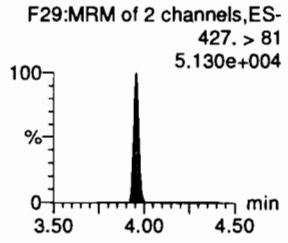
L-PFHxS



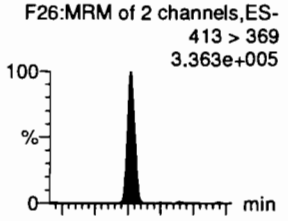


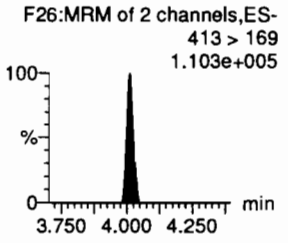
6:2 FTS





L-PFOA





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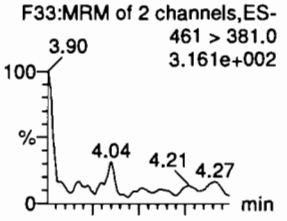

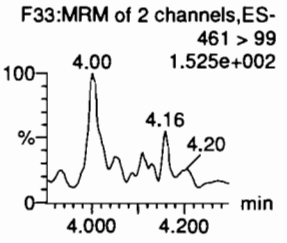

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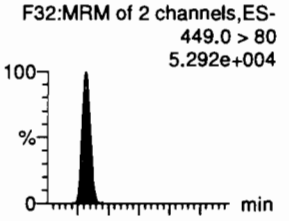
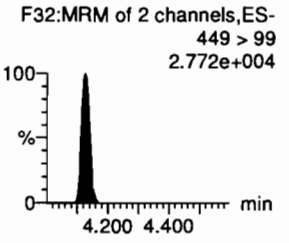
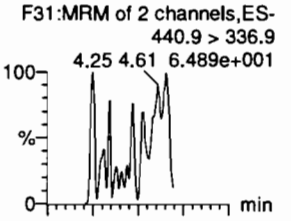
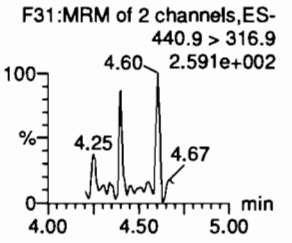




7:3 FTCA





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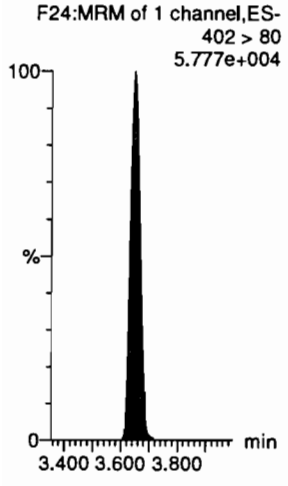
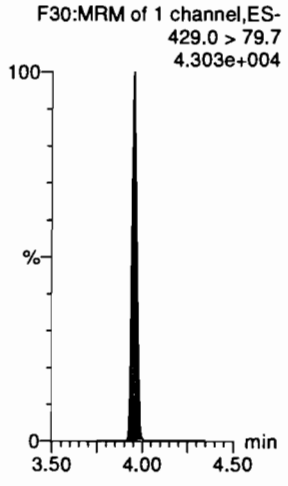


13C2-6:2 FTS-EIS



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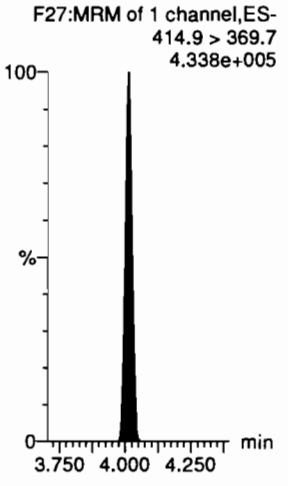

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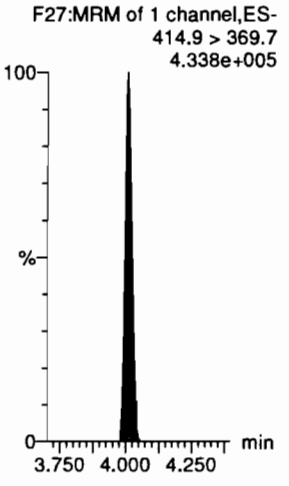

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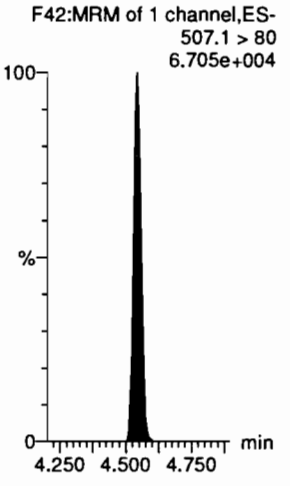
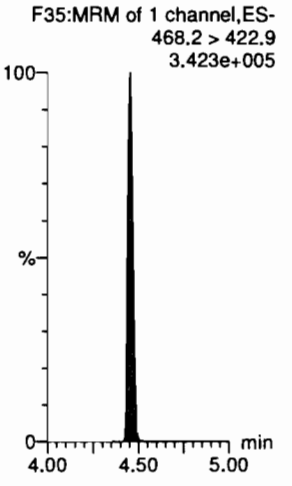


13C5-PFNA-EIS



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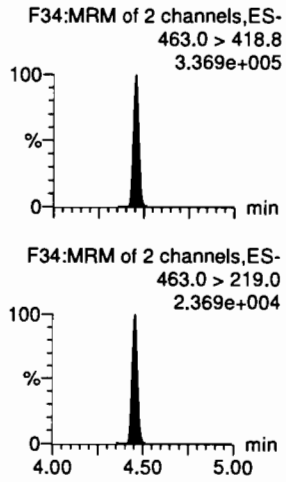
Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

PFNA



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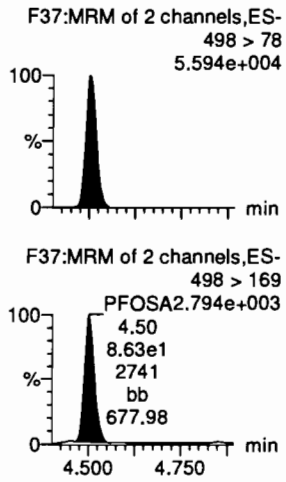
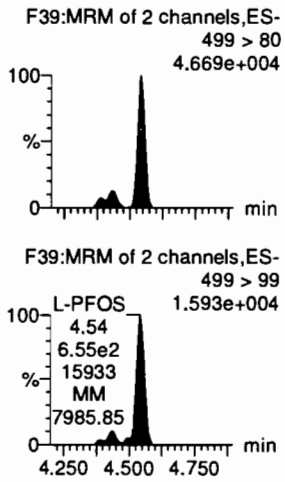


L-PFOS



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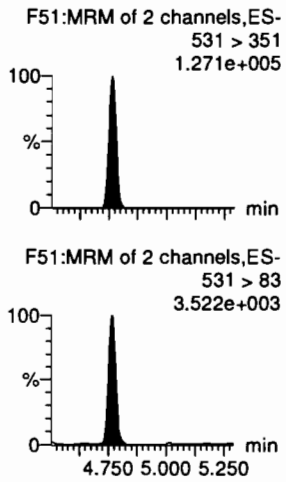

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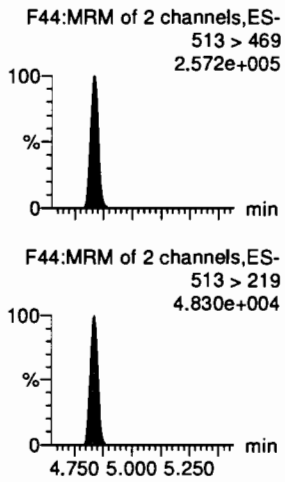
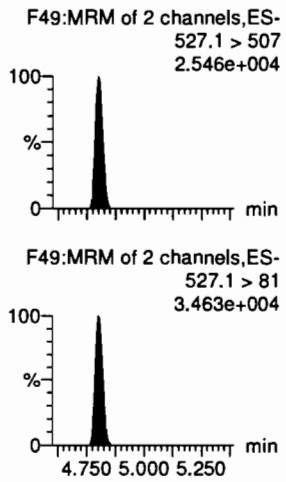
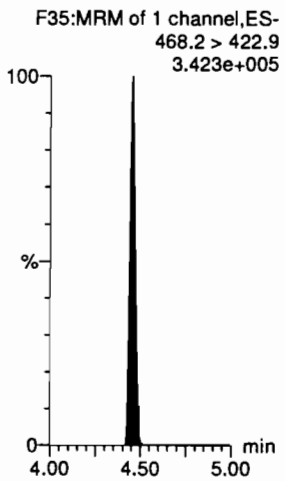


8:2 FTS



13C5-PFNA-EIS



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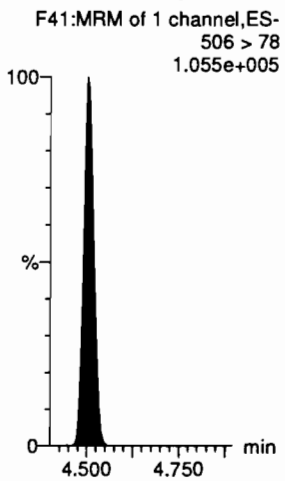

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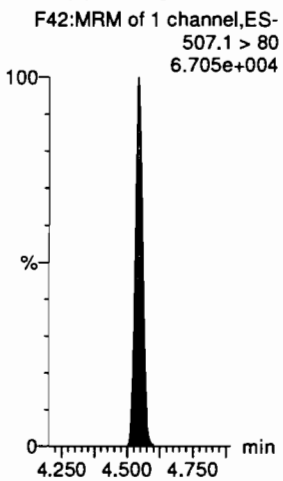

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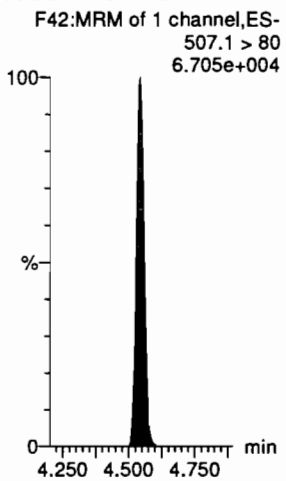

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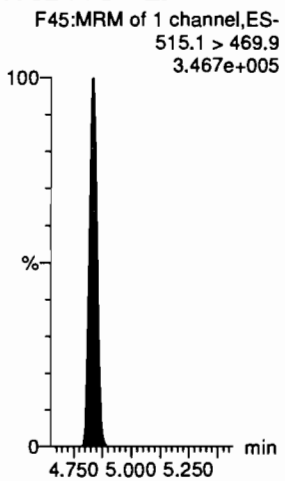

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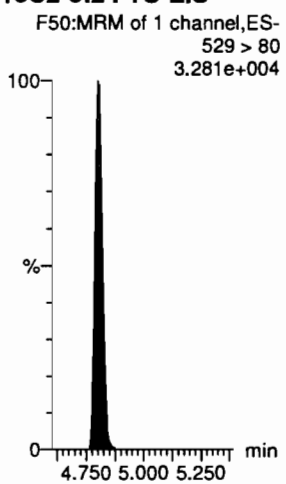

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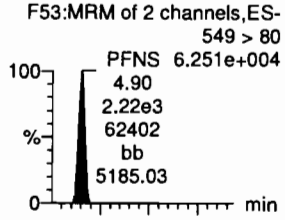

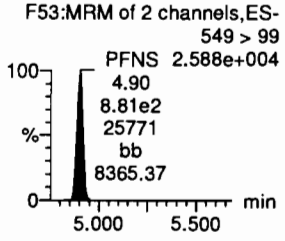

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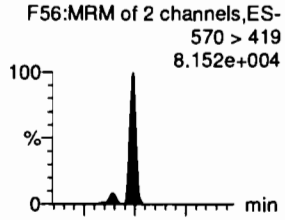

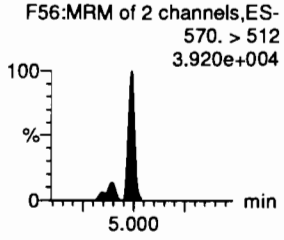

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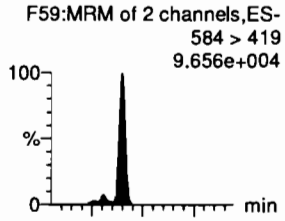

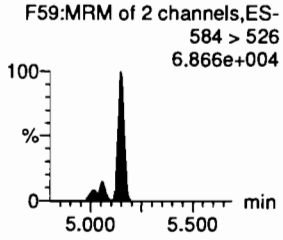

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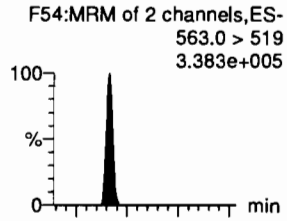

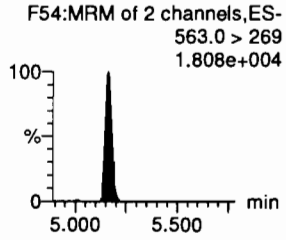

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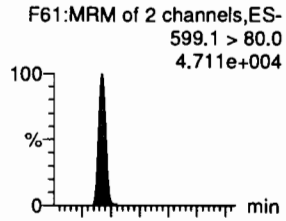

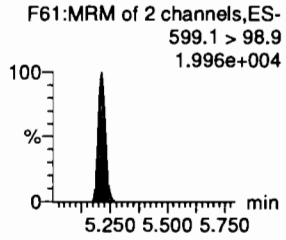

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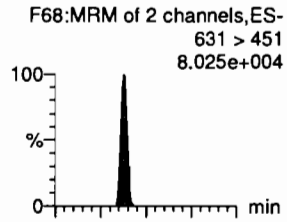

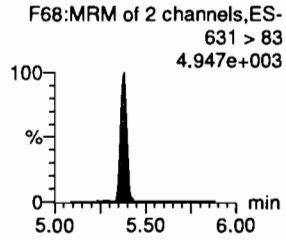

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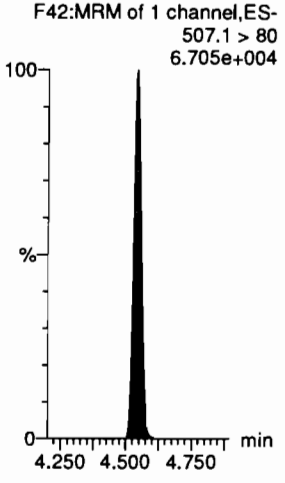
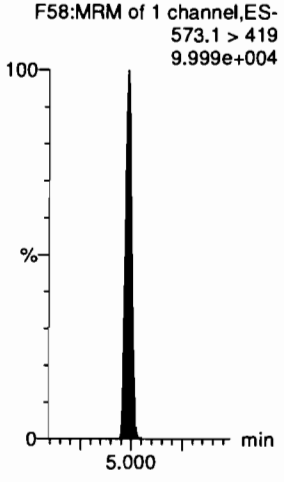


d3-N-MeFOSAA-EIS



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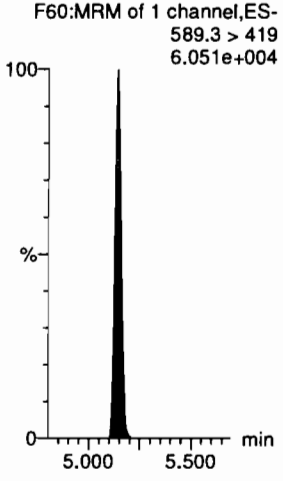

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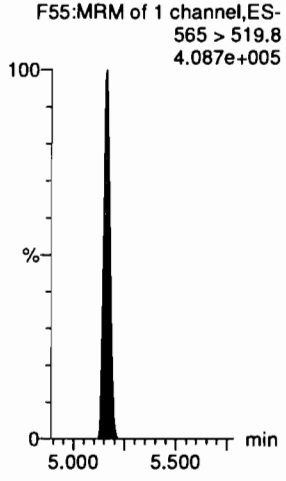

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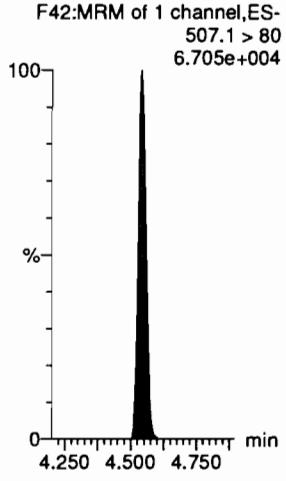

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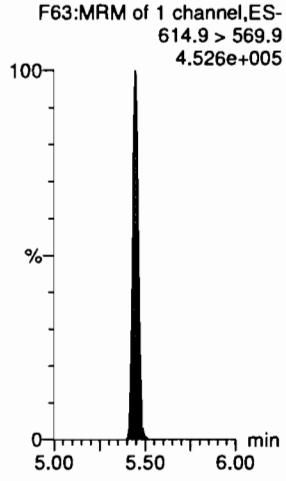

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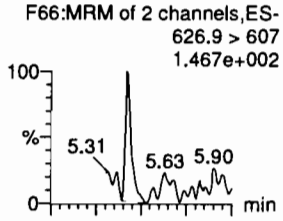
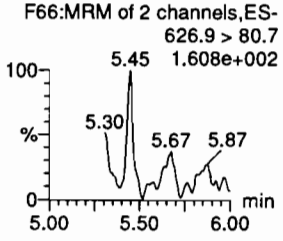
10:2 FTS





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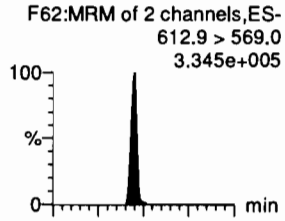
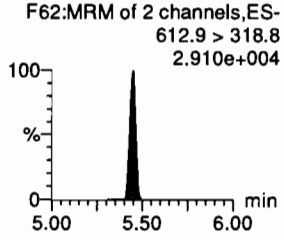
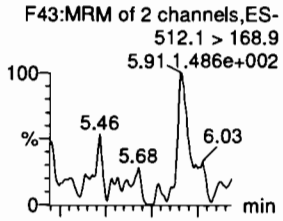
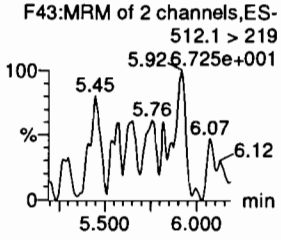




N-MeFOSA





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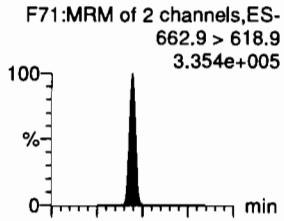

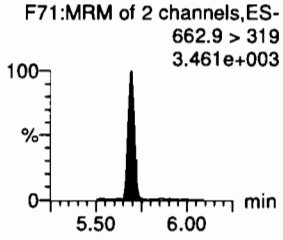

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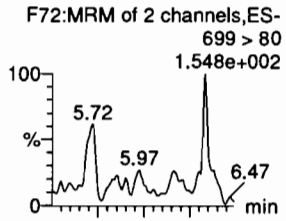

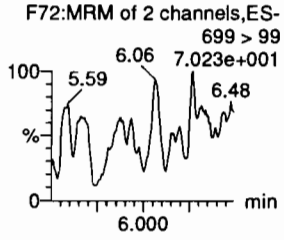

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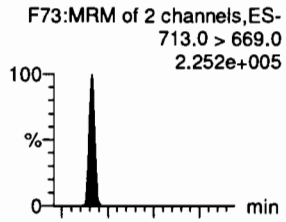
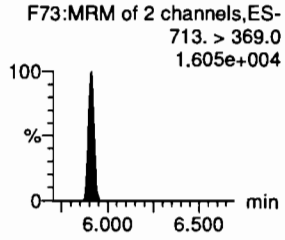
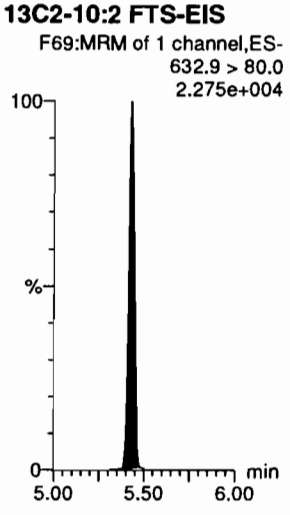
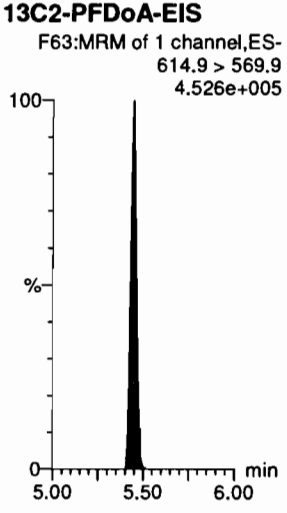




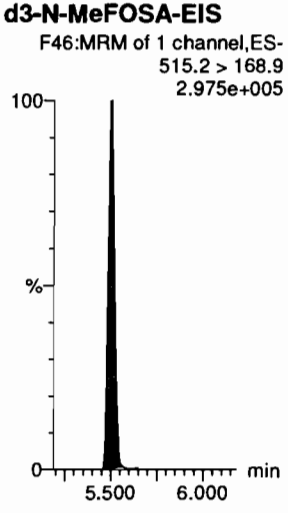
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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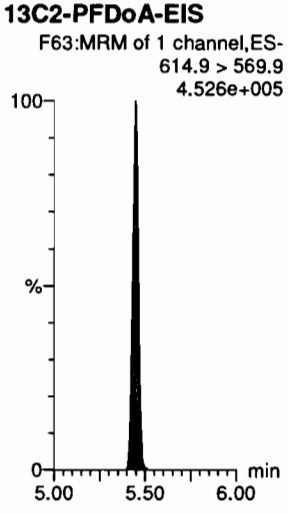

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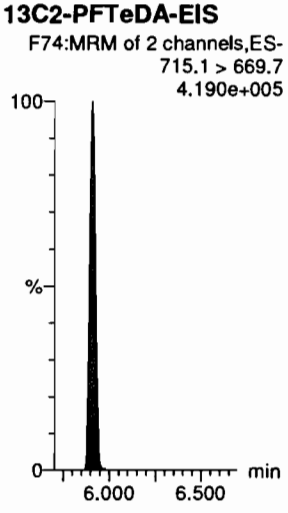

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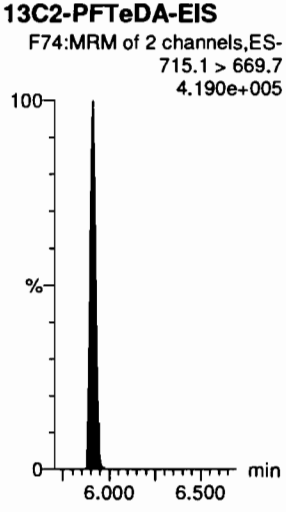

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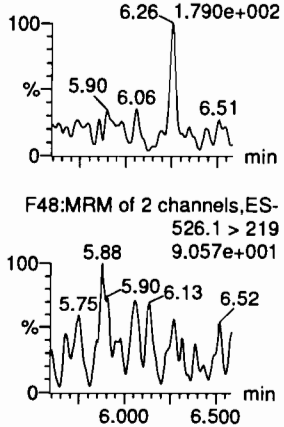
Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

N-EtFOSA



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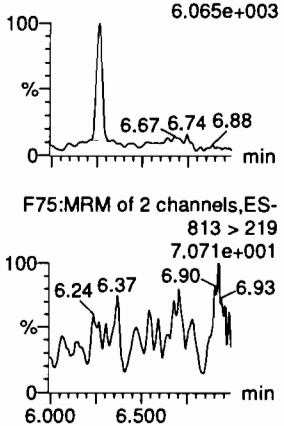
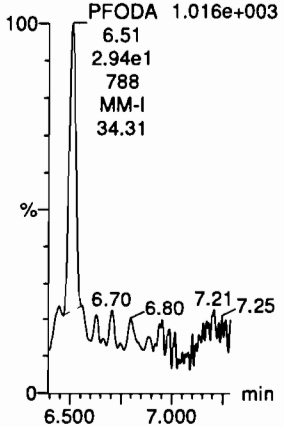
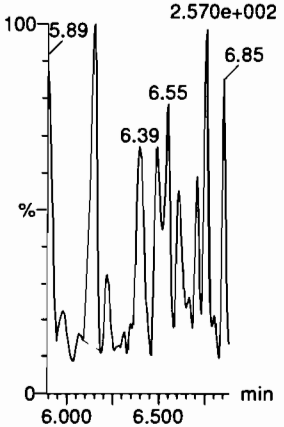


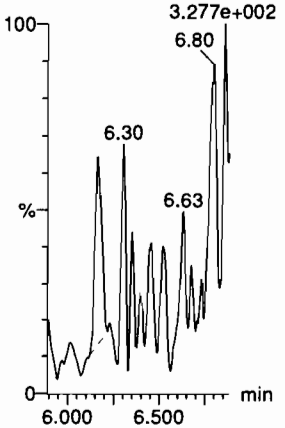
PFODA



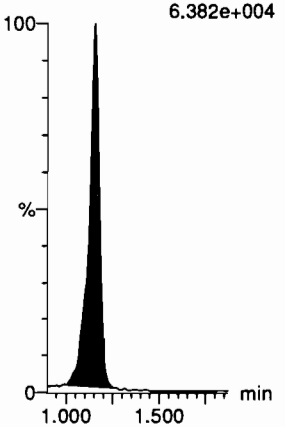
N-MeFOSE



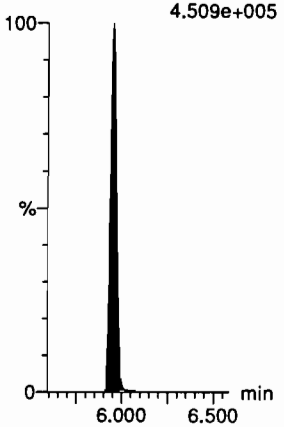
N-EtFOSE



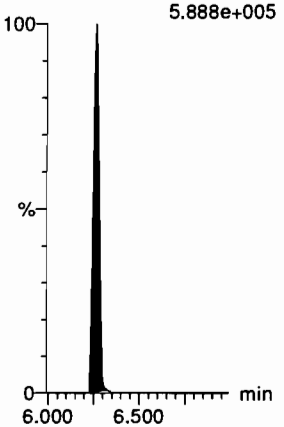
13C3-PFBA-RSD



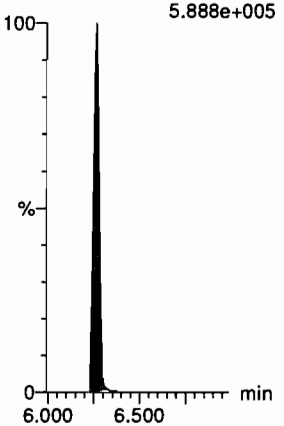
d5-N-ETFOSA-EIS



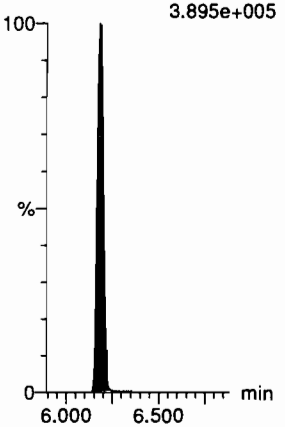
13C2-PFHxDA-EIS



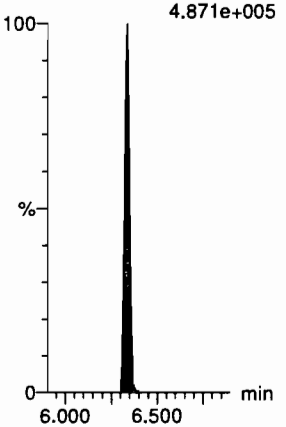
13C2-PFHxDA-EIS



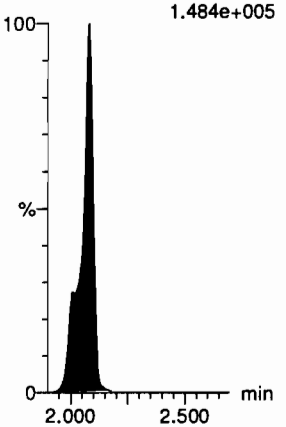
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



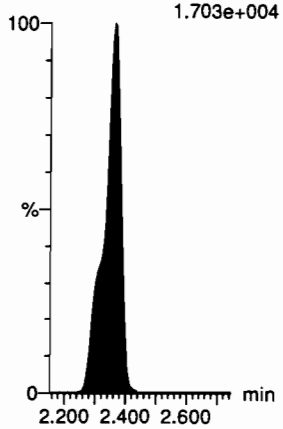
OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-ICV.qld

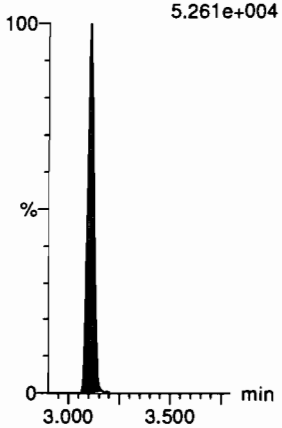
Last Altered: Tuesday, June 09, 2020 13:04:52 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:05:54 Pacific Daylight Time

Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

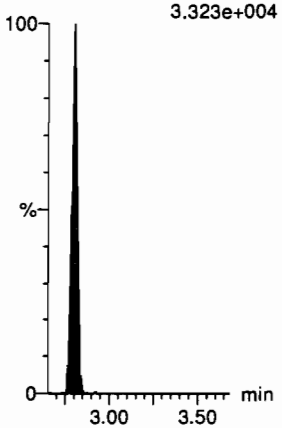
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.703e+004



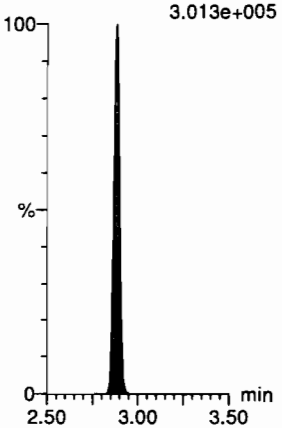
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.261e+004



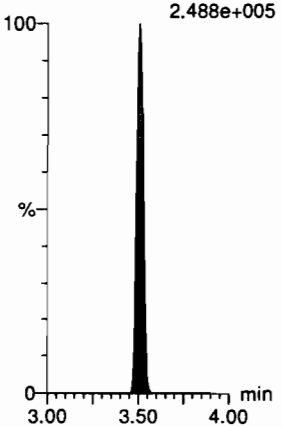
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.323e+004



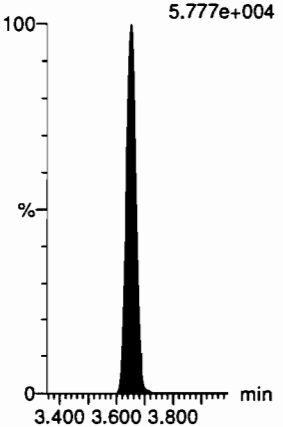
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.013e+005



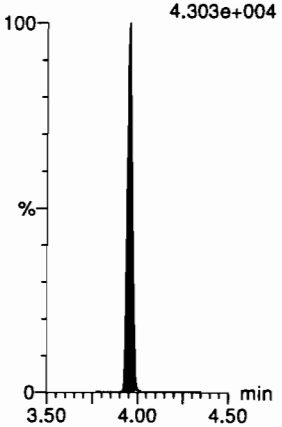
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.488e+005



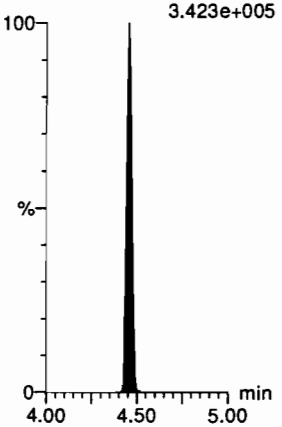
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.777e+004



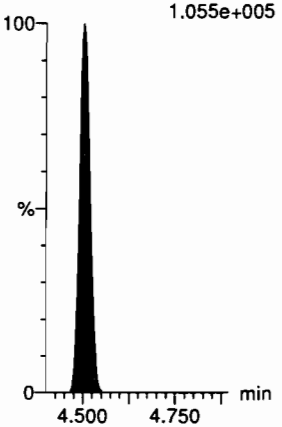
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.303e+004



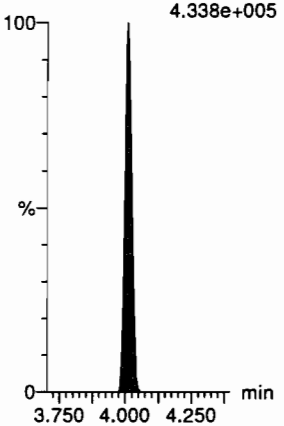
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.423e+005



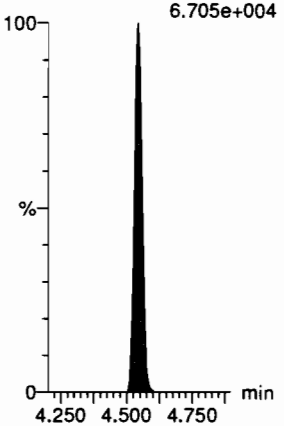
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.055e+005



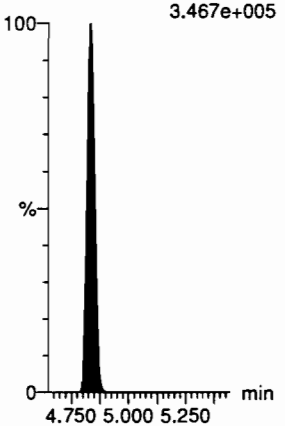
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.338e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.705e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.467e+005



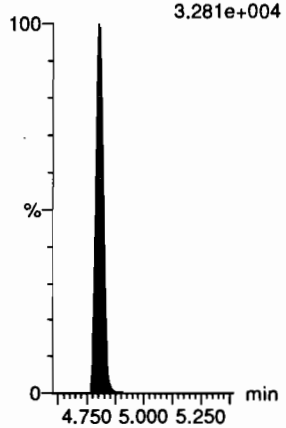
OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-ICV.qld

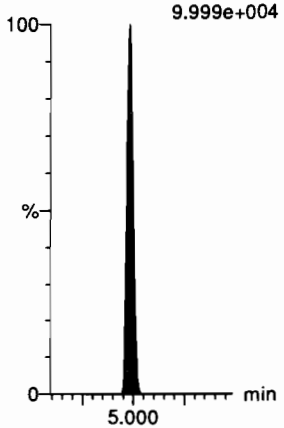
Last Altered: Tuesday, June 09, 2020 13:04:52 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:05:54 Pacific Daylight Time

Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

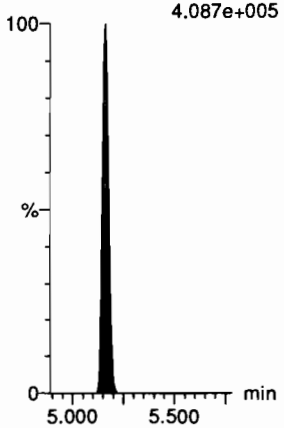
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.281e+004



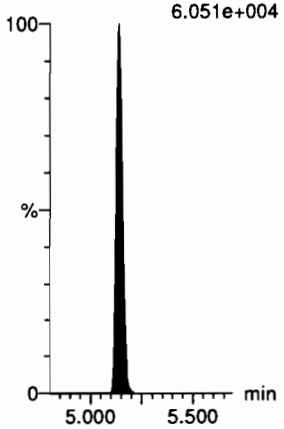
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.999e+004



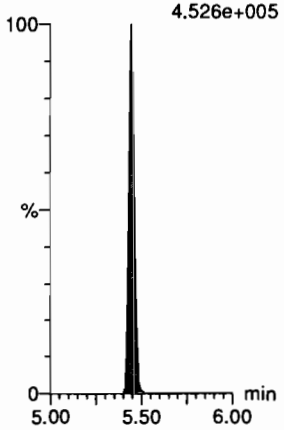
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.087e+005



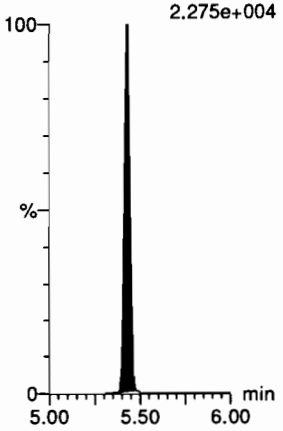
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.051e+004



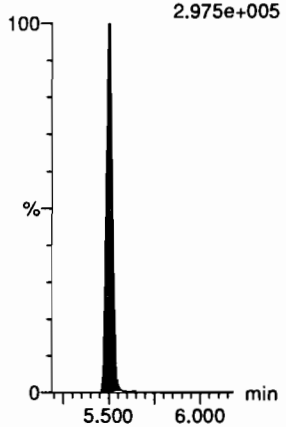
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.526e+005



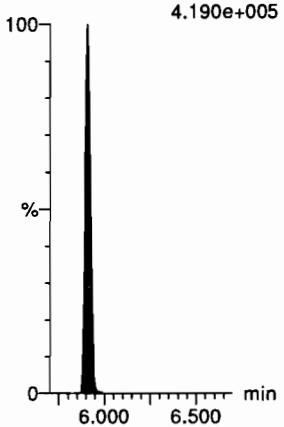
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.275e+004



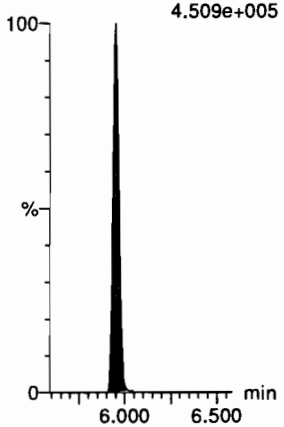
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.975e+005



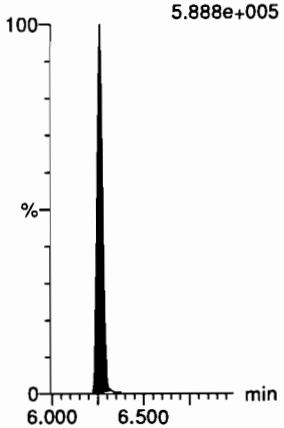
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.190e+005



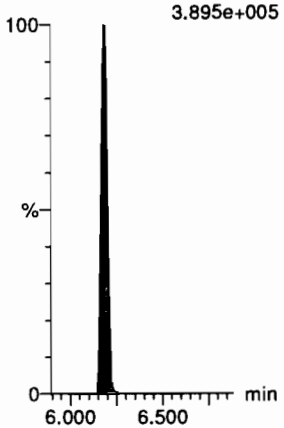
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.509e+005



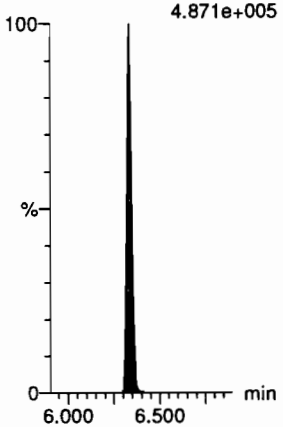
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.888e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.895e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.871e+005



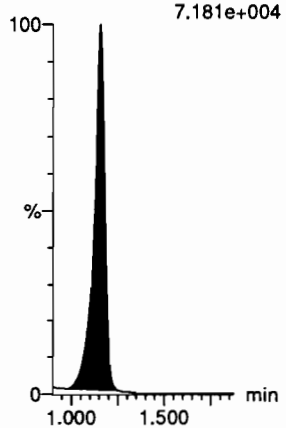
OPV 6/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200608P1\200608P1-ICV.qld

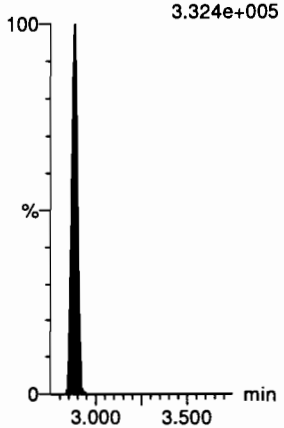
Last Altered: Tuesday, June 09, 2020 13:04:52 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:05:54 Pacific Daylight Time

Name: 200608P1-16, Date: 08-Jun-2020, Time: 19:53:23, ID: ICV200608P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

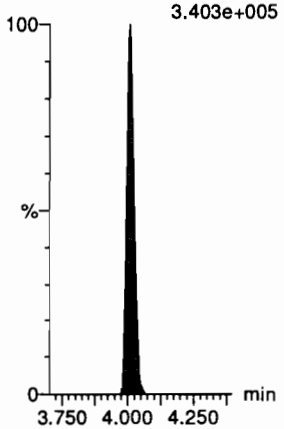
13C4-PFBA



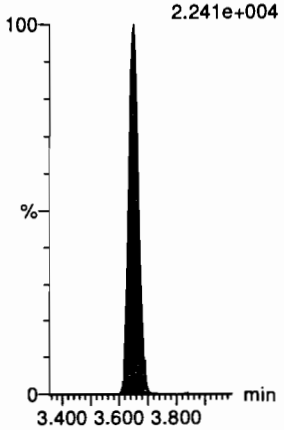
13C5-PFHxA



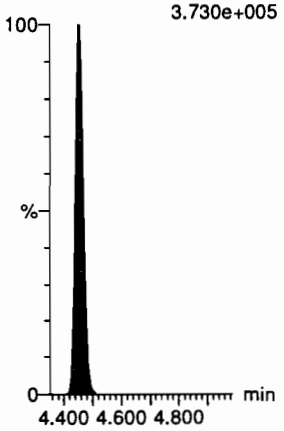
13C8-PFOA



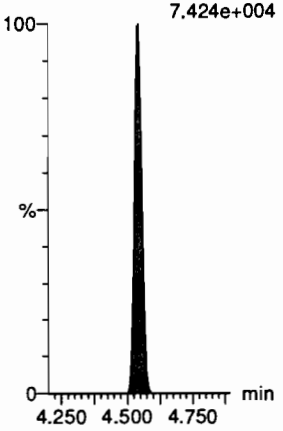
18O2-PFHxS



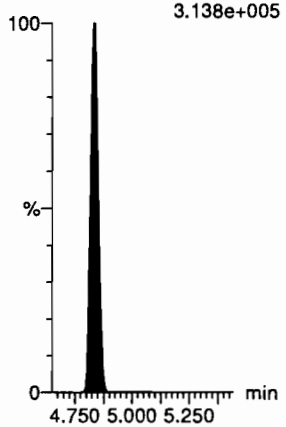
13C9-PFNA



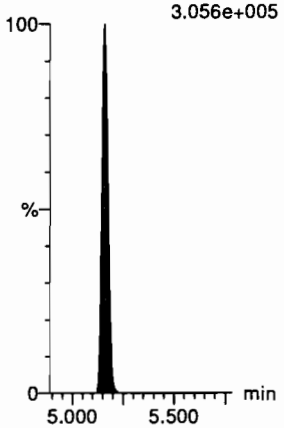
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 12:58:05 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:58:14 Pacific Daylight Time

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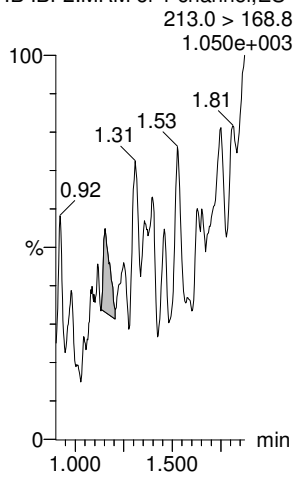
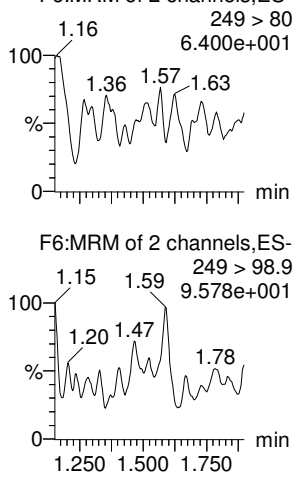
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-08-20.cdb 09 Jun 2020 12:46:03

Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

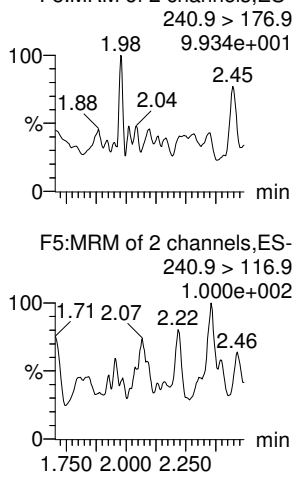
PFBA



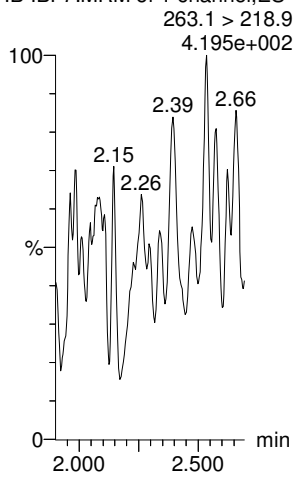
PFPrS



3:3 FTCA



PFPeA



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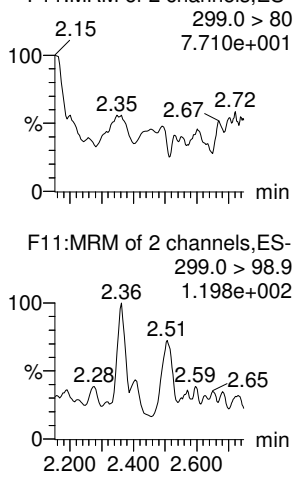
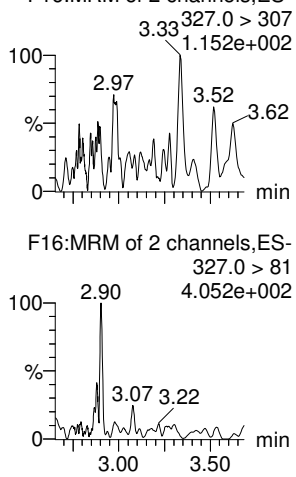
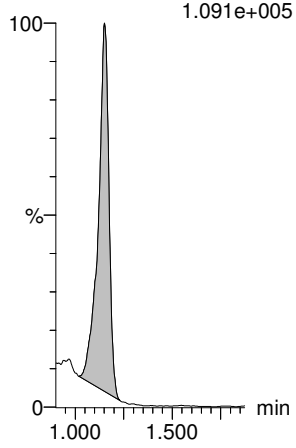


4:2 FTS



13C3-PFBA-EIS



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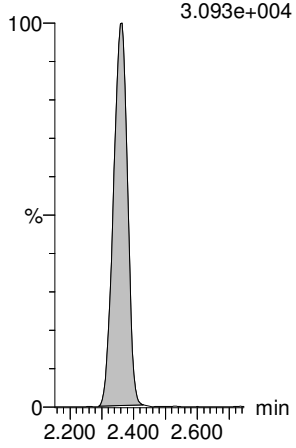

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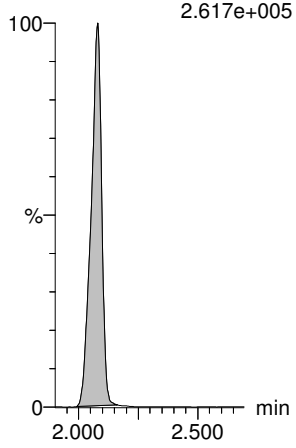

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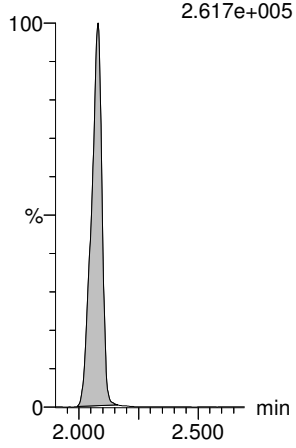

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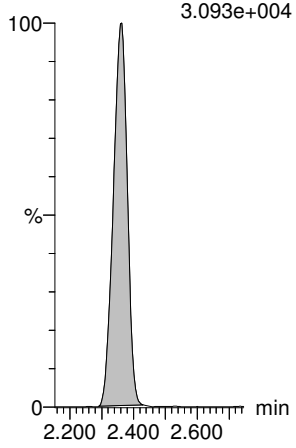
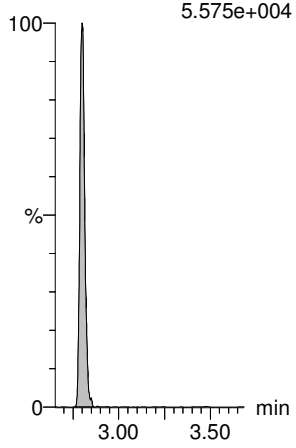


13C2-4:2 FTS-EIS



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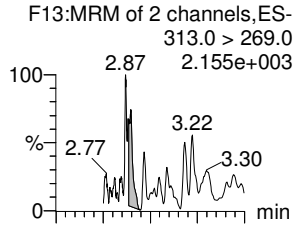
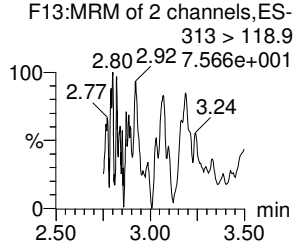
Last Altered: Tuesday, June 09, 2020 12:58:05 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:58:14 Pacific Daylight Time

Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

PFHxA





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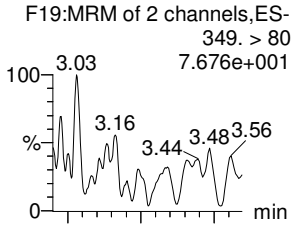
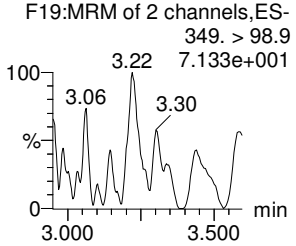
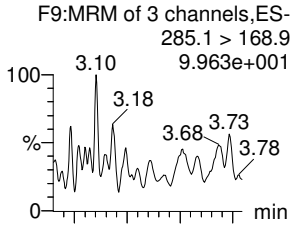
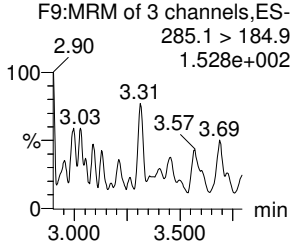


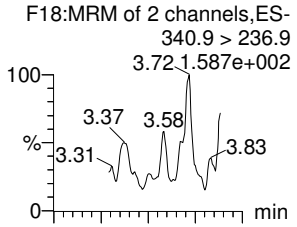


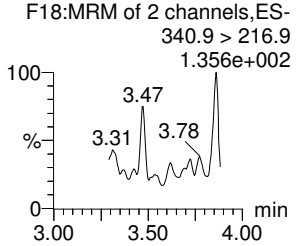
HFPO-DA





5:3 FTCA





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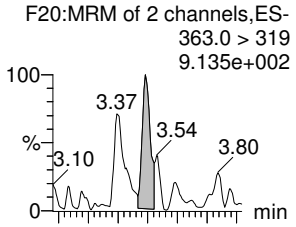

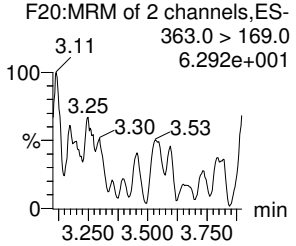

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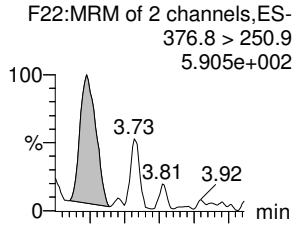

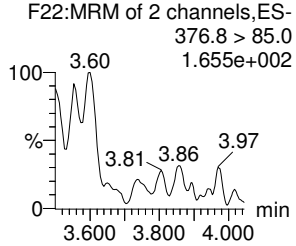

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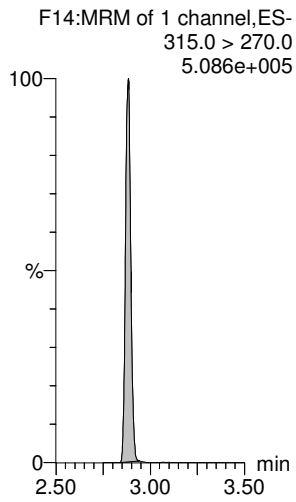
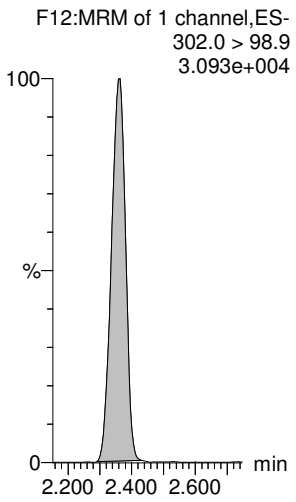


13C3-PFBS-EIS



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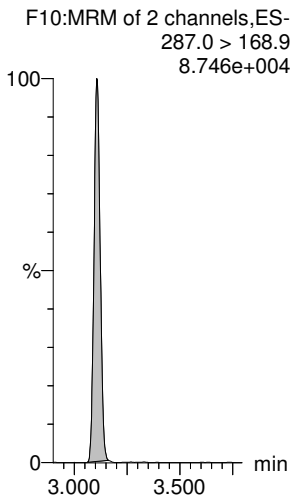

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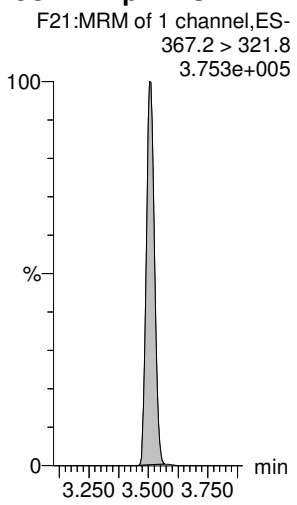

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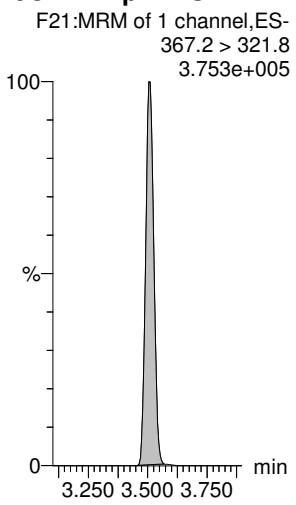

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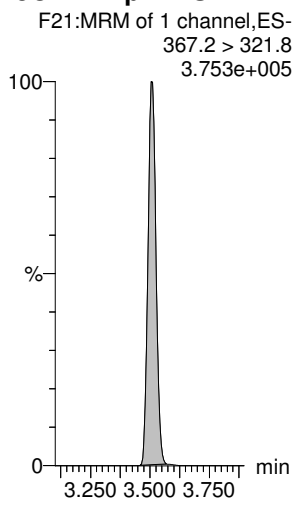

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Last Altered: Tuesday, June 09, 2020 12:58:05 Pacific Daylight Time
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Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

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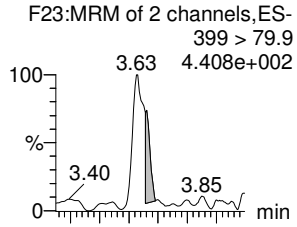
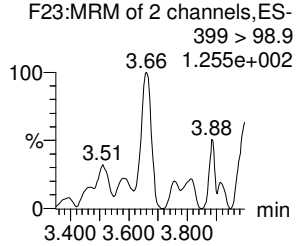
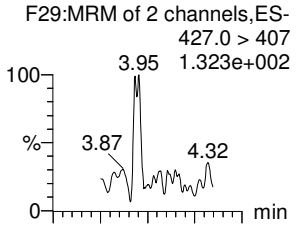
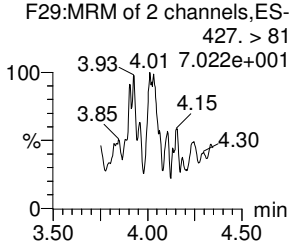


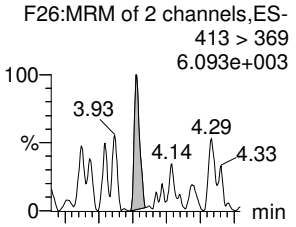


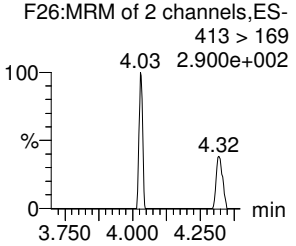
6:2 FTS





L-PFOA





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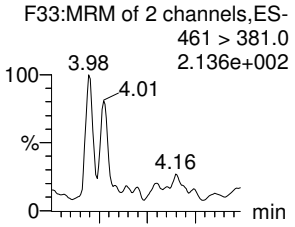

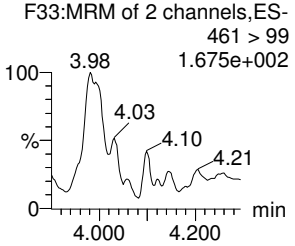

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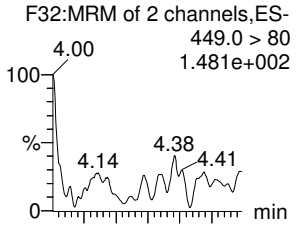
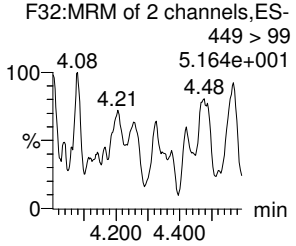
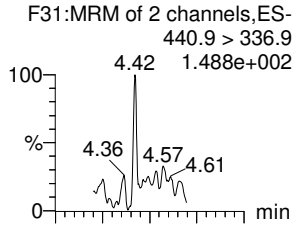
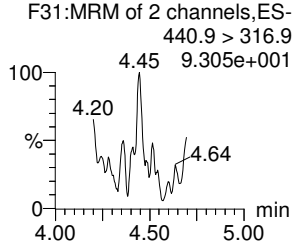


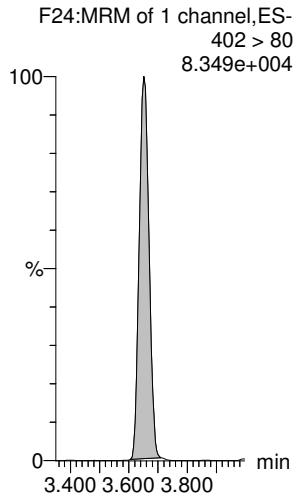


7:3 FTCA

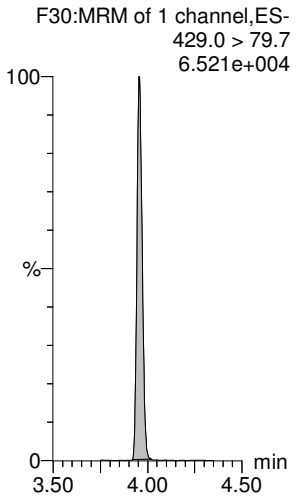




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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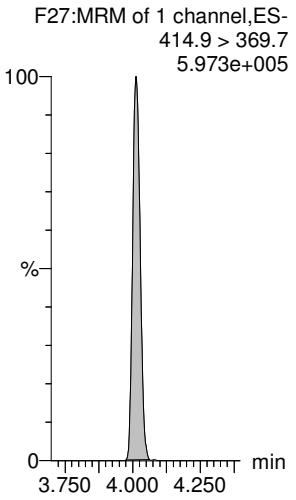

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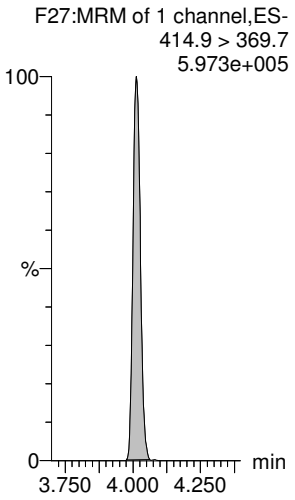

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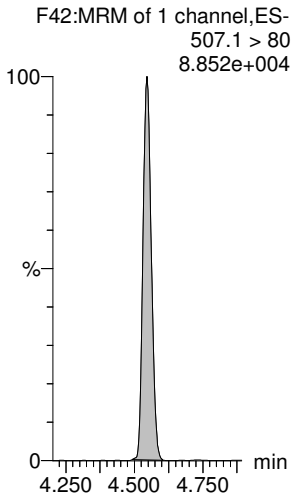

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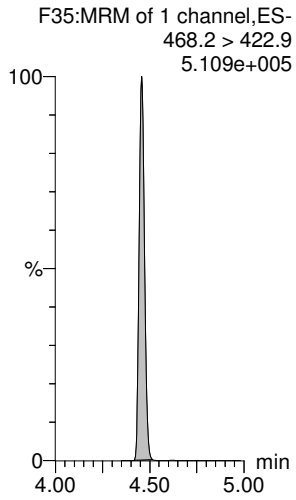

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Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

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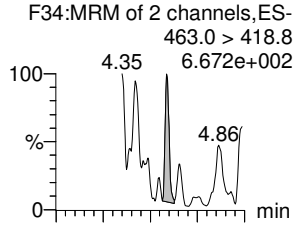

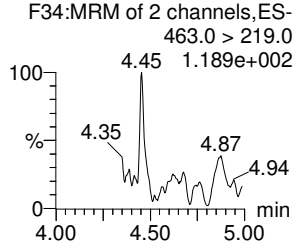

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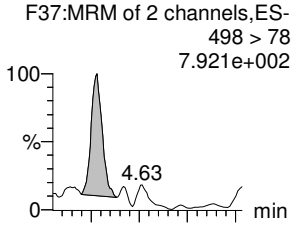
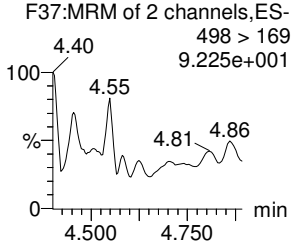
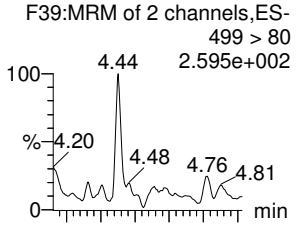
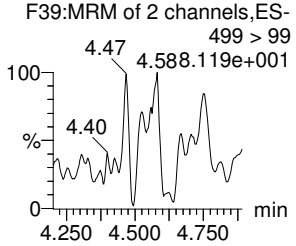




L-PFOS





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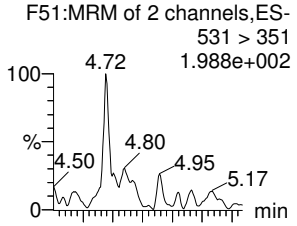

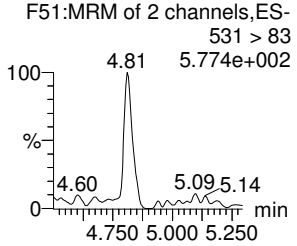

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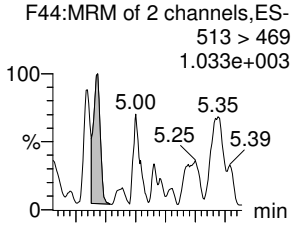
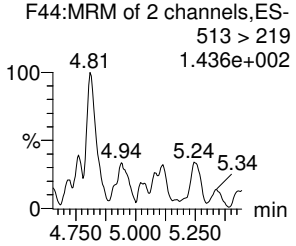
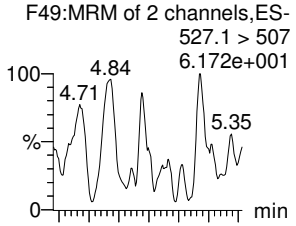
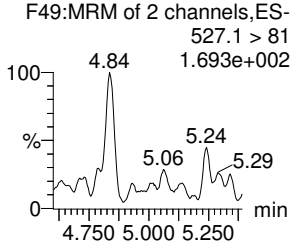


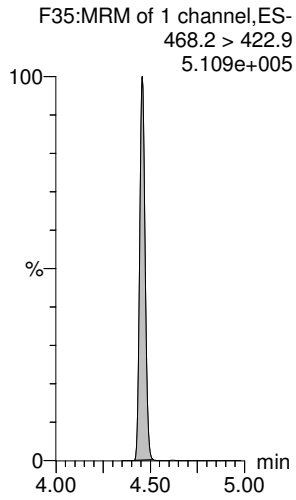


8:2 FTS

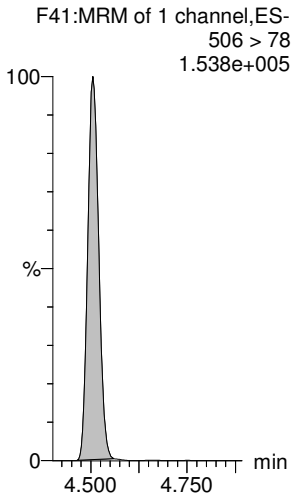




13C5-PFNA-EIS



13C8-PFOSA-EIS



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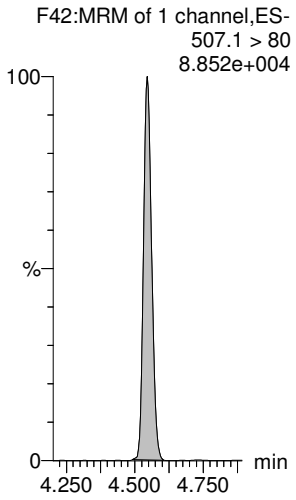

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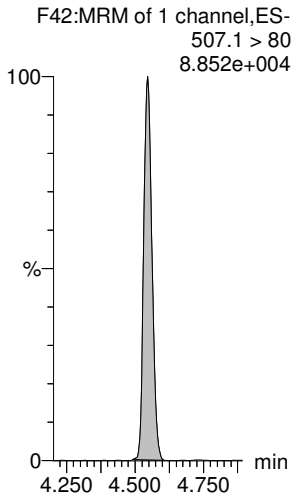

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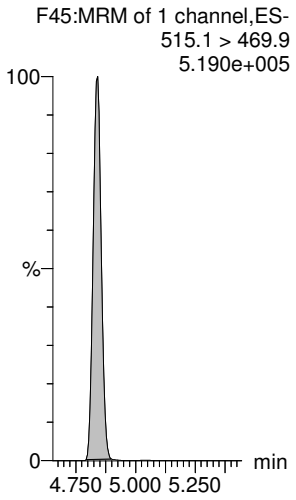
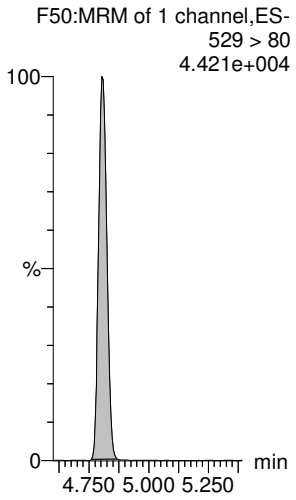


13C2-8:2 FTS-EIS



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Printed: Tuesday, June 09, 2020 12:58:14 Pacific Daylight Time

Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

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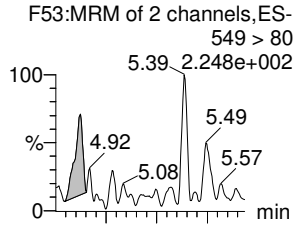

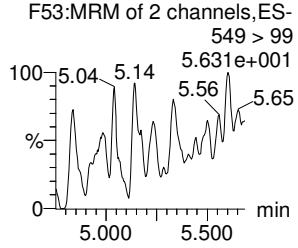

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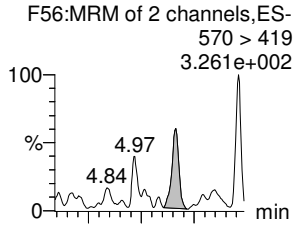

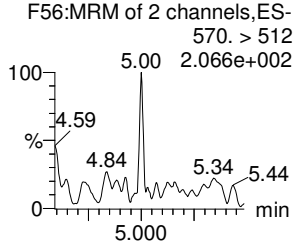

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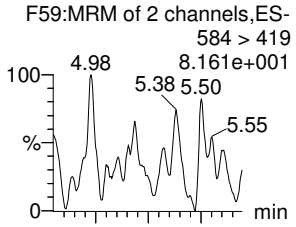

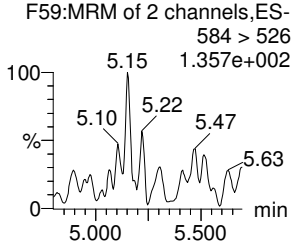

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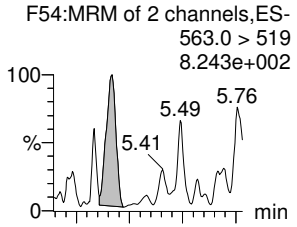

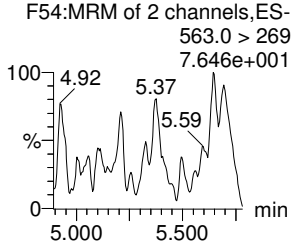

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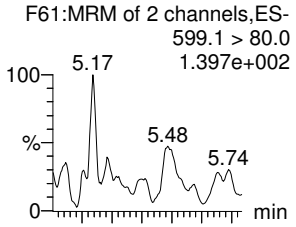

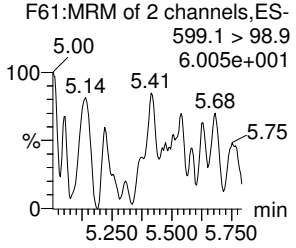

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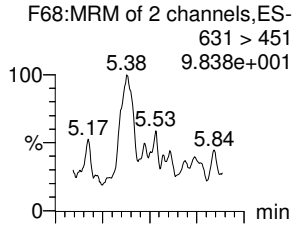

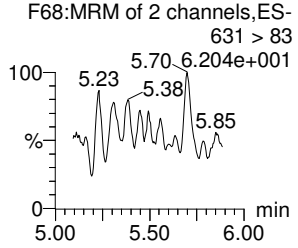

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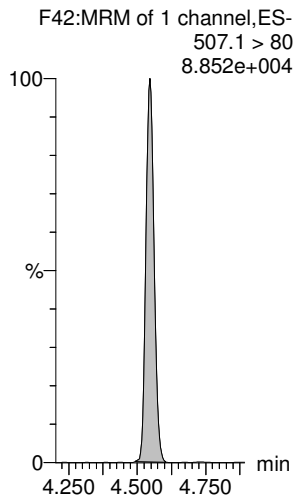

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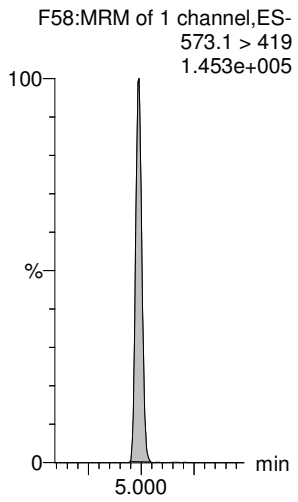

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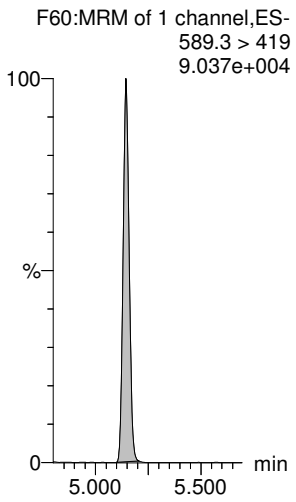

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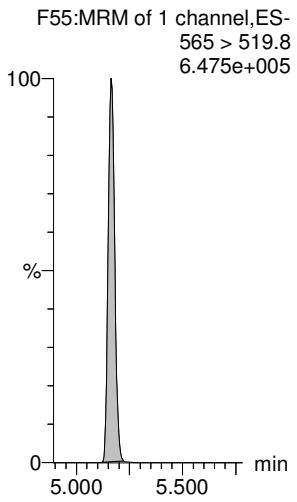

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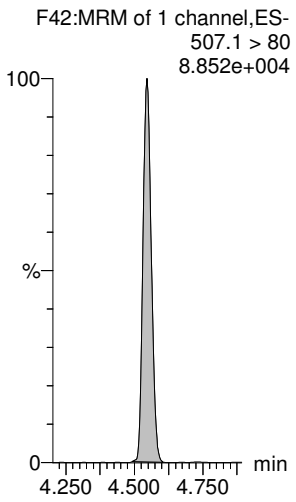

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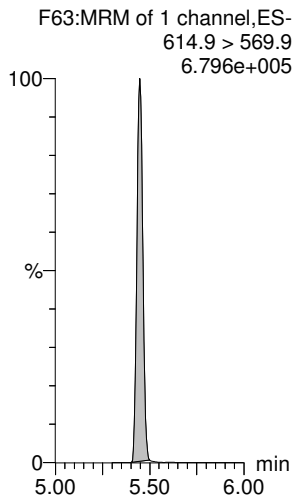

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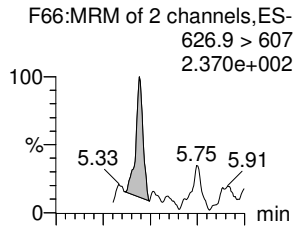
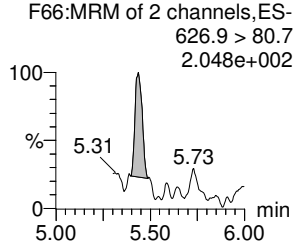
10:2 FTS





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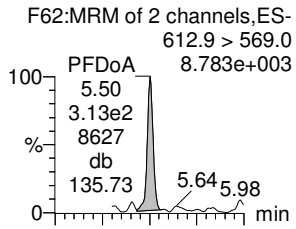

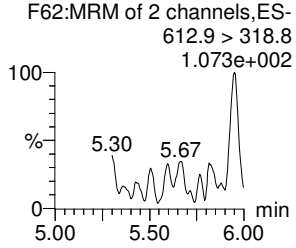

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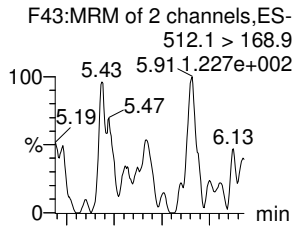

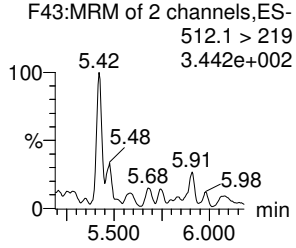

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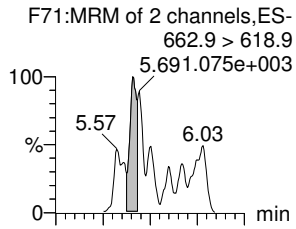

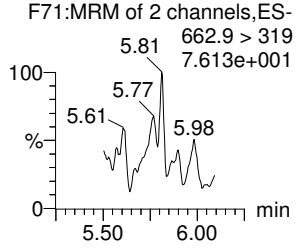

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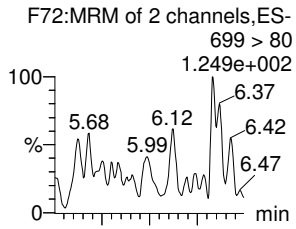

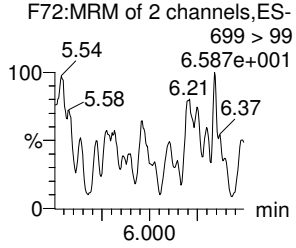

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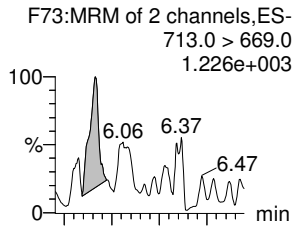
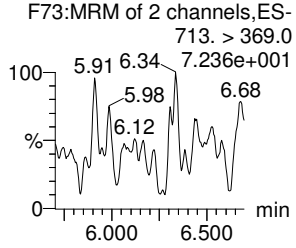
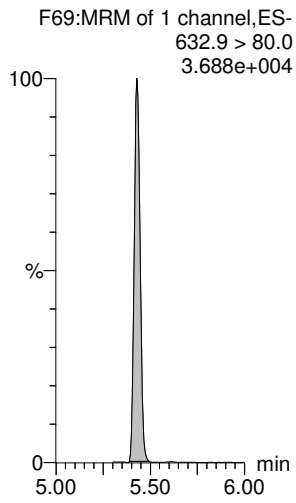




13C2-10:2 FTS-EIS



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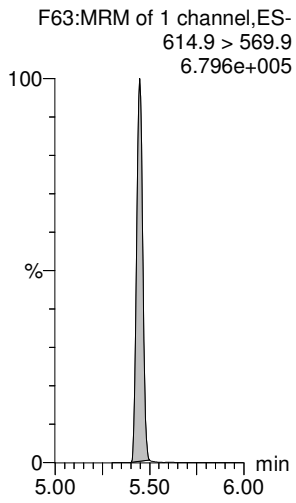
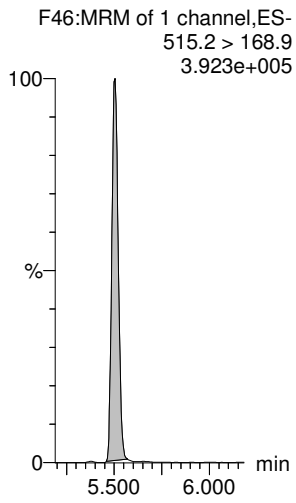


d3-N-MeFOSA-EIS



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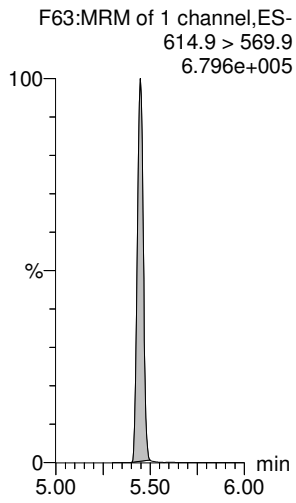

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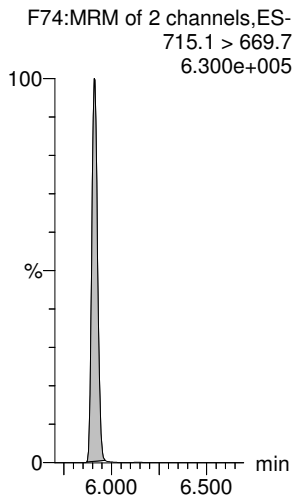

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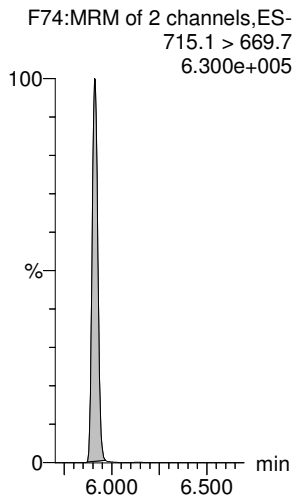

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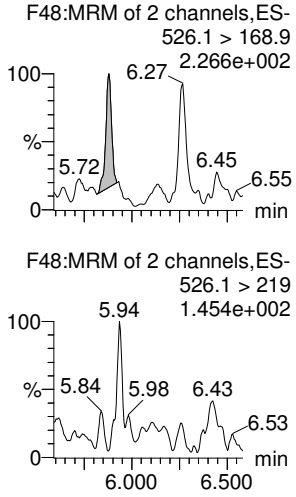
Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

N-EtFOSA



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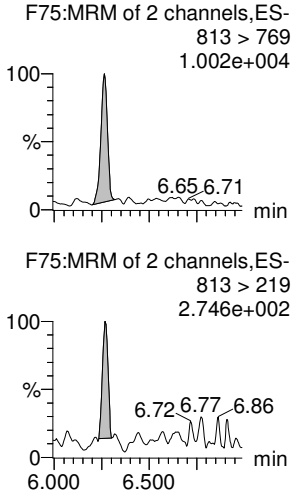

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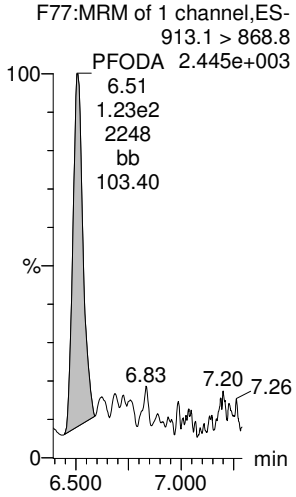

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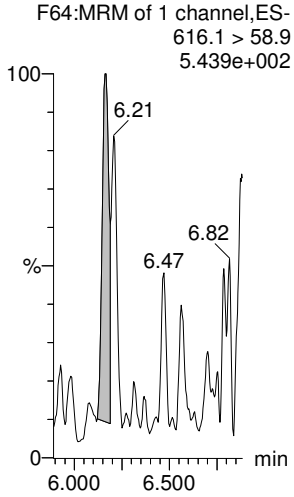

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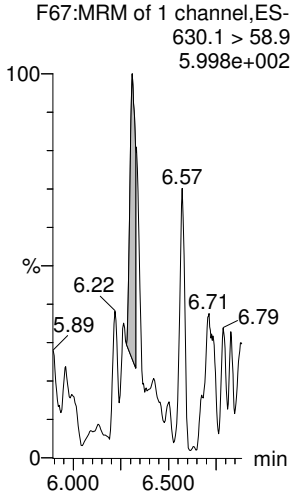
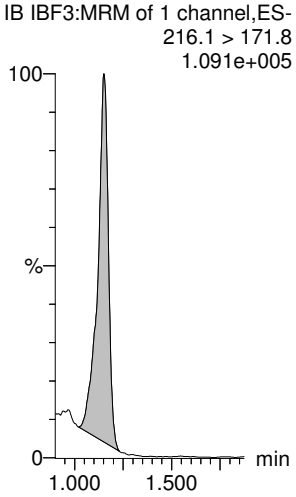
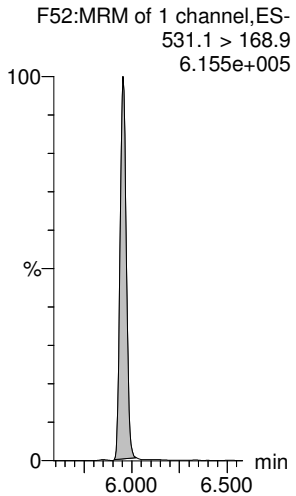


13C3-PFBA-RSD



d5-N-ETFOSA-EIS



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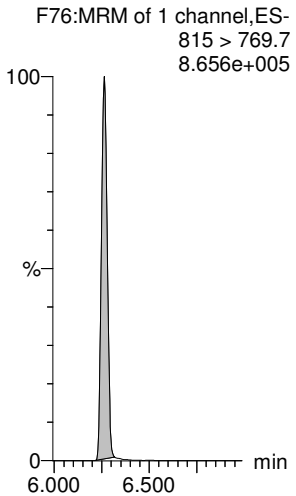
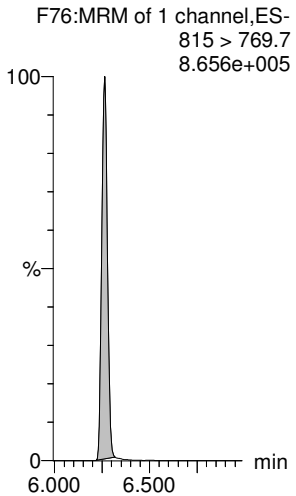
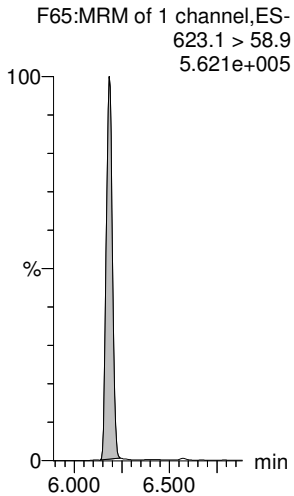


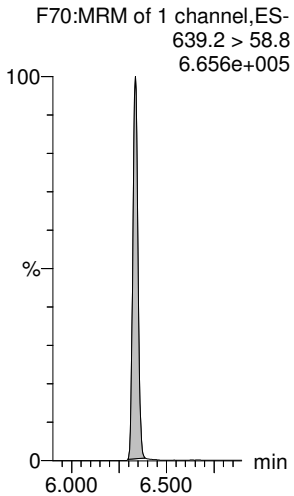
13C2-PFHxDA-EIS



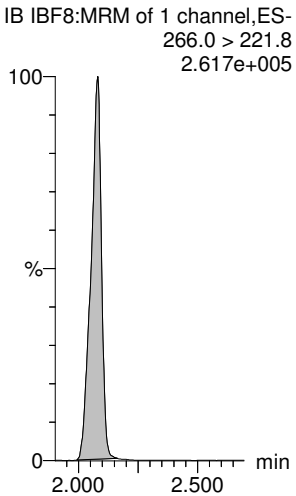
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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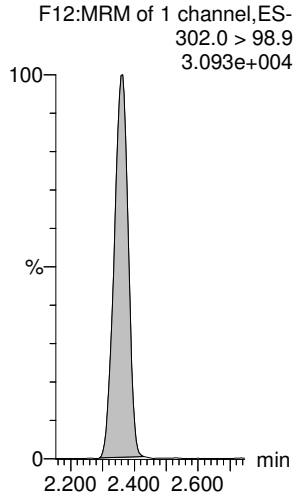
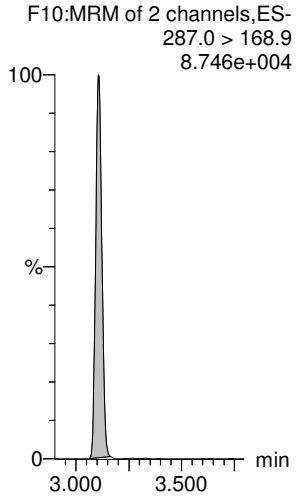
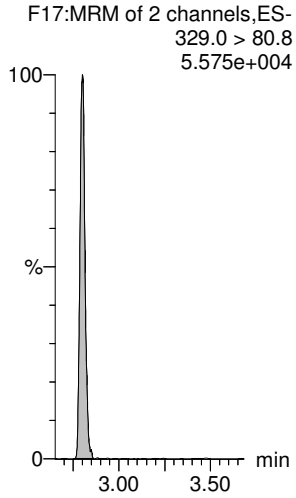
13C3-PFBS-RSD



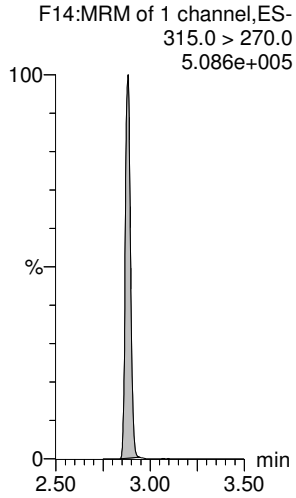
13C3-HFPO-DA-RSD



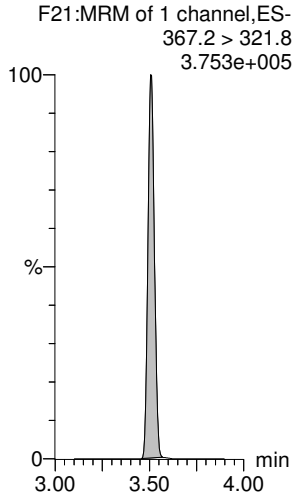
13C2-4:2 FTS-RSD



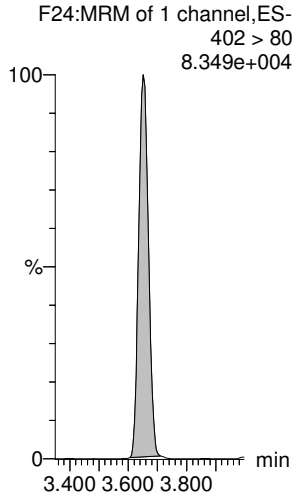
13C2-PFHxA-RSD



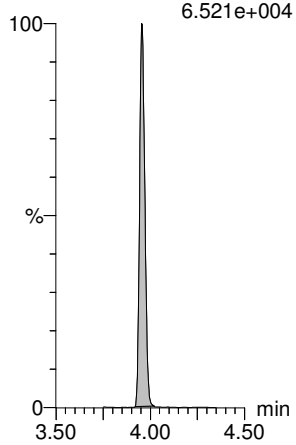
13C4-PFHpA-RSD



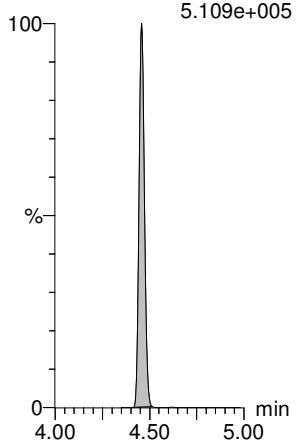
13C3-PFHxS-RSD



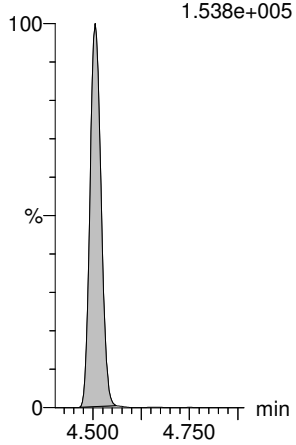
13C2-6:2 FTS-RSD



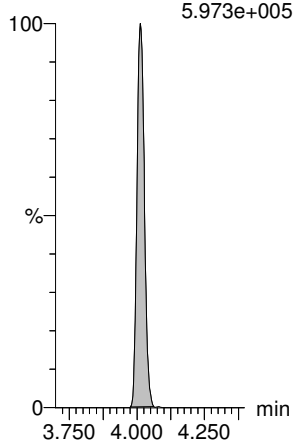
13C5-PFNA-RSD



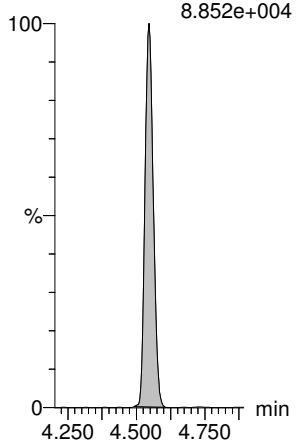
13C8-PFOSA-RSD



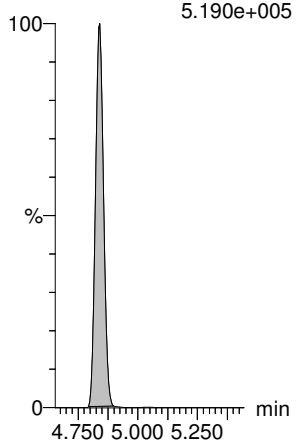
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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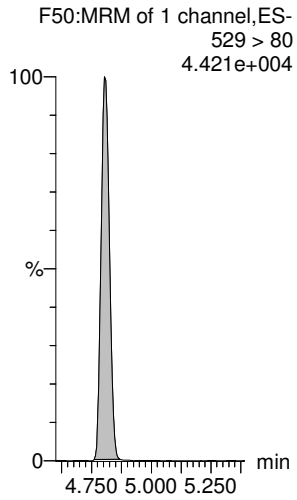
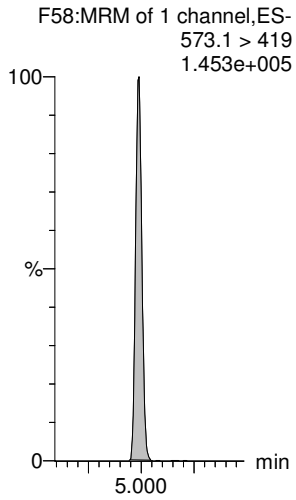
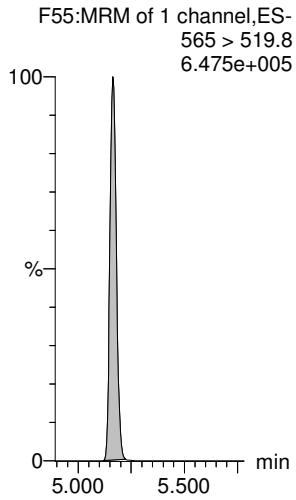
13C2-8:2 FTS-RSD



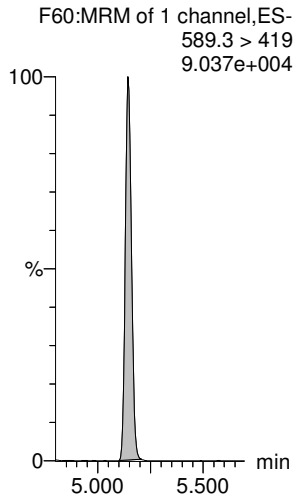
d3-N-MeFOSAA-RSD



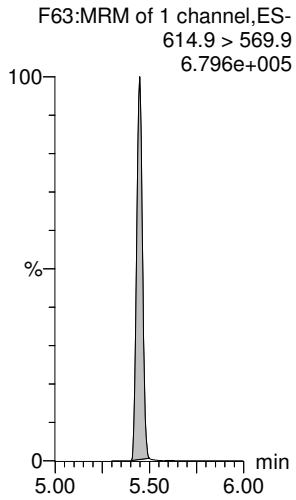
13C2-PFUdA-RSD



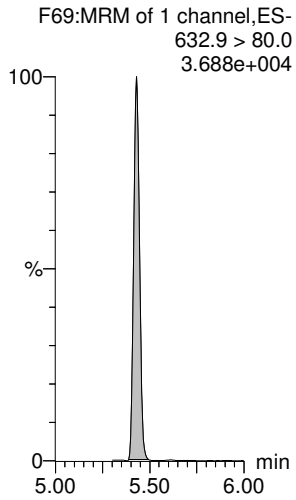
d5-N-EtFOSAA-RSD



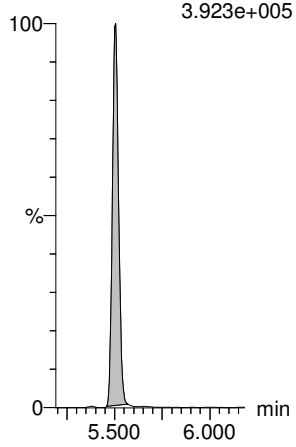
13C2-PFDoA-RSD



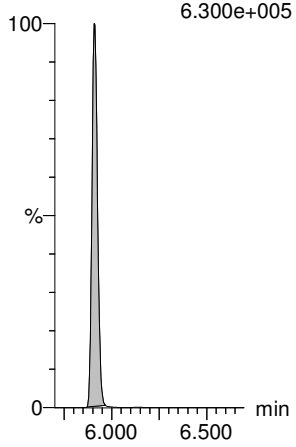
13C2-10:2 FTS-RSD



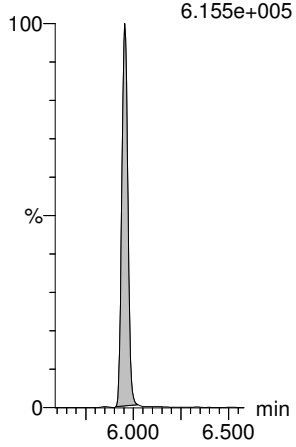
d3-N-MeFOSA-RSD



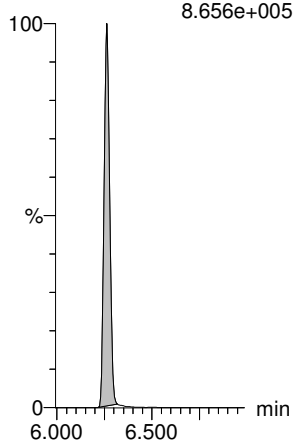
13C2-PFTeDA-RSD



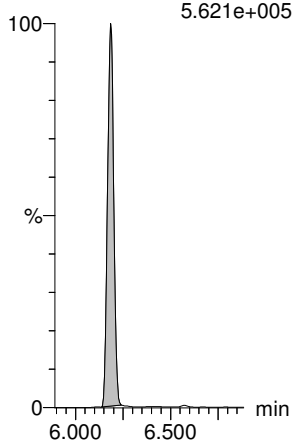
d5-N-ETFOSA-RSD



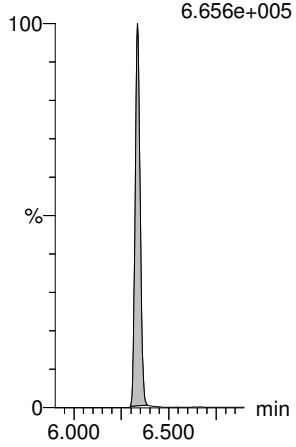
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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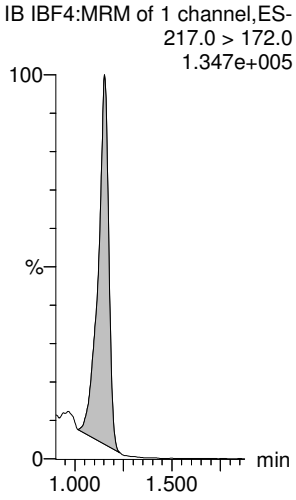
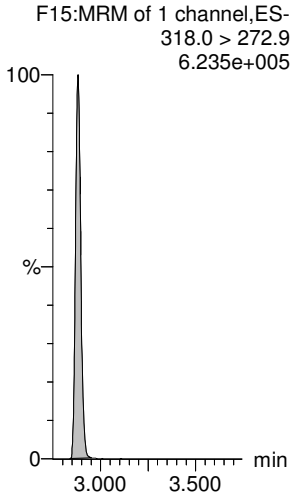
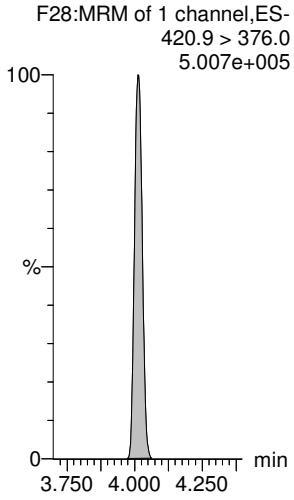
13C4-PFBA



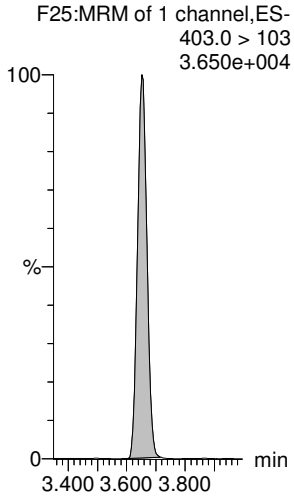
13C5-PFHxA



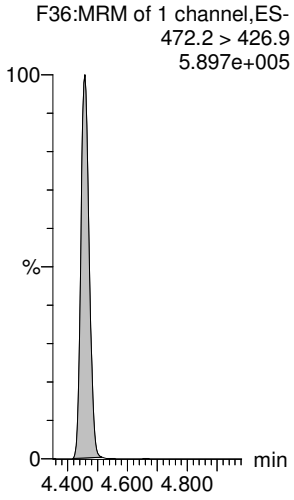
13C8-PFOA



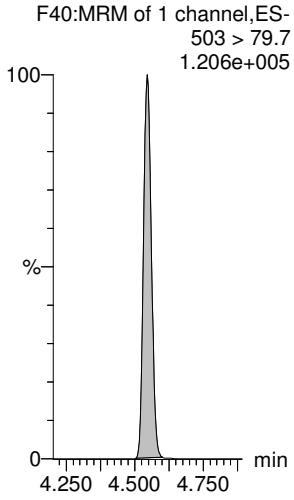
18O2-PFHxS



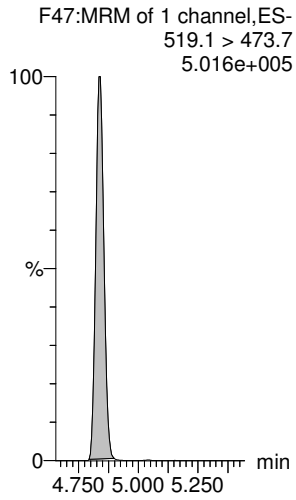
13C9-PFNA



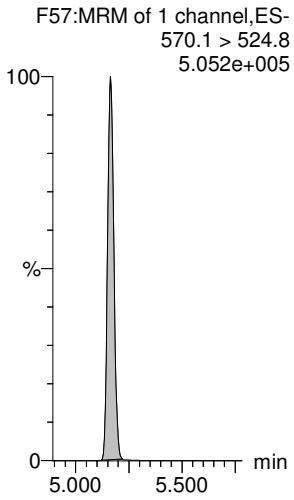
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	8.590	6588.923	1.00	1.15	0.016				NO		
2	2	PFPrS	249 > 80		1554.143	1.00						NO		YES
3	3	3:3 FTCA	240.9 > 176.9		13086.446	1.00						NO		YES
4	4	PFPeA	263.1 > 218.9		13086.446	1.00						NO		
5	5	PFBS	299.0 > 80		1554.143	1.00						NO		YES
6	6	4:2 FTS	327.0 > 307		1741.272	1.00						NO		YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	6588.923		1.00	1.15	6588.923	12.500	20.1	160.5	YES		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1554.143		1.00	2.36	1554.143	12.500	18.5	147.7	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	13086.446		1.00	2.08	13086.446	12.500	18.4	147.2	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	13086.446		1.00	2.08	13086.446	12.500	18.4	147.2	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1554.143		1.00	2.36	1554.143	12.500	18.5	147.7	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1741.272		1.00	2.80	1741.272	12.500	18.8	150.5	YES		
13	-1													
14	7	PFHxA	313.0 > 269.0	32.781	15912.285	1.00	2.90	0.026				NO		YES
15	8	PFPeS	349.>80		1554.143	1.00						NO		YES
16	9	HFPO-DA	285.1 > 168.9		2858.615	1.00						NO		YES
17	10	5:3 FTCA	340.9 > 236.9		14600.792	1.00						NO		YES
18	11	PFHpA	363.0 > 319	34.411	14600.792	1.00	3.49	0.029				NO		YES
19	12	ADONA	376.8 > 250.9	29.465	14600.792	1.00	3.59	0.025				NO		YES
20	57	13C2-PFHxA-EIS	315.0 > 270.0	15912.285		1.00	2.88	15912.285	12.500	18.0	144.4	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1554.143		1.00	2.36	1554.143	12.500	18.5	147.7	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2858.615		1.00	3.11	2858.615	12.500	19.6	157.2	YES		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	14600.792		1.00	3.51	14600.792	12.500	18.2	146.0	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	14600.792		1.00	3.51	14600.792	12.500	18.2	146.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	14600.792		1.00	3.51	14600.792	12.500	18.2	146.0	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	5.266	3156.214	1.00	3.66	0.021		0.0805		NO		YES
28	15	6:2 FTS	427.0 > 407		2035.313	1.00						NO		YES
29	16	L-PFOA	413 > 369	137.770	18811.850	1.00	4.01	0.092		0.188		NO		YES
30	18	PFecHS	461 > 381.0		18811.850	1.00						NO		YES
31	19	PFHpS	449.0 > 80		3030.982	1.00						NO		YES
32	20	7:3 FTCA	440.9 > 336.9		16209.135	1.00						NO		YES
33	61	13C3-PFHxS-EIS	402 > 80	3156.214		1.00	3.65	3156.214	12.500	18.2	145.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	2035.313		1.00	3.95	2035.313	12.500	18.5	147.7	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	18811.850		1.00	4.01	18811.850	12.500	18.1	144.7	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	18811.850		1.00	4.01	18811.850	12.500	18.1	144.7	NO		

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37	71	13C8-PFOS-EIS	507.1 > 80	3030.982		1.00	4.55	3030.982	12.500	17.5	140.1	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	16209.135		1.00	4.46	16209.135	12.500	18.4	147.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	14.755	16209.135	1.00	4.59	0.011				NO		YES
41	22	PFOSA	498 > 78	23.360	5017.549	1.00	4.52	0.058		0.0121		NO		YES
42	23	L-PFOS	499 > 80		3030.982	1.00						NO		YES
43	25	9Cl-PF30NS	531 > 351		3030.982	1.00						NO		YES
44	26	PFDA	513 > 469	32.685	20183.961	1.00	4.84	0.020				NO		YES
45	27	8:2 FTS	527.1 > 507		1745.960	1.00						NO		YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	16209.135		1.00	4.46	16209.135	12.500	18.4	147.3	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5017.549		1.00	4.51	5017.549	12.500	18.0	144.2	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	3030.982		1.00	4.55	3030.982	12.500	17.5	140.1	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	3030.982		1.00	4.55	3030.982	12.500	17.5	140.1	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	20183.961		1.00	4.84	20183.961	12.500	19.3	154.3	YES		
51	75	13C2-8:2 FTS-EIS	529 > 80	1745.960		1.00	4.80	1745.960	12.500	16.5	132.3	NO		
52	-1													
53	28	PFNS	549 > 80	6.131	3030.982	1.00	4.87	0.025		0.00976		NO		YES
54	29	L-MeFOSAA	570 > 419	7.214	4805.397	1.00	5.16	0.019		0.0366		NO		YES
55	31	L-EtFOSAA	584 > 419		3029.993	1.00						NO		YES
56	33	PFUdA	563.0 > 519	41.774	22153.000	1.00	5.17	0.024				NO		YES
57	34	PFDS	599.1 > 80.0		3030.982	1.00						NO		YES
58	35	11Cl-PF30UdS	631 > 451		24246.758	1.00						NO		YES
59	71	13C8-PFOS-EIS	507.1 > 80	3030.982		1.00	4.55	3030.982	12.500	17.5	140.1	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4805.397		1.00	4.99	4805.397	12.500	18.1	144.8	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	3029.993		1.00	5.14	3029.993	12.500	16.8	134.5	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	22153.000		1.00	5.16	22153.000	12.500	19.2	153.8	YES		
63	71	13C8-PFOS-EIS	507.1 > 80	3030.982		1.00	4.55	3030.982	12.500	17.5	140.1	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	24246.758		1.00	5.45	24246.758	12.500	18.8	150.2	YES		
65	-1													
66	36	10:2 FTS	626.9 > 607	9.168	1325.810	1.00	5.44	0.086		0.0642		NO	1.300	NO
67	37	PFDoA	612.9 > 569.0	313.208	24246.758	1.00	5.50	0.161		0.114		NO		YES
68	38	N-MeFOSA	512.1 > 168.9		14848.278	1.00						NO		YES
69	39	PFTrDA	662.9 > 618.9	43.729	24246.758	1.00	5.66	0.023				NO		YES
70	40	PFDoS	699 > 80		21627.621	1.00						NO		YES
71	41	PFTeDA	713.0 > 669.0	55.683	21627.621	1.00	5.91	0.032				NO		YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1325.810		1.00	5.43	1325.810	12.500	18.7	150.0	NO		

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 12:58:05 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:58:14 Pacific Daylight Time

Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	24246.758		1.00	5.45	24246.758	12.500	18.8	150.2	YES		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	14848.278		1.00	5.50	14848.278	149.200	196	131.2	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	24246.758		1.00	5.45	24246.758	12.500	18.8	150.2	YES		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	21627.621		1.00	5.91	21627.621	12.500	18.5	148.3	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	21627.621		1.00	5.91	21627.621	12.500	18.5	148.3	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	6.553	22473.732	1.00	5.88	0.044				NO		YES
80	43	PFHxDA	813 > 769	368.993	29858.373	1.00	6.26	0.154				NO	47.012	NO
81	44	PFODA	913.1 > 868.8	122.840	29858.373	1.00	6.51	0.051		0.0416		NO		
82	45	N-MeFOSE	616.1 > 58.9	19.862	20486.488	1.00	6.16	0.145				NO		
83	46	N-EtFOSE	630.1 > 58.9	13.366	20641.092	1.00	6.31	0.097				NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	6588.923	8112.502	1.00	1.15	10.152	12.500	11.4	90.9	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	22473.732		1.00	5.95	22473.732	149.200	190	127.3	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	29858.373		1.00	6.26	29858.373	12.500	17.3	138.3	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	29858.373		1.00	6.26	29858.373	12.500	17.3	138.3	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	20486.488		1.00	6.18	20486.488	149.200	208	139.5	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	20641.092		1.00	6.33	20641.092	149.200	196	131.4	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	13086.446	19429.609	1.00	2.08	8.419	12.500	11.4	91.6	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1554.143	1360.317	1.00	2.36	14.281	12.500	11.5	92.1	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2858.615	19429.609	1.00	3.11	1.839	12.500	11.4	90.9	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1741.272	1360.317	1.00	2.80	16.001	12.500	11.7	93.5	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	15912.285	19429.609	1.00	2.88	10.237	12.500	11.1	89.1	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	14600.792	19429.609	1.00	3.51	9.393	12.500	11.5	91.9	NO		
97	62	13C3-PFHxS-RSD	402 > 80	3156.214	1360.317	1.00	3.65	29.003	12.500	12.1	96.8	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	2035.313	3924.687	1.00	3.95	6.482	12.500	11.4	91.0	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	16209.135	18828.258	1.00	4.46	10.761	12.500	11.2	89.3	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5017.549	17236.707	1.00	4.51	3.639	12.500	11.2	89.6	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	18811.850	16382.656	1.00	4.01	14.353	12.500	11.9	95.1	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	3030.982	3924.687	1.00	4.55	9.654	12.500	11.0	88.0	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	20183.961	19485.307	1.00	4.84	12.948	12.500	11.4	91.5	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1745.960	3924.687	1.00	4.80	5.561	12.500	10.7	85.4	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4805.397	17236.707	1.00	4.99	3.485	12.500	11.6	93.0	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	22153.000	17236.707	1.00	5.16	16.065	12.500	11.8	94.6	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	3029.993	17236.707	1.00	5.14	2.197	12.500	10.9	87.1	NO		

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Name: 200608P1-15, Date: 08-Jun-2020, Time: 19:42:51, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	24246.758	19485.307	1.00	5.45	15.555	12.500	11.1	88.6	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1325.810	3924.687	1.00	5.43	4.223	12.500	11.3	90.5	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	14848.278	17236.707	1.00	5.50	10.768	149.200	121	81.2	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	21627.621	17236.707	1.00	5.91	15.684	12.500	11.5	91.8	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	22473.732	17236.707	1.00	5.95	16.298	149.200	125	83.9	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	29858.373	17236.707	1.00	6.26	21.653	12.500	10.7	85.7	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	20486.488	17236.707	1.00	6.18	14.857	149.200	134	89.6	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	20641.092	17236.707	1.00	6.33	14.969	149.200	126	84.7	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	8112.502	8112.502	1.00	1.15	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	19429.609	19429.609	1.00	2.88	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	16382.656	16382.656	1.00	4.01	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1360.317	1360.317	1.00	3.65	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	18828.258	18828.258	1.00	4.46	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3924.687	3924.687	1.00	4.55	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	19485.307	19485.307	1.00	4.84	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	17236.707	17236.707	1.00	5.16	12.500	12.500	12.5	100.0	NO		

Low Points
PFDoS: 0.5

High points
3:3 FTCA: 100
5:3 FTCA:
5:3 FTCA:
PFHxA:
PFECHS: 250
PFDA:
10:2 FTS

Quantify Compound Summary Report **MassLynx V4.2 SCN977**
Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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8:2 Invalid

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

✓ JR 06/10/2020

Compound name: PFBA
Correlation coefficient: r = 0.999544, r^2 = 0.999088
Calibration curve: 1.01586 * x + 0.075389
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	1.18	87.948	3875.625	0.284	0.2	-18.0	NO	0.999	NO	MM
2	2	200609P1-6	Standard	0.500	1.17	196.273	3927.594	0.625	0.5	8.1	NO	0.999	NO	MM
3	3	200609P1-7	Standard	1.000	1.17	343.476	4095.039	1.048	1.0	-4.2	NO	0.999	NO	MM
4	4	200609P1-8	Standard	2.000	1.17	682.712	4018.351	2.124	2.0	0.8	NO	0.999	NO	MM
5	5	200609P1-9	Standard	5.000	1.17	1667.724	3876.243	5.378	5.2	4.4	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	1.17	3414.704	3914.321	10.905	10.7	6.6	NO	0.999	NO	bb
7	7	200609P1-11	Standard	50.000	1.17	16818.057	4228.813	49.713	48.9	-2.3	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	1.17	33627.805	3852.266	109.117	107.3	7.3	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	1.17	86608.289	4384.229	246.931	243.0	-2.8	NO	0.999	NO	bb
10	10	200609P1-14	Standard	500.000	1.18	166514.234	4097.666	507.955	499.9	-0.0	NO	0.999	NO	bb

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.998387
Calibration curve: 0.000121758 * x^2 + 0.76894 * x + 0.023112
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	1.50	19.590	991.724	0.247	0.3	16.4	NO	0.998	NO	MM
2	2	200609P1-6	Standard	0.500	1.50	30.789	1064.081	0.362	0.4	-11.9	NO	0.998	NO	MM
3	3	200609P1-7	Standard	1.000	1.49	72.329	1125.865	0.803	1.0	1.4	NO	0.998	NO	MM
4	4	200609P1-8	Standard	2.000	1.49	138.187	1070.194	1.614	2.1	3.4	NO	0.998	NO	MM
5	5	200609P1-9	Standard	5.000	1.49	285.986	1028.600	3.475	4.5	-10.3	NO	0.998	NO	MM
6	6	200609P1-10	Standard	10.000	1.49	747.594	1095.699	8.529	11.0	10.4	NO	0.998	NO	MM
7	7	200609P1-11	Standard	50.000	1.49	3511.847	1150.053	38.170	49.2	-1.5	NO	0.998	NO	bb
8	8	200609P1-12	Standard	100.000	1.49	7339.585	1084.616	84.587	108.1	8.1	NO	0.998	NO	db
9	9	200609P1-13	Standard	250.000	1.49	17767.814	1170.537	189.740	237.8	-4.9	NO	0.998	NO	bb
10	10	200609P1-14	Standard	500.000	1.50	34048.711	1016.370	418.754	504.3	0.9	NO	0.998	NO	bb

OPV 06/10/20

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999222
Calibration curve: 0.000103328 * x^2 + 0.108725 * x + -0.000319173
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	1.97	18.014	8238.390	0.027	0.3	1.7	NO	0.999	NO	MM
2	2	200609P1-6	Standard	0.500	1.96	32.830	9040.335	0.045	0.4	-15.9	NO	0.999	NO	MM
3	3	200609P1-7	Standard	1.000	1.95	86.687	9366.643	0.116	1.1	6.6	NO	0.999	NO	MM
4	4	200609P1-8	Standard	2.000	1.95	150.652	9210.056	0.204	1.9	-6.0	NO	0.999	NO	MM
5	5	200609P1-9	Standard	5.000	1.96	437.163	9023.641	0.606	5.5	10.9	NO	0.999	NO	MM
6	6	200609P1-10	Standard	10.000	1.96	850.050	9334.586	1.138	10.4	3.7	NO	0.999	NO	MM
7	7	200609P1-11	Standard	50.000	1.95	4319.850	9756.241	5.535	48.7	-2.7	NO	0.999	NO	MM
8	8	200609P1-12	Standard	100.000	1.96	8907.283	9295.169	11.978	100.6	0.6	NO	0.999	NO	MM
9	9	200609P1-13	Standard	250.000	1.96	4481.068	10031.275	5.584	49.1	-80.4	YES	0.999	NO	MMX
10	10	200609P1-14	Standard	500.000	1.96	8868.415	8965.439	12.365	103.5	-79.3	YES	0.999	NO	MMX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999232
Calibration curve: 9.08086e-005 * x^2 + 0.874708 * x + 0.056203
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	2.09	176.076	8238.390	0.267	0.2	-3.5	NO	0.999	NO	MM
2	2	200609P1-6	Standard	0.500	2.09	366.569	9040.335	0.507	0.5	3.0	NO	0.999	NO	MM
3	3	200609P1-7	Standard	1.000	2.09	745.202	9366.643	0.994	1.1	7.3	NO	0.999	NO	MM
4	4	200609P1-8	Standard	2.000	2.09	1329.361	9210.056	1.804	2.0	-0.1	NO	0.999	NO	MM
5	5	200609P1-9	Standard	5.000	2.09	3446.793	9023.641	4.775	5.4	7.8	NO	0.999	NO	MM
6	6	200609P1-10	Standard	10.000	2.09	7252.863	9334.586	9.712	11.0	10.3	NO	0.999	NO	MM
7	7	200609P1-11	Standard	50.000	2.09	34213.461	9756.241	43.835	49.8	-0.4	NO	0.999	NO	MM
8	8	200609P1-12	Standard	100.000	2.09	68620.500	9295.169	92.280	104.3	4.3	NO	0.999	NO	MM
9	9	200609P1-13	Standard	250.000	2.09	173348.875	10031.275	216.011	240.9	-3.7	NO	0.999	NO	MM
10	10	200609P1-14	Standard	500.000	2.09	332466.781	8965.439	463.539	503.5	0.7	NO	0.999	NO	MM

Vista Analytical Laboratory

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Compound name: PFBS
Correlation coefficient: r = 0.999330, r^2 = 0.998660
Calibration curve: 2.51817 * x + 0.0561925
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	2.38	53.601	991.724	0.676	0.2	-1.6	NO	0.999	NO	MM
2	2	200609P1-6	Standard	0.500	2.37	104.121	1064.081	1.223	0.5	-7.3	NO	0.999	NO	MM
3	3	200609P1-7	Standard	1.000	2.38	233.508	1125.865	2.593	1.0	0.7	NO	0.999	NO	MM
4	4	200609P1-8	Standard	2.000	2.37	439.121	1070.194	5.129	2.0	0.7	NO	0.999	NO	MM
5	5	200609P1-9	Standard	5.000	2.37	1155.692	1028.600	14.044	5.6	11.1	NO	0.999	NO	MM
6	6	200609P1-10	Standard	10.000	2.37	2388.662	1095.699	27.250	10.8	8.0	NO	0.999	NO	MM
7	7	200609P1-11	Standard	50.000	2.37	11232.559	1150.053	122.087	48.5	-3.1	NO	0.999	NO	MM
8	8	200609P1-12	Standard	100.000	2.37	22680.232	1084.616	261.386	103.8	3.8	NO	0.999	NO	MM
9	9	200609P1-13	Standard	250.000	2.37	55814.809	1170.537	596.038	236.7	-5.3	NO	0.999	NO	MM
10	10	200609P1-14	Standard	500.000	2.37	104377.688	1016.370	1283.707	509.8	2.0	NO	0.999	NO	MM

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998877
Calibration curve: -6.43193e-005 * x^2 + 2.68653 * x + 0.106384
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	2.81	62.205	1113.635	0.698	0.2	-11.9	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	2.80	150.329	1242.672	1.512	0.5	4.7	NO	0.999	NO	MM
3	3	200609P1-7	Standard	1.000	2.81	290.975	1274.878	2.853	1.0	2.2	NO	0.999	NO	MM
4	4	200609P1-8	Standard	2.000	2.80	556.906	1216.920	5.720	2.1	4.5	NO	0.999	NO	bb
5	5	200609P1-9	Standard	5.000	2.81	1451.675	1228.081	14.776	5.5	9.2	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	2.81	2902.316	1269.012	28.588	10.6	6.0	NO	0.999	NO	bb
7	7	200609P1-11	Standard	50.000	2.81	13491.649	1278.092	131.951	49.1	-1.7	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	2.80	26505.291	1162.541	284.993	106.3	6.3	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	2.81	57949.758	1134.148	638.693	239.1	-4.4	NO	0.999	NO	bb
10	10	200609P1-14	Standard	500.000	2.81	103629.555	967.695	1338.613	504.3	0.9	NO	0.999	NO	bb

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Compound name: PFHxA
Correlation coefficient: r = 0.998367, r^2 = 0.996737
Calibration curve: 1.00999 * x + -0.0199134
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	2.90	211.565	9608.724	0.275	0.3	16.9	NO	0.997	NO	MM
2	2	200609P1-6	Standard	0.500	2.88	289.505	10698.982	0.338	0.4	-29.1	NO	0.997	NO	MM
3	3	200609P1-7	Standard	1.000	2.89	1054.269	10347.732	1.274	1.3	28.1	NO	0.997	NO	bb
4	4	200609P1-8	Standard	2.000	2.89	1257.003	10953.375	1.434	1.4	-28.0	NO	0.997	NO	bb
5	5	200609P1-9	Standard	5.000	2.89	4911.146	11451.709	5.361	5.3	6.5	NO	0.997	NO	bb
6	6	200609P1-10	Standard	10.000	2.89	9699.844	11052.561	10.970	10.9	8.8	NO	0.997	NO	bb
7	7	200609P1-11	Standard	50.000	2.89	45191.785	11758.248	48.043	47.6	-4.8	NO	0.997	NO	bb
8	8	200609P1-12	Standard	100.000	2.88	92633.672	11287.810	102.582	101.6	1.6	NO	0.997	NO	bb
9	9	200609P1-13	Standard	250.000	2.89	223588.297	12533.612	222.989	220.8	-11.7	NO	0.997	NO	bbX
10	10	200609P1-14	Standard	500.000	2.89	430208.750	11159.381	481.891	477.1	-4.6	NO	0.997	NO	bbX

Compound name: PFPeS
Correlation coefficient: r = 0.998605, r^2 = 0.997211
Calibration curve: 1.91608 * x + 0.175515
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	3.11	56.742	991.724	0.715	0.3	12.7	NO	0.997	NO	bb
2	2	200609P1-6	Standard	0.500	3.10	96.722	1064.081	1.136	0.5	0.3	NO	0.997	NO	bb
3	3	200609P1-7	Standard	1.000	3.09	157.208	1125.865	1.745	0.8	-18.1	NO	0.997	NO	bb
4	4	200609P1-8	Standard	2.000	3.10	363.071	1070.194	4.241	2.1	6.1	NO	0.997	NO	bb
5	5	200609P1-9	Standard	5.000	3.10	888.659	1028.600	10.799	5.5	10.9	NO	0.997	NO	bb
6	6	200609P1-10	Standard	10.000	3.10	1908.398	1095.699	21.771	11.3	12.7	NO	0.997	NO	bb
7	7	200609P1-11	Standard	50.000	3.10	9415.375	1150.053	102.336	53.3	6.6	NO	0.997	NO	bb
8	8	200609P1-12	Standard	100.000	3.09	18537.543	1084.616	213.642	111.4	11.4	NO	0.997	NO	bb
9	9	200609P1-13	Standard	250.000	3.10	42491.668	1170.537	453.763	236.7	-5.3	NO	0.997	NO	bb
10	10	200609P1-14	Standard	500.000	3.10	77407.133	1016.370	952.005	496.8	-0.6	NO	0.997	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998510
Calibration curve: -2.83918e-005 * x^2 + 0.9165 * x + 0.0275604
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	3.11	35.012	1766.665	0.248	0.2	-3.9	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	3.11	73.629	1965.596	0.468	0.5	-3.8	NO	0.999	NO	bb
3	3	200609P1-7	Standard	1.000	3.11	163.418	2174.716	0.939	1.0	-0.5	NO	0.999	NO	bb
4	4	200609P1-8	Standard	2.000	3.11	314.333	2020.667	1.944	2.1	4.6	NO	0.999	NO	bb
5	5	200609P1-9	Standard	5.000	3.11	806.161	2060.546	4.890	5.3	6.1	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	3.11	1718.066	2091.895	10.266	11.2	11.8	NO	0.999	NO	MM
7	7	200609P1-11	Standard	50.000	3.11	7691.160	2254.096	42.651	46.6	-6.9	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	3.11	16600.654	2109.476	98.370	107.7	7.7	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	3.11	39665.059	2263.158	219.080	240.8	-3.7	NO	0.999	NO	bb
10	10	200609P1-14	Standard	500.000	3.11	74403.211	2047.546	454.222	503.4	0.7	NO	0.999	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998698
Calibration curve: 0.000238247 * x^2 + 0.220208 * x + 0.0126425
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	3.44	44.138	9244.650	0.060	0.2	-14.6	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	3.45	93.223	9933.135	0.117	0.5	-5.0	NO	0.999	NO	bb
3	3	200609P1-7	Standard	1.000	3.45	205.218	10419.825	0.246	1.1	5.9	NO	0.999	NO	bb
4	4	200609P1-8	Standard	2.000	3.45	364.801	9870.689	0.462	2.0	1.8	NO	0.999	NO	bb
5	5	200609P1-9	Standard	5.000	3.45	949.578	10038.267	1.182	5.3	5.6	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	3.45	1955.093	9959.189	2.454	11.0	9.6	NO	0.999	NO	bb
7	7	200609P1-11	Standard	50.000	3.45	9242.569	10410.968	11.097	47.9	-4.3	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	3.45	18842.572	9554.364	24.652	100.9	0.9	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	3.45	9788.449	10906.572	11.219	48.4	-80.7	YES	0.999	NO	bbX
10	10	200609P1-14	Standard	500.000	3.45	19353.521	8998.859	26.883	109.1	-78.2	YES	0.999	NO	bbX

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Compound name: PFHpA
Correlation coefficient: r = 0.997674, r^2 = 0.995353
Calibration curve: 1.25266 * x + 0.0348167
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	3.50	245.435	9244.650	0.332	0.2	-5.1	NO	0.995	NO	bb
2	2	200609P1-6	Standard	0.500	3.51	482.395	9933.135	0.607	0.5	-8.6	NO	0.995	NO	bb
3	3	200609P1-7	Standard	1.000	3.51	1037.794	10419.825	1.245	1.0	-3.4	NO	0.995	NO	bb
4	4	200609P1-8	Standard	2.000	3.51	2003.253	9870.689	2.537	2.0	-0.1	NO	0.995	NO	bb
5	5	200609P1-9	Standard	5.000	3.51	5092.265	10038.267	6.341	5.0	0.7	NO	0.995	NO	bb
6	6	200609P1-10	Standard	10.000	3.51	11571.255	9959.189	14.523	11.6	15.7	NO	0.995	NO	bb
7	7	200609P1-11	Standard	50.000	3.51	52498.910	10410.968	63.033	50.3	0.6	NO	0.995	NO	bb
8	8	200609P1-12	Standard	100.000	3.50	103005.172	9554.364	134.762	107.6	7.6	NO	0.995	NO	bb
9	9	200609P1-13	Standard	250.000	3.50	244274.766	10906.572	279.963	223.5	-10.6	NO	0.995	NO	bb
10	10	200609P1-14	Standard	500.000	3.50	466418.344	8998.859	647.885	517.2	3.4	NO	0.995	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.996889
Calibration curve: 0.000143655 * x^2 + 2.19802 * x + 0.221757
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	3.61	448.999	9244.650	0.607	0.2	-29.9	NO	0.997	NO	bb
2	2	200609P1-6	Standard	0.500	3.62	991.764	9933.135	1.248	0.5	-6.6	NO	0.997	NO	bb
3	3	200609P1-7	Standard	1.000	3.62	2088.704	10419.825	2.506	1.0	3.9	NO	0.997	NO	bb
4	4	200609P1-8	Standard	2.000	3.61	3824.690	9870.689	4.843	2.1	5.1	NO	0.997	NO	bb
5	5	200609P1-9	Standard	5.000	3.62	9584.497	10038.267	11.935	5.3	6.5	NO	0.997	NO	bb
6	6	200609P1-10	Standard	10.000	3.62	20207.271	9959.189	25.363	11.4	14.3	NO	0.997	NO	bb
7	7	200609P1-11	Standard	50.000	3.62	96911.289	10410.968	116.357	52.7	5.3	NO	0.997	NO	bb
8	8	200609P1-12	Standard	100.000	3.61	182656.250	9554.364	238.970	107.9	7.9	NO	0.997	NO	bb
9	9	200609P1-13	Standard	250.000	3.62	447061.188	10906.572	512.376	229.6	-8.2	NO	0.997	NO	bb
10	10	200609P1-14	Standard	500.000	3.61	830881.313	8998.859	1154.148	508.1	1.6	NO	0.997	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999039
Calibration curve: 1.18962e-006 * x^2 + 1.06079 * x + -0.0907315
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	3.65	36.560	1842.490	0.248	0.3	27.7	NO	0.999	NO	bb
2	2 200609P1-6	Standard	0.500	3.65	60.230	2281.664	0.330	0.4	-20.7	NO	0.999	NO	MM
3	3 200609P1-7	Standard	1.000	3.66	180.919	2339.877	0.966	1.0	-0.3	NO	0.999	NO	MM
4	4 200609P1-8	Standard	2.000	3.65	328.801	2262.620	1.816	1.8	-10.1	NO	0.999	NO	MM
5	5 200609P1-9	Standard	5.000	3.65	777.288	2195.165	4.426	4.3	-14.8	NO	0.999	NO	MM
6	6 200609P1-10	Standard	10.000	3.65	2030.787	2076.415	12.225	11.6	16.1	NO	0.999	NO	MM
7	7 200609P1-11	Standard	50.000	3.65	9577.790	2241.224	53.418	50.4	0.9	NO	0.999	NO	MM
8	8 200609P1-12	Standard	100.000	3.65	19313.402	2192.752	110.098	103.9	3.9	NO	0.999	NO	MM
9	9 200609P1-13	Standard	250.000	3.65	45725.684	2228.330	256.502	241.8	-3.3	NO	0.999	NO	MM
10	10 200609P1-14	Standard	500.000	3.65	82386.078	1928.333	534.050	503.2	0.6	NO	0.999	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.996073
Calibration curve: 2.3949e-005 * x^2 + 1.08784 * x + 0.0938103
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	3.95	35.713	1328.329	0.336	0.2	-10.9	NO	0.996	NO	bb
2	2 200609P1-6	Standard	0.500	3.95	70.610	1415.125	0.624	0.5	-2.6	NO	0.996	NO	bb
3	3 200609P1-7	Standard	1.000	3.96	166.872	1477.561	1.412	1.2	21.1	NO	0.996	NO	bb
4	4 200609P1-8	Standard	2.000	3.95	249.482	1405.041	2.220	2.0	-2.3	NO	0.996	NO	bb
5	5 200609P1-9	Standard	5.000	3.96	691.153	1453.357	5.944	5.4	7.6	NO	0.996	NO	bb
6	6 200609P1-10	Standard	10.000	3.96	1392.771	1383.443	12.584	11.5	14.8	NO	0.996	NO	bb
7	7 200609P1-11	Standard	50.000	3.96	6589.605	1440.382	57.186	52.4	4.8	NO	0.996	NO	bb
8	8 200609P1-12	Standard	100.000	3.95	12402.520	1299.873	119.267	109.3	9.3	NO	0.996	NO	bb
9	9 200609P1-13	Standard	250.000	3.95	27849.422	1401.904	248.318	227.0	-9.2	NO	0.996	NO	bb
10	10 200609P1-14	Standard	500.000	3.95	49635.301	1107.364	560.287	509.2	1.8	NO	0.996	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997942
Calibration curve: -8.83181e-006 * x^2 + 0.94291 * x + 0.119621
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.01	314.874	11840.556	0.332	0.2	-9.7	NO	0.998	NO	bb
2	2	200609P1-6	Standard	0.500	4.01	696.903	12938.825	0.673	0.6	17.4	NO	0.998	NO	MM
3	3	200609P1-7	Standard	1.000	4.01	1291.872	13553.912	1.191	1.1	13.7	NO	0.998	NO	MM
4	4	200609P1-8	Standard	2.000	4.01	1996.940	12846.850	1.943	1.9	-3.3	NO	0.998	NO	bb
5	5	200609P1-9	Standard	5.000	4.01	5332.995	12240.937	5.446	5.6	13.0	NO	0.998	NO	bb
6	6	200609P1-10	Standard	10.000	4.01	11229.236	12557.558	11.178	11.7	17.3	NO	0.998	NO	bb
7	7	200609P1-11	Standard	50.000	4.01	51789.867	13481.895	48.018	50.8	1.6	NO	0.998	NO	bb
8	8	200609P1-12	Standard	100.000	4.00	99860.188	12524.105	99.668	105.7	5.7	NO	0.998	NO	bb
9	9	200609P1-13	Standard	250.000	4.01	229161.922	12979.884	220.689	234.4	-6.2	NO	0.998	NO	bb
10	10	200609P1-14	Standard	500.000	4.00	418897.469	11012.396	475.484	506.5	1.3	NO	0.998	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999406
Calibration curve: -7.82566e-005 * x^2 + 0.200689 * x + -0.00385679
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.02	32.982	11840.556	0.035	0.2	-22.9	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	4.03	107.490	12938.825	0.104	0.5	7.4	NO	0.999	NO	bb
3	3	200609P1-7	Standard	1.000	4.02	217.988	13553.912	0.201	1.0	2.1	NO	0.999	NO	bb
4	4	200609P1-8	Standard	2.000	4.02	416.412	12846.850	0.405	2.0	2.0	NO	0.999	NO	bb
5	5	200609P1-9	Standard	5.000	4.02	983.018	12240.937	1.004	5.0	0.6	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	4.02	2124.172	12557.558	2.114	10.6	6.0	NO	0.999	NO	bb
7	7	200609P1-11	Standard	50.000	4.03	10093.063	13481.895	9.358	47.5	-4.9	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	4.02	19742.242	12524.105	19.704	102.3	2.3	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	4.02	46934.434	12979.884	45.199	249.5	-0.2	NO	0.999	NO	bb
10	10	200609P1-14	Standard	500.000	4.02	83627.523	11012.396	94.924	625.6	25.1	NO	0.999	NO	bbX

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.997629
Calibration curve: 3.58555e-005 * x^2 + 0.905089 * x + 0.104933
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.13	49.554	2000.802	0.310	0.2	-9.6	NO	0.998	NO	bb
2	2	200609P1-6	Standard	0.500	4.13	91.779	2328.261	0.493	0.4	-14.3	NO	0.998	NO	bb
3	3	200609P1-7	Standard	1.000	4.13	179.945	2252.511	0.999	1.0	-1.3	NO	0.998	NO	bb
4	4	200609P1-8	Standard	2.000	4.12	331.467	2164.725	1.914	2.0	-0.1	NO	0.998	NO	bb
5	5	200609P1-9	Standard	5.000	4.13	915.209	2187.813	5.229	5.7	13.2	NO	0.998	NO	bb
6	6	200609P1-10	Standard	10.000	4.13	1890.893	2305.803	10.251	11.2	12.0	NO	0.998	NO	bb
7	7	200609P1-11	Standard	50.000	4.13	8286.394	2401.930	43.124	47.4	-5.1	NO	0.998	NO	bb
8	8	200609P1-12	Standard	100.000	4.12	16851.705	2111.049	99.783	109.7	9.7	NO	0.998	NO	bb
9	9	200609P1-13	Standard	250.000	4.12	39323.586	2280.074	215.583	235.9	-5.7	NO	0.998	NO	bb
10	10	200609P1-14	Standard	500.000	4.12	71803.711	1923.696	466.574	505.3	1.1	NO	0.998	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998547
Calibration curve: -7.27458e-005 * x^2 + 0.256164 * x + -0.0156624
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.44	37.283	10029.754	0.046	0.2	-3.0	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	4.43	98.204	11301.373	0.109	0.5	-3.0	NO	0.999	NO	bb
3	3	200609P1-7	Standard	1.000	4.44	217.071	11824.250	0.229	1.0	-4.3	NO	0.999	NO	bb
4	4	200609P1-8	Standard	2.000	4.43	476.250	11652.830	0.511	2.1	2.8	NO	0.999	NO	bb
5	5	200609P1-9	Standard	5.000	4.44	1120.478	11219.423	1.248	4.9	-1.2	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	4.44	2646.898	11667.220	2.836	11.2	11.7	NO	0.999	NO	bb
7	7	200609P1-11	Standard	50.000	4.44	11682.742	12060.086	12.109	48.0	-4.0	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	4.43	22717.039	11315.499	25.095	100.9	0.9	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	4.43	11754.220	11984.686	12.260	48.6	-80.6	YES	0.999	NO	bbX
10	10	200609P1-14	Standard	500.000	4.43	22518.746	10011.791	28.115	113.5	-77.3	YES	0.999	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.998261
Calibration curve: 0.000128346 * x^2 + 1.12725 * x + 0.141076
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	4.45	314.407	10029.754	0.392	0.2	-11.0	NO	0.998	NO	bb
2	2 200609P1-6	Standard	0.500	4.45	568.405	11301.373	0.629	0.4	-13.5	NO	0.998	NO	db
3	3 200609P1-7	Standard	1.000	4.45	1262.922	11824.250	1.335	1.1	5.9	NO	0.998	NO	bb
4	4 200609P1-8	Standard	2.000	4.45	2233.673	11652.830	2.396	2.0	-0.0	NO	0.998	NO	bb
5	5 200609P1-9	Standard	5.000	4.45	5417.474	11219.423	6.036	5.2	4.5	NO	0.998	NO	bb
6	6 200609P1-10	Standard	10.000	4.45	11743.994	11667.220	12.582	11.0	10.2	NO	0.998	NO	bb
7	7 200609P1-11	Standard	50.000	4.45	55581.957	12060.086	57.609	50.7	1.4	NO	0.998	NO	bb
8	8 200609P1-12	Standard	100.000	4.45	110847.805	11315.499	122.451	107.2	7.2	NO	0.998	NO	bb
9	9 200609P1-13	Standard	250.000	4.45	261352.219	11984.686	272.590	235.4	-5.8	NO	0.998	NO	bb
10	10 200609P1-14	Standard	500.000	4.44	482793.406	10011.791	602.781	505.5	1.1	NO	0.998	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998429
Calibration curve: 5.94335e-006 * x^2 + 0.666401 * x + -0.000967618
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	4.50	46.371	3025.830	0.192	0.3	15.6	NO	0.998	NO	bb
2	2 200609P1-6	Standard	0.500	4.50	79.343	3470.613	0.286	0.4	-13.9	NO	0.998	NO	bb
3	3 200609P1-7	Standard	1.000	4.50	180.161	3547.987	0.635	1.0	-4.6	NO	0.998	NO	bb
4	4 200609P1-8	Standard	2.000	4.50	363.308	3444.993	1.318	2.0	-1.0	NO	0.998	NO	bb
5	5 200609P1-9	Standard	5.000	4.50	813.344	3551.477	2.863	4.3	-14.1	NO	0.998	NO	bb
6	6 200609P1-10	Standard	10.000	4.50	2049.854	3326.211	7.703	11.6	15.6	NO	0.998	NO	bb
7	7 200609P1-11	Standard	50.000	4.50	9312.433	3509.175	33.172	49.8	-0.5	NO	0.998	NO	bb
8	8 200609P1-12	Standard	100.000	4.49	18352.699	3220.585	71.232	106.8	6.8	NO	0.998	NO	bb
9	9 200609P1-13	Standard	250.000	4.50	45304.875	3561.070	159.028	238.1	-4.7	NO	0.998	NO	bb
10	10 200609P1-14	Standard	500.000	4.49	87686.922	3245.258	337.750	504.6	0.9	NO	0.998	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999095
Calibration curve: 0.000140969 * x^2 + 1.13471 * x + 0.0973537
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.54	61.043	2000.802	0.381	0.3	0.1	NO	0.999	NO	MM
2	2	200609P1-6	Standard	0.500	4.54	106.236	2328.261	0.570	0.4	-16.6	NO	0.999	NO	MM
3	3	200609P1-7	Standard	1.000	4.54	207.657	2252.511	1.152	0.9	-7.0	NO	0.999	NO	MM
4	4	200609P1-8	Standard	2.000	4.54	411.077	2164.725	2.374	2.0	0.3	NO	0.999	NO	MM
5	5	200609P1-9	Standard	5.000	4.54	1148.943	2187.813	6.564	5.7	13.9	NO	0.999	NO	MM
6	6	200609P1-10	Standard	10.000	4.54	2272.875	2305.803	12.321	10.8	7.6	NO	0.999	NO	MM
7	7	200609P1-11	Standard	50.000	4.54	11016.865	2401.930	57.333	50.1	0.3	NO	0.999	NO	MM
8	8	200609P1-12	Standard	100.000	4.53	20350.016	2111.049	120.497	104.7	4.7	NO	0.999	NO	MM
9	9	200609P1-13	Standard	250.000	4.54	51177.156	2280.074	280.567	240.0	-4.0	NO	0.999	NO	MM
10	10	200609P1-14	Standard	500.000	4.53	93500.883	1923.696	607.560	503.8	0.8	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997807
Calibration curve: -0.000157895 * x^2 + 2.71935 * x + 0.100561
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.76	109.931	2000.802	0.687	0.2	-13.8	NO	0.998	NO	bb
2	2	200609P1-6	Standard	0.500	4.76	300.855	2328.261	1.615	0.6	11.4	NO	0.998	NO	bb
3	3	200609P1-7	Standard	1.000	4.76	488.637	2252.511	2.712	1.0	-4.0	NO	0.998	NO	bb
4	4	200609P1-8	Standard	2.000	4.76	988.049	2164.725	5.705	2.1	3.1	NO	0.998	NO	bb
5	5	200609P1-9	Standard	5.000	4.76	2297.755	2187.813	13.128	4.8	-4.2	NO	0.998	NO	bb
6	6	200609P1-10	Standard	10.000	4.76	5327.352	2305.803	28.880	10.6	5.9	NO	0.998	NO	bb
7	7	200609P1-11	Standard	50.000	4.76	24960.654	2401.930	129.899	47.9	-4.3	NO	0.998	NO	bb
8	8	200609P1-12	Standard	100.000	4.75	50317.000	2111.049	297.938	110.2	10.2	NO	0.998	NO	bb
9	9	200609P1-13	Standard	250.000	4.76	115688.141	2280.074	634.235	236.4	-5.4	NO	0.998	NO	bb
10	10	200609P1-14	Standard	500.000	4.75	205185.297	1923.696	1333.275	505.1	1.0	NO	0.998	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999638
Calibration curve: -0.000415682 * x^2 + 0.907951 * x + 0.016078
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	4.83	177.857	12433.959	0.179	0.2	-28.3	NO	1.000	NO	MM
2	2 200609P1-6	Standard	0.500	4.83	582.073	14049.109	0.518	0.6	10.6	NO	1.000	NO	bb
3	3 200609P1-7	Standard	1.000	4.83	1150.803	14365.854	1.001	1.1	8.6	NO	1.000	NO	bb
4	4 200609P1-8	Standard	2.000	4.83	2195.740	13401.459	2.048	2.2	12.0	NO	1.000	NO	bb
5	5 200609P1-9	Standard	5.000	4.83	5120.541	13438.812	4.763	5.2	4.8	NO	1.000	NO	bb
6	6 200609P1-10	Standard	10.000	4.83	10309.431	14004.419	9.202	10.2	1.6	NO	1.000	NO	bb
7	7 200609P1-11	Standard	50.000	4.83	50156.590	14562.523	43.053	48.5	-3.0	NO	1.000	NO	bb
8	8 200609P1-12	Standard	100.000	4.83	96788.047	13848.538	87.363	100.9	0.9	NO	1.000	NO	bb
9	9 200609P1-13	Standard	250.000	4.83	234103.656	14559.243	200.992	250.0	-0.0	NO	1.000	NO	bb
10	10 200609P1-14	Standard	500.000	4.82	441661.594	12212.170	452.071	767.7	53.5	YES	1.000	NO	bbX

Compound name: 8:2 FTS
Correlation coefficient: r = 0.980810, r^2 = 0.961989
Calibration curve: 0.950162 * x + -0.129042
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	4.80	11.588	1158.967	0.125	0.3	6.9	NO	0.962	YES	bb
2	2 200609P1-6	Standard	0.500	4.80	39.872	1301.319	0.383	0.5	7.8	NO	0.962	YES	bb
3	3 200609P1-7	Standard	1.000	4.80	105.855	1260.872	1.049	1.2	24.0	NO	0.962	YES	bb
4	4 200609P1-8	Standard	2.000	4.80	133.666	1520.243	1.099	1.3	-35.4	YES	0.962	YES	MM
5	5 200609P1-9	Standard	5.000	4.80	412.512	1318.446	3.911	4.3	-15.0	NO	0.962	YES	bb
6	6 200609P1-10	Standard	10.000	4.80	1022.409	1220.190	10.474	11.2	11.6	NO	0.962	YES	bb
7	7 200609P1-11	Standard	50.000	4.80	4405.993	1357.915	40.568	42.8	-14.4	NO	0.962	YES	bbX
8	8 200609P1-12	Standard	100.000	4.79	7947.063	1214.677	81.782	86.2	-13.8	NO	0.962	YES	bbX
9	9 200609P1-13	Standard	250.000	4.80	18730.256	1304.531	179.473	189.0	-24.4	NO	0.962	YES	bbX
10	10 200609P1-14	Standard	500.000	4.79	32320.977	1239.188	326.030	343.3	-31.3	YES	0.962	YES	bbX

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Compound name: PFNS
Correlation coefficient: r = 0.998925, r^2 = 0.997851
Calibration curve: 1.15108 * x + 0.114706
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.89	52.390	2000.802	0.327	0.2	-26.1	NO	0.998	NO	bb
2	2	200609P1-6	Standard	0.500	4.89	145.842	2328.261	0.783	0.6	16.1	NO	0.998	NO	bb
3	3	200609P1-7	Standard	1.000	4.90	245.976	2252.511	1.365	1.1	8.6	NO	0.998	NO	bb
4	4	200609P1-8	Standard	2.000	4.89	426.164	2164.725	2.461	2.0	1.9	NO	0.998	NO	bb
5	5	200609P1-9	Standard	5.000	4.89	1224.819	2187.813	6.998	6.0	19.6	NO	0.998	NO	bb
6	6	200609P1-10	Standard	10.000	4.89	2434.938	2305.803	13.200	11.4	13.7	NO	0.998	NO	bb
7	7	200609P1-11	Standard	50.000	4.90	11255.839	2401.930	58.577	50.8	1.6	NO	0.998	NO	bb
8	8	200609P1-12	Standard	100.000	4.89	21300.107	2111.049	126.123	109.5	9.5	NO	0.998	NO	bb
9	9	200609P1-13	Standard	250.000	4.89	49953.059	2280.074	273.857	237.8	-4.9	NO	0.998	NO	bb
10	10	200609P1-14	Standard	500.000	4.89	88491.977	1923.696	575.013	499.4	-0.1	NO	0.998	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.998934
Calibration curve: -0.00029318 * x^2 + 1.14654 * x + 0.0486409
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	4.99	63.676	2954.522	0.269	0.2	-23.0	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	4.99	167.310	3343.079	0.626	0.5	0.7	NO	0.999	NO	MM
3	3	200609P1-7	Standard	1.000	4.98	367.255	3607.449	1.273	1.1	6.8	NO	0.999	NO	MM
4	4	200609P1-8	Standard	2.000	4.98	653.177	3469.219	2.353	2.0	0.6	NO	0.999	NO	MM
5	5	200609P1-9	Standard	5.000	4.98	1816.534	3477.198	6.530	5.7	13.2	NO	0.999	NO	MM
6	6	200609P1-10	Standard	10.000	4.98	3532.664	3244.744	13.609	11.9	18.6	NO	0.999	NO	MM
7	7	200609P1-11	Standard	50.000	4.98	15717.404	3416.178	57.511	50.8	1.6	NO	0.999	NO	MM
8	8	200609P1-12	Standard	100.000	4.97	31696.203	3496.500	113.314	101.4	1.4	NO	0.999	NO	MM
9	9	200609P1-13	Standard	250.000	4.98	76970.883	3720.448	258.608	240.3	-3.9	NO	0.999	NO	MM
10	10	200609P1-14	Standard	500.000	4.97	134723.766	3338.377	504.451	505.2	1.0	NO	0.999	NO	MM

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999522
Calibration curve: -0.000218662 * x^2 + 2.10476 * x + 0.0353295
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	5.14	86.581	2009.129	0.539	0.2	-4.3	NO	1.000	NO	bb
2	2 200609P1-6	Standard	0.500	5.14	201.796	2248.153	1.122	0.5	3.3	NO	1.000	NO	MM
3	3 200609P1-7	Standard	1.000	5.14	348.369	2245.029	1.940	0.9	-9.5	NO	1.000	NO	MM
4	4 200609P1-8	Standard	2.000	5.14	733.045	2226.605	4.115	1.9	-3.1	NO	1.000	NO	MM
5	5 200609P1-9	Standard	5.000	5.14	1971.163	2223.037	11.084	5.3	5.0	NO	1.000	NO	MM
6	6 200609P1-10	Standard	10.000	5.14	4006.989	2239.480	22.366	10.6	6.2	NO	1.000	NO	MM
7	7 200609P1-11	Standard	50.000	5.14	19567.262	2284.637	107.059	51.1	2.2	NO	1.000	NO	MM
8	8 200609P1-12	Standard	100.000	5.13	37120.594	2170.585	213.771	102.6	2.6	NO	1.000	NO	MM
9	9 200609P1-13	Standard	250.000	5.14	84249.438	2120.331	496.676	242.0	-3.2	NO	1.000	NO	MM
10	10 200609P1-14	Standard	500.000	5.13	145296.578	1808.357	1004.341	503.5	0.7	NO	1.000	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.997619
Calibration curve: 7.13999e-005 * x^2 + 0.925882 * x + 0.070513
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	5.16	259.976	13683.336	0.237	0.2	-27.9	NO	0.998	NO	bb
2	2 200609P1-6	Standard	0.500	5.16	651.245	14742.484	0.552	0.5	4.0	NO	0.998	NO	bb
3	3 200609P1-7	Standard	1.000	5.16	1406.782	15708.131	1.119	1.1	13.3	NO	0.998	NO	bb
4	4 200609P1-8	Standard	2.000	5.15	2433.656	14619.075	2.081	2.2	8.5	NO	0.998	NO	bb
5	5 200609P1-9	Standard	5.000	5.16	5782.080	13550.273	5.334	5.7	13.6	NO	0.998	NO	bb
6	6 200609P1-10	Standard	10.000	5.16	13154.925	15000.463	10.962	11.8	17.5	NO	0.998	NO	bb
7	7 200609P1-11	Standard	50.000	5.16	57437.324	15622.501	45.957	49.4	-1.3	NO	0.998	NO	bb
8	8 200609P1-12	Standard	100.000	5.15	115805.836	14389.920	100.596	107.7	7.7	NO	0.998	NO	bb
9	9 200609P1-13	Standard	250.000	5.15	267941.063	15183.002	220.593	234.0	-6.4	NO	0.998	NO	bb
10	10 200609P1-14	Standard	500.000	5.15	476918.250	12237.688	487.141	506.3	1.3	NO	0.998	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.998075
Calibration curve: -0.000215159 * x^2 + 1.03525 * x + 0.01228
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	5.21	40.741	2000.802	0.255	0.2	-6.4	NO	0.998	NO	bb
2	2	200609P1-6	Standard	0.500	5.21	87.416	2328.261	0.469	0.4	-11.7	NO	0.998	NO	bb
3	3	200609P1-7	Standard	1.000	5.21	195.962	2252.511	1.087	1.0	3.9	NO	0.998	NO	bb
4	4	200609P1-8	Standard	2.000	5.20	368.576	2164.725	2.128	2.0	2.2	NO	0.998	NO	bb
5	5	200609P1-9	Standard	5.000	5.20	1056.520	2187.813	6.036	5.8	16.5	NO	0.998	NO	bb
6	6	200609P1-10	Standard	10.000	5.21	1909.538	2305.803	10.352	10.0	0.1	NO	0.998	NO	bb
7	7	200609P1-11	Standard	50.000	5.21	9369.345	2401.930	48.759	47.6	-4.9	NO	0.998	NO	bb
8	8	200609P1-12	Standard	100.000	5.20	18614.447	2111.049	110.220	108.9	8.9	NO	0.998	NO	bb
9	9	200609P1-13	Standard	250.000	5.20	42678.766	2280.074	233.977	237.7	-4.9	NO	0.998	NO	bb
10	10	200609P1-14	Standard	500.000	5.20	72026.266	1923.696	468.020	505.1	1.0	NO	0.998	NO	bb

Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999453, r^2 = 0.998907
Calibration curve: 0.248686 * x + 0.0250774
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	5.37	95.628	14963.042	0.080	0.2	-11.8	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	5.37	187.398	16759.270	0.140	0.5	-7.8	NO	0.999	NO	bb
3	3	200609P1-7	Standard	1.000	5.37	381.051	17829.855	0.267	1.0	-2.7	NO	0.999	NO	bb
4	4	200609P1-8	Standard	2.000	5.37	706.963	16602.881	0.532	2.0	2.0	NO	0.999	NO	bb
5	5	200609P1-9	Standard	5.000	5.37	1731.298	15909.234	1.360	5.4	7.4	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	5.37	3679.700	16339.242	2.815	11.2	12.2	NO	0.999	NO	bb
7	7	200609P1-11	Standard	50.000	5.37	17058.371	18086.178	11.790	47.3	-5.4	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	5.36	34287.555	15977.506	26.825	107.8	7.8	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	5.37	84573.742	17113.488	61.774	248.3	-0.7	NO	0.999	NO	bb
10	10	200609P1-14	Standard	500.000	5.36	141231.234	14335.547	123.148	495.1	-1.0	NO	0.999	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.996728
Calibration curve: -0.0016454 * x^2 + 2.17091 * x + 0.114961
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	5.42	52.677	861.944	0.764	0.3	19.6	NO	0.997	NO	MM
2	2 200609P1-6	Standard	0.500	5.42	81.431	971.876	1.047	0.4	-14.1	NO	0.997	NO	bb
3	3 200609P1-7	Standard	1.000	5.42	230.316	987.201	2.916	1.3	29.2	NO	0.997	NO	bb
4	4 200609P1-8	Standard	2.000	5.42	282.181	923.653	3.819	1.7	-14.6	NO	0.997	NO	bb
5	5 200609P1-9	Standard	5.000	5.42	732.688	915.200	10.007	4.6	-8.5	NO	0.997	NO	bb
6	6 200609P1-10	Standard	10.000	5.42	1711.825	862.243	24.816	11.5	14.8	NO	0.997	NO	bb
7	7 200609P1-11	Standard	50.000	5.42	7042.750	929.168	94.745	45.1	-9.7	NO	0.997	NO	bb
8	8 200609P1-12	Standard	100.000	5.41	13173.918	782.874	210.345	105.2	5.2	NO	0.997	NO	bb
9	9 200609P1-13	Standard	250.000	5.42	28314.164	808.012	438.022	248.5	-0.6	NO	0.997	NO	bb
10	10 200609P1-14	Standard	500.000	5.41	48362.855	602.856	1002.786			NO	0.997	NO	bbX!

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998301
Calibration curve: 1.54273e-005 * x^2 + 0.834739 * x + 0.0663404
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	5.44	295.370	14963.042	0.247	0.2	-13.5	NO	0.998	NO	MM
2	2 200609P1-6	Standard	0.500	5.44	646.363	16759.270	0.482	0.5	-0.4	NO	0.998	NO	bd
3	3 200609P1-7	Standard	1.000	5.44	1462.200	17829.855	1.025	1.1	14.9	NO	0.998	NO	bd
4	4 200609P1-8	Standard	2.000	5.43	2449.121	16602.881	1.844	2.1	6.5	NO	0.998	NO	MM
5	5 200609P1-9	Standard	5.000	5.44	6243.071	15909.234	4.905	5.8	15.9	NO	0.998	NO	bd
6	6 200609P1-10	Standard	10.000	5.44	11995.258	16339.242	9.177	10.9	9.1	NO	0.998	NO	MM
7	7 200609P1-11	Standard	50.000	5.43	57912.211	18086.178	40.025	47.8	-4.3	NO	0.998	NO	bb
8	8 200609P1-12	Standard	100.000	5.43	115080.320	15977.506	90.033	107.6	7.6	NO	0.998	NO	bb
9	9 200609P1-13	Standard	250.000	5.43	273312.188	17113.488	199.632	238.0	-4.8	NO	0.998	NO	bb
10	10 200609P1-14	Standard	500.000	5.43	487667.719	14335.547	425.226	504.6	0.9	NO	0.998	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.998049
Calibration curve: -7.73482e-005 * x^2 + 1.15598 * x + 0.34892
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	1.250	5.47	128.403	10717.446	1.788	1.2	-0.4	NO	0.998	NO	bb
2	2	200609P1-6	Standard	2.500	5.47	238.978	11750.518	3.034	2.3	-7.1	NO	0.998	NO	bb
3	3	200609P1-7	Standard	5.000	5.48	539.898	12107.789	6.653	5.5	9.1	NO	0.998	NO	bb
4	4	200609P1-8	Standard	10.000	5.47	984.956	11890.866	12.359	10.4	4.0	NO	0.998	NO	bb
5	5	200609P1-9	Standard	25.000	5.47	2396.826	11621.259	30.772	26.4	5.5	NO	0.998	NO	MM
6	6	200609P1-10	Standard	50.000	5.48	4830.912	11521.313	62.560	54.0	8.0	NO	0.998	NO	bb
7	7	200609P1-11	Standard	250.000	5.47	22849.893	11409.453	298.805	262.8	5.1	NO	0.998	NO	bb
8	8	200609P1-12	Standard	500.000	5.46	45196.230	11487.519	587.009	526.0	5.2	NO	0.998	NO	bb
9	9	200609P1-13	Standard	1250.000	5.47	106367.672	12795.804	1240.255	1163.1	-7.0	NO	0.998	NO	bb
10	10	200609P1-14	Standard	2500.000	5.47	192318.875	11750.914	2441.851	2545.7	1.8	NO	0.998	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998935
Calibration curve: -0.000148107 * x^2 + 0.890689 * x + 0.131461
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	0.250	5.68	391.703	14963.042	0.327	0.2	-12.1	NO	0.999	NO	bb
2	2	200609P1-6	Standard	0.500	5.68	703.382	16759.270	0.525	0.4	-11.7	NO	0.999	NO	bb
3	3	200609P1-7	Standard	1.000	5.68	1492.889	17829.855	1.047	1.0	2.8	NO	0.999	NO	bb
4	4	200609P1-8	Standard	2.000	5.68	2699.401	16602.881	2.032	2.1	6.7	NO	0.999	NO	bb
5	5	200609P1-9	Standard	5.000	5.68	6057.108	15909.234	4.759	5.2	4.0	NO	0.999	NO	bb
6	6	200609P1-10	Standard	10.000	5.68	13151.309	16339.242	10.061	11.2	11.7	NO	0.999	NO	bb
7	7	200609P1-11	Standard	50.000	5.68	61193.539	18086.178	42.293	47.7	-4.6	NO	0.999	NO	bb
8	8	200609P1-12	Standard	100.000	5.67	118598.125	15977.506	92.785	105.9	5.9	NO	0.999	NO	bb
9	9	200609P1-13	Standard	250.000	5.68	282755.813	17113.488	206.530	241.4	-3.4	NO	0.999	NO	bb
10	10	200609P1-14	Standard	500.000	5.68	471492.531	14335.547	411.122	503.6	0.7	NO	0.999	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.998955
Calibration curve: 8.37658e-006 * x^2 + 0.182899 * x + 0.0266521
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	5.71	37.941	13707.540	0.035	0.0	-82.6	YES	0.999	NO	bbX
2	2 200609P1-6	Standard	0.500	5.71	120.052	14420.983	0.104	0.4	-15.4	NO	0.999	NO	bb
3	3 200609P1-7	Standard	1.000	5.71	228.703	15147.563	0.189	0.9	-11.4	NO	0.999	NO	bb
4	4 200609P1-8	Standard	2.000	5.71	463.398	15044.429	0.385	2.0	-2.0	NO	0.999	NO	bb
5	5 200609P1-9	Standard	5.000	5.71	1256.948	14179.529	1.108	5.9	18.2	NO	0.999	NO	bb
6	6 200609P1-10	Standard	10.000	5.71	2359.830	14497.050	2.035	11.0	9.7	NO	0.999	NO	bb
7	7 200609P1-11	Standard	50.000	5.70	11185.088	15314.352	9.130	49.7	-0.7	NO	0.999	NO	bb
8	8 200609P1-12	Standard	100.000	5.70	21375.973	13865.759	19.270	104.7	4.7	NO	0.999	NO	bb
9	9 200609P1-13	Standard	250.000	5.71	50977.211	14351.444	44.401	240.0	-4.0	NO	0.999	NO	bb
10	10 200609P1-14	Standard	500.000	5.70	91757.930	12158.627	94.334	504.0	0.8	NO	0.999	NO	bb

Compound name: PFTeDA
Correlation coefficient: r = 0.999237, r^2 = 0.998475
Calibration curve: 0.644141 * x + 0.0796066
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	5.90	226.536	13707.540	0.207	0.2	-21.2	NO	0.998	NO	MM
2	2 200609P1-6	Standard	0.500	5.90	442.192	14420.983	0.383	0.5	-5.7	NO	0.998	NO	MM
3	3 200609P1-7	Standard	1.000	5.90	940.486	15147.563	0.776	1.1	8.1	NO	0.998	NO	bb
4	4 200609P1-8	Standard	2.000	5.90	1632.159	15044.429	1.356	2.0	-0.9	NO	0.998	NO	bb
5	5 200609P1-9	Standard	5.000	5.90	4009.354	14179.529	3.534	5.4	7.3	NO	0.998	NO	bb
6	6 200609P1-10	Standard	10.000	5.90	8375.375	14497.050	7.222	11.1	10.9	NO	0.998	NO	bb
7	7 200609P1-11	Standard	50.000	5.90	38254.078	15314.352	31.224	48.4	-3.3	NO	0.998	NO	bb
8	8 200609P1-12	Standard	100.000	5.89	77637.469	13865.759	69.990	108.5	8.5	NO	0.998	NO	bb
9	9 200609P1-13	Standard	250.000	5.90	177323.641	14351.444	154.448	239.6	-4.1	NO	0.998	NO	bb
10	10 200609P1-14	Standard	500.000	5.90	314626.719	12158.627	323.460	502.0	0.4	NO	0.998	NO	db

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999825
Calibration curve: -6.63843e-005 * x^2 + 1.14014 * x + 0.280513
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	1.250	5.93	149.343	15805.954	1.410	1.0	-20.8	NO	1.000	NO	bb
2	2 200609P1-6	Standard	2.500	5.93	411.595	17008.582	3.611	2.9	16.8	NO	1.000	NO	bb
3	3 200609P1-7	Standard	5.000	5.93	775.386	17590.697	6.577	5.5	10.5	NO	1.000	NO	bb
4	4 200609P1-8	Standard	10.000	5.93	1483.866	17667.658	12.531	10.8	7.5	NO	1.000	NO	bb
5	5 200609P1-9	Standard	25.000	5.93	3336.947	17091.975	29.129	25.3	1.4	NO	1.000	NO	bb
6	6 200609P1-10	Standard	50.000	5.93	7027.567	17599.848	59.575	52.2	4.3	NO	1.000	NO	bb
7	7 200609P1-11	Standard	250.000	5.93	32796.004	17415.391	280.968	249.8	-0.1	NO	1.000	NO	bb
8	8 200609P1-12	Standard	500.000	5.92	63828.875	17022.053	559.466	505.3	1.1	NO	1.000	NO	bb
9	9 200609P1-13	Standard	1250.000	5.93	145692.922	16668.207	1304.123	1231.9	-1.4	NO	1.000	NO	bb
10	10 200609P1-14	Standard	2500.000	5.92	255652.250	15610.965	2443.367	2509.4	0.4	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998456
Calibration curve: -0.000121503 * x^2 + 0.827712 * x + 0.179085
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	6.25	566.249	19658.611	0.360	0.2	-12.5	NO	0.998	NO	bb
2	2 200609P1-6	Standard	0.500	6.25	993.616	20963.482	0.592	0.5	-0.1	NO	0.998	NO	MM
3	3 200609P1-7	Standard	1.000	6.25	1759.795	23509.137	0.936	0.9	-8.6	NO	0.998	NO	MM
4	4 200609P1-8	Standard	2.000	6.25	3249.339	22519.826	1.804	2.0	-1.8	NO	0.998	NO	bb
5	5 200609P1-9	Standard	5.000	6.25	7955.123	21261.213	4.677	5.4	8.8	NO	0.998	NO	bb
6	6 200609P1-10	Standard	10.000	6.25	16349.917	21496.691	9.507	11.3	12.9	NO	0.998	NO	bb
7	7 200609P1-11	Standard	50.000	6.25	72904.773	22272.004	40.917	49.6	-0.8	NO	0.998	NO	bb
8	8 200609P1-12	Standard	100.000	6.24	147311.484	21192.895	86.887	106.4	6.4	NO	0.998	NO	bb
9	9 200609P1-13	Standard	250.000	6.25	337392.844	22274.023	189.342	236.8	-5.3	NO	0.998	NO	bb
10	10 200609P1-14	Standard	500.000	6.25	590240.438	19029.008	387.724	505.8	1.2	NO	0.998	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999114
Calibration curve: -2.6431e-005 * x^2 + 0.697326 * x + 0.0322746
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	0.250	6.50	299.244	19658.611	0.190	0.2	-9.4	NO	0.999	NO	MM
2	2 200609P1-6	Standard	0.500	6.50	677.668	20963.482	0.404	0.5	6.6	NO	0.999	NO	bb
3	3 200609P1-7	Standard	1.000	6.50	1353.107	23509.137	0.719	1.0	-1.5	NO	0.999	NO	MM
4	4 200609P1-8	Standard	2.000	6.50	2607.746	22519.826	1.447	2.0	1.5	NO	0.999	NO	bb
5	5 200609P1-9	Standard	5.000	6.50	6389.326	21261.213	3.756	5.3	6.8	NO	0.999	NO	bb
6	6 200609P1-10	Standard	10.000	6.50	13584.265	21496.691	7.899	11.3	12.9	NO	0.999	NO	bb
7	7 200609P1-11	Standard	50.000	6.50	62696.656	22272.004	35.188	50.5	1.0	NO	0.999	NO	bb
8	8 200609P1-12	Standard	100.000	6.50	122201.453	21192.895	72.077	103.7	3.7	NO	0.999	NO	bb
9	9 200609P1-13	Standard	250.000	6.50	295241.313	22274.023	165.687	239.7	-4.1	NO	0.999	NO	bb
10	10 200609P1-14	Standard	500.000	6.50	525244.250	19029.008	345.029	504.4	0.9	NO	0.999	NO	bb

Compound name: N-MeFOSE
Correlation coefficient: r = 0.999923, r^2 = 0.999846
Calibration curve: 1.10736 * x + 0.498199
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	1.250	6.19	145.118	12629.748	1.714	1.1	-12.1	NO	1.000	NO	bb
2	2 200609P1-6	Standard	2.500	6.18	328.029	15093.351	3.243	2.5	-0.9	NO	1.000	NO	bb
3	3 200609P1-7	Standard	5.000	6.19	639.115	14810.145	6.439	5.4	7.3	NO	1.000	NO	bb
4	4 200609P1-8	Standard	10.000	6.18	1055.260	14485.564	10.869	9.4	-6.3	NO	1.000	NO	bb
5	5 200609P1-9	Standard	25.000	6.18	2822.135	14467.276	29.104	25.8	3.3	NO	1.000	NO	bb
6	6 200609P1-10	Standard	50.000	6.18	5826.579	14436.194	60.218	53.9	7.9	NO	1.000	NO	bb
7	7 200609P1-11	Standard	250.000	6.18	27445.813	14407.990	284.211	256.2	2.5	NO	1.000	NO	bb
8	8 200609P1-12	Standard	500.000	6.18	56657.609	15491.027	545.691	492.3	-1.5	NO	1.000	NO	bb
9	9 200609P1-13	Standard	1250.000	6.18	138492.141	14912.172	1385.648	1250.9	0.1	NO	1.000	NO	bb
10	10 200609P1-14	Standard	2500.000	6.18	268887.875	14510.521	2764.757	2496.3	-0.1	NO	1.000	NO	bb

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Compound name: N-EtFOSE
Correlation coefficient: r = 0.999567, r^2 = 0.999135
Calibration curve: 1.09185 * x + 0.150614
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	1.250	6.34	122.305	13570.013	1.345	1.1	-12.5	NO	0.999	NO	MM
2	2	200609P1-6	Standard	2.500	6.34	301.254	15550.367	2.890	2.5	0.4	NO	0.999	NO	bb
3	3	200609P1-7	Standard	5.000	6.34	687.091	16011.062	6.403	5.7	14.5	NO	0.999	NO	bb
4	4	200609P1-8	Standard	10.000	6.34	1140.369	16393.041	10.379	9.4	-6.3	NO	0.999	NO	bb
5	5	200609P1-9	Standard	25.000	6.34	2961.689	15899.277	27.793	25.3	1.3	NO	0.999	NO	bb
6	6	200609P1-10	Standard	50.000	6.34	6319.317	16436.625	57.362	52.4	4.8	NO	0.999	NO	bb
7	7	200609P1-11	Standard	250.000	6.33	29562.619	16644.445	264.998	242.6	-3.0	NO	0.999	NO	bb
8	8	200609P1-12	Standard	500.000	6.33	59489.984	15715.155	564.799	517.1	3.4	NO	0.999	NO	bb
9	9	200609P1-13	Standard	1250.000	6.33	148057.453	16890.629	1307.836	1197.7	-4.2	NO	0.999	NO	bb
10	10	200609P1-14	Standard	2500.000	6.33	287060.406	15442.972	2773.392	2539.9	1.6	NO	0.999	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 313.146
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	1.18	3875.625		3875.625	12.4	-1.0	NO		NO	MMX
2	2	200609P1-6	Standard	12.500	1.17	3927.594		3927.594	12.5	0.3	NO		NO	MMX
3	3	200609P1-7	Standard	12.500	1.17	4095.039		4095.039	13.1	4.6	NO		NO	bbX
4	4	200609P1-8	Standard	12.500	1.17	4018.351		4018.351	12.8	2.7	NO		NO	MMX
5	5	200609P1-9	Standard	12.500	1.17	3876.243		3876.243	12.4	-1.0	NO		NO	MMX
6	6	200609P1-10	Standard	12.500	1.17	3914.321		3914.321	12.5	0.0	NO		NO	bb
7	7	200609P1-11	Standard	12.500	1.17	4228.813		4228.813	13.5	8.0	NO		NO	MMX
8	8	200609P1-12	Standard	12.500	1.17	3852.266		3852.266	12.3	-1.6	NO		NO	MMX
9	9	200609P1-13	Standard	12.500	1.17	4384.229		4384.229	14.0	12.0	NO		NO	bbX
10	10	200609P1-14	Standard	12.500	1.18	4097.666		4097.666	13.1	4.7	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.886945
RRF SD: 0.0226534, Relative SD: 2.55409
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	1.18	3878.760	4333.401	11.189	12.6	0.9	NO		NO	MM
2	2	200609P1-6	Standard	12.500	1.17	3925.357	4356.127	11.264	12.7	1.6	NO		NO	MM
3	3	200609P1-7	Standard	12.500	1.17	4095.039	4568.246	11.205	12.6	1.1	NO		NO	bb
4	4	200609P1-8	Standard	12.500	1.17	4018.460	4684.527	10.723	12.1	-3.3	NO		NO	MM
5	5	200609P1-9	Standard	12.500	1.17	3879.372	4505.628	10.763	12.1	-2.9	NO		NO	MM
6	6	200609P1-10	Standard	12.500	1.17	3914.321	4548.492	10.757	12.1	-3.0	NO		NO	bb
7	7	200609P1-11	Standard	12.500	1.17	4226.290	4639.962	11.386	12.8	2.7	NO		NO	MM
8	8	200609P1-12	Standard	12.500	1.17	3859.409	4386.644	10.998	12.4	-0.8	NO		NO	MM
9	9	200609P1-13	Standard	12.500	1.17	4384.229	4742.814	11.555	13.0	4.2	NO		NO	bb
10	10	200609P1-14	Standard	12.500	1.18	4098.938	4645.220	11.030	12.4	-0.5	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 746.767
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	2.09	8238.390		8238.390	11.0	-11.7	NO		NO	MMX
2	2	200609P1-6	Standard	12.500	2.09	9040.335		9040.335	12.1	-3.2	NO		NO	MMX
3	3	200609P1-7	Standard	12.500	2.09	9366.643		9366.643	12.5	0.3	NO		NO	MMX
4	4	200609P1-8	Standard	12.500	2.09	9210.056		9210.056	12.3	-1.3	NO		NO	MMX
5	5	200609P1-9	Standard	12.500	2.09	9023.641		9023.641	12.1	-3.3	NO		NO	MMX
6	6	200609P1-10	Standard	12.500	2.09	9334.586		9334.586	12.5	0.0	NO		NO	MM
7	7	200609P1-11	Standard	12.500	2.09	9756.241		9756.241	13.1	4.5	NO		NO	MMX
8	8	200609P1-12	Standard	12.500	2.09	9295.169		9295.169	12.4	-0.4	NO		NO	MMX
9	9	200609P1-13	Standard	12.500	2.09	10031.275		10031.275	13.4	7.5	NO		NO	MMX
10	10	200609P1-14	Standard	12.500	2.09	8965.439		8965.439	12.0	-4.0	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.775828
RRF SD: 0.0296552, Relative SD: 3.82239
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	2.09	8114.444	10434.532	9.721	12.5	0.2	NO		NO	MM
2	2 200609P1-6	Standard	12.500	2.09	9139.438	11986.885	9.531	12.3	-1.7	NO		NO	MM
3	3 200609P1-7	Standard	12.500	2.09	9328.265	12311.056	9.471	12.2	-2.3	NO		NO	MM
4	4 200609P1-8	Standard	12.500	2.09	9178.566	12198.222	9.406	12.1	-3.0	NO		NO	MM
5	5 200609P1-9	Standard	12.500	2.09	9026.384	11968.522	9.427	12.2	-2.8	NO		NO	MM
6	6 200609P1-10	Standard	12.500	2.09	9334.661	11959.610	9.756	12.6	0.6	NO		NO	MM
7	7 200609P1-11	Standard	12.500	2.09	9736.042	11883.216	10.241	13.2	5.6	NO		NO	MM
8	8 200609P1-12	Standard	12.500	2.09	9281.915	12563.646	9.235	11.9	-4.8	NO		NO	MM
9	9 200609P1-13	Standard	12.500	2.09	9984.936	12017.022	10.386	13.4	7.1	NO		NO	MM
10	10 200609P1-14	Standard	12.500	2.09	8968.468	11434.747	9.804	12.6	1.1	NO		NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 87.6559
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	2.38	991.724		991.724	11.3	-9.5	NO		NO	MMX
2	2 200609P1-6	Standard	12.500	2.37	1064.081		1064.081	12.1	-2.9	NO		NO	MMX
3	3 200609P1-7	Standard	12.500	2.37	1125.865		1125.865	12.8	2.8	NO		NO	MMX
4	4 200609P1-8	Standard	12.500	2.37	1070.194		1070.194	12.2	-2.3	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	2.37	1028.600		1028.600	11.7	-6.1	NO		NO	MMX
6	6 200609P1-10	Standard	12.500	2.37	1095.699		1095.699	12.5	0.0	NO		NO	MM
7	7 200609P1-11	Standard	12.500	2.37	1150.053		1150.053	13.1	5.0	NO		NO	MMX
8	8 200609P1-12	Standard	12.500	2.37	1084.616		1084.616	12.4	-1.0	NO		NO	MMX
9	9 200609P1-13	Standard	12.500	2.37	1170.537		1170.537	13.4	6.8	NO		NO	MMX
10	10 200609P1-14	Standard	12.500	2.37	1016.370		1016.370	11.6	-7.2	NO		NO	MMX

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Compound name: 13C3-PFBS-RSD
Response Factor: 1.28663
RRF SD: 0.102797, Relative SD: 7.98964
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	2.38	990.491	755.527	16.387	12.7	1.9	NO		NO	MM
2	2 200609P1-6	Standard	12.500	2.37	1064.404	836.948	15.897	12.4	-1.2	NO		NO	MM
3	3 200609P1-7	Standard	12.500	2.37	1116.547	962.286	14.504	11.3	-9.8	NO		NO	MM
4	4 200609P1-8	Standard	12.500	2.37	1070.194	860.457	15.547	12.1	-3.3	NO		NO	bb
5	5 200609P1-9	Standard	12.500	2.37	1028.662	849.347	15.139	11.8	-5.9	NO		NO	MM
6	6 200609P1-10	Standard	12.500	2.37	1095.765	832.343	16.456	12.8	2.3	NO		NO	MM
7	7 200609P1-11	Standard	12.500	2.37	1149.527	800.821	17.943	13.9	11.6	NO		NO	MM
8	8 200609P1-12	Standard	12.500	2.37	1082.958	941.063	14.385	11.2	-10.6	NO		NO	MM
9	9 200609P1-13	Standard	12.500	2.37	1170.639	803.848	18.204	14.1	13.2	NO		NO	MM
10	10 200609P1-14	Standard	12.500	2.37	1016.937	776.644	16.367	12.7	1.8	NO		NO	MM

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 167.352
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	3.11	1766.665		1766.665	10.6	-15.5	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	3.11	1965.596		1965.596	11.7	-6.0	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	3.11	2174.716		2174.716	13.0	4.0	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	3.11	2020.667		2020.667	12.1	-3.4	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	3.11	2060.546		2060.546	12.3	-1.5	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	3.11	2091.895		2091.895	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	3.11	2254.096		2254.096	13.5	7.8	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	3.11	2109.476		2109.476	12.6	0.8	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	3.11	2263.158		2263.158	13.5	8.2	NO		NO	MMX
10	10 200609P1-14	Standard	12.500	3.11	2047.546		2047.546	12.2	-2.1	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.174758
RRF SD: 0.00888028, Relative SD: 5.08148
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	3.11	1766.665	10434.532	2.116	12.1	-3.1	NO		NO	bb
2	2 200609P1-6	Standard	12.500	3.11	1965.596	11986.885	2.050	11.7	-6.2	NO		NO	bb
3	3 200609P1-7	Standard	12.500	3.11	2174.716	12311.056	2.208	12.6	1.1	NO		NO	bb
4	4 200609P1-8	Standard	12.500	3.11	2020.667	12198.222	2.071	11.8	-5.2	NO		NO	bb
5	5 200609P1-9	Standard	12.500	3.11	2060.546	11968.522	2.152	12.3	-1.5	NO		NO	bb
6	6 200609P1-10	Standard	12.500	3.11	2091.895	11959.610	2.186	12.5	0.1	NO		NO	bb
7	7 200609P1-11	Standard	12.500	3.11	2254.096	11883.216	2.371	13.6	8.5	NO		NO	bb
8	8 200609P1-12	Standard	12.500	3.11	2109.476	12563.646	2.099	12.0	-3.9	NO		NO	bb
9	9 200609P1-13	Standard	12.500	3.11	2262.284	12017.022	2.353	13.5	7.7	NO		NO	MM
10	10 200609P1-14	Standard	12.500	3.11	2047.546	11434.747	2.238	12.8	2.5	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 101.521
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	2.82	1113.635		1113.635	11.0	-12.2	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	2.80	1242.672		1242.672	12.2	-2.1	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	2.81	1274.878		1274.878	12.6	0.5	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	2.80	1216.920		1216.920	12.0	-4.1	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	2.81	1228.081		1228.081	12.1	-3.2	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	2.81	1269.012		1269.012	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	2.81	1278.092		1278.092	12.6	0.7	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	2.80	1162.541		1162.541	11.5	-8.4	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	2.81	1134.148		1134.148	11.2	-10.6	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	2.80	967.695		967.695	9.5	-23.7	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.41566
RRF SD: 0.116929, Relative SD: 8.25965
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	2.82	1113.635	755.527	18.425	13.0	4.1	NO		NO	bb
2	2 200609P1-6	Standard	12.500	2.80	1242.672	836.948	18.560	13.1	4.9	NO		NO	bb
3	3 200609P1-7	Standard	12.500	2.81	1274.878	962.286	16.561	11.7	-6.4	NO		NO	bb
4	4 200609P1-8	Standard	12.500	2.80	1216.920	860.457	17.678	12.5	-0.1	NO		NO	bb
5	5 200609P1-9	Standard	12.500	2.81	1228.081	849.347	18.074	12.8	2.1	NO		NO	bb
6	6 200609P1-10	Standard	12.500	2.81	1269.012	832.343	19.058	13.5	7.7	NO		NO	bb
7	7 200609P1-11	Standard	12.500	2.81	1278.092	800.821	19.950	14.1	12.7	NO		NO	bb
8	8 200609P1-12	Standard	12.500	2.80	1162.541	941.063	15.442	10.9	-12.7	NO		NO	bb
9	9 200609P1-13	Standard	12.500	2.81	1134.148	803.848	17.636	12.5	-0.3	NO		NO	bb
10	10 200609P1-14	Standard	12.500	2.80	967.695	776.644	15.575	11.0	-12.0	NO		NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 884.205
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	2.90	9608.724		9608.724	10.9	-13.1	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	2.88	10698.982		10698.982	12.1	-3.2	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	2.89	10347.732		10347.732	11.7	-6.4	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	2.89	10953.375		10953.375	12.4	-0.9	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	2.89	11451.709		11451.709	13.0	3.6	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	2.89	11052.561		11052.561	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	2.88	11758.248		11758.248	13.3	6.4	NO		NO	MMX
8	8 200609P1-12	Standard	12.500	2.89	11287.810		11287.810	12.8	2.1	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	2.89	12533.612		12533.612	14.2	13.4	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	2.89	11159.381		11159.381	12.6	1.0	NO		NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.933982
RRF SD: 0.0582489, Relative SD: 6.23662
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	2.90	9608.724	10434.532	11.511	12.3	-1.4	NO		NO	bb
2	2	200609P1-6	Standard	12.500	2.88	10698.982	11986.885	11.157	11.9	-4.4	NO		NO	bb
3	3	200609P1-7	Standard	12.500	2.89	10347.732	12311.056	10.507	11.2	-10.0	NO		NO	bb
4	4	200609P1-8	Standard	12.500	2.89	10953.375	12198.222	11.224	12.0	-3.9	NO		NO	bb
5	5	200609P1-9	Standard	12.500	2.89	11451.709	11968.522	11.960	12.8	2.4	NO		NO	bb
6	6	200609P1-10	Standard	12.500	2.89	11052.561	11959.610	11.552	12.4	-1.1	NO		NO	bb
7	7	200609P1-11	Standard	12.500	2.88	11759.665	11883.216	12.370	13.2	6.0	NO		NO	MM
8	8	200609P1-12	Standard	12.500	2.89	11287.810	12563.646	11.231	12.0	-3.8	NO		NO	bb
9	9	200609P1-13	Standard	12.500	2.89	12533.612	12017.022	13.037	14.0	11.7	NO		NO	bb
10	10	200609P1-14	Standard	12.500	2.89	11159.381	11434.747	12.199	13.1	4.5	NO		NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 796.735
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	3.50	9244.650		9244.650	11.6	-7.2	NO		NO	bbX
2	2	200609P1-6	Standard	12.500	3.51	9933.135		9933.135	12.5	-0.3	NO		NO	bbX
3	3	200609P1-7	Standard	12.500	3.51	10419.825		10419.825	13.1	4.6	NO		NO	bbX
4	4	200609P1-8	Standard	12.500	3.51	9870.689		9870.689	12.4	-0.9	NO		NO	bbX
5	5	200609P1-9	Standard	12.500	3.51	10038.267		10038.267	12.6	0.8	NO		NO	bbX
6	6	200609P1-10	Standard	12.500	3.51	9959.189		9959.189	12.5	0.0	NO		NO	bb
7	7	200609P1-11	Standard	12.500	3.51	10410.968		10410.968	13.1	4.5	NO		NO	bbX
8	8	200609P1-12	Standard	12.500	3.50	9554.364		9554.364	12.0	-4.1	NO		NO	bbX
9	9	200609P1-13	Standard	12.500	3.51	10906.572		10906.572	13.7	9.5	NO		NO	bbX
10	10	200609P1-14	Standard	12.500	3.50	8998.859		8998.859	11.3	-9.6	NO		NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.837281
RRF SD: 0.0449938, Relative SD: 5.3738
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	3.50	9244.650	10434.532	11.075	13.2	5.8	NO		NO	bb
2	2 200609P1-6	Standard	12.500	3.51	9933.135	11986.885	10.358	12.4	-1.0	NO		NO	bb
3	3 200609P1-7	Standard	12.500	3.51	10419.825	12311.056	10.580	12.6	1.1	NO		NO	bb
4	4 200609P1-8	Standard	12.500	3.51	9870.689	12198.222	10.115	12.1	-3.4	NO		NO	bb
5	5 200609P1-9	Standard	12.500	3.51	10038.267	11968.522	10.484	12.5	0.2	NO		NO	bb
6	6 200609P1-10	Standard	12.500	3.51	9959.189	11959.610	10.409	12.4	-0.5	NO		NO	bb
7	7 200609P1-11	Standard	12.500	3.51	10410.968	11883.216	10.951	13.1	4.6	NO		NO	bb
8	8 200609P1-12	Standard	12.500	3.50	9554.364	12563.646	9.506	11.4	-9.2	NO		NO	bb
9	9 200609P1-13	Standard	12.500	3.51	10906.572	12017.022	11.345	13.5	8.4	NO		NO	bb
10	10 200609P1-14	Standard	12.500	3.50	8998.859	11434.747	9.837	11.7	-6.0	NO		NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 166.113
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	3.65	1842.490		1842.490	11.1	-11.3	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	3.65	2281.664		2281.664	13.7	9.9	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	3.65	2339.877		2339.877	14.1	12.7	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	3.65	2262.620		2262.620	13.6	9.0	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	3.65	2195.165		2195.165	13.2	5.7	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	3.65	2076.415		2076.415	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	3.65	2241.224		2241.224	13.5	7.9	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	3.64	2192.752		2192.752	13.2	5.6	NO		NO	MMX
9	9 200609P1-13	Standard	12.500	3.65	2228.330		2228.330	13.4	7.3	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	3.65	1928.333		1928.333	11.6	-7.1	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 2.56888
RRF SD: 0.159359, Relative SD: 6.20346
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	3.65	1842.490	755.527	30.484	11.9	-5.1	NO		NO	bb
2	2	200609P1-6	Standard	12.500	3.65	2281.664	836.948	34.077	13.3	6.1	NO		NO	bb
3	3	200609P1-7	Standard	12.500	3.65	2339.877	962.286	30.395	11.8	-5.3	NO		NO	bb
4	4	200609P1-8	Standard	12.500	3.65	2262.620	860.457	32.869	12.8	2.4	NO		NO	bb
5	5	200609P1-9	Standard	12.500	3.65	2195.165	849.347	32.307	12.6	0.6	NO		NO	bb
6	6	200609P1-10	Standard	12.500	3.65	2076.415	832.343	31.183	12.1	-2.9	NO		NO	bb
7	7	200609P1-11	Standard	12.500	3.65	2241.224	800.821	34.983	13.6	8.9	NO		NO	bb
8	8	200609P1-12	Standard	12.500	3.64	2192.604	941.063	29.124	11.3	-9.3	NO		NO	MM
9	9	200609P1-13	Standard	12.500	3.65	2228.330	803.848	34.651	13.5	7.9	NO		NO	bb
10	10	200609P1-14	Standard	12.500	3.65	1928.333	776.644	31.036	12.1	-3.3	NO		NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 110.675
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	3.95	1328.329		1328.329	12.0	-4.0	NO		NO	bbX
2	2	200609P1-6	Standard	12.500	3.95	1415.125		1415.125	12.8	2.3	NO		NO	bbX
3	3	200609P1-7	Standard	12.500	3.96	1477.561		1477.561	13.4	6.8	NO		NO	MMX
4	4	200609P1-8	Standard	12.500	3.95	1405.041		1405.041	12.7	1.6	NO		NO	bbX
5	5	200609P1-9	Standard	12.500	3.96	1453.357		1453.357	13.1	5.1	NO		NO	bbX
6	6	200609P1-10	Standard	12.500	3.96	1383.443		1383.443	12.5	0.0	NO		NO	bb
7	7	200609P1-11	Standard	12.500	3.96	1440.382		1440.382	13.0	4.1	NO		NO	bbX
8	8	200609P1-12	Standard	12.500	3.95	1299.873		1299.873	11.7	-6.0	NO		NO	bbX
9	9	200609P1-13	Standard	12.500	3.95	1401.904		1401.904	12.7	1.3	NO		NO	bbX
10	10	200609P1-14	Standard	12.500	3.95	1107.364		1107.364	10.0	-20.0	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.564709
RRF SD: 0.0265827, Relative SD: 4.70733
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	3.95	1328.329	2323.644	7.146	12.7	1.2	NO		NO	bb
2	2	200609P1-6	Standard	12.500	3.95	1415.125	2453.200	7.211	12.8	2.1	NO		NO	bb
3	3	200609P1-7	Standard	12.500	3.96	1478.098	2527.403	7.310	12.9	3.6	NO		NO	MM
4	4	200609P1-8	Standard	12.500	3.95	1405.041	2549.921	6.888	12.2	-2.4	NO		NO	bb
5	5	200609P1-9	Standard	12.500	3.96	1453.357	2503.864	7.256	12.8	2.8	NO		NO	bb
6	6	200609P1-10	Standard	12.500	3.96	1383.443	2508.059	6.895	12.2	-2.3	NO		NO	bb
7	7	200609P1-11	Standard	12.500	3.96	1440.382	2585.035	6.965	12.3	-1.3	NO		NO	bb
8	8	200609P1-12	Standard	12.500	3.95	1299.873	2232.982	7.277	12.9	3.1	NO		NO	bb
9	9	200609P1-13	Standard	12.500	3.95	1401.904	2372.930	7.385	13.1	4.6	NO		NO	bb
10	10	200609P1-14	Standard	12.500	3.95	1107.364	2212.155	6.257	11.1	-11.4	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 933.378
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	4.45	10029.754		10029.754	10.7	-14.0	NO		NO	bbX
2	2	200609P1-6	Standard	12.500	4.45	11301.373		11301.373	12.1	-3.1	NO		NO	bbX
3	3	200609P1-7	Standard	12.500	4.45	11824.250		11824.250	12.7	1.3	NO		NO	bbX
4	4	200609P1-8	Standard	12.500	4.45	11652.830		11652.830	12.5	-0.1	NO		NO	bbX
5	5	200609P1-9	Standard	12.500	4.45	11219.423		11219.423	12.0	-3.8	NO		NO	bbX
6	6	200609P1-10	Standard	12.500	4.45	11667.220		11667.220	12.5	0.0	NO		NO	bb
7	7	200609P1-11	Standard	12.500	4.45	12060.086		12060.086	12.9	3.4	NO		NO	bbX
8	8	200609P1-12	Standard	12.500	4.45	11315.499		11315.499	12.1	-3.0	NO		NO	bbX
9	9	200609P1-13	Standard	12.500	4.45	11984.686		11984.686	12.8	2.7	NO		NO	bbX
10	10	200609P1-14	Standard	12.500	4.44	10011.791		10011.791	10.7	-14.2	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.965058
RRF SD: 0.0247161, Relative SD: 2.5611
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.45	10029.754	10414.008	12.039	12.5	-0.2	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.45	11301.373	12142.415	11.634	12.1	-3.6	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.45	11824.250	12282.746	12.033	12.5	-0.2	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.45	11652.830	12046.663	12.091	12.5	0.2	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.45	11219.423	12041.276	11.647	12.1	-3.5	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.45	11667.220	12016.892	12.136	12.6	0.6	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.45	12060.086	12082.297	12.477	12.9	3.4	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.45	11315.499	11868.633	11.917	12.3	-1.2	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.45	11984.686	11878.237	12.612	13.1	4.5	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.44	10011.791	10390.071	12.045	12.5	-0.2	NO		NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 266.097
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.50	3025.830		3025.830	11.4	-9.0	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	4.50	3470.613		3470.613	13.0	4.3	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	4.50	3547.987		3547.987	13.3	6.7	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	4.50	3444.993		3444.993	12.9	3.6	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	4.50	3551.477		3551.477	13.3	6.8	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	4.50	3326.211		3326.211	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.50	3509.175		3509.175	13.2	5.5	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	4.50	3220.585		3220.585	12.1	-3.2	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	4.50	3561.070		3561.070	13.4	7.1	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	4.49	3245.258		3245.258	12.2	-2.4	NO		NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.320232
RRF SD: 0.0191453, Relative SD: 5.97856
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.50	3025.830	10077.018	3.753	11.7	-6.2	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.50	3470.613	10801.176	4.016	12.5	0.3	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.50	3547.987	11195.342	3.961	12.4	-1.0	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.50	3444.993	11033.296	3.903	12.2	-2.5	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.50	3551.477	10762.334	4.125	12.9	3.0	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.50	3326.211	10739.974	3.871	12.1	-3.3	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.50	3509.175	11019.592	3.981	12.4	-0.6	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.50	3220.585	10877.285	3.701	11.6	-7.5	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.50	3561.070	10652.410	4.179	13.0	4.4	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.49	3245.258	8938.677	4.538	14.2	13.4	NO		NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 1004.6
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.01	11840.556		11840.556	11.8	-5.7	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	4.01	12938.825		12938.825	12.9	3.0	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	4.01	13553.912		13553.912	13.5	7.9	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	4.01	12846.850		12846.850	12.8	2.3	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	4.01	12240.937		12240.937	12.2	-2.5	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	4.01	12557.558		12557.558	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.01	13481.895		13481.895	13.4	7.4	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	4.00	12524.105		12524.105	12.5	-0.3	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	4.01	12979.884		12979.884	12.9	3.4	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	4.00	11012.396		11012.396	11.0	-12.3	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 1.19614
RRF SD: 0.0509089, Relative SD: 4.2561
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.01	11840.556	10405.146	14.224	11.9	-4.9	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.01	12938.825	11198.851	14.442	12.1	-3.4	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.01	13553.912	11589.831	14.618	12.2	-2.2	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.01	12846.850	10804.885	14.862	12.4	-0.6	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.01	12240.937	10484.470	14.594	12.2	-2.4	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.01	12557.558	10853.781	14.462	12.1	-3.3	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.01	13481.895	10630.041	15.854	13.3	6.0	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.00	12524.105	10293.774	15.208	12.7	1.7	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.01	12979.884	10037.095	16.165	13.5	8.1	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.00	11012.396	9123.921	15.087	12.6	0.9	NO		NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 184.464
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.54	2000.802		2000.802	10.8	-13.2	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	4.54	2328.261		2328.261	12.6	1.0	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	4.54	2252.511		2252.511	12.2	-2.3	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	4.54	2164.725		2164.725	11.7	-6.1	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	4.54	2187.813		2187.813	11.9	-5.1	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	4.54	2305.803		2305.803	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.54	2401.930		2401.930	13.0	4.2	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	4.53	2111.049		2111.049	11.4	-8.4	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	4.53	2280.074		2280.074	12.4	-1.1	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	4.53	1923.696		1923.696	10.4	-16.6	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.904847
RRF SD: 0.0407924, Relative SD: 4.50821
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	4.54	2000.802	2323.644	10.763	11.9	-4.8	NO		NO	bb
2	2	200609P1-6	Standard	12.500	4.54	2328.261	2453.200	11.863	13.1	4.9	NO		NO	bb
3	3	200609P1-7	Standard	12.500	4.54	2252.511	2527.403	11.140	12.3	-1.5	NO		NO	bb
4	4	200609P1-8	Standard	12.500	4.54	2164.725	2549.921	10.612	11.7	-6.2	NO		NO	bb
5	5	200609P1-9	Standard	12.500	4.54	2187.813	2503.864	10.922	12.1	-3.4	NO		NO	bb
6	6	200609P1-10	Standard	12.500	4.54	2305.803	2508.059	11.492	12.7	1.6	NO		NO	bb
7	7	200609P1-11	Standard	12.500	4.54	2401.930	2585.035	11.615	12.8	2.7	NO		NO	bb
8	8	200609P1-12	Standard	12.500	4.53	2111.049	2232.982	11.817	13.1	4.5	NO		NO	bb
9	9	200609P1-13	Standard	12.500	4.53	2280.074	2372.930	12.011	13.3	6.2	NO		NO	bb
10	10	200609P1-14	Standard	12.500	4.53	1923.696	2212.155	10.870	12.0	-3.9	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1120.35
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	4.83	12433.959		12433.959	11.1	-11.2	NO		NO	bbX
2	2	200609P1-6	Standard	12.500	4.83	14049.109		14049.109	12.5	0.3	NO		NO	bbX
3	3	200609P1-7	Standard	12.500	4.83	14365.854		14365.854	12.8	2.6	NO		NO	bbX
4	4	200609P1-8	Standard	12.500	4.83	13401.459		13401.459	12.0	-4.3	NO		NO	bbX
5	5	200609P1-9	Standard	12.500	4.83	13438.812		13438.812	12.0	-4.0	NO		NO	bbX
6	6	200609P1-10	Standard	12.500	4.83	14004.419		14004.419	12.5	0.0	NO		NO	bb
7	7	200609P1-11	Standard	12.500	4.83	14562.523		14562.523	13.0	4.0	NO		NO	bbX
8	8	200609P1-12	Standard	12.500	4.82	13848.538		13848.538	12.4	-1.1	NO		NO	bbX
9	9	200609P1-13	Standard	12.500	4.83	14559.243		14559.243	13.0	4.0	NO		NO	bbX
10	10	200609P1-14	Standard	12.500	4.82	12212.170		12212.170	10.9	-12.8	NO		NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 1.16753
RRF SD: 0.0560851, Relative SD: 4.80375
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.83	12433.959	10499.989	14.802	12.7	1.4	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.83	14049.109	12475.915	14.076	12.1	-3.5	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.83	14365.854	12722.360	14.115	12.1	-3.3	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.83	13401.459	11911.508	14.064	12.0	-3.6	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.83	13438.812	12333.032	13.621	11.7	-6.7	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.83	14004.419	11802.726	14.832	12.7	1.6	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.83	14562.523	11961.063	15.219	13.0	4.3	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.82	13848.538	11602.925	14.919	12.8	2.2	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.83	14559.243	11367.349	16.010	13.7	9.7	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.82	12212.170	10687.139	14.284	12.2	-2.1	NO		NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 97.6152
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.80	1158.967		1158.967	11.9	-5.0	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	4.80	1301.319		1301.319	13.3	6.6	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	4.80	1260.872		1260.872	12.9	3.3	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	4.80	1520.243		1520.243	15.6	24.6	NO		NO	MMX
5	5 200609P1-9	Standard	12.500	4.80	1318.446		1318.446	13.5	8.1	NO		NO	MMX
6	6 200609P1-10	Standard	12.500	4.80	1220.190		1220.190	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.80	1357.915		1357.915	13.9	11.3	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	4.79	1214.677		1214.677	12.4	-0.5	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	4.80	1304.531		1304.531	13.4	6.9	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	4.79	1239.188		1239.188	12.7	1.6	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.532402
RRF SD: 0.0328167, Relative SD: 6.16389
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.80	1158.967	2323.644	6.235	11.7	-6.3	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.80	1301.319	2453.200	6.631	12.5	-0.4	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.80	1260.872	2527.403	6.236	11.7	-6.3	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.80	1520.227	2549.921	7.452	14.0	12.0	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.80	1337.123	2503.864	6.675	12.5	0.3	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.80	1220.190	2508.059	6.081	11.4	-8.6	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.80	1357.915	2585.035	6.566	12.3	-1.3	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.79	1214.677	2232.982	6.800	12.8	2.2	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.80	1304.531	2372.930	6.872	12.9	3.3	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.79	1239.188	2212.155	7.002	13.2	5.2	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 259.58
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.98	2954.522		2954.522	11.4	-8.9	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	4.98	3343.079		3343.079	12.9	3.0	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	4.98	3607.449		3607.449	13.9	11.2	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	4.98	3469.219		3469.219	13.4	6.9	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	4.98	3477.198		3477.198	13.4	7.2	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	4.98	3244.744		3244.744	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.98	3416.178		3416.178	13.2	5.3	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	4.97	3496.500		3496.500	13.5	7.8	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	4.97	3720.448		3720.448	14.3	14.7	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	4.97	3338.377		3338.377	12.9	2.9	NO		NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.321877
RRF SD: 0.0235142, Relative SD: 7.30534
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.98	2954.522	10077.018	3.665	11.4	-8.9	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.98	3343.079	10801.176	3.869	12.0	-3.8	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.98	3607.449	11195.342	4.028	12.5	0.1	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.98	3469.219	11033.296	3.930	12.2	-2.3	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.98	3477.198	10762.334	4.039	12.5	0.4	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.98	3244.744	10739.974	3.776	11.7	-6.1	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.98	3416.178	11019.592	3.875	12.0	-3.7	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.97	3496.500	10877.285	4.018	12.5	-0.1	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.97	3720.448	10652.410	4.366	13.6	8.5	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.97	3338.377	8938.677	4.668	14.5	16.0	NO		NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1200.04
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.16	13683.336		13683.336	11.4	-8.8	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	5.16	14742.484		14742.484	12.3	-1.7	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	5.16	15708.131		15708.131	13.1	4.7	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	5.15	14619.075		14619.075	12.2	-2.5	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	5.16	13550.273		13550.273	11.3	-9.7	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	5.16	15000.463		15000.463	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.16	15622.501		15622.501	13.0	4.1	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	5.15	14389.920		14389.920	12.0	-4.1	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	5.15	15183.002		15183.002	12.7	1.2	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	5.15	12237.688		12237.688	10.2	-18.4	NO		NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.36416
RRF SD: 0.0511287, Relative SD: 3.74799
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.16	13683.336	10077.018	16.973	12.4	-0.5	NO		NO	bb
2	2 200609P1-6	Standard	12.500	5.16	14742.484	10801.176	17.061	12.5	0.1	NO		NO	bb
3	3 200609P1-7	Standard	12.500	5.16	15708.131	11195.342	17.539	12.9	2.9	NO		NO	bb
4	4 200609P1-8	Standard	12.500	5.15	14619.075	11033.296	16.562	12.1	-2.9	NO		NO	bb
5	5 200609P1-9	Standard	12.500	5.16	13550.273	10762.334	15.738	11.5	-7.7	NO		NO	bb
6	6 200609P1-10	Standard	12.500	5.16	15000.463	10739.974	17.459	12.8	2.4	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.16	15622.501	11019.592	17.721	13.0	3.9	NO		NO	bb
8	8 200609P1-12	Standard	12.500	5.15	14389.920	10877.285	16.537	12.1	-3.0	NO		NO	bb
9	9 200609P1-13	Standard	12.500	5.15	15183.002	10652.410	17.816	13.1	4.5	NO		NO	bb
10	10 200609P1-14	Standard	12.500	5.15	12237.688	8938.677	17.113	12.5	0.4	NO		NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 179.158
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.14	2009.129		2009.129	11.2	-10.3	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	5.14	2248.153		2248.153	12.5	0.4	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	5.14	2245.029		2245.029	12.5	0.2	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	5.13	2226.605		2226.605	12.4	-0.6	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	5.14	2223.037		2223.037	12.4	-0.7	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	5.14	2239.480		2239.480	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.14	2284.637		2284.637	12.8	2.0	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	5.13	2170.585		2170.585	12.1	-3.1	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	5.13	2120.331		2120.331	11.8	-5.3	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	5.13	1808.357		1808.357	10.1	-19.3	NO		NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.203316
RRF SD: 0.00388519, Relative SD: 1.91091
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.14	2009.129	10077.018	2.492	12.3	-1.9	NO		NO	bb
2	2 200609P1-6	Standard	12.500	5.14	2248.153	10801.176	2.602	12.8	2.4	NO		NO	bb
3	3 200609P1-7	Standard	12.500	5.14	2245.029	11195.342	2.507	12.3	-1.4	NO		NO	bb
4	4 200609P1-8	Standard	12.500	5.13	2226.605	11033.296	2.523	12.4	-0.7	NO		NO	bb
5	5 200609P1-9	Standard	12.500	5.14	2223.037	10762.334	2.582	12.7	1.6	NO		NO	bb
6	6 200609P1-10	Standard	12.500	5.14	2239.480	10739.974	2.606	12.8	2.6	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.14	2284.637	11019.592	2.592	12.7	2.0	NO		NO	bb
8	8 200609P1-12	Standard	12.500	5.13	2170.585	10877.285	2.494	12.3	-1.9	NO		NO	bb
9	9 200609P1-13	Standard	12.500	5.13	2120.331	10652.410	2.488	12.2	-2.1	NO		NO	bb
10	10 200609P1-14	Standard	12.500	5.13	1808.357	8938.677	2.529	12.4	-0.5	NO		NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1307.14
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.44	14963.042		14963.042	11.4	-8.4	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	5.44	16759.270		16759.270	12.8	2.6	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	5.44	17829.855		17829.855	13.6	9.1	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	5.43	16602.881		16602.881	12.7	1.6	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	5.44	15909.234		15909.234	12.2	-2.6	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	5.44	16339.242		16339.242	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.43	18086.178		18086.178	13.8	10.7	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	5.43	15977.506		15977.506	12.2	-2.2	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	5.43	17113.488		17113.488	13.1	4.7	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	5.43	14335.547		14335.547	11.0	-12.3	NO		NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.3974
RRF SD: 0.0697771, Relative SD: 4.99335
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.44	14963.042	10499.989	17.813	12.7	2.0	NO		NO	bb
2	2 200609P1-6	Standard	12.500	5.44	16759.270	12475.915	16.792	12.0	-3.9	NO		NO	bb
3	3 200609P1-7	Standard	12.500	5.44	17829.855	12722.360	17.518	12.5	0.3	NO		NO	bb
4	4 200609P1-8	Standard	12.500	5.43	16602.881	11911.508	17.423	12.5	-0.3	NO		NO	bb
5	5 200609P1-9	Standard	12.500	5.44	15909.234	12333.032	16.125	11.5	-7.7	NO		NO	bb
6	6 200609P1-10	Standard	12.500	5.44	16339.242	11802.726	17.305	12.4	-0.9	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.43	18086.178	11961.063	18.901	13.5	8.2	NO		NO	bb
8	8 200609P1-12	Standard	12.500	5.43	15977.506	11602.925	17.213	12.3	-1.5	NO		NO	bb
9	9 200609P1-13	Standard	12.500	5.43	17113.488	11367.349	18.819	13.5	7.7	NO		NO	bb
10	10 200609P1-14	Standard	12.500	5.43	14335.547	10687.139	16.767	12.0	-4.0	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 68.9794
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.42	861.944		861.944	12.5	-0.0	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	5.42	971.876		971.876	14.1	12.7	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	5.42	987.201		987.201	14.3	14.5	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	5.42	923.653		923.653	13.4	7.1	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	5.42	915.200		915.200	13.3	6.1	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	5.42	862.243		862.243	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.42	929.168		929.168	13.5	7.8	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	5.41	782.874		782.874	11.3	-9.2	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	5.42	808.012		808.012	11.7	-6.3	NO		NO	dbX
10	10 200609P1-14	Standard	12.500	5.41	602.856		602.856	8.7	-30.1	YES		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.354503
RRF SD: 0.036167, Relative SD: 10.2021
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.42	861.944	2323.644	4.637	13.1	4.6	NO		NO	bb
2	2 200609P1-6	Standard	12.500	5.42	971.876	2453.200	4.952	14.0	11.8	NO		NO	bb
3	3 200609P1-7	Standard	12.500	5.42	987.201	2527.403	4.882	13.8	10.2	NO		NO	bb
4	4 200609P1-8	Standard	12.500	5.42	923.653	2549.921	4.528	12.8	2.2	NO		NO	bb
5	5 200609P1-9	Standard	12.500	5.42	915.200	2503.864	4.569	12.9	3.1	NO		NO	bb
6	6 200609P1-10	Standard	12.500	5.42	862.243	2508.059	4.297	12.1	-3.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.42	929.168	2585.035	4.493	12.7	1.4	NO		NO	bb
8	8 200609P1-12	Standard	12.500	5.41	782.874	2232.982	4.382	12.4	-1.1	NO		NO	bb
9	9 200609P1-13	Standard	12.500	5.42	807.454	2372.930	4.253	12.0	-4.0	NO		NO	MM
10	10 200609P1-14	Standard	12.500	5.41	587.277	2212.155	3.318	9.4	-25.1	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 77.2206
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	149.200	5.50	10717.446		10717.446	138.8	-7.0	NO		NO	bbX
2	2 200609P1-6	Standard	149.200	5.50	11750.518		11750.518	152.2	2.0	NO		NO	bbX
3	3 200609P1-7	Standard	149.200	5.51	12107.789		12107.789	156.8	5.1	NO		NO	bbX
4	4 200609P1-8	Standard	149.200	5.50	11890.866		11890.866	154.0	3.2	NO		NO	bbX
5	5 200609P1-9	Standard	149.200	5.50	11621.259		11621.259	150.5	0.9	NO		NO	bbX
6	6 200609P1-10	Standard	149.200	5.50	11521.313		11521.313	149.2	0.0	NO		NO	bb
7	7 200609P1-11	Standard	149.200	5.50	11409.453		11409.453	147.8	-1.0	NO		NO	bbX
8	8 200609P1-12	Standard	149.200	5.49	11487.519		11487.519	148.8	-0.3	NO		NO	bbX
9	9 200609P1-13	Standard	149.200	5.50	12795.804		12795.804	165.7	11.1	NO		NO	bbX
10	10 200609P1-14	Standard	149.200	5.50	11750.914		11750.914	152.2	2.0	NO		NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0927492
RRF SD: 0.0071403, Relative SD: 7.6985
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	149.200	5.50	10717.446	10077.018	13.294	143.3	-3.9	NO		NO	bb
2	2 200609P1-6	Standard	149.200	5.50	11750.518	10801.176	13.599	146.6	-1.7	NO		NO	bb
3	3 200609P1-7	Standard	149.200	5.51	12107.789	11195.342	13.519	145.8	-2.3	NO		NO	bb
4	4 200609P1-8	Standard	149.200	5.50	11890.866	11033.296	13.472	145.2	-2.6	NO		NO	bb
5	5 200609P1-9	Standard	149.200	5.50	11621.259	10762.334	13.498	145.5	-2.5	NO		NO	bb
6	6 200609P1-10	Standard	149.200	5.50	11521.313	10739.974	13.409	144.6	-3.1	NO		NO	bb
7	7 200609P1-11	Standard	149.200	5.50	11409.453	11019.592	12.942	139.5	-6.5	NO		NO	bb
8	8 200609P1-12	Standard	149.200	5.49	11487.519	10877.285	13.201	142.3	-4.6	NO		NO	bb
9	9 200609P1-13	Standard	149.200	5.50	12795.804	10652.410	15.015	161.9	8.5	NO		NO	bb
10	10 200609P1-14	Standard	149.200	5.50	11750.914	8938.677	16.433	177.2	18.7	NO		NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1159.76
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.90	13707.540		13707.540	11.8	-5.4	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	5.90	14420.983		14420.983	12.4	-0.5	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	5.90	15147.563		15147.563	13.1	4.5	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	5.90	15044.429		15044.429	13.0	3.8	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	5.90	14179.529		14179.529	12.2	-2.2	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	5.90	14497.050		14497.050	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.90	15314.352		15314.352	13.2	5.6	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	5.89	13865.759		13865.759	12.0	-4.4	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	5.90	14351.444		14351.444	12.4	-1.0	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	5.89	12158.627		12158.627	10.5	-16.1	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 1.34513
RRF SD: 0.031077, Relative SD: 2.31034
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	5.90	13707.540	10077.018	17.003	12.6	1.1	NO		NO	bb
2	2	200609P1-6	Standard	12.500	5.90	14420.983	10801.176	16.689	12.4	-0.7	NO		NO	bb
3	3	200609P1-7	Standard	12.500	5.90	15147.563	11195.342	16.913	12.6	0.6	NO		NO	bb
4	4	200609P1-8	Standard	12.500	5.90	15044.429	11033.296	17.044	12.7	1.4	NO		NO	bb
5	5	200609P1-9	Standard	12.500	5.90	14179.529	10762.334	16.469	12.2	-2.1	NO		NO	bb
6	6	200609P1-10	Standard	12.500	5.90	14497.050	10739.974	16.873	12.5	0.3	NO		NO	bb
7	7	200609P1-11	Standard	12.500	5.90	15314.352	11019.592	17.372	12.9	3.3	NO		NO	bb
8	8	200609P1-12	Standard	12.500	5.89	13865.759	10877.285	15.934	11.8	-5.2	NO		NO	bb
9	9	200609P1-13	Standard	12.500	5.90	14351.444	10652.410	16.841	12.5	0.2	NO		NO	bb
10	10	200609P1-14	Standard	12.500	5.89	12158.627	8938.677	17.003	12.6	1.1	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 117.961
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	149.200	5.95	15805.954		15805.954	134.0	-10.2	NO		NO	bbX
2	2	200609P1-6	Standard	149.200	5.95	17008.582		17008.582	144.2	-3.4	NO		NO	bbX
3	3	200609P1-7	Standard	149.200	5.95	17590.697		17590.697	149.1	-0.1	NO		NO	bbX
4	4	200609P1-8	Standard	149.200	5.95	17667.658		17667.658	149.8	0.4	NO		NO	bbX
5	5	200609P1-9	Standard	149.200	5.95	17091.975		17091.975	144.9	-2.9	NO		NO	bbX
6	6	200609P1-10	Standard	149.200	5.95	17599.848		17599.848	149.2	0.0	NO		NO	bb
7	7	200609P1-11	Standard	149.200	5.95	17415.391		17415.391	147.6	-1.0	NO		NO	bbX
8	8	200609P1-12	Standard	149.200	5.94	17022.053		17022.053	144.3	-3.3	NO		NO	bbX
9	9	200609P1-13	Standard	149.200	5.95	16668.207		16668.207	141.3	-5.3	NO		NO	bbX
10	10	200609P1-14	Standard	149.200	5.94	15610.965		15610.965	132.3	-11.3	NO		NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.134041
RRF SD: 0.00470683, Relative SD: 3.51149
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	149.200	5.95	15805.954	10077.018	19.606	146.3	-2.0	NO		NO	bb
2	2 200609P1-6	Standard	149.200	5.95	17008.582	10801.176	19.684	146.8	-1.6	NO		NO	bb
3	3 200609P1-7	Standard	149.200	5.95	17590.697	11195.342	19.641	146.5	-1.8	NO		NO	bb
4	4 200609P1-8	Standard	149.200	5.95	17667.658	11033.296	20.016	149.3	0.1	NO		NO	bb
5	5 200609P1-9	Standard	149.200	5.95	17091.975	10762.334	19.852	148.1	-0.7	NO		NO	bb
6	6 200609P1-10	Standard	149.200	5.95	17599.848	10739.974	20.484	152.8	2.4	NO		NO	bb
7	7 200609P1-11	Standard	149.200	5.95	17415.391	11019.592	19.755	147.4	-1.2	NO		NO	bb
8	8 200609P1-12	Standard	149.200	5.94	17022.053	10877.285	19.561	145.9	-2.2	NO		NO	bb
9	9 200609P1-13	Standard	149.200	5.95	16668.207	10652.410	19.559	145.9	-2.2	NO		NO	bb
10	10 200609P1-14	Standard	149.200	5.94	15610.965	8938.677	21.831	162.9	9.2	NO		NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1719.74
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	6.25	19658.611		19658.611	11.4	-8.6	NO		NO	bbX
2	2 200609P1-6	Standard	12.500	6.25	20963.482		20963.482	12.2	-2.5	NO		NO	bbX
3	3 200609P1-7	Standard	12.500	6.25	23509.137		23509.137	13.7	9.4	NO		NO	bbX
4	4 200609P1-8	Standard	12.500	6.25	22519.826		22519.826	13.1	4.8	NO		NO	bbX
5	5 200609P1-9	Standard	12.500	6.25	21261.213		21261.213	12.4	-1.1	NO		NO	bbX
6	6 200609P1-10	Standard	12.500	6.25	21496.691		21496.691	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	6.25	22272.004		22272.004	13.0	3.6	NO		NO	bbX
8	8 200609P1-12	Standard	12.500	6.24	21192.895		21192.895	12.3	-1.4	NO		NO	bbX
9	9 200609P1-13	Standard	12.500	6.25	22274.023		22274.023	13.0	3.6	NO		NO	bbX
10	10 200609P1-14	Standard	12.500	6.24	19029.008		19029.008	11.1	-11.5	NO		NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 2.01991
RRF SD: 0.0684863, Relative SD: 3.39057
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	6.25	19658.611	10077.018	24.385	12.1	-3.4	NO		NO	bb
2	2 200609P1-6	Standard	12.500	6.25	20963.482	10801.176	24.261	12.0	-3.9	NO		NO	bb
3	3 200609P1-7	Standard	12.500	6.25	23509.137	11195.342	26.249	13.0	4.0	NO		NO	bb
4	4 200609P1-8	Standard	12.500	6.25	22519.826	11033.296	25.513	12.6	1.0	NO		NO	bb
5	5 200609P1-9	Standard	12.500	6.25	21261.213	10762.334	24.694	12.2	-2.2	NO		NO	bb
6	6 200609P1-10	Standard	12.500	6.25	21496.691	10739.974	25.019	12.4	-0.9	NO		NO	bb
7	7 200609P1-11	Standard	12.500	6.25	22272.004	11019.592	25.264	12.5	0.1	NO		NO	bb
8	8 200609P1-12	Standard	12.500	6.24	21192.895	10877.285	24.355	12.1	-3.5	NO		NO	bb
9	9 200609P1-13	Standard	12.500	6.25	22274.023	10652.410	26.137	12.9	3.5	NO		NO	bb
10	10 200609P1-14	Standard	12.500	6.24	19029.008	8938.677	26.610	13.2	5.4	NO		NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 96.7573
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	149.200	6.18	12629.748		12629.748	130.5	-12.5	NO		NO	bbX
2	2 200609P1-6	Standard	149.200	6.18	15093.351		15093.351	156.0	4.6	NO		NO	bbX
3	3 200609P1-7	Standard	149.200	6.18	14810.145		14810.145	153.1	2.6	NO		NO	bbX
4	4 200609P1-8	Standard	149.200	6.17	14485.564		14485.564	149.7	0.3	NO		NO	bbX
5	5 200609P1-9	Standard	149.200	6.17	14467.276		14467.276	149.5	0.2	NO		NO	bbX
6	6 200609P1-10	Standard	149.200	6.17	14436.194		14436.194	149.2	0.0	NO		NO	bb
7	7 200609P1-11	Standard	149.200	6.17	14407.990		14407.990	148.9	-0.2	NO		NO	bbX
8	8 200609P1-12	Standard	149.200	6.17	15491.027		15491.027	160.1	7.3	NO		NO	bbX
9	9 200609P1-13	Standard	149.200	6.17	14912.172		14912.172	154.1	3.3	NO		NO	bbX
10	10 200609P1-14	Standard	149.200	6.17	14510.521		14510.521	150.0	0.5	NO		NO	bbX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.115028
RRF SD: 0.00851663, Relative SD: 7.40395
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	149.200	6.18	12629.748	10077.018	15.667	136.2	-8.7	NO		NO	bb
2	2 200609P1-6	Standard	149.200	6.18	15093.351	10801.176	17.467	151.9	1.8	NO		NO	bb
3	3 200609P1-7	Standard	149.200	6.18	14810.145	11195.342	16.536	143.8	-3.6	NO		NO	bb
4	4 200609P1-8	Standard	149.200	6.17	14485.564	11033.296	16.411	142.7	-4.4	NO		NO	bb
5	5 200609P1-9	Standard	149.200	6.17	14467.276	10762.334	16.803	146.1	-2.1	NO		NO	bb
6	6 200609P1-10	Standard	149.200	6.17	14436.194	10739.974	16.802	146.1	-2.1	NO		NO	bb
7	7 200609P1-11	Standard	149.200	6.17	14407.990	11019.592	16.344	142.1	-4.8	NO		NO	bb
8	8 200609P1-12	Standard	149.200	6.17	15491.027	10877.285	17.802	154.8	3.7	NO		NO	bb
9	9 200609P1-13	Standard	149.200	6.17	14912.172	10652.410	17.499	152.1	2.0	NO		NO	bb
10	10 200609P1-14	Standard	149.200	6.17	14510.521	8938.677	20.292	176.4	18.2	NO		NO	bb

Compound name: d9-N-EtFOSE-EIS
Response Factor: 110.165
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	149.200	6.33	13570.013		13570.013	123.2	-17.4	NO		NO	bbX
2	2 200609P1-6	Standard	149.200	6.33	15550.367		15550.367	141.2	-5.4	NO		NO	bbX
3	3 200609P1-7	Standard	149.200	6.33	16011.062		16011.062	145.3	-2.6	NO		NO	bbX
4	4 200609P1-8	Standard	149.200	6.33	16393.041		16393.041	148.8	-0.3	NO		NO	bbX
5	5 200609P1-9	Standard	149.200	6.33	15899.277		15899.277	144.3	-3.3	NO		NO	bbX
6	6 200609P1-10	Standard	149.200	6.33	16436.625		16436.625	149.2	0.0	NO		NO	bb
7	7 200609P1-11	Standard	149.200	6.32	16644.445		16644.445	151.1	1.3	NO		NO	bbX
8	8 200609P1-12	Standard	149.200	6.32	15715.155		15715.155	142.7	-4.4	NO		NO	bbX
9	9 200609P1-13	Standard	149.200	6.32	16890.629		16890.629	153.3	2.8	NO		NO	bbX
10	10 200609P1-14	Standard	149.200	6.32	15442.972		15442.972	140.2	-6.0	NO		NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.12549
RRF SD: 0.00865059, Relative SD: 6.89346
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	149.200	6.33	13570.013	10077.018	16.833	134.1	-10.1	NO		NO	bb
2	2	200609P1-6	Standard	149.200	6.33	15550.367	10801.176	17.996	143.4	-3.9	NO		NO	bb
3	3	200609P1-7	Standard	149.200	6.33	16011.062	11195.342	17.877	142.5	-4.5	NO		NO	bb
4	4	200609P1-8	Standard	149.200	6.33	16393.041	11033.296	18.572	148.0	-0.8	NO		NO	bb
5	5	200609P1-9	Standard	149.200	6.33	15899.277	10762.334	18.466	147.2	-1.4	NO		NO	bb
6	6	200609P1-10	Standard	149.200	6.33	16436.625	10739.974	19.130	152.4	2.2	NO		NO	bb
7	7	200609P1-11	Standard	149.200	6.32	16644.445	11019.592	18.881	150.5	0.8	NO		NO	bb
8	8	200609P1-12	Standard	149.200	6.32	15715.155	10877.285	18.060	143.9	-3.5	NO		NO	bb
9	9	200609P1-13	Standard	149.200	6.32	16890.629	10652.410	19.820	157.9	5.9	NO		NO	bb
10	10	200609P1-14	Standard	149.200	6.32	15442.972	8938.677	21.596	172.1	15.3	NO		NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	1.18	4333.401	4333.401	12.500	12.5	0.0	NO		NO	bb
2	2	200609P1-6	Standard	12.500	1.17	4356.127	4356.127	12.500	12.5	0.0	NO		NO	bb
3	3	200609P1-7	Standard	12.500	1.17	4568.246	4568.246	12.500	12.5	0.0	NO		NO	bb
4	4	200609P1-8	Standard	12.500	1.17	4684.527	4684.527	12.500	12.5	0.0	NO		NO	bb
5	5	200609P1-9	Standard	12.500	1.17	4505.628	4505.628	12.500	12.5	0.0	NO		NO	bb
6	6	200609P1-10	Standard	12.500	1.17	4548.492	4548.492	12.500	12.5	0.0	NO		NO	db
7	7	200609P1-11	Standard	12.500	1.17	4639.962	4639.962	12.500	12.5	0.0	NO		NO	bb
8	8	200609P1-12	Standard	12.500	1.17	4386.644	4386.644	12.500	12.5	0.0	NO		NO	bb
9	9	200609P1-13	Standard	12.500	1.17	4742.814	4742.814	12.500	12.5	0.0	NO		NO	bb
10	10	200609P1-14	Standard	12.500	1.17	4645.220	4645.220	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	2.90	10434.532	10434.532	12.500	12.5	0.0	NO		NO	MM
2	2	200609P1-6	Standard	12.500	2.89	11986.885	11986.885	12.500	12.5	0.0	NO		NO	bb
3	3	200609P1-7	Standard	12.500	2.89	12311.056	12311.056	12.500	12.5	0.0	NO		NO	bb
4	4	200609P1-8	Standard	12.500	2.89	12198.222	12198.222	12.500	12.5	0.0	NO		NO	bb
5	5	200609P1-9	Standard	12.500	2.88	11968.522	11968.522	12.500	12.5	0.0	NO		NO	bb
6	6	200609P1-10	Standard	12.500	2.89	11959.610	11959.610	12.500	12.5	0.0	NO		NO	MM
7	7	200609P1-11	Standard	12.500	2.89	11883.216	11883.216	12.500	12.5	0.0	NO		NO	bb
8	8	200609P1-12	Standard	12.500	2.88	12563.646	12563.646	12.500	12.5	0.0	NO		NO	MM
9	9	200609P1-13	Standard	12.500	2.89	12017.022	12017.022	12.500	12.5	0.0	NO		NO	bb
10	10	200609P1-14	Standard	12.500	2.89	11434.747	11434.747	12.500	12.5	0.0	NO		NO	MM

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200609P1-5	Standard	12.500	3.65	755.527	755.527	12.500	12.5	0.0	NO		NO	bb
2	2	200609P1-6	Standard	12.500	3.65	836.948	836.948	12.500	12.5	0.0	NO		NO	bb
3	3	200609P1-7	Standard	12.500	3.65	962.286	962.286	12.500	12.5	0.0	NO		NO	bb
4	4	200609P1-8	Standard	12.500	3.65	860.457	860.457	12.500	12.5	0.0	NO		NO	bb
5	5	200609P1-9	Standard	12.500	3.65	849.347	849.347	12.500	12.5	0.0	NO		NO	bb
6	6	200609P1-10	Standard	12.500	3.65	832.343	832.343	12.500	12.5	0.0	NO		NO	bb
7	7	200609P1-11	Standard	12.500	3.65	800.821	800.821	12.500	12.5	0.0	NO		NO	bb
8	8	200609P1-12	Standard	12.500	3.64	941.063	941.063	12.500	12.5	0.0	NO		NO	bb
9	9	200609P1-13	Standard	12.500	3.65	803.848	803.848	12.500	12.5	0.0	NO		NO	bb
10	10	200609P1-14	Standard	12.500	3.64	776.644	776.644	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.01	10405.146	10405.146	12.500	12.5	0.0	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.01	11198.851	11198.851	12.500	12.5	0.0	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.01	11589.831	11589.831	12.500	12.5	0.0	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.01	10804.885	10804.885	12.500	12.5	0.0	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.01	10484.470	10484.470	12.500	12.5	0.0	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.01	10853.781	10853.781	12.500	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.01	10630.041	10630.041	12.500	12.5	0.0	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.01	10293.774	10293.774	12.500	12.5	0.0	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.01	10037.095	10037.095	12.500	12.5	0.0	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.01	9123.921	9123.921	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.45	10414.008	10414.008	12.500	12.5	0.0	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.45	12142.415	12142.415	12.500	12.5	0.0	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.45	12282.746	12282.746	12.500	12.5	0.0	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.45	12046.663	12046.663	12.500	12.5	0.0	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.45	12041.276	12041.276	12.500	12.5	0.0	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.45	12016.892	12016.892	12.500	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.45	12082.297	12082.297	12.500	12.5	0.0	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.44	11868.633	11868.633	12.500	12.5	0.0	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.45	11878.237	11878.237	12.500	12.5	0.0	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.44	10390.071	10390.071	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.54	2323.644	2323.644	12.500	12.5	0.0	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.54	2453.200	2453.200	12.500	12.5	0.0	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.54	2527.403	2527.403	12.500	12.5	0.0	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.54	2549.921	2549.921	12.500	12.5	0.0	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.54	2503.864	2503.864	12.500	12.5	0.0	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.54	2508.059	2508.059	12.500	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.54	2585.035	2585.035	12.500	12.5	0.0	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.53	2232.982	2232.982	12.500	12.5	0.0	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.54	2372.930	2372.930	12.500	12.5	0.0	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.53	2212.155	2212.155	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	4.83	10499.989	10499.989	12.500	12.5	0.0	NO		NO	bb
2	2 200609P1-6	Standard	12.500	4.83	12475.915	12475.915	12.500	12.5	0.0	NO		NO	bb
3	3 200609P1-7	Standard	12.500	4.83	12722.360	12722.360	12.500	12.5	0.0	NO		NO	bb
4	4 200609P1-8	Standard	12.500	4.83	11911.508	11911.508	12.500	12.5	0.0	NO		NO	bb
5	5 200609P1-9	Standard	12.500	4.83	12333.032	12333.032	12.500	12.5	0.0	NO		NO	bb
6	6 200609P1-10	Standard	12.500	4.83	11802.726	11802.726	12.500	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	4.83	11961.063	11961.063	12.500	12.5	0.0	NO		NO	bb
8	8 200609P1-12	Standard	12.500	4.82	11602.925	11602.925	12.500	12.5	0.0	NO		NO	bb
9	9 200609P1-13	Standard	12.500	4.83	11367.349	11367.349	12.500	12.5	0.0	NO		NO	bb
10	10 200609P1-14	Standard	12.500	4.82	10687.139	10687.139	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200609P1-5	Standard	12.500	5.15	10077.018	10077.018	12.500	12.5	0.0	NO		NO	bb
2	2 200609P1-6	Standard	12.500	5.16	10801.176	10801.176	12.500	12.5	0.0	NO		NO	bb
3	3 200609P1-7	Standard	12.500	5.16	11195.342	11195.342	12.500	12.5	0.0	NO		NO	bb
4	4 200609P1-8	Standard	12.500	5.15	11033.296	11033.296	12.500	12.5	0.0	NO		NO	bb
5	5 200609P1-9	Standard	12.500	5.15	10762.334	10762.334	12.500	12.5	0.0	NO		NO	bb
6	6 200609P1-10	Standard	12.500	5.16	10739.974	10739.974	12.500	12.5	0.0	NO		NO	bb
7	7 200609P1-11	Standard	12.500	5.15	11019.592	11019.592	12.500	12.5	0.0	NO		NO	bb
8	8 200609P1-12	Standard	12.500	5.15	10877.285	10877.285	12.500	12.5	0.0	NO		NO	bb
9	9 200609P1-13	Standard	12.500	5.15	10652.410	10652.410	12.500	12.5	0.0	NO		NO	bb
10	10 200609P1-14	Standard	12.500	5.15	8938.677	8938.677	12.500	12.5	0.0	NO		NO	bb

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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:20:45 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9991	NO	
2	2	PFPrS	51	0.9984	NO	
3	3	3:3 FTCA	49	0.9992	NO	
4	4	PFPeA	49	0.9992	NO	
5	5	PFBS	51	0.9987	NO	
6	6	4:2 FTS	55	0.9989	NO	
7	7	PFHxA	57	0.9967	NO	
8	8	PFPeS	51	0.9972	NO	
9	9	HFPO-DA	53	0.9985	NO	
10	10	5:3 FTCA	59	0.9987	NO	
11	11	PFHpA	59	0.9954	NO	
12	12	ADONA	59	0.9969	NO	
13	13	L-PFHxS	61	0.9990	NO	
14	15	6:2 FTS	63	0.9961	NO	
15	16	L-PFOA	69	0.9979	NO	
16	18	PFecHS	69	0.9994	NO	
17	19	PFHpS	71	0.9976	NO	
18	20	7:3 FTCA	65	0.9985	NO	
19	21	PFNA	65	0.9983	NO	
20	22	PFOSA	67	0.9984	NO	
21	23	L-PFOS	71	0.9991	NO	
22	25	9Cl-PF3ONS	71	0.9978	NO	
23	26	PFDA	73	0.9996	NO	
24	27	8:2 FTS	75	0.9620	YES	
25	28	PFNS	71	0.9979	NO	
26	29	L-MeFOSAA	77	0.9989	NO	

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:27:12 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	81	0.9995	NO	
2	33	PFUdA	79	0.9976	NO	
3	34	PFDS	71	0.9981	NO	
4	35	11Cl-PF30UdS	83	0.9989	NO	
5	36	10:2 FTS	85	0.9967	NO	
6	37	PFDoA	83	0.9983	NO	
7	38	N-MeFOSA	87	0.9980	NO	
8	39	PFTrDA	83	0.9989	NO	
9	40	PFDoS	89	0.9990	NO	
10	41	PFTeDA	89	0.9985	NO	
11	42	N-EtFOSA	91	0.9998	NO	
12	43	PFHxDA	93	0.9985	NO	
13	44	PFODA	93	0.9991	NO	
14	45	N-MeFOSE	95	0.9998	NO	
15	46	N-EtFOSE	97	0.9991	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	99		NO	2.554
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	100		NO	3.822
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	101		NO	7.990
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	100		NO	5.081
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	101		NO	8.260
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	100		NO	6.237
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	100		NO	5.374
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	101		NO	6.203
32	63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:27:12 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
33	64	13C2-6:2 FTS-RSD	104		NO	4.707
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	103		NO	2.561
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	106		NO	5.979
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	102		NO	4.256
40	71	13C8-PFOS-EIS			NO	0.000
41	72	13C8-PFOS-RSD	104		NO	4.508
42	73	13C2-PFDA-EIS			NO	0.000
43	74	13C2-PFDA-RSD	105		NO	4.804
44	75	13C2-8:2 FTS-EIS			NO	0.000
45	76	13C2-8:2 FTS-RSD	104		NO	6.164
46	77	d3-N-MeFOSAA-EIS			NO	0.000
47	78	d3-N-MeFOSAA-RSD	106		NO	7.305
48	79	13C2-PFUdA-EIS			NO	0.000
49	80	13C2-PFUdA-RSD	106		NO	3.748
50	81	d5-N-EtFOSAA-EIS			NO	0.000
51	82	d5-N-EtFOSAA-RSD	106		NO	1.911
52	83	13C2-PFDoA-EIS			NO	0.000
53	84	13C2-PFDoA-RSD	105		NO	4.993
54	85	13C2-10:2 FTS-EIS			NO	0.000
55	86	13C2-10:2 FTS-RSD	104		NO	10.202
56	87	d3-N-MeFOSA-EIS			NO	0.000
57	88	d3-N-MeFOSA-RSD	106		NO	7.699
58	89	13C2-PFTeDA-EIS			NO	0.000
59	90	13C2-PFTeDA-RSD	106		NO	2.310
60	91	d5-N-ETFOSA-EIS			NO	0.000
61	92	d5-N-ETFOSA-RSD	106		NO	3.511
62	93	13C2-PFHxDA-EIS			NO	0.000
63	94	13C2-PFHxDA-RSD	106		NO	3.391
64	95	d7-N-MeFOSE-EIS			NO	0.000
65	96	d7-N-MeFOSE-RSD	106		NO	7.404
66	97	d9-N-EtFOSE-EIS			NO	0.000
67	98	d9-N-EtFOSE-RSD	106		NO	6.893
68	99	13C4-PFBA	99		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:27:12 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
69	1...	13C5-PFHxA	100		NO	0.000
70	1...	18O2-PFHxS	101		NO	0.000
71	1...	13C8-PFOA	102		NO	0.000
72	1...	13C9-PFNA	103		NO	0.000
73	1...	13C4-PFOS	104		NO	0.000
74	1...	13C6-PFDA	105		NO	0.000
75	1...	13C7-PFUdA	106		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:38:15 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:38:26 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 10:38:13
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.17	1.17			
2	2	PFPrS	1.53	1.49	2.764	2.764	NO
3	3	3:3 FTCA	1.96	1.96	3.307	3.307	NO
4	4	PFPeA	2.09	2.09			
5	5	PFBS	2.37	2.37	2.529	2.529	NO
6	6	4:2 FTS	2.81	2.81	12.285	12.285	NO
7	7	PFHxA	2.89	2.89	24.347	24.347	NO
8	8	PFPeS	3.08	3.10	2.090	2.090	NO
9	9	HFPO-DA	3.11	3.11	2.314	2.314	NO
10	10	5:3 FTCA	3.46	3.45	1.687	1.687	NO
11	11	PFHpA	3.51	3.51	51.556	51.556	NO
12	12	ADONA	3.60	3.62	4.312	4.312	NO
13	13	L-PFHxS	3.65	3.65	4.161	4.161	NO
14	15	6:2 FTS	3.96	3.96	0.773	0.773	NO
15	16	L-PFOA	4.01	4.01	3.357	3.357	NO
16	18	PFecHS	4.03	4.02	0.553	0.553	NO
17	19	PFHpS	4.17	4.13	1.768	1.768	NO
18	20	7:3 FTCA	4.44	4.44	1.372	1.372	NO
19	21	PFNA	4.45	4.45	13.882	13.882	NO
20	22	PFOSA	4.50	4.50	20.410	20.410	NO
21	23	L-PFOS	4.54	4.54	2.593	2.593	NO
22	25	9Cl-PF30NS	4.74	4.76	32.581	32.581	NO
23	26	PFDA	4.83	4.83	4.861	4.861	NO
24	27	8:2 FTS	4.80	4.80	0.672	0.672	NO
25	28	PFNS	4.87	4.89	2.464	2.464	NO
26	29	L-MeFOSAA	4.98	4.98	1.875	1.875	NO

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:38:15 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:39:02 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 10:38:13
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.14	5.14	1.275	1.275	NO
2	33	PFUdA	5.16	5.16	18.294	18.294	NO
3	34	PFDS	5.15	5.21	2.305	2.305	NO
4	35	11Cl-PF30UdS	5.37	5.37	15.221	15.221	NO
5	36	10:2 FTS	5.42	5.42	1.182	1.182	NO
6	37	PFDoA	5.44	5.44	10.296	10.296	NO
7	38	N-MeFOSA	5.49	5.48	1.765	1.765	NO
8	39	PFTrDA	5.68	5.68	106.703	106.703	NO
9	40	PFDoS	5.71	5.71	1.983	1.983	NO
10	41	PFTeDA	5.90	5.90	15.702	15.702	NO
11	42	N-EtFOSA	5.93	5.93	1.859	1.859	NO
12	43	PFHxDA	6.25	6.25	32.719	32.719	NO
13	44	PFODA	6.46	6.50			
14	45	N-MeFOSE	6.17	6.18			
15	46	N-EtFOSE	6.33	6.34			

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Dataset: Untitled

Last Altered: Wednesday, June 10, 2020 10:40:21 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:40:30 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200609P1-1	IPA	09-Jun-20	13:12:39
2	2	200609P1-2	TEST	09-Jun-20	13:23:13
3	3	200609P1-3	IPA	09-Jun-20	13:33:42
4	4	200609P1-4	IPA	09-Jun-20	13:44:11
5	5	200609P1-5	ST200609P1-1 PFC CS-2 20E2701	09-Jun-20	13:55:31
6	6	200609P1-6	ST200609P1-2 PFC CS-1 20E2702	09-Jun-20	14:06:03
7	7	200609P1-7	ST200609P1-3 PFC CS0 20F0201	09-Jun-20	14:16:31
8	8	200609P1-8	ST200609P1-4 PFC CS1 20E2704	09-Jun-20	14:27:03
9	9	200609P1-9	ST200609P1-5 PFC CS2 20E2705	09-Jun-20	14:37:34
10	10	200609P1-10	ST200609P1-6 PFC CS3 20E2706	09-Jun-20	14:48:02
11	11	200609P1-11	ST200609P1-7 PFC CS4 20F0303	09-Jun-20	14:58:34
12	12	200609P1-12	ST200609P1-8 PFC CS5 20E2708	09-Jun-20	15:09:03
13	13	200609P1-13	ST200609P1-9 PFC CS6 20E2709	09-Jun-20	15:19:35
14	14	200609P1-14	ST200609P1-10 PFC CS7 20E2710	09-Jun-20	15:30:14
15	15	200609P1-15	IB	09-Jun-20	15:40:42
16	16	200609P1-16	ICV200609P1-1 PFC ICV 20E2711	09-Jun-20	15:51:14
17	17	200609P1-17	IB	09-Jun-20	16:01:42

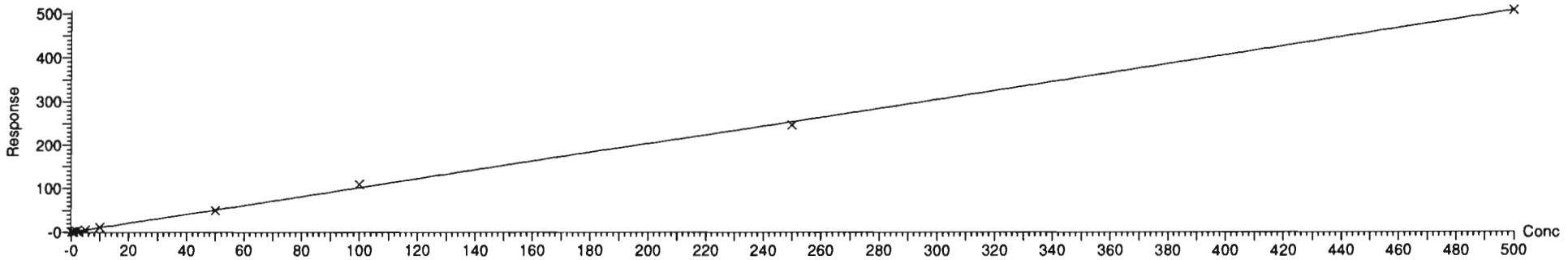
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

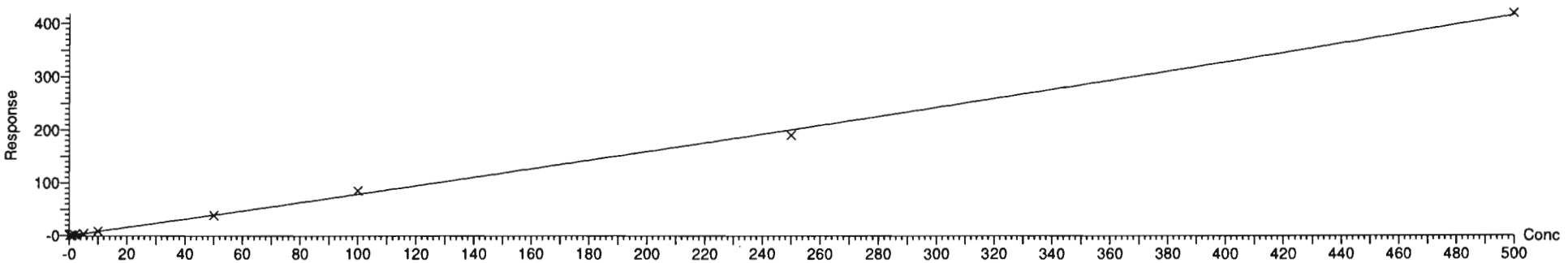
Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:29:49 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Compound name: PFBA
Correlation coefficient: r = 0.999544, r^2 = 0.999088
Calibration curve: 1.01586 * x + 0.075389
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



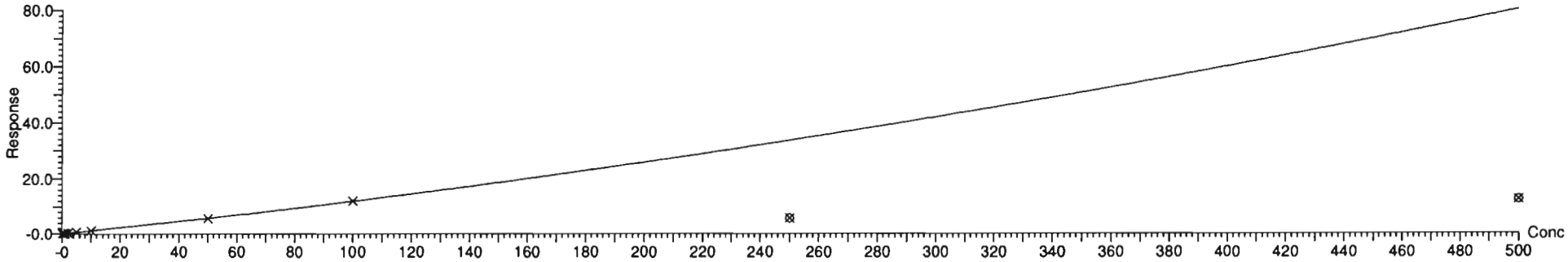
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.998387
Calibration curve: 0.000121758 * x^2 + 0.76894 * x + 0.023112
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



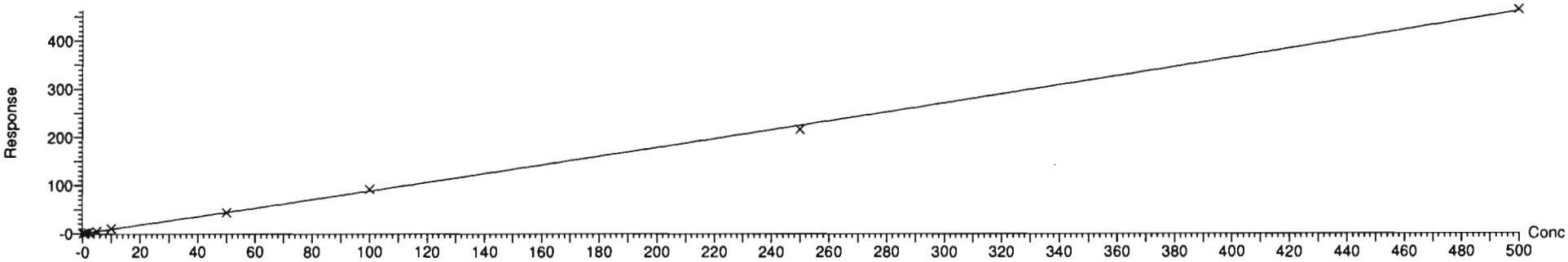
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:29:49 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999222
Calibration curve: 0.000103328 * x^2 + 0.108725 * x + -0.000319173
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999232
Calibration curve: 9.08086e-005 * x^2 + 0.874708 * x + 0.056203
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

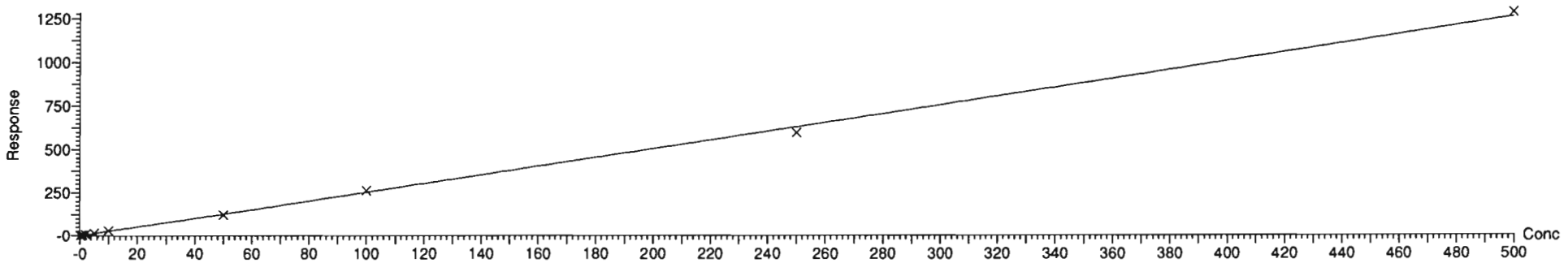


Vista Analytical Laboratory Q1

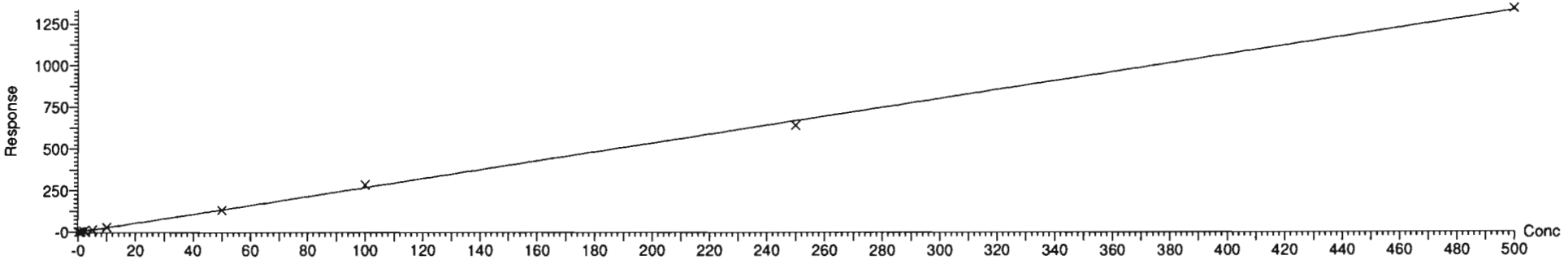
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:29:49 Pacific Daylight Time

Compound name: PFBS
Correlation coefficient: r = 0.999330, r^2 = 0.998660
Calibration curve: 2.51817 * x + 0.0561925
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



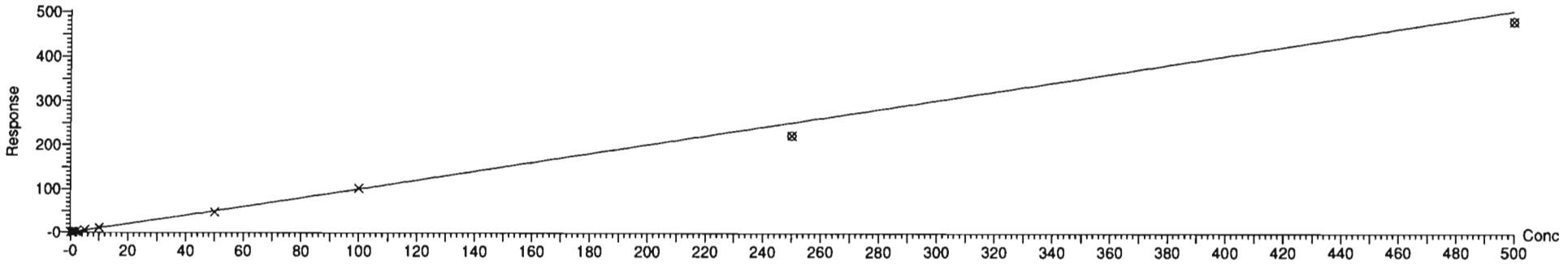
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998877
Calibration curve: -6.43193e-005 * x^2 + 2.68653 * x + 0.106384
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



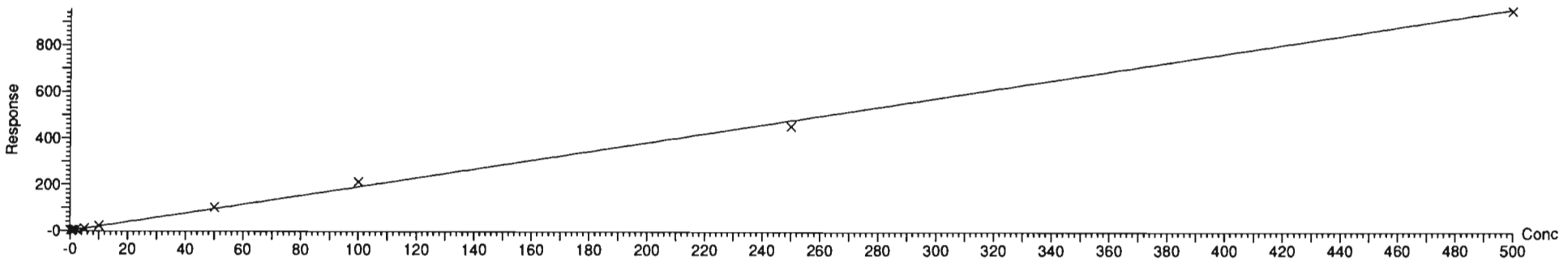
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:29:49 Pacific Daylight Time

Compound name: PFHxA
Correlation coefficient: r = 0.998367, r^2 = 0.996737
Calibration curve: 1.00999 * x + -0.0199134
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPeS
Correlation coefficient: r = 0.998605, r^2 = 0.997211
Calibration curve: 1.91608 * x + 0.175515
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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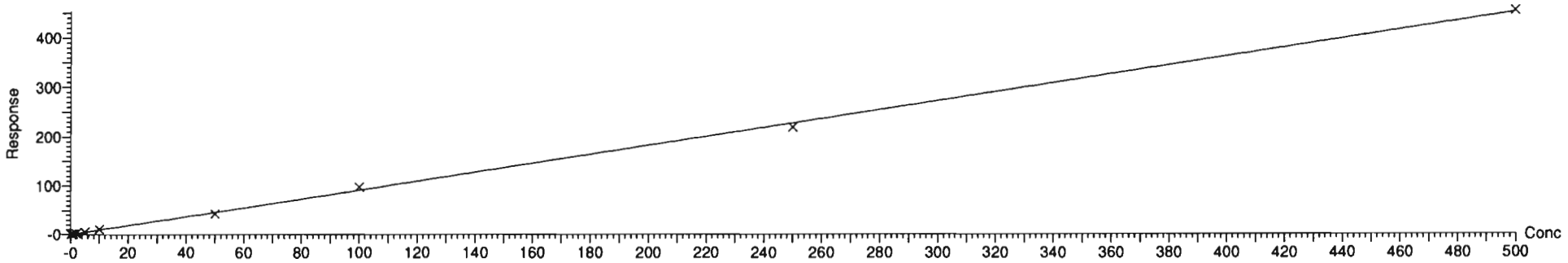
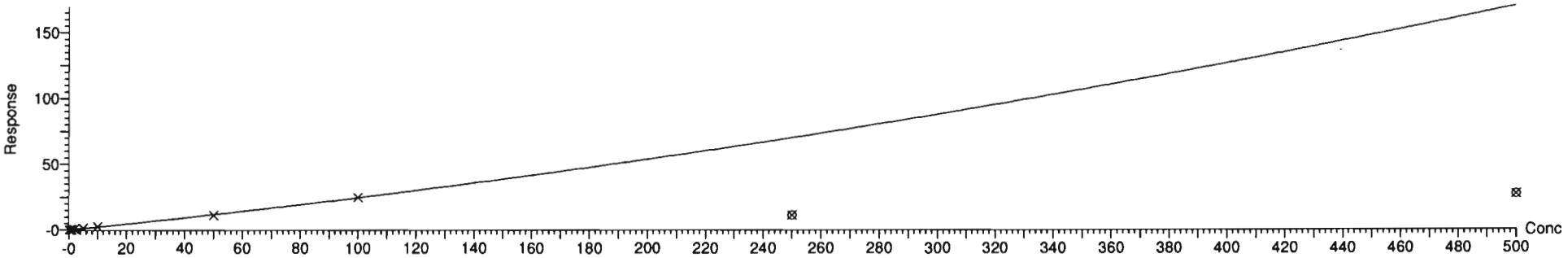
Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998510
Calibration curve: -2.83918e-005 * x^2 + 0.9165 * x + 0.0275604
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998698
Calibration curve: 0.000238247 * x^2 + 0.220208 * x + 0.0126425
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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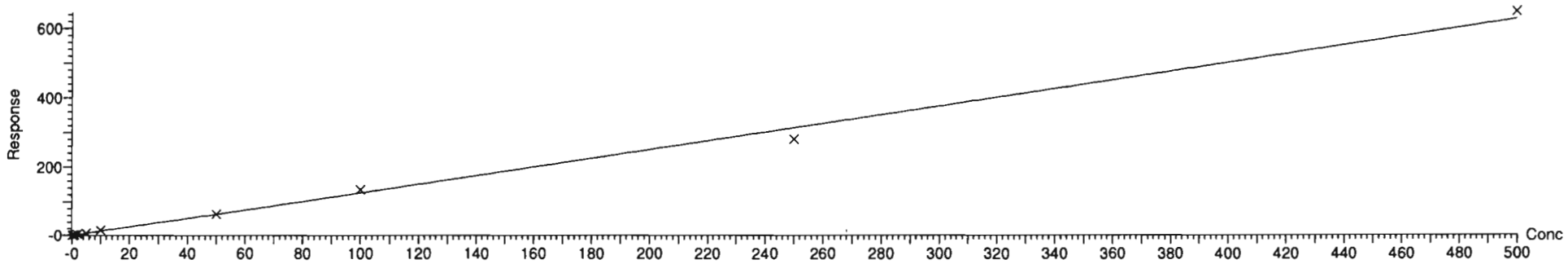
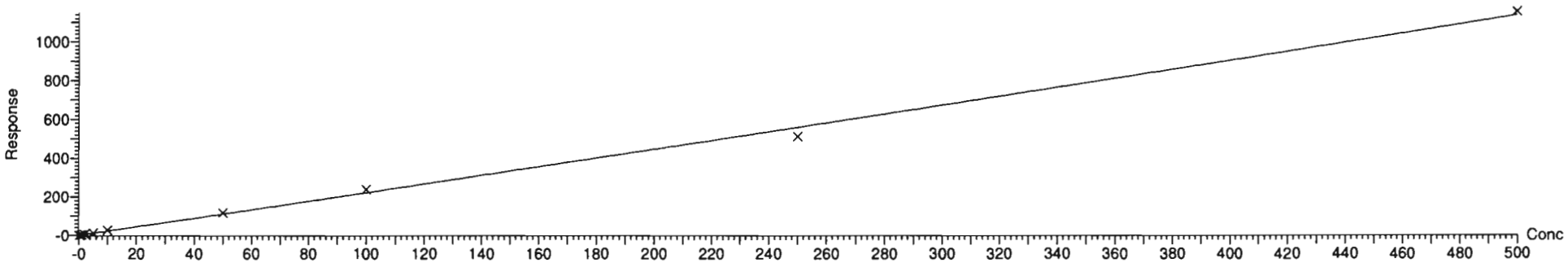
Compound name: PFHpA
Correlation coefficient: r = 0.997674, r^2 = 0.995353
Calibration curve: 1.25266 * x + 0.0348167
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: ADONA
Coefficient of Determination: R^2 = 0.996889
Calibration curve: 0.000143655 * x^2 + 2.19802 * x + 0.221757
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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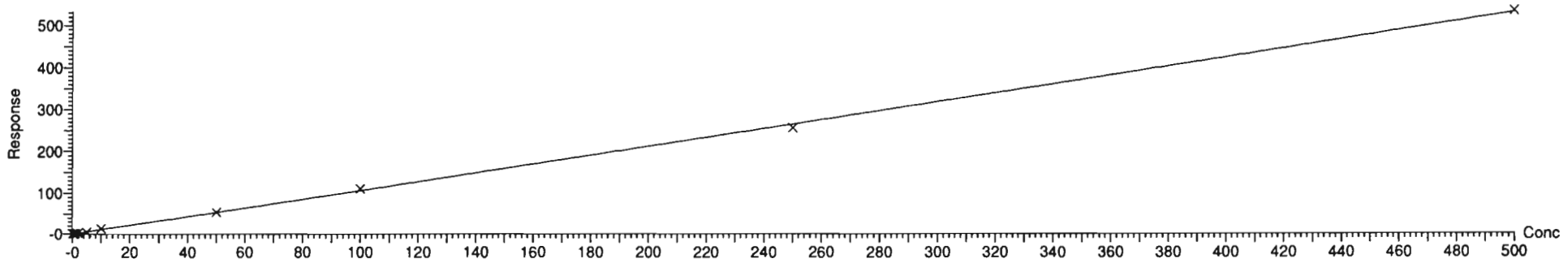
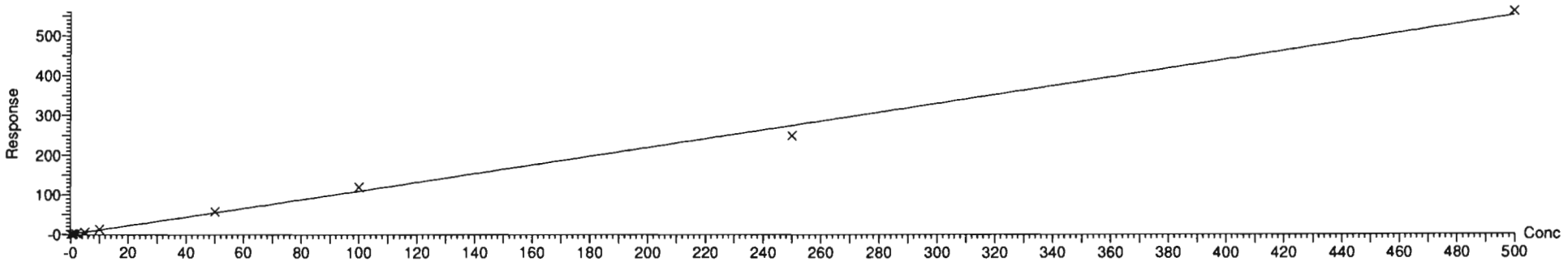
Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999039
Calibration curve: 1.18962e-006 * x^2 + 1.06079 * x + -0.0907315
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.996073
Calibration curve: 2.3949e-005 * x^2 + 1.08784 * x + 0.0938103
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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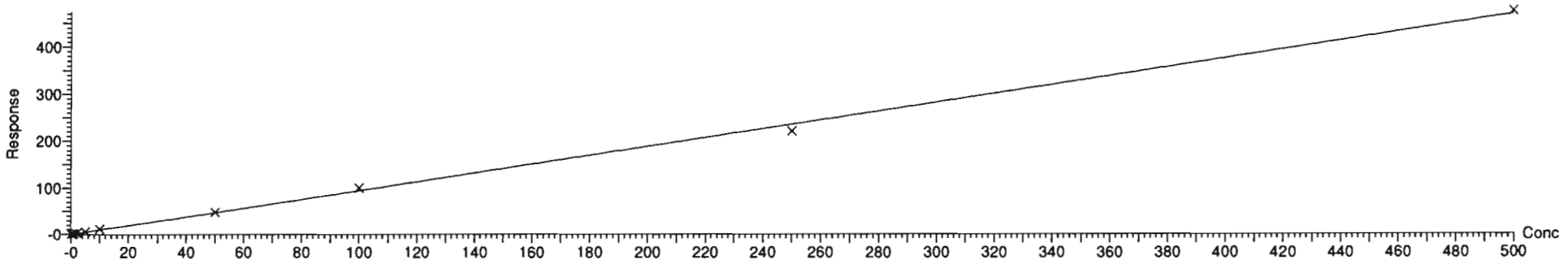
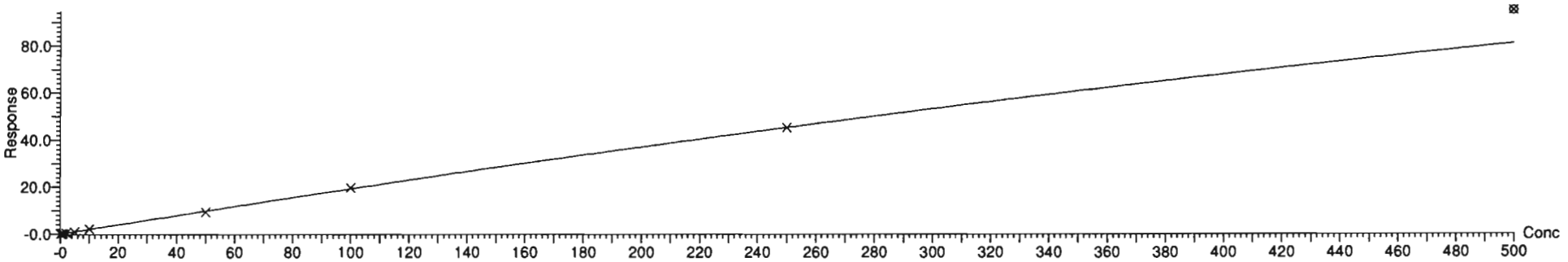
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.997942
Calibration curve: -8.83181e-006 * x^2 + 0.94291 * x + 0.119621
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999406
Calibration curve: -7.82566e-005 * x^2 + 0.200689 * x + -0.00385679
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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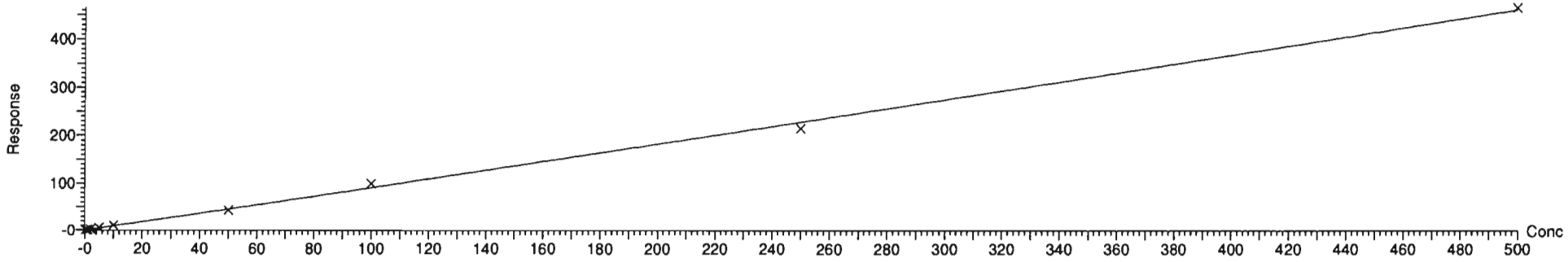
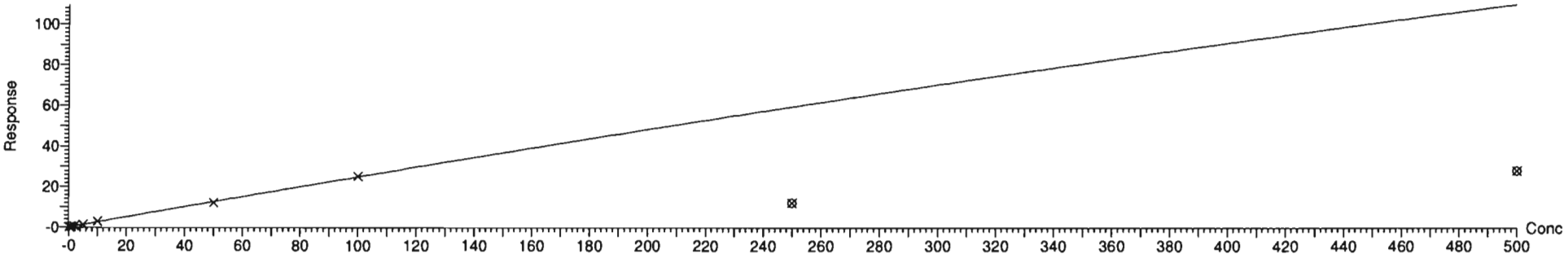
Compound name: PFHpS
Coefficient of Determination: R^2 = 0.997629
Calibration curve: 3.58555e-005 * x^2 + 0.905089 * x + 0.104933
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998547
Calibration curve: -7.27458e-005 * x^2 + 0.256164 * x + -0.0156624
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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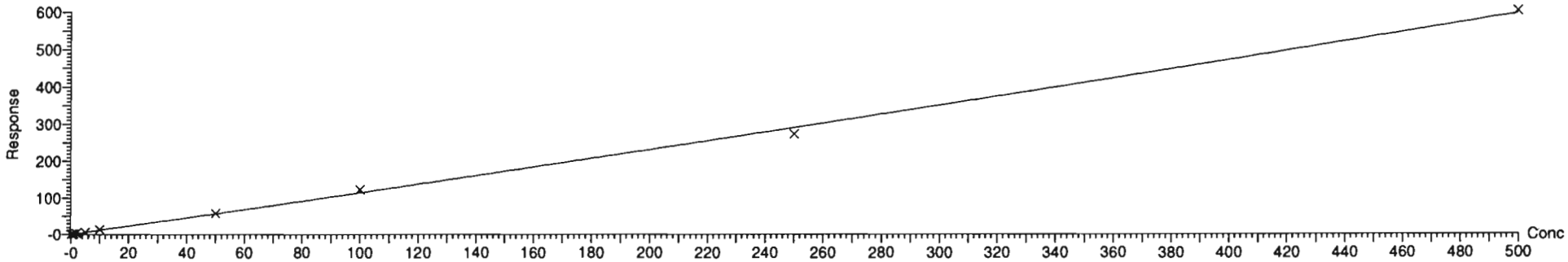
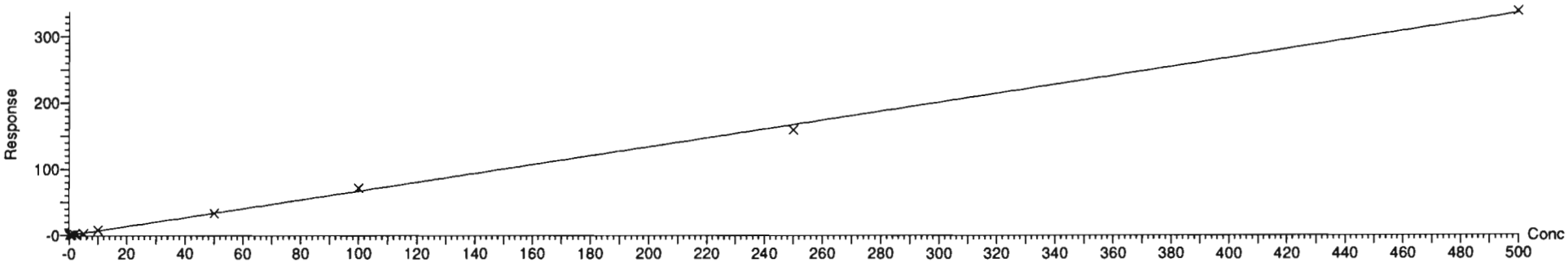
Compound name: PFNA
Coefficient of Determination: R^2 = 0.998261
Calibration curve: 0.000128346 * x^2 + 1.12725 * x + 0.141076
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998429
Calibration curve: 5.94335e-006 * x^2 + 0.666401 * x + -0.000967618
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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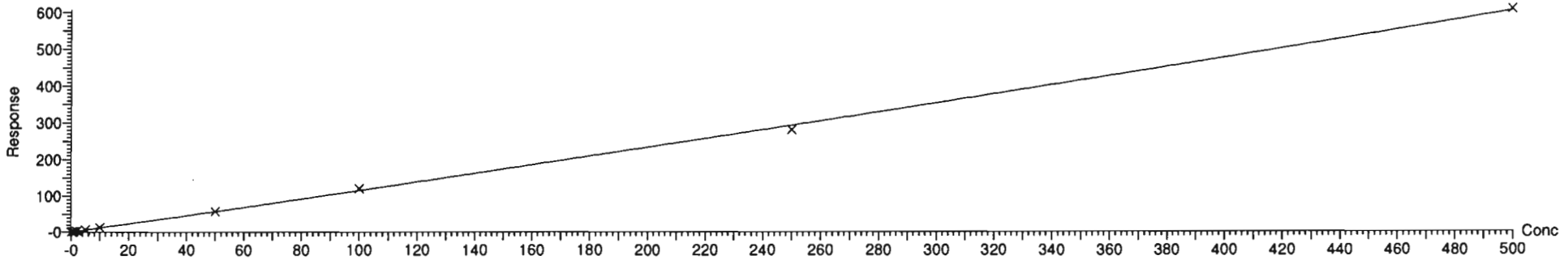
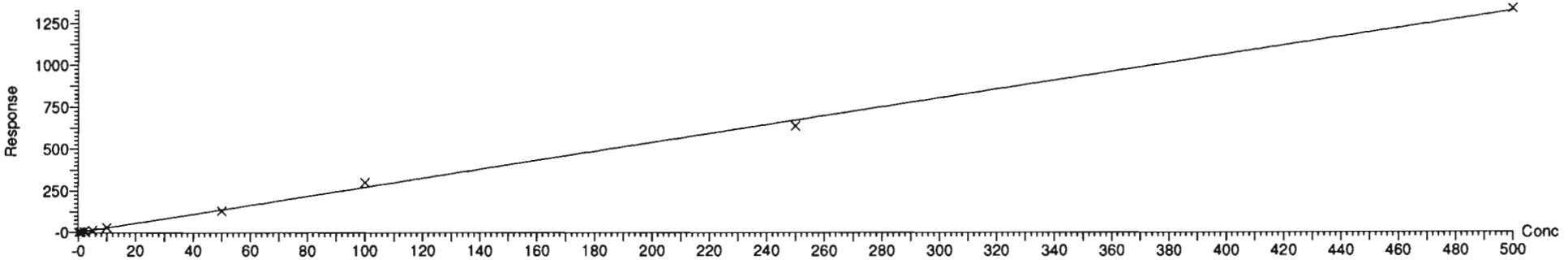
Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999095
Calibration curve: 0.000140969 * x^2 + 1.13471 * x + 0.0973537
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997807
Calibration curve: -0.000157895 * x^2 + 2.71935 * x + 0.100561
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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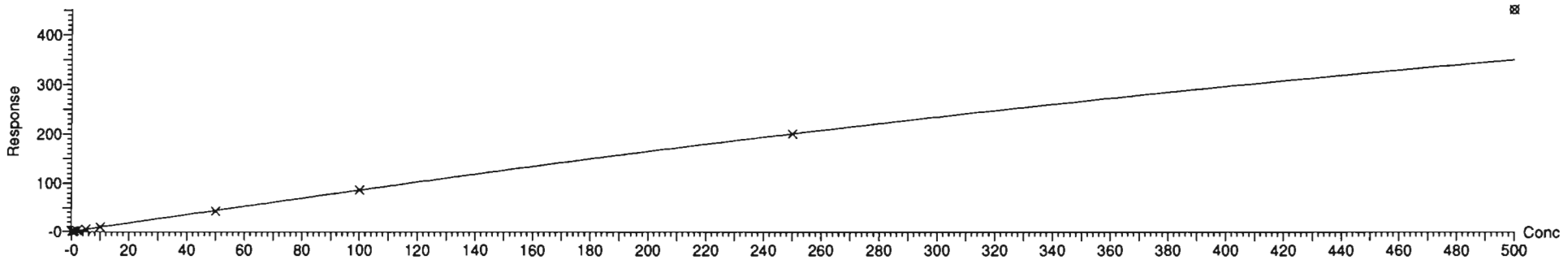
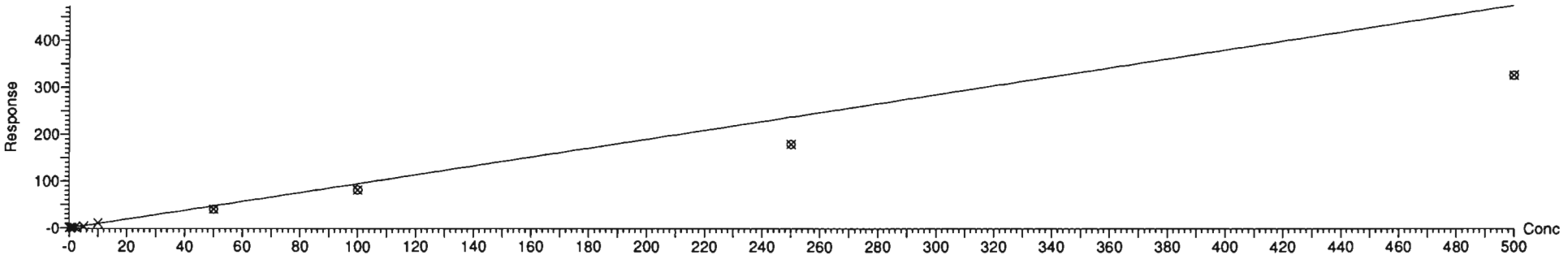
Compound name: PFDA
Coefficient of Determination: R^2 = 0.999638
Calibration curve: -0.000415682 * x^2 + 0.907951 * x + 0.016078
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Correlation coefficient: r = 0.980810, r^2 = 0.961989
Calibration curve: 0.950162 * x + -0.129042
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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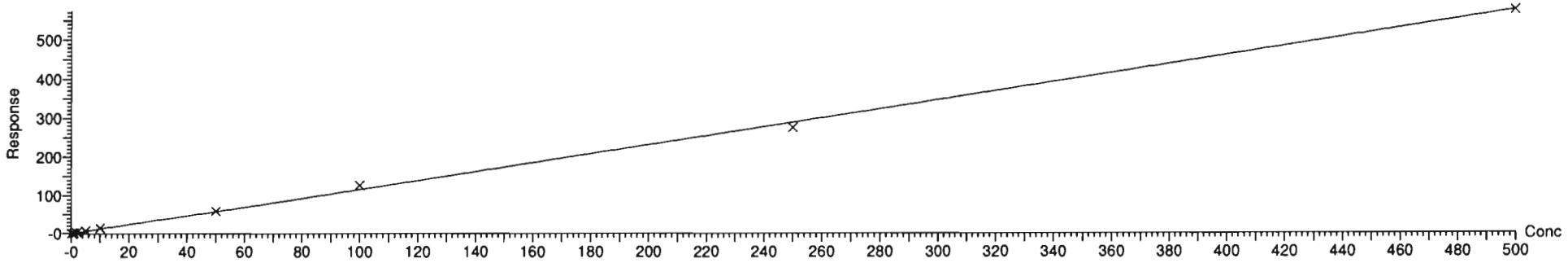
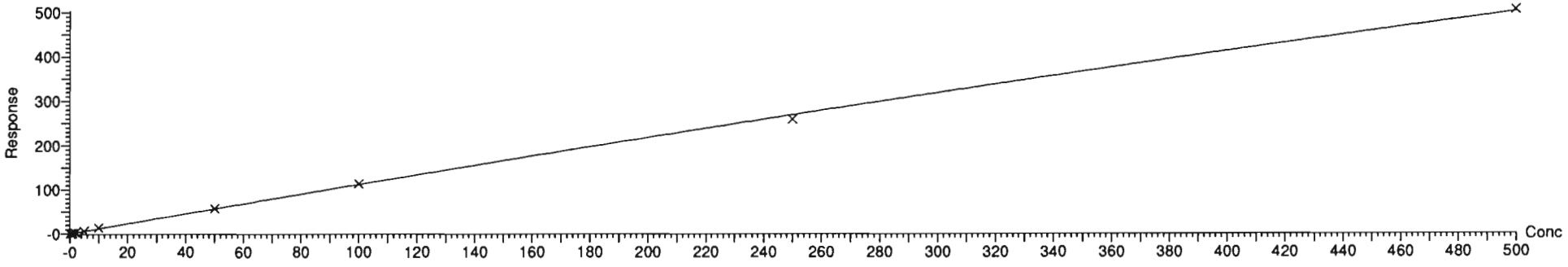
Compound name: PFNS
Correlation coefficient: r = 0.998925, r^2 = 0.997851
Calibration curve: 1.15108 * x + 0.114706
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.998934
Calibration curve: -0.00029318 * x^2 + 1.14654 * x + 0.0486409
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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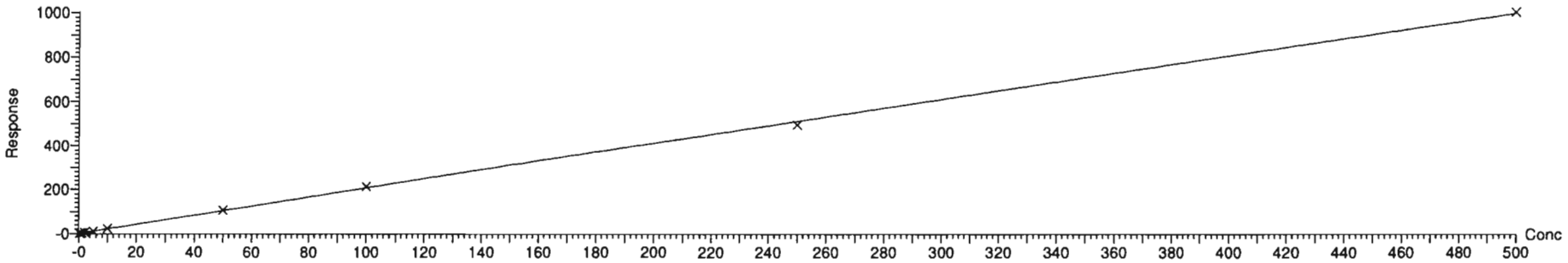
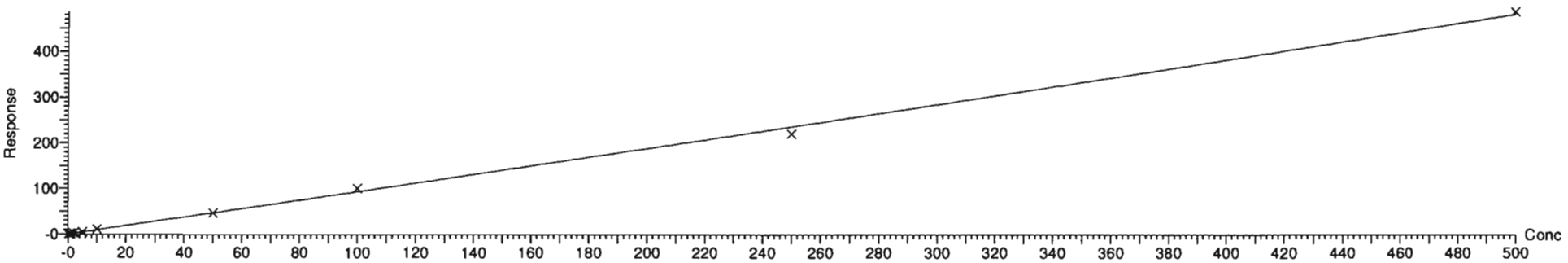
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999522
Calibration curve: -0.000218662 * x^2 + 2.10476 * x + 0.0353295
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.997619
Calibration curve: 7.13999e-005 * x^2 + 0.925882 * x + 0.070513
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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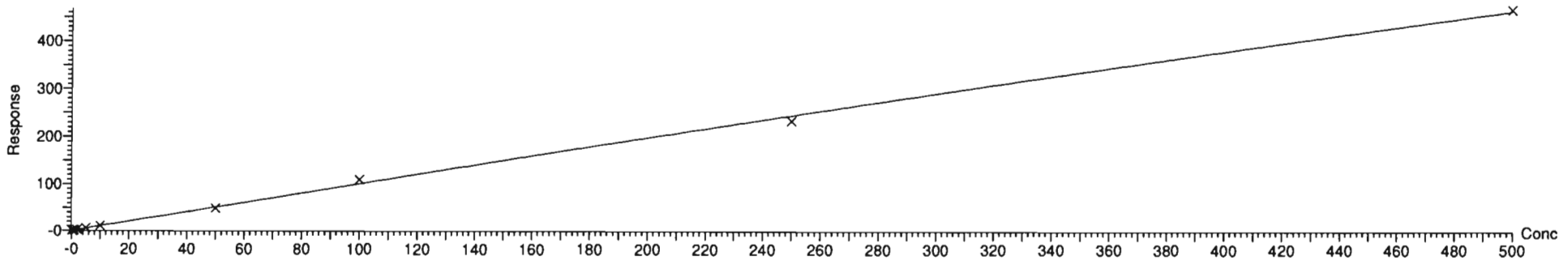
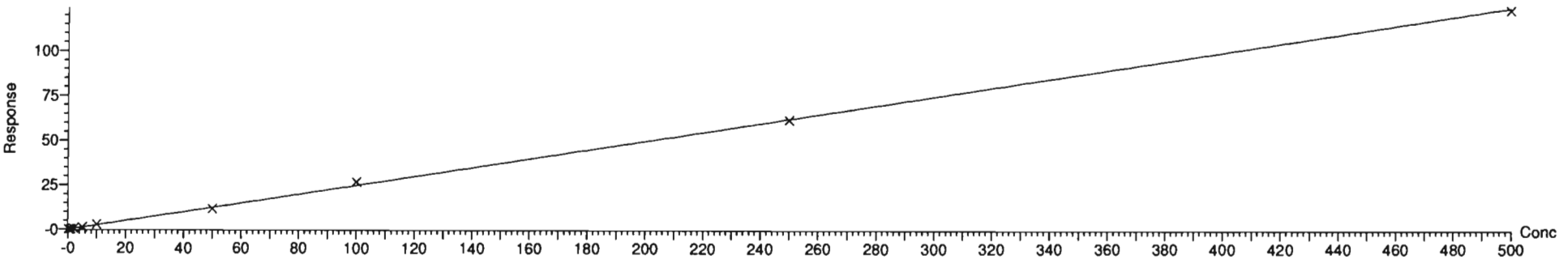
Compound name: PFDS
Coefficient of Determination: R^2 = 0.998075
Calibration curve: -0.000215159 * x^2 + 1.03525 * x + 0.01228
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999453, r^2 = 0.998907
Calibration curve: 0.248686 * x + 0.0250774
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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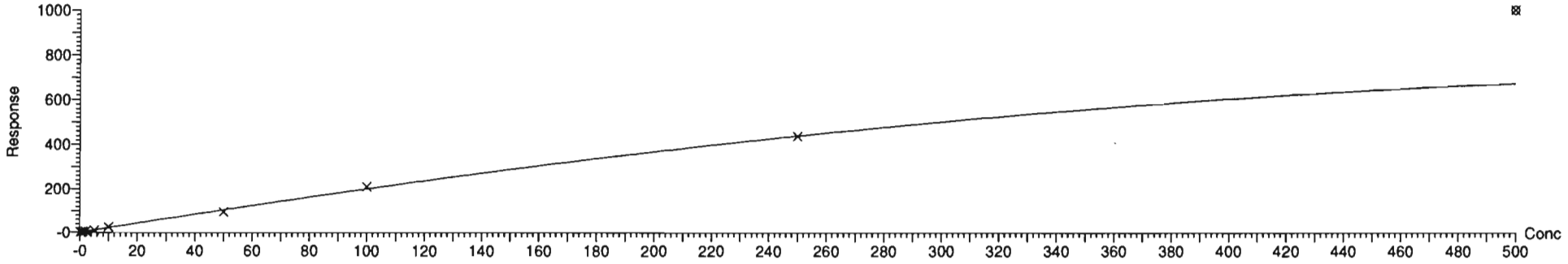
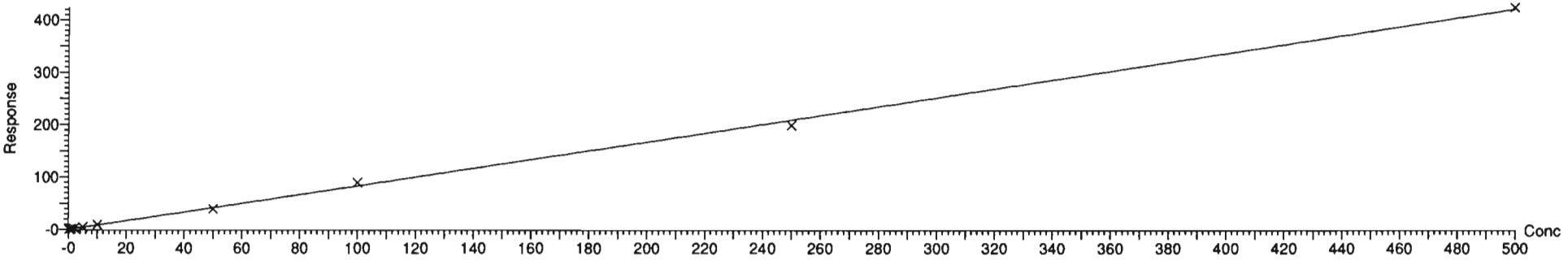
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.996728
Calibration curve: -0.0016454 * x^2 + 2.17091 * x + 0.114961
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998301
Calibration curve: 1.54273e-005 * x^2 + 0.834739 * x + 0.0663404
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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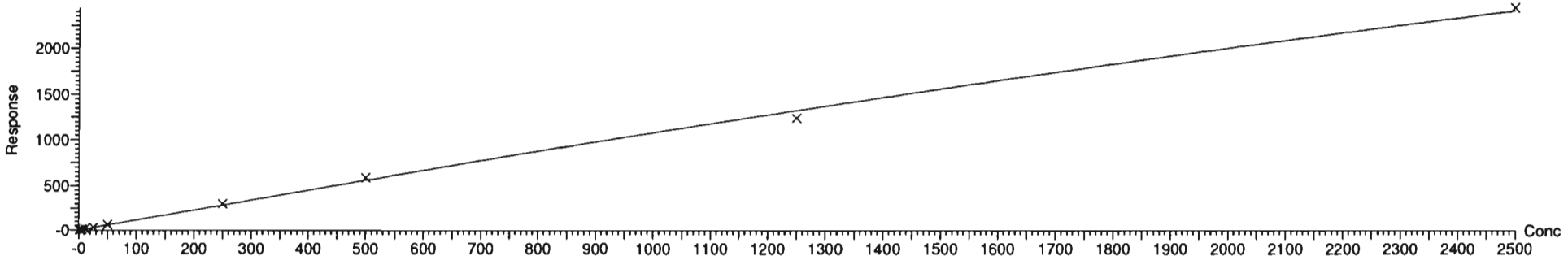
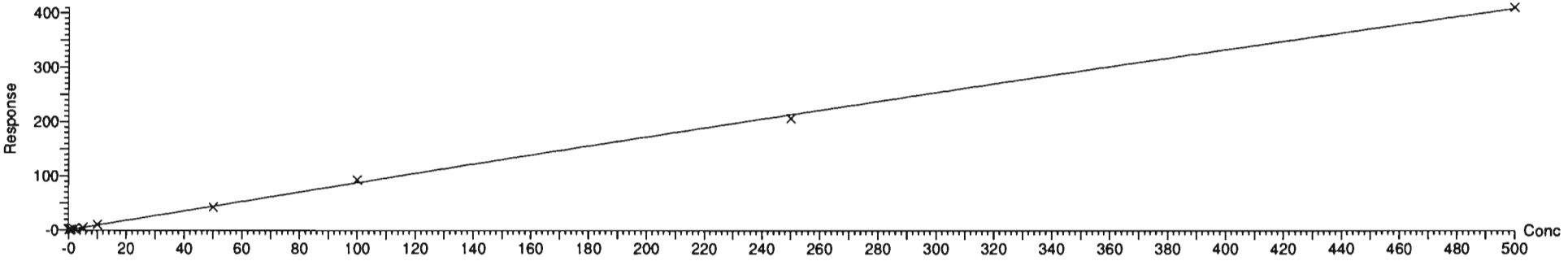
Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.998049
Calibration curve: -7.73482e-005 * x^2 + 1.15598 * x + 0.34892
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.998935
Calibration curve: -0.000148107 * x^2 + 0.890689 * x + 0.131461
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
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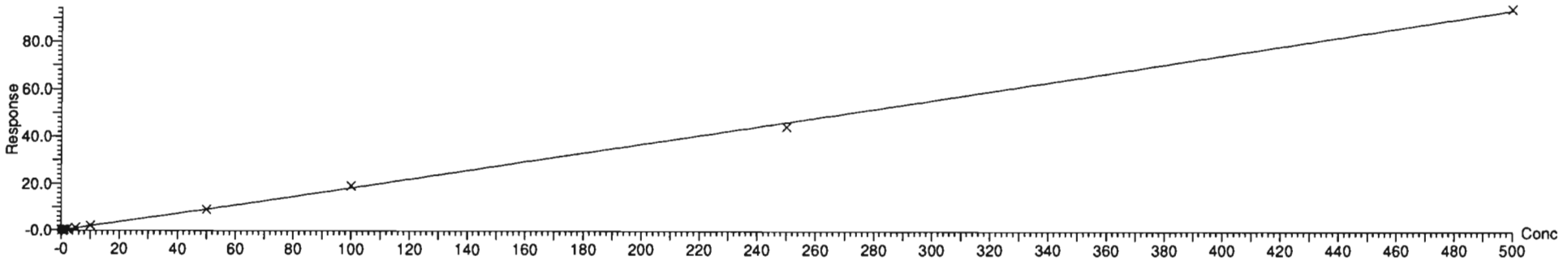
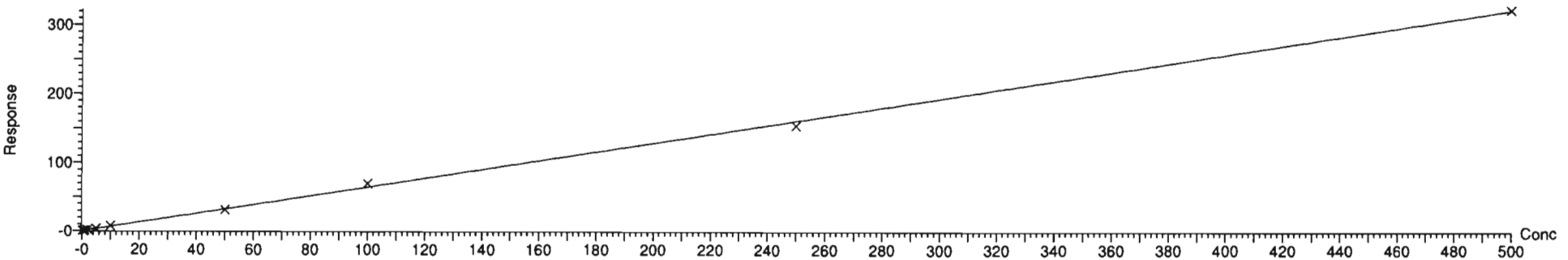
Compound name: PFDoS
Coefficient of Determination: R^2 = 0.998955
Calibration curve: 8.37658e-006 * x^2 + 0.182899 * x + 0.0266521
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTeDA
Correlation coefficient: r = 0.999237, r^2 = 0.998475
Calibration curve: 0.644141 * x + 0.0796066
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



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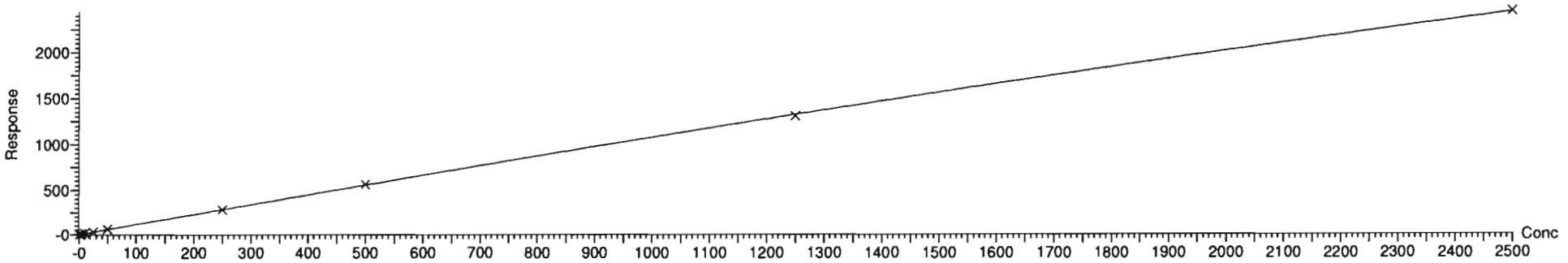
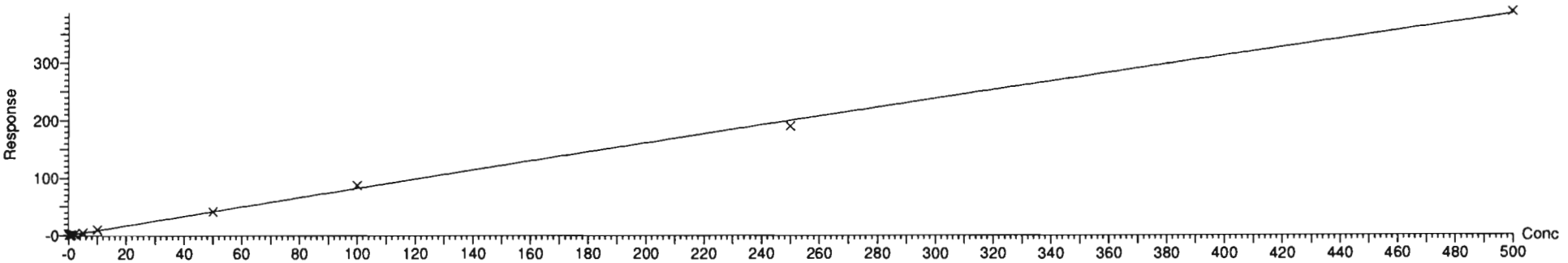
Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999825
Calibration curve: -6.63843e-005 * x^2 + 1.14014 * x + 0.280513
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



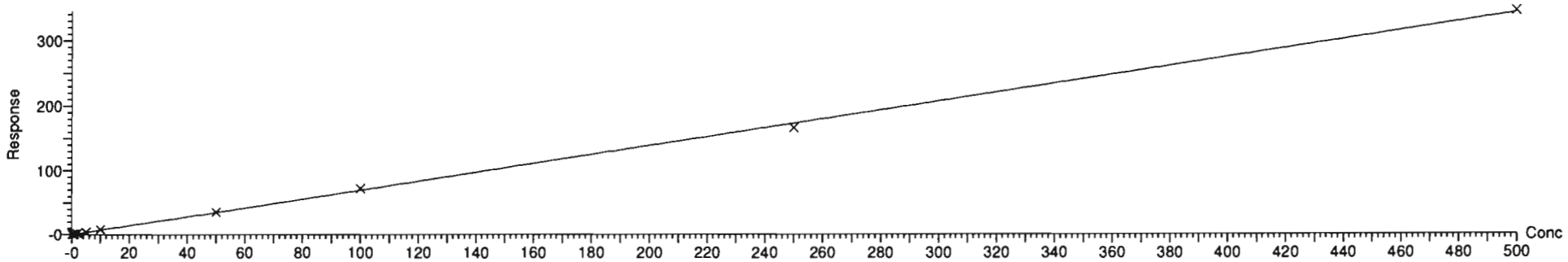
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998456
Calibration curve: -0.000121503 * x^2 + 0.827712 * x + 0.179085
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



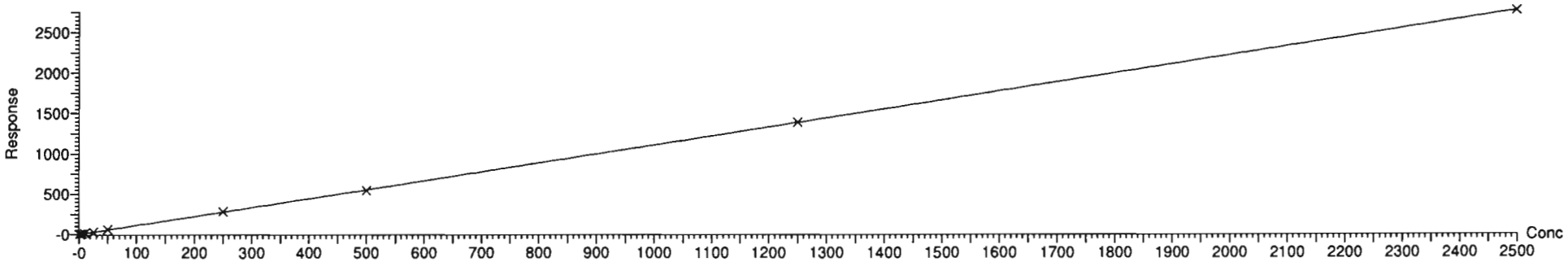
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999114
Calibration curve: -2.6431e-005 * x^2 + 0.697326 * x + 0.0322746
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



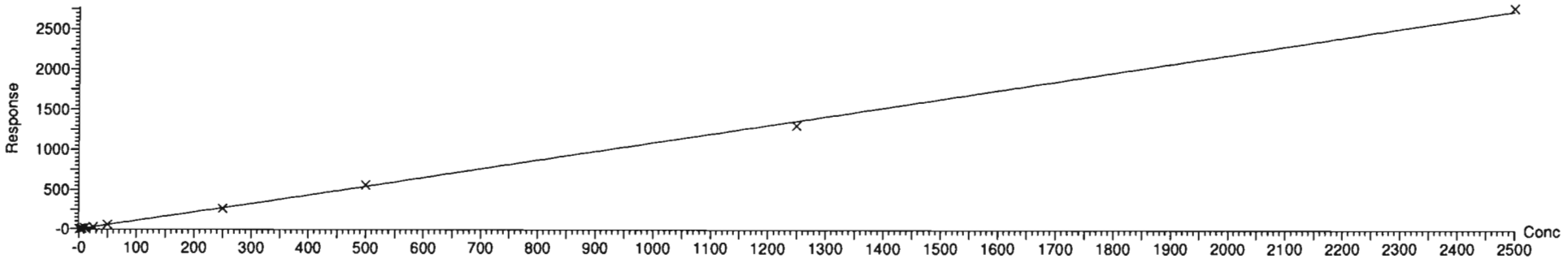
Compound name: N-MeFOSE
Correlation coefficient: r = 0.999923, r^2 = 0.999846
Calibration curve: 1.10736 * x + 0.498199
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:20:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:35:47 Pacific Daylight Time

Compound name: N-EtFOSE
Correlation coefficient: r = 0.999567, r^2 = 0.999135
Calibration curve: 1.09185 * x + 0.150614
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



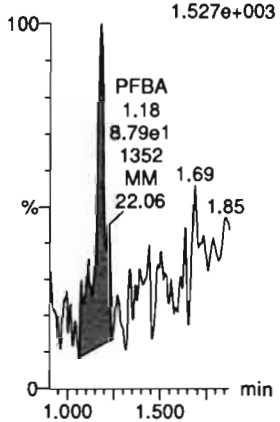
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 10:10:15 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:11:58 Pacific Daylight Time

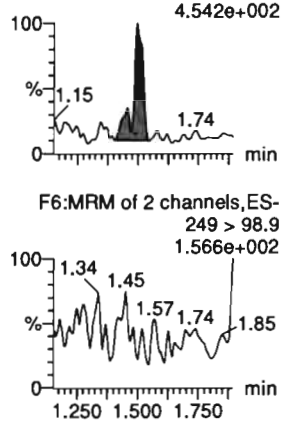
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060920.mdb 10 Jun 2020 08:11:23
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:10:15

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

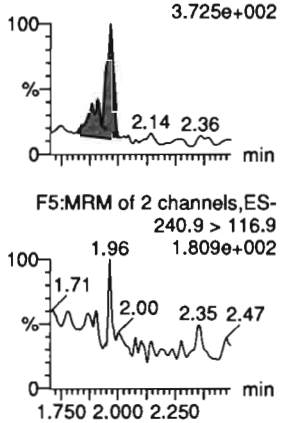
PFBA



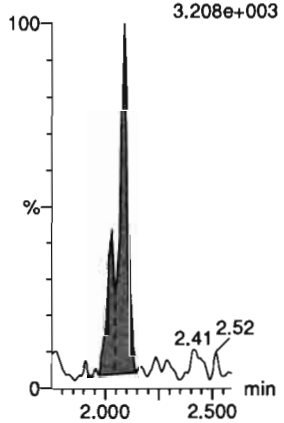
PFPrS



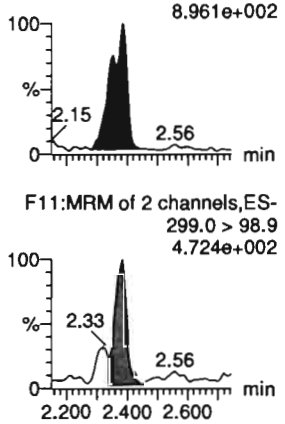
3:3 FTCA



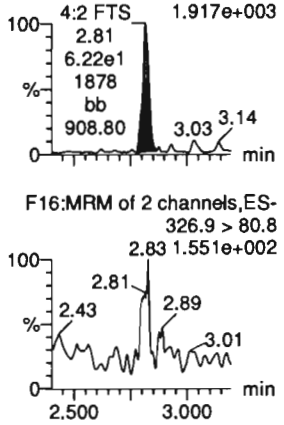
PFPeA



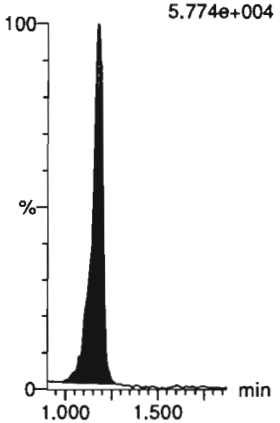
PFBS



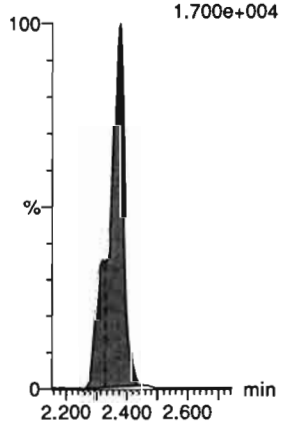
4:2 FTS



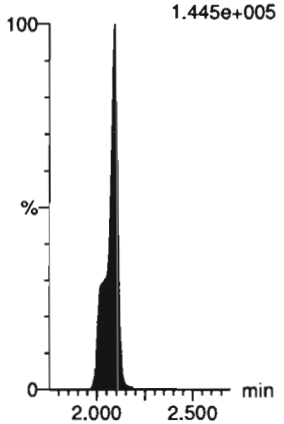
13C3-PFBA-EIS



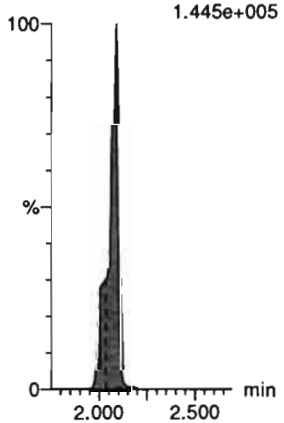
13C3-PFBS-EIS



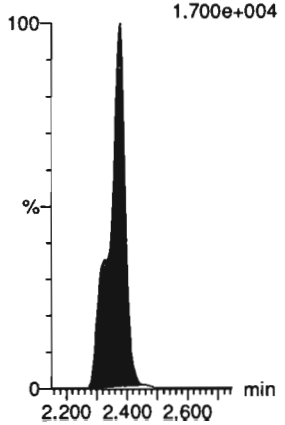
13C3-PFPeA-EIS



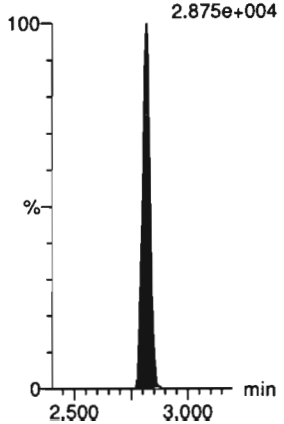
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

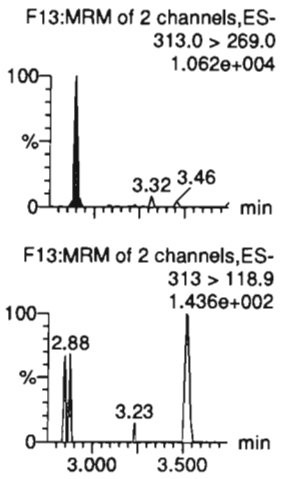


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

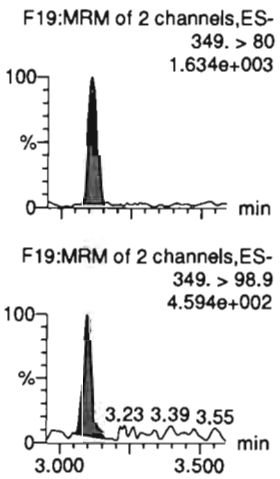
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

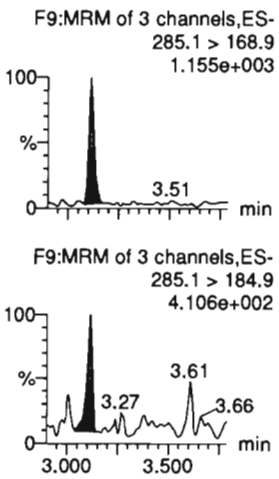
PFHxA



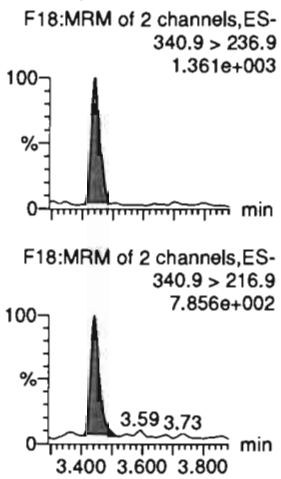
PFPeS



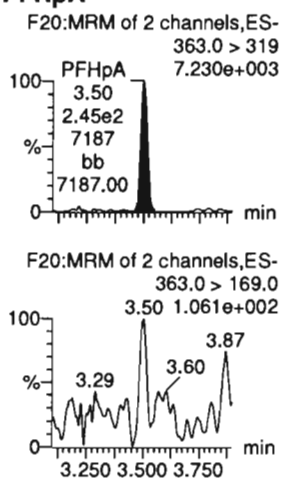
HFPO-DA



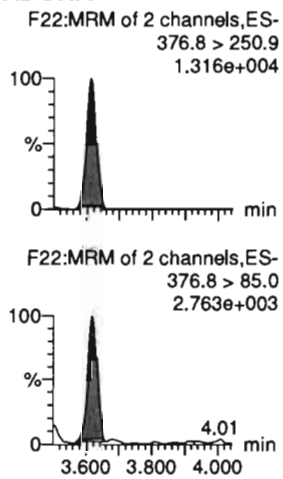
5:3 FTCA



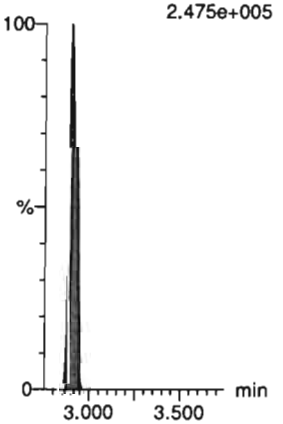
PFHpA



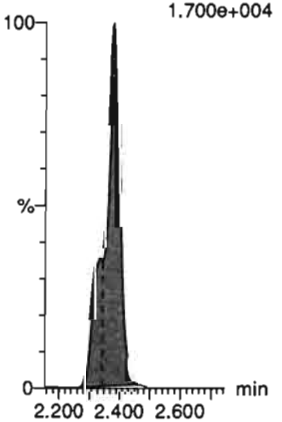
ADONA



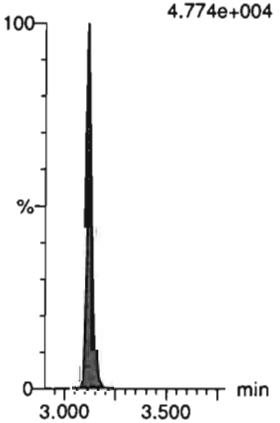
13C2-PFHxA-EIS



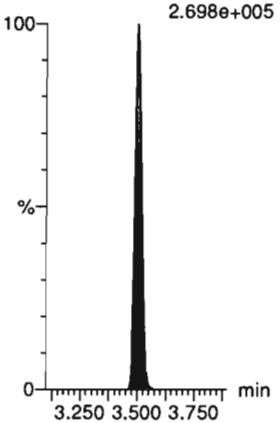
13C3-PFBS-EIS



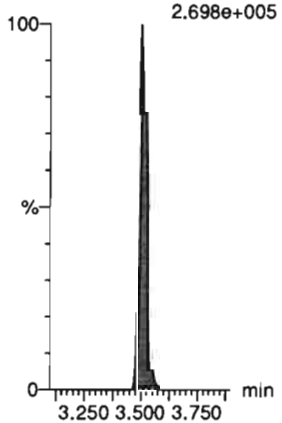
13C3-HFPO-DA-EIS



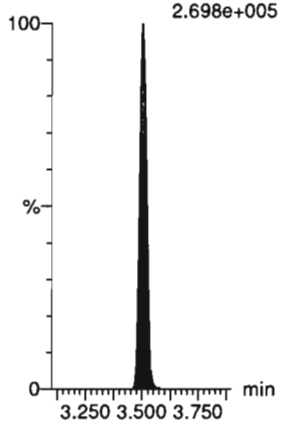
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

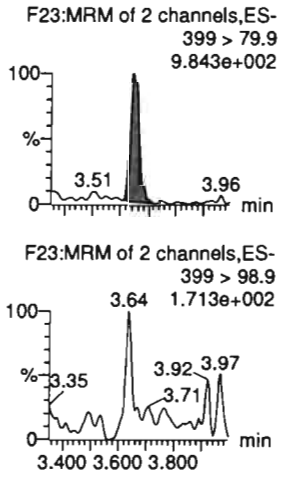


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

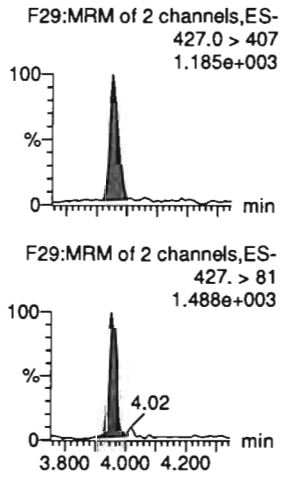
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

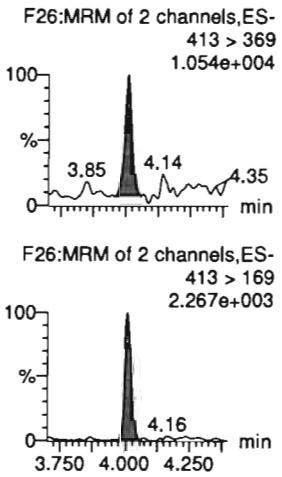
L-PFHxS



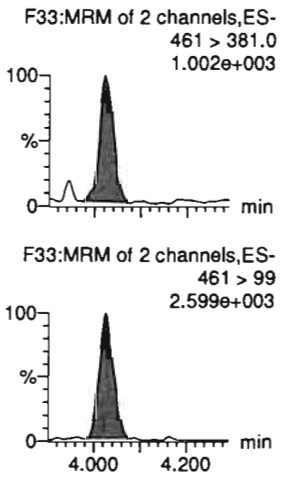
6:2 FTS



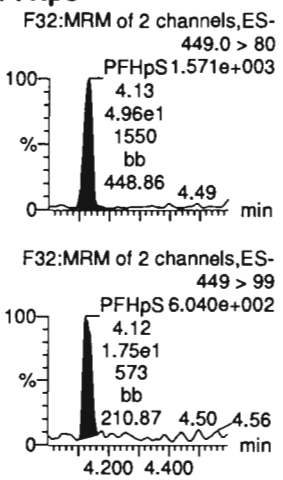
L-PFOA



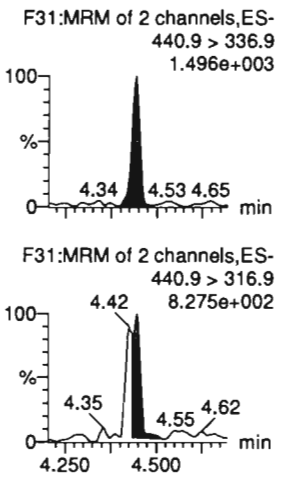
PFEChS



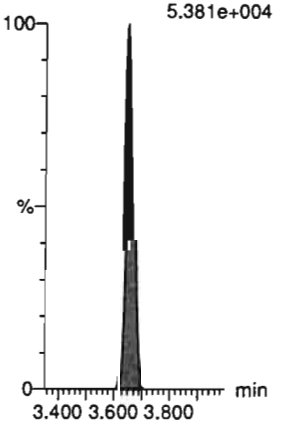
PFHpS



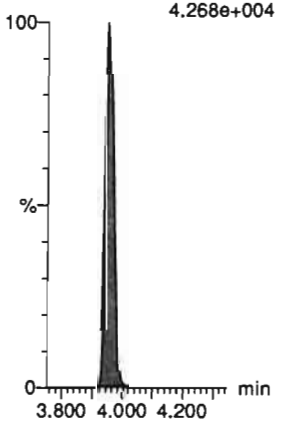
7:3 FTCA



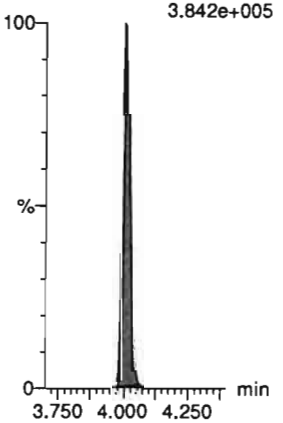
13C3-PFHxS-EIS



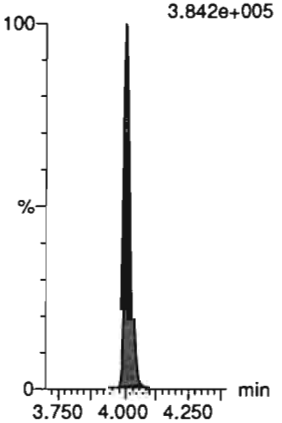
13C2-6:2 FTS-EIS



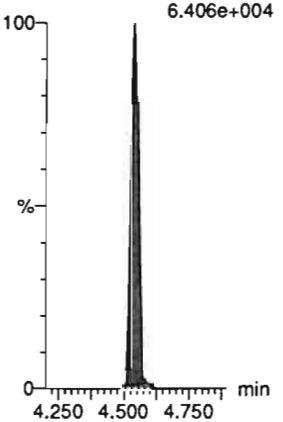
13C2-PFOA-EIS



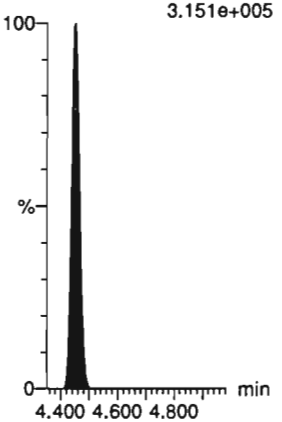
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

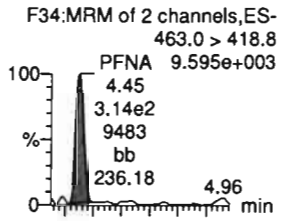


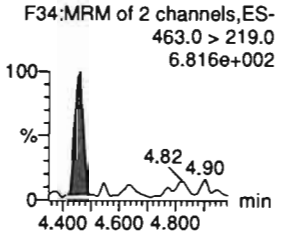
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

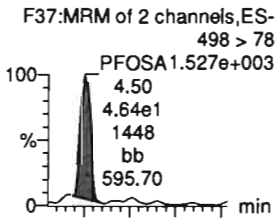
Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

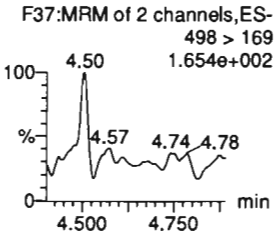
PFNA



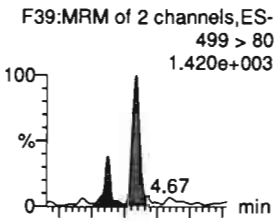


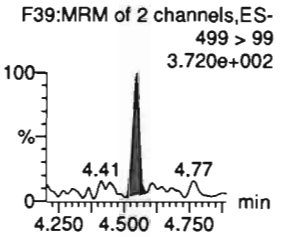
PFOSA



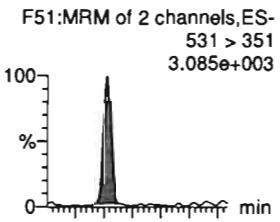


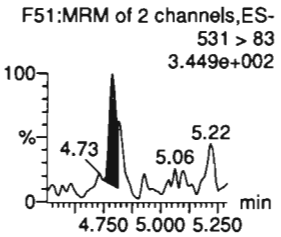
L-PFOS



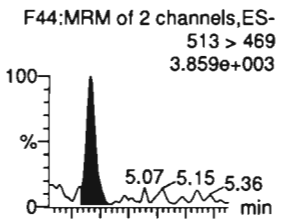


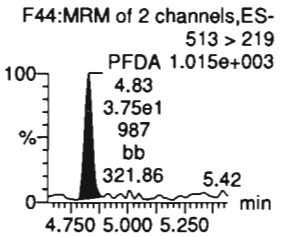
9Cl-PF30NS



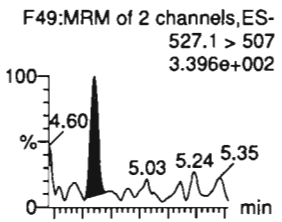


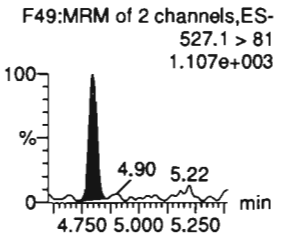
PFDA



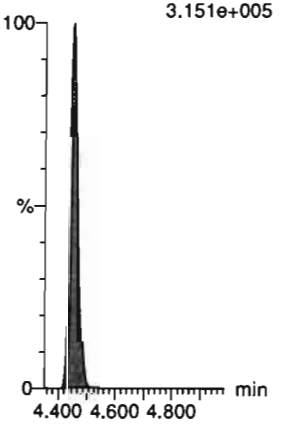


8:2 FTS

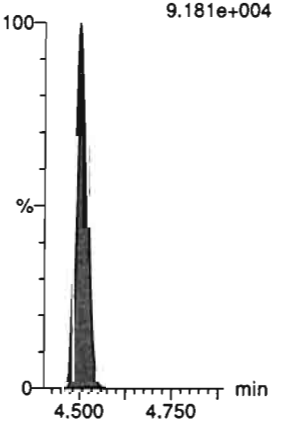




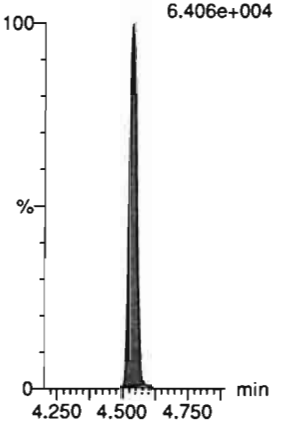
13C5-PFNA-EIS



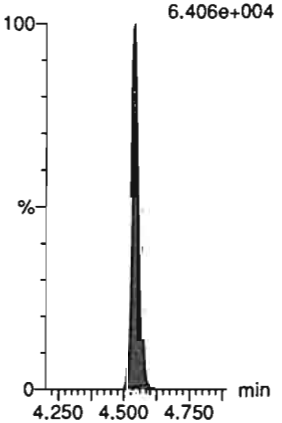
13C8-PFOSA-EIS



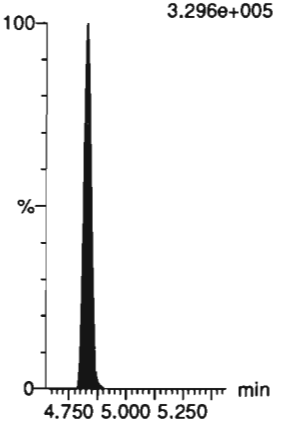
13C8-PFOS-EIS



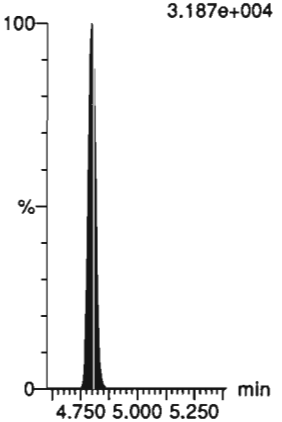
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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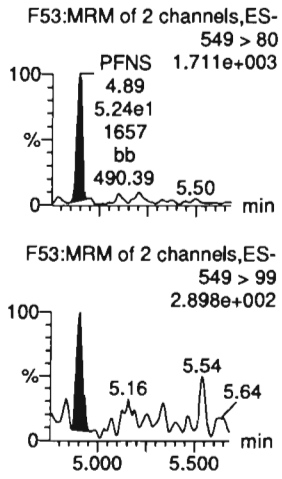
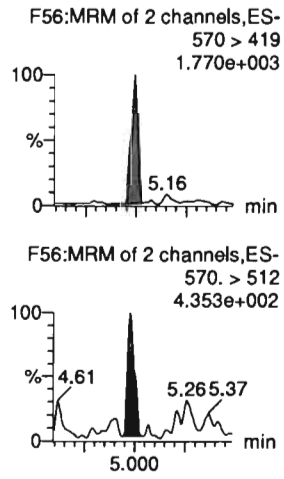
Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

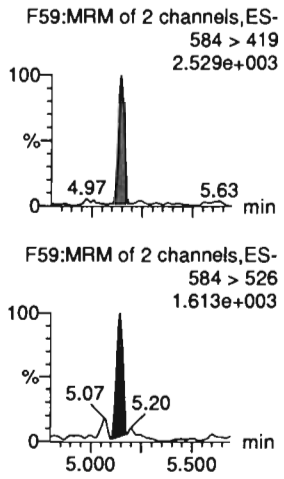
PFNS



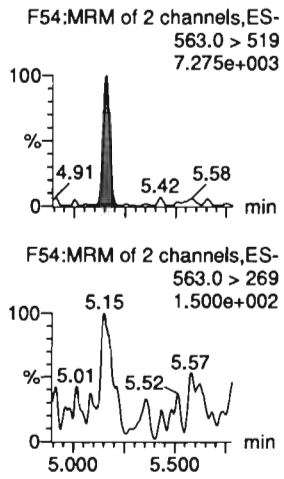
L-MeFOSAA



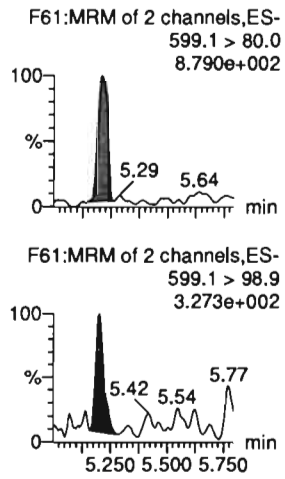
L-EtFOSAA



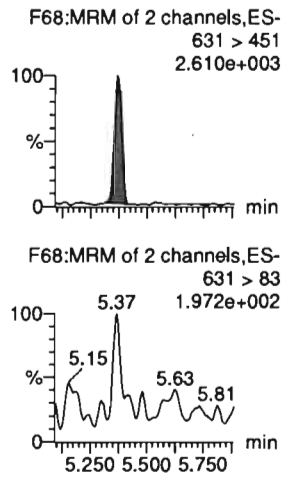
PFUdA



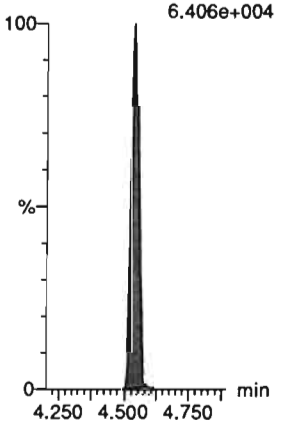
PFDS



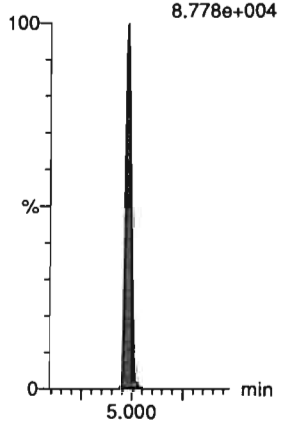
11Cl-PF30UdS



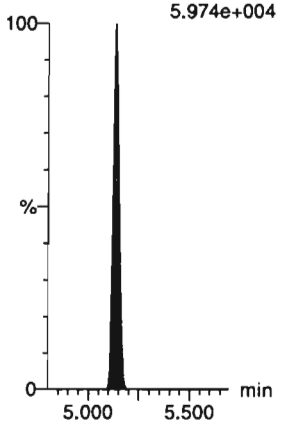
13C8-PFOS-EIS



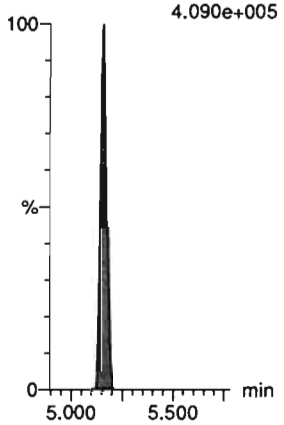
d3-N-MeFOSAA-EIS



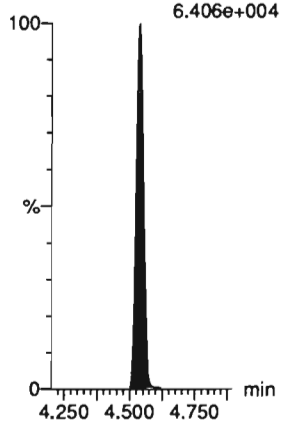
d5-N-EtFOSAA-EIS



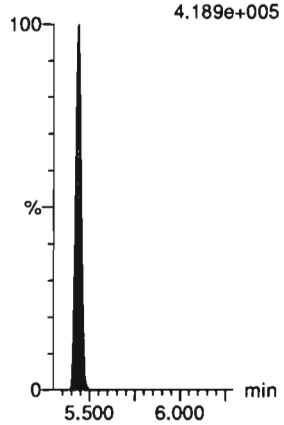
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

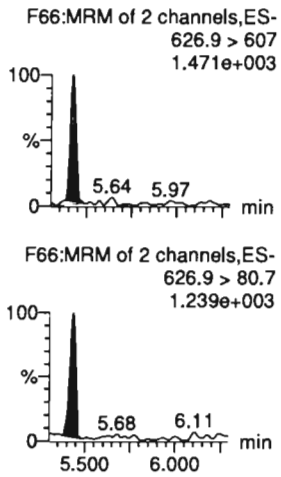


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

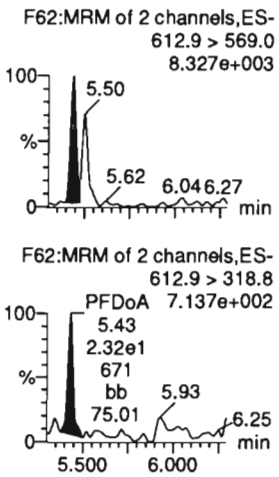
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

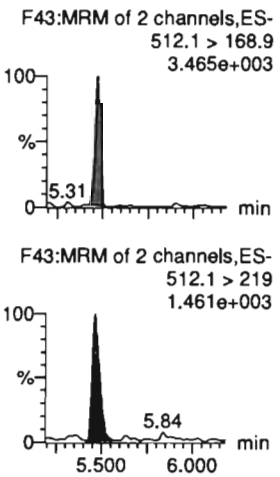
10:2 FTS



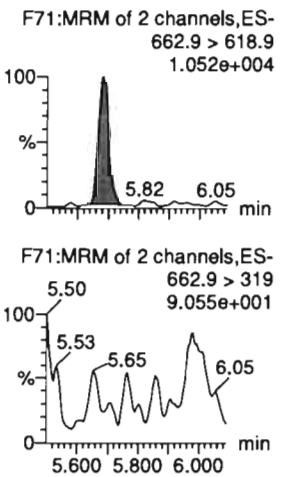
PFDoA



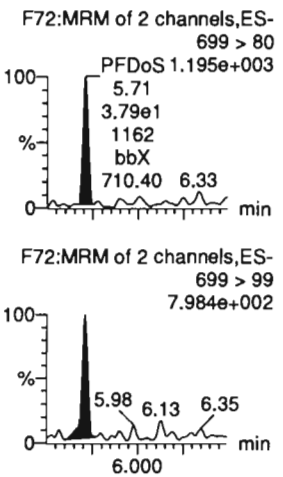
N-MeFOSA



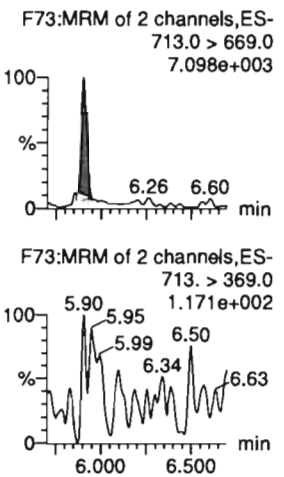
PFTrDA



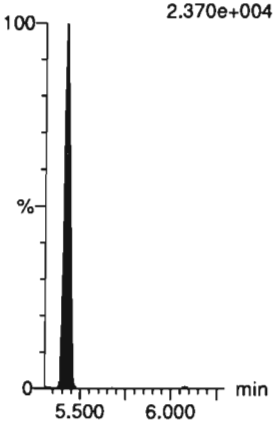
PFDoS



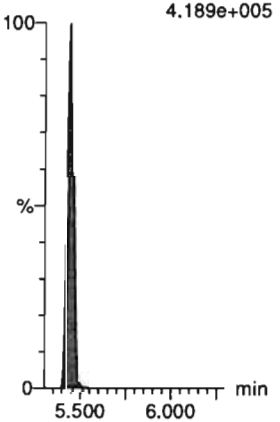
PFTeDA



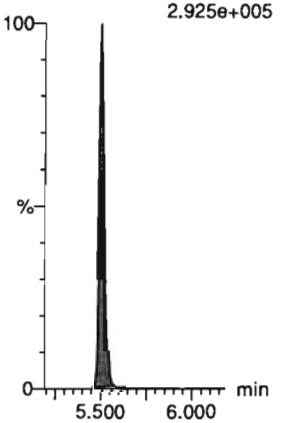
13C2-10:2 FTS-EIS



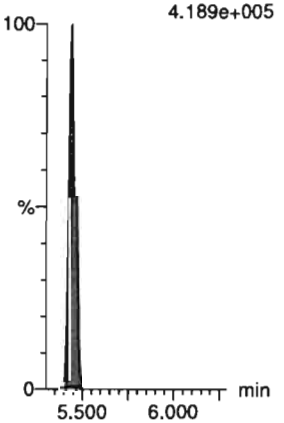
13C2-PFDoA-EIS



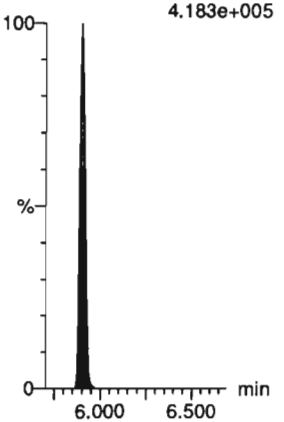
d3-N-MeFOSA-EIS



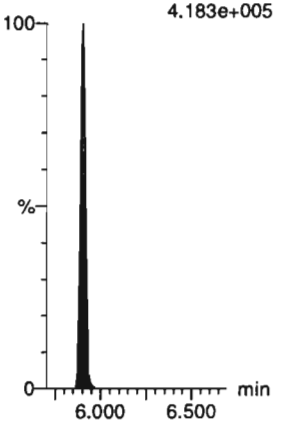
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

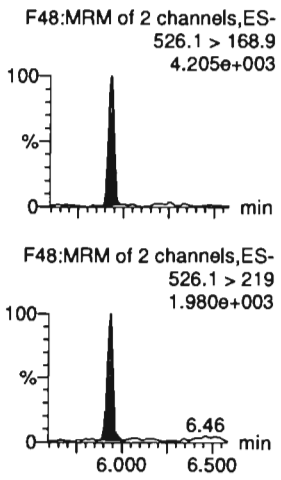


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

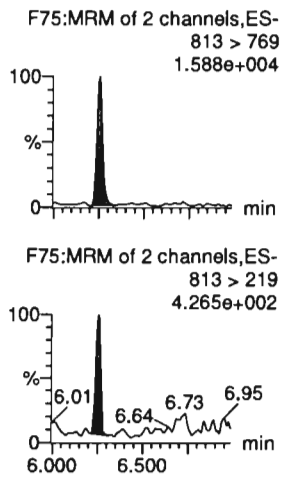
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

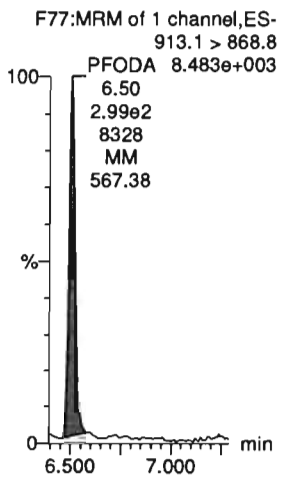
N-EtFOSA



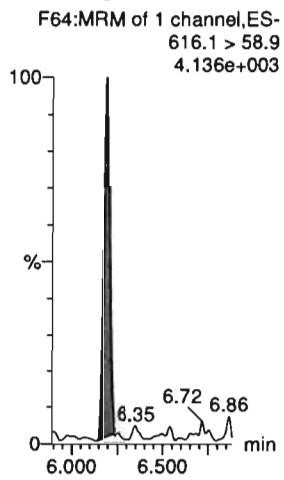
PFHxDA



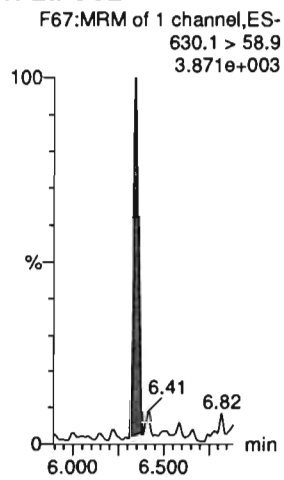
PFODA



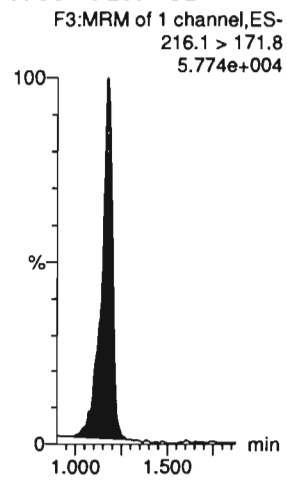
N-MeFOSE



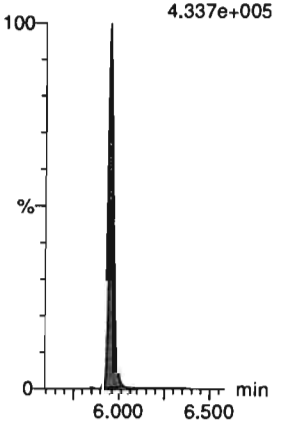
N-EtFOSE



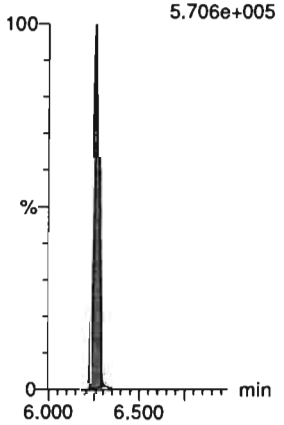
13C3-PFBA-RSD



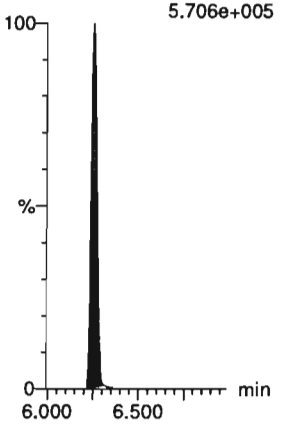
d5-N-ETFOSA-EIS



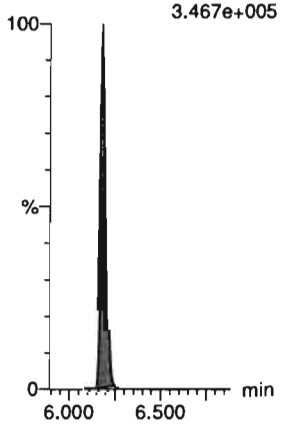
13C2-PFHxDA-EIS



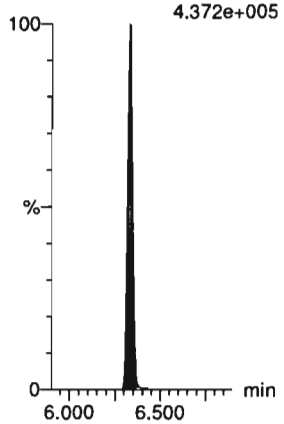
13C2-PFHxDA-EIS



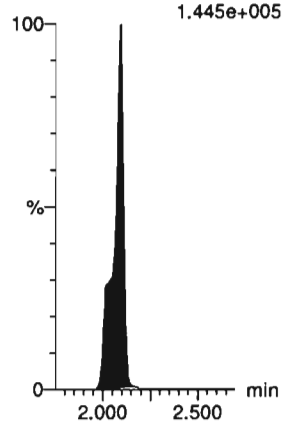
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

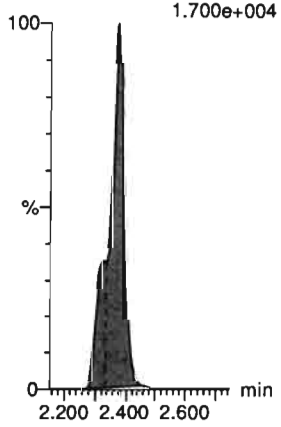


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

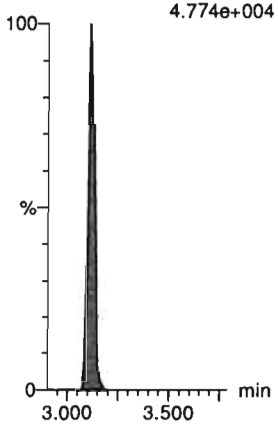
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

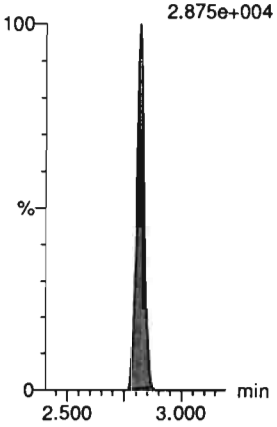
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.700e+004



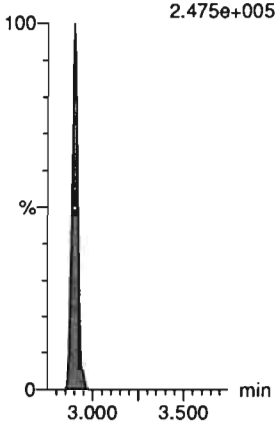
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.774e+004



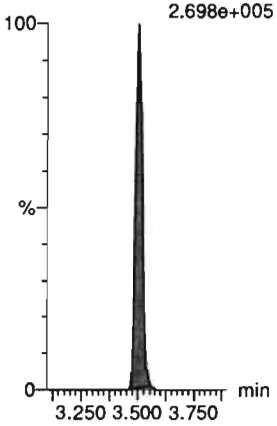
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.875e+004



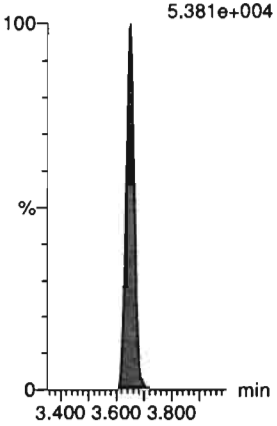
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.475e+005



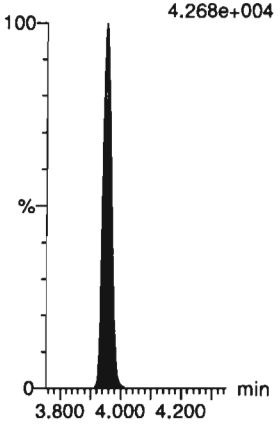
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.698e+005



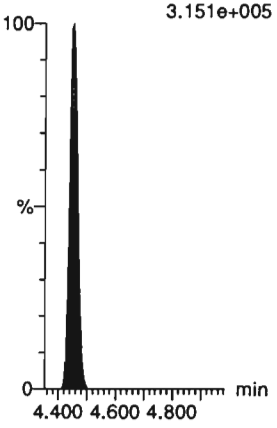
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.381e+004



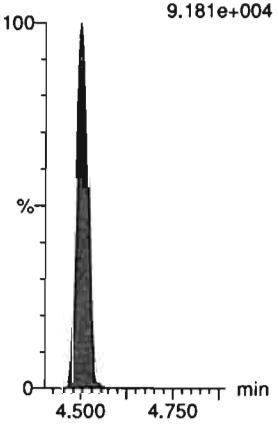
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.268e+004



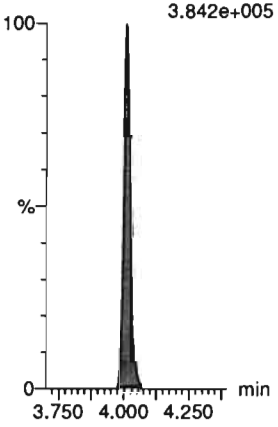
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.151e+005



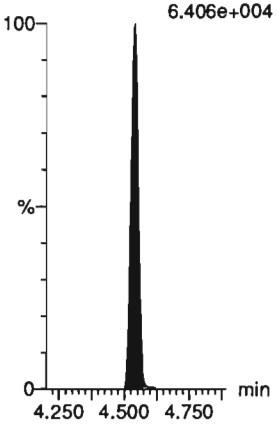
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
9.181e+004



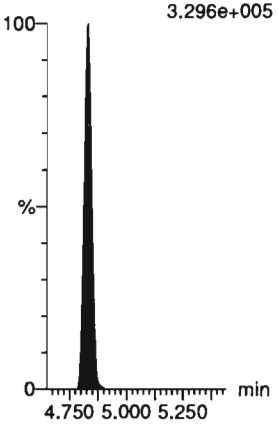
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.842e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.406e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.296e+005

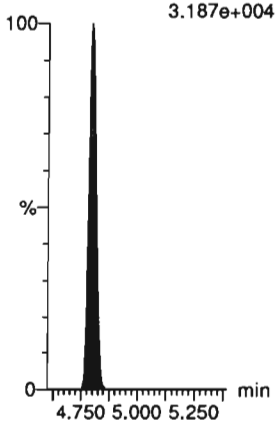


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

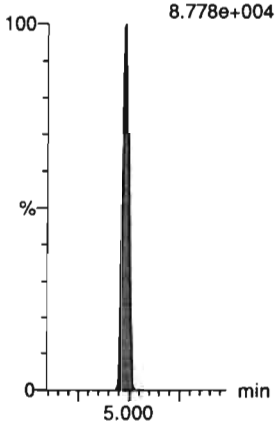
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

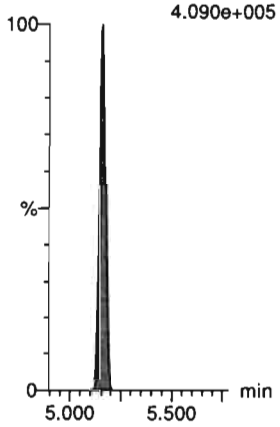
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.187e+004



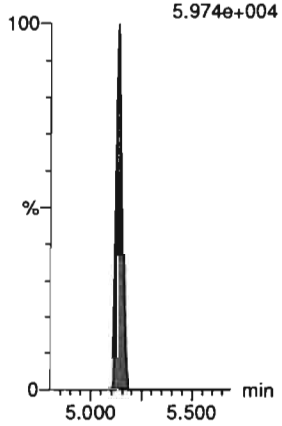
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
8.778e+004



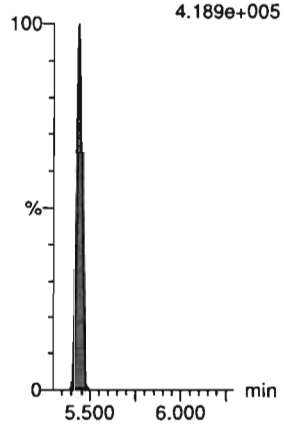
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.090e+005



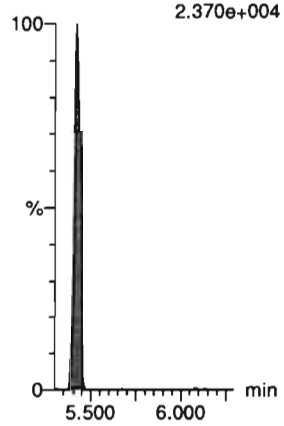
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.974e+004



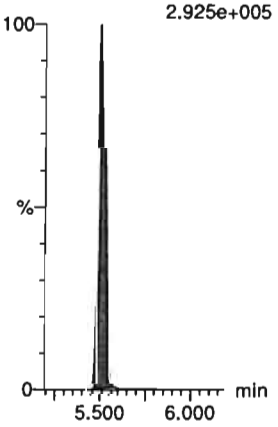
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.189e+005



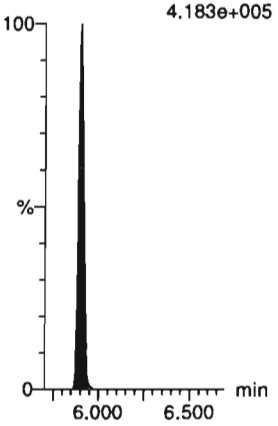
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.370e+004



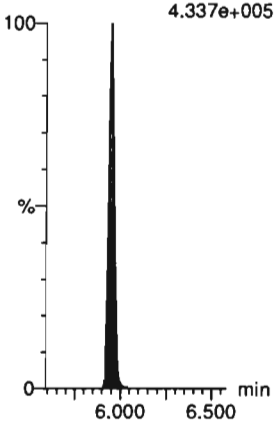
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.925e+005



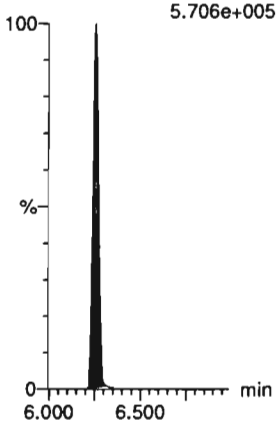
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.183e+005



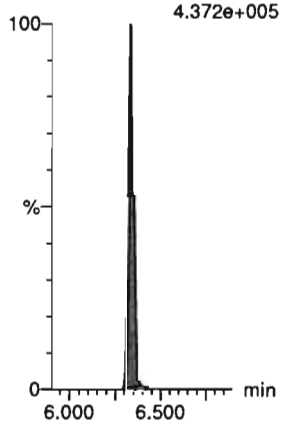
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.337e+005



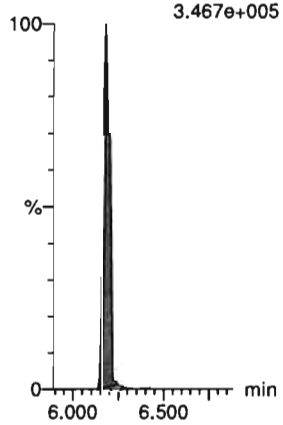
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.706e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.372e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.467e+005

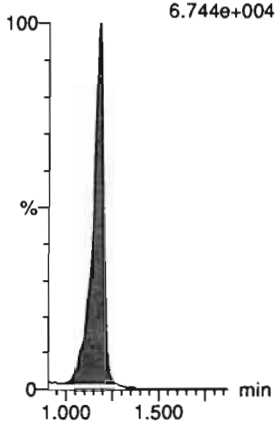


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

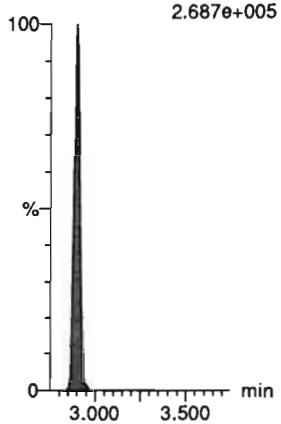
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-5, Date: 09-Jun-2020, Time: 13:55:31, ID: ST200609P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

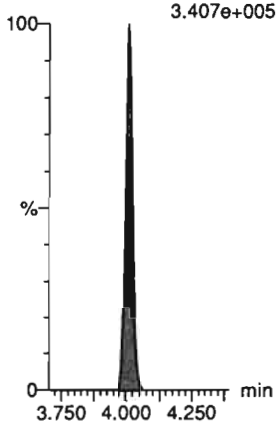
13C4-PFBA



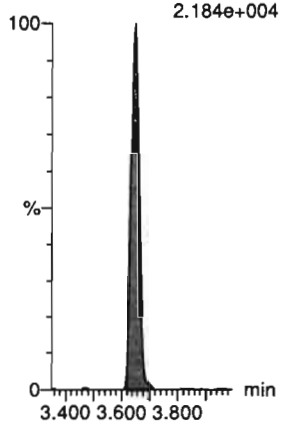
13C5-PFHxA



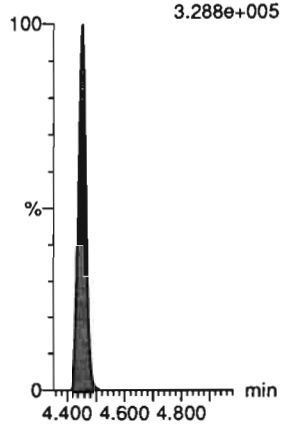
13C8-PFOA



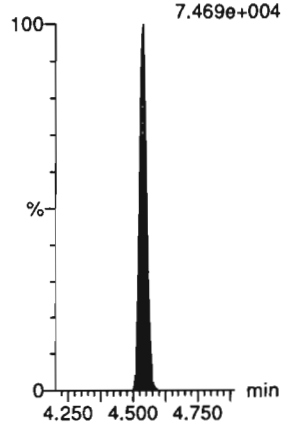
18O2-PFHxS



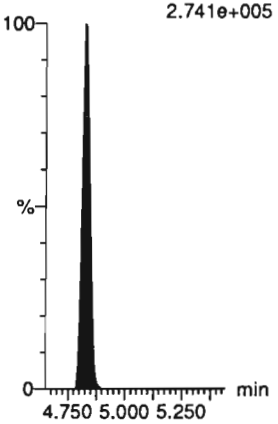
13C9-PFNA



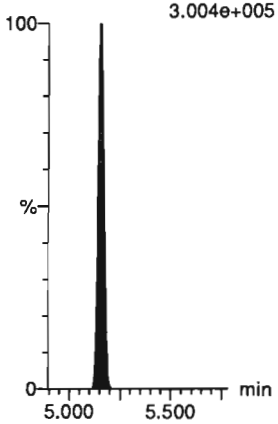
13C4-PFOS



13C6-PFDA



13C7-PFUdA

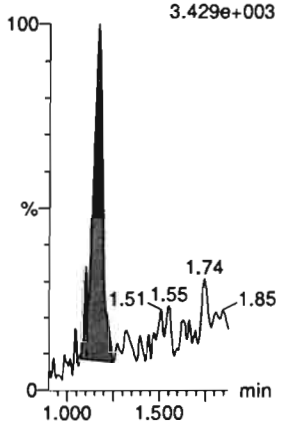


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

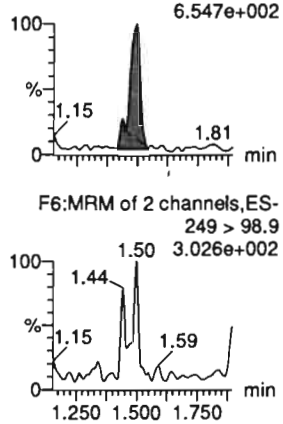
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

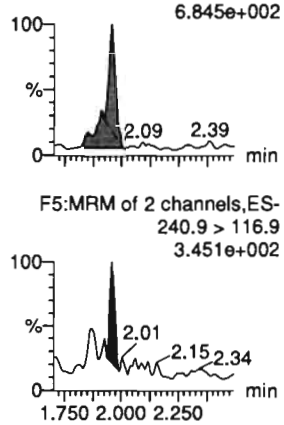
PFBA



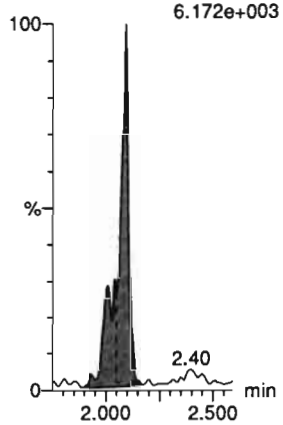
PFPrS



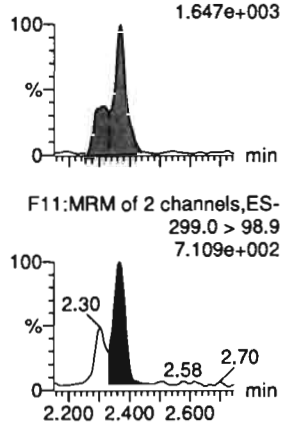
3:3 FTCA



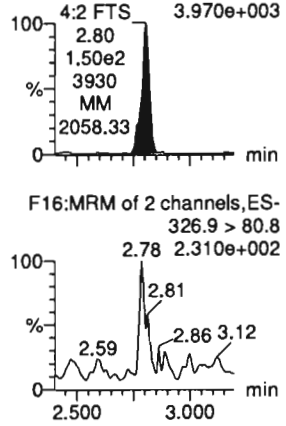
PFPeA



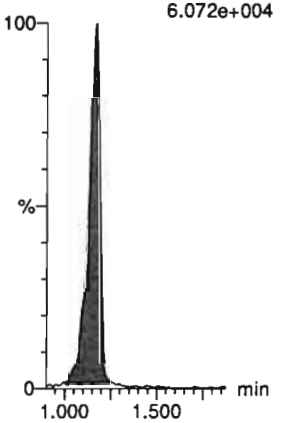
PFBS



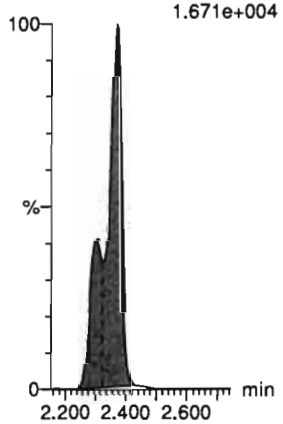
4:2 FTS



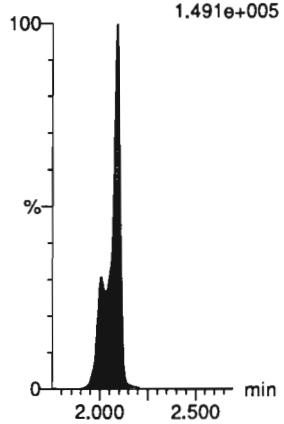
13C3-PFBA-EIS



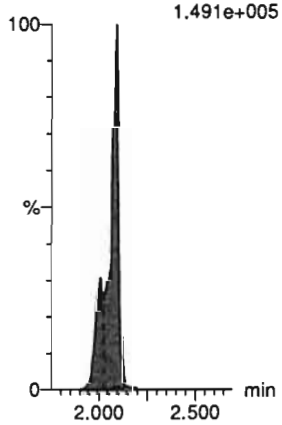
13C3-PFBS-EIS



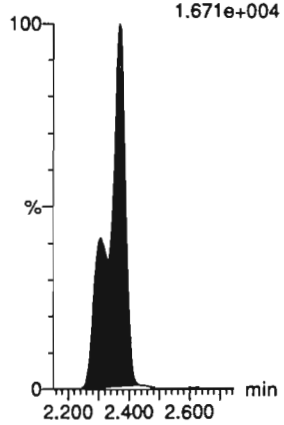
13C3-PFPeA-EIS



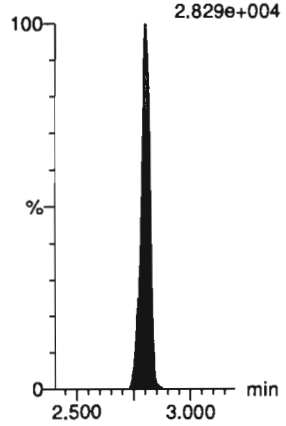
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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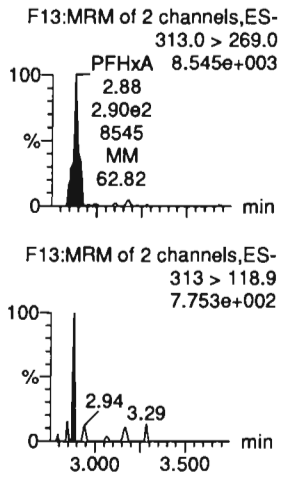
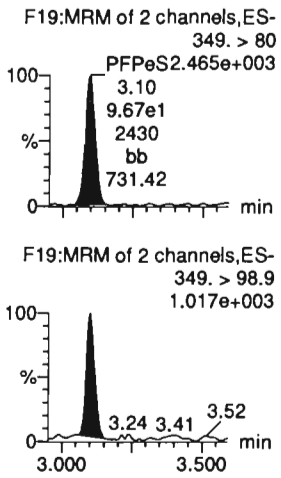
Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

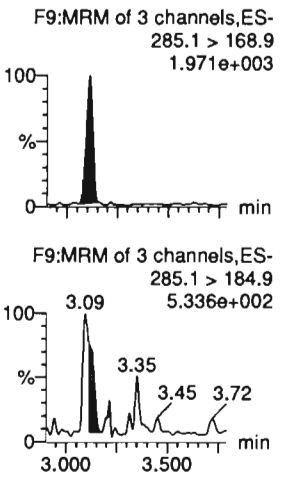
PFHxA



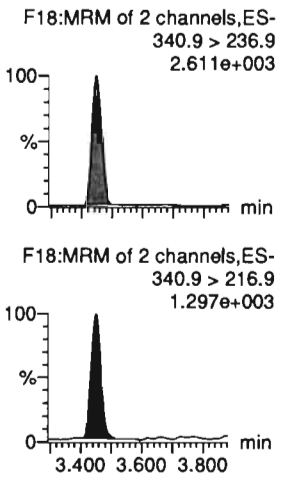
PFPeS



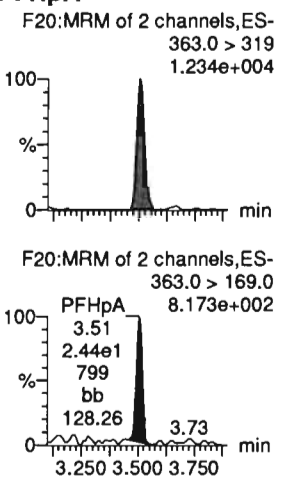
HFPO-DA



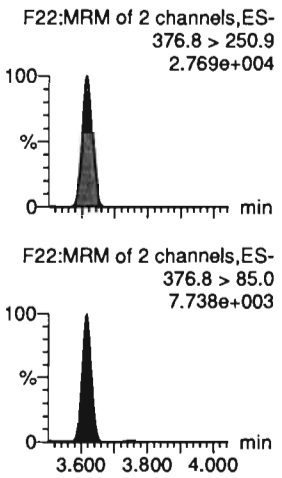
5:3 FTCA



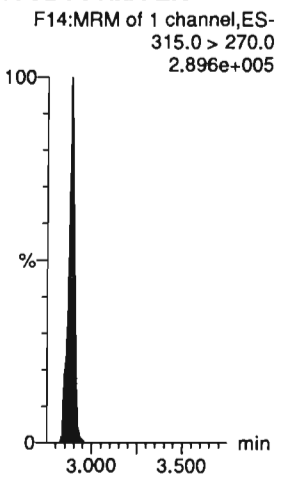
PFHpA



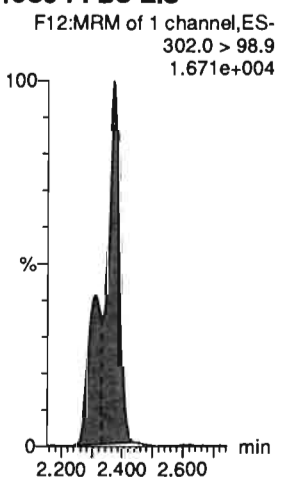
ADONA



13C2-PFHxA-EIS



13C3-PFBS-EIS



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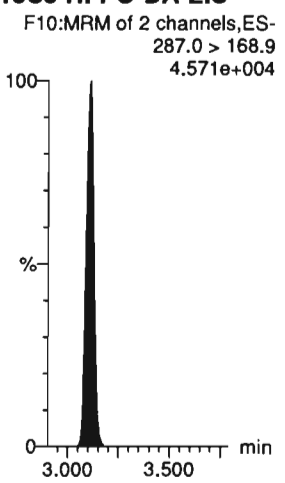

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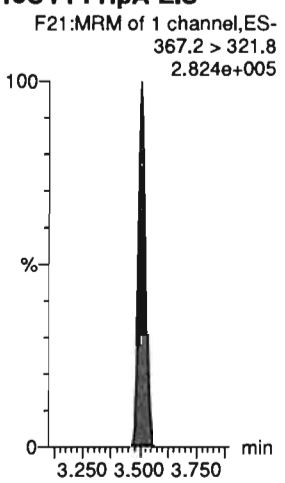

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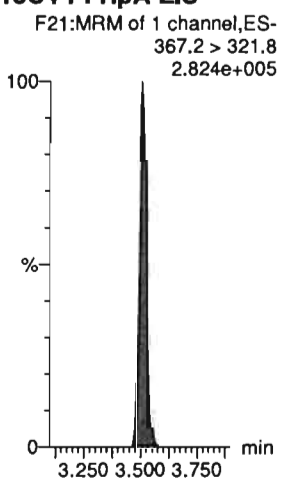

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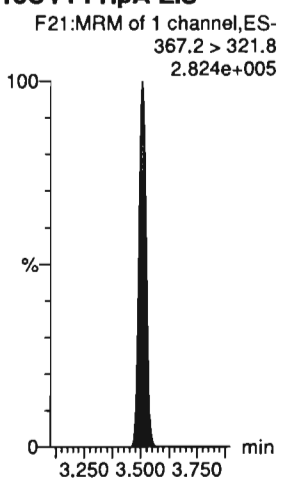

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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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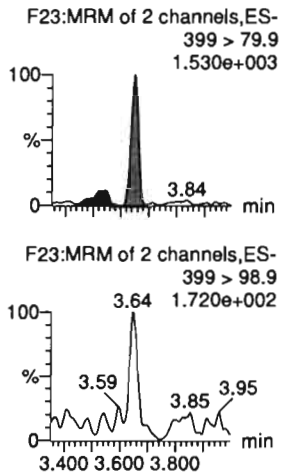
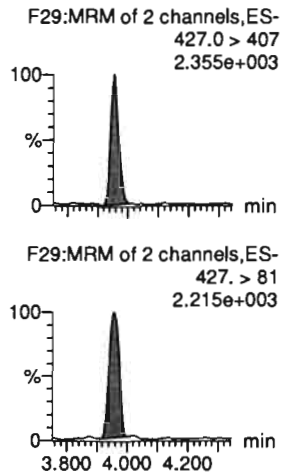
Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

L-PFHxS



6:2 FTS



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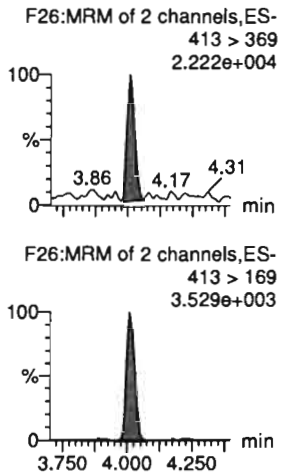

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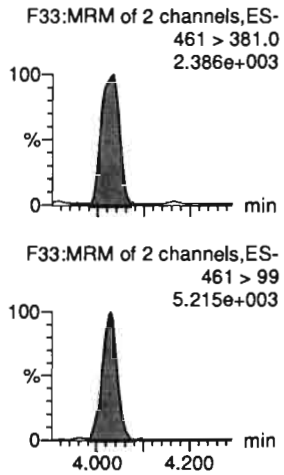

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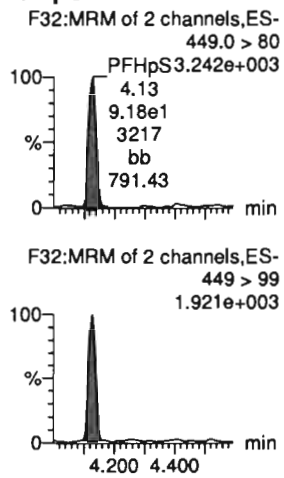
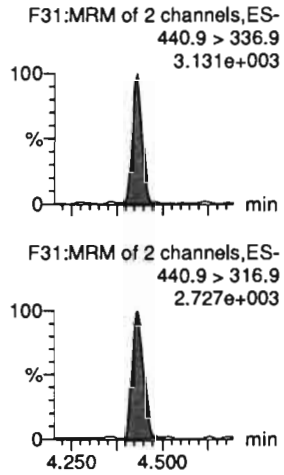


7:3 FTCA



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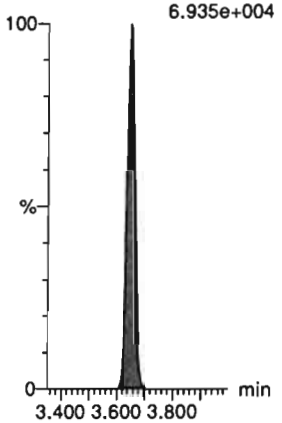

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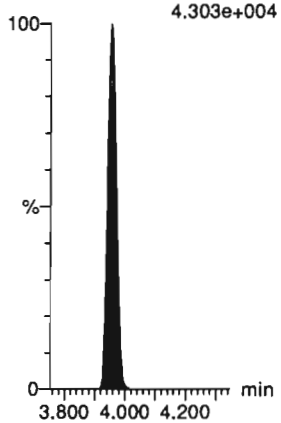

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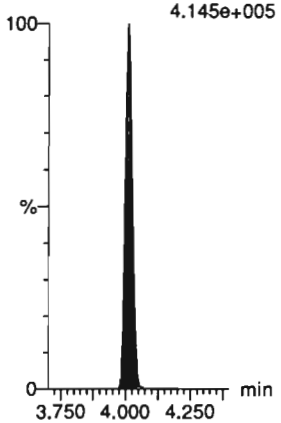

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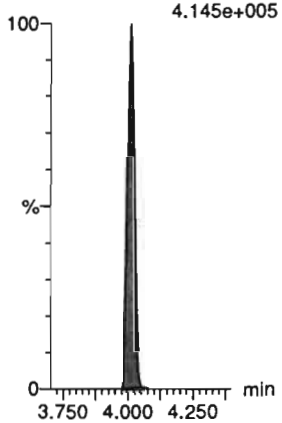
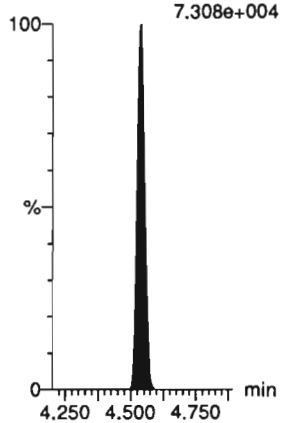
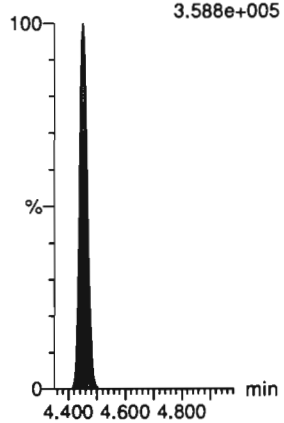


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

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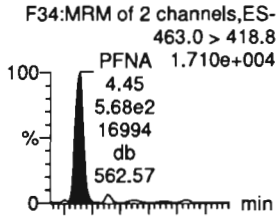

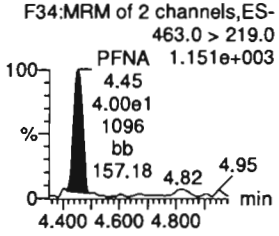

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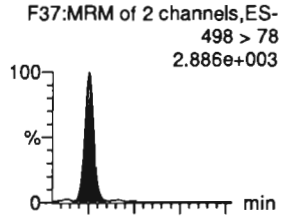
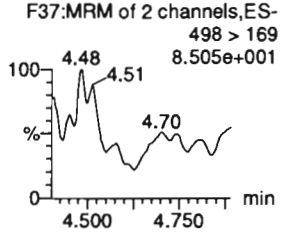
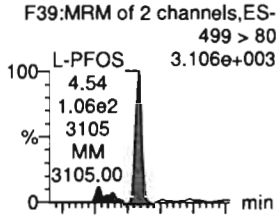
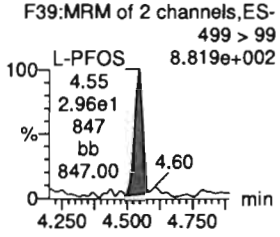




L-PFOS





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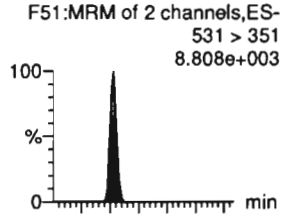

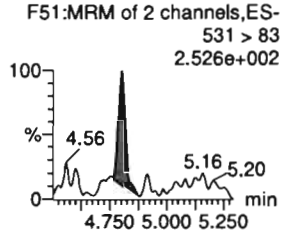

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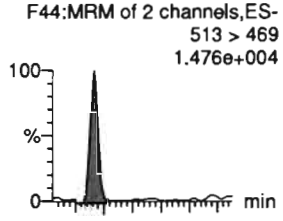
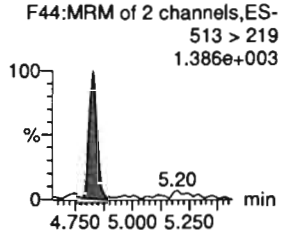
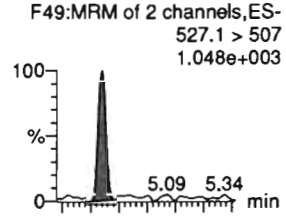
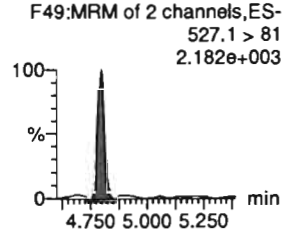


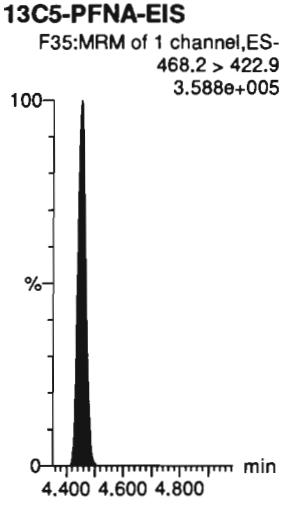


8:2 FTS

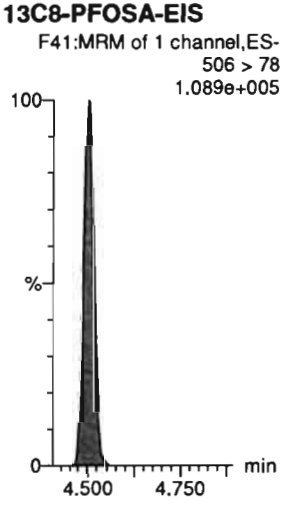




13C5-PFNA-EIS



13C8-PFOSA-EIS



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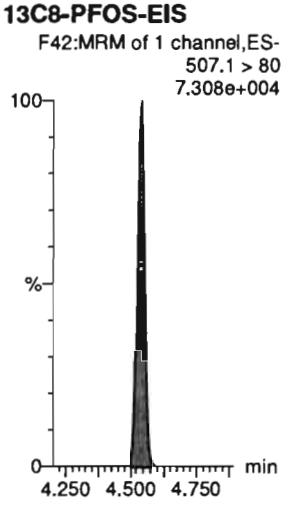

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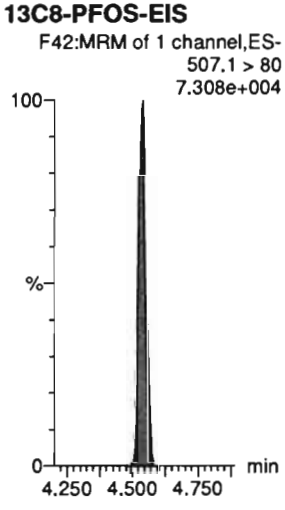

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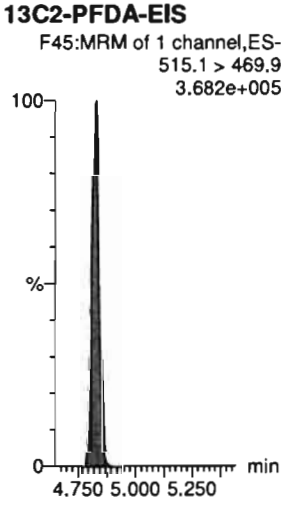
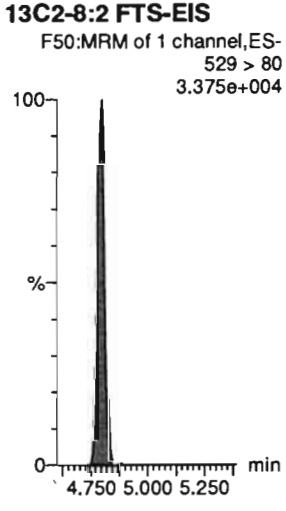


13C2-8:2 FTS-EIS



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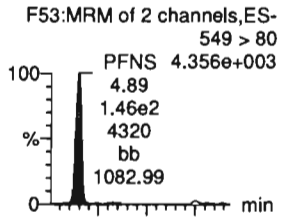
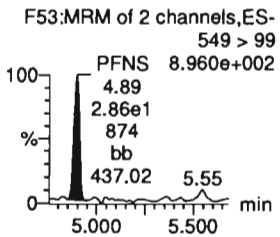
Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

PFNS





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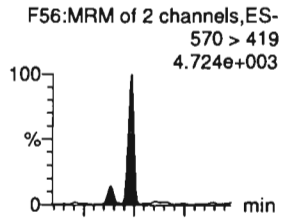

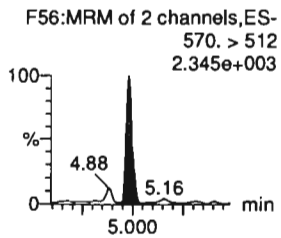

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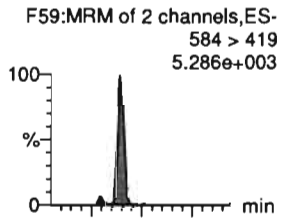
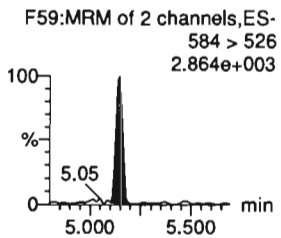
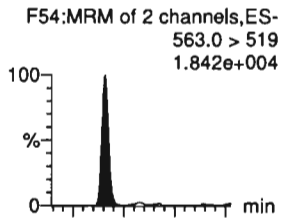
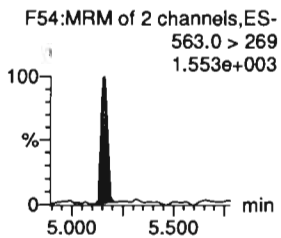


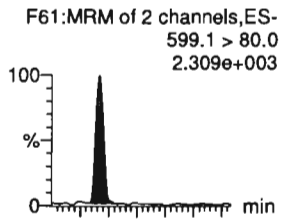


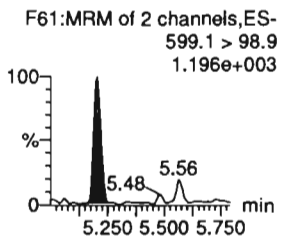
PFUdA





PFDS





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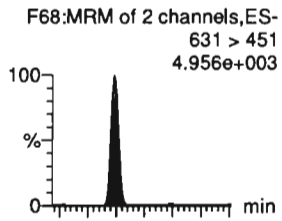
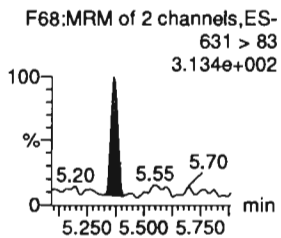
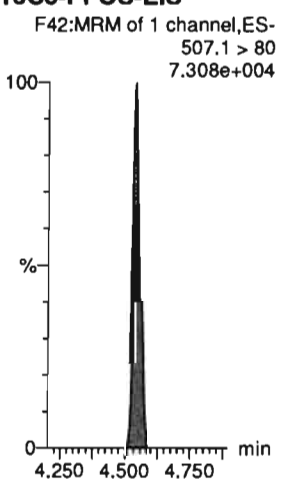




13C8-PFOS-EIS



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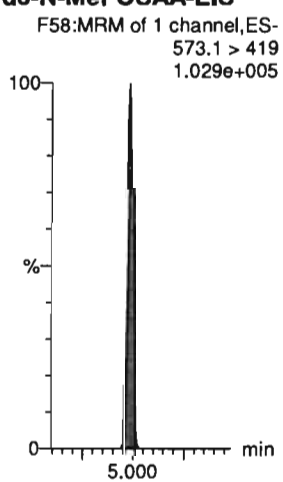

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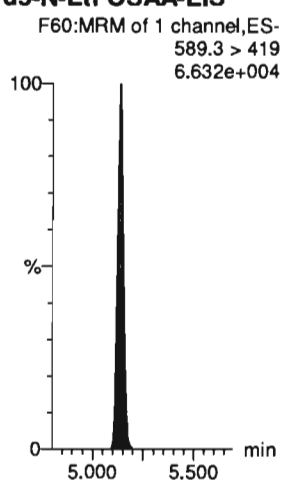
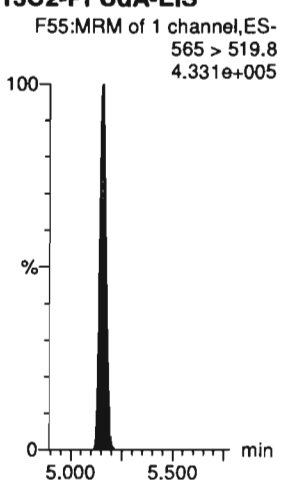
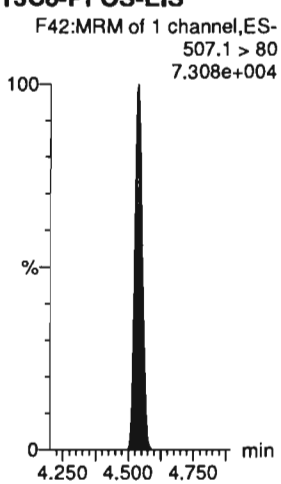


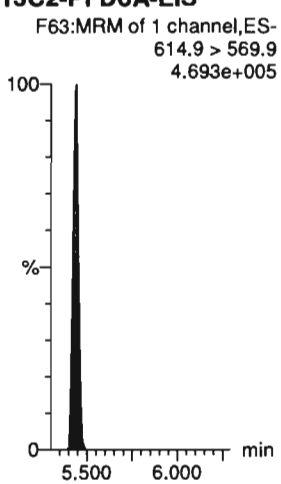
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

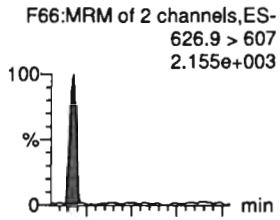


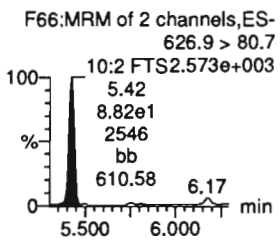
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

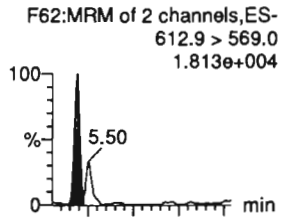
Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

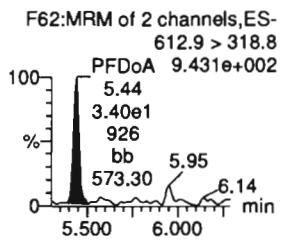
10:2 FTS



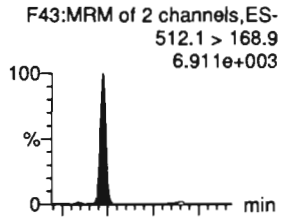


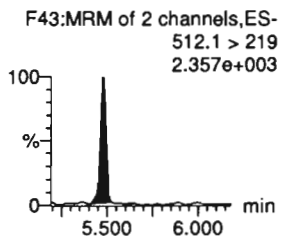
PFDoA





N-MeFOSA





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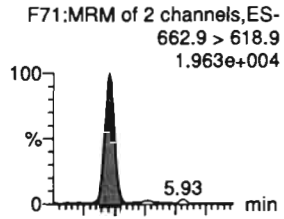
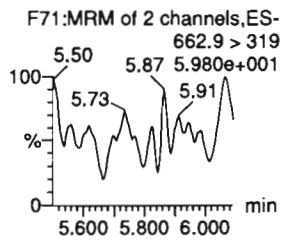
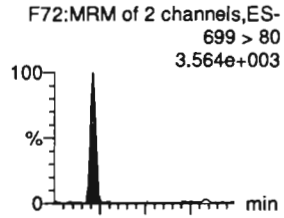
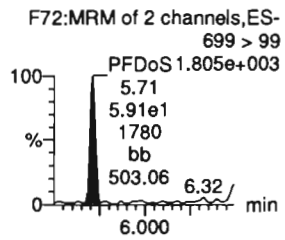


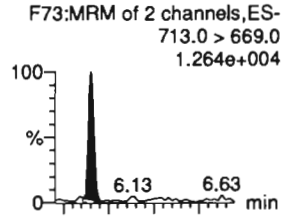


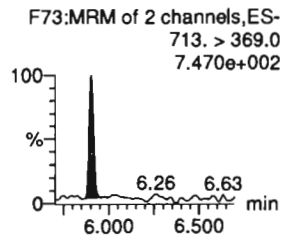
PFDoS



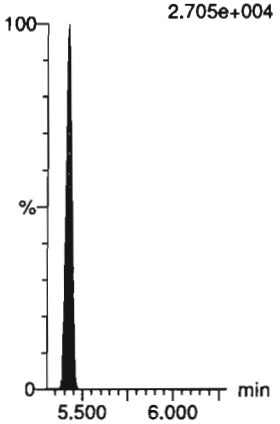


PFTeDA

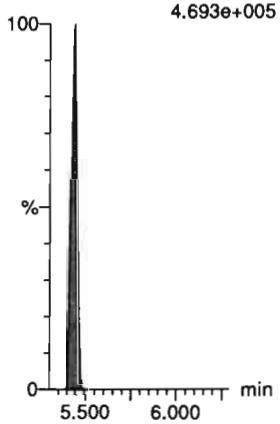




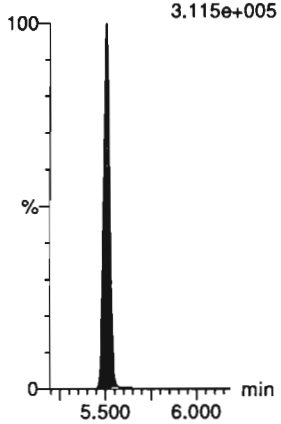
13C2-10:2 FTS-EIS



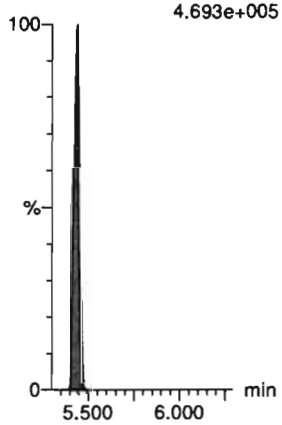
13C2-PFDoA-EIS



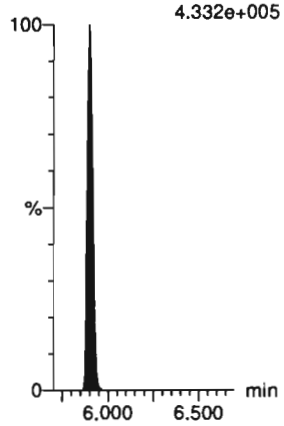
d3-N-MeFOSA-EIS



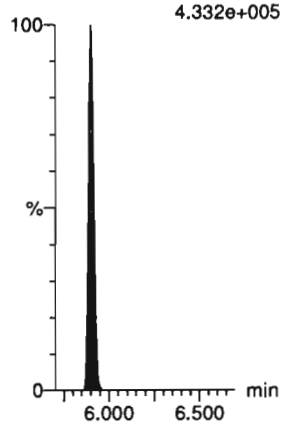
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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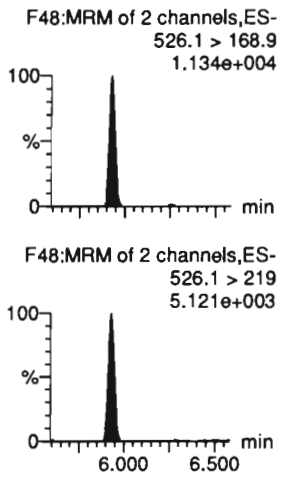
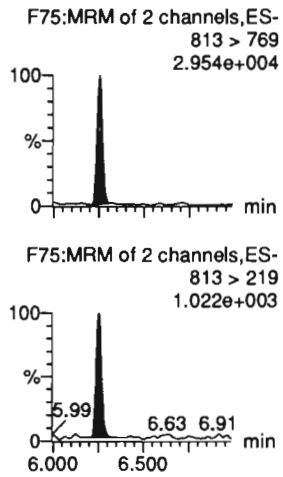
Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

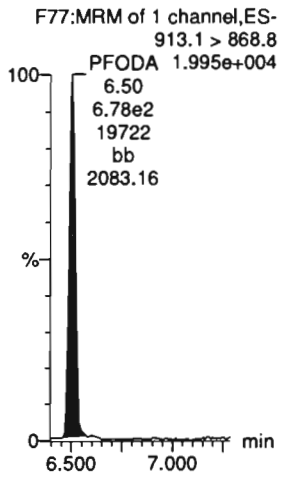
N-EtFOSA



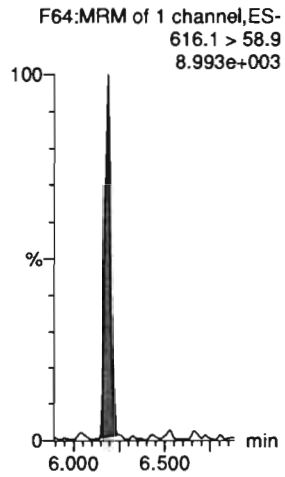
PFHxDA



PFODA



N-MeFOSE



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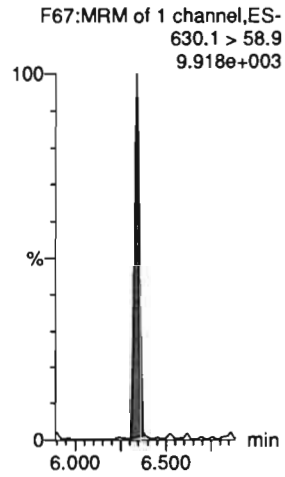
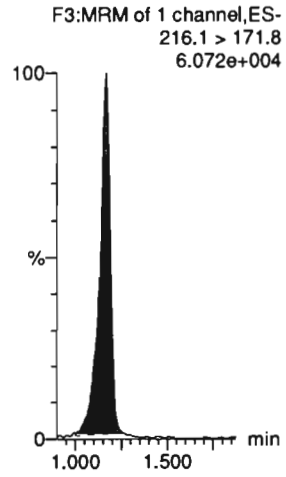
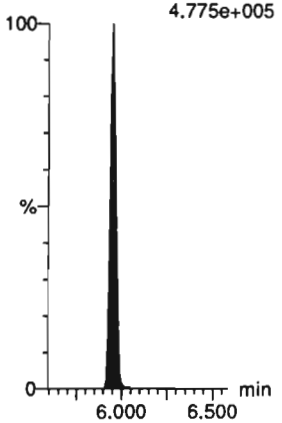


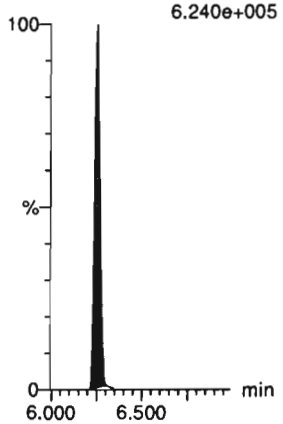
13C3-PFBA-RSD



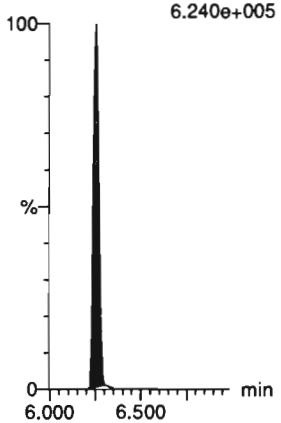
d5-N-ETFOSA-EIS



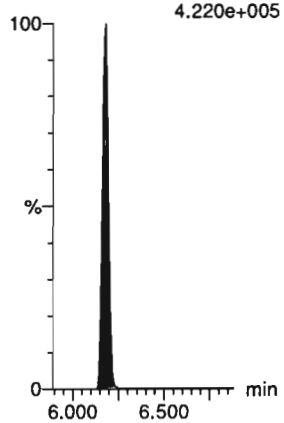
13C2-PFHxDA-EIS



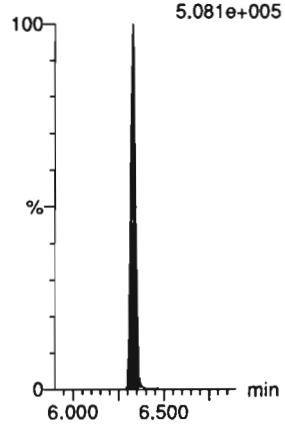
13C2-PFHxDA-EIS



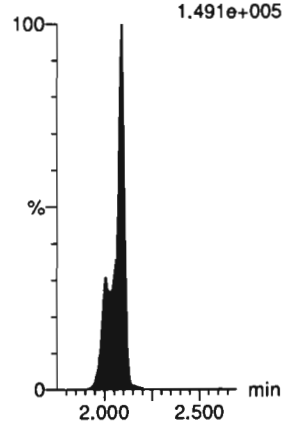
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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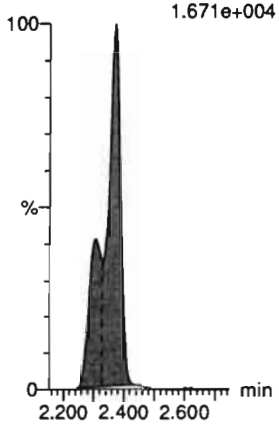
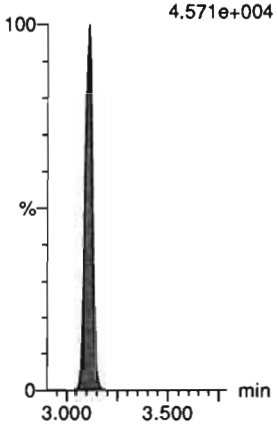
Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

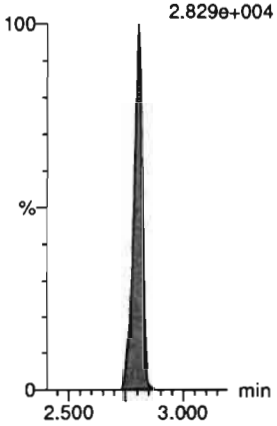
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.671e+004



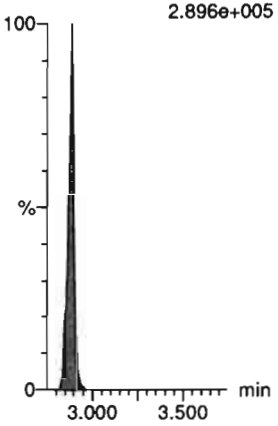
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.571e+004



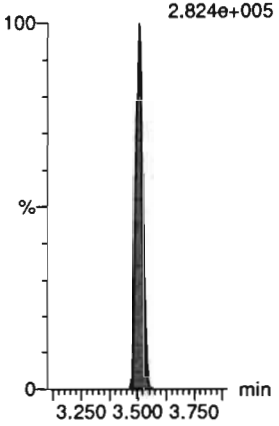
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.829e+004



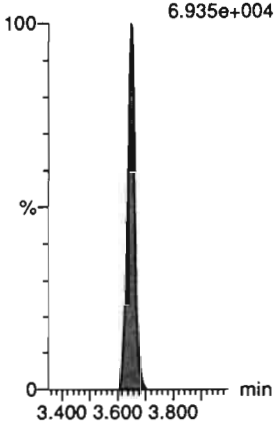
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.896e+005



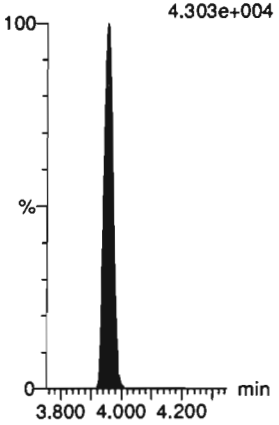
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.824e+005



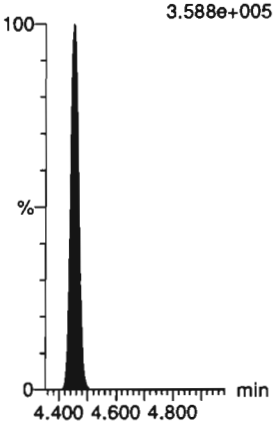
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.935e+004



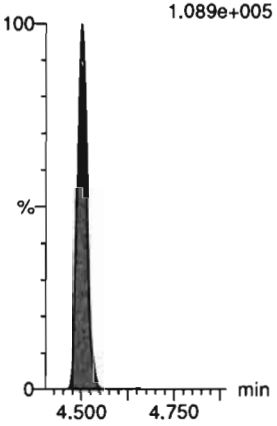
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.303e+004



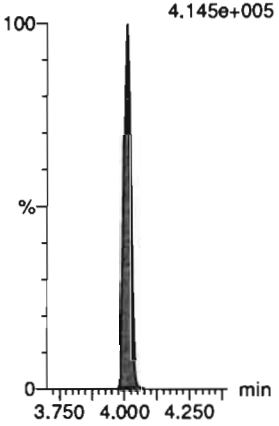
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.588e+005



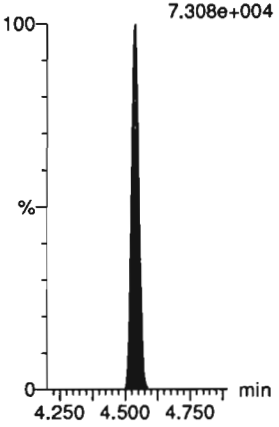
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.089e+005



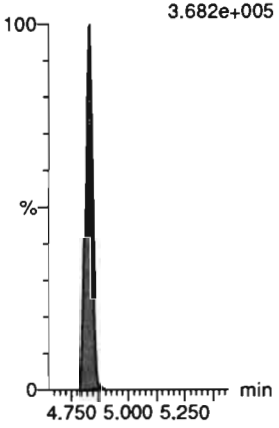
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.145e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.308e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.682e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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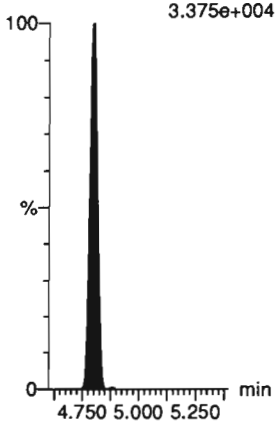
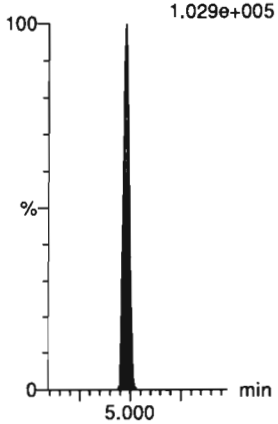
Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

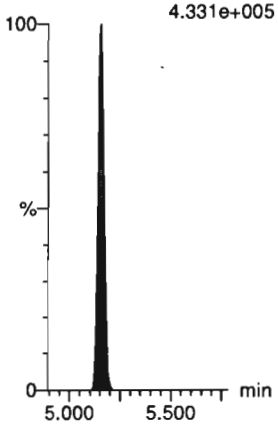
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.375e+004



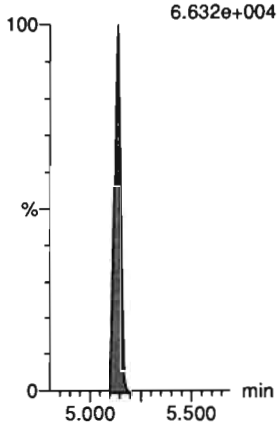
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.029e+005



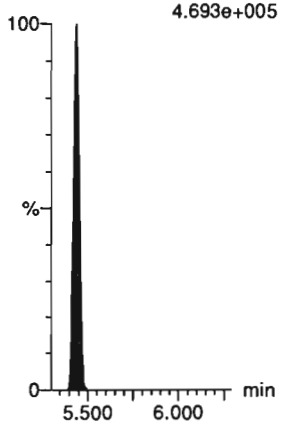
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.331e+005



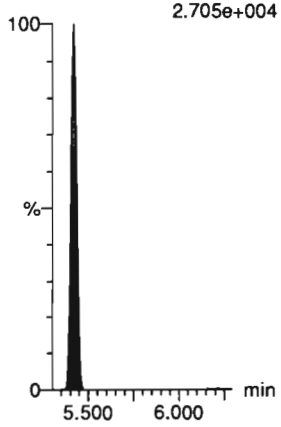
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.632e+004



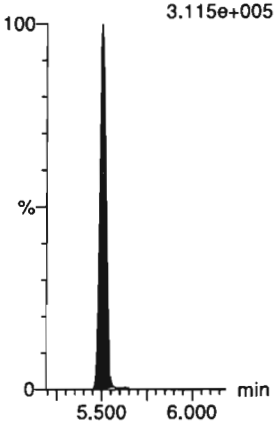
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.693e+005



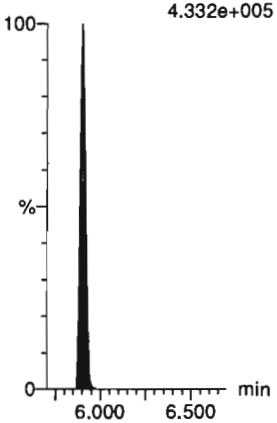
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.705e+004



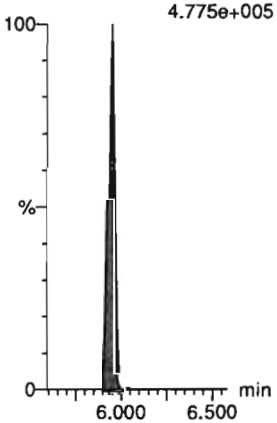
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.115e+005



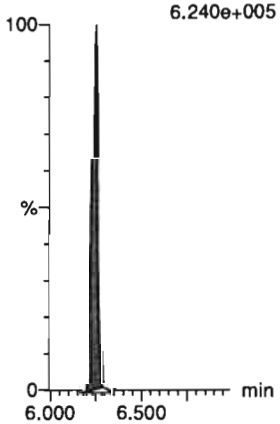
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.332e+005



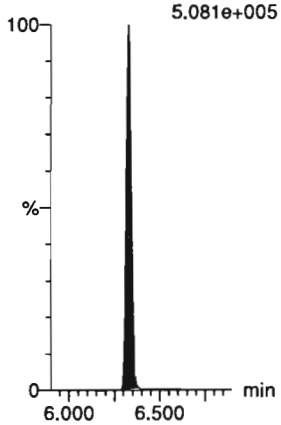
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.775e+005



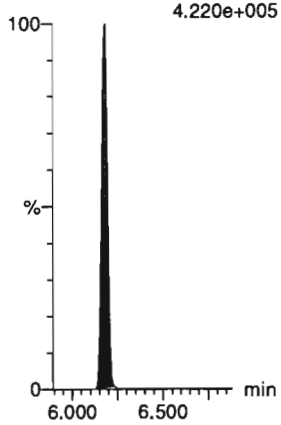
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.240e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.081e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.220e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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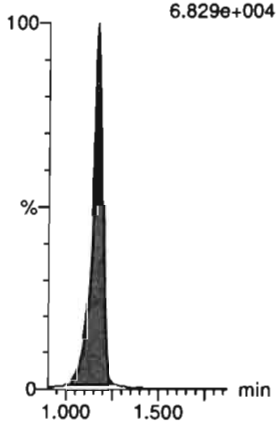
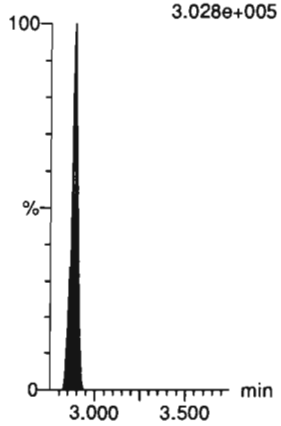
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-6, Date: 09-Jun-2020, Time: 14:06:03, ID: ST200609P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

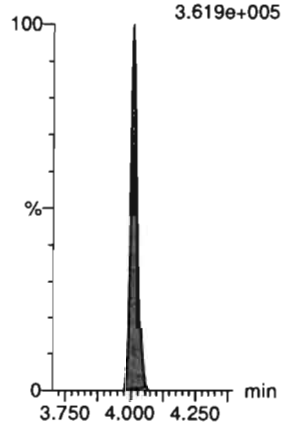
13C4-PFBA



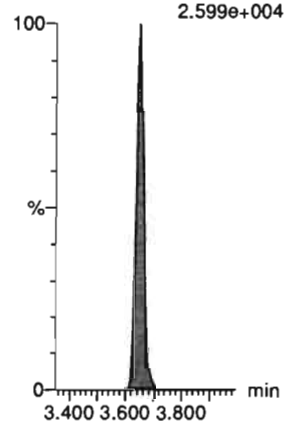
13C5-PFHxA



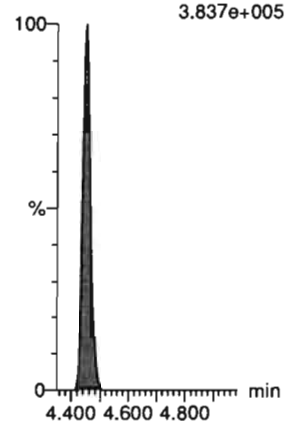
13C8-PFOA



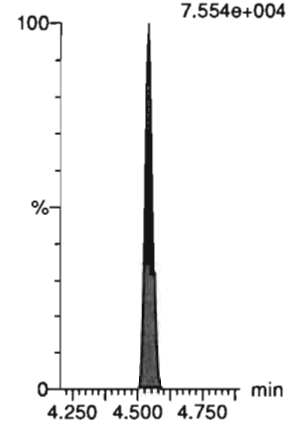
18O2-PFHxS



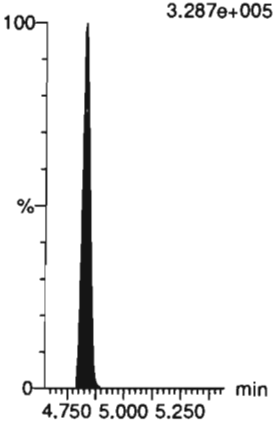
13C9-PFNA



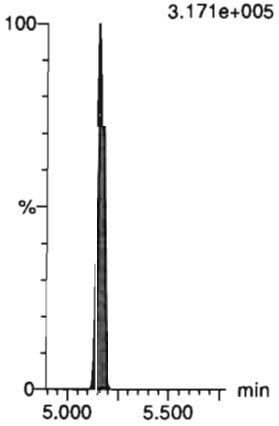
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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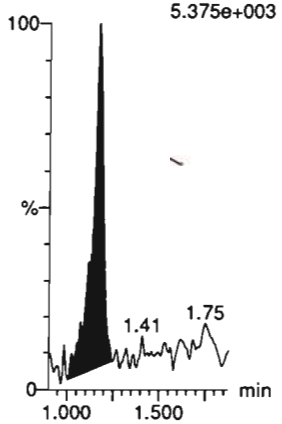
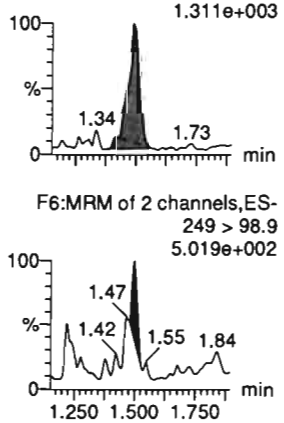
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

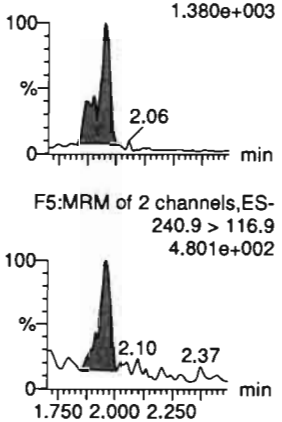
PFBA



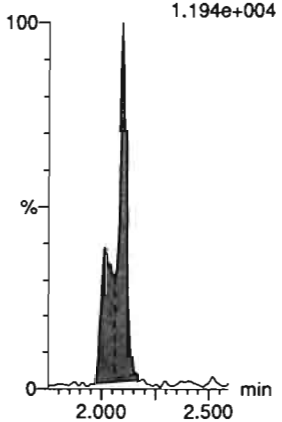
PFPrS



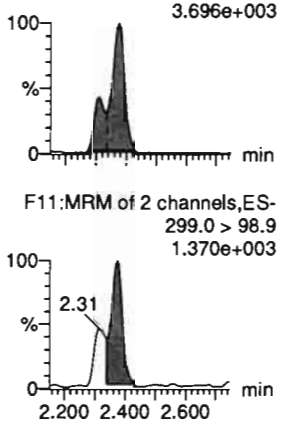
3:3 FTCA



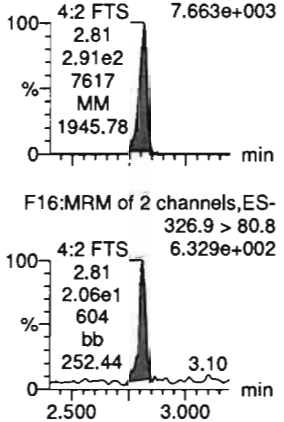
PFPeA



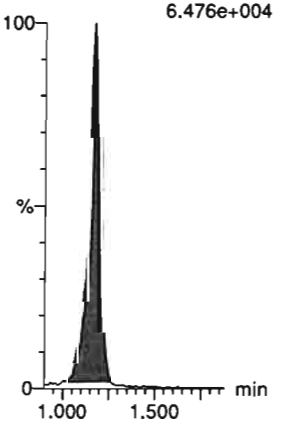
PFBS



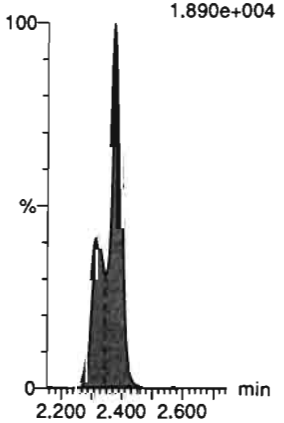
4:2 FTS



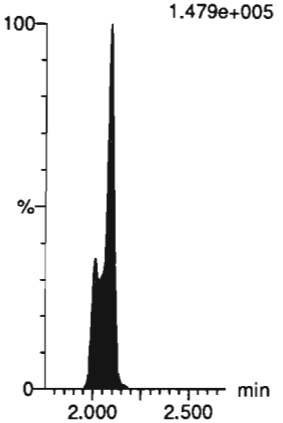
13C3-PFBA-EIS



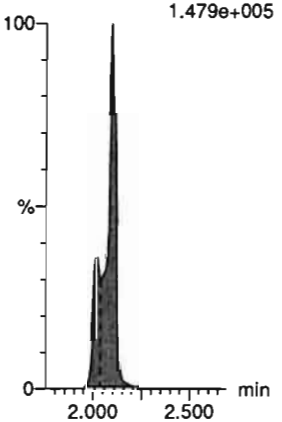
13C3-PFBS-EIS



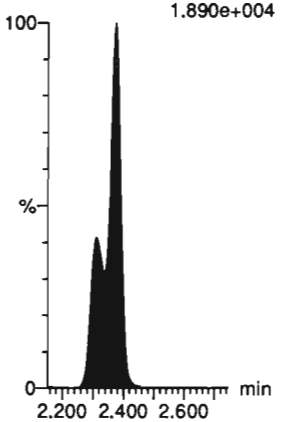
13C3-PFPeA-EIS



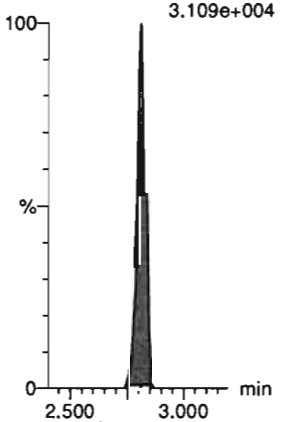
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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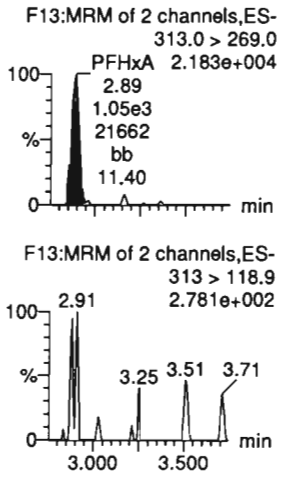
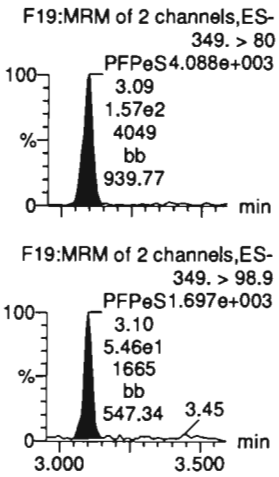
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

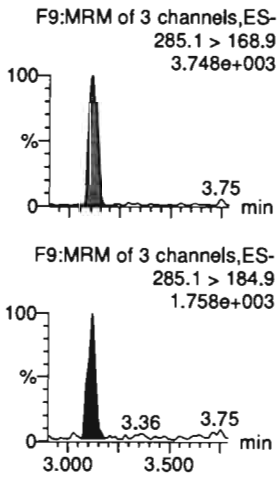
PFHxA



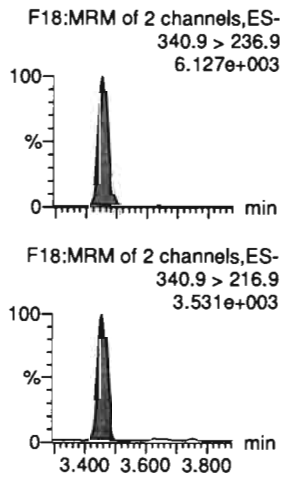
PFPeS



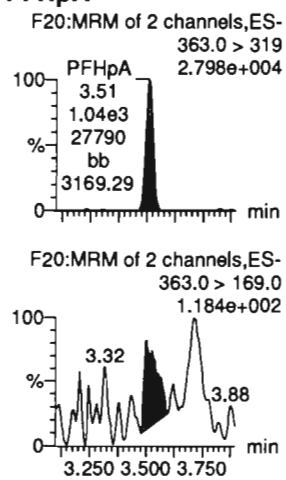
HFPO-DA



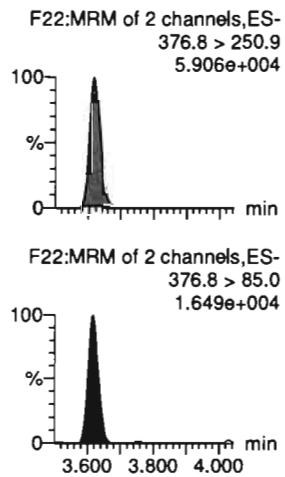
5:3 FTCA



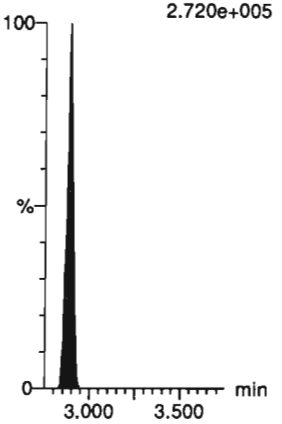
PFHpA



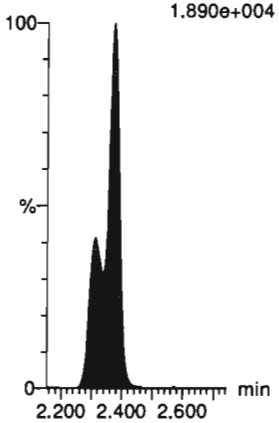
ADONA



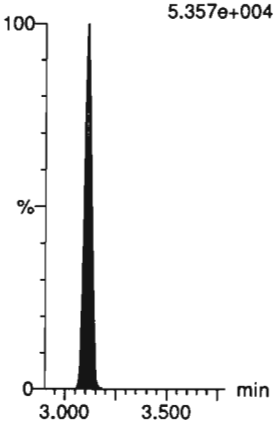
13C2-PFHxA-EIS



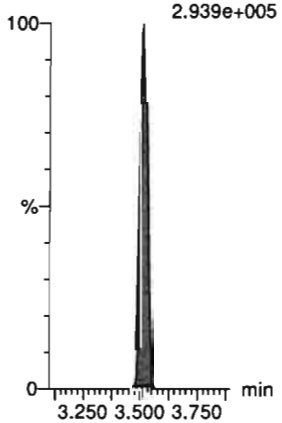
13C3-PFBS-EIS



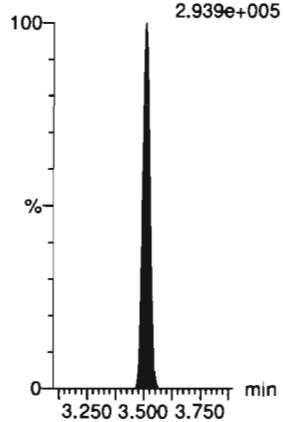
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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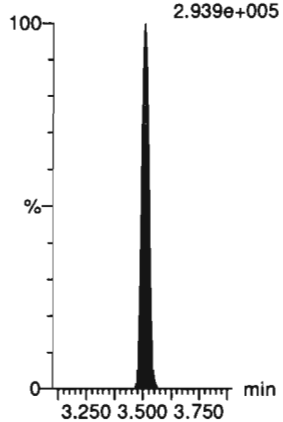

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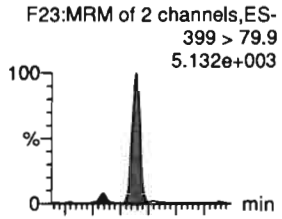
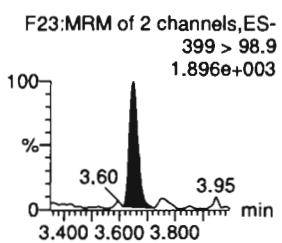
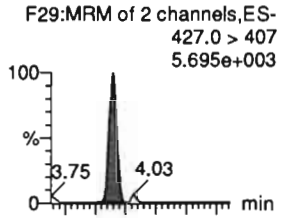
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

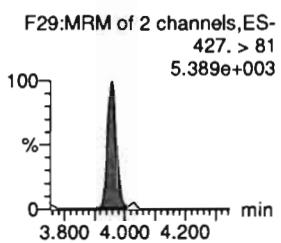
L-PFHxS



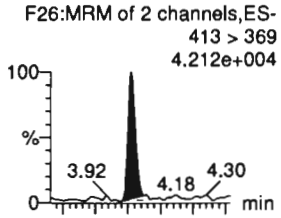


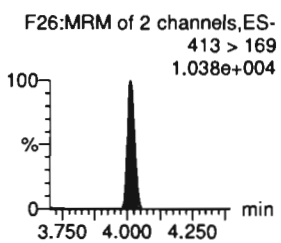
6:2 FTS



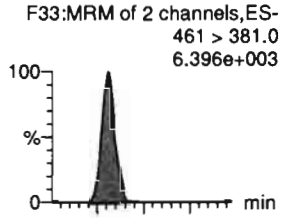


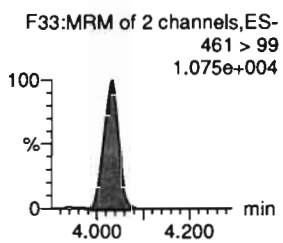
L-PFOA



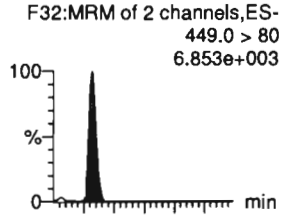


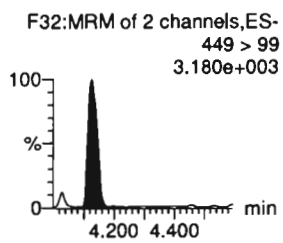
PFEChS



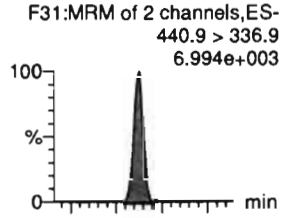


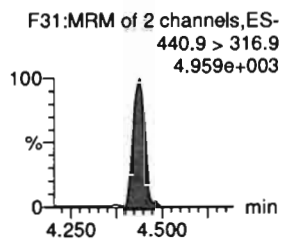
PFHpS



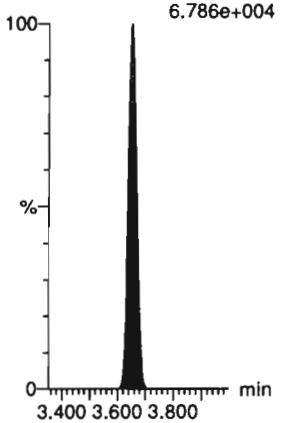


7:3 FTCA

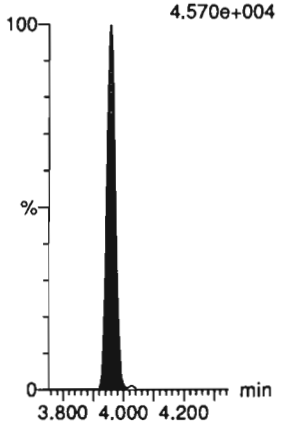




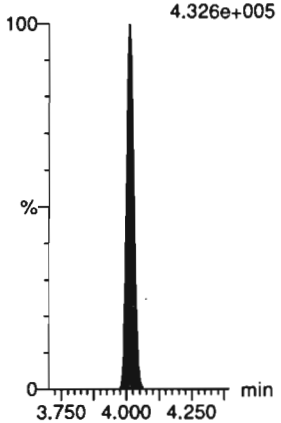
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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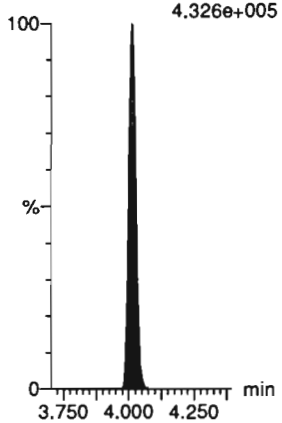
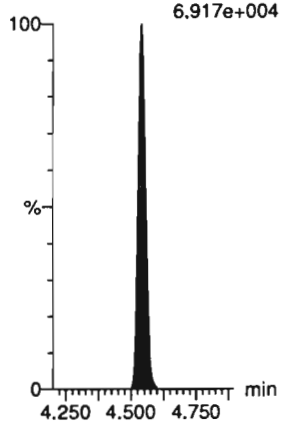
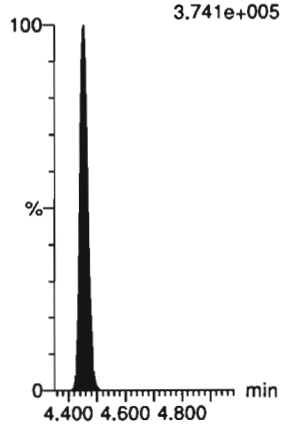


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

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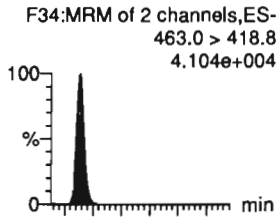

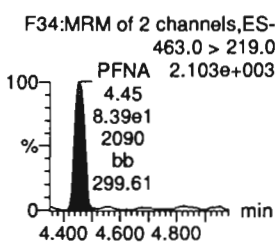

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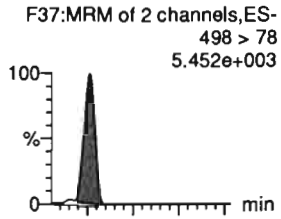
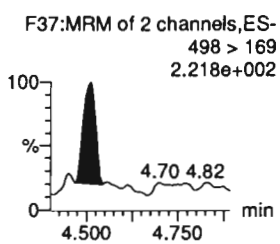
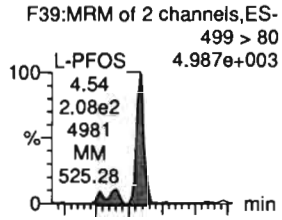
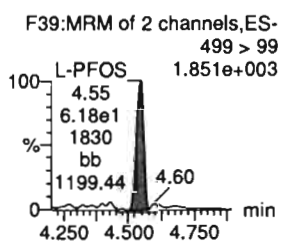


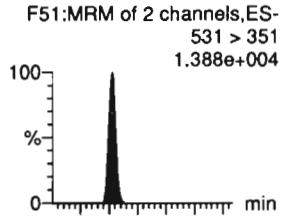


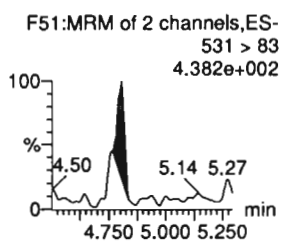
L-PFOS





9Cl-PF30NS





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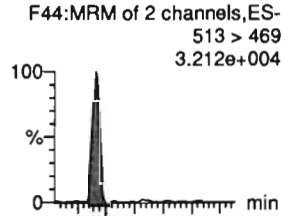
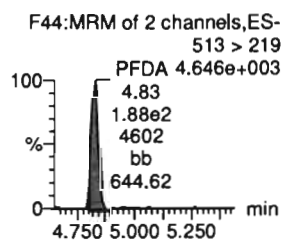
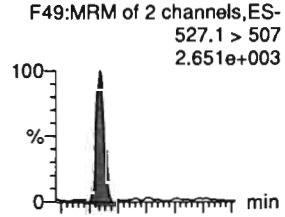
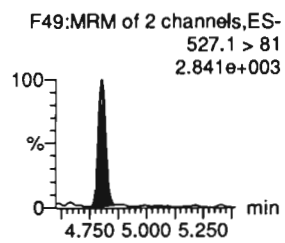


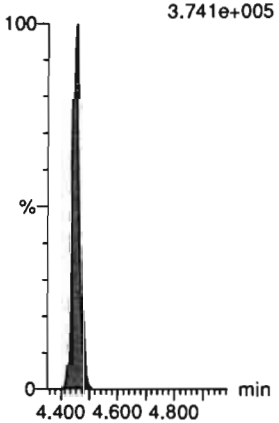


8:2 FTS

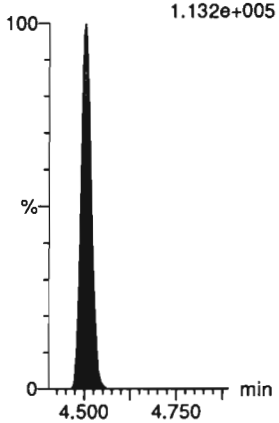




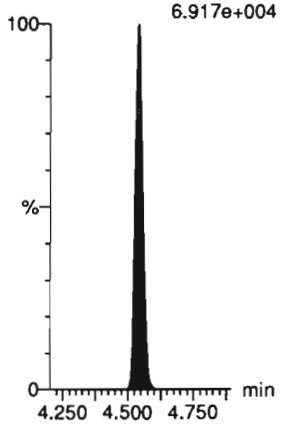
13C5-PFNA-EIS



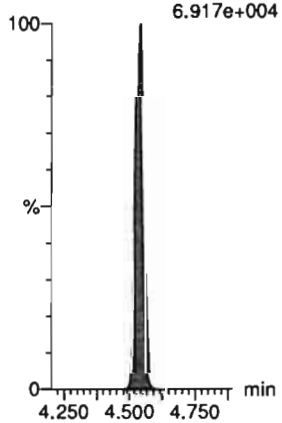
13C8-PFOSA-EIS



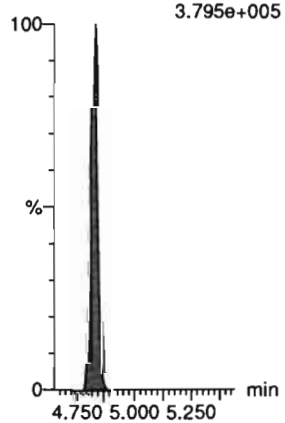
13C8-PFOS-EIS



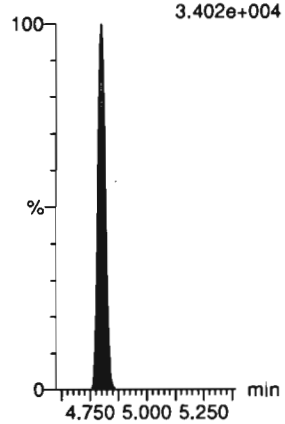
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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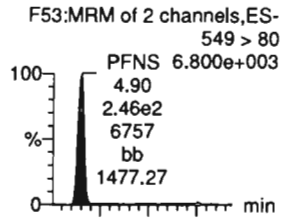
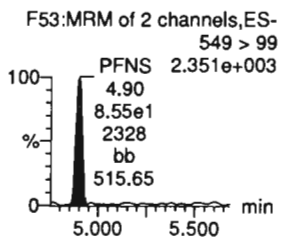
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

PFNS





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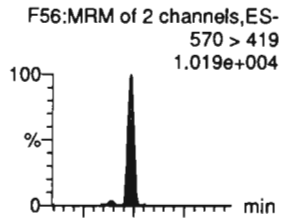

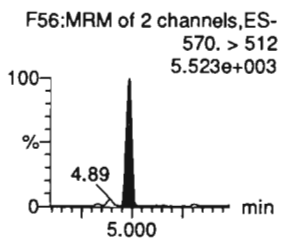

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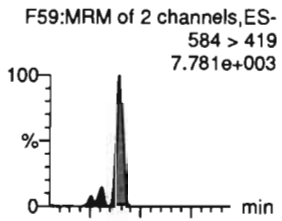
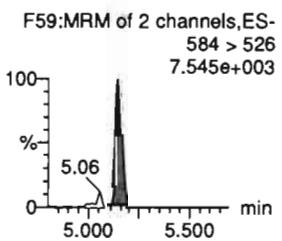
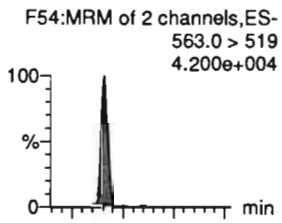
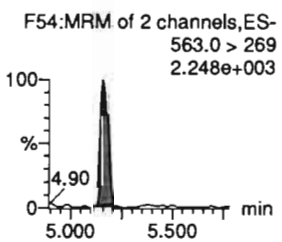




PFUdA





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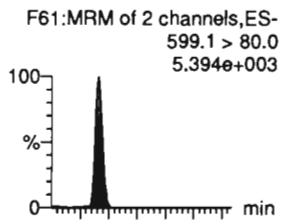
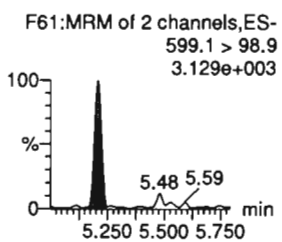
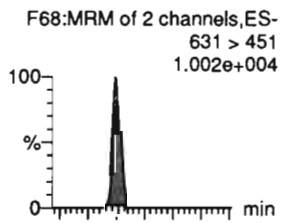
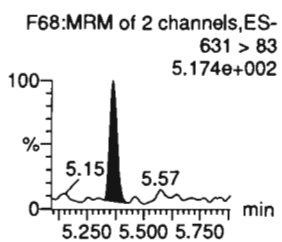


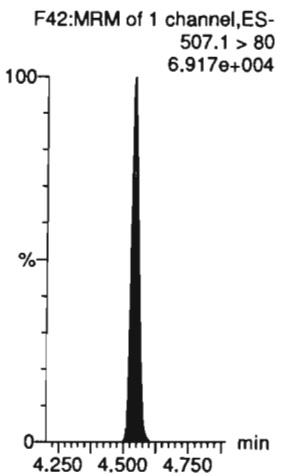


11Cl-PF30UdS

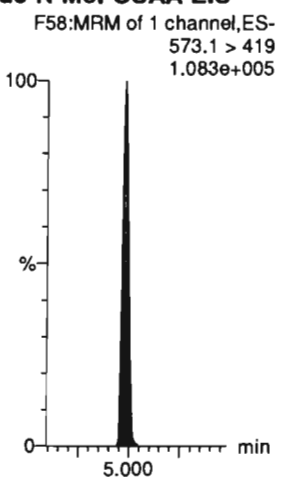




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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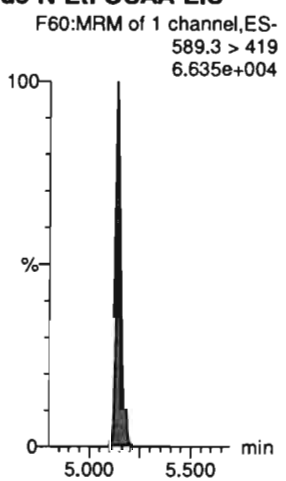
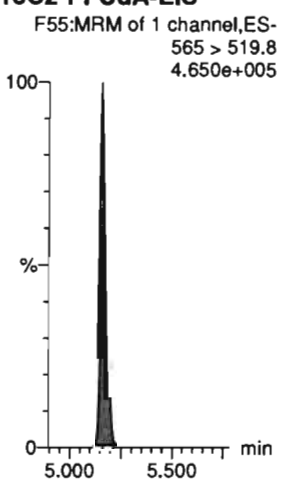


13C2-PFUdA-EIS



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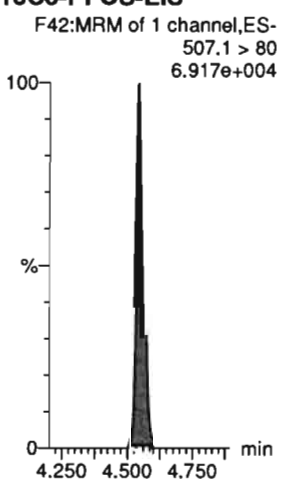

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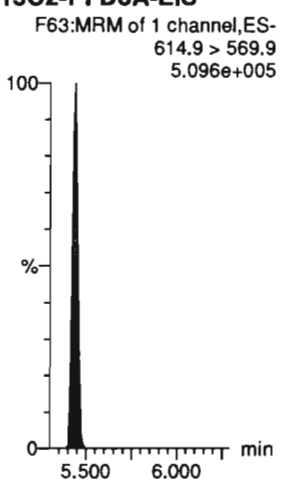

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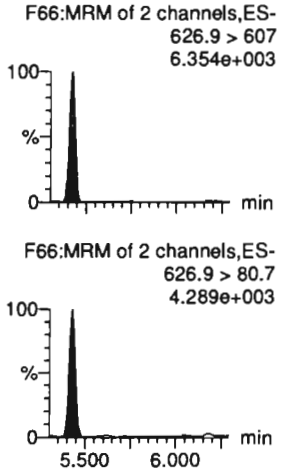
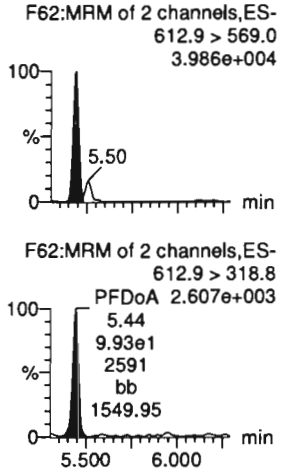
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

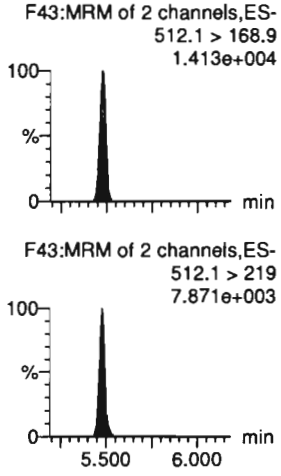
10:2 FTS



PFDoA



N-MeFOSA



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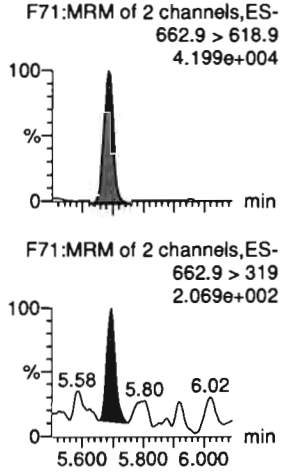
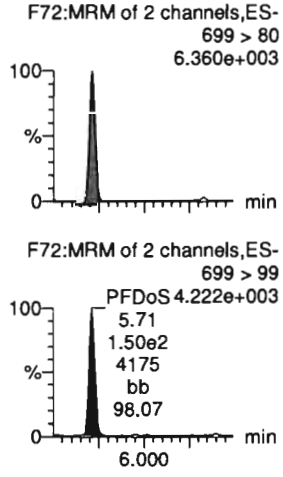
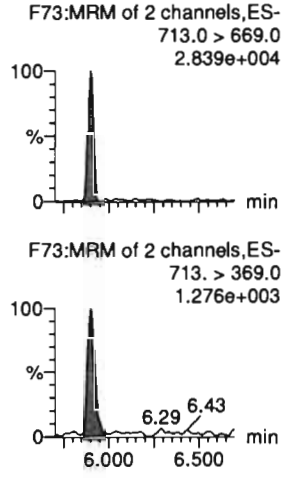


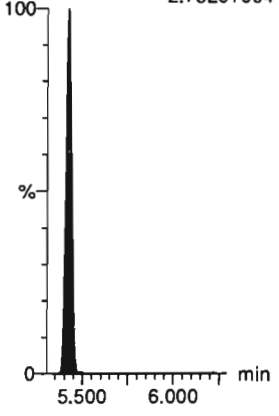
PFDoS



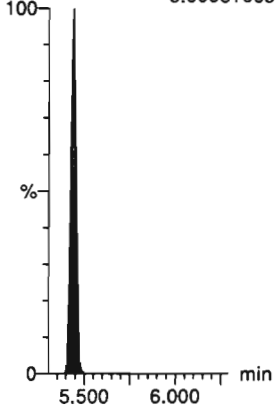
PFTeDA



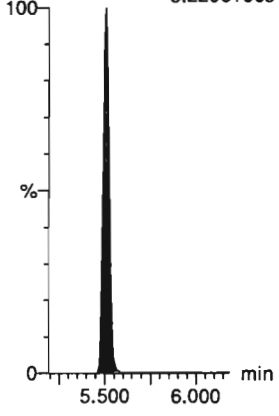
13C2-10:2 FTS-EIS



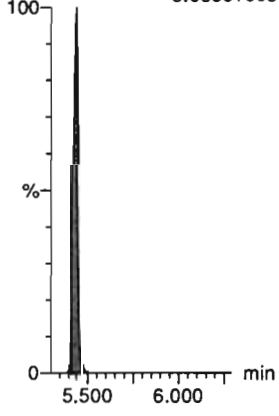
13C2-PFDoA-EIS



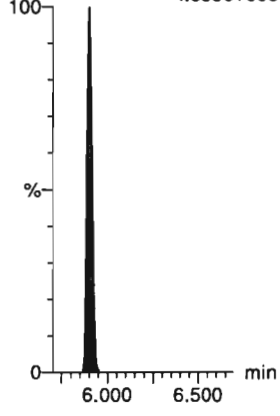
d3-N-MeFOSA-EIS



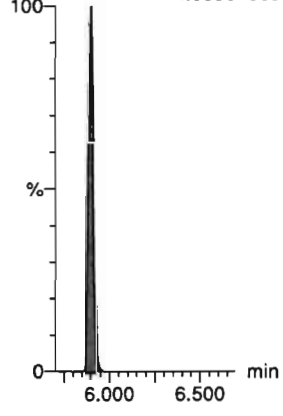
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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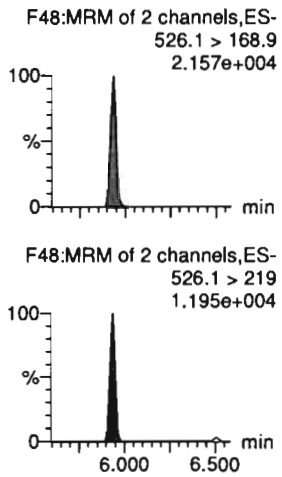
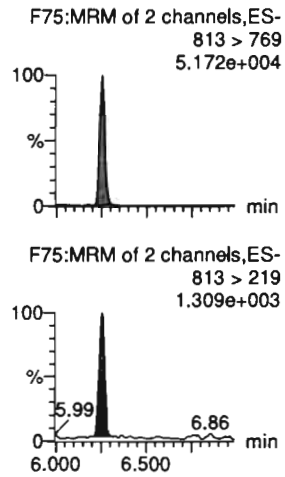
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

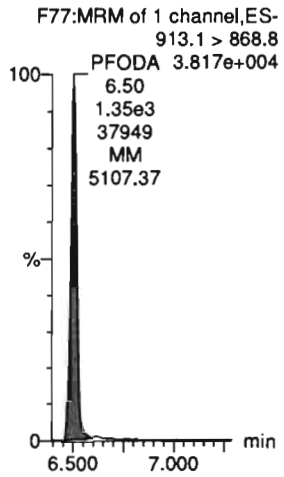
N-EtFOSA



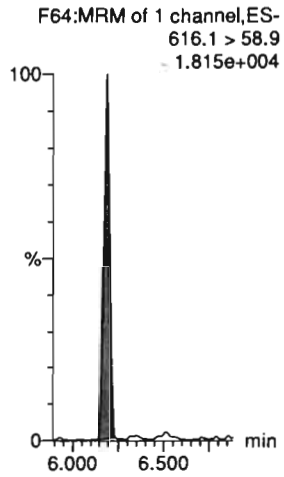
PFHxDA



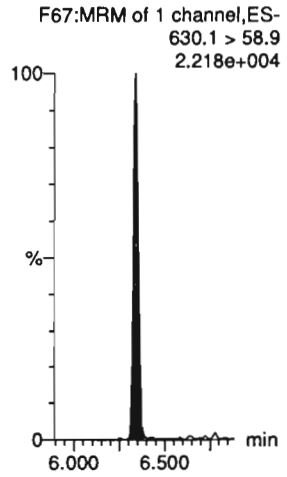
PFODA



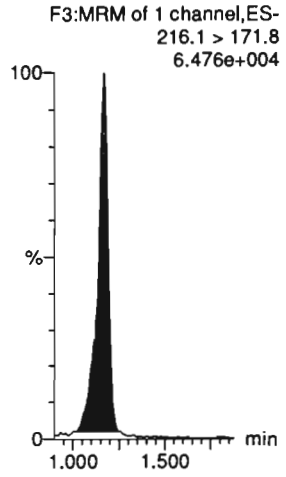
N-MeFOSE



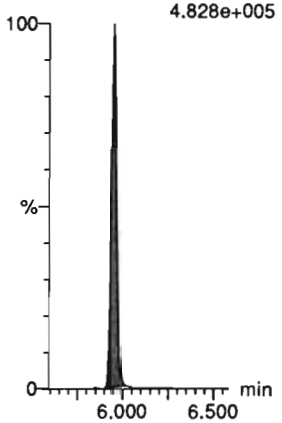
N-EtFOSE



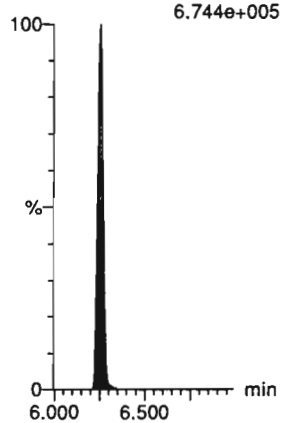
13C3-PFBA-RSD



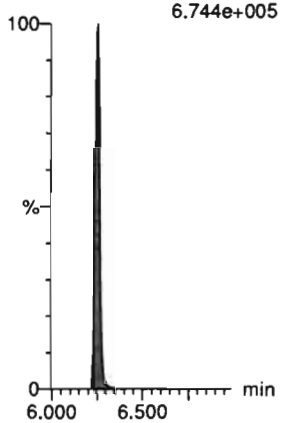
d5-N-ETFOSA-EIS



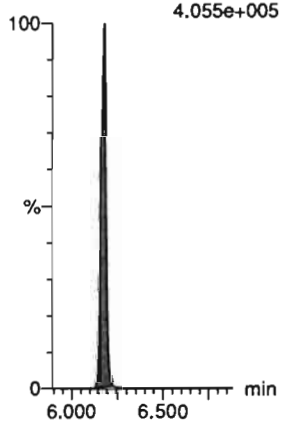
13C2-PFHxDA-EIS



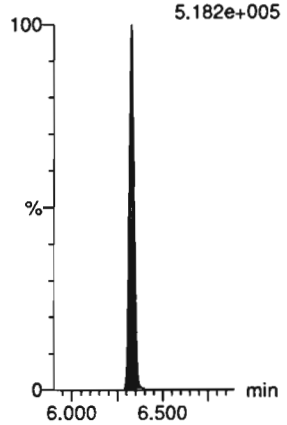
13C2-PFHxDA-EIS



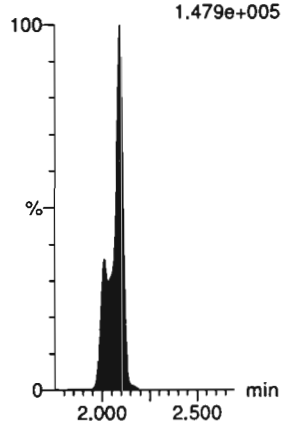
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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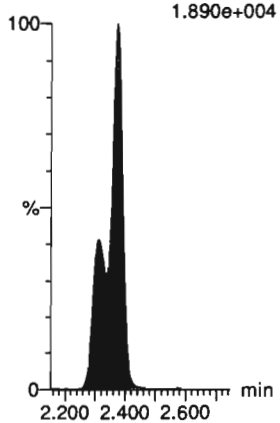
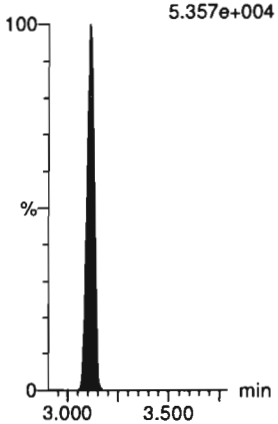
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

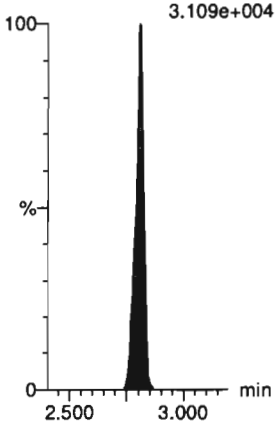
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.890e+004



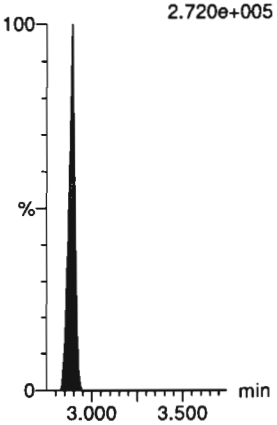
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.357e+004



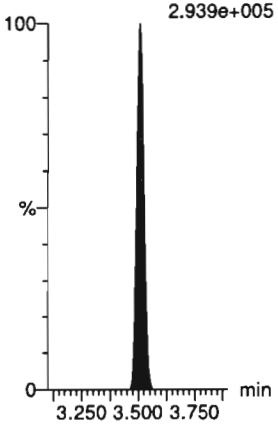
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.109e+004



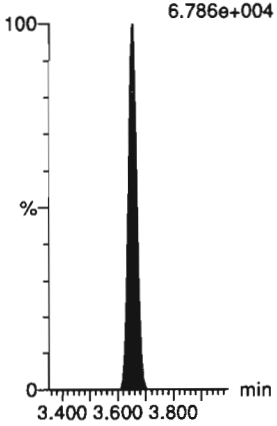
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.720e+005



13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.939e+005

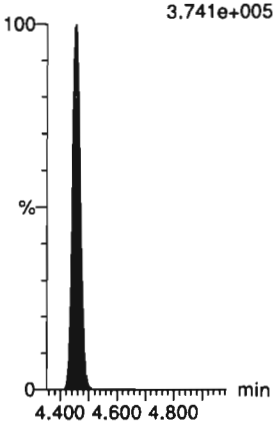


13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.786e+004

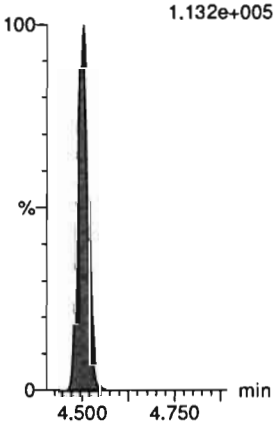


13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.570e+004

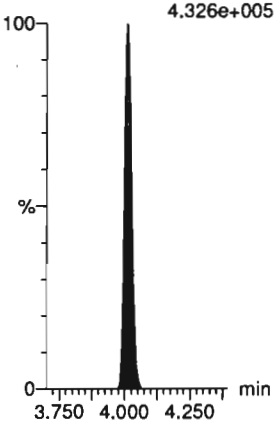
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.741e+005



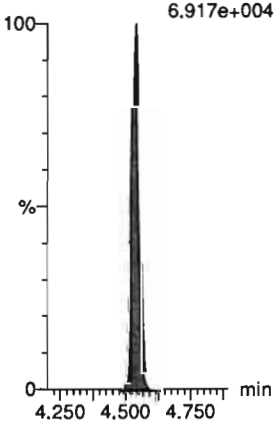
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.132e+005



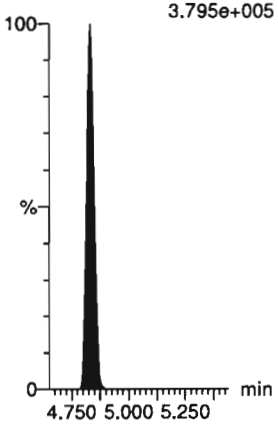
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.326e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.917e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.795e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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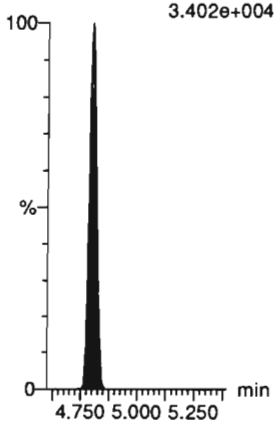
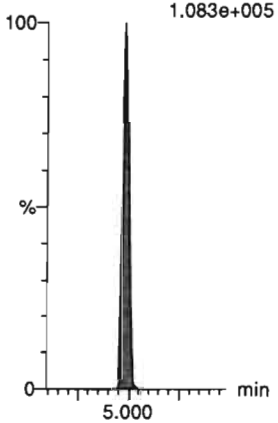
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

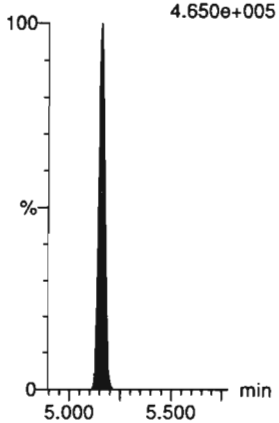
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.402e+004



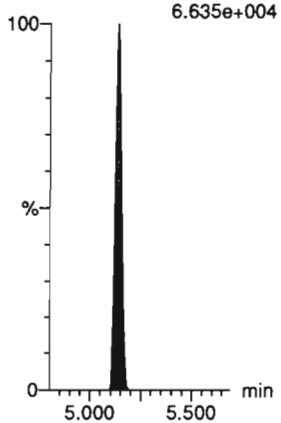
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.083e+005



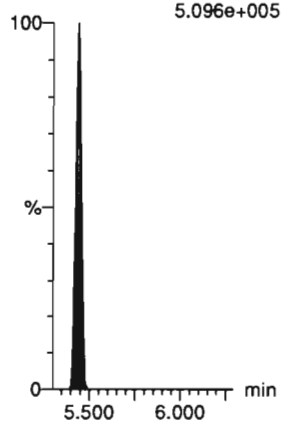
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.650e+005



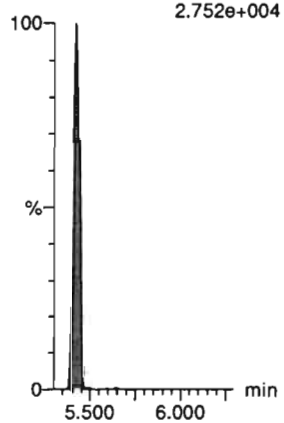
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.635e+004



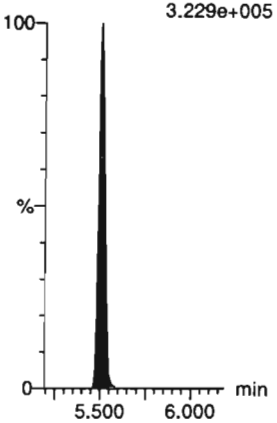
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.096e+005



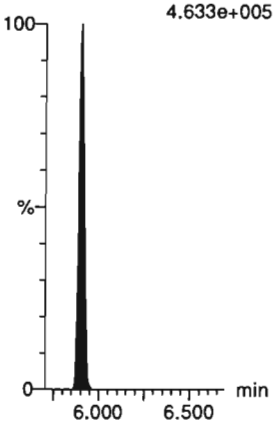
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.752e+004



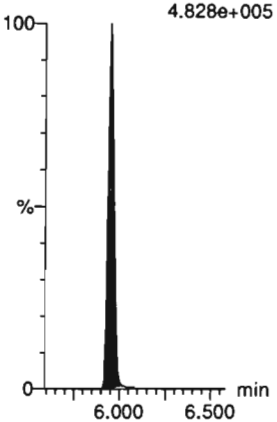
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.229e+005



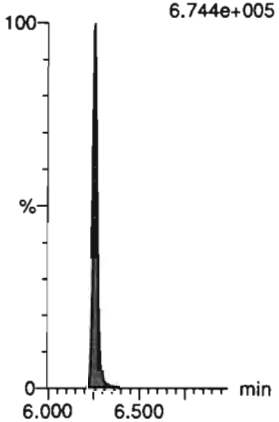
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.633e+005



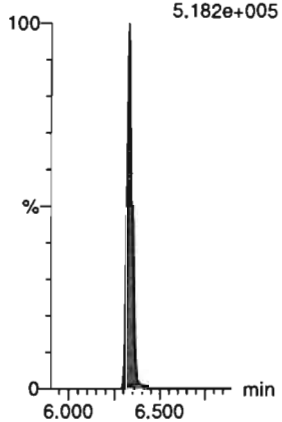
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.828e+005



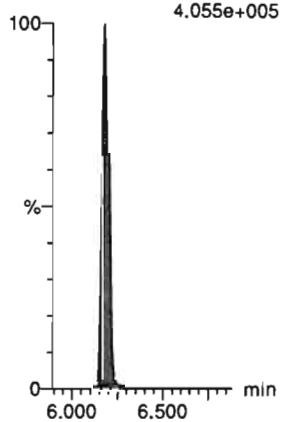
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.744e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.182e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.055e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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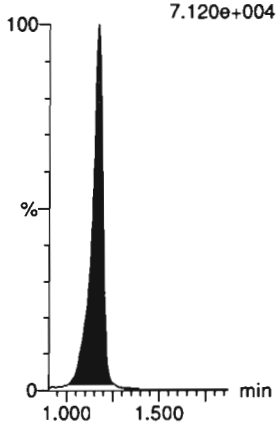
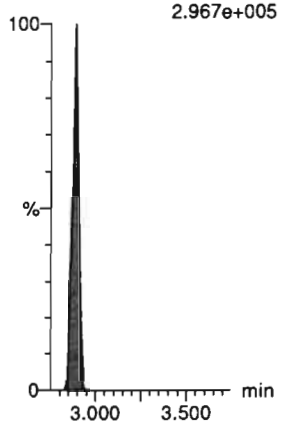
Name: 200609P1-7, Date: 09-Jun-2020, Time: 14:16:31, ID: ST200609P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

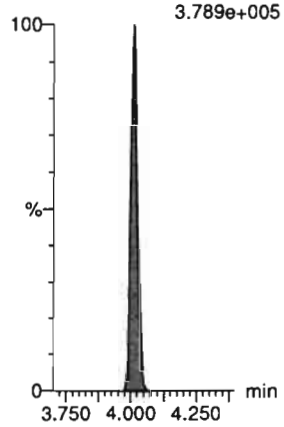
13C4-PFBA



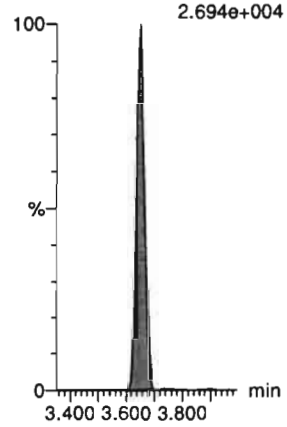
13C5-PFHxA



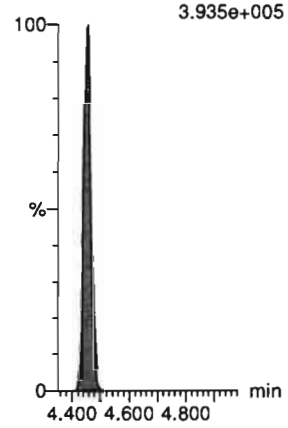
13C8-PFOA



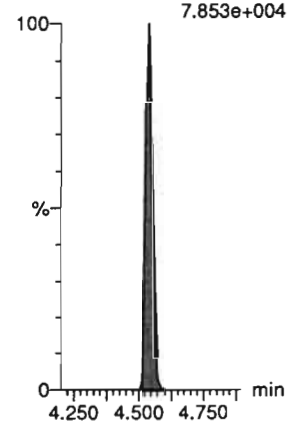
18O2-PFHxS



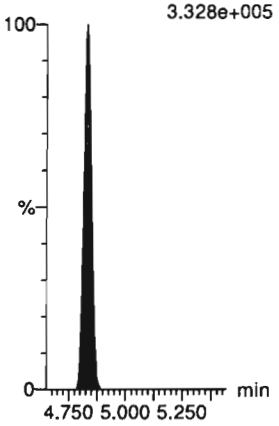
13C9-PFNA



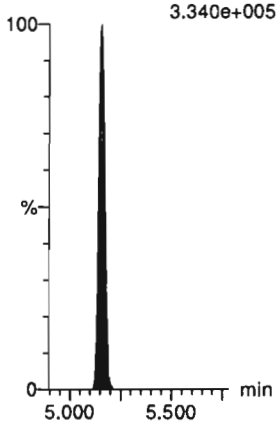
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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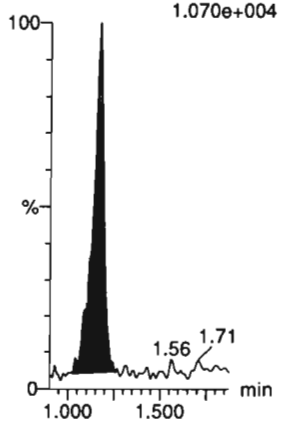
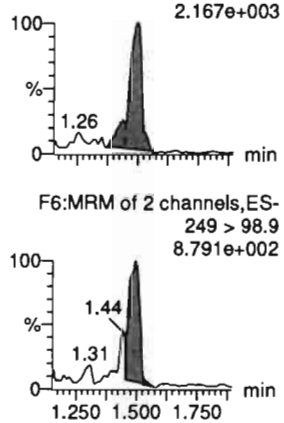
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

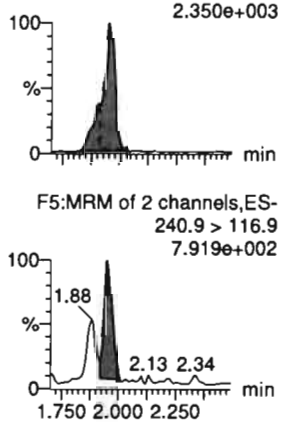
PFBA



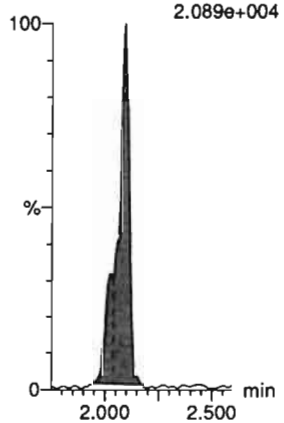
PFPrS



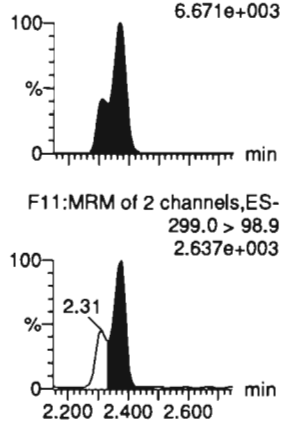
3:3 FTCA



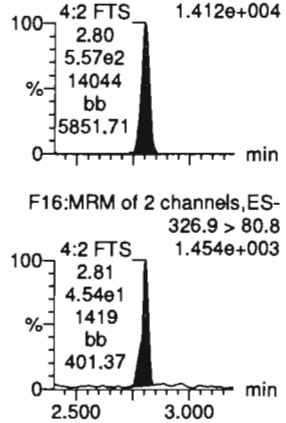
PFPeA



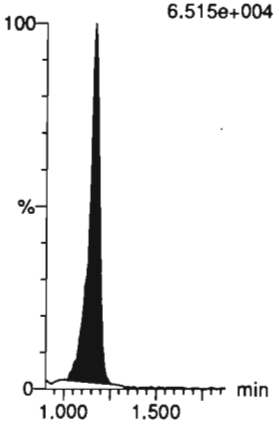
PFBS



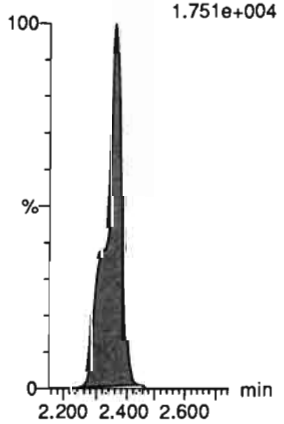
4:2 FTS



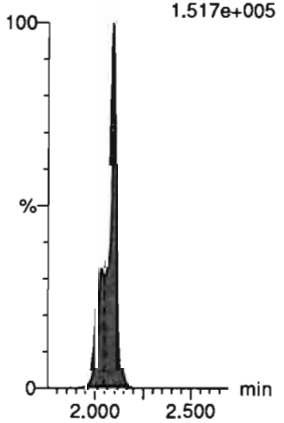
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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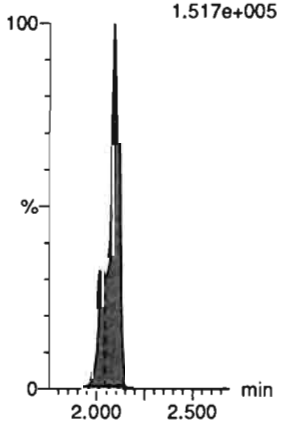
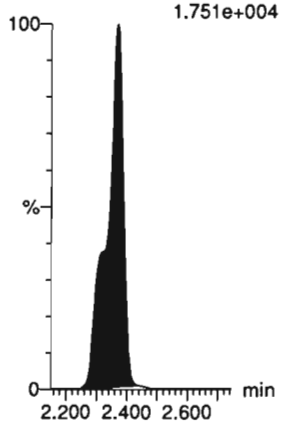
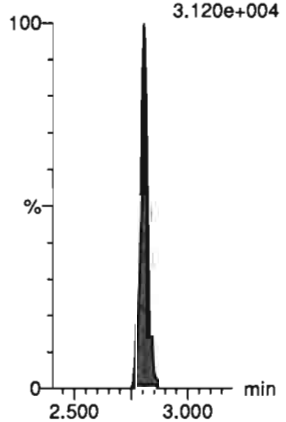


13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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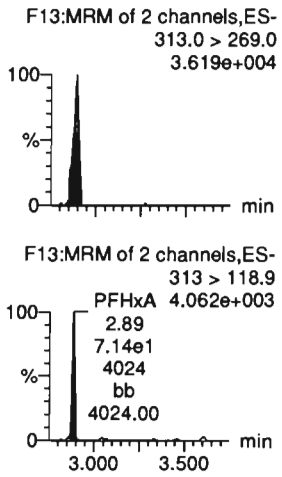
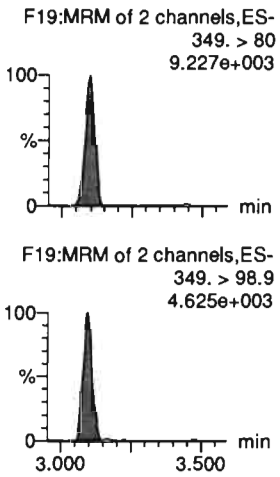
Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

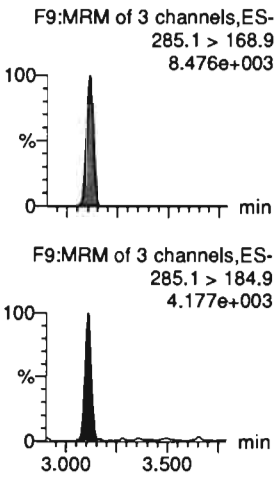
PFHxA



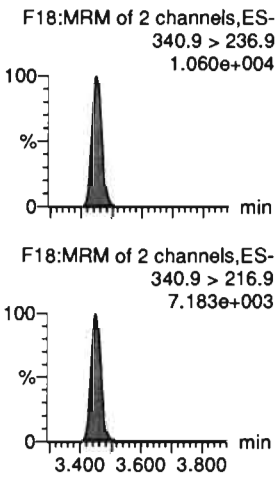
PFPeS



HFPO-DA



5:3 FTCA



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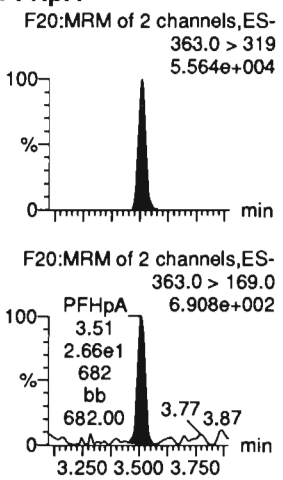
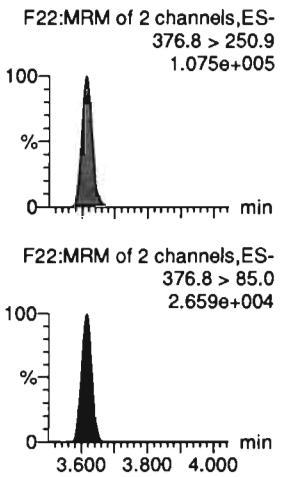
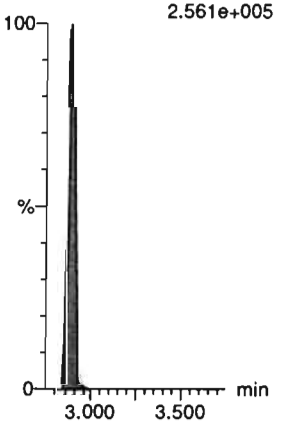


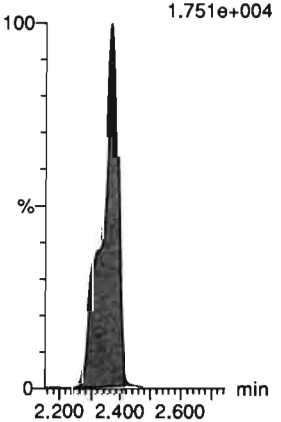
ADONA



13C2-PFHxA-EIS



13C3-PFBS-EIS



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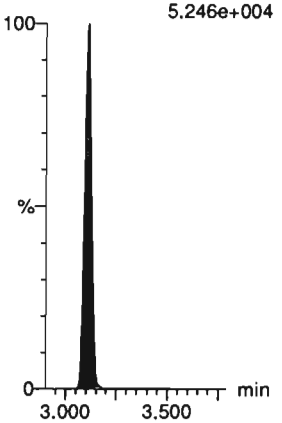

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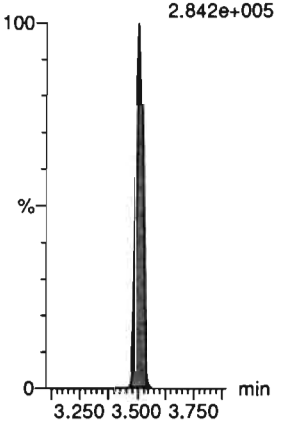

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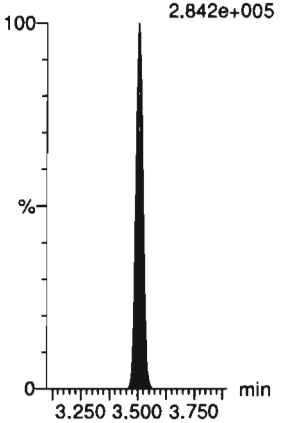

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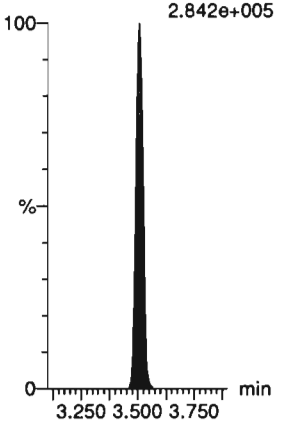

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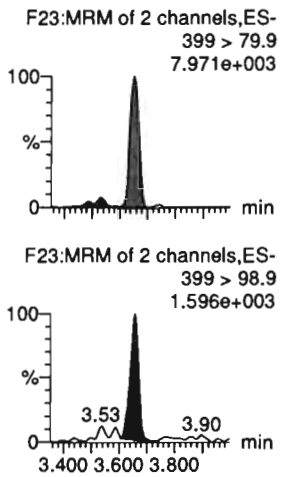
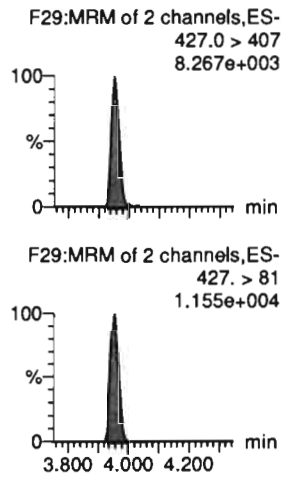
Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

L-PFHxS



6:2 FTS



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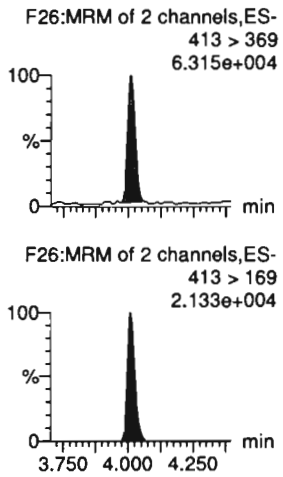
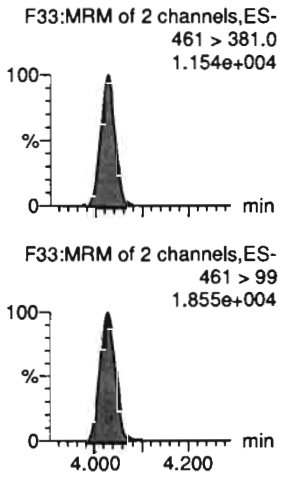
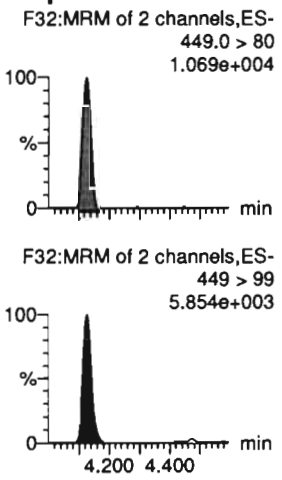


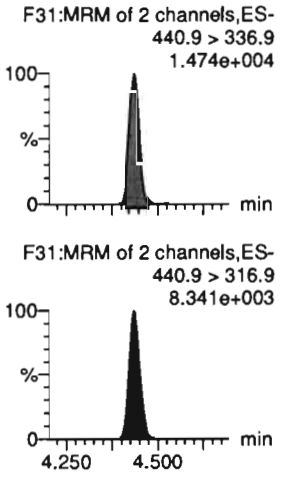
PFEChS



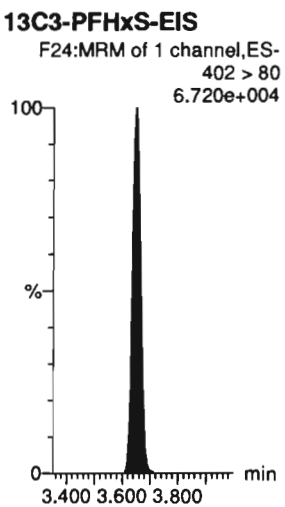
PFHpS



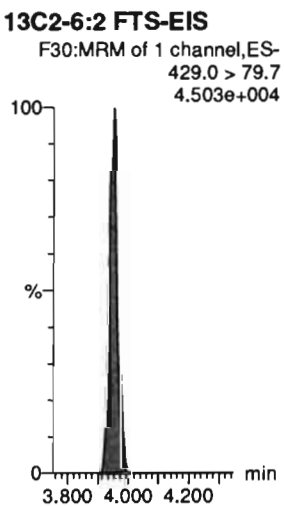
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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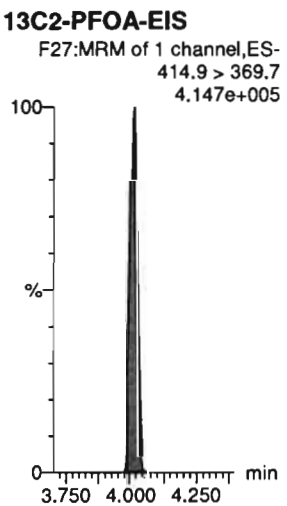

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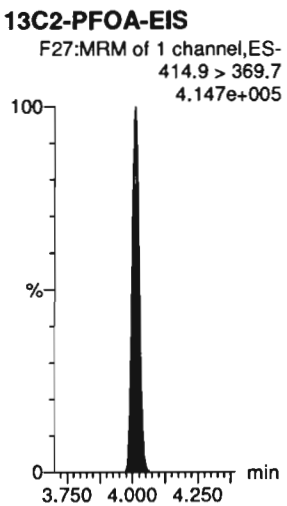
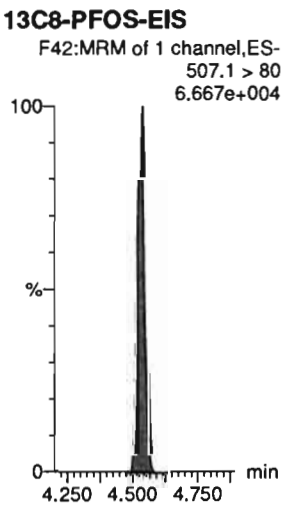
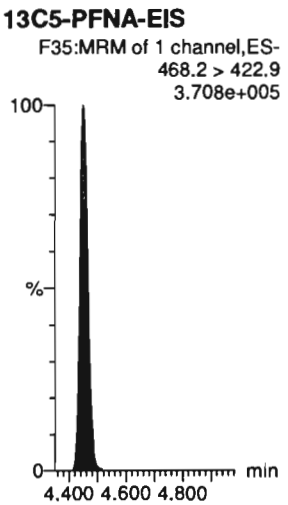


13C8-PFOS-EIS



13C5-PFNA-EIS



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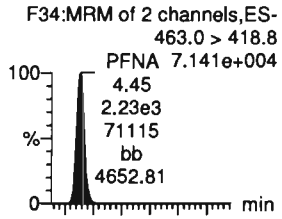
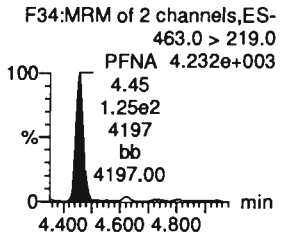
Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

PFNA





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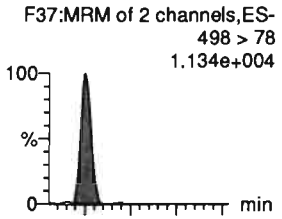
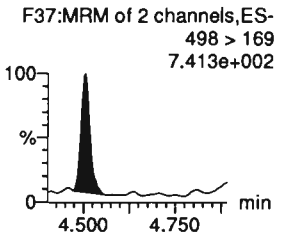
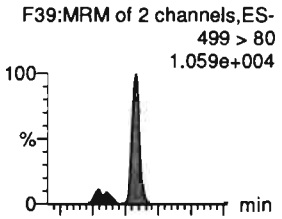
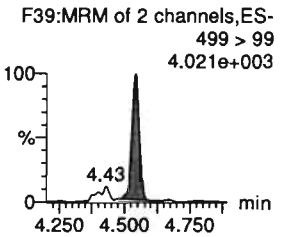


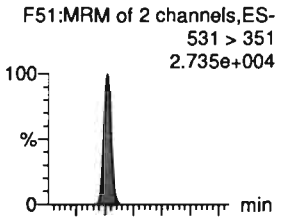


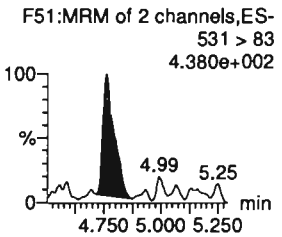
L-PFOS





9Cl-PF30NS





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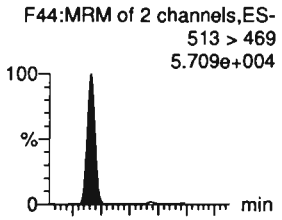
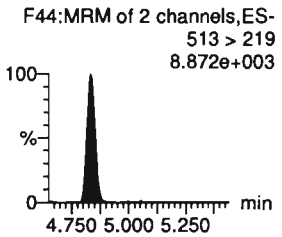
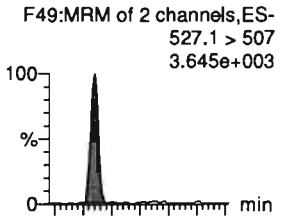
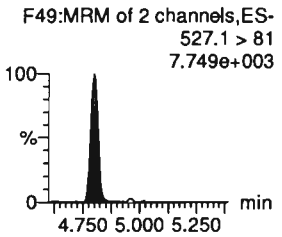


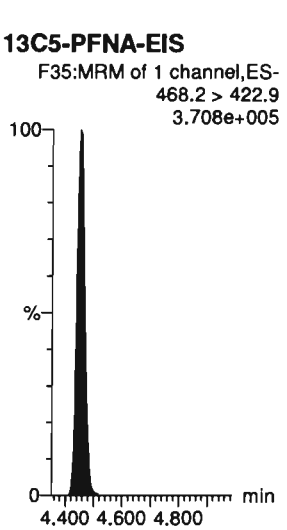


8:2 FTS

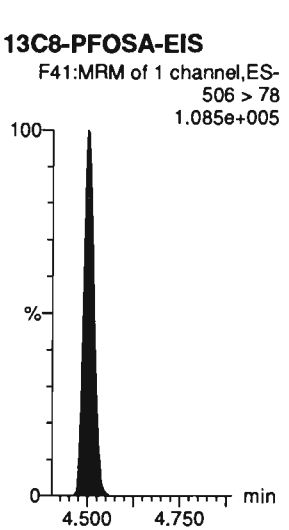




13C5-PFNA-EIS



13C8-PFOSA-EIS



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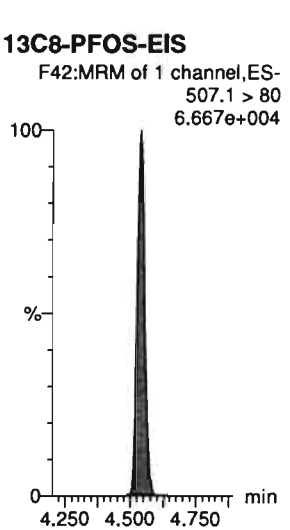

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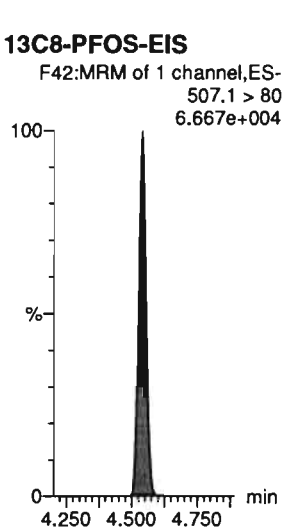

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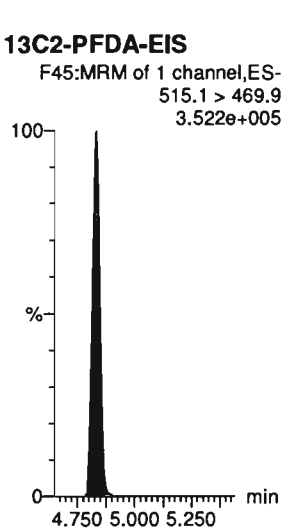
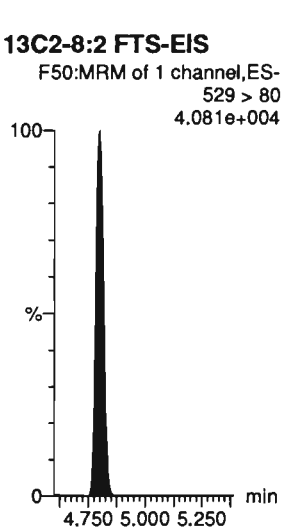


13C2-8:2 FTS-EIS



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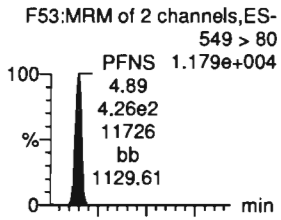
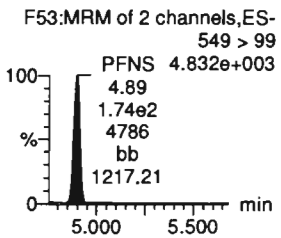
Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

PFNS





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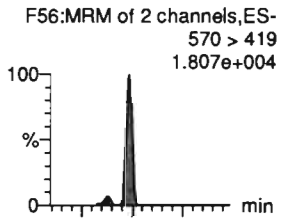

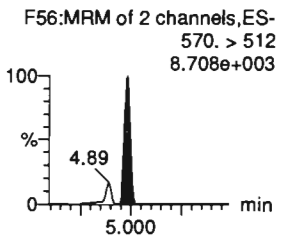

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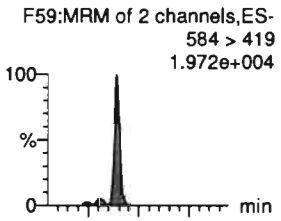

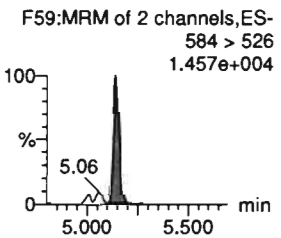

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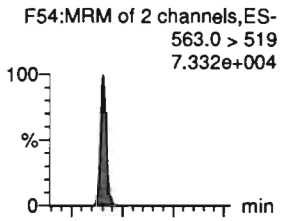

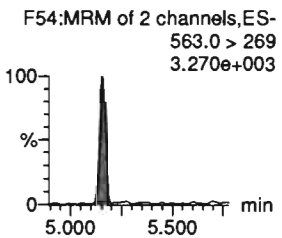

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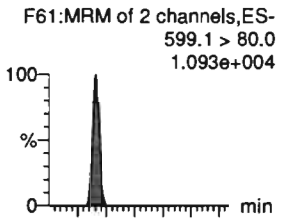

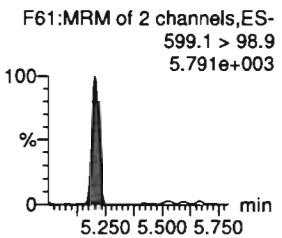

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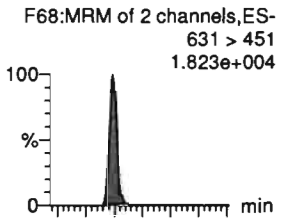

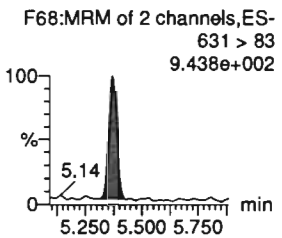

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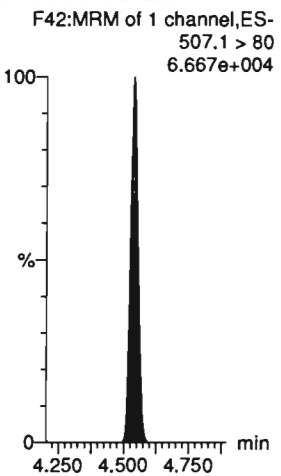

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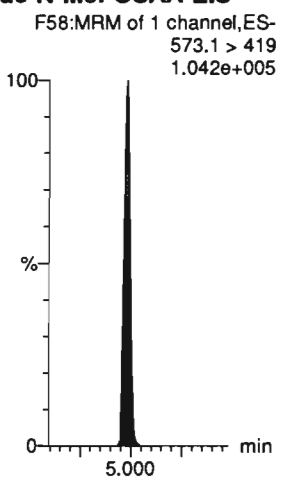

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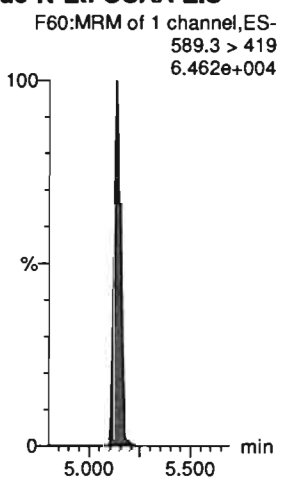

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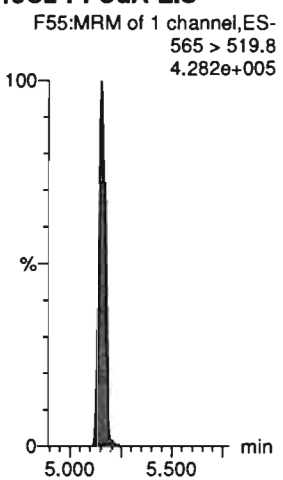

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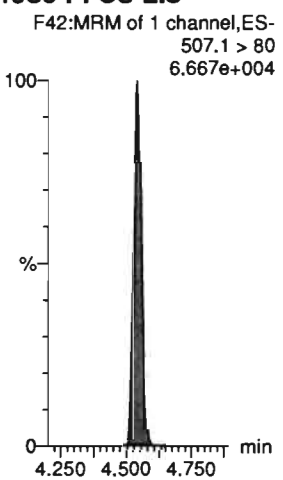

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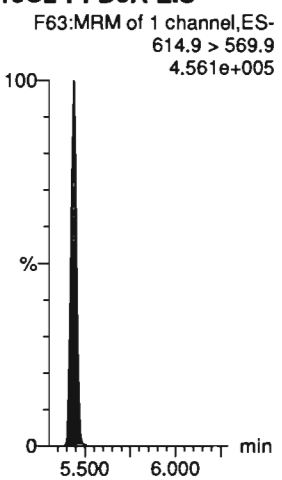

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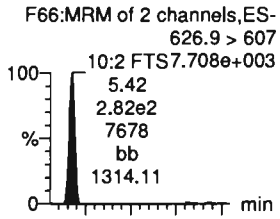
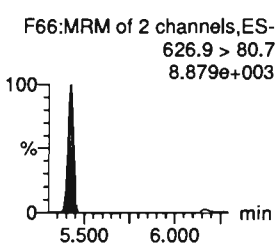
Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

10:2 FTS





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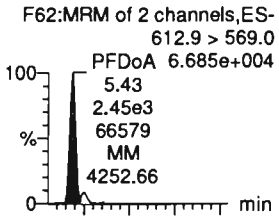

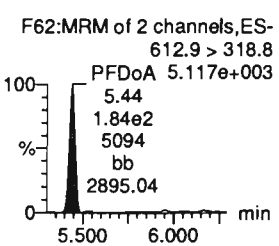

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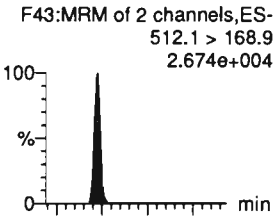

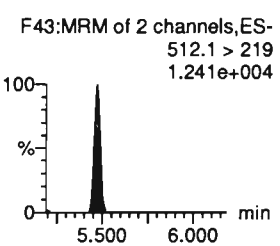

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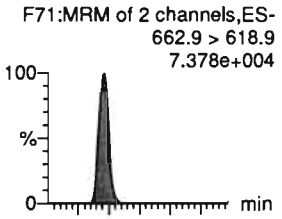

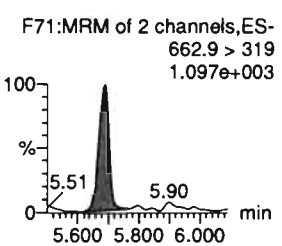

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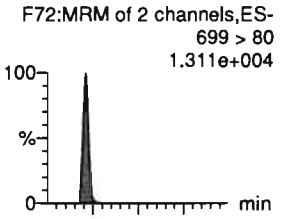

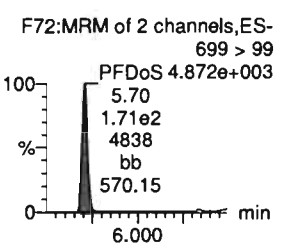

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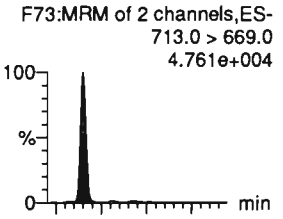

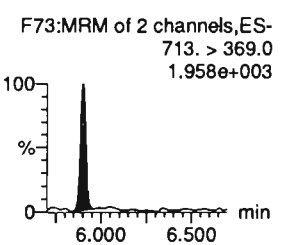

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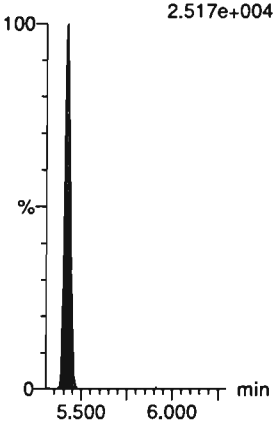
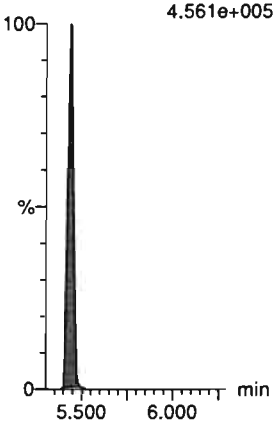


13C2-PFDoA-EIS



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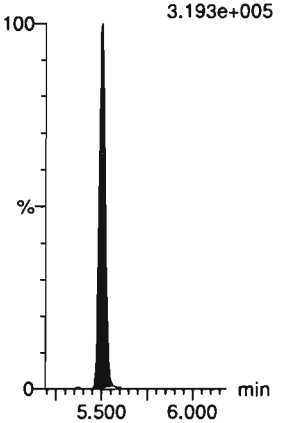

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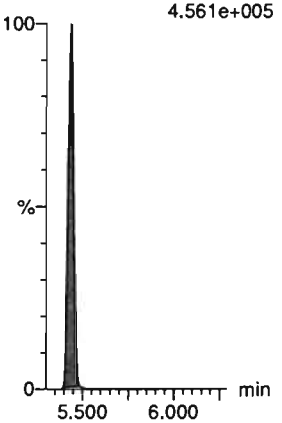

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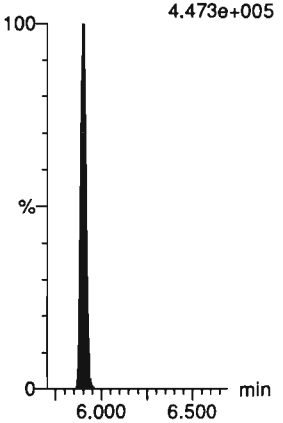

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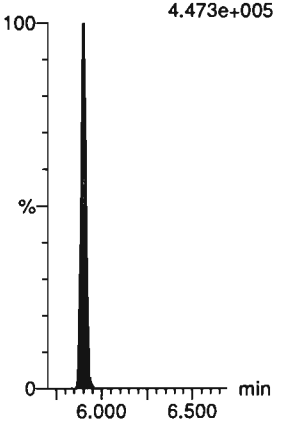

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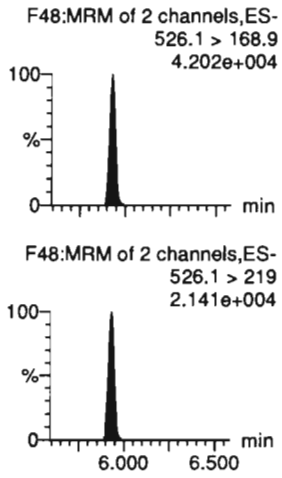
Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

N-EtFOSA



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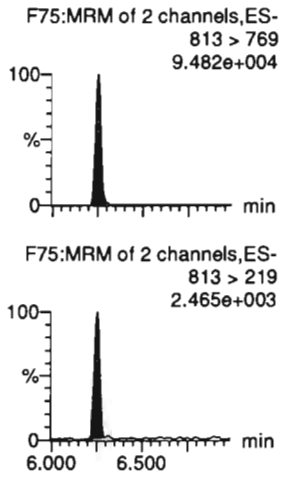

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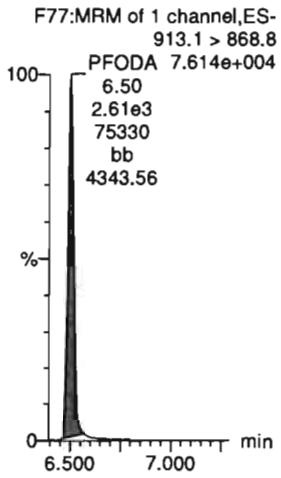

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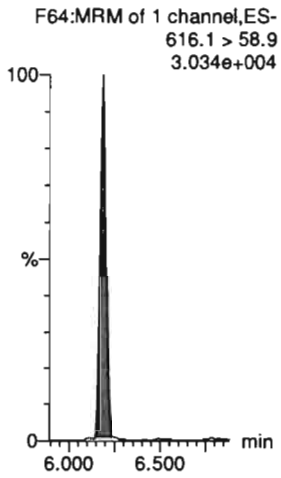
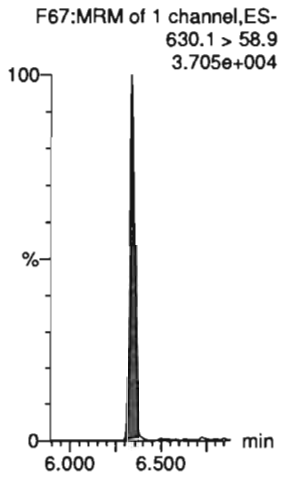
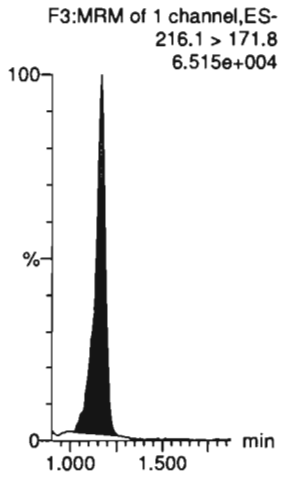


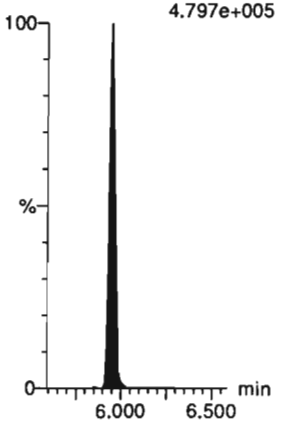
N-EtFOSE



13C3-PFBA-RSD



d5-N-ETFOSA-EIS



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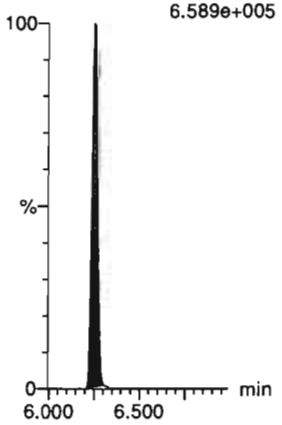

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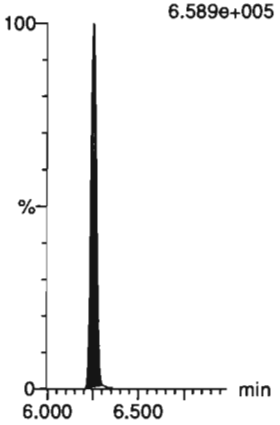

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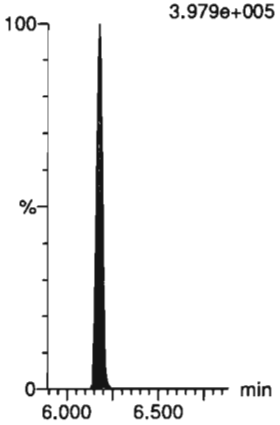
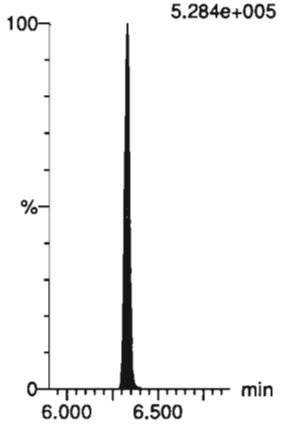
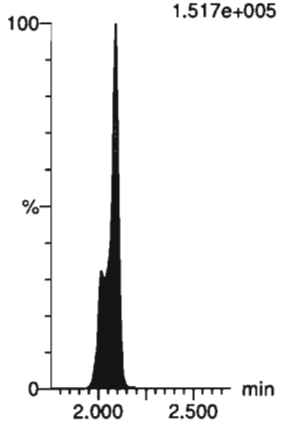


d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

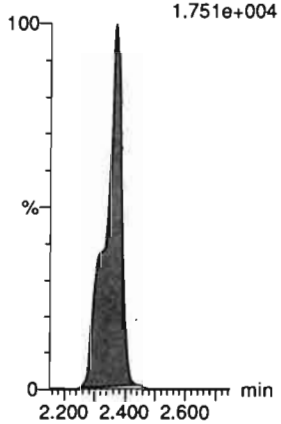


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

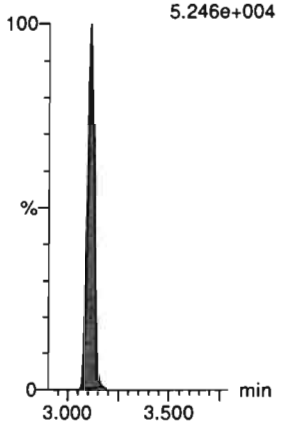
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

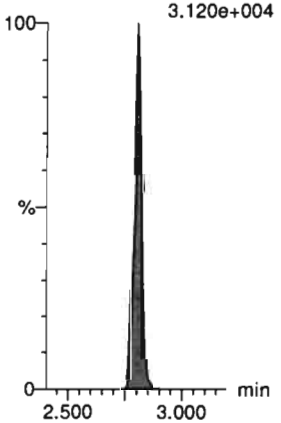
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.751e+004



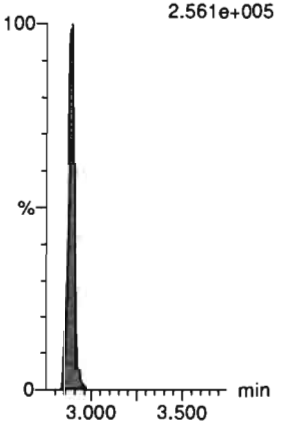
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.246e+004



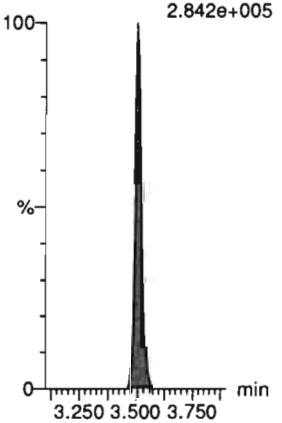
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.120e+004



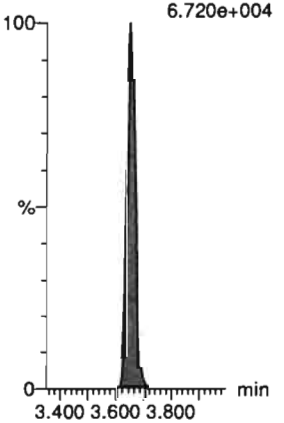
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.561e+005



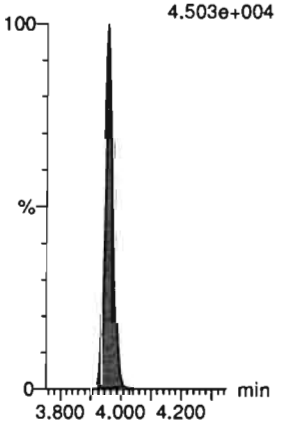
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.842e+005



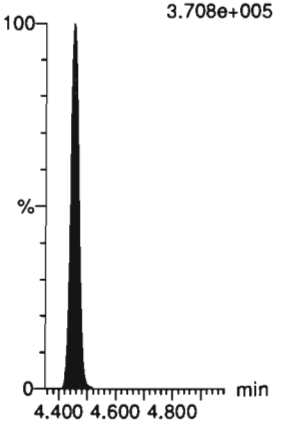
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.720e+004



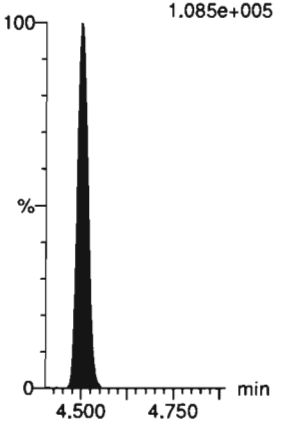
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.503e+004



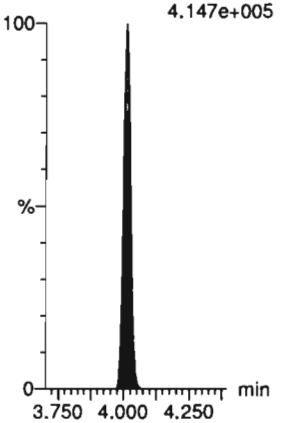
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.708e+005



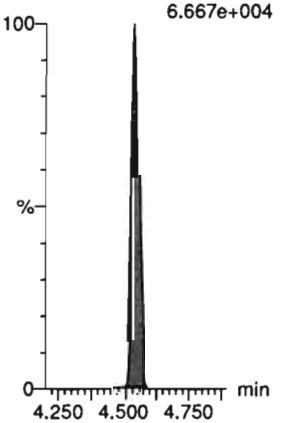
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.085e+005



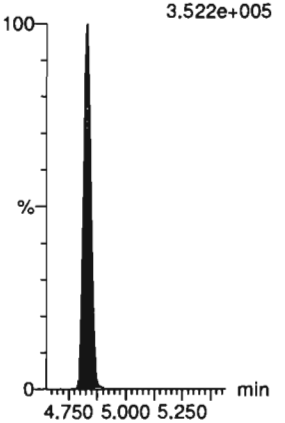
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.147e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.667e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.522e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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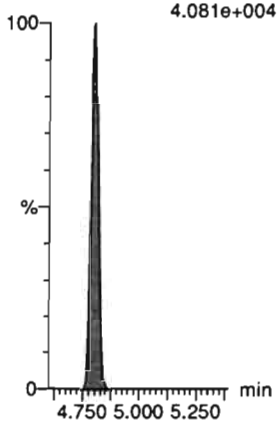
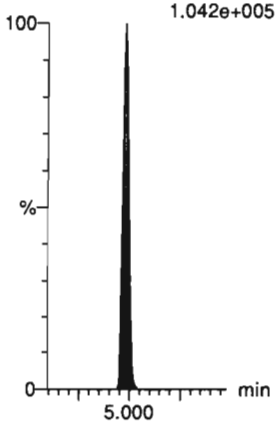
Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

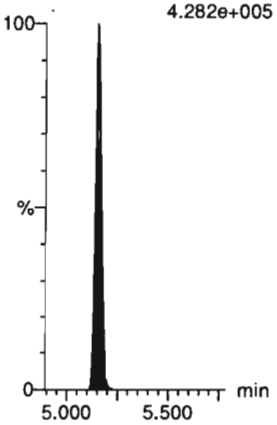
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.081e+004



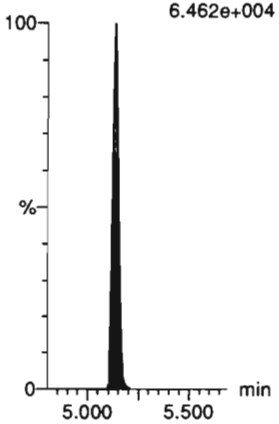
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.042e+005



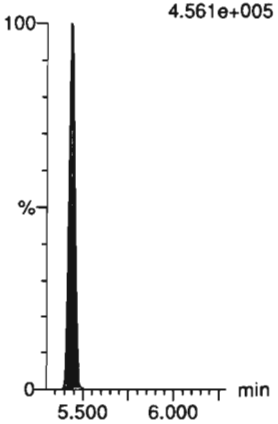
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.282e+005



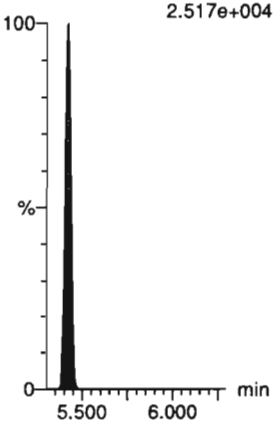
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.462e+004



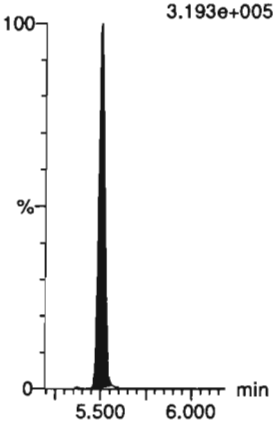
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.561e+005



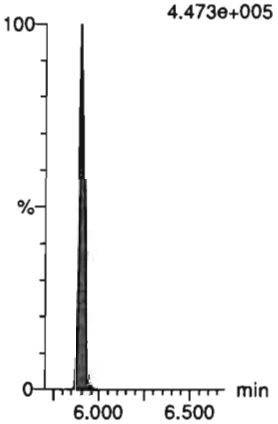
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.517e+004



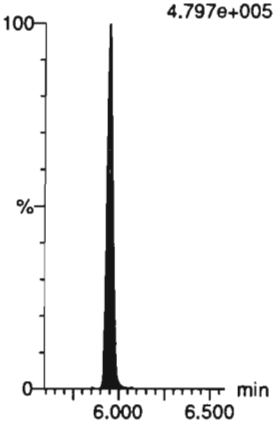
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.193e+005



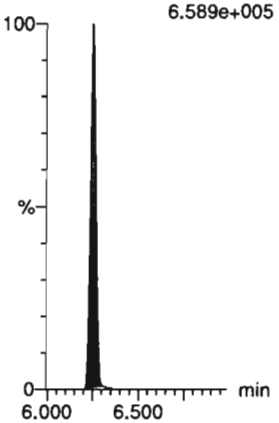
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.473e+005



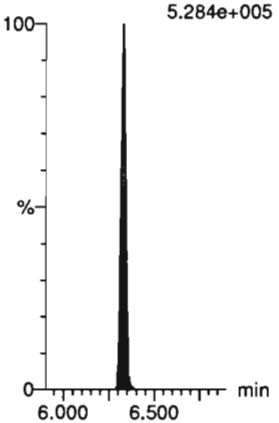
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.797e+005



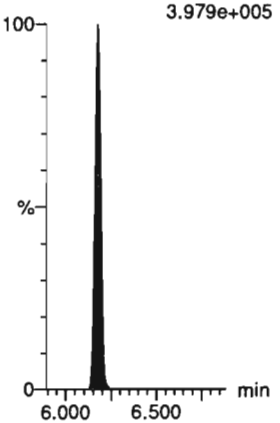
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.589e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.284e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.979e+005

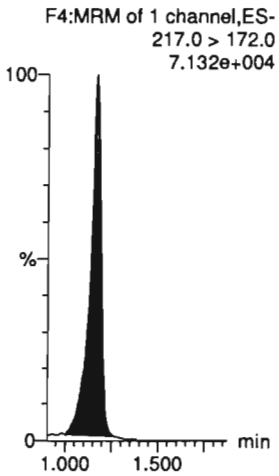


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

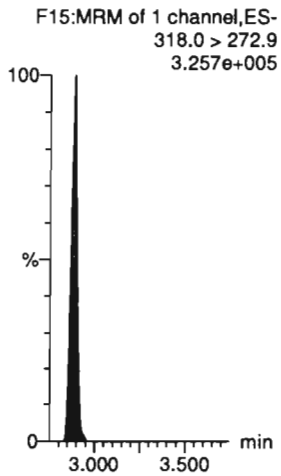
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-8, Date: 09-Jun-2020, Time: 14:27:03, ID: ST200609P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

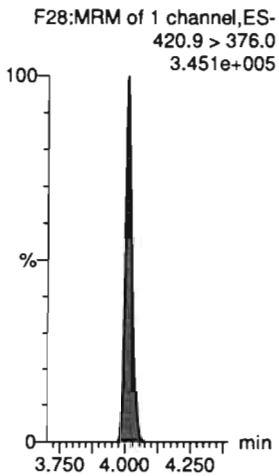
13C4-PFBA



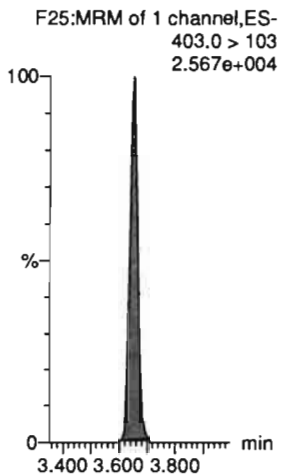
13C5-PFHxA



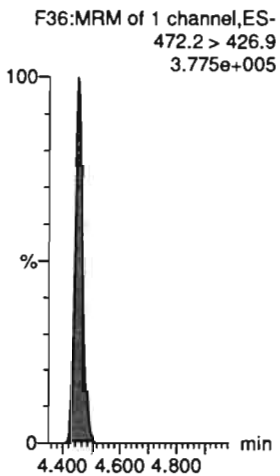
13C8-PFOA



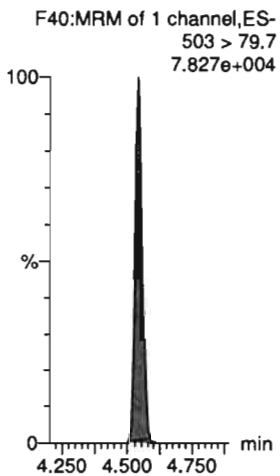
18O2-PFHxS



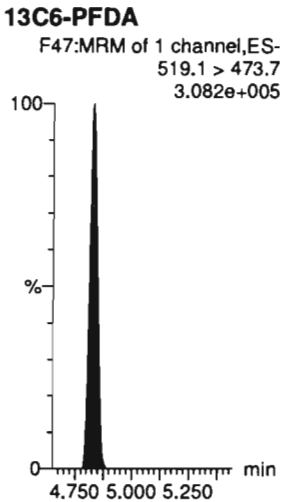
13C9-PFNA



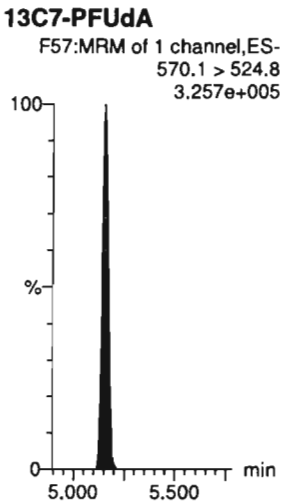
13C4-PFOS



13C6-PFDA



13C7-PFUdA

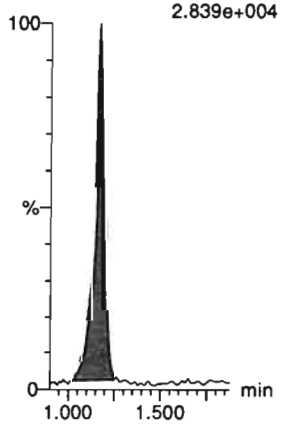


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

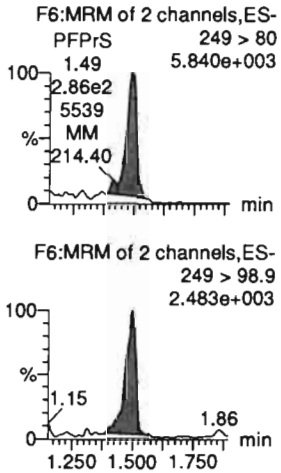
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

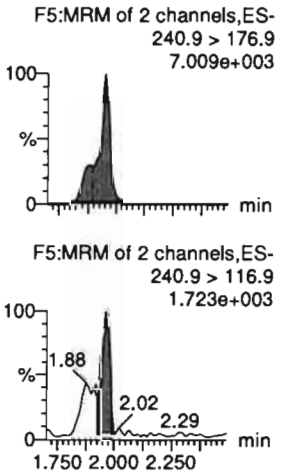
PFBA



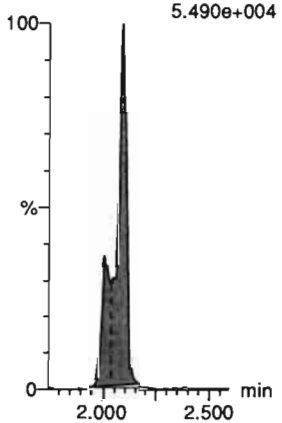
PFPrS



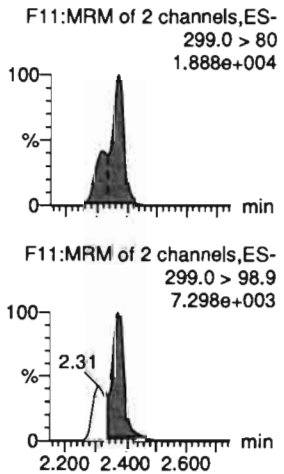
3:3 FTCA



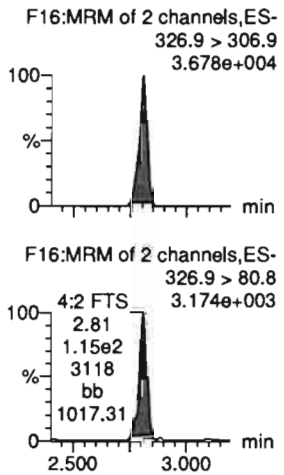
PFPeA



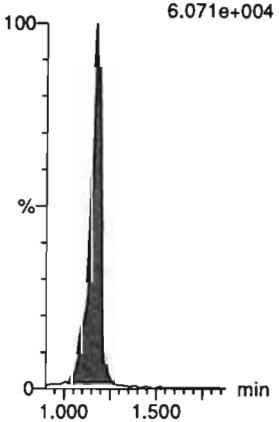
PFBS



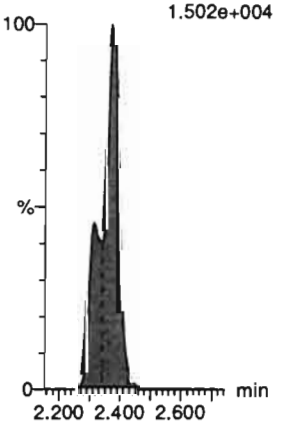
4:2 FTS



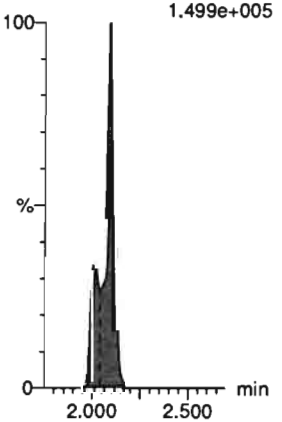
13C3-PFBA-EIS



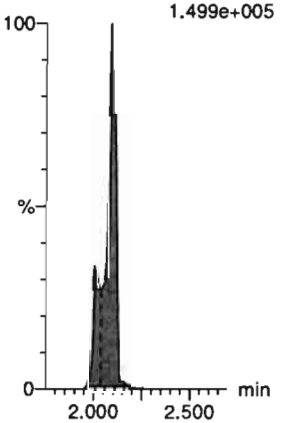
13C3-PFBS-EIS



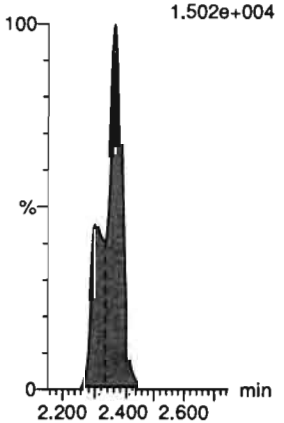
13C3-PFPeA-EIS



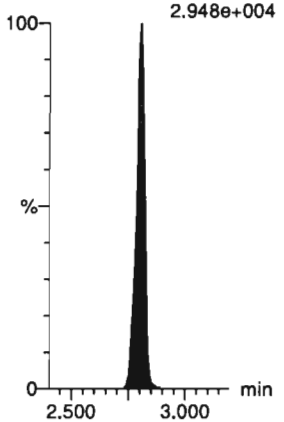
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

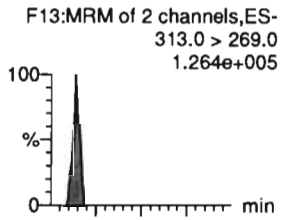


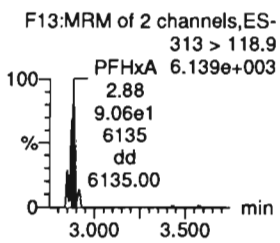
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

PFHxA





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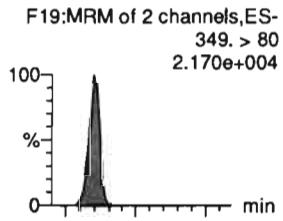
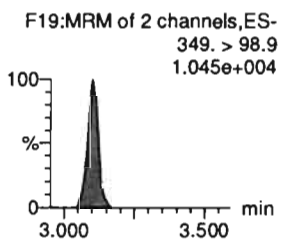
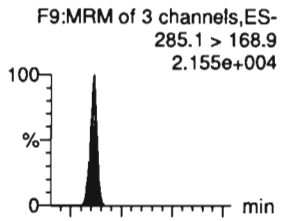
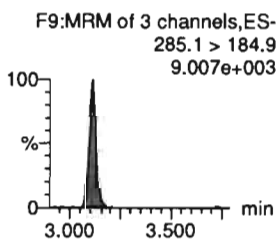


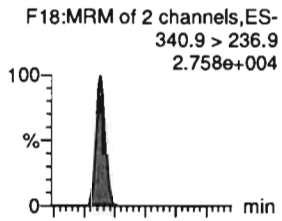


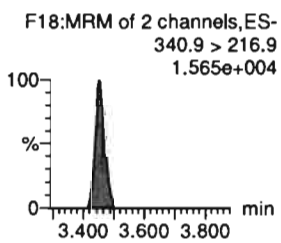
HFPO-DA





5:3 FTCA





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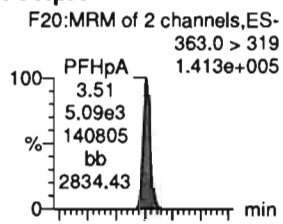

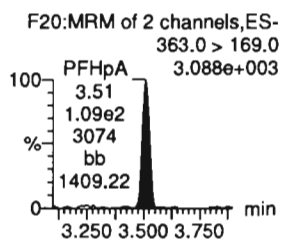

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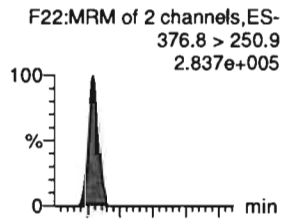
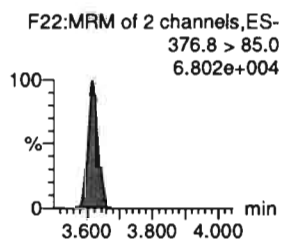
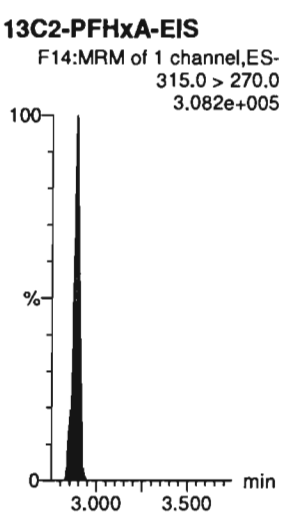
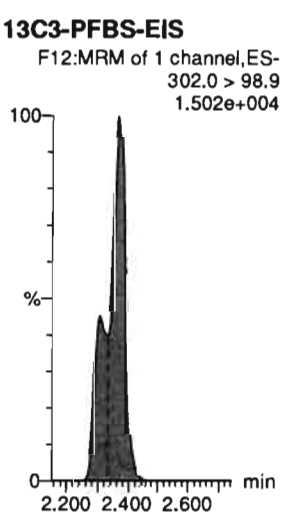




13C2-PFHxA-EIS



13C3-PFBS-EIS



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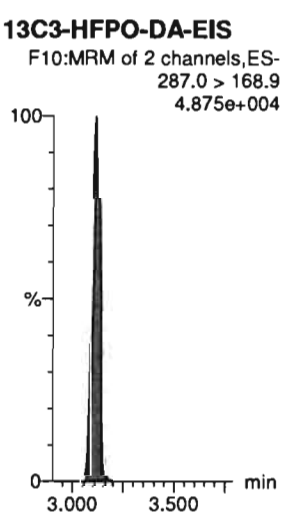
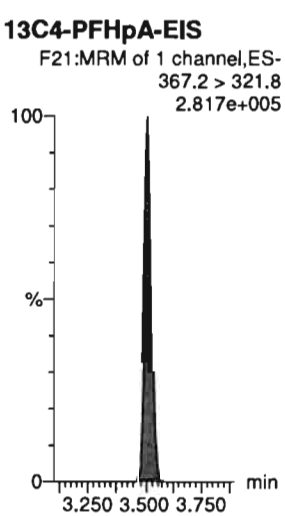


13C4-PFHpA-EIS



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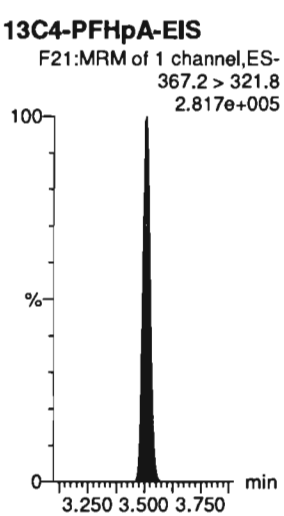

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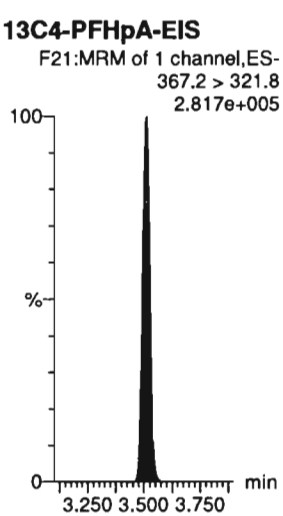

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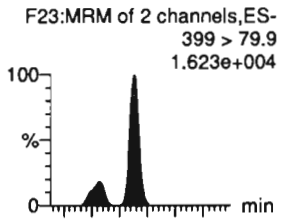
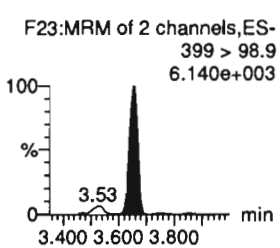
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

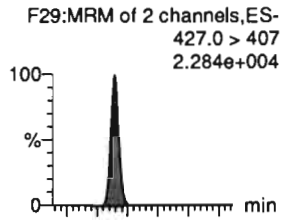
Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

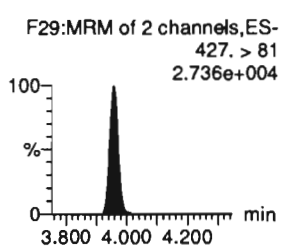
L-PFHxS





6:2 FTS





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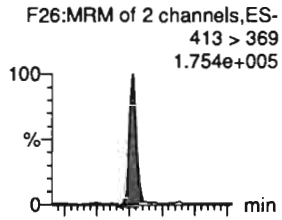

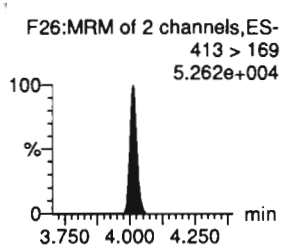

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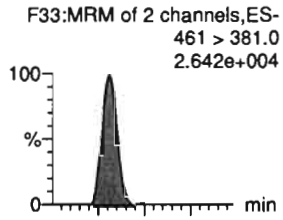

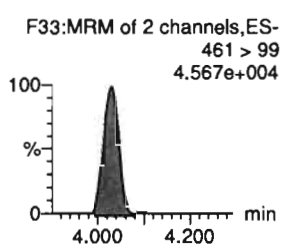

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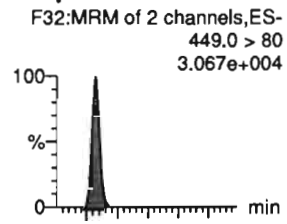
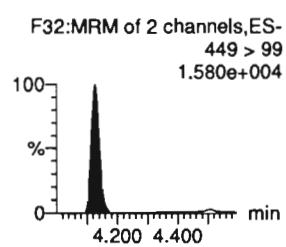
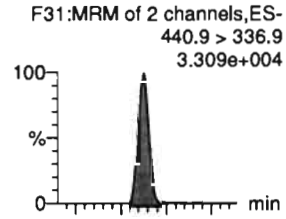
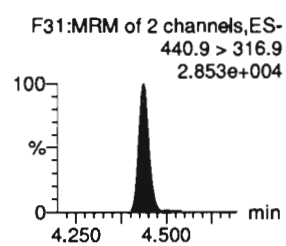




7:3 FTCA





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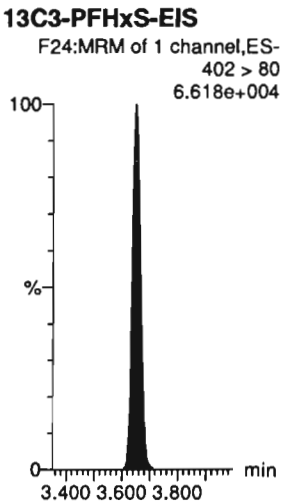
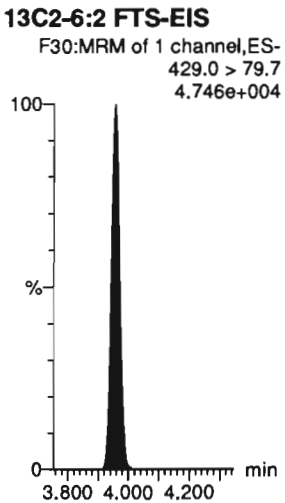
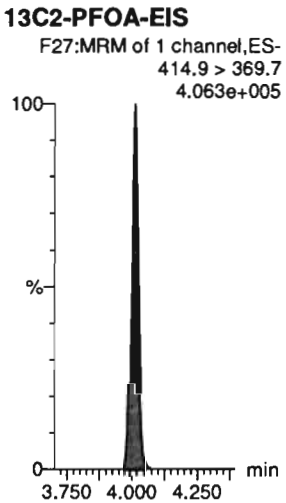


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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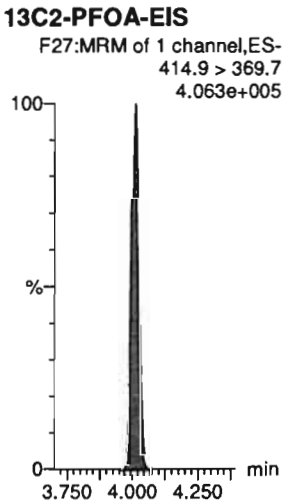
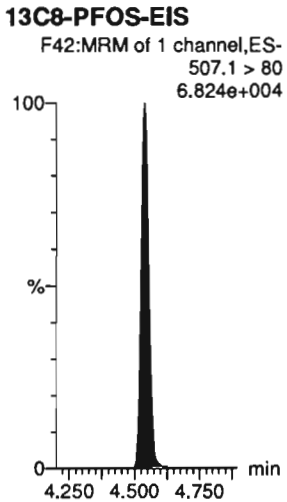
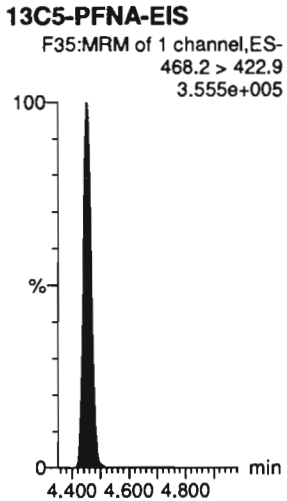


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

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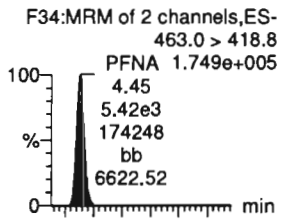

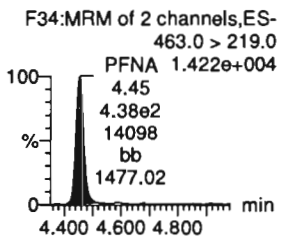

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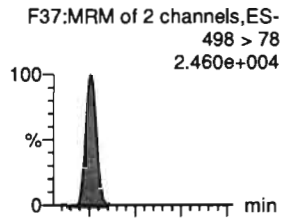
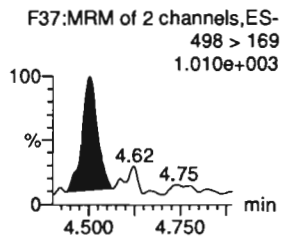
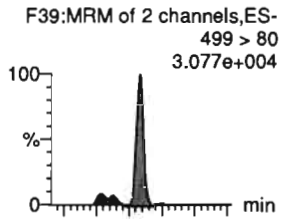
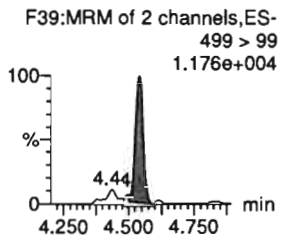


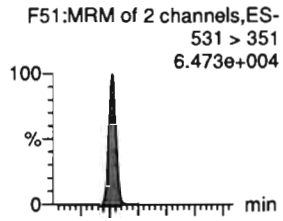


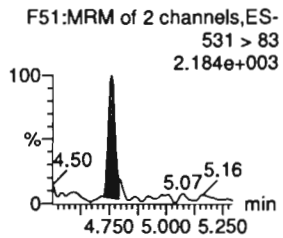
L-PFOS





9Cl-PF30NS





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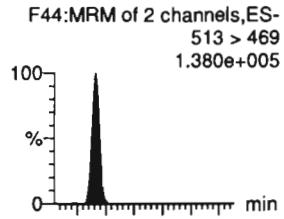
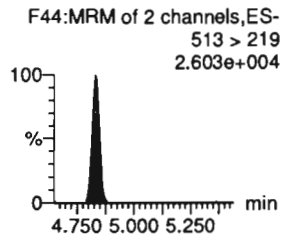
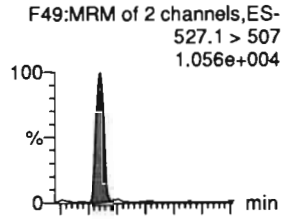
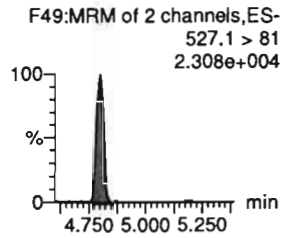




8:2 FTS





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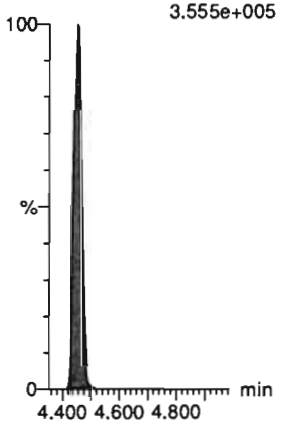
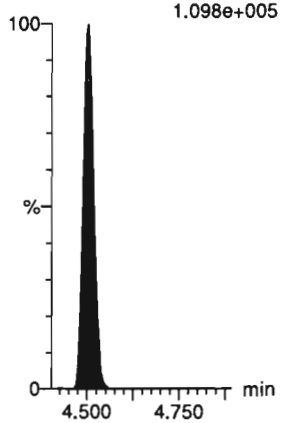


13C8-PFOSA-EIS



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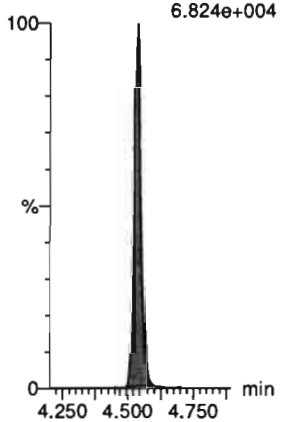

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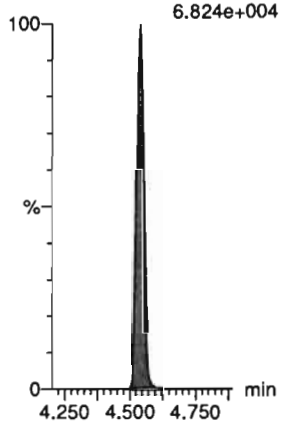

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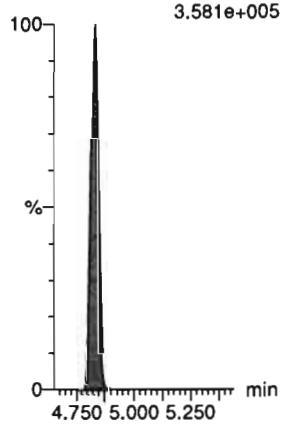
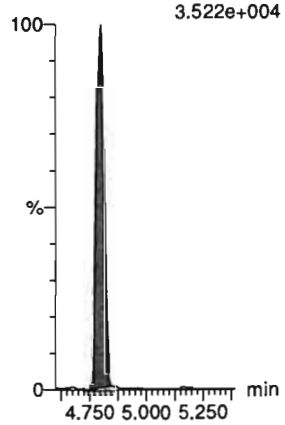


13C2-8:2 FTS-EIS

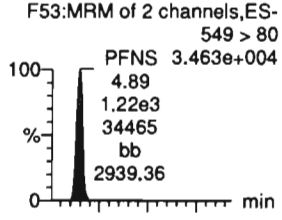


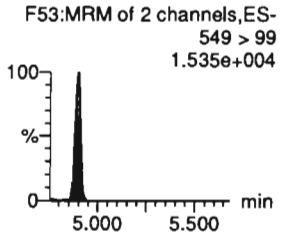
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

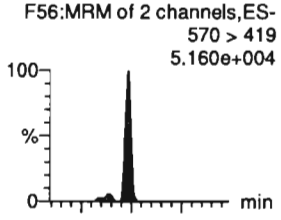
Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

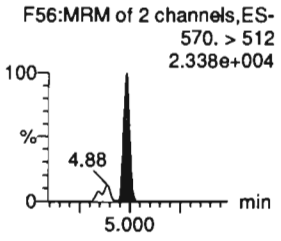
PFNS





L-MeFOSAA





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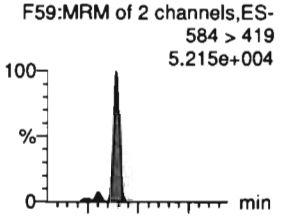
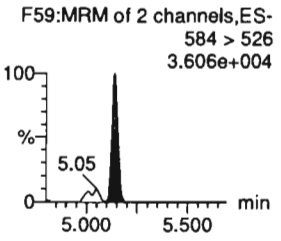
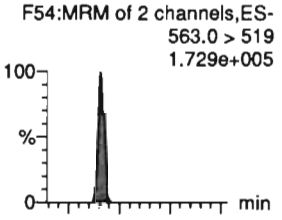
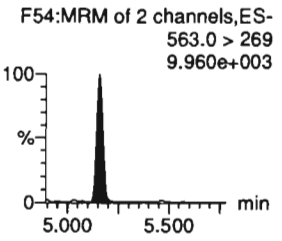




PFUdA





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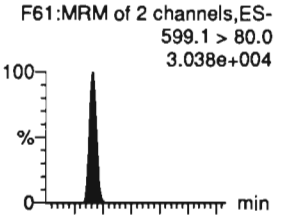
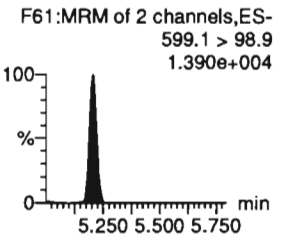
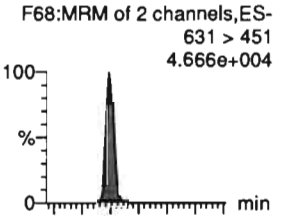
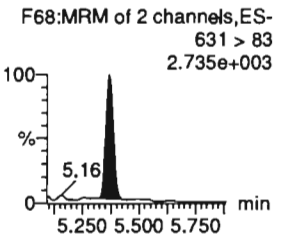


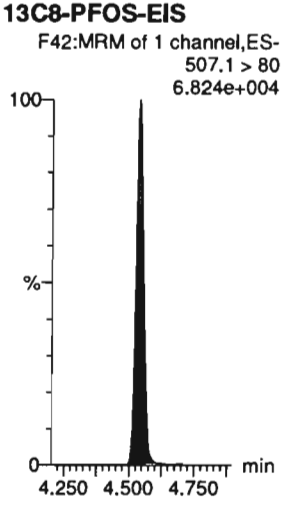


11Cl-PF30UdS

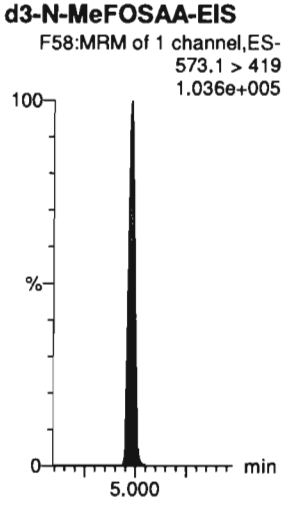




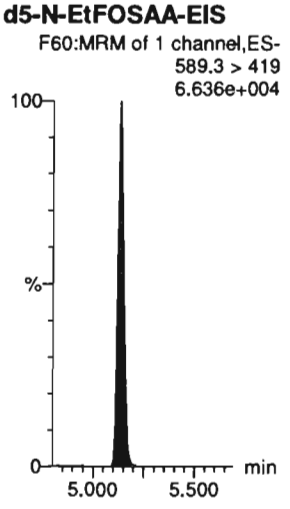
13C8-PFOS-EIS



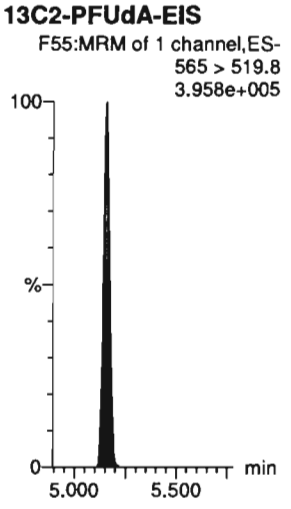
d3-N-MeFOSAA-EIS



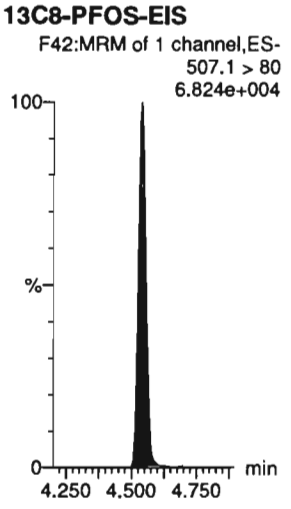
d5-N-EtFOSAA-EIS



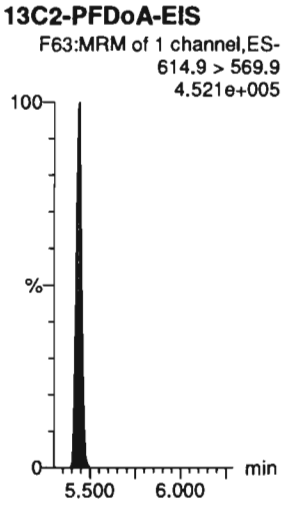
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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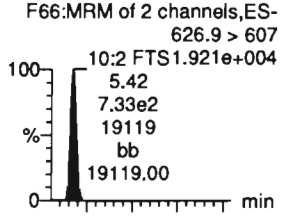
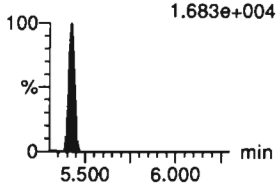
Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

10:2 FTS





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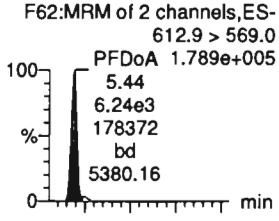
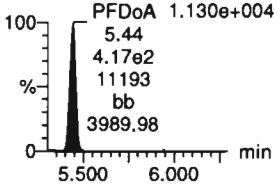
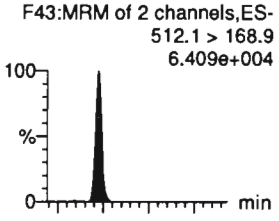
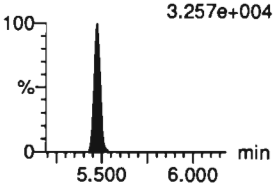




N-MeFOSA





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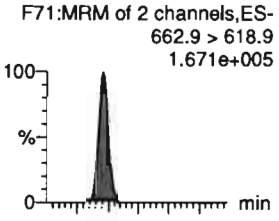
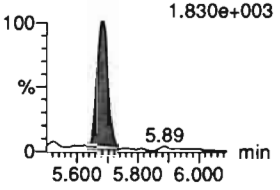
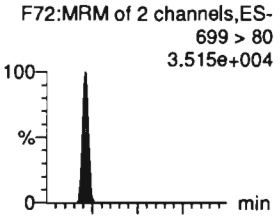
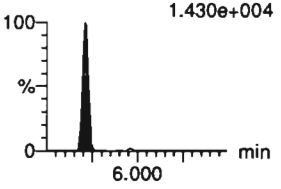


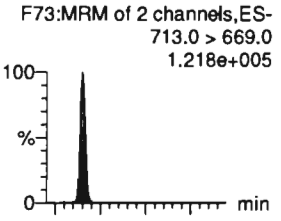


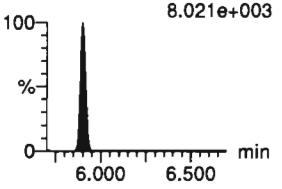
PFDoS



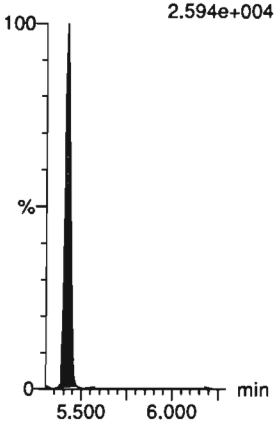


PFTeDA

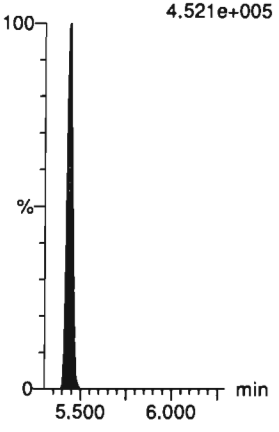




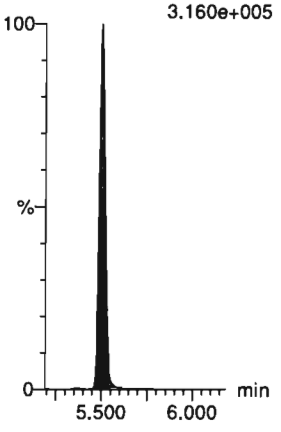
13C2-10:2 FTS-EIS



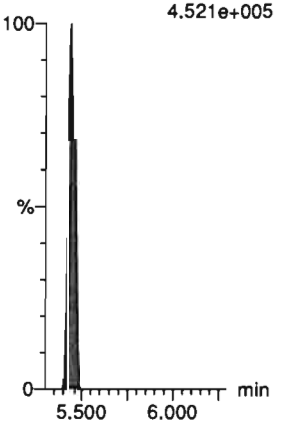
13C2-PFDoA-EIS



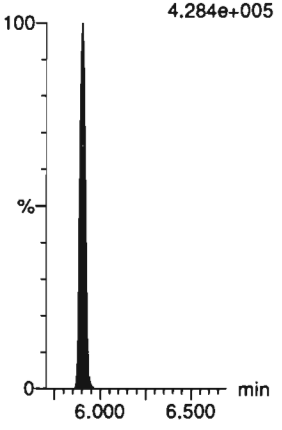
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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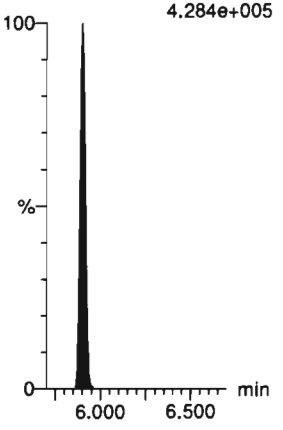

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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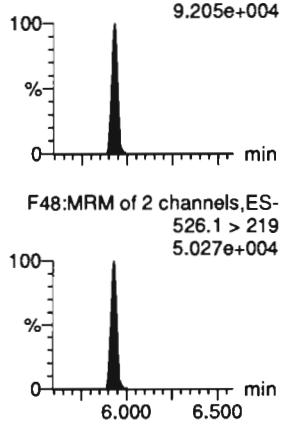
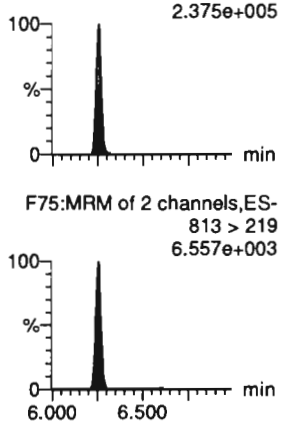
Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

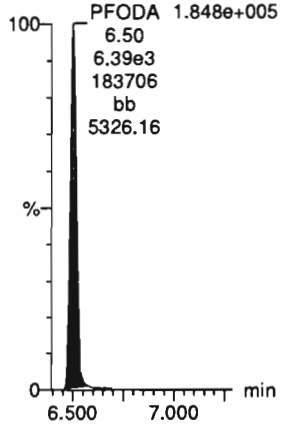
N-EtFOSA



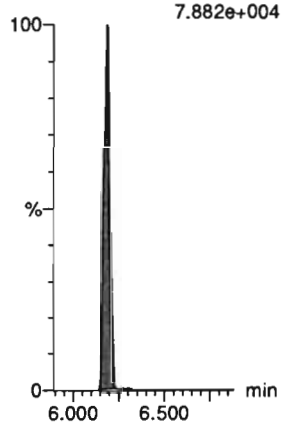
PFHxDA



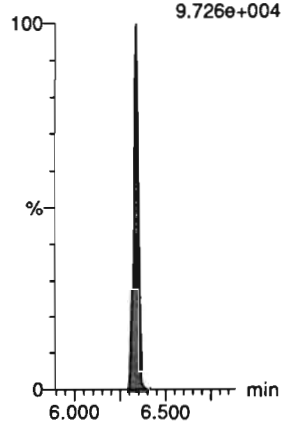
PFODA



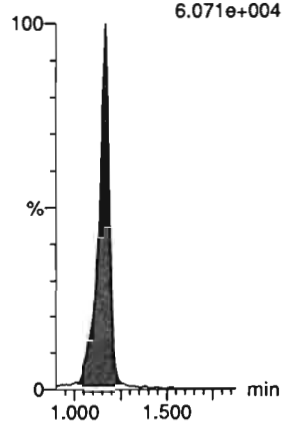
N-MeFOSE



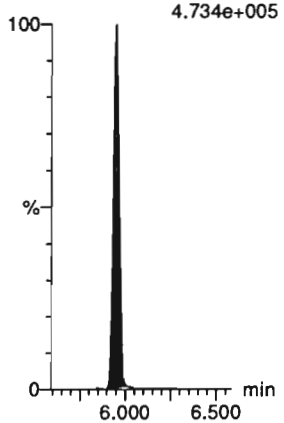
N-EtFOSE



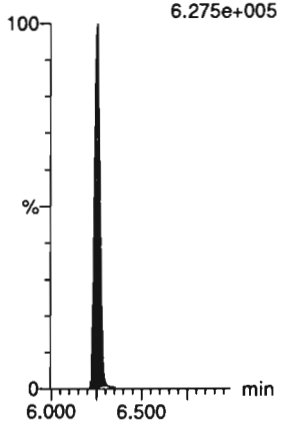
13C3-PFBA-RSD



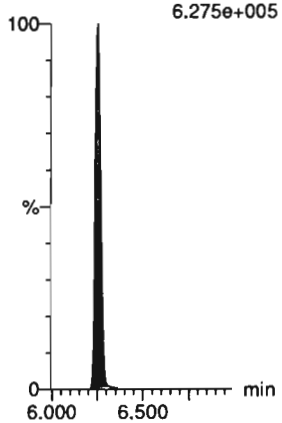
d5-N-ETFOSA-EIS



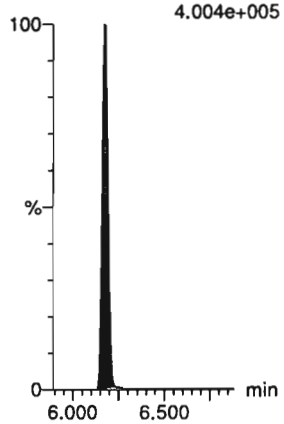
13C2-PFHxDA-EIS



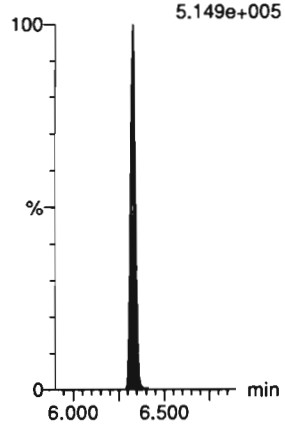
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



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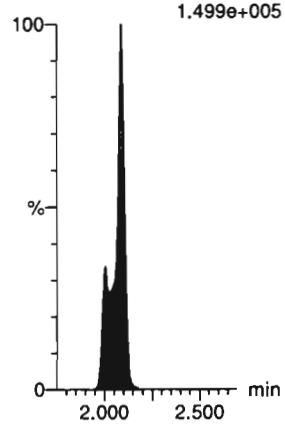

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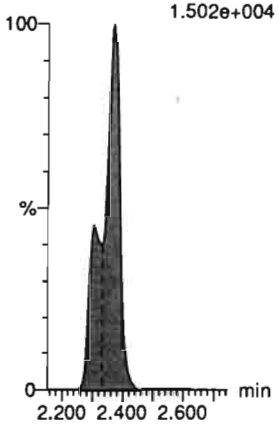
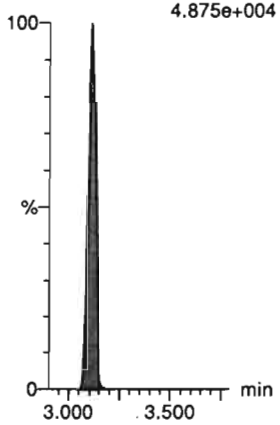
Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

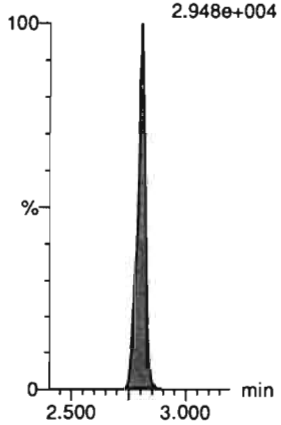
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.502e+004



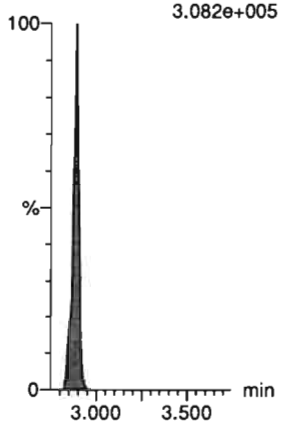
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.875e+004



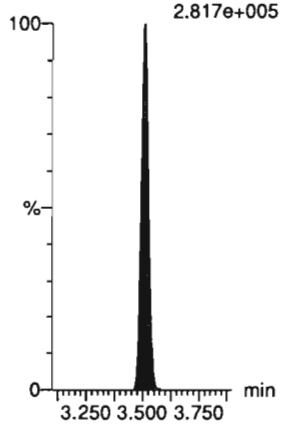
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.948e+004



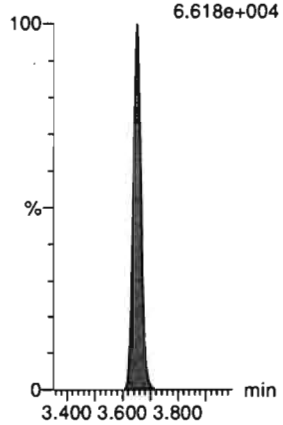
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.082e+005



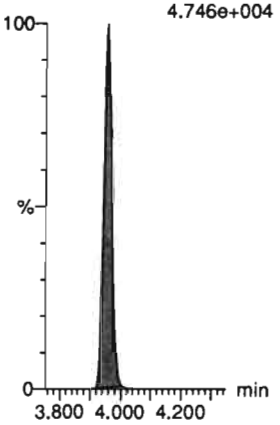
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.817e+005



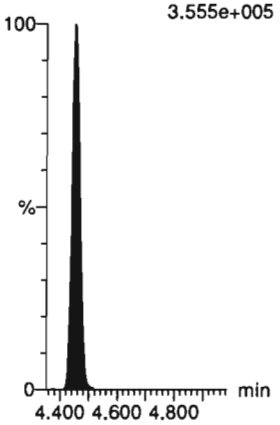
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.618e+004



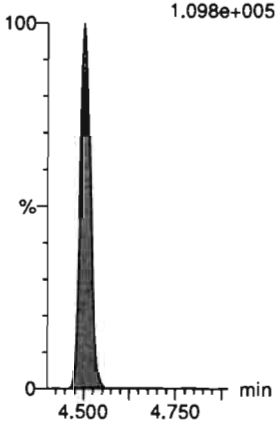
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.746e+004



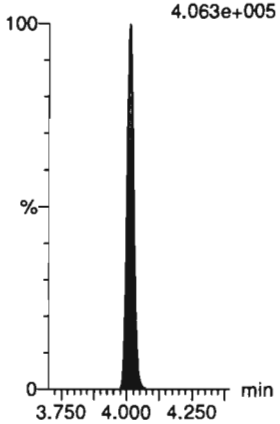
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.555e+005



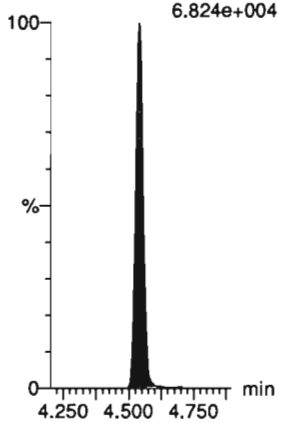
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.098e+005



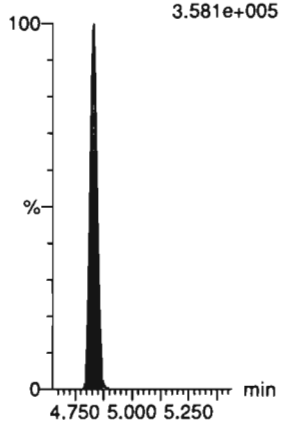
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.063e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.824e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.581e+005

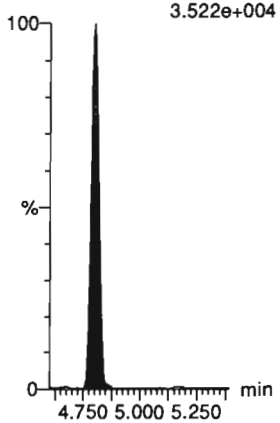


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

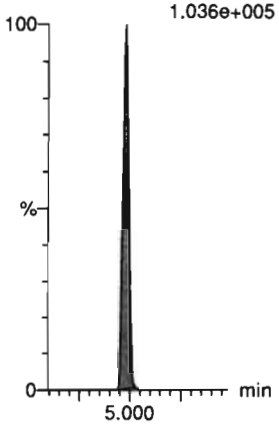
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

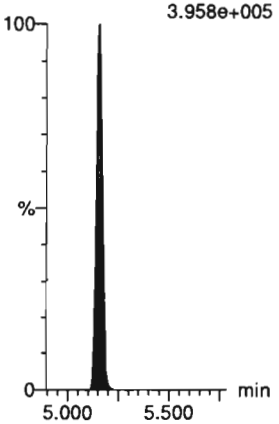
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.522e+004



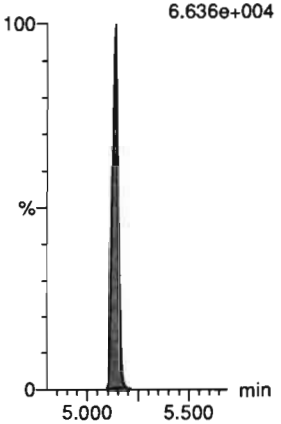
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.036e+005



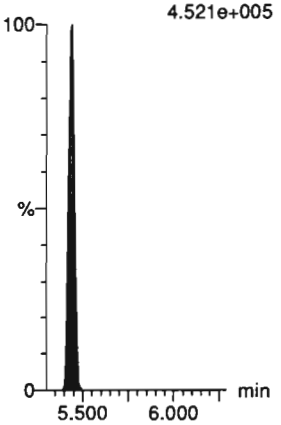
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.958e+005



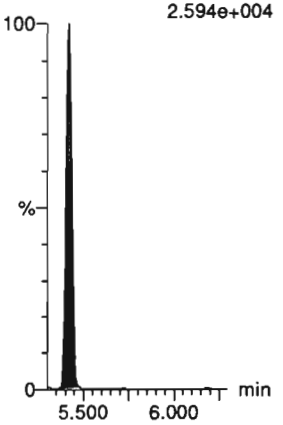
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.636e+004



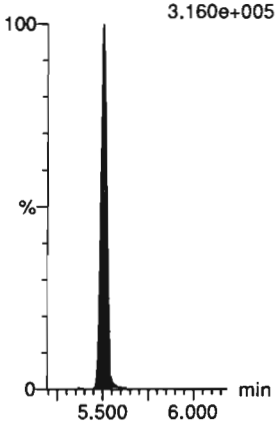
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.521e+005



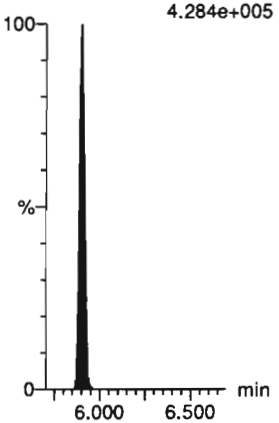
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.594e+004



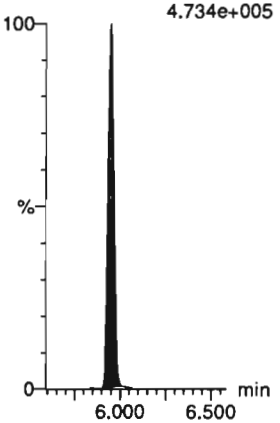
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.160e+005



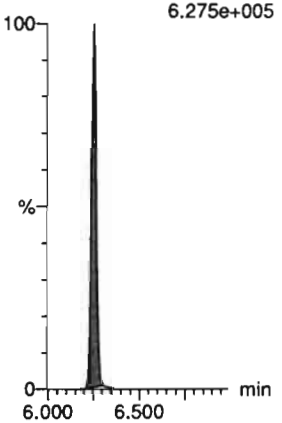
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.284e+005



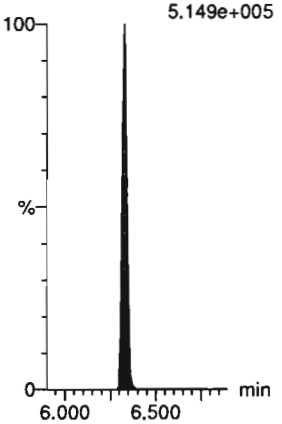
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.734e+005



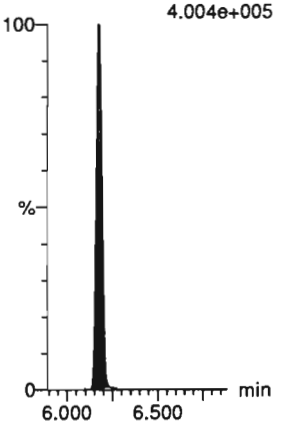
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.275e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.149e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.004e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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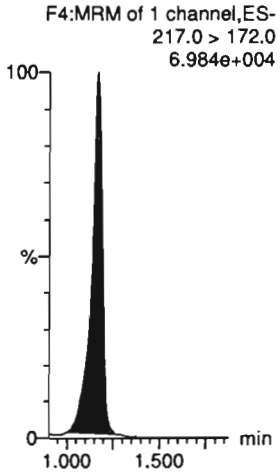
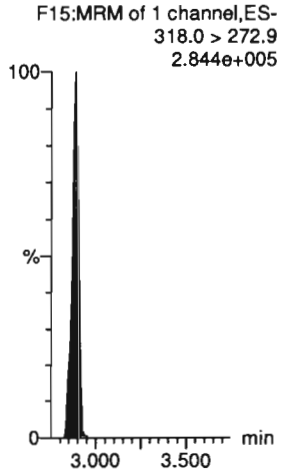
Name: 200609P1-9, Date: 09-Jun-2020, Time: 14:37:34, ID: ST200609P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

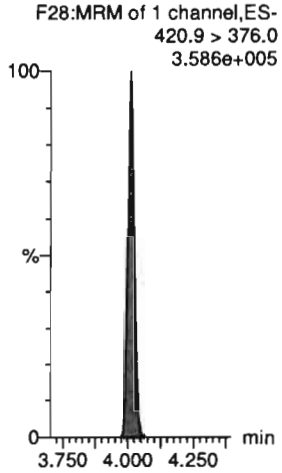
13C4-PFBA



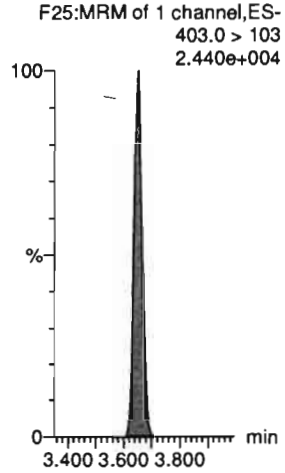
13C5-PFHxA



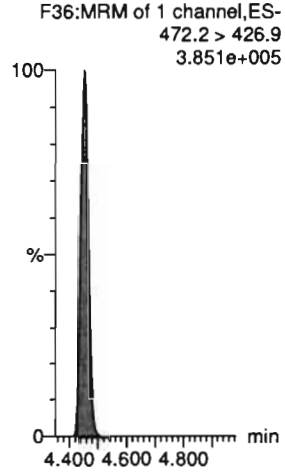
13C8-PFOA



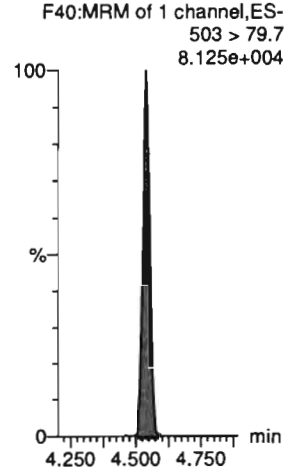
18O2-PFHxS



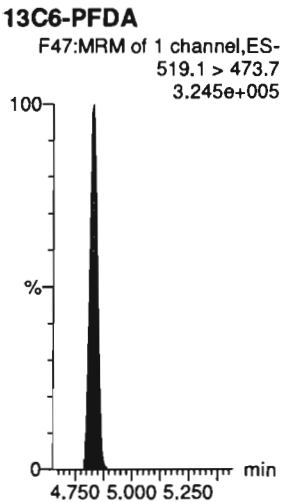
13C9-PFNA



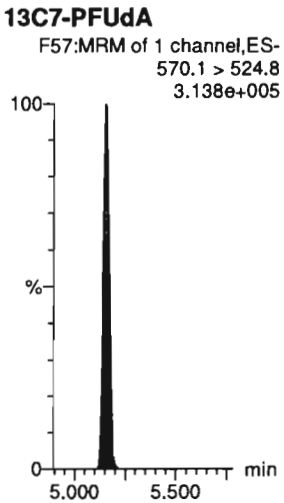
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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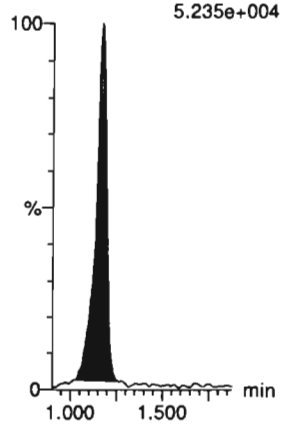
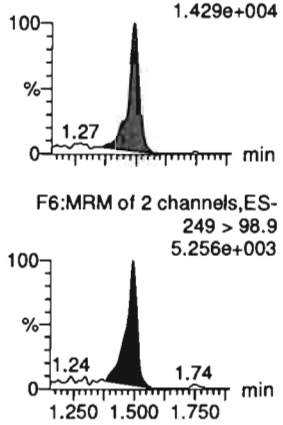
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

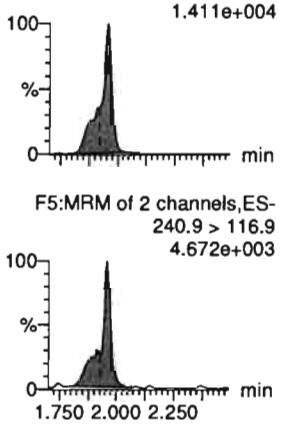
PFBA



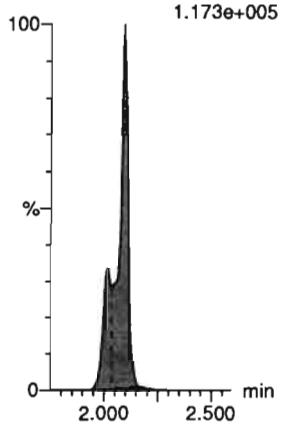
PFPrS



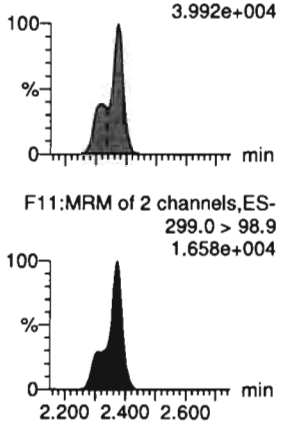
3:3 FTCA



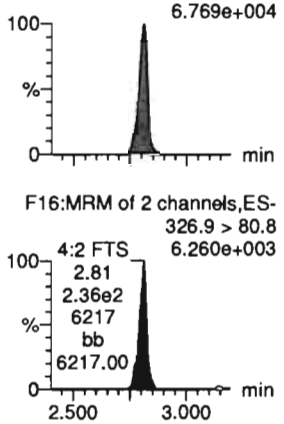
PFPeA



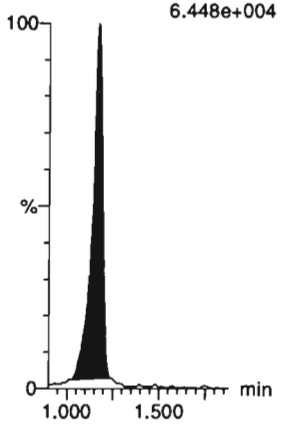
PFBS



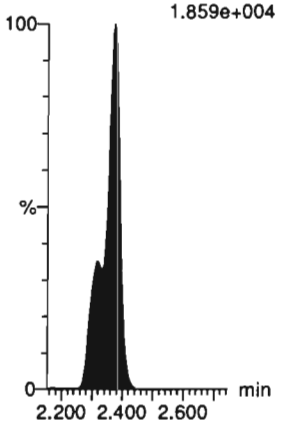
4:2 FTS



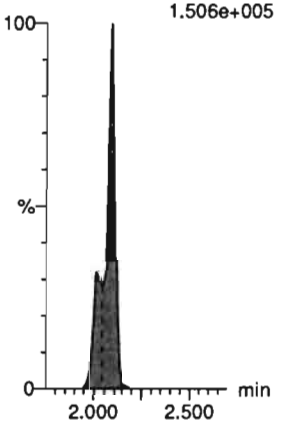
13C3-PFBA-EIS



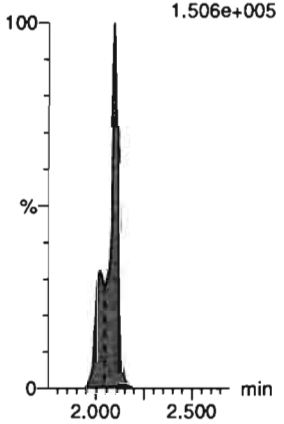
13C3-PFBS-EIS



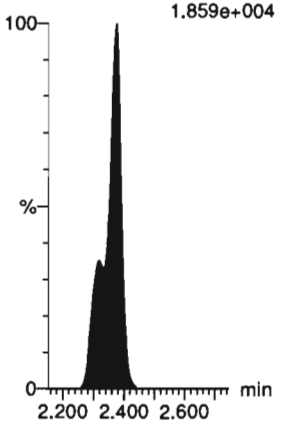
13C3-PFPeA-EIS



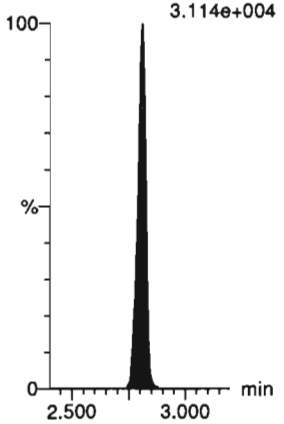
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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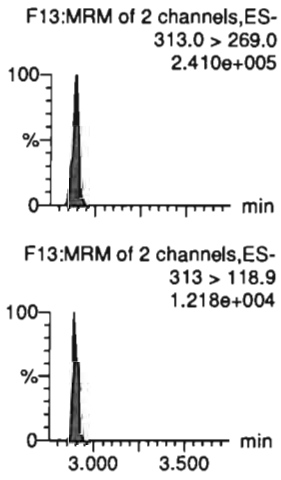
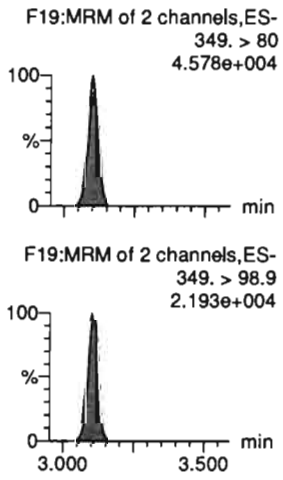
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

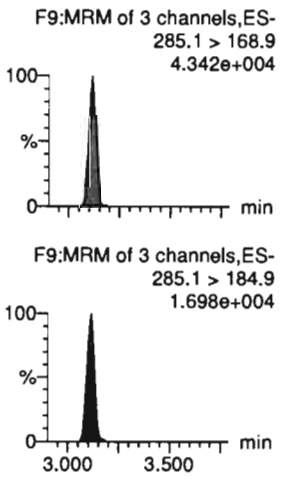
PFHxA



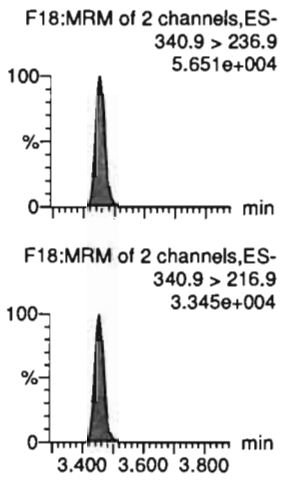
PFPeS



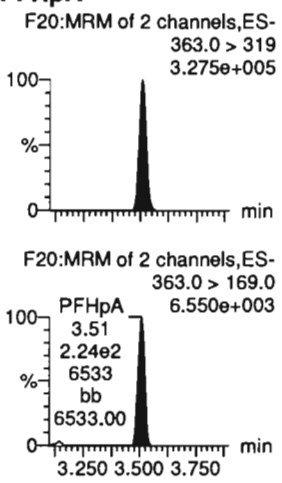
HFPO-DA



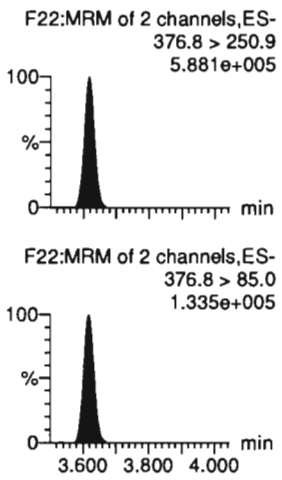
5:3 FTCA



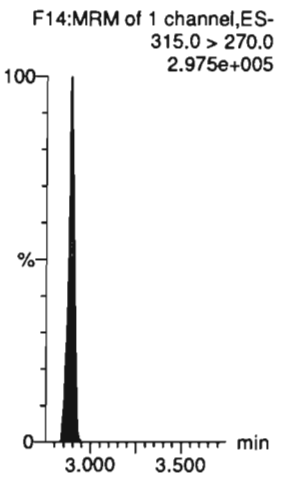
PFHpA



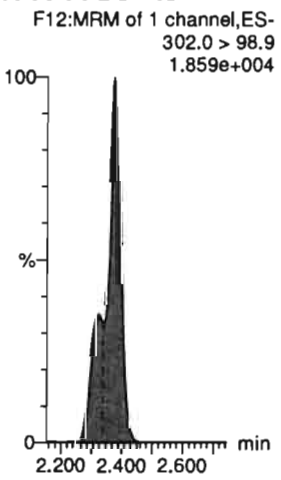
ADONA



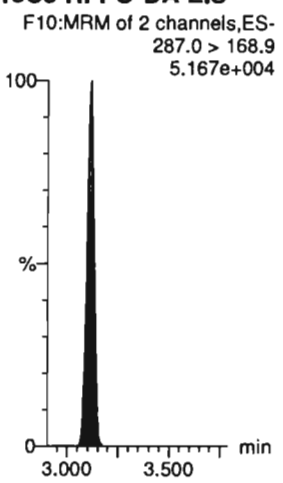
13C2-PFHxA-EIS



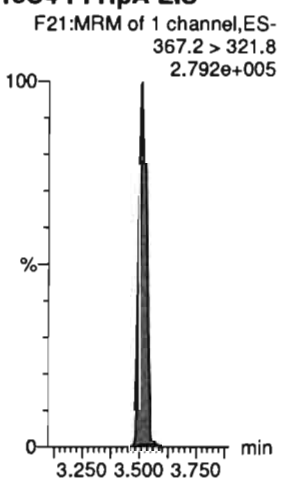
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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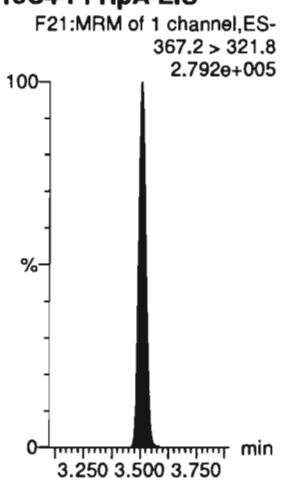

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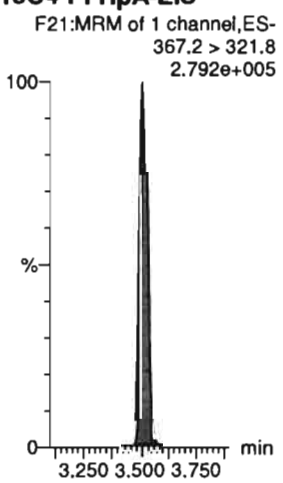

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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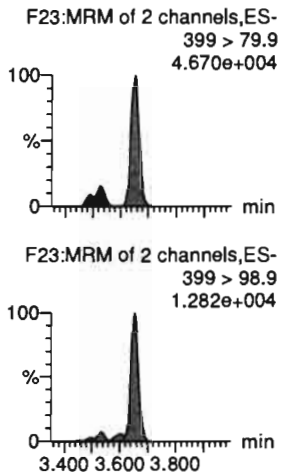
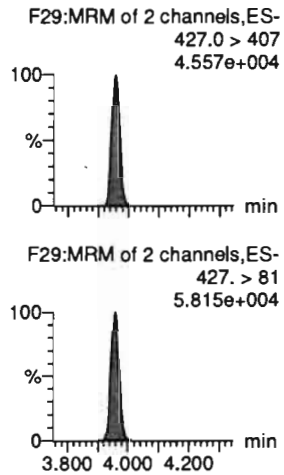
Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

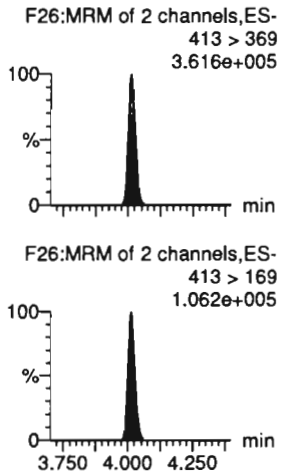
L-PFHxS



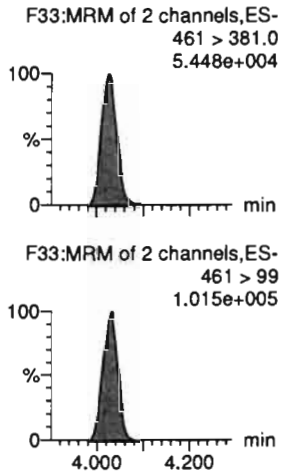
6:2 FTS



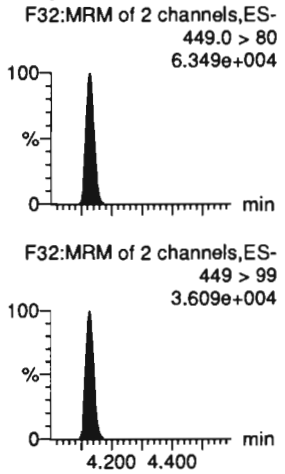
L-PFOA



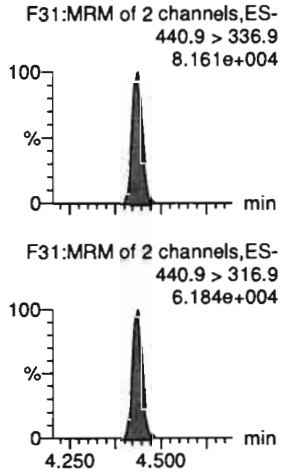
PFEChS



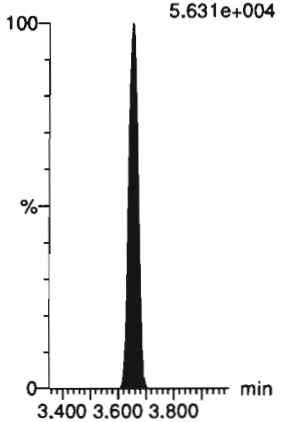
PFHpS



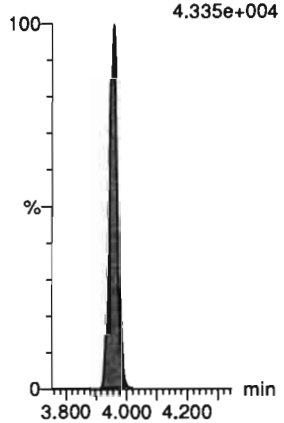
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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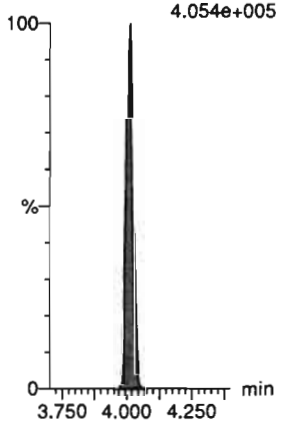

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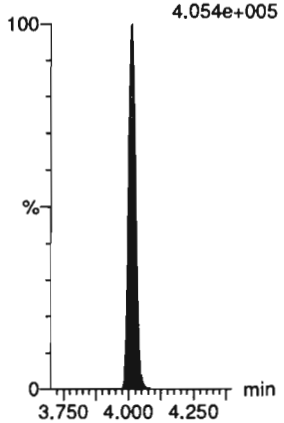
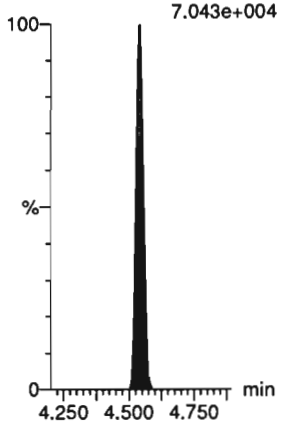
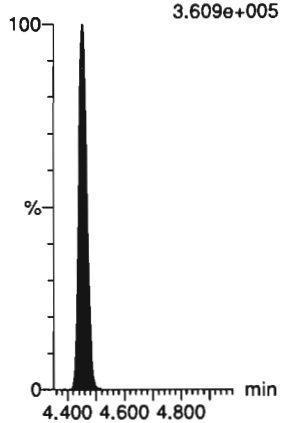


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

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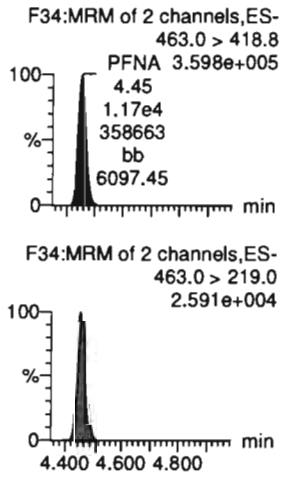
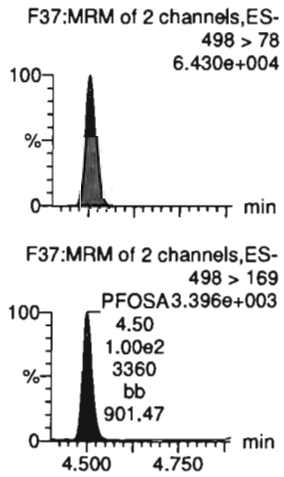
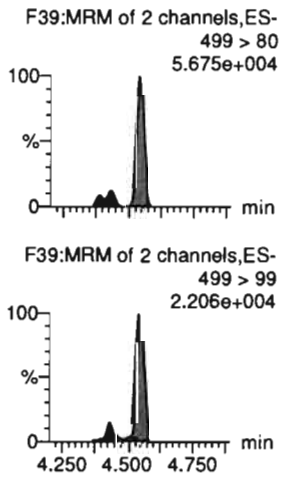


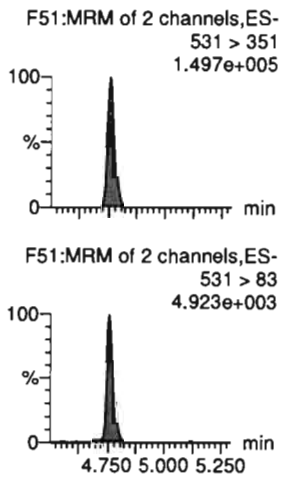
PFOSA



L-PFOS



9Cl-PF30NS



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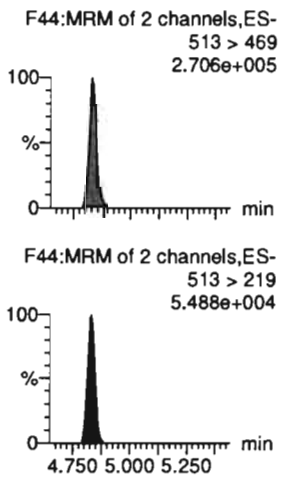
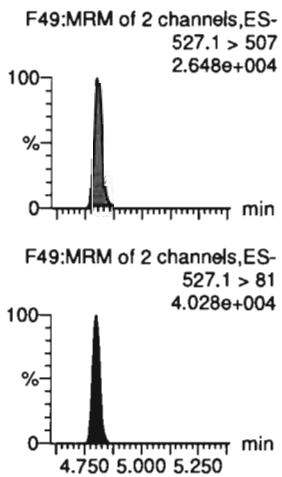
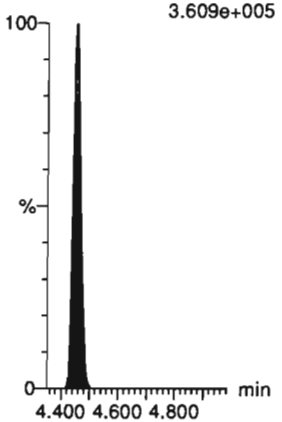


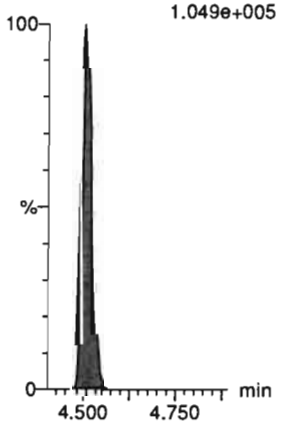
8:2 FTS



13C5-PFNA-EIS



13C8-PFOSA-EIS



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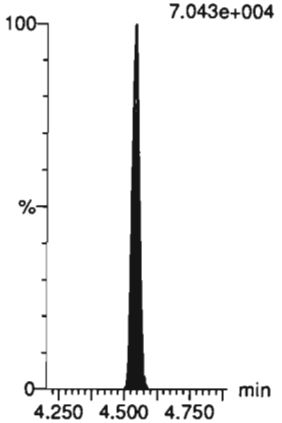
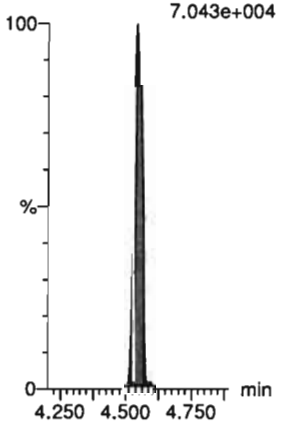
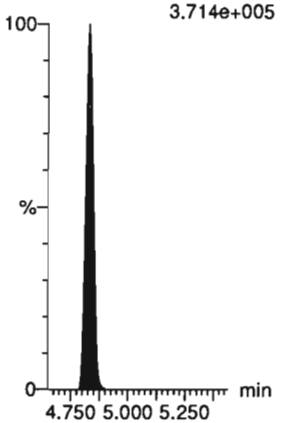


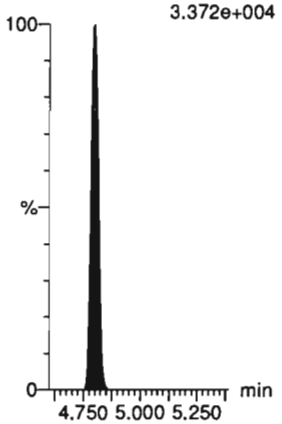
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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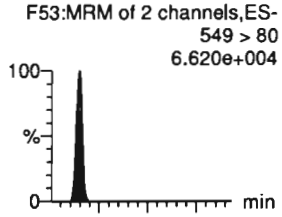
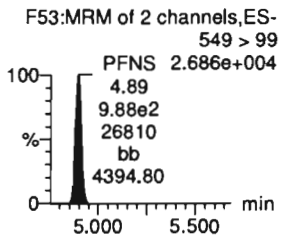
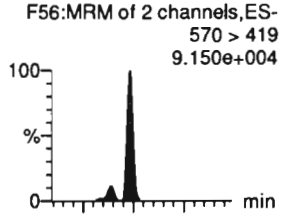
Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

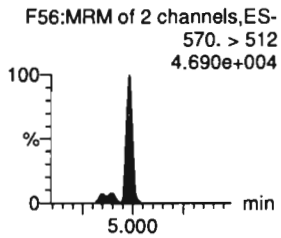
PFNS



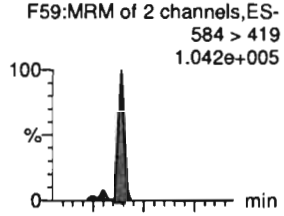


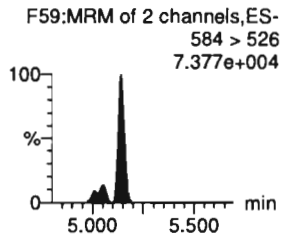
L-MeFOSAA



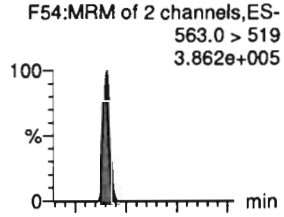


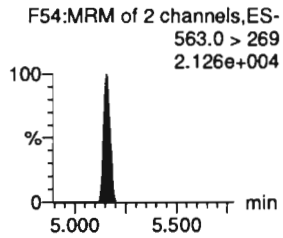
L-EtFOSAA



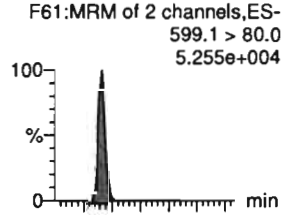


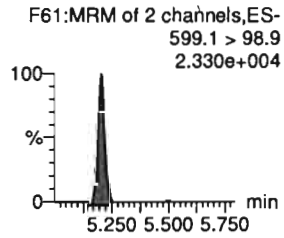
PFUdA



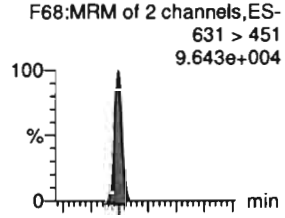


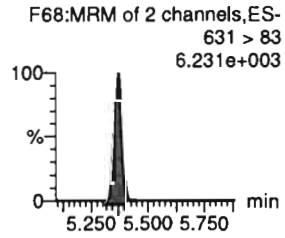
PFDS



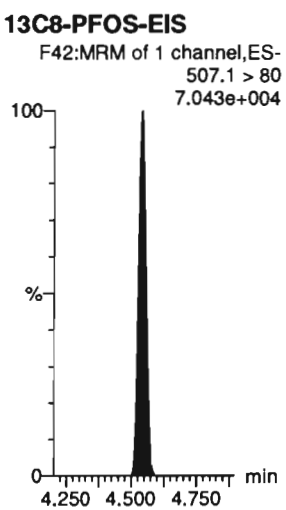


11Cl-PF30UdS

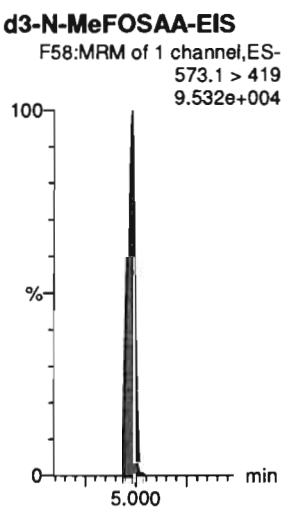




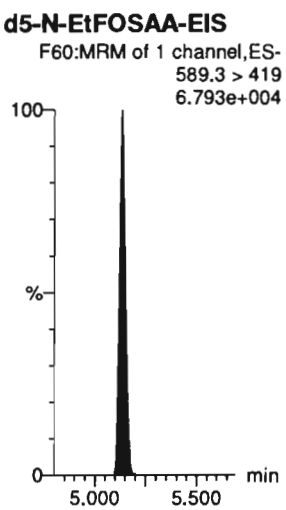
13C8-PFOS-EIS



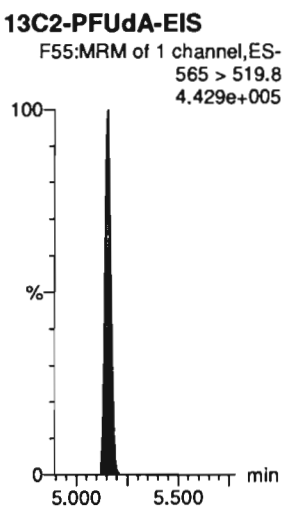
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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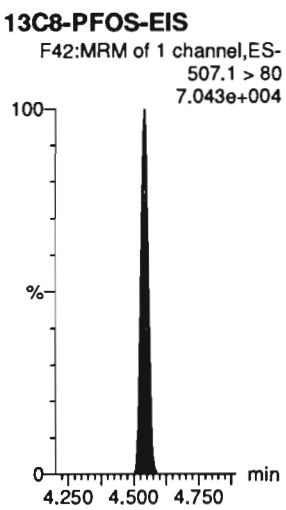
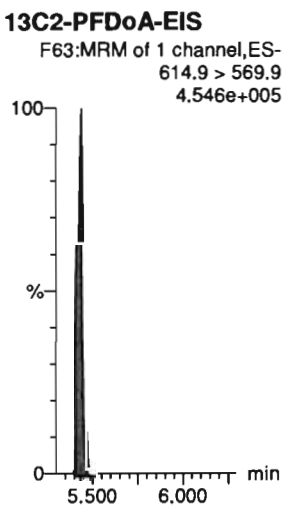


13C2-PFDoA-EIS



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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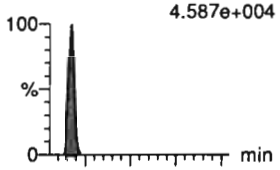
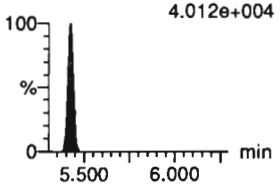
Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

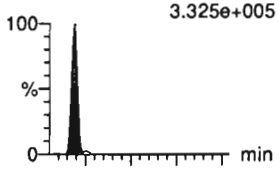
10:2 FTS
F66:MRM of 2 channels,ES-
626.9 > 607
4.587e+004



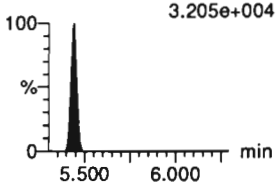
F66:MRM of 2 channels,ES-
626.9 > 80.7
4.012e+004



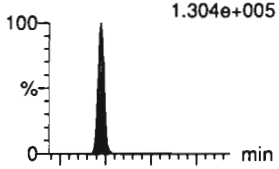
PFDoA
F62:MRM of 2 channels,ES-
612.9 > 569.0
3.325e+005



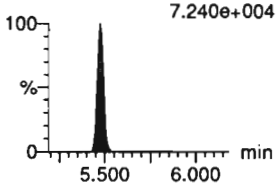
F62:MRM of 2 channels,ES-
612.9 > 318.8
3.205e+004



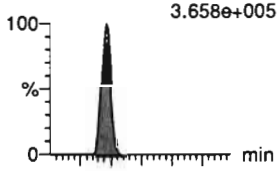
N-MeFOSA
F43:MRM of 2 channels,ES-
512.1 > 168.9
1.304e+005



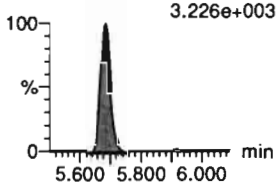
F43:MRM of 2 channels,ES-
512.1 > 219
7.240e+004



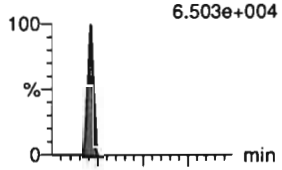
PFTrDA
F71:MRM of 2 channels,ES-
662.9 > 618.9
3.658e+005



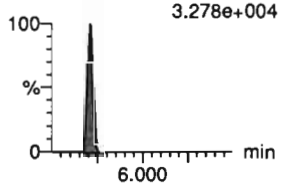
F71:MRM of 2 channels,ES-
662.9 > 319
3.226e+003



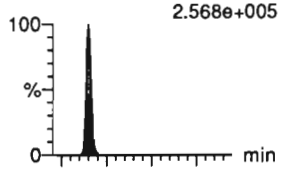
PFDoS
F72:MRM of 2 channels,ES-
699 > 80
6.503e+004



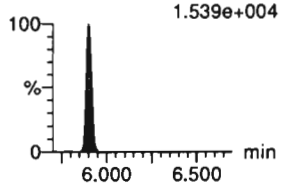
F72:MRM of 2 channels,ES-
699 > 99
3.278e+004



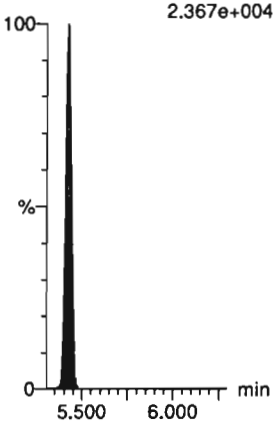
PFTeDA
F73:MRM of 2 channels,ES-
713.0 > 669.0
2.568e+005



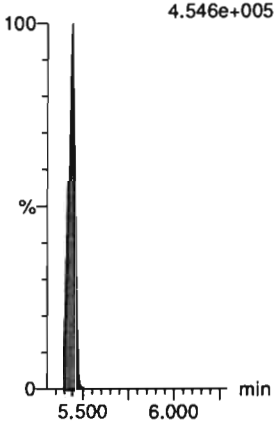
F73:MRM of 2 channels,ES-
713. > 369.0
1.539e+004



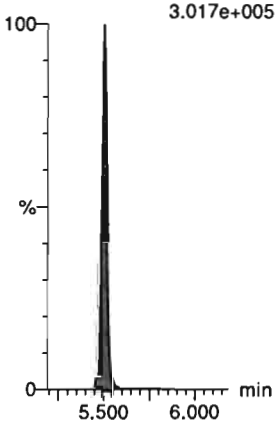
13C2-10:2 FTS-EIS
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.367e+004



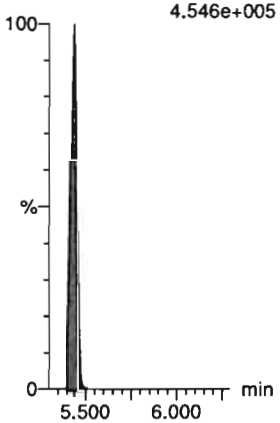
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.546e+005



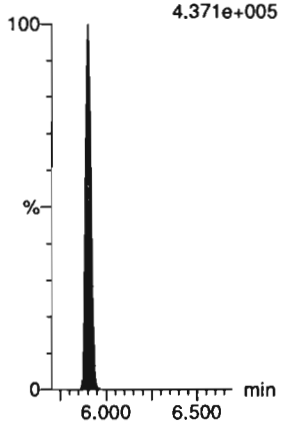
d3-N-MeFOSA-EIS
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.017e+005



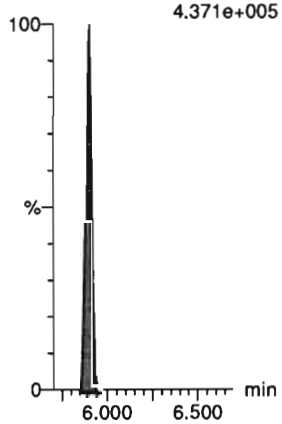
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.546e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.371e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.371e+005

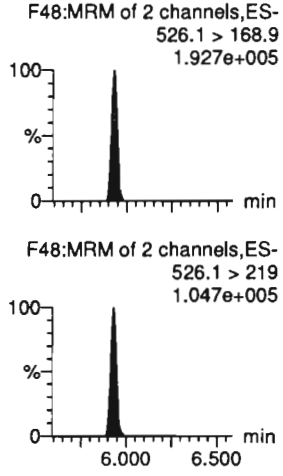


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

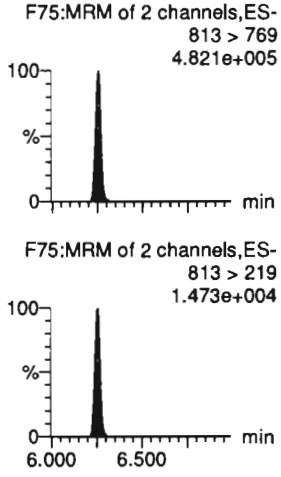
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

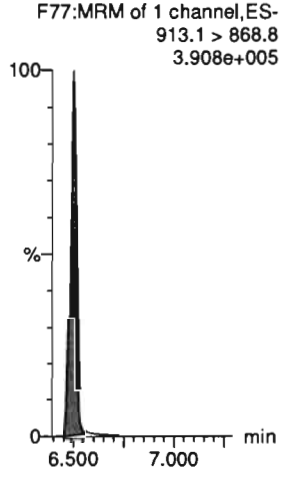
N-EtFOSA



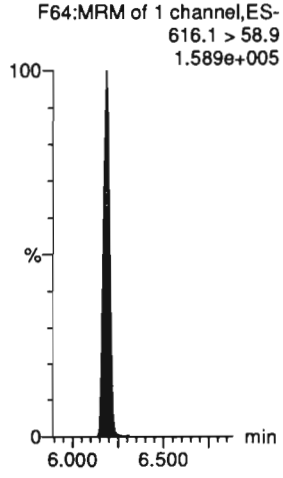
PFHxDA



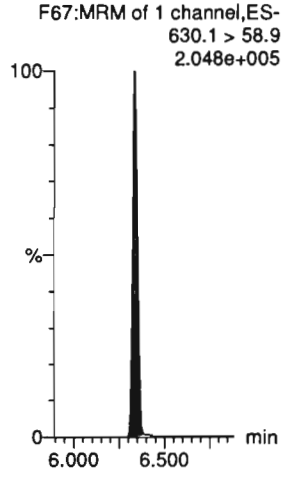
PFODA



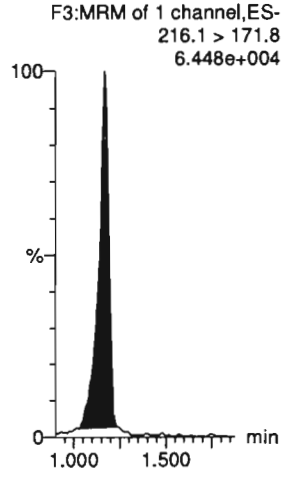
N-MeFOSE



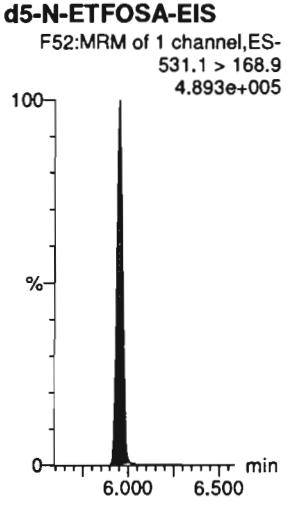
N-EtFOSE



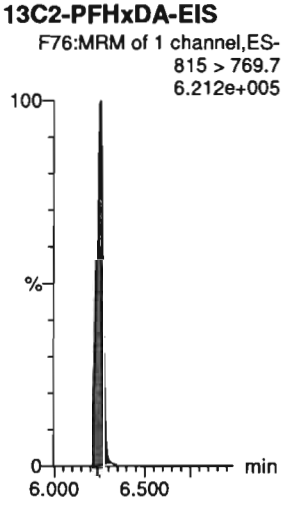
13C3-PFBA-RSD



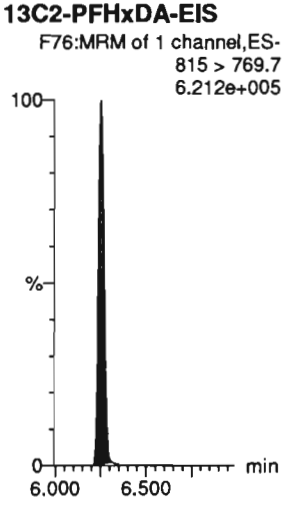
d5-N-ETFOSA-EIS



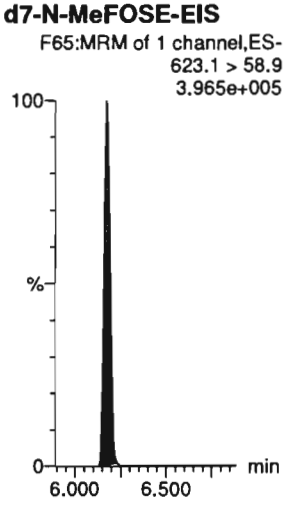
13C2-PFHxDA-EIS



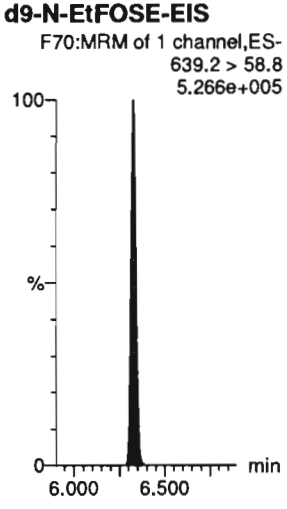
13C2-PFHxDA-EIS



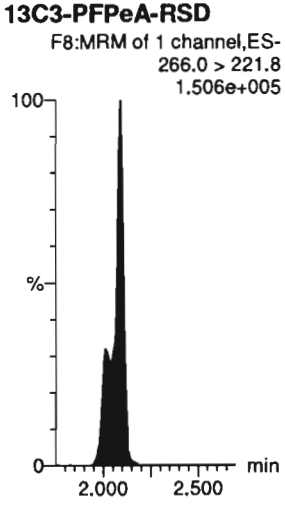
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

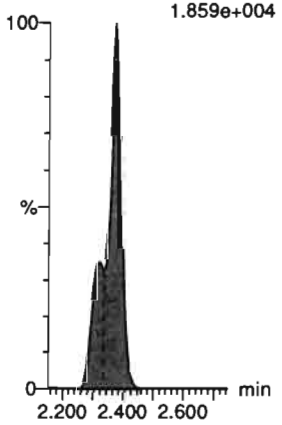


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

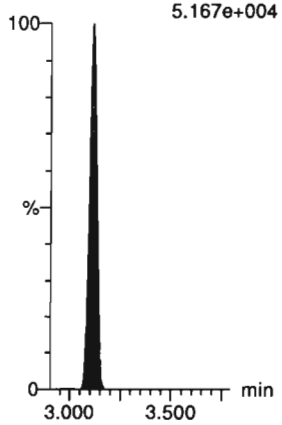
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

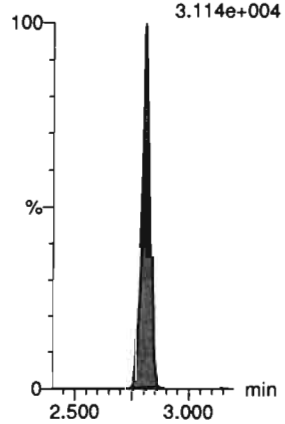
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.859e+004



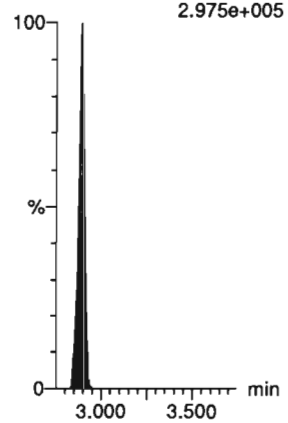
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.167e+004



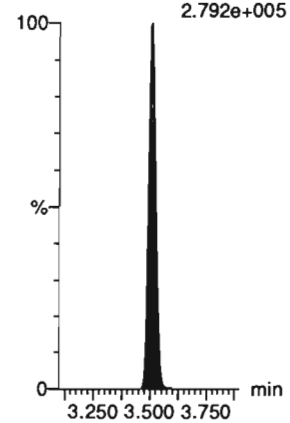
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.114e+004



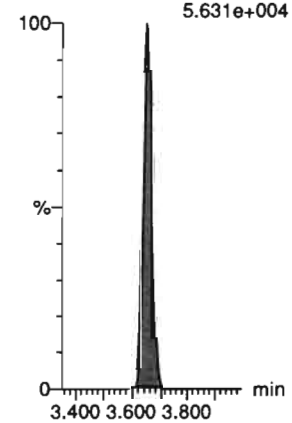
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.975e+005



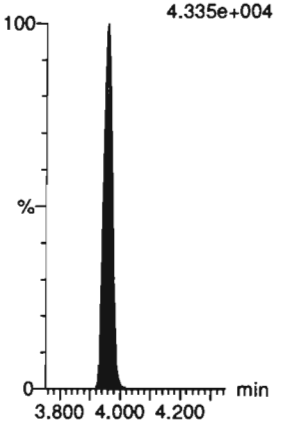
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.792e+005



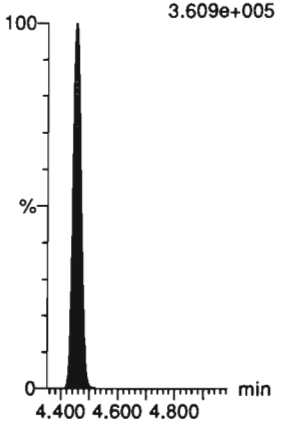
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.631e+004



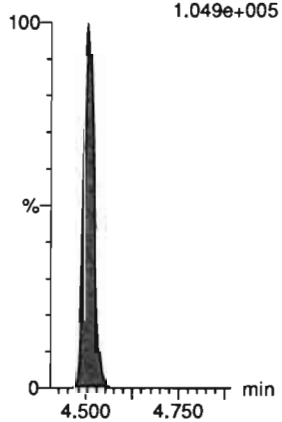
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.335e+004



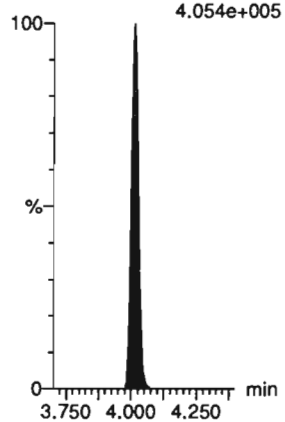
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.609e+005



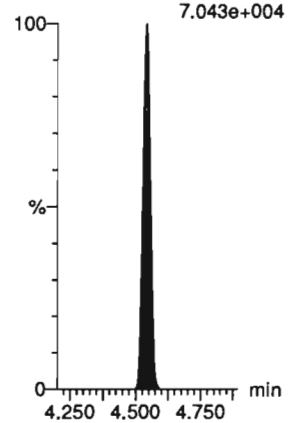
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.049e+005



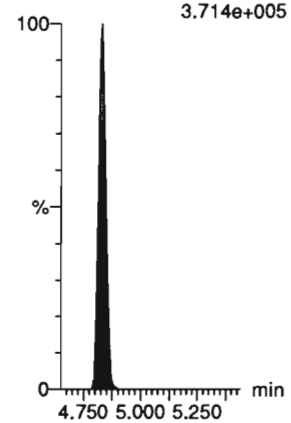
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.054e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.043e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.714e+005

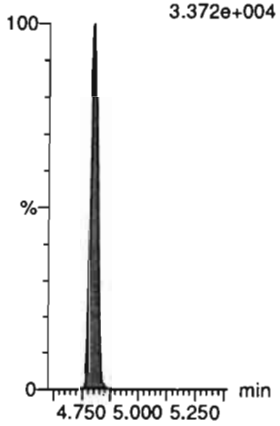


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

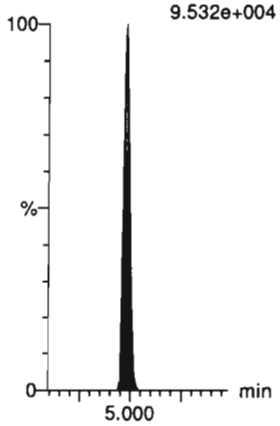
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

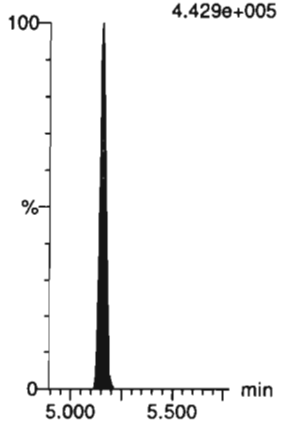
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.372e+004



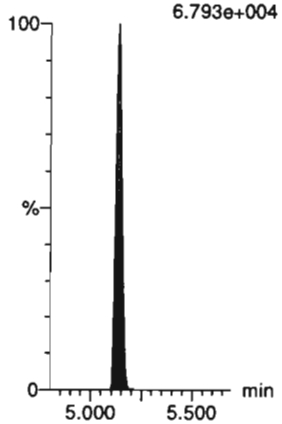
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.532e+004



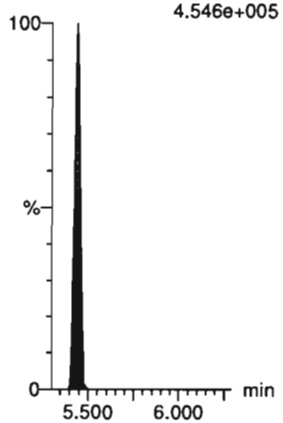
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.429e+005



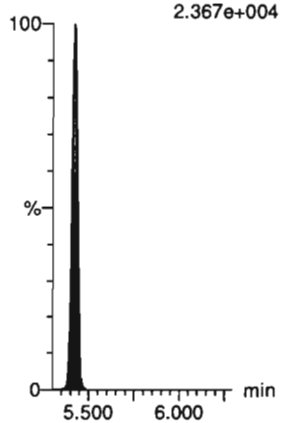
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.793e+004



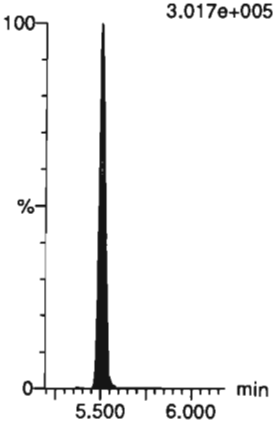
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.546e+005



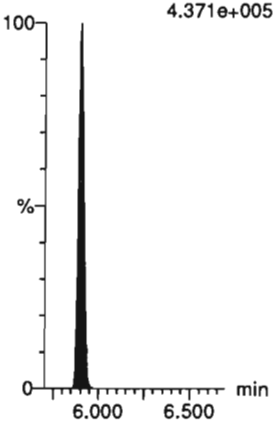
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.367e+004



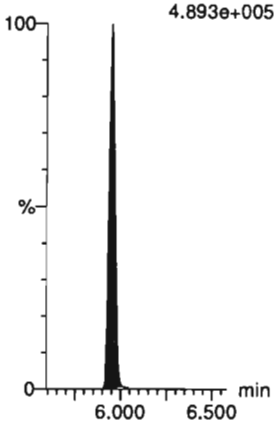
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.017e+005



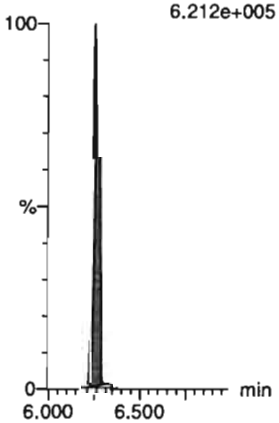
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.371e+005



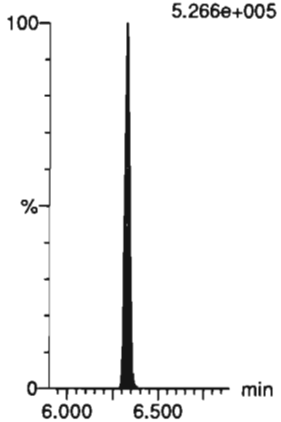
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.893e+005



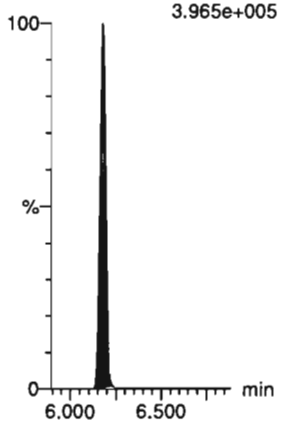
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.212e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.266e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.965e+005

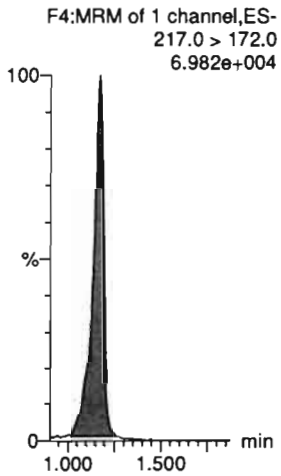


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

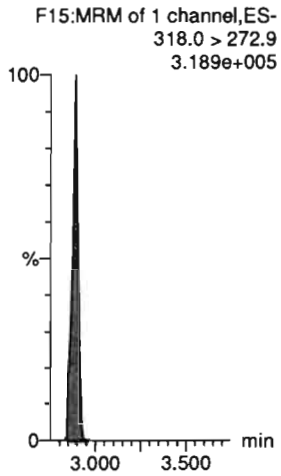
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-10, Date: 09-Jun-2020, Time: 14:48:02, ID: ST200609P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

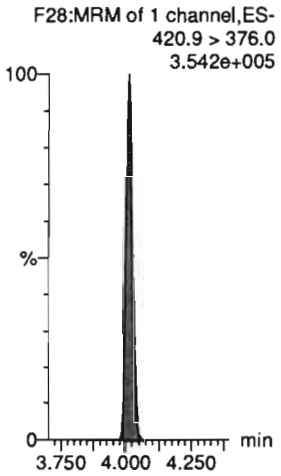
13C4-PFBA



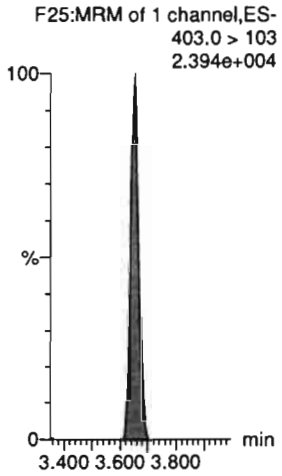
13C5-PFHxA



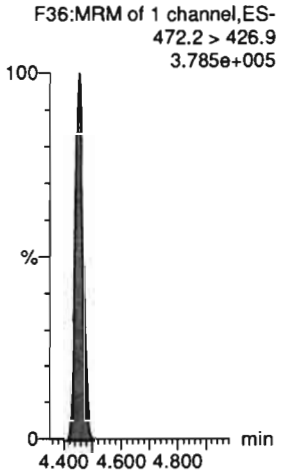
13C8-PFOA



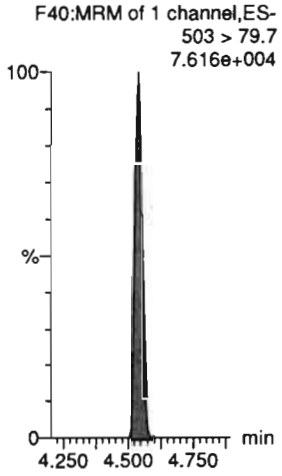
18O2-PFHxS



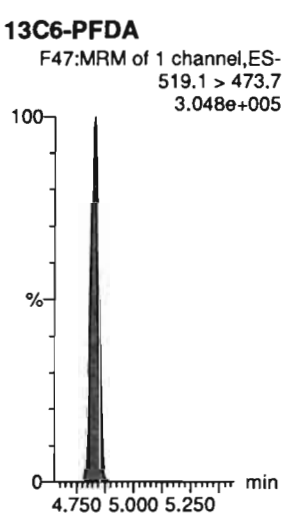
13C9-PFNA



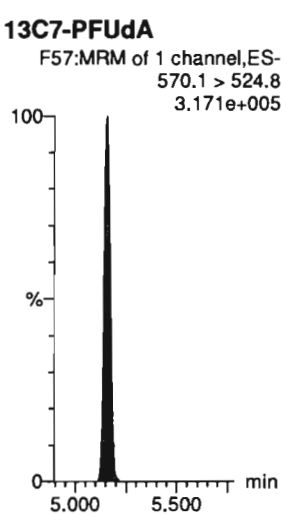
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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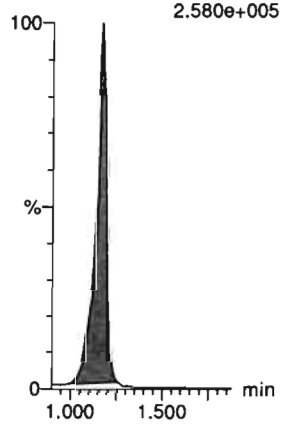
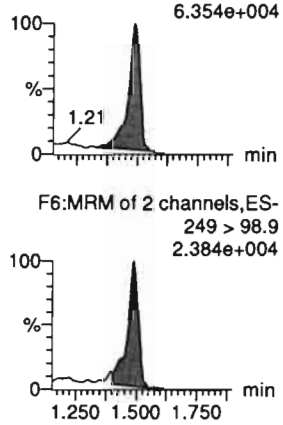
Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

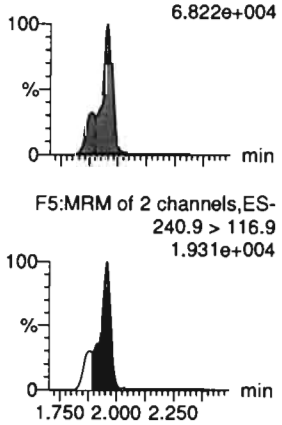
PFBA



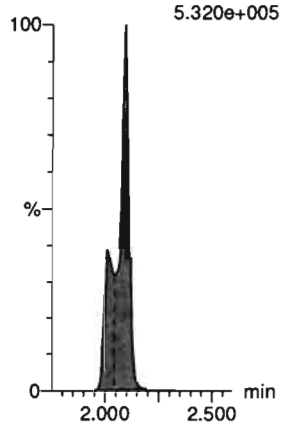
PFPrS



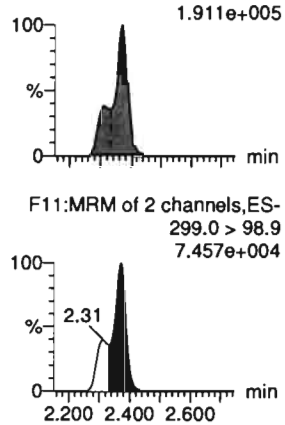
3:3 FTCA



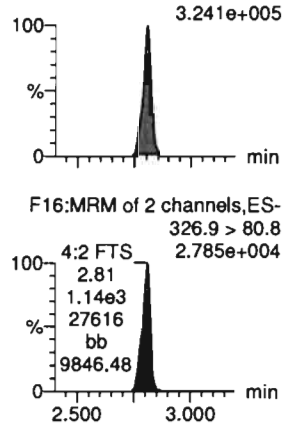
PFPeA



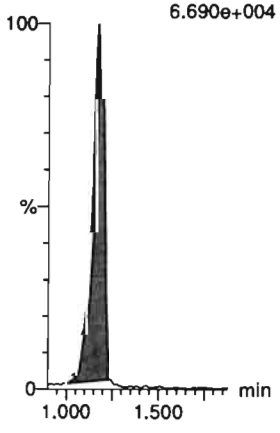
PFBS



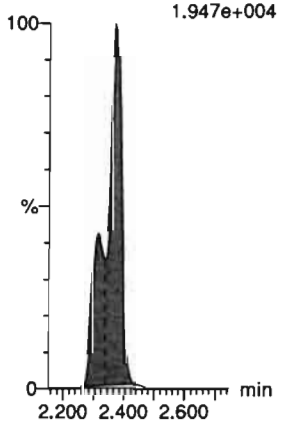
4:2 FTS



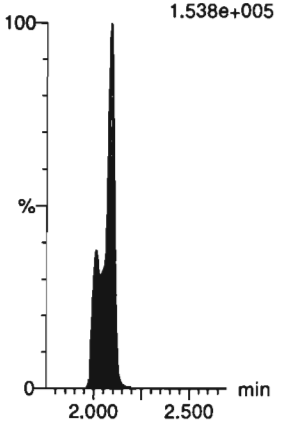
13C3-PFBA-EIS



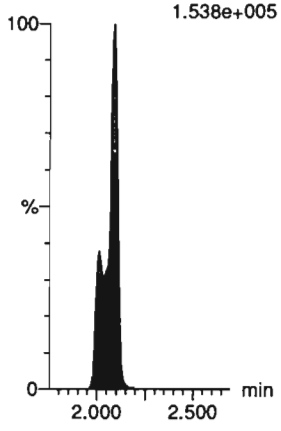
13C3-PFBS-EIS



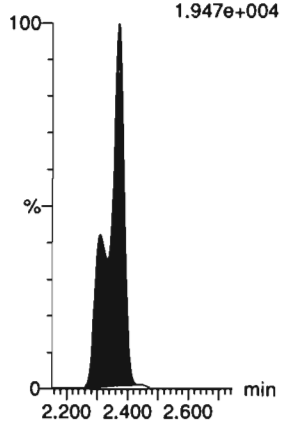
13C3-PFPeA-EIS



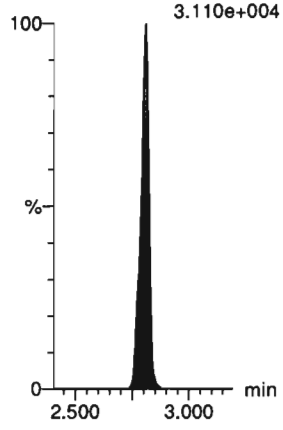
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

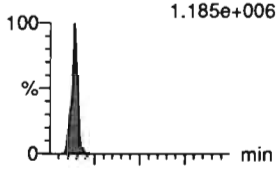


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

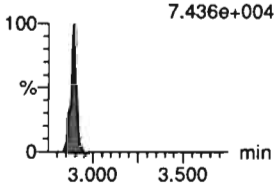
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

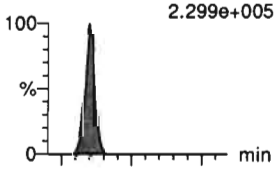
PFHxA
F13:MRM of 2 channels,ES-
313.0 > 269.0
1.185e+006



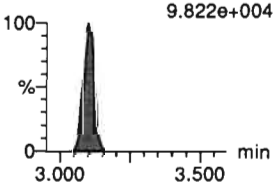
F13:MRM of 2 channels,ES-
313 > 118.9
7.436e+004



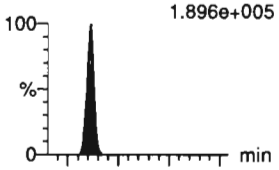
PFPeS
F19:MRM of 2 channels,ES-
349. > 80
2.299e+005



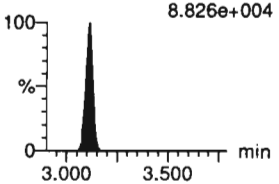
F19:MRM of 2 channels,ES-
349. > 98.9
9.822e+004



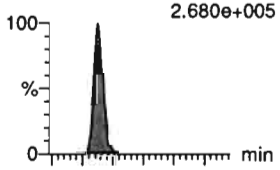
HFPO-DA
F9:MRM of 3 channels,ES-
285.1 > 168.9
1.896e+005



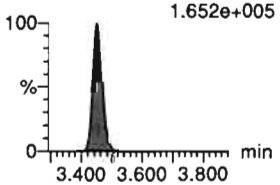
F9:MRM of 3 channels,ES-
285.1 > 184.9
8.826e+004



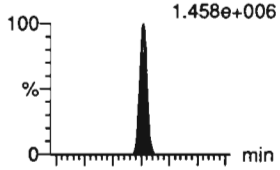
5:3 FTCA
F18:MRM of 2 channels,ES-
340.9 > 236.9
2.680e+005



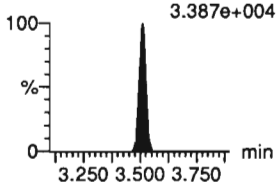
F18:MRM of 2 channels,ES-
340.9 > 216.9
1.652e+005



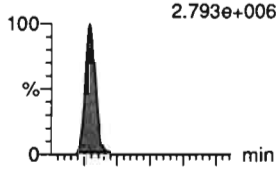
PFHpA
F20:MRM of 2 channels,ES-
363.0 > 319
1.458e+006



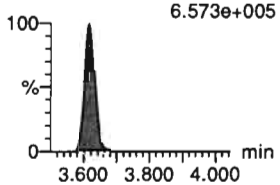
F20:MRM of 2 channels,ES-
363.0 > 169.0
3.387e+004



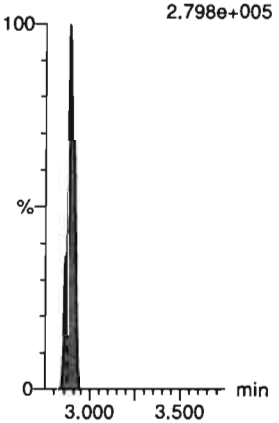
ADONA
F22:MRM of 2 channels,ES-
376.8 > 250.9
2.793e+006



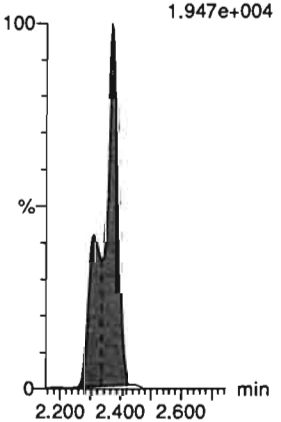
F22:MRM of 2 channels,ES-
376.8 > 85.0
6.573e+005



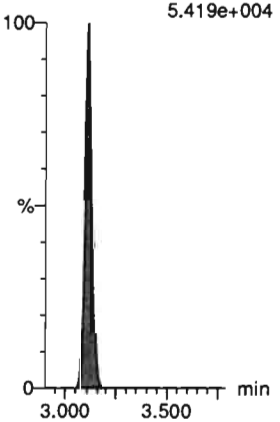
13C2-PFHxA-EIS
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.798e+005



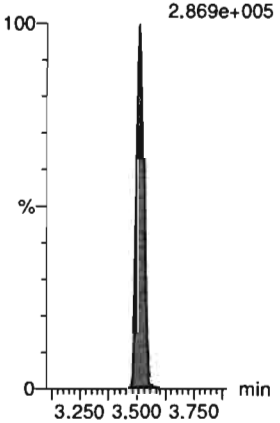
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.947e+004



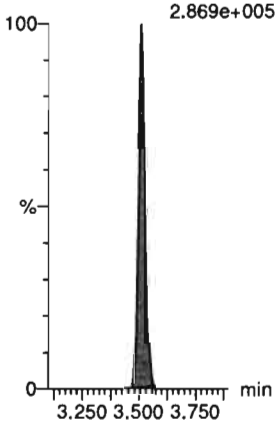
13C3-HFPO-DA-EIS
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.419e+004



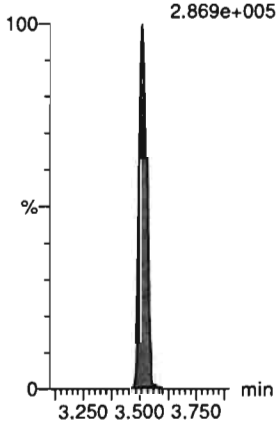
13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.869e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.869e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.869e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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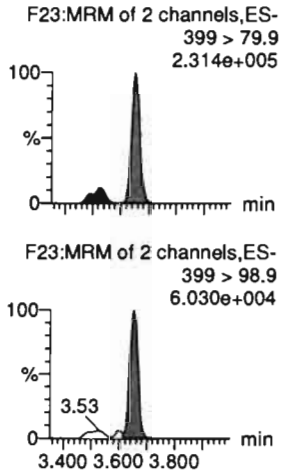
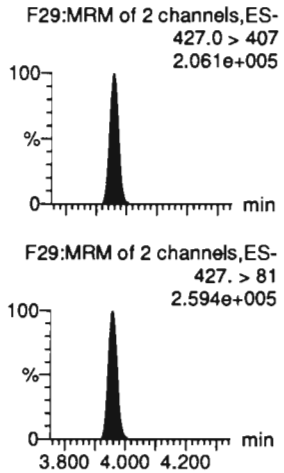
Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

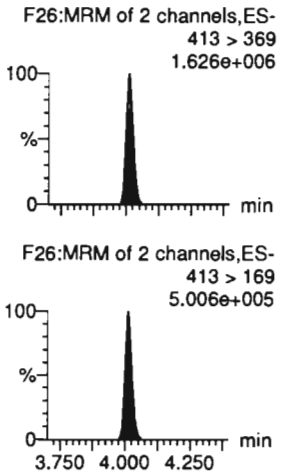
L-PFHxS



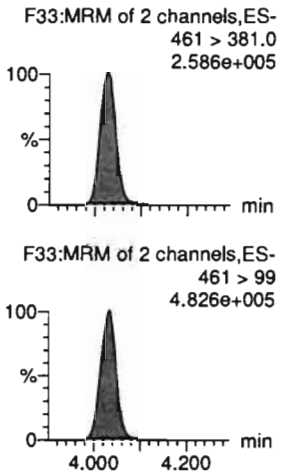
6:2 FTS



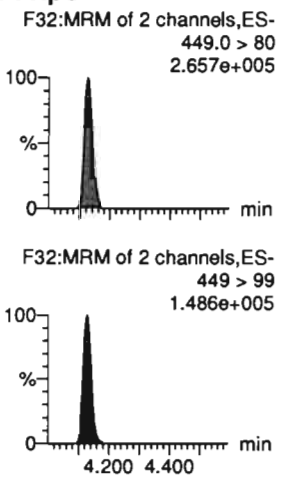
L-PFOA



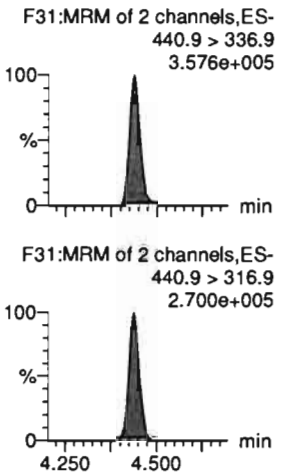
PFEChS



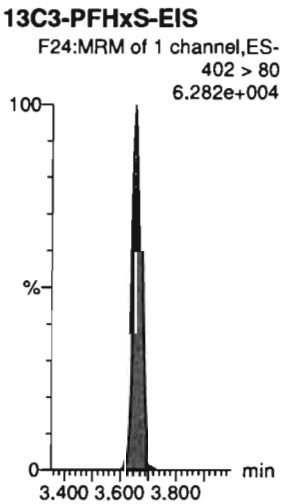
PFHpS



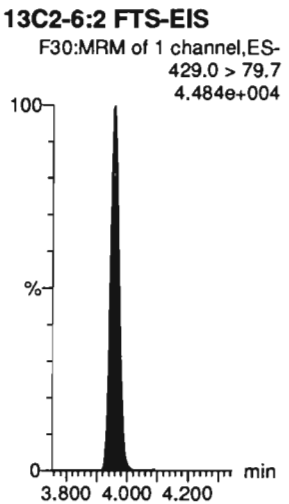
7:3 FTCA



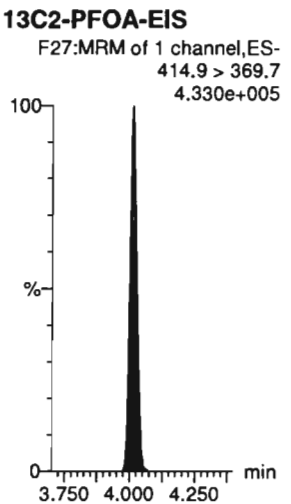
13C3-PFHxS-EIS



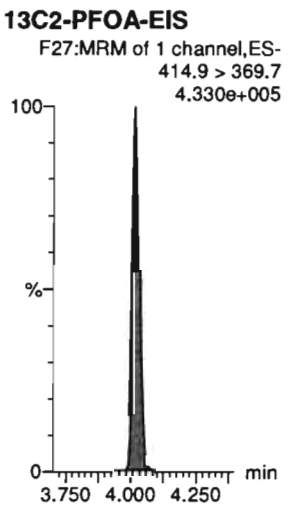
13C2-6:2 FTS-EIS



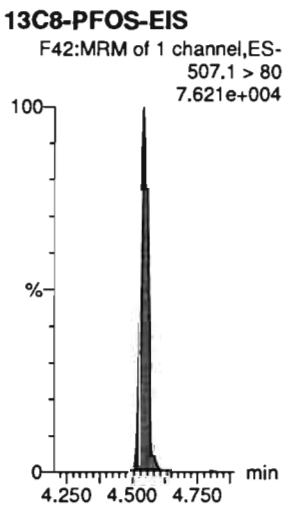
13C2-PFOA-EIS



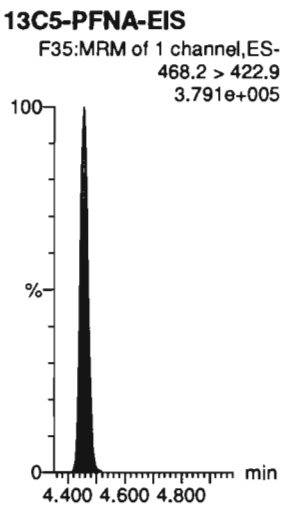
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

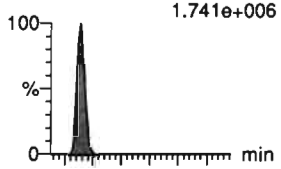


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

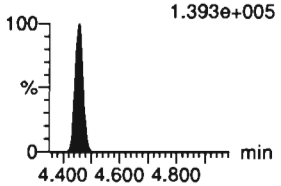
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

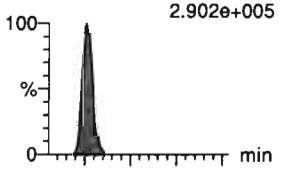
PFNA
F34:MRM of 2 channels,ES-
463.0 > 418.8
1.741e+006



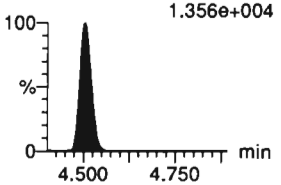
F34:MRM of 2 channels,ES-
463.0 > 219.0
1.393e+005



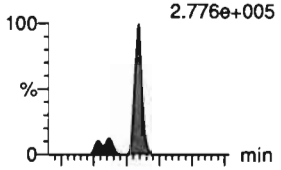
PFOSA
F37:MRM of 2 channels,ES-
498 > 78
2.902e+005



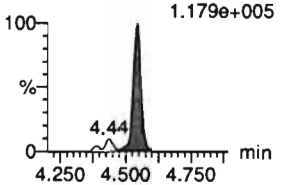
F37:MRM of 2 channels,ES-
498 > 169
1.356e+004



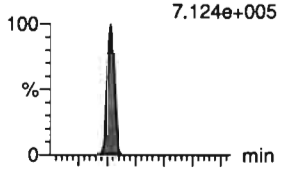
L-PFOS
F39:MRM of 2 channels,ES-
499 > 80
2.776e+005



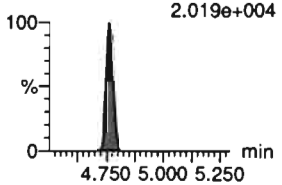
F39:MRM of 2 channels,ES-
499 > 99
1.179e+005



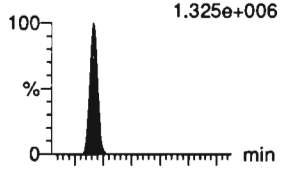
9Cl-PF30NS
F51:MRM of 2 channels,ES-
531 > 351
7.124e+005



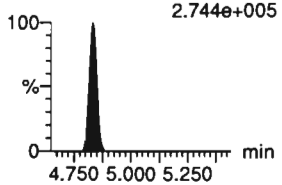
F51:MRM of 2 channels,ES-
531 > 83
2.019e+004



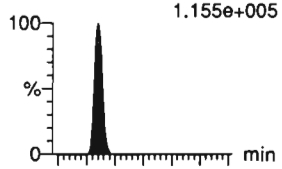
PFDA
F44:MRM of 2 channels,ES-
513 > 469
1.325e+006



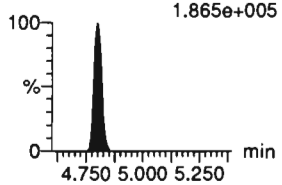
F44:MRM of 2 channels,ES-
513 > 219
2.744e+005



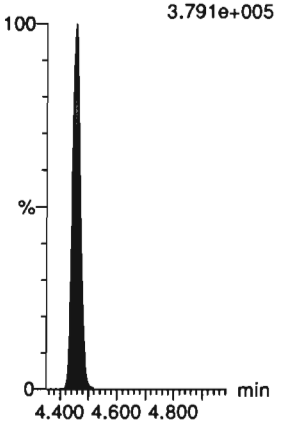
8:2 FTS
F49:MRM of 2 channels,ES-
527.1 > 507
1.155e+005



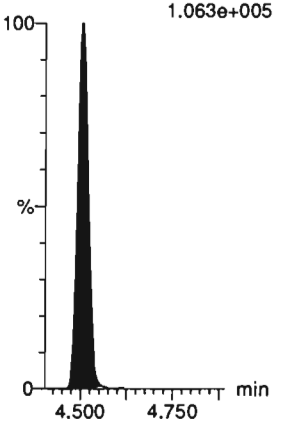
F49:MRM of 2 channels,ES-
527.1 > 81
1.865e+005



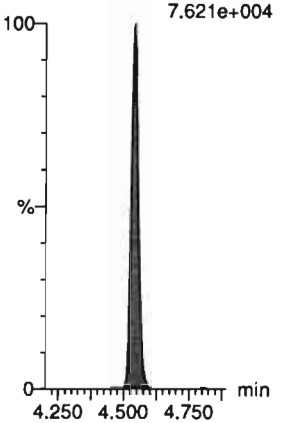
13C5-PFNA-EIS
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.791e+005



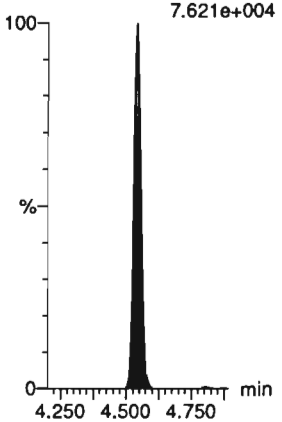
13C8-PFOSA-EIS
F41:MRM of 1 channel,ES-
506 > 78
1.063e+005



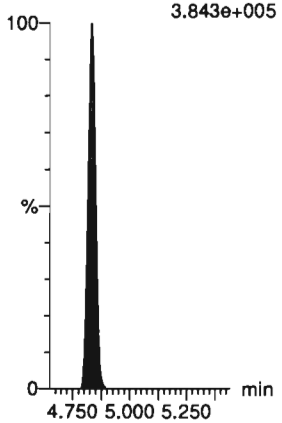
13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.1 > 80
7.621e+004



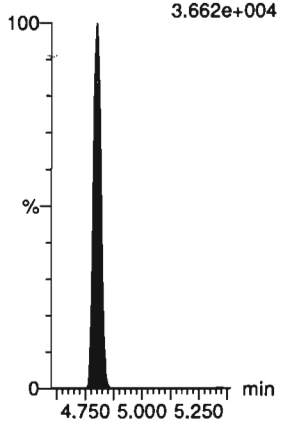
13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.1 > 80
7.621e+004



13C2-PFDA-EIS
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.843e+005



13C2-8:2 FTS-EIS
F50:MRM of 1 channel,ES-
529 > 80
3.662e+004

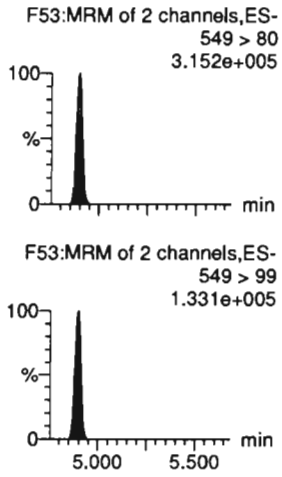


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

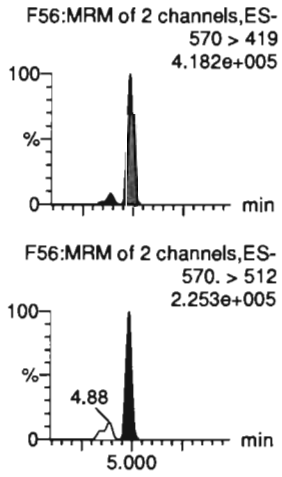
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

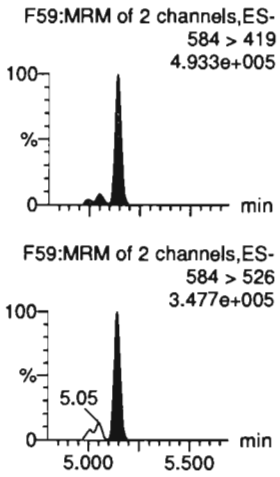
PFNS



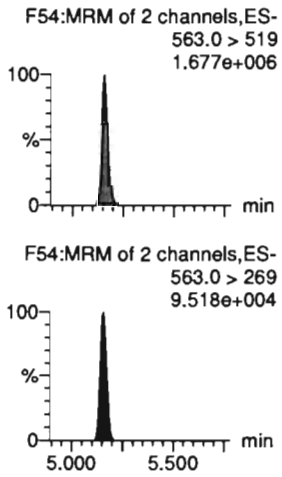
L-MeFOSAA



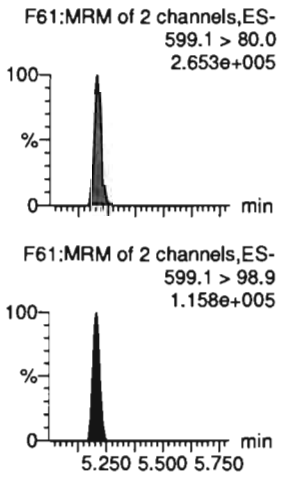
L-EtFOSAA



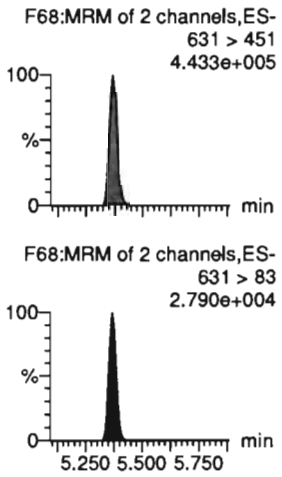
PFUdA



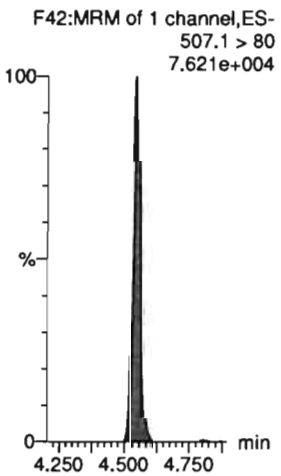
PFDS



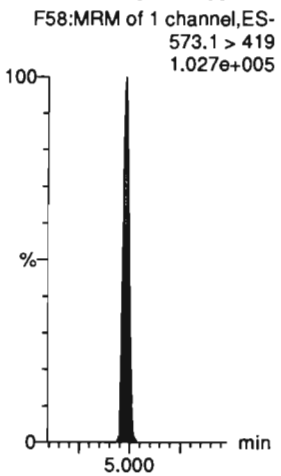
11Cl-PF30UdS



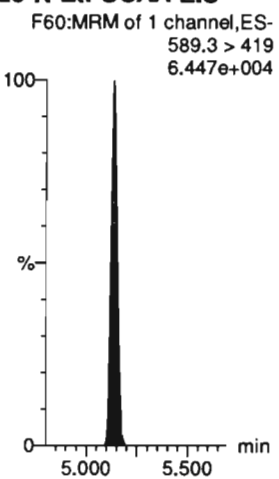
13C8-PFOS-EIS



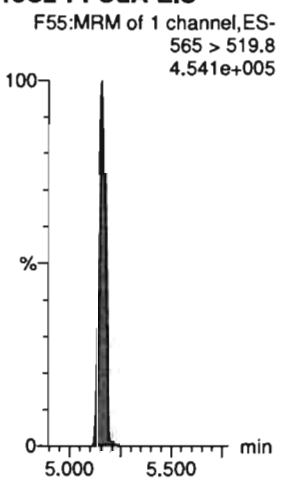
d3-N-MeFOSAA-EIS



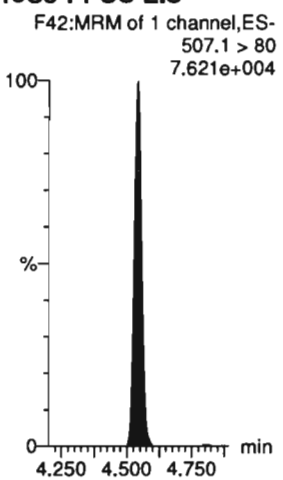
d5-N-EtFOSAA-EIS



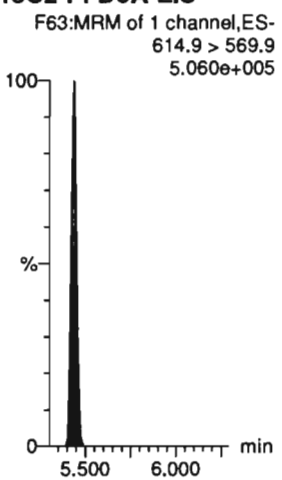
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

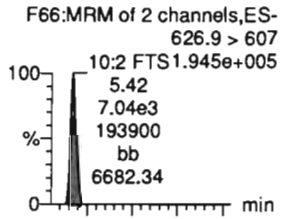


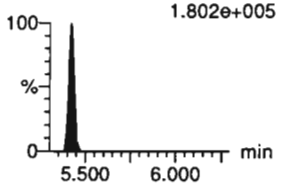
Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

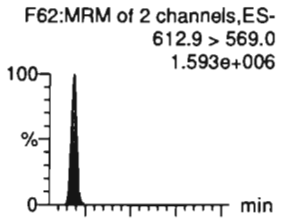
Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

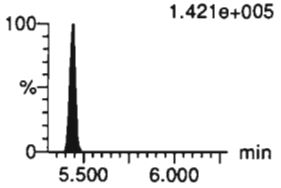
10:2 FTS



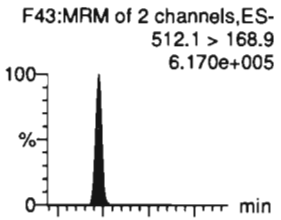


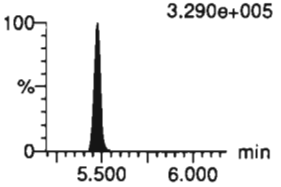
PFDoA



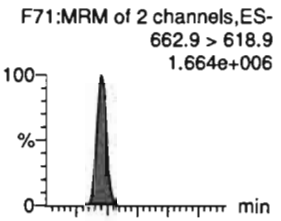


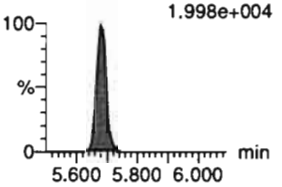
N-MeFOSA



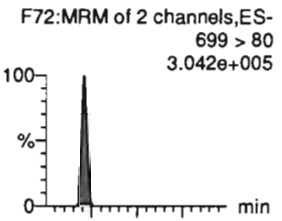


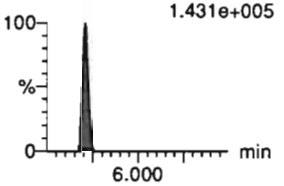
PFTrDA



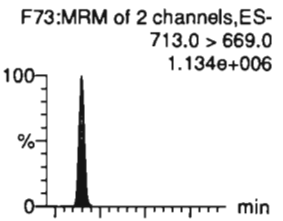


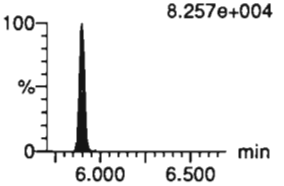
PFDoS



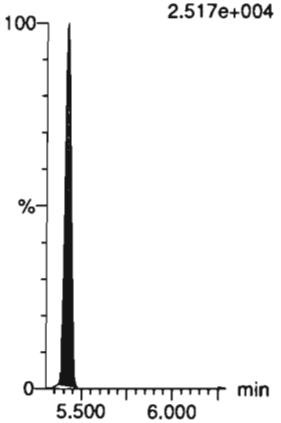


PFTeDA

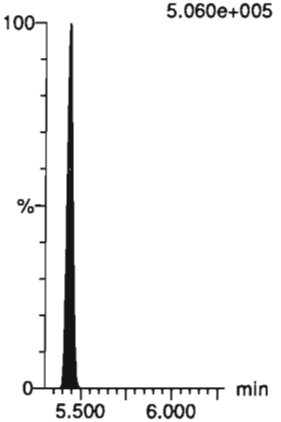




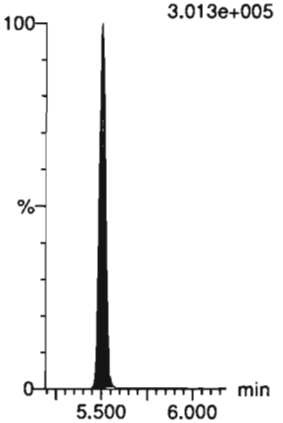
13C2-10:2 FTS-EIS



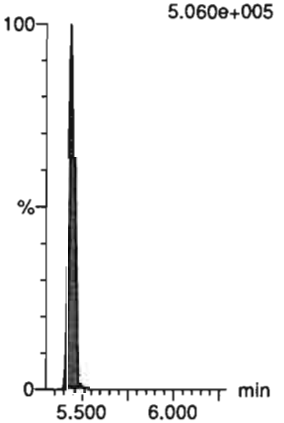
13C2-PFDoA-EIS



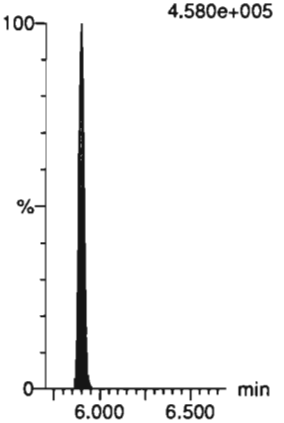
d3-N-MeFOSA-EIS



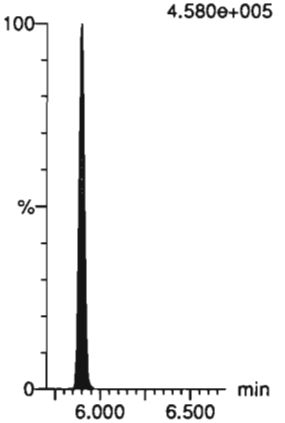
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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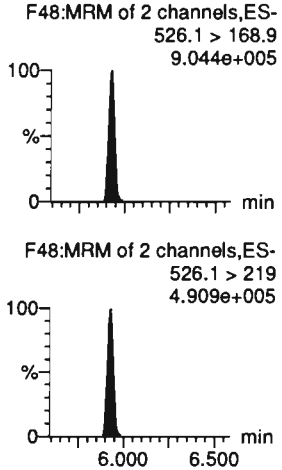
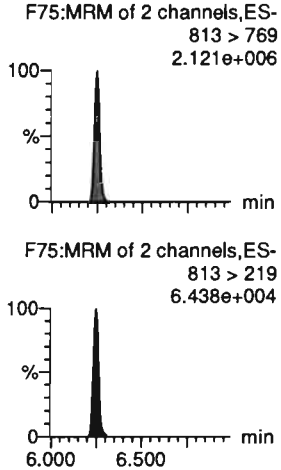
Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

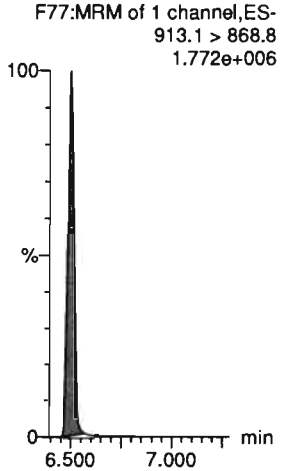
N-EtFOSA



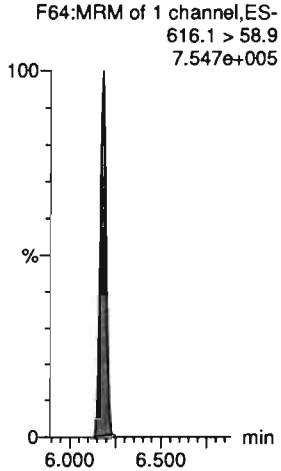
PFHxDA



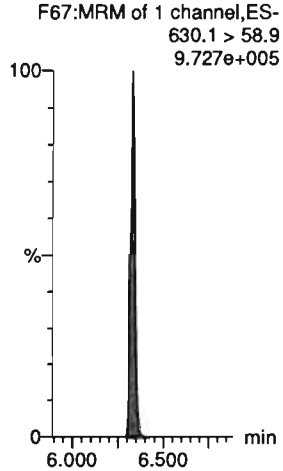
PFODA



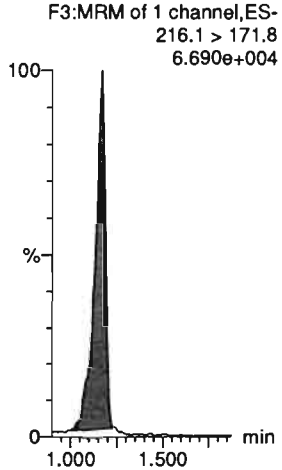
N-MeFOSE



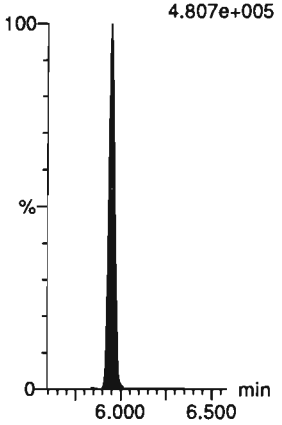
N-EtFOSE



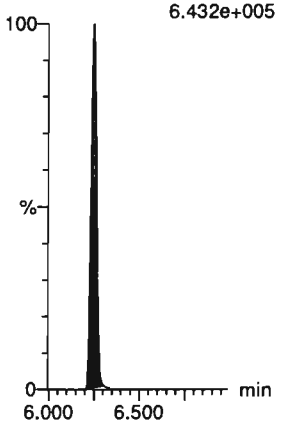
13C3-PFBA-RSD



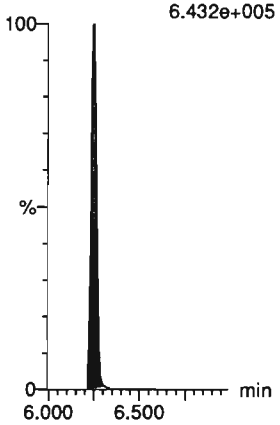
d5-N-ETFOSA-EIS



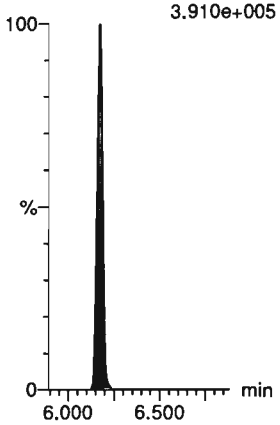
13C2-PFHxDA-EIS



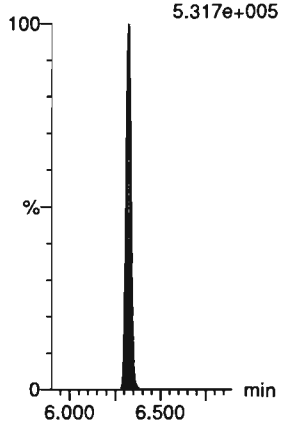
13C2-PFHxDA-EIS



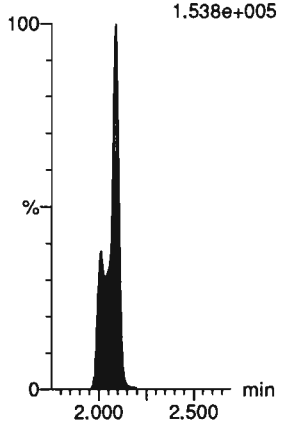
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

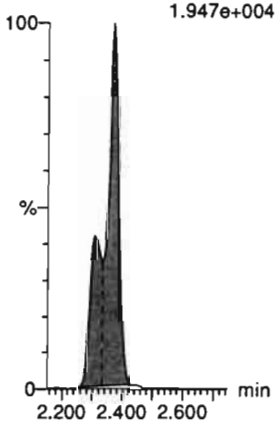


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

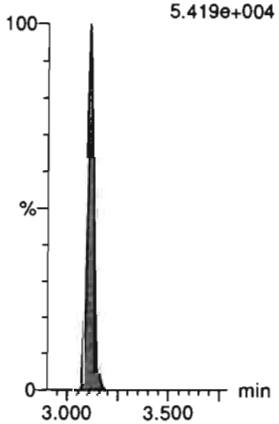
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

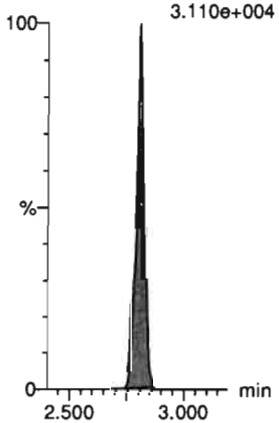
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.947e+004



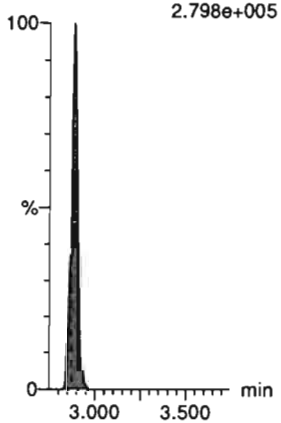
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.419e+004



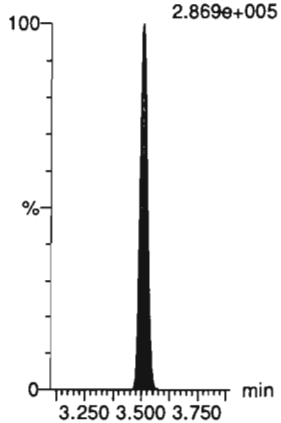
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.110e+004



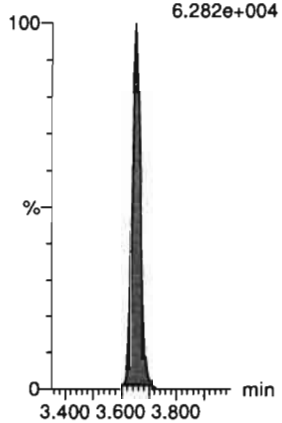
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.798e+005



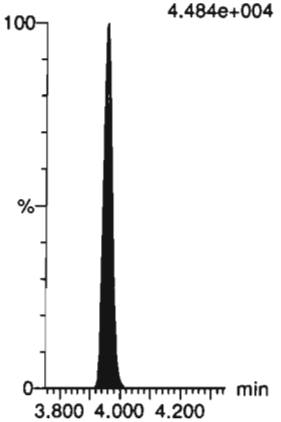
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.869e+005



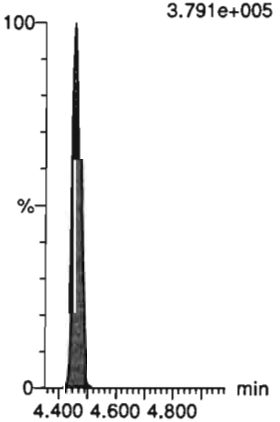
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.282e+004



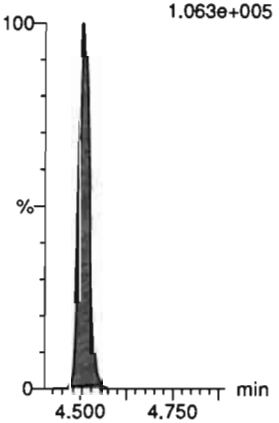
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.484e+004



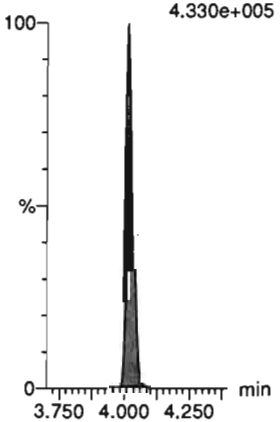
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.791e+005



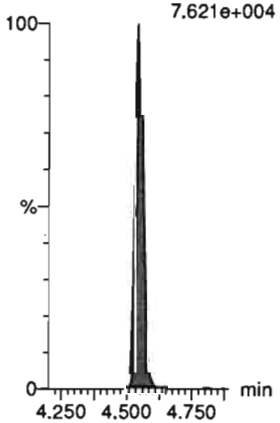
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.063e+005



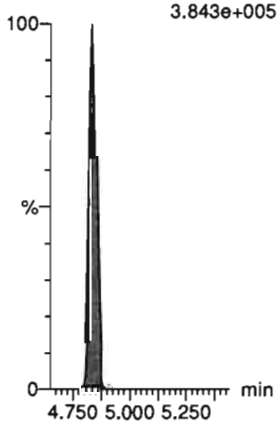
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.330e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.621e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.843e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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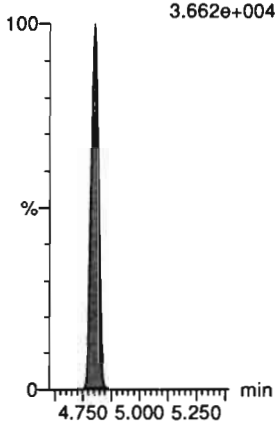
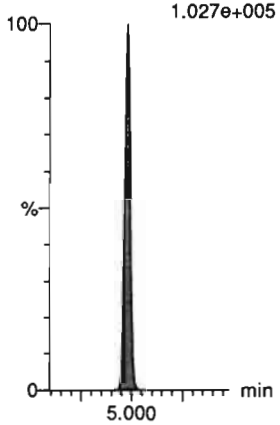
Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

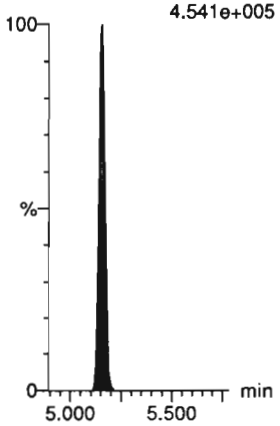
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.662e+004



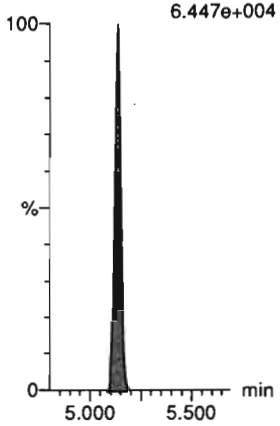
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.027e+005



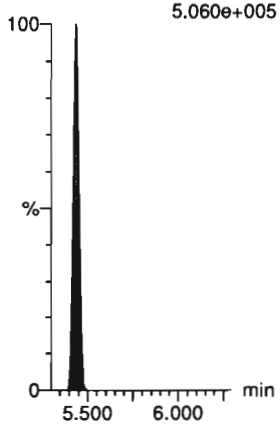
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.541e+005



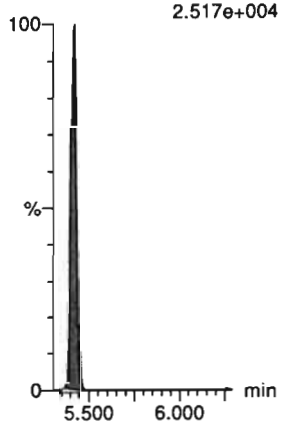
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.447e+004



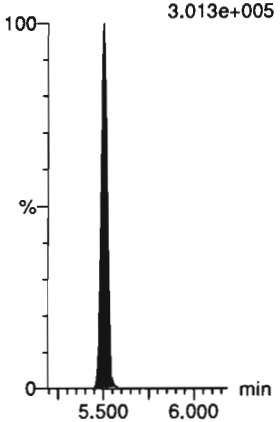
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.060e+005



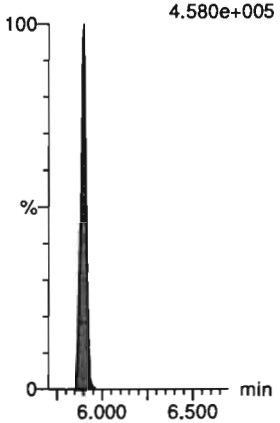
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.517e+004



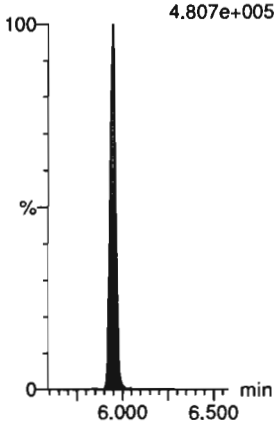
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.013e+005



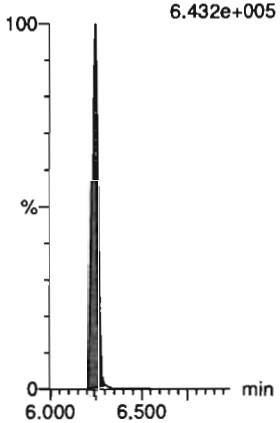
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.580e+005



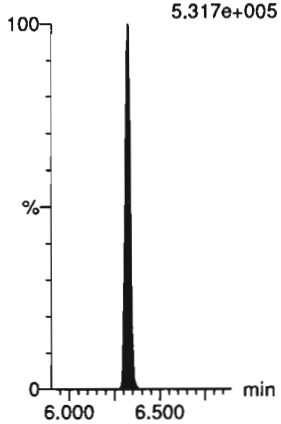
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.807e+005



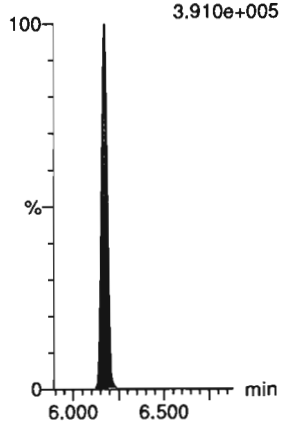
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.432e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.317e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.910e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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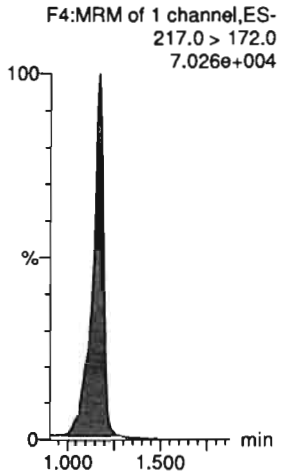
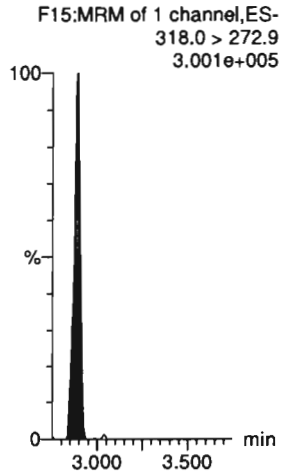
Name: 200609P1-11, Date: 09-Jun-2020, Time: 14:58:34, ID: ST200609P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

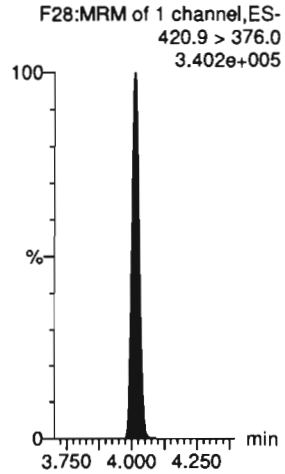
13C4-PFBA



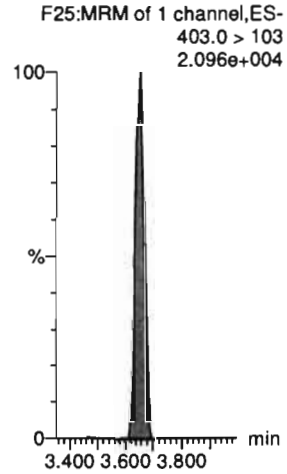
13C5-PFHxA



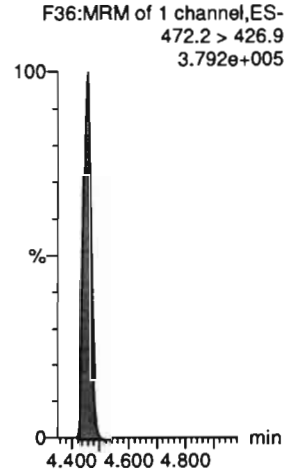
13C8-PFOA



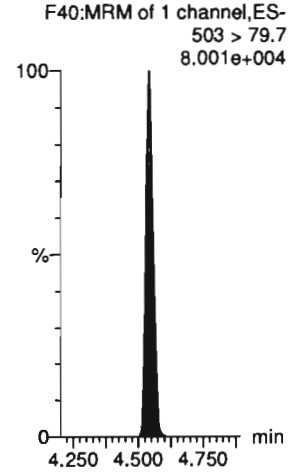
18O2-PFHxS



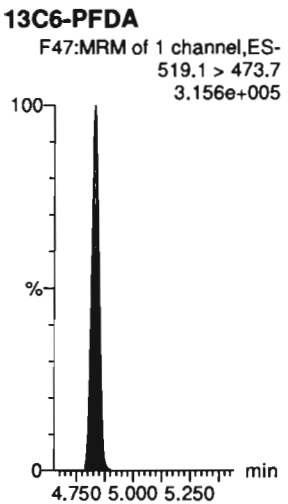
13C9-PFNA



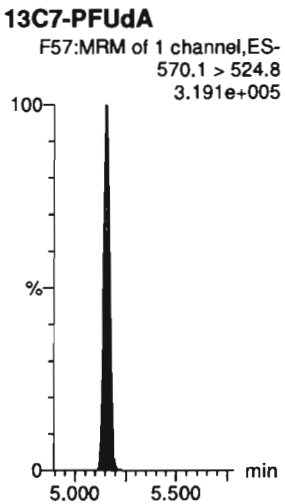
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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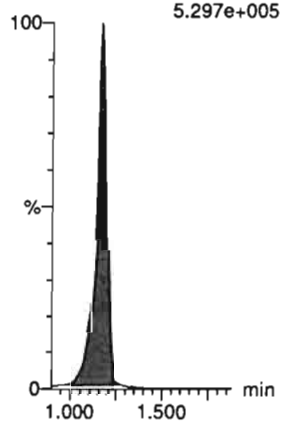
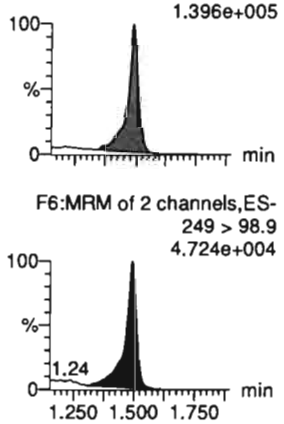
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

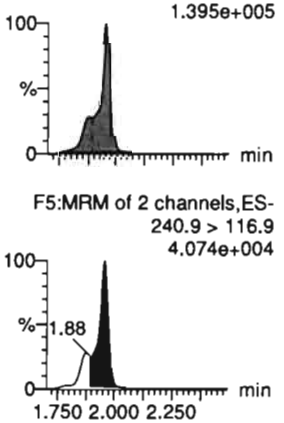
PFBA



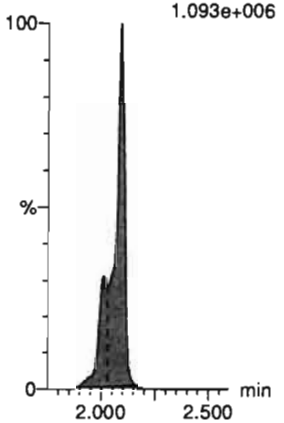
PFPrS



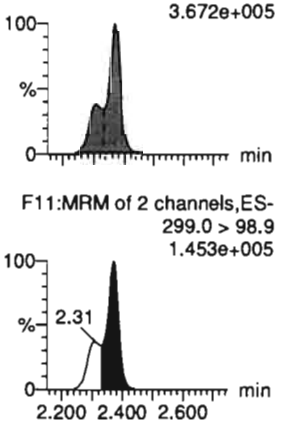
3:3 FTCA



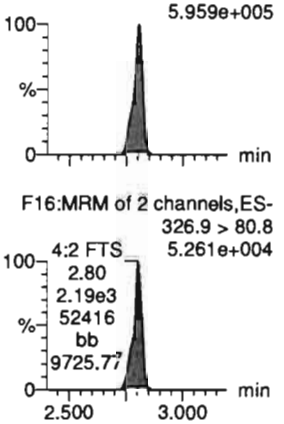
PFPeA



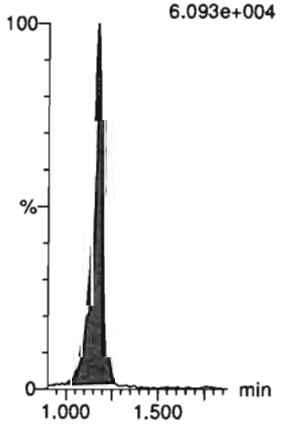
PFBS



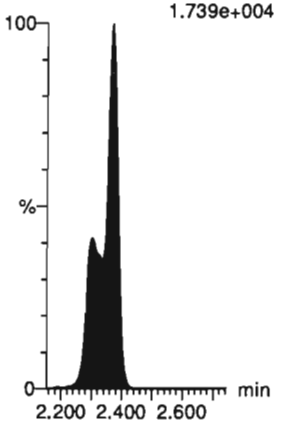
4:2 FTS



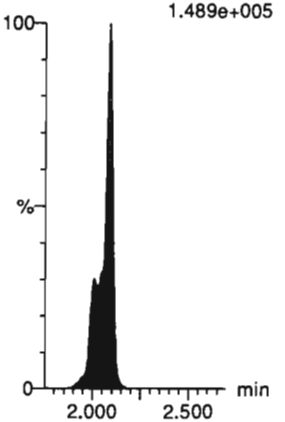
13C3-PFBA-EIS



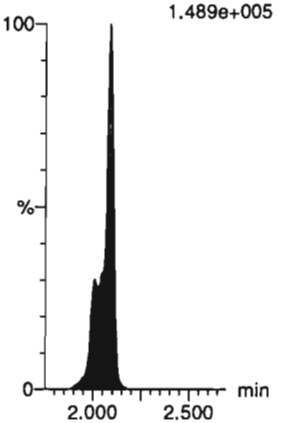
13C3-PFBS-EIS



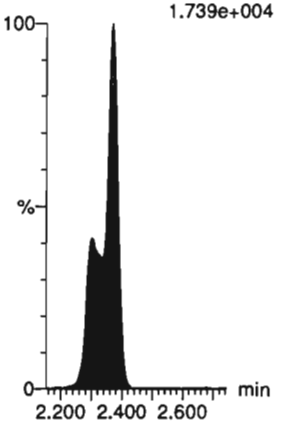
13C3-PFPeA-EIS



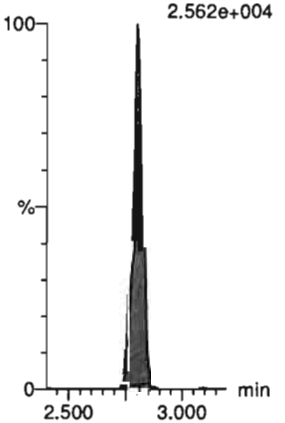
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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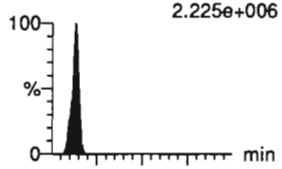
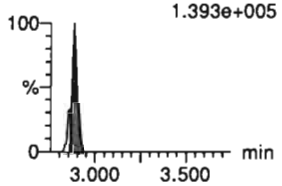
Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

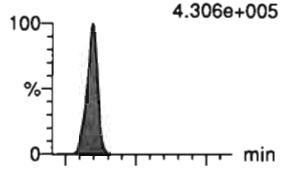
PFHxA
F13:MRM of 2 channels,ES-
313.0 > 269.0
2.225e+006



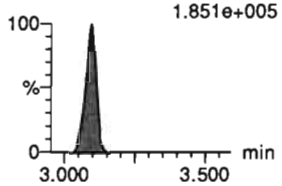
F13:MRM of 2 channels,ES-
313 > 118.9
1.393e+005



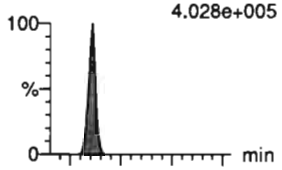
PFPeS
F19:MRM of 2 channels,ES-
349. > 80
4.306e+005



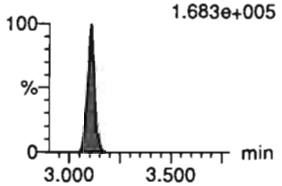
F19:MRM of 2 channels,ES-
349. > 98.9
1.851e+005



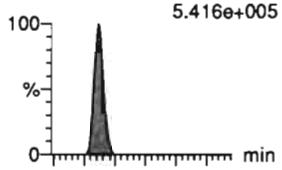
HFPO-DA
F9:MRM of 3 channels,ES-
285.1 > 168.9
4.028e+005



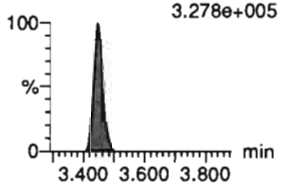
F9:MRM of 3 channels,ES-
285.1 > 184.9
1.683e+005



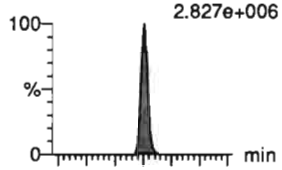
5:3 FTCA
F18:MRM of 2 channels,ES-
340.9 > 236.9
5.416e+005



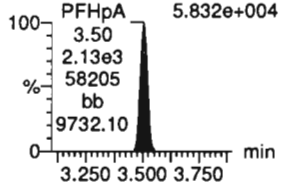
F18:MRM of 2 channels,ES-
340.9 > 216.9
3.278e+005



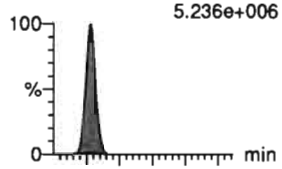
PFHpA
F20:MRM of 2 channels,ES-
363.0 > 319
2.827e+006



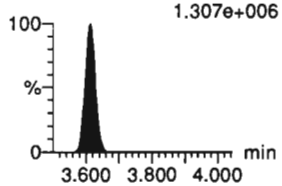
F20:MRM of 2 channels,ES-
363.0 > 169.0
5.832e+004



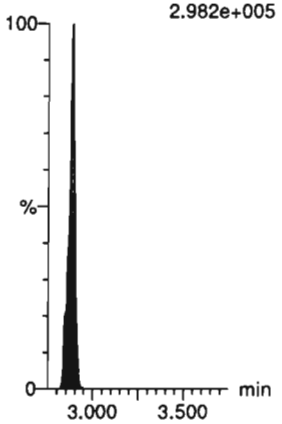
ADONA
F22:MRM of 2 channels,ES-
376.8 > 250.9
5.236e+006



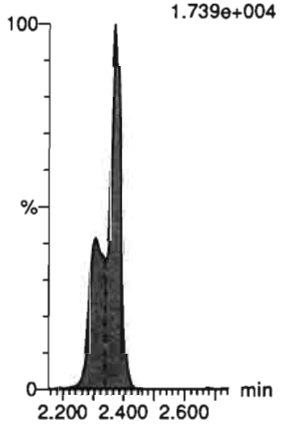
F22:MRM of 2 channels,ES-
376.8 > 85.0
1.307e+006



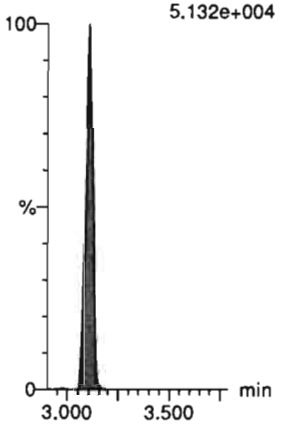
13C2-PFHxA-EIS
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.982e+005



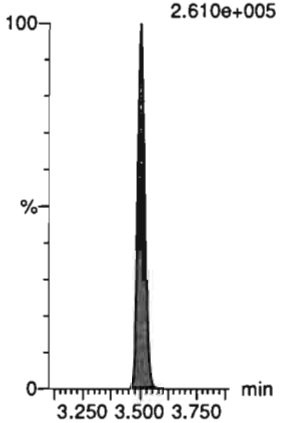
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.739e+004



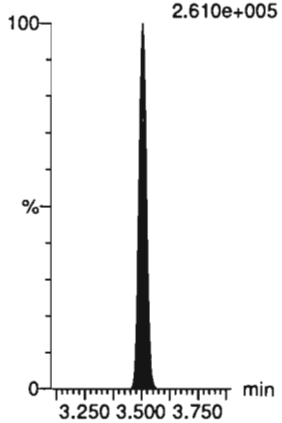
13C3-HFPO-DA-EIS
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.132e+004



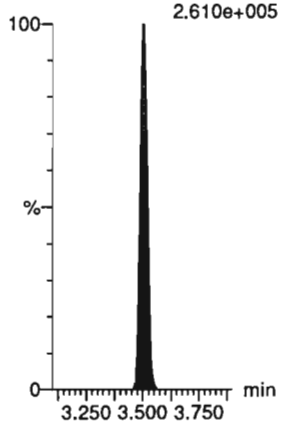
13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.610e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.610e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.610e+005



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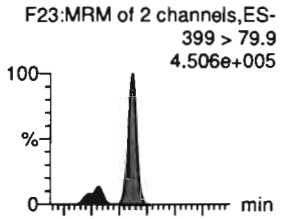
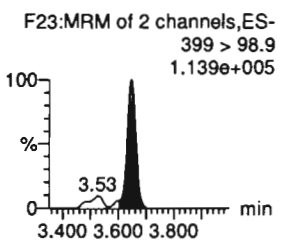
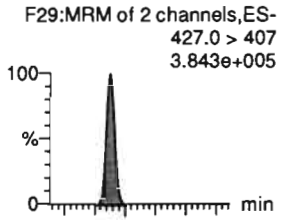
Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

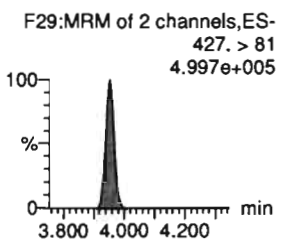
L-PFHxS



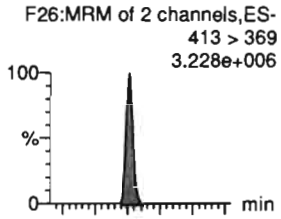


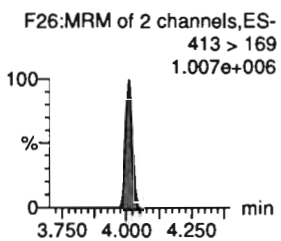
6:2 FTS



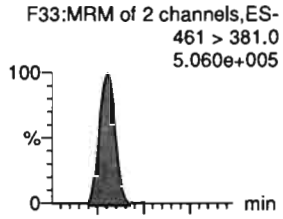


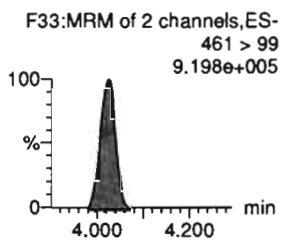
L-PFOA



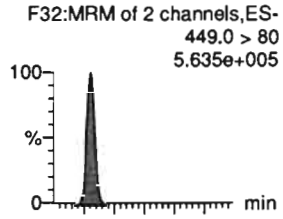


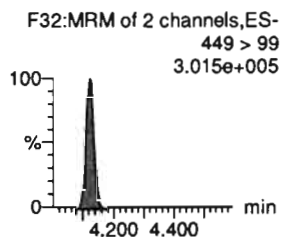
PFEChS



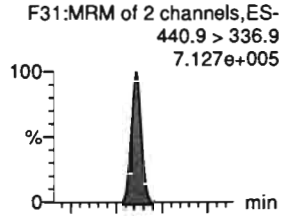


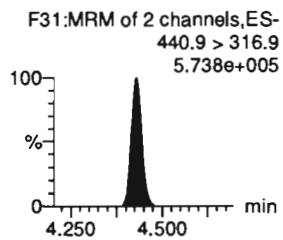
PFHpS



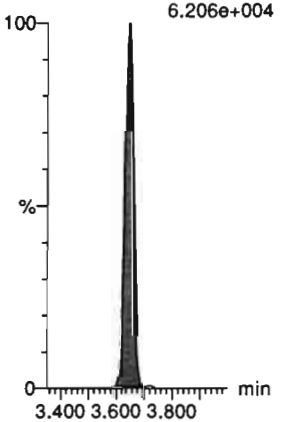


7:3 FTCA

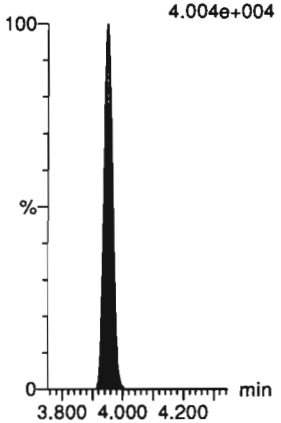




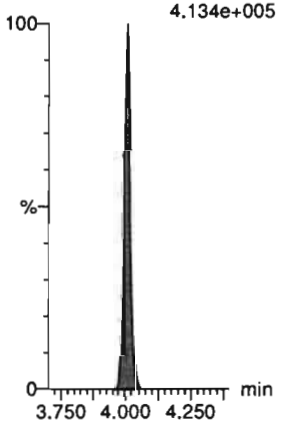
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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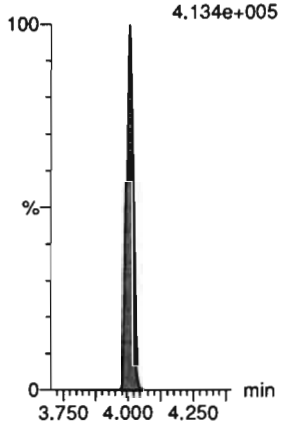
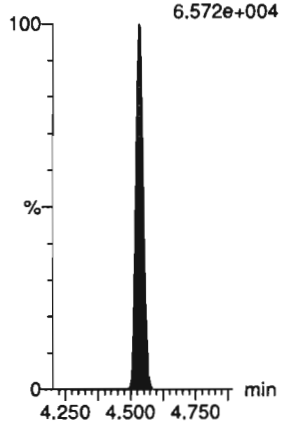
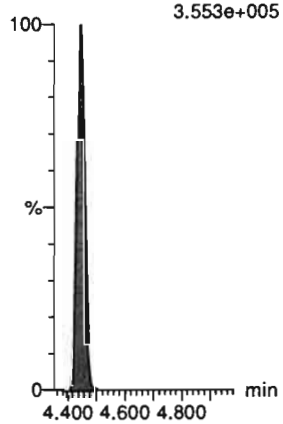


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

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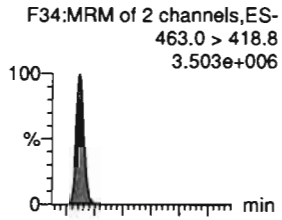

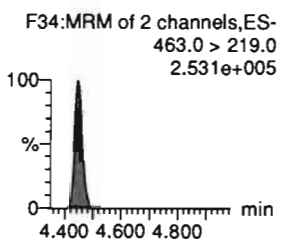

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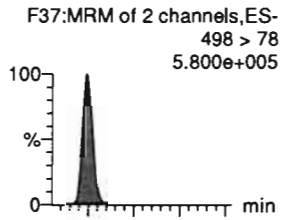
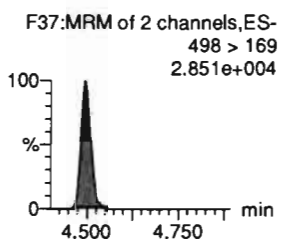
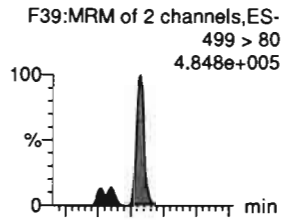
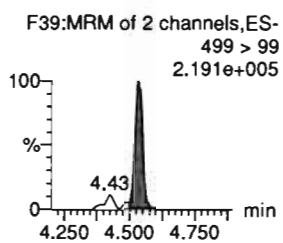


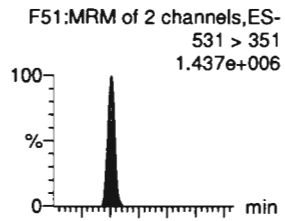


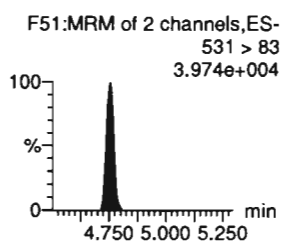
L-PFOS





9Cl-PF30NS





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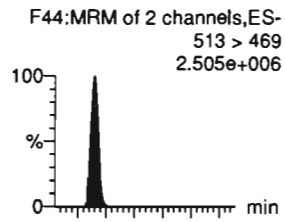
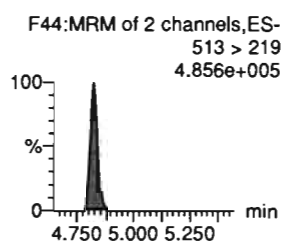
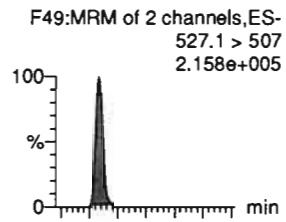
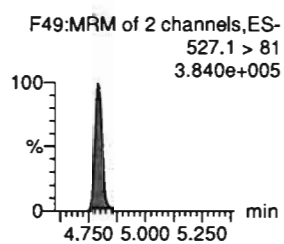


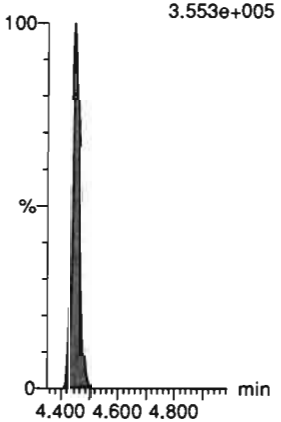


8:2 FTS

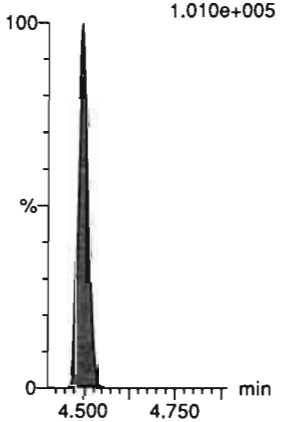




13C5-PFNA-EIS



13C8-PFOSA-EIS



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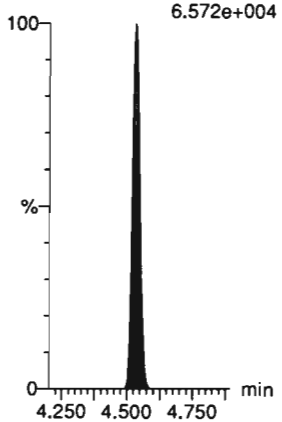

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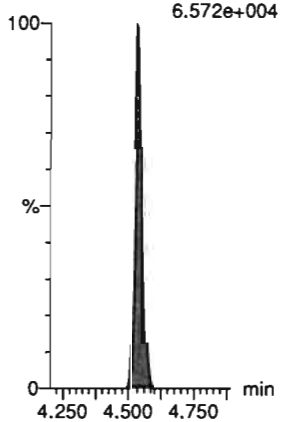
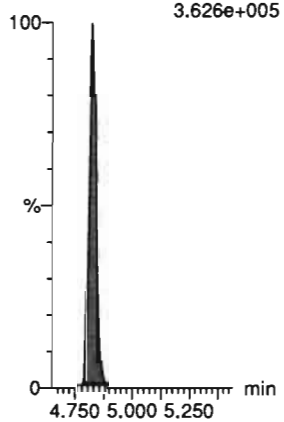


13C2-PFDA-EIS



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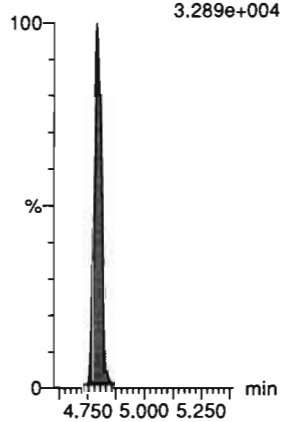

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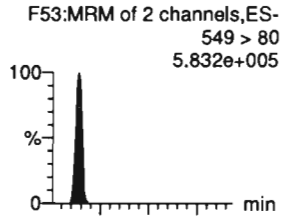
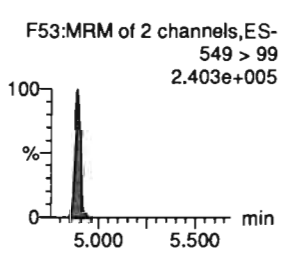
Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

PFNS





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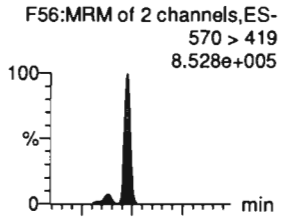

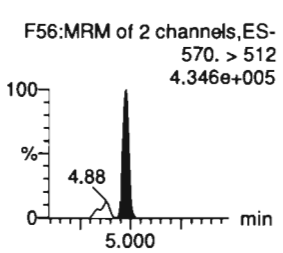

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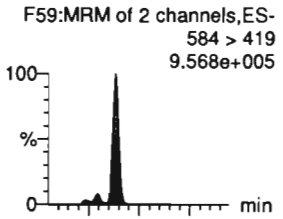

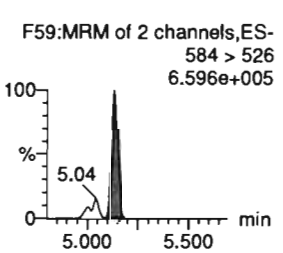

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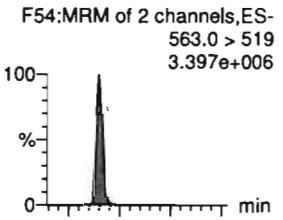

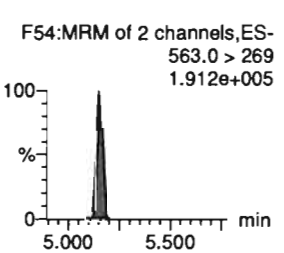

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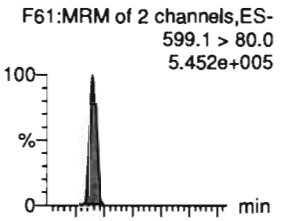

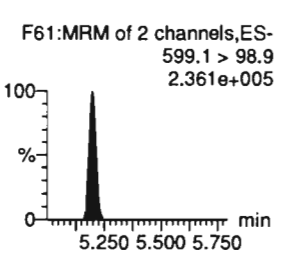

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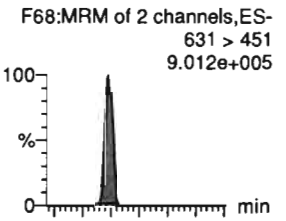
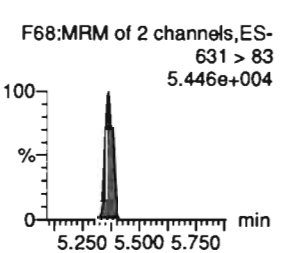
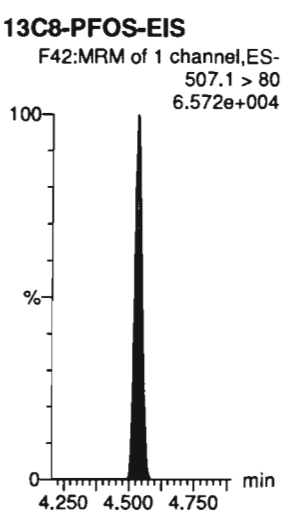




13C8-PFOS-EIS



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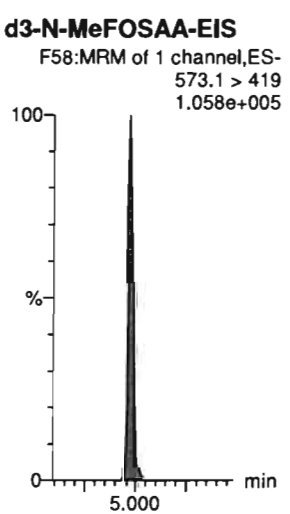

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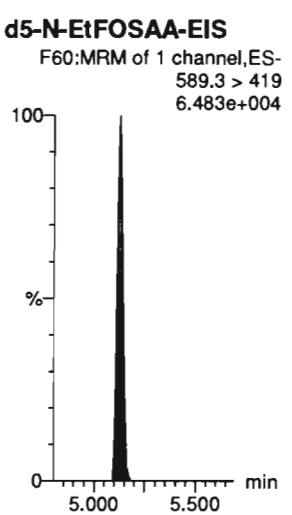

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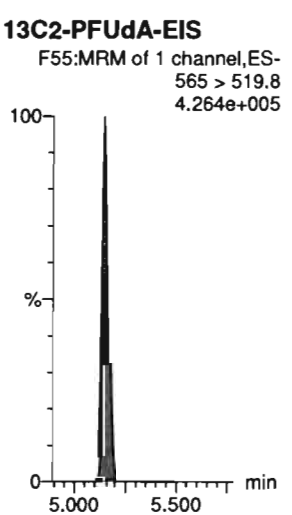

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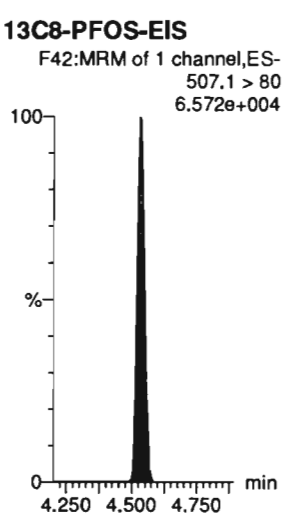

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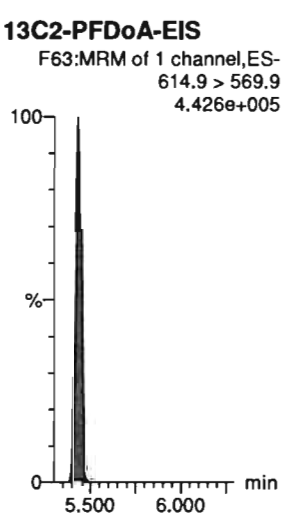

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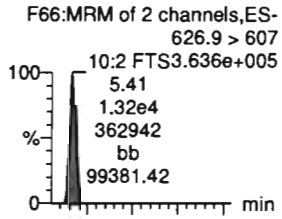
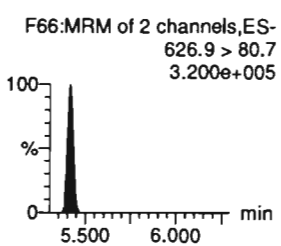
Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

10:2 FTS





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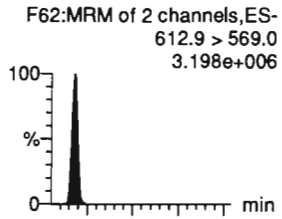
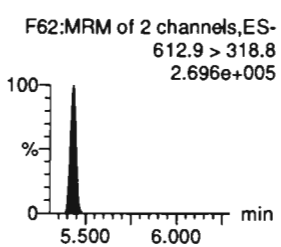
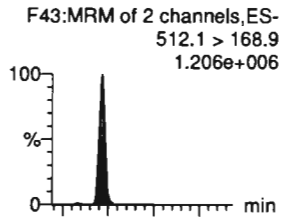
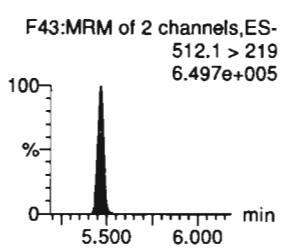




N-MeFOSA





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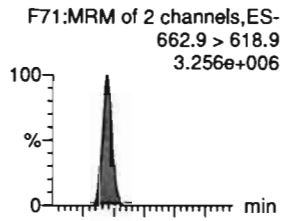
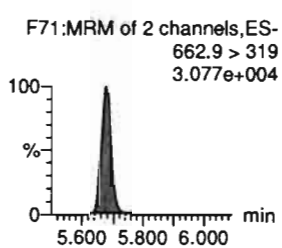
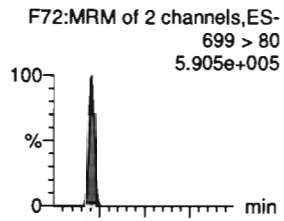
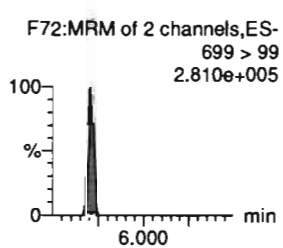


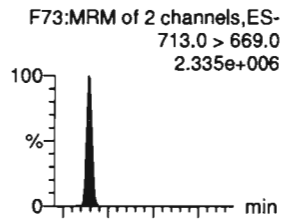


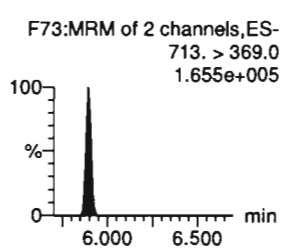
PFDoS



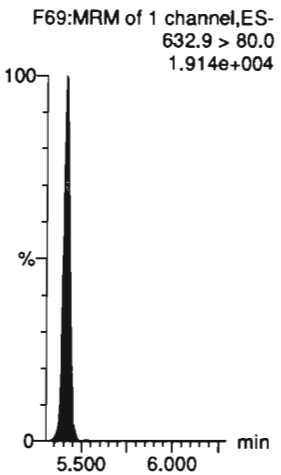


PFTeDA

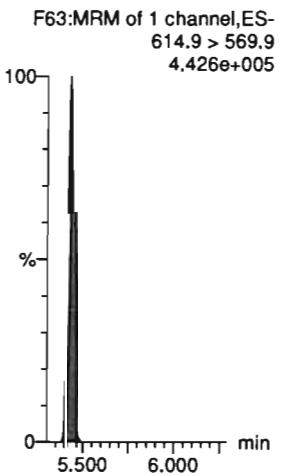




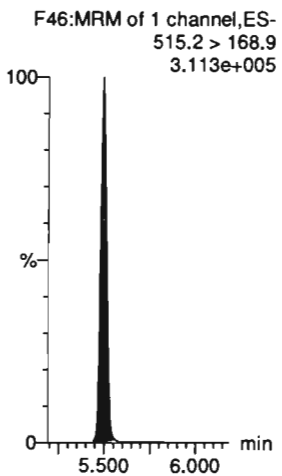
13C2-10:2 FTS-EIS



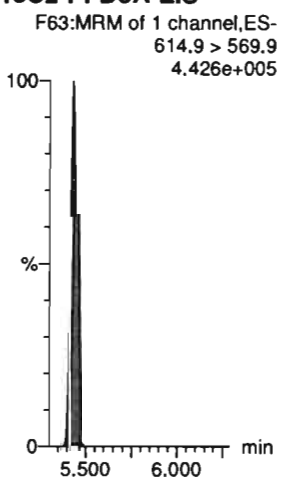
13C2-PFDoA-EIS



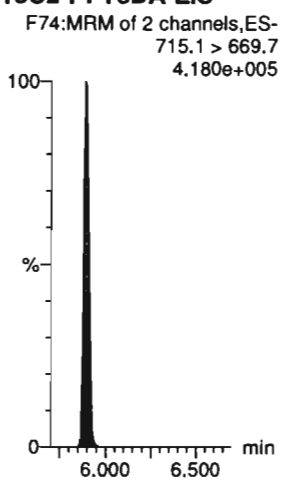
d3-N-MeFOSA-EIS



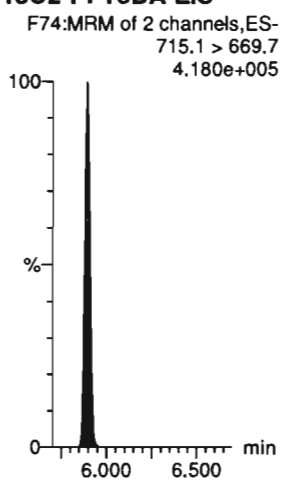
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

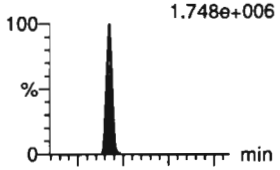


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

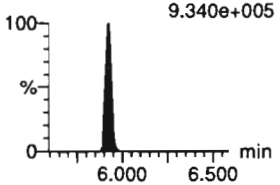
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

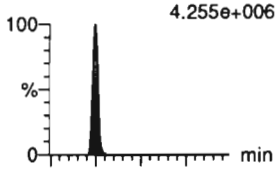
N-EtFOSA
F48:MRM of 2 channels,ES-
526.1 > 168.9
1.748e+006



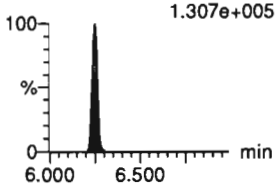
F48:MRM of 2 channels,ES-
526.1 > 219
9.340e+005



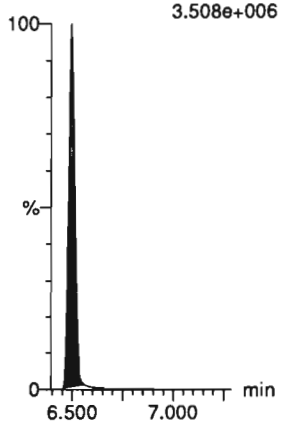
PFHxDA
F75:MRM of 2 channels,ES-
813 > 769
4.255e+006



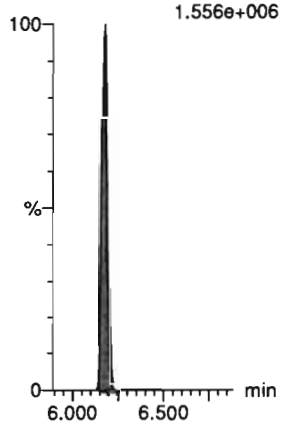
F75:MRM of 2 channels,ES-
813 > 219
1.307e+005



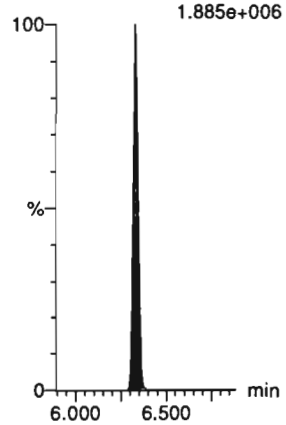
PFODA
F77:MRM of 1 channel,ES-
913.1 > 868.8
3.508e+006



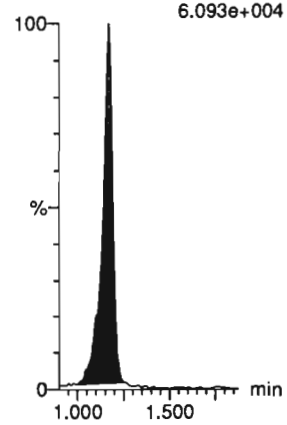
N-MeFOSE
F64:MRM of 1 channel,ES-
616.1 > 58.9
1.556e+006



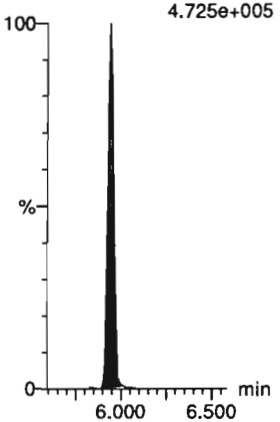
N-EtFOSE
F67:MRM of 1 channel,ES-
630.1 > 58.9
1.885e+006



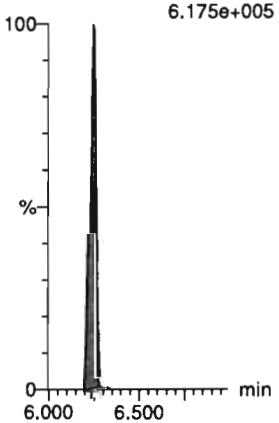
13C3-PFBA-RSD
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.093e+004



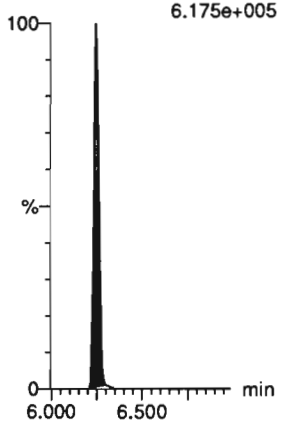
d5-N-ETFOSA-EIS
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.725e+005



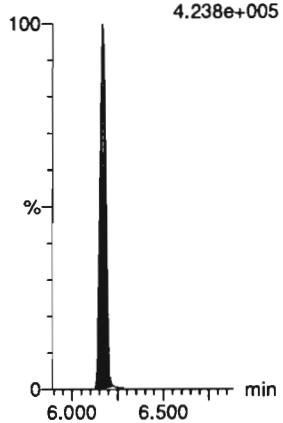
13C2-PFHxDA-EIS
F76:MRM of 1 channel,ES-
815 > 769.7
6.175e+005



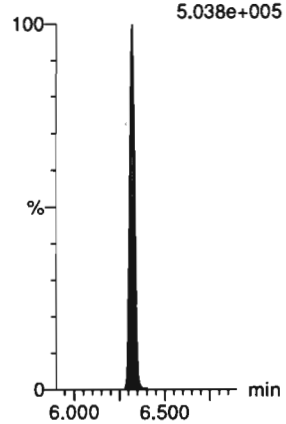
13C2-PFHxDA-EIS
F76:MRM of 1 channel,ES-
815 > 769.7
6.175e+005



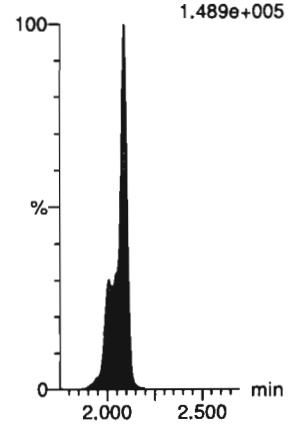
d7-N-MeFOSE-EIS
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.238e+005



d9-N-EtFOSE-EIS
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.038e+005



13C3-PFPeA-RSD
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.489e+005

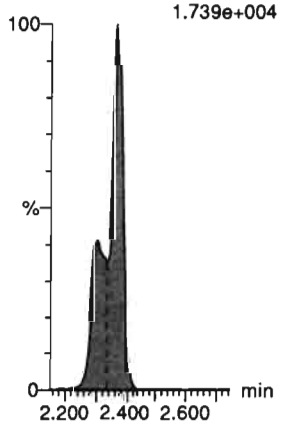


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

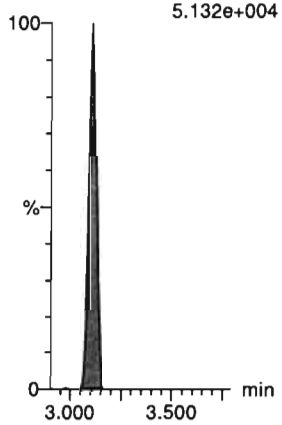
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

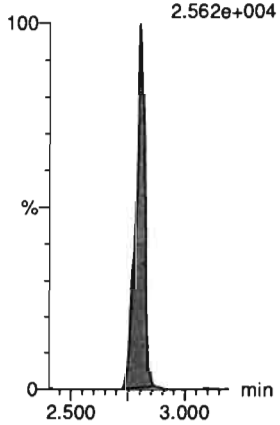
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.739e+004



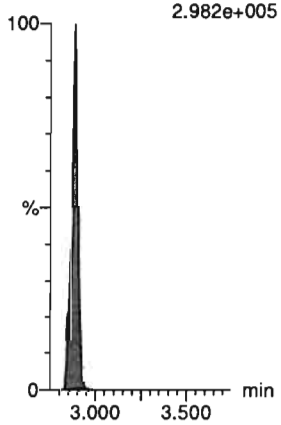
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.132e+004



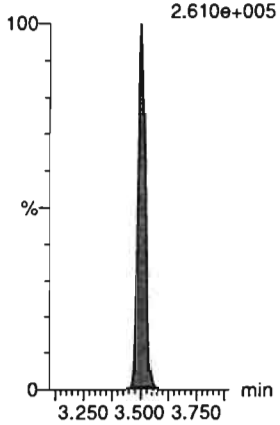
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.562e+004



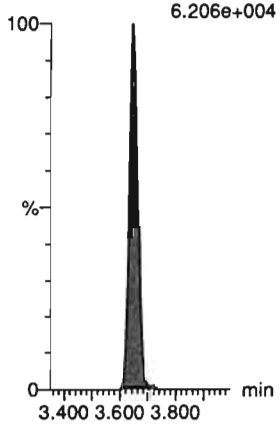
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.982e+005



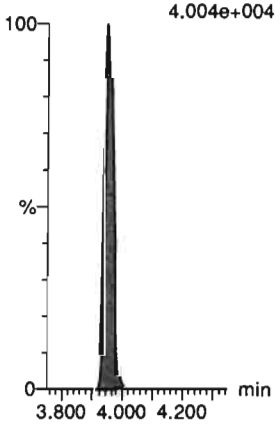
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.610e+005



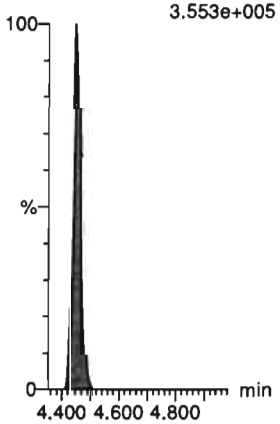
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.206e+004



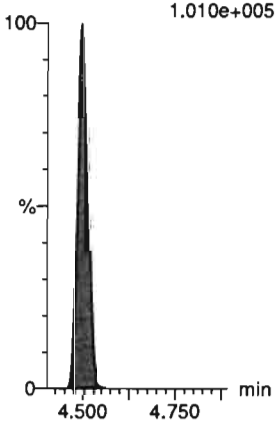
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.004e+004



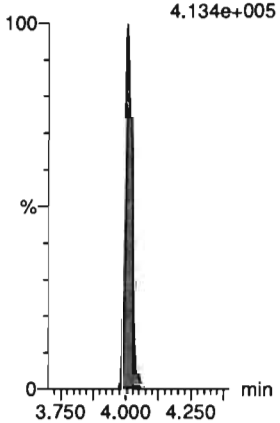
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.553e+005



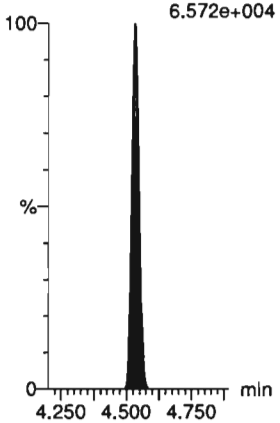
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.010e+005



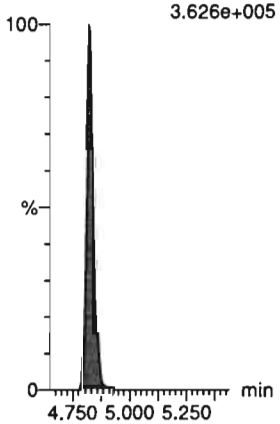
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.134e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.572e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.626e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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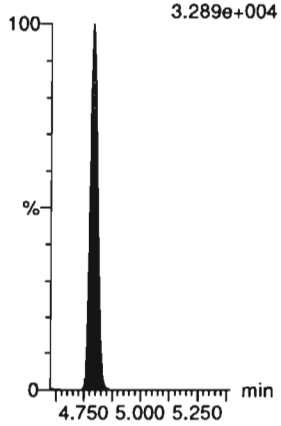
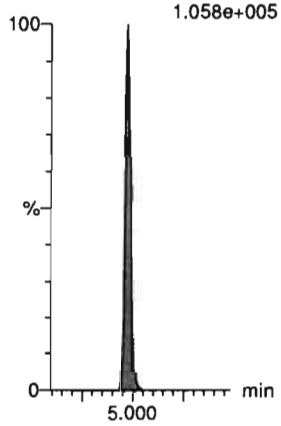
Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

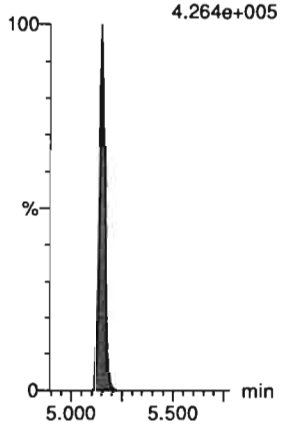
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.289e+004



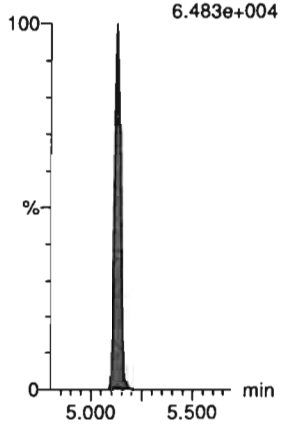
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.058e+005



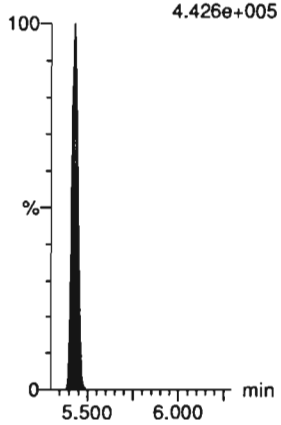
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.264e+005



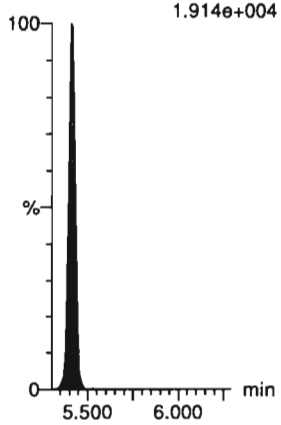
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.483e+004



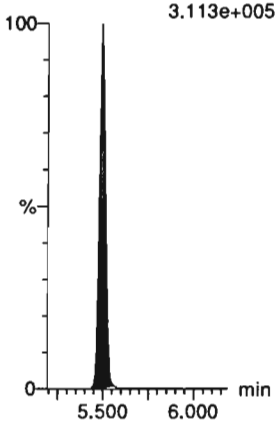
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.426e+005



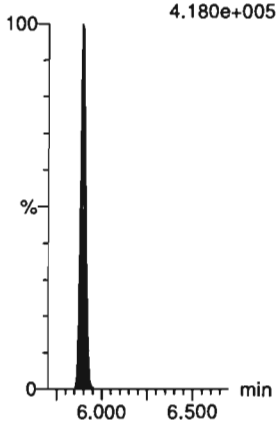
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
1.914e+004



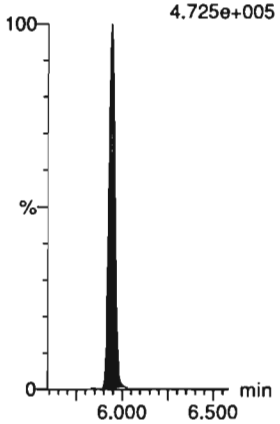
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.113e+005



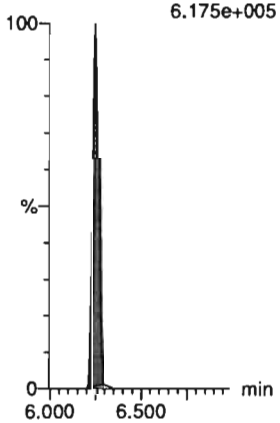
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.180e+005



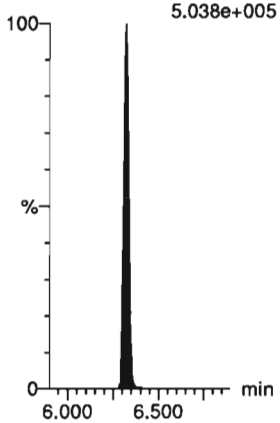
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.725e+005



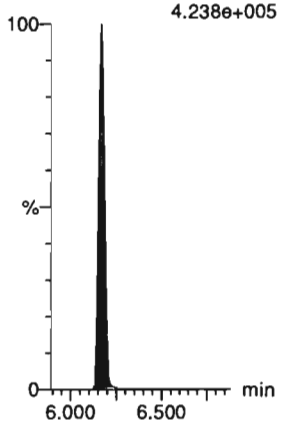
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.175e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.038e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.238e+005

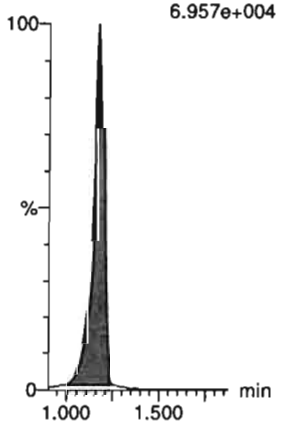


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

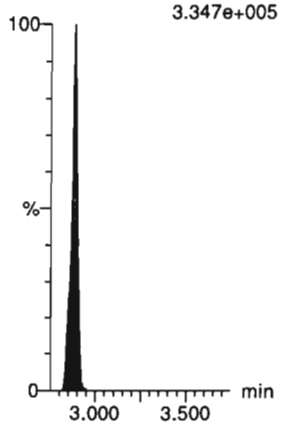
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-12, Date: 09-Jun-2020, Time: 15:09:03, ID: ST200609P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

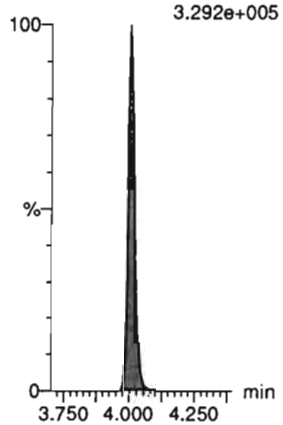
13C4-PFBA



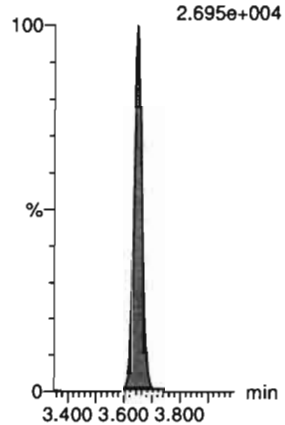
13C5-PFHxA



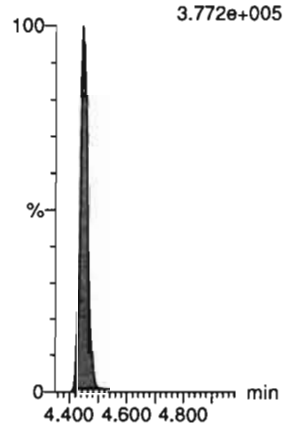
13C8-PFOA



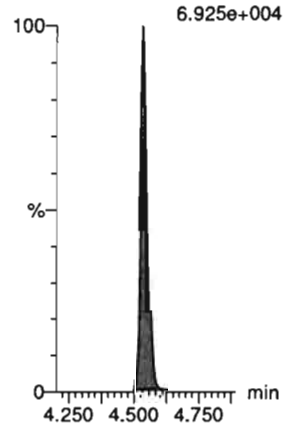
18O2-PFHxS



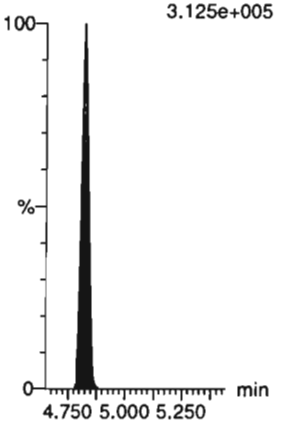
13C9-PFNA



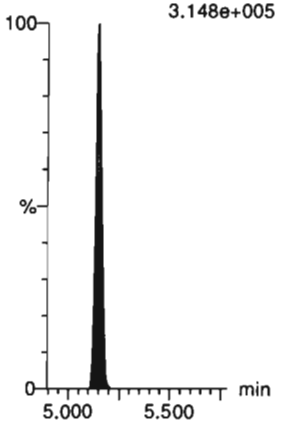
13C4-PFOS



13C6-PFDA



13C7-PFUdA

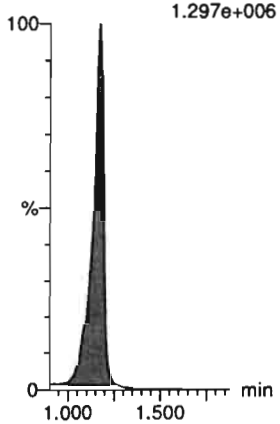


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

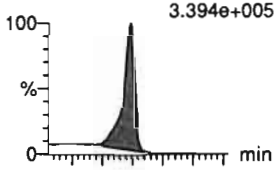
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

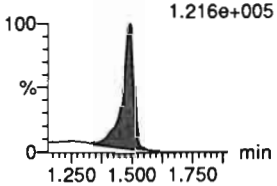
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
1.297e+006



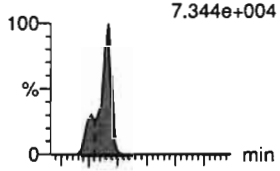
PFPrS
F6:MRM of 2 channels,ES-
249 > 80
3.394e+005



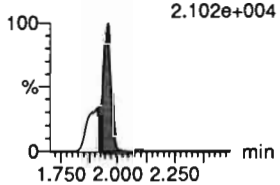
F6:MRM of 2 channels,ES-
249 > 98.9
1.216e+005



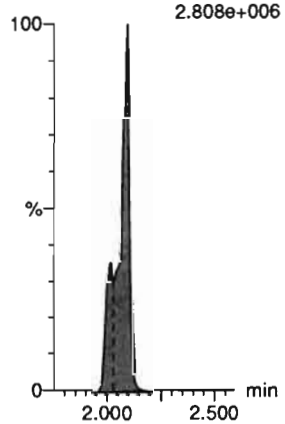
3:3 FTCA
F5:MRM of 2 channels,ES-
240.9 > 176.9
7.344e+004



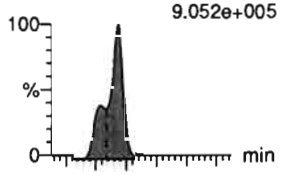
F5:MRM of 2 channels,ES-
240.9 > 116.9
2.102e+004



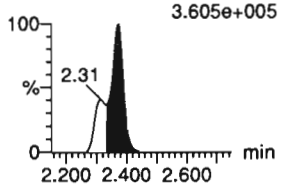
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
2.808e+006



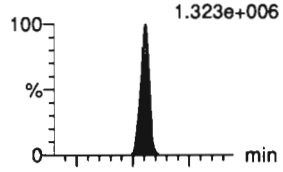
PFBS
F11:MRM of 2 channels,ES-
299.0 > 80
9.052e+005



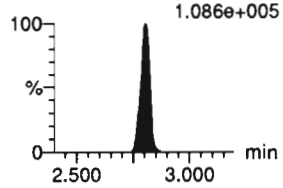
F11:MRM of 2 channels,ES-
299.0 > 98.9
3.605e+005



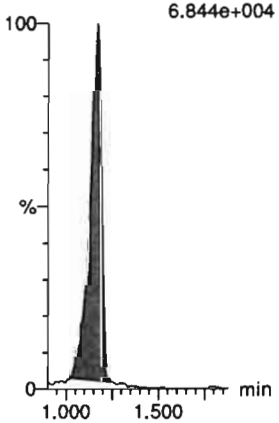
4:2 FTS
F16:MRM of 2 channels,ES-
326.9 > 306.9
1.323e+006



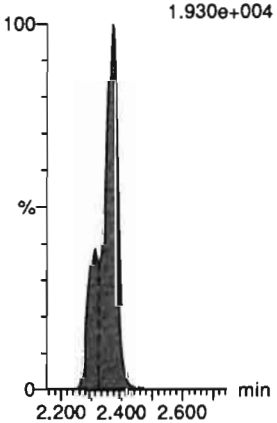
F16:MRM of 2 channels,ES-
326.9 > 80.8
1.086e+005



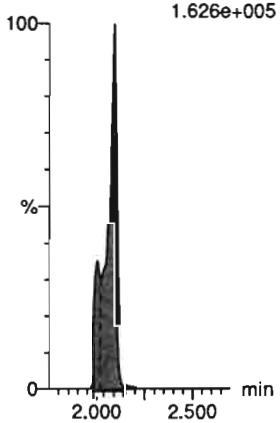
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.844e+004



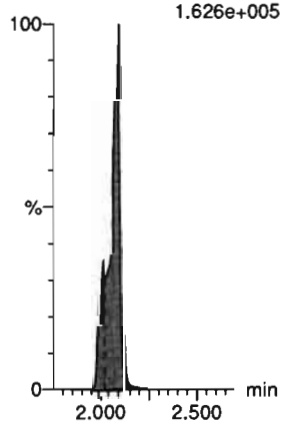
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.930e+004



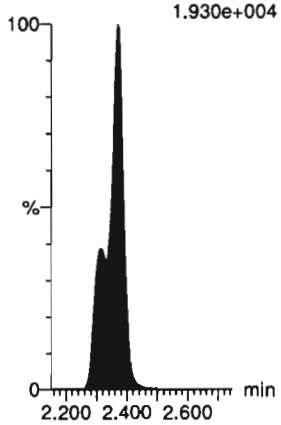
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.626e+005



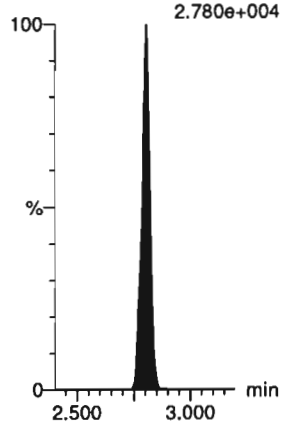
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.626e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.930e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.780e+004



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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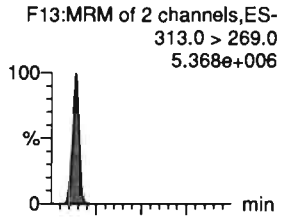
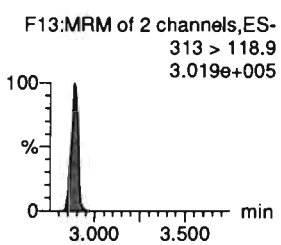
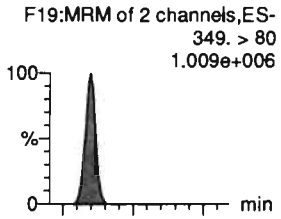
Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

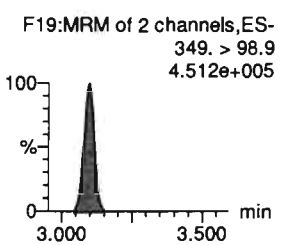
PFHxA



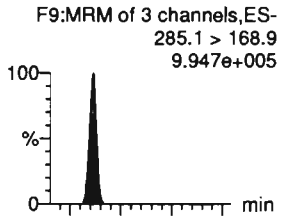


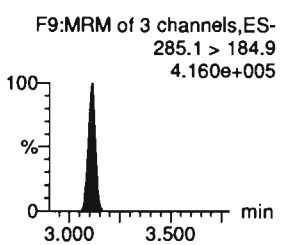
PFPeS



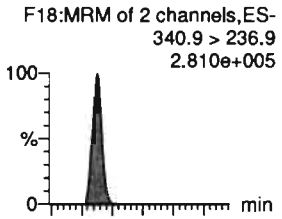


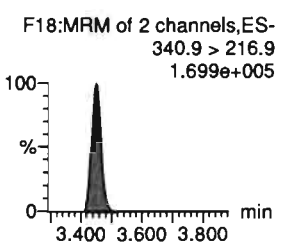
HFPO-DA



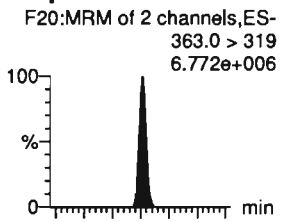


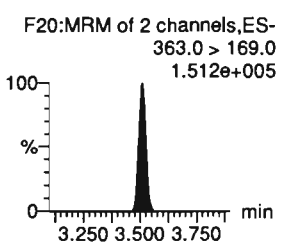
5:3 FTCA



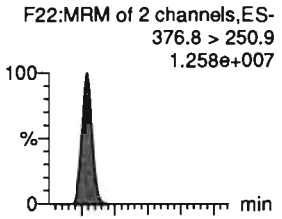


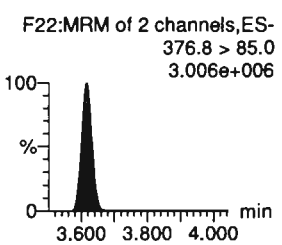
PFHpA



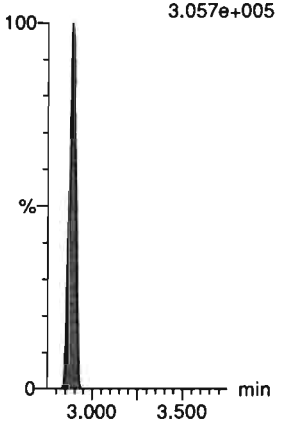


ADONA

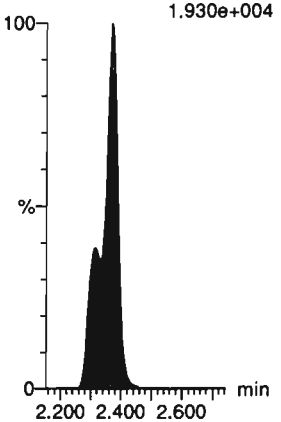




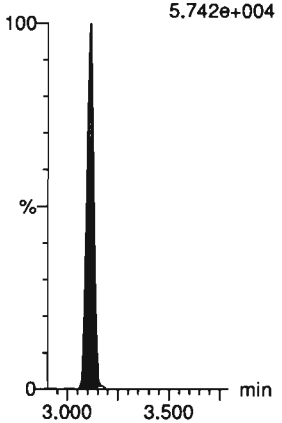
13C2-PFHxA-EIS



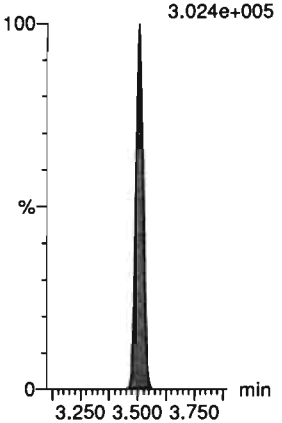
13C3-PFBS-EIS



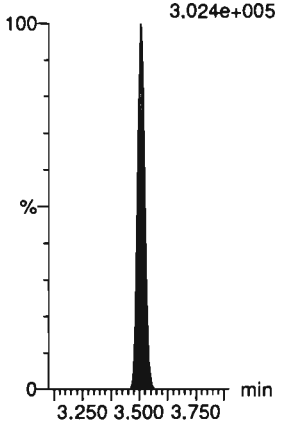
13C3-HFPO-DA-EIS



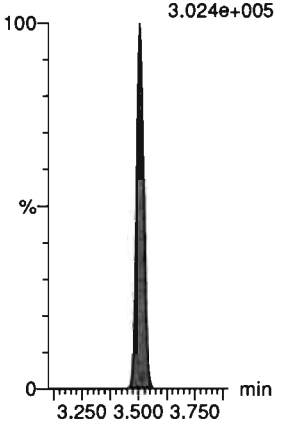
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

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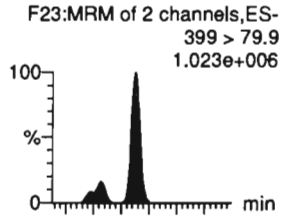
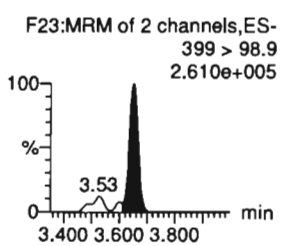
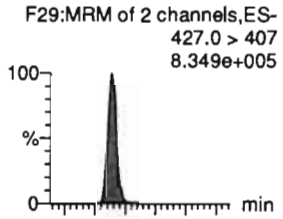
Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

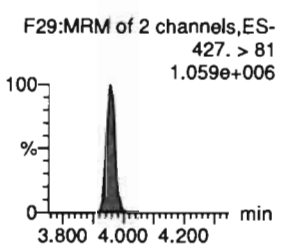
L-PFHxS



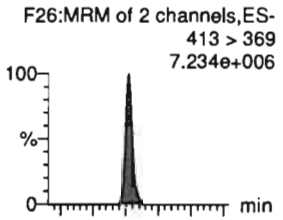


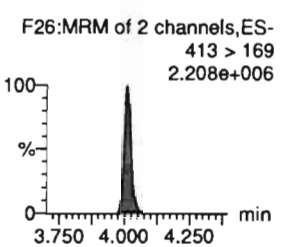
6:2 FTS



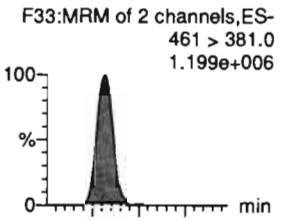


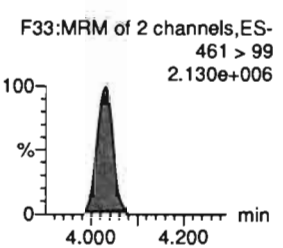
L-PFOA



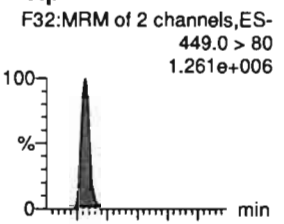


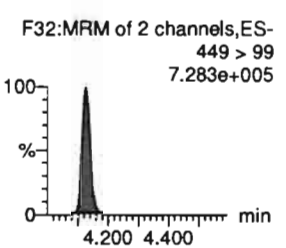
PFEChS



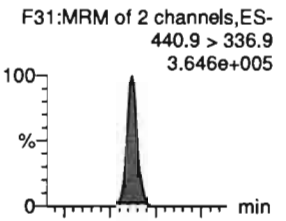


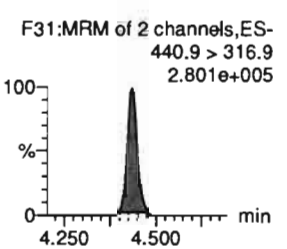
PFHpS



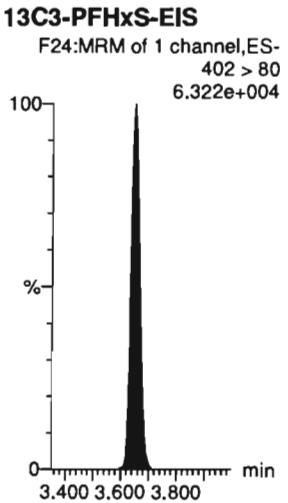


7:3 FTCA

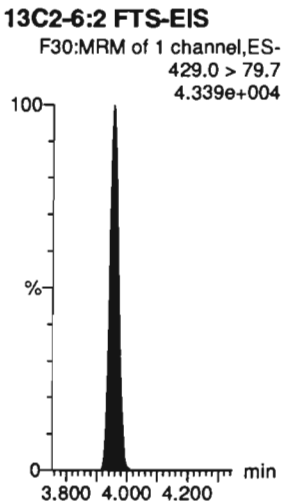




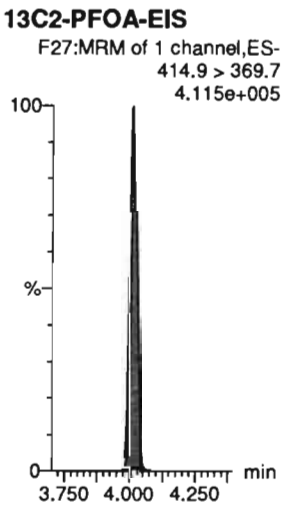
13C3-PFHxS-EIS



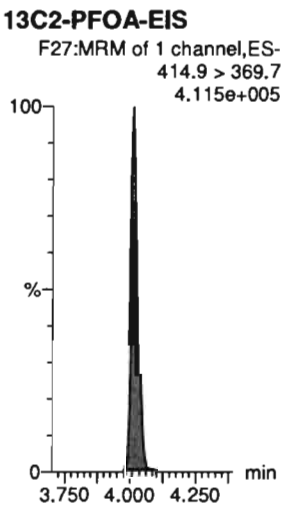
13C2-6:2 FTS-EIS



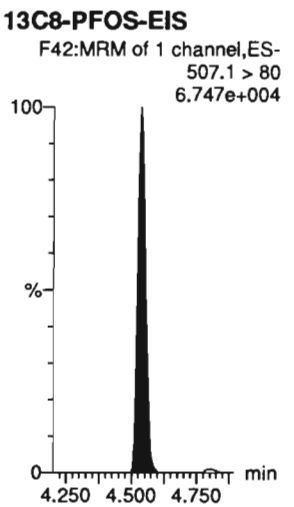
13C2-PFOA-EIS



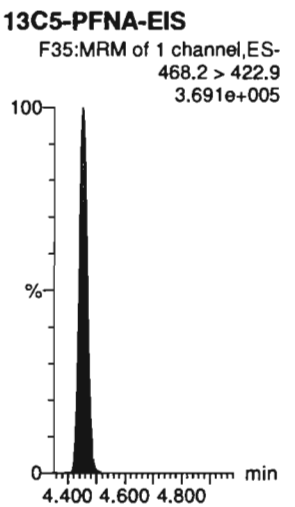
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

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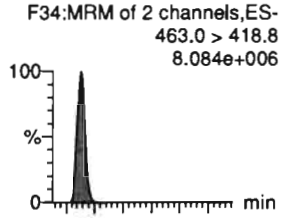
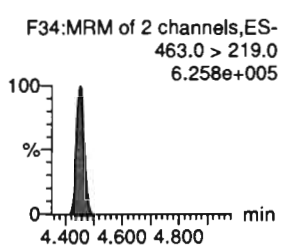
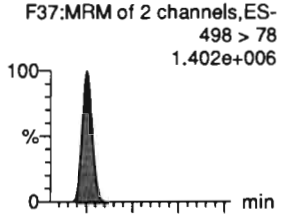
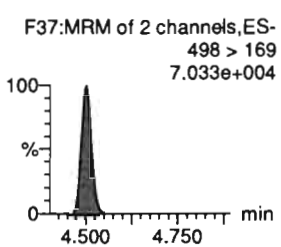


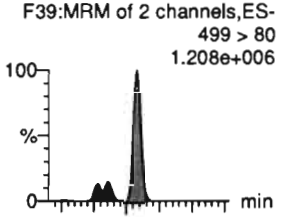


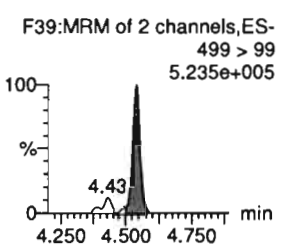
PFOSA



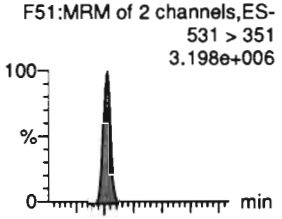


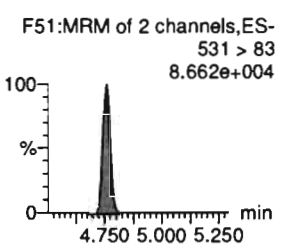
L-PFOS





9Cl-PF30NS





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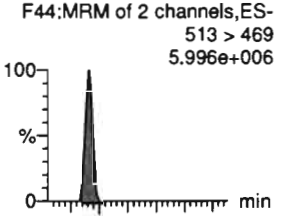
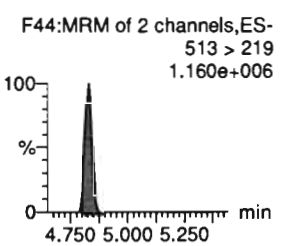
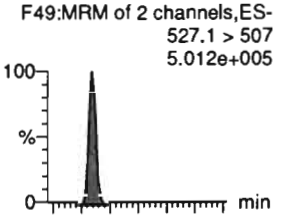
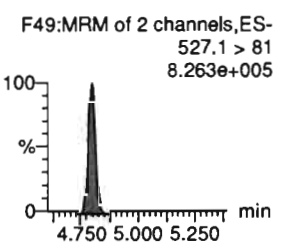


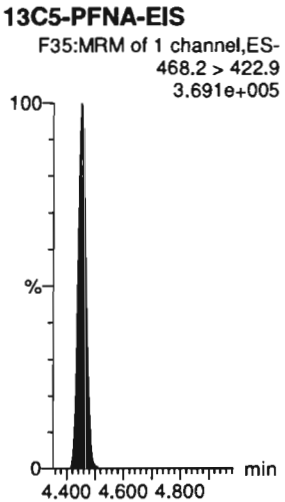


8:2 FTS

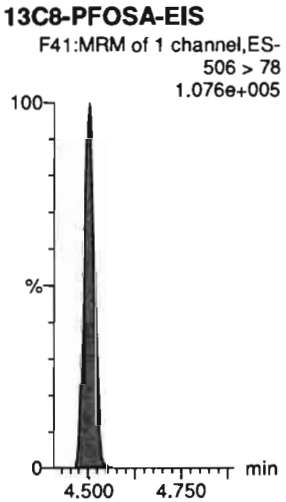




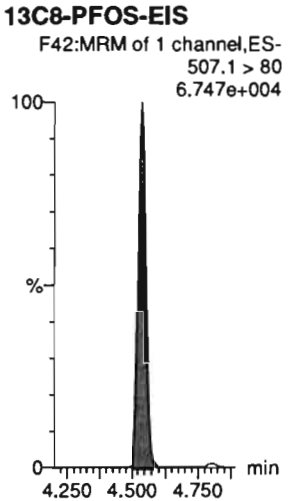
13C5-PFNA-EIS



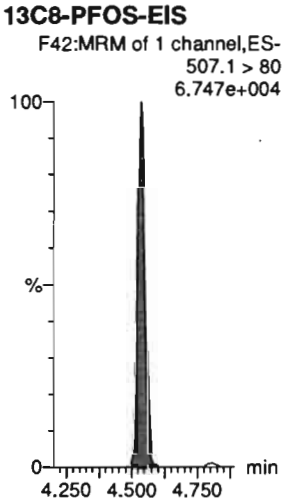
13C8-PFOSA-EIS



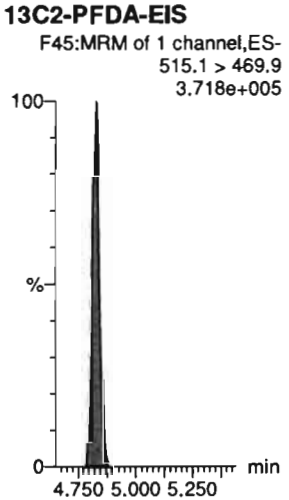
13C8-PFOS-EIS



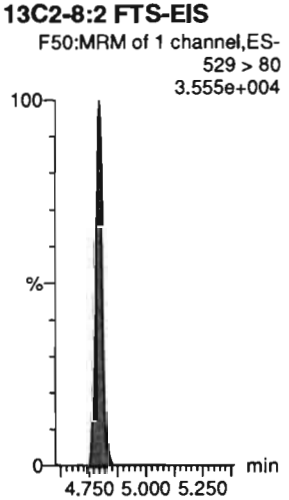
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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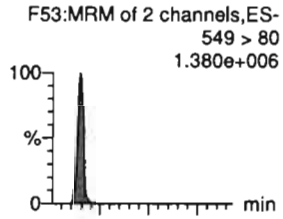
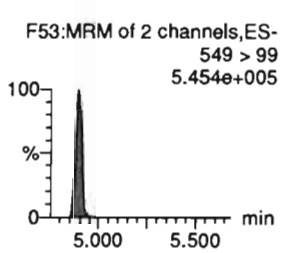
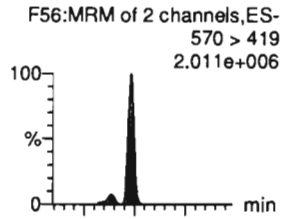
Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

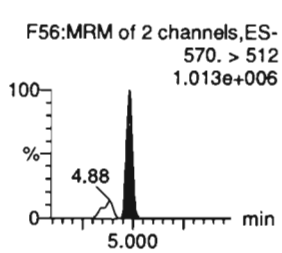
PFNS



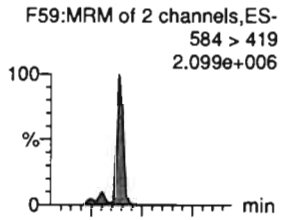


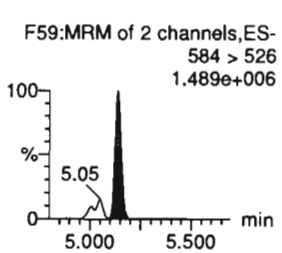
L-MeFOSAA



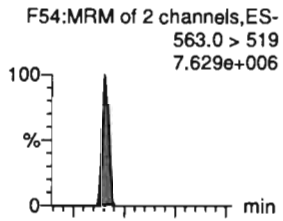


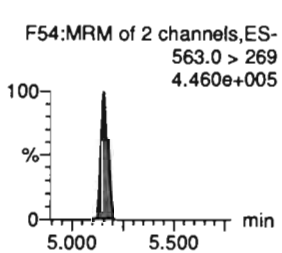
L-EtFOSAA



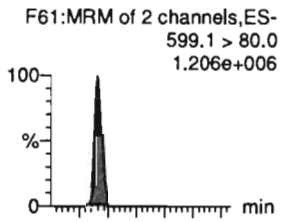


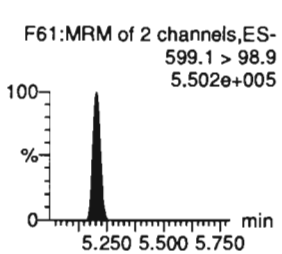
PFUdA



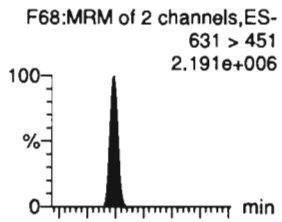


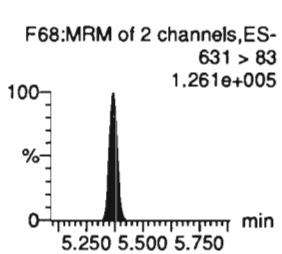
PFDS



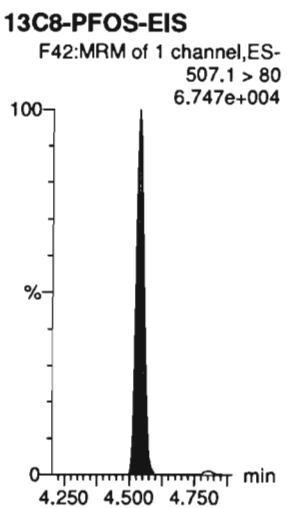


11Cl-PF30UdS

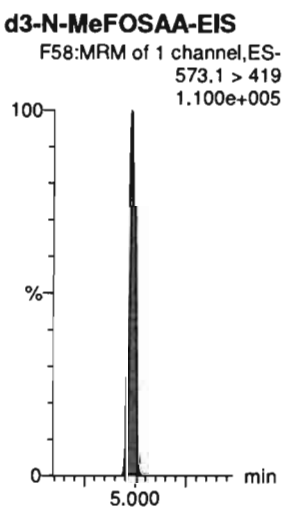




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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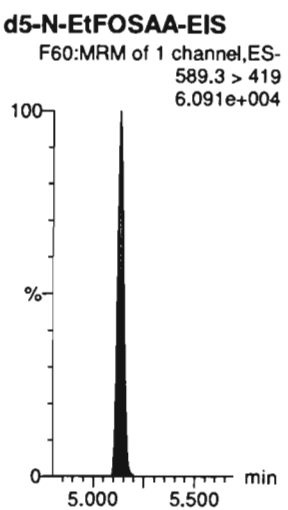
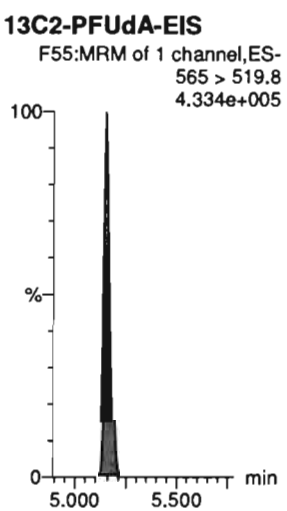


13C2-PFUdA-EIS



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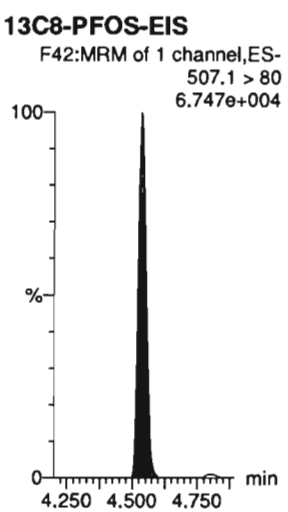

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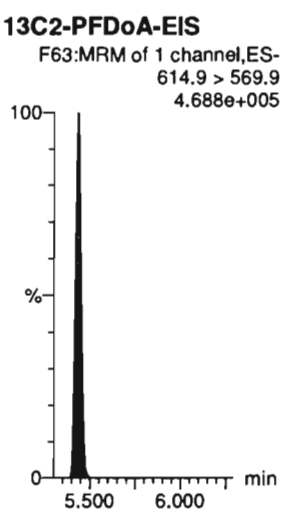

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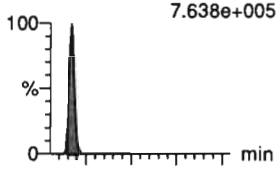
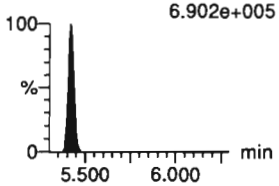
Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

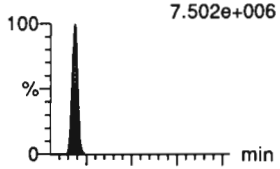
10:2 FTS
F66:MRM of 2 channels,ES-
626.9 > 607
7.638e+005



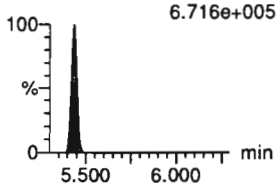
F66:MRM of 2 channels,ES-
626.9 > 80.7
6.902e+005



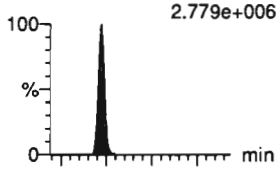
PFDoA
F62:MRM of 2 channels,ES-
612.9 > 569.0
7.502e+006



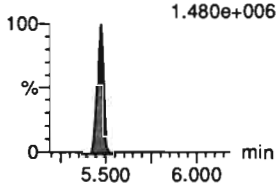
F62:MRM of 2 channels,ES-
612.9 > 318.8
6.716e+005



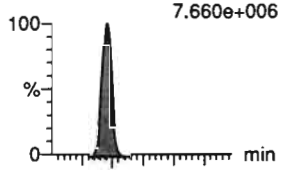
N-MeFOSA
F43:MRM of 2 channels,ES-
512.1 > 168.9
2.779e+006



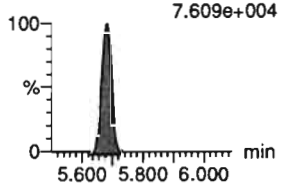
F43:MRM of 2 channels,ES-
512.1 > 219
1.480e+006



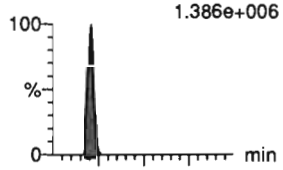
PFTrDA
F71:MRM of 2 channels,ES-
662.9 > 618.9
7.660e+006



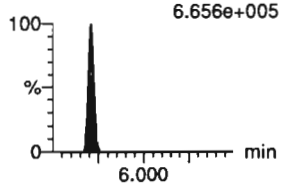
F71:MRM of 2 channels,ES-
662.9 > 319
7.609e+004



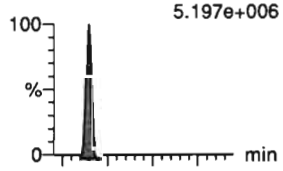
PFDoS
F72:MRM of 2 channels,ES-
699 > 80
1.386e+006



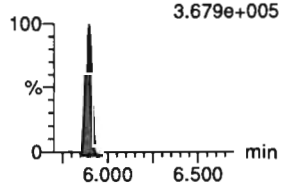
F72:MRM of 2 channels,ES-
699 > 99
6.656e+005



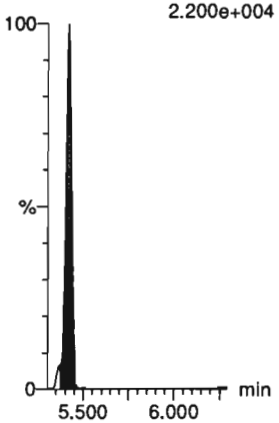
PFTeDA
F73:MRM of 2 channels,ES-
713.0 > 669.0
5.197e+006



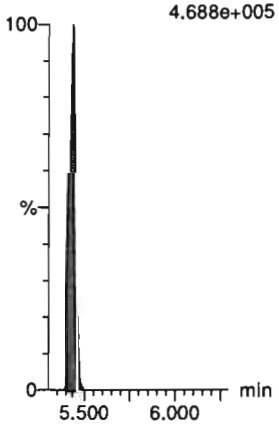
F73:MRM of 2 channels,ES-
713. > 369.0
3.679e+005



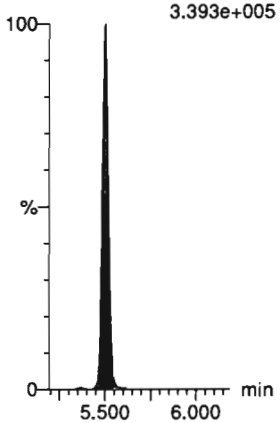
13C2-10:2 FTS-EIS
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.200e+004



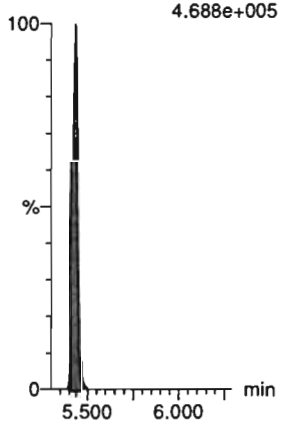
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.688e+005



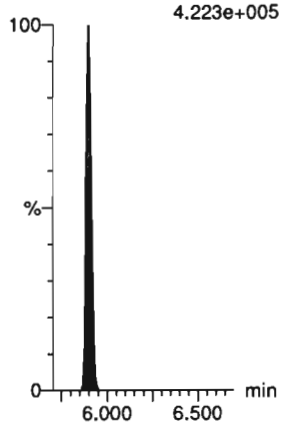
d3-N-MeFOSA-EIS
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.393e+005



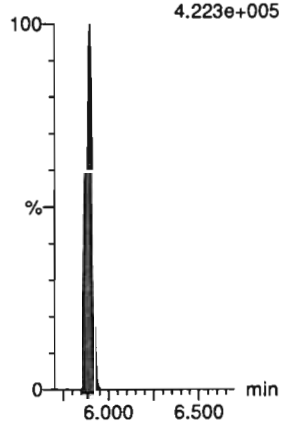
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.688e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.223e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.223e+005

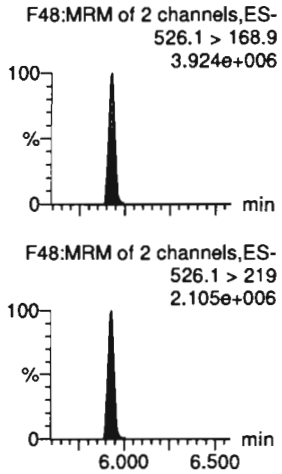


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

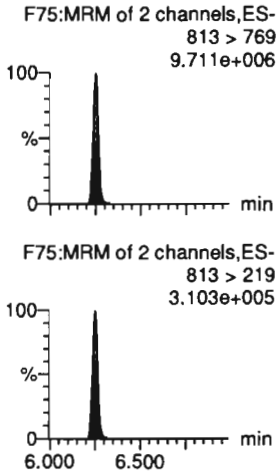
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

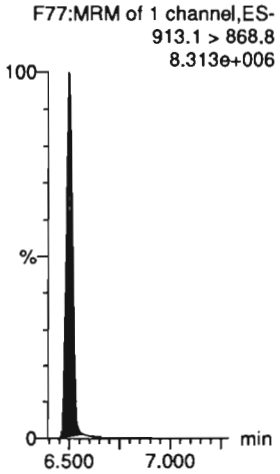
N-EtFOSA



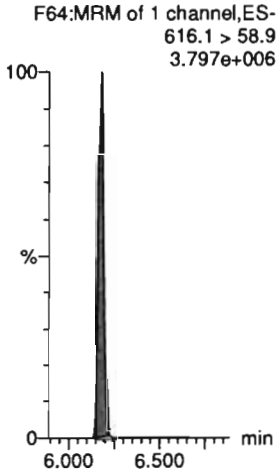
PFHxDA



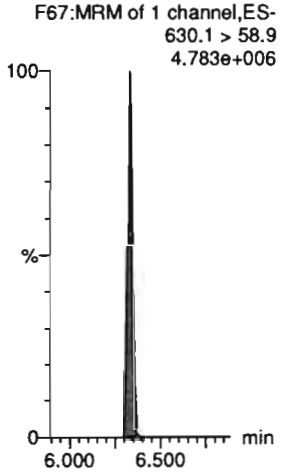
PFODA



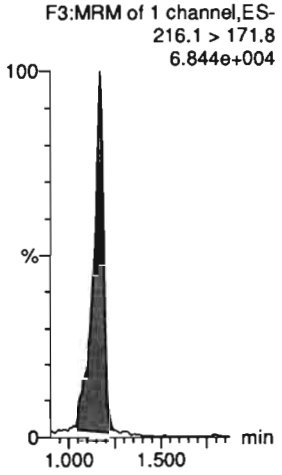
N-MeFOSE



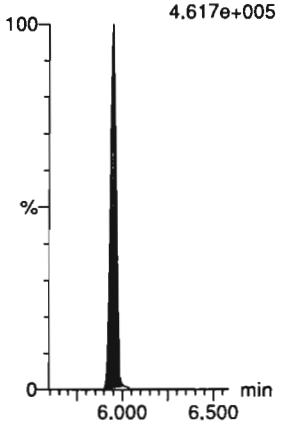
N-EtFOSE



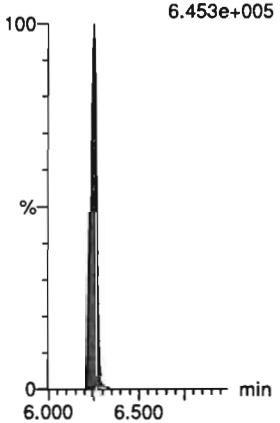
13C3-PFBA-RSD



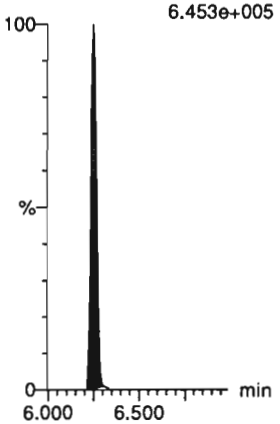
d5-N-ETFOSA-EIS



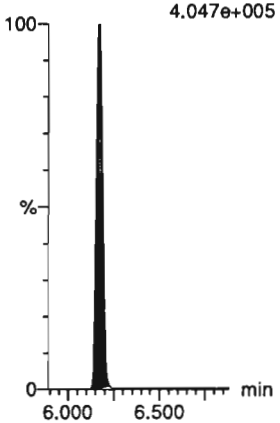
13C2-PFHxDA-EIS



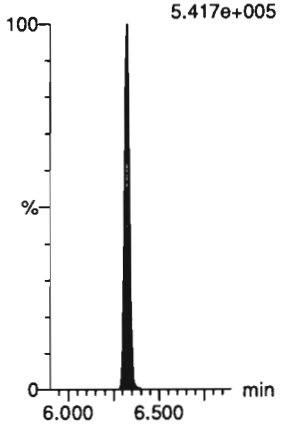
13C2-PFHxDA-EIS



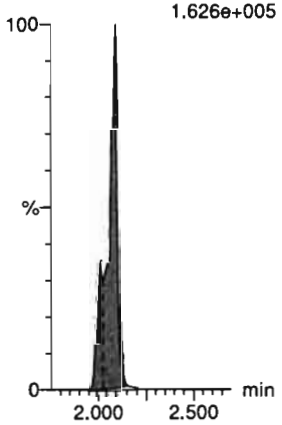
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

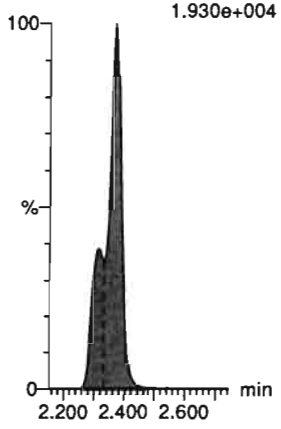


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

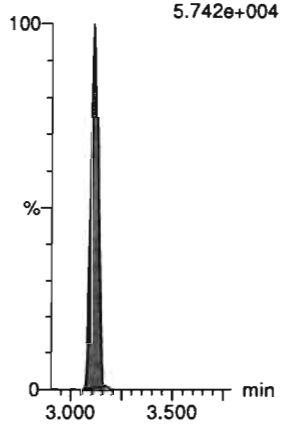
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

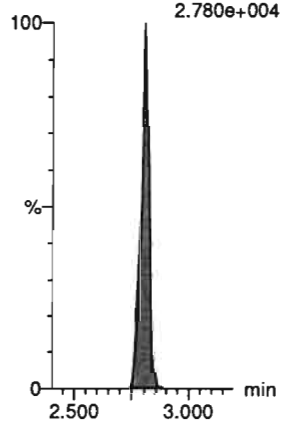
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.930e+004



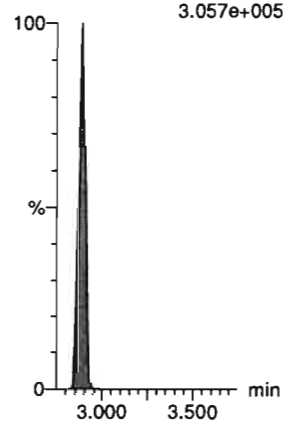
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.742e+004



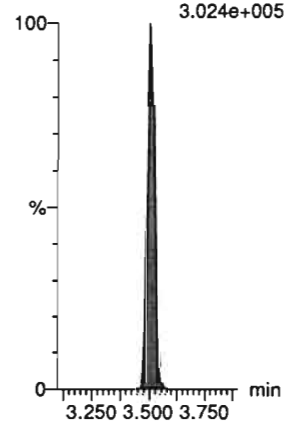
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.780e+004



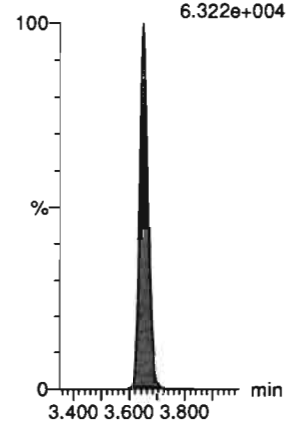
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.057e+005



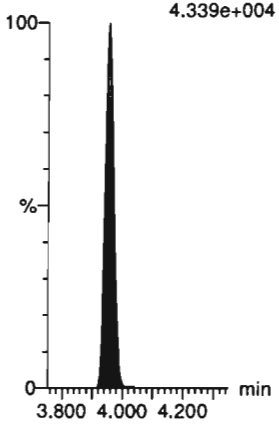
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.024e+005



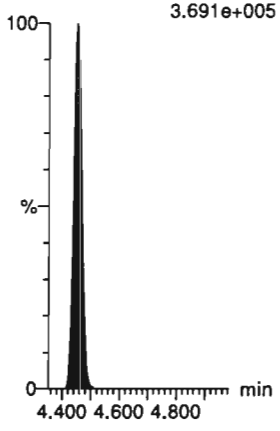
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.322e+004



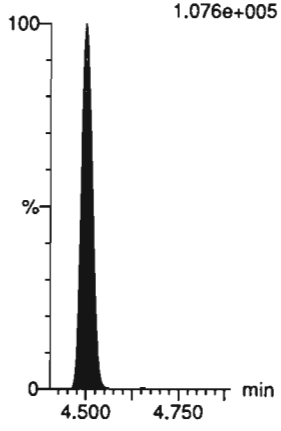
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.339e+004



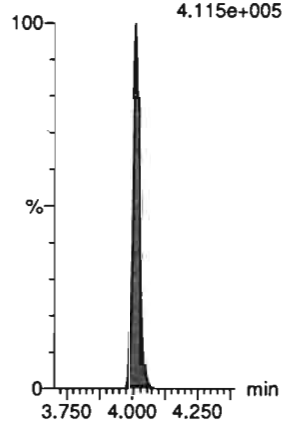
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.691e+005



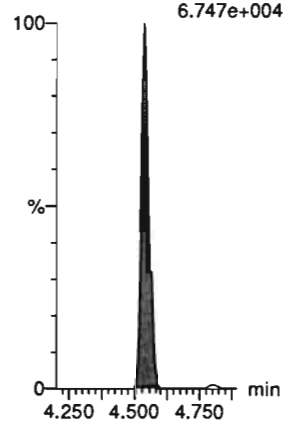
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.076e+005



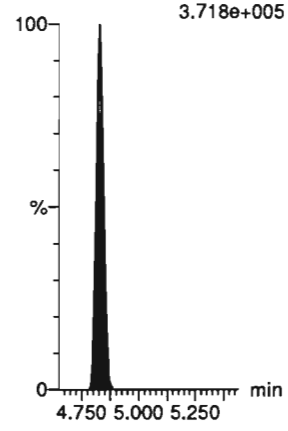
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.115e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.747e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.718e+005

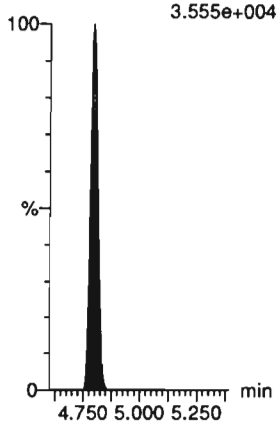


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

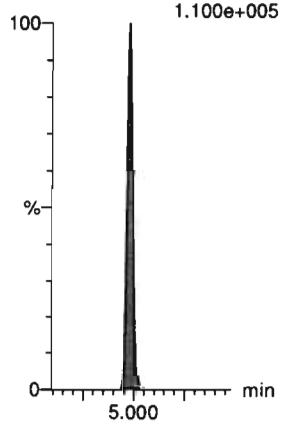
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

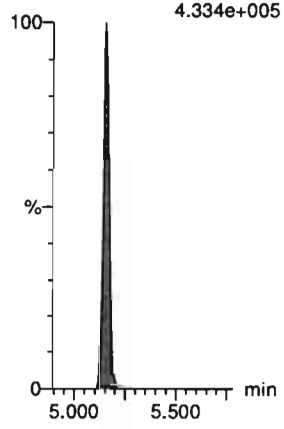
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.555e+004



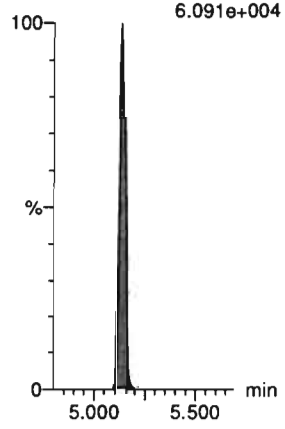
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.100e+005



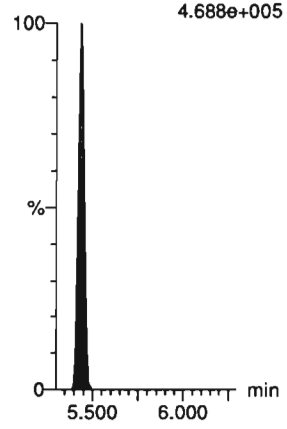
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.334e+005



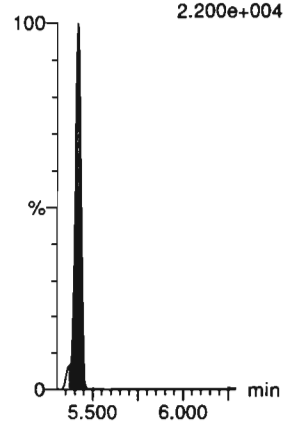
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.091e+004



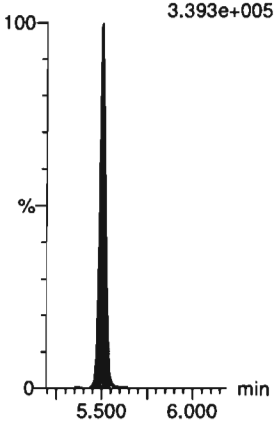
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.688e+005



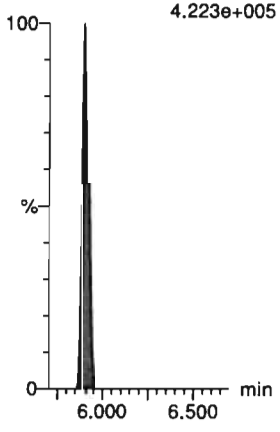
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.200e+004



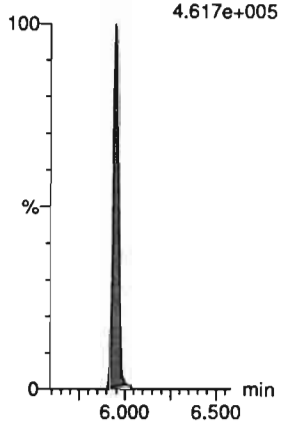
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.393e+005



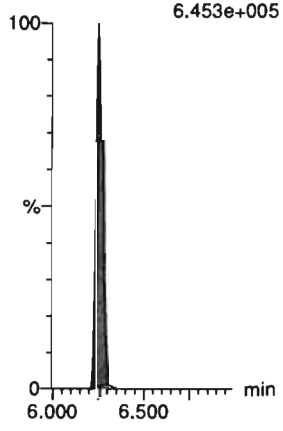
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.223e+005



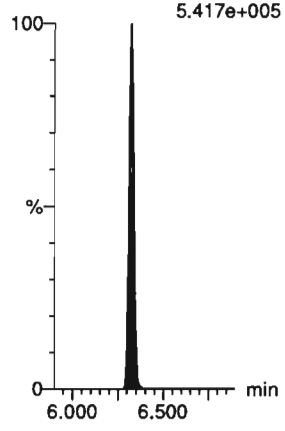
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.617e+005



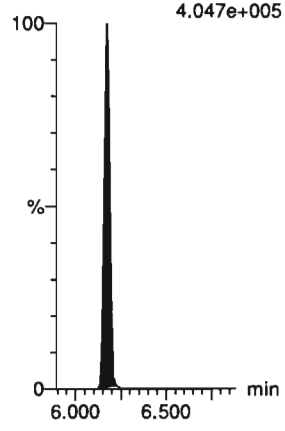
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.453e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.417e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.047e+005

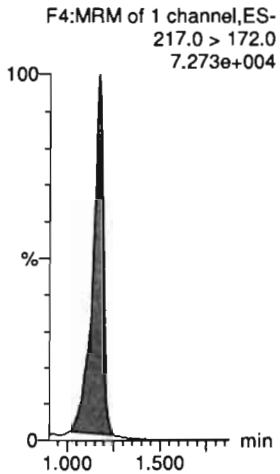


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

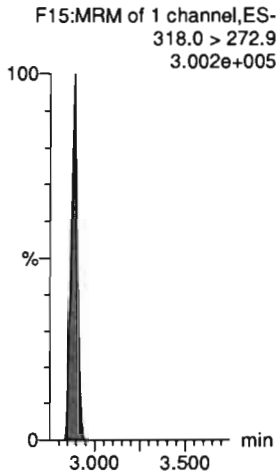
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-13, Date: 09-Jun-2020, Time: 15:19:35, ID: ST200609P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

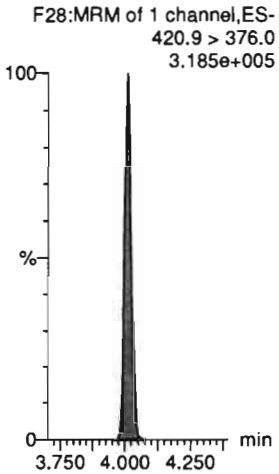
13C4-PFBA



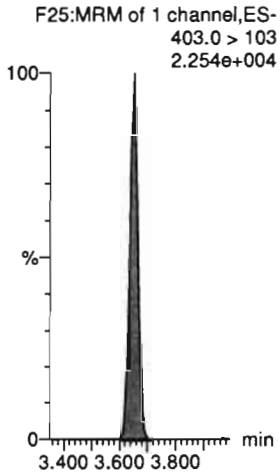
13C5-PFHxA



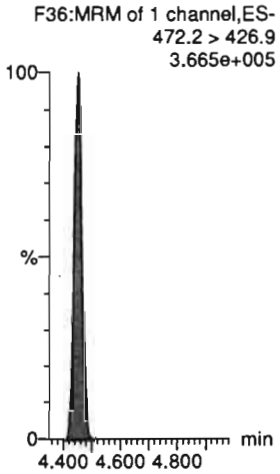
13C8-PFOA



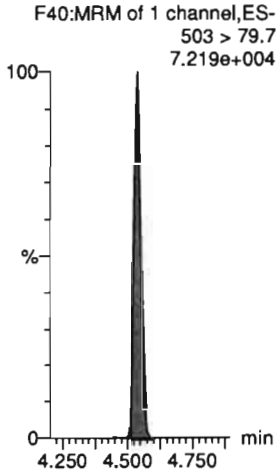
18O2-PFHxS



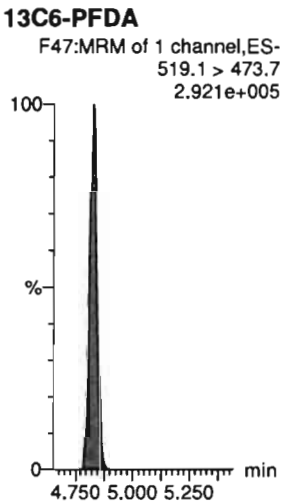
13C9-PFNA



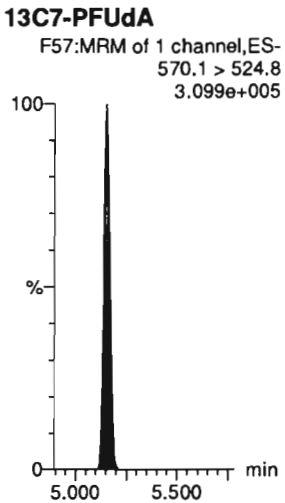
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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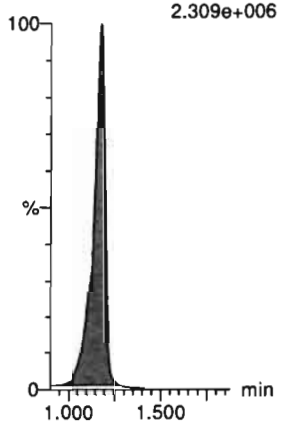
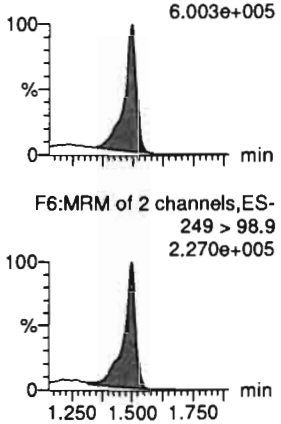
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

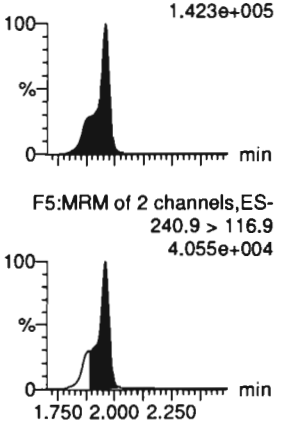
PFBA



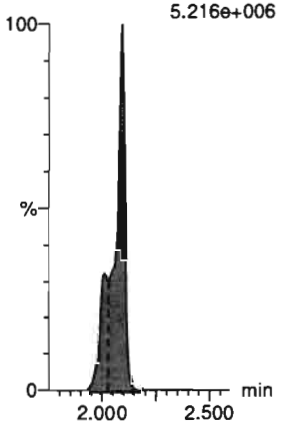
PFPrS



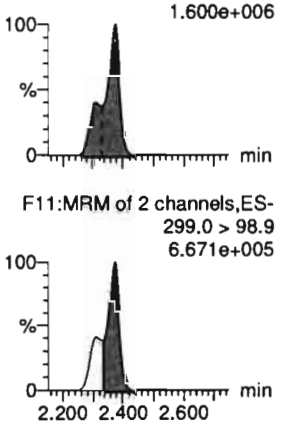
3:3 FTCA



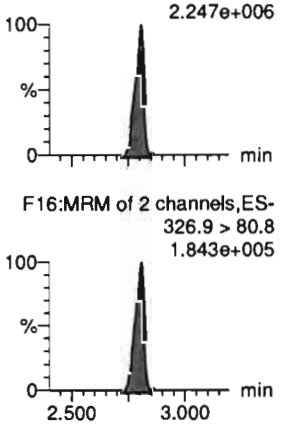
PFPeA



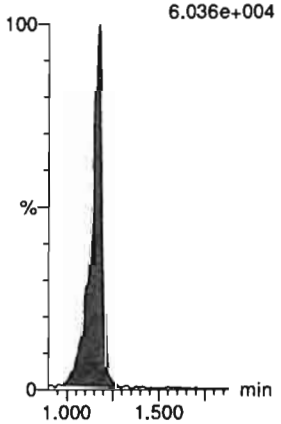
PFBS



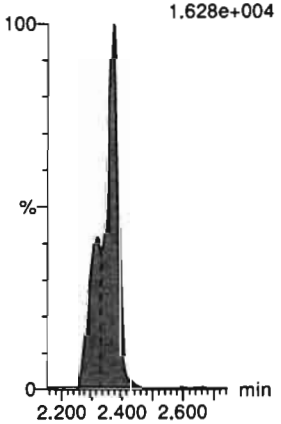
4:2 FTS



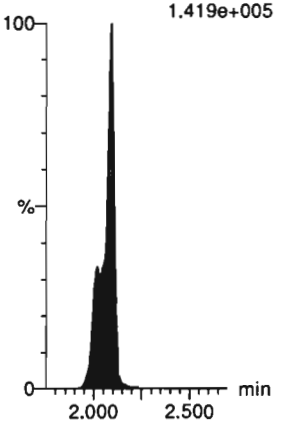
13C3-PFBA-EIS



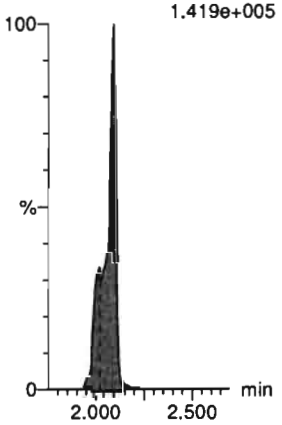
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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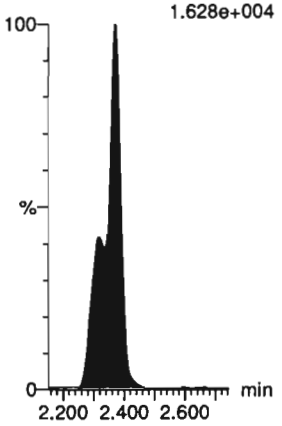
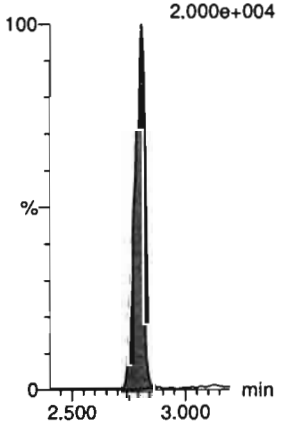


13C2-4:2 FTS-EIS



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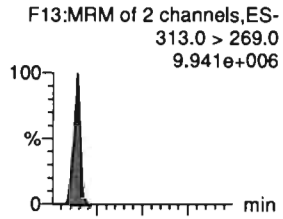
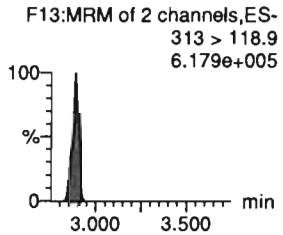
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

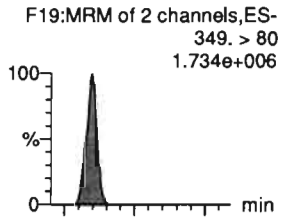
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

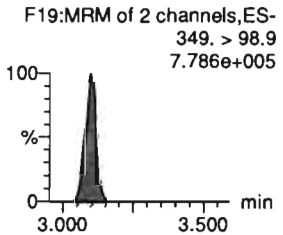
PFHxA



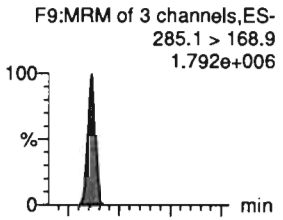


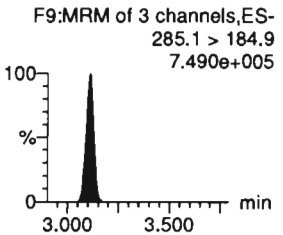
PFPeS



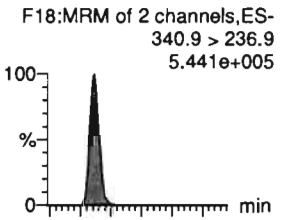


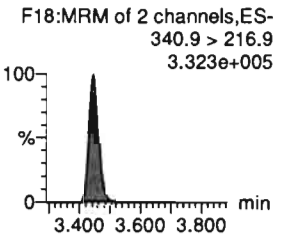
HFPO-DA



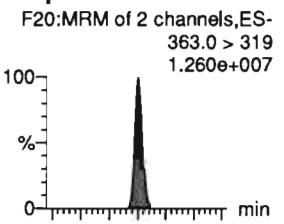


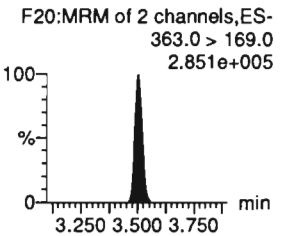
5:3 FTCA



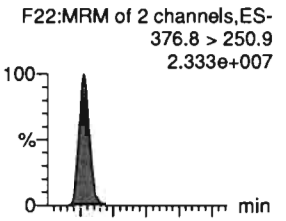


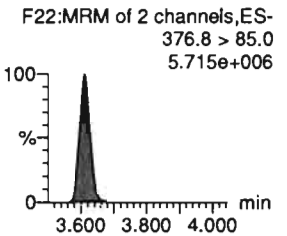
PFHpA



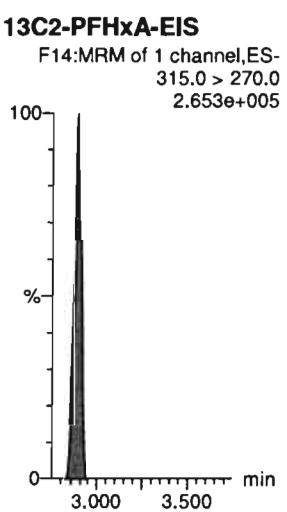


ADONA

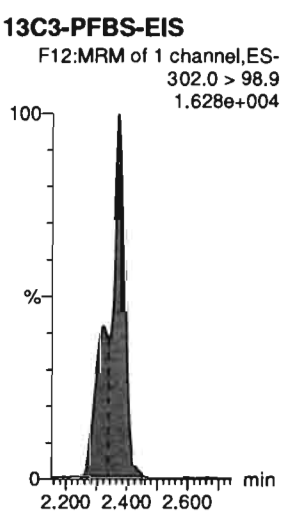




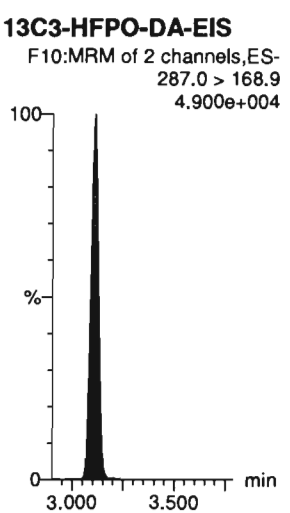
13C2-PFHxA-EIS



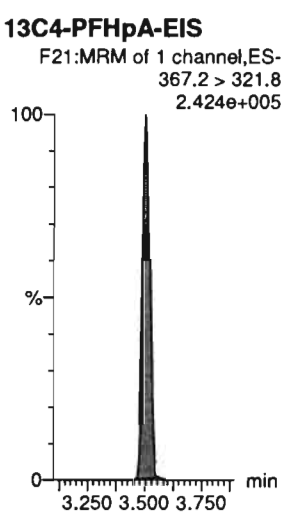
13C3-PFBS-EIS



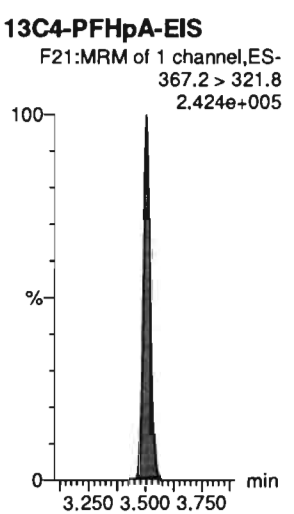
13C3-HFPO-DA-EIS



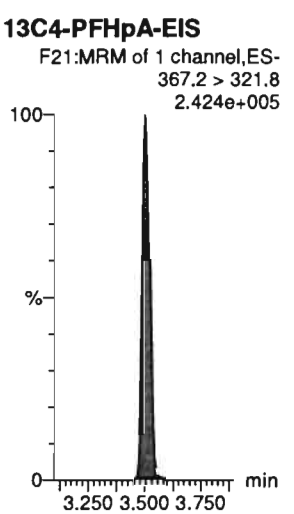
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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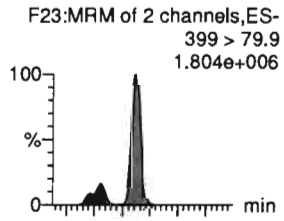
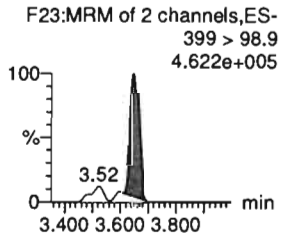
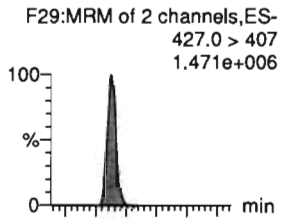
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

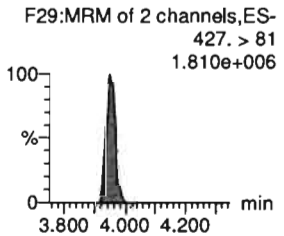
L-PFHxS



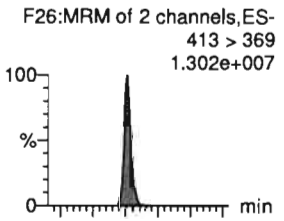


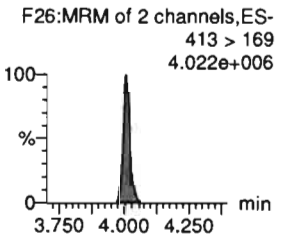
6:2 FTS



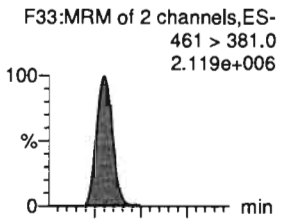


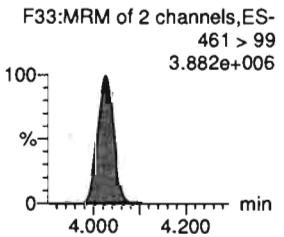
L-PFOA



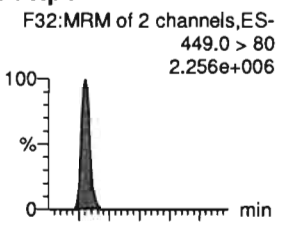


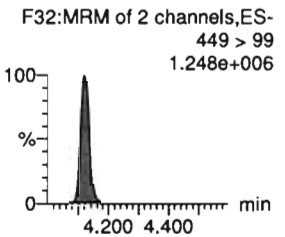
PFEChS



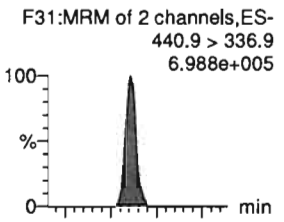


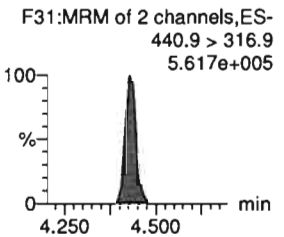
PFHpS



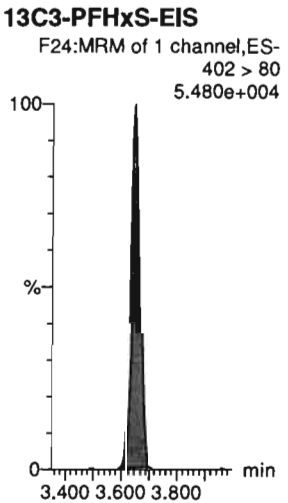


7:3 FTCA

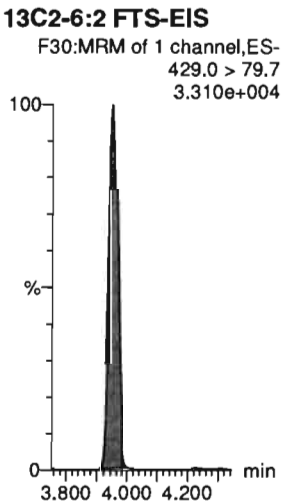




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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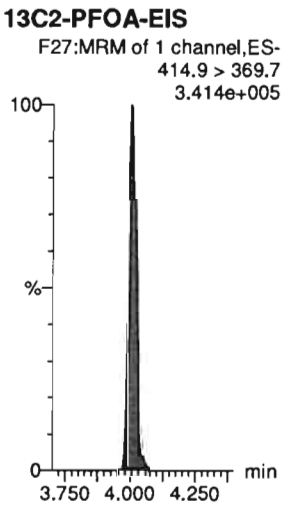

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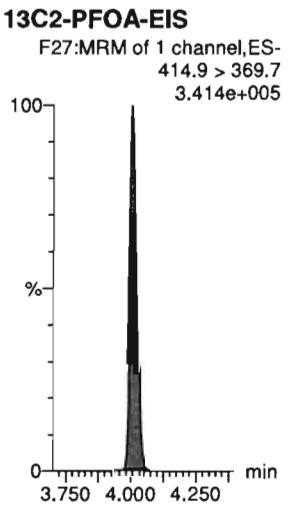
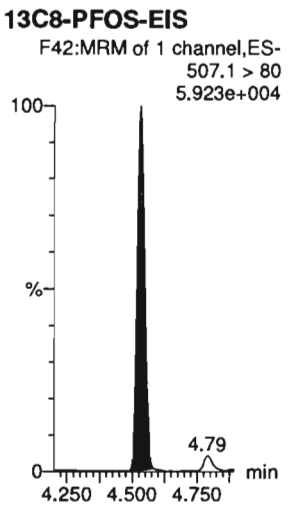
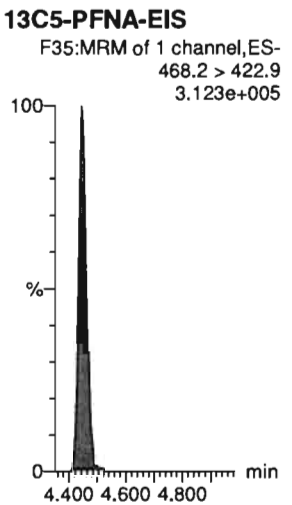


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

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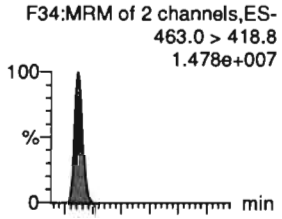

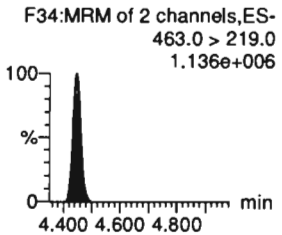

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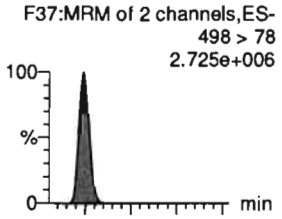
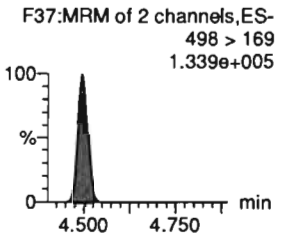
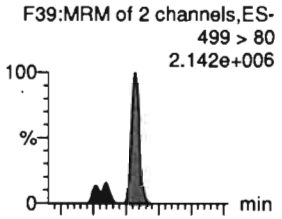
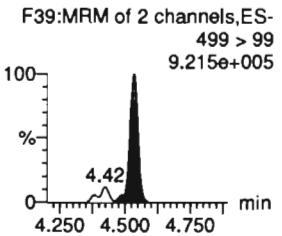


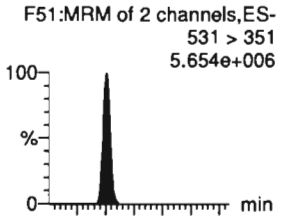


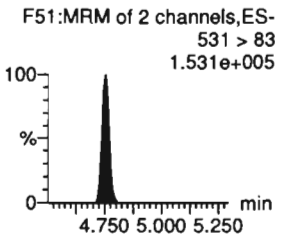
L-PFOS





9Cl-PF30NS





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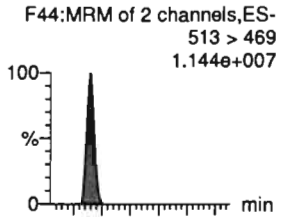
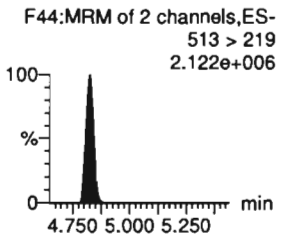
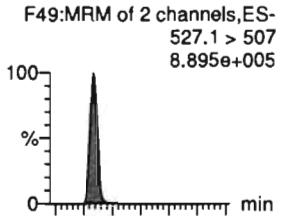
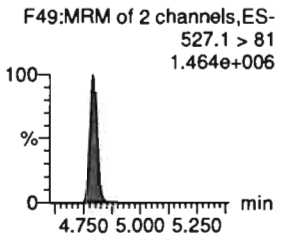


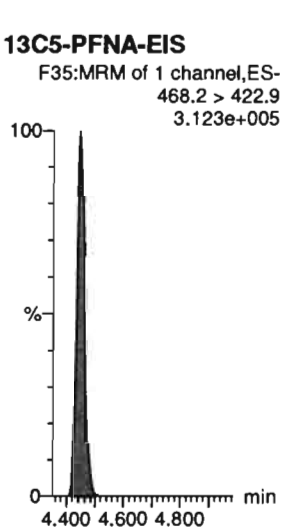


8:2 FTS

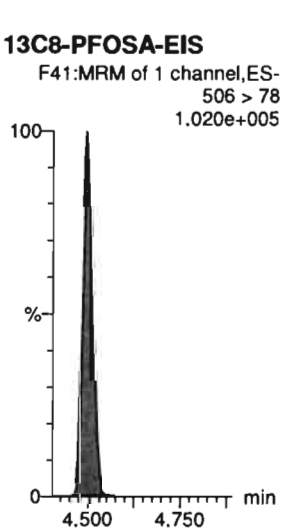




13C5-PFNA-EIS



13C8-PFOSA-EIS



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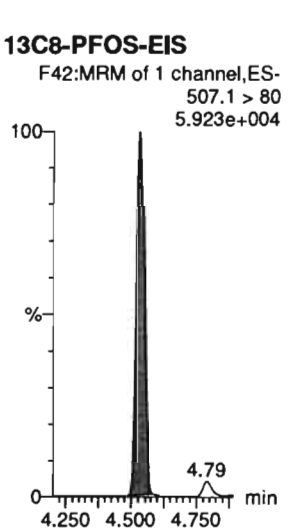
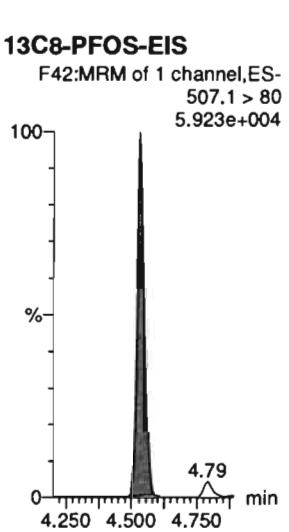
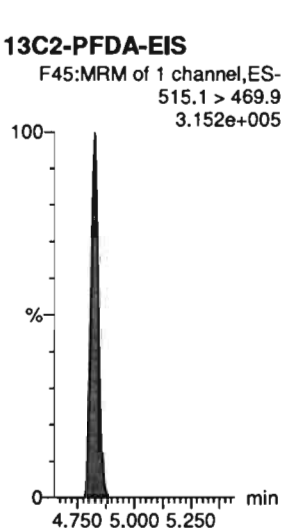


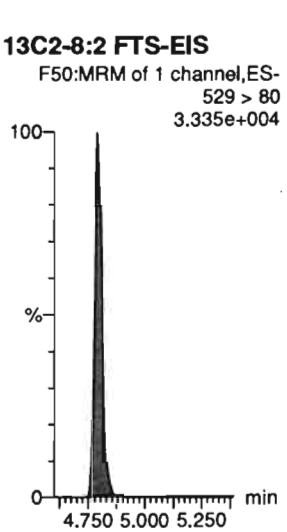
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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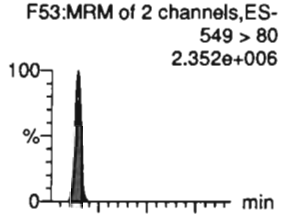
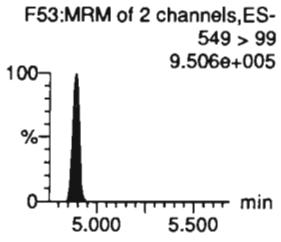
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

PFNS





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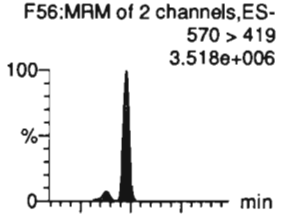

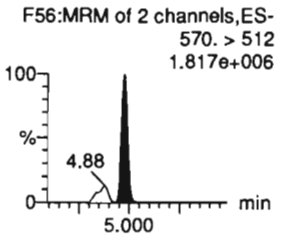

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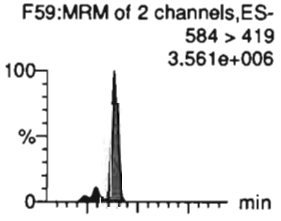
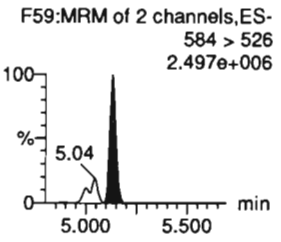
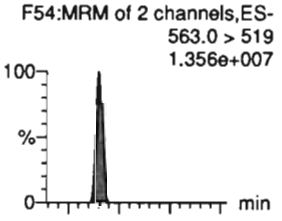
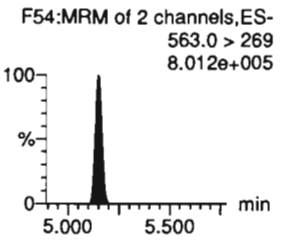




PFUdA





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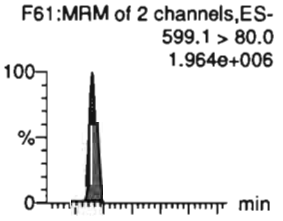
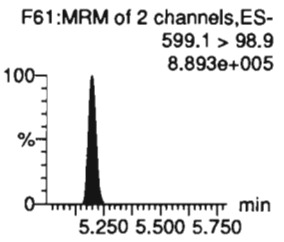
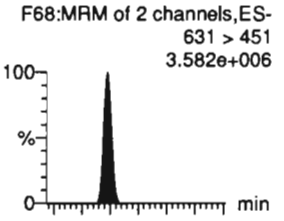
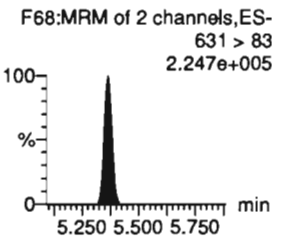


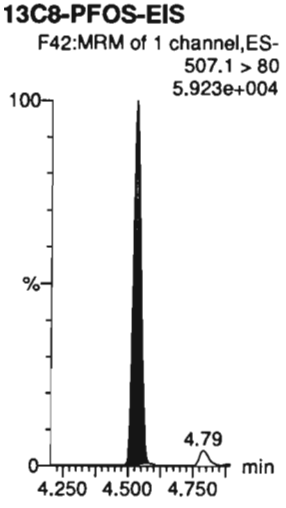


11Cl-PF30UdS





13C8-PFOS-EIS



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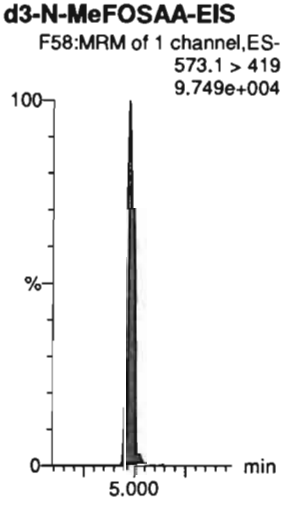

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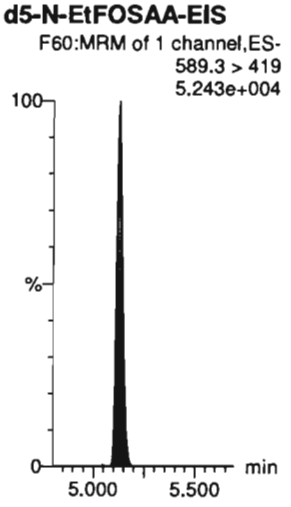

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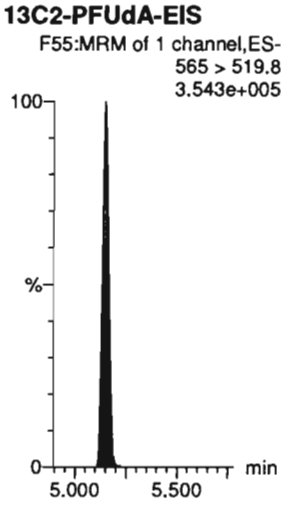
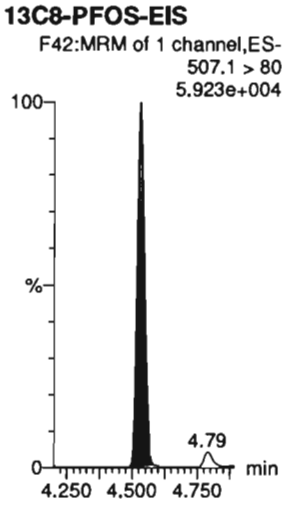


13C8-PFOS-EIS



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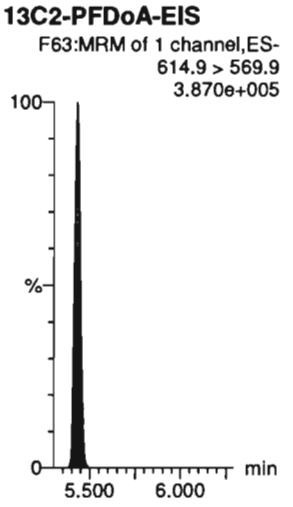

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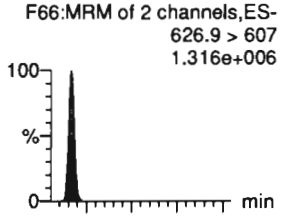
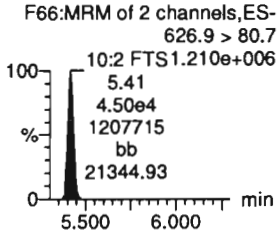
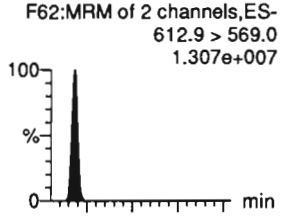
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

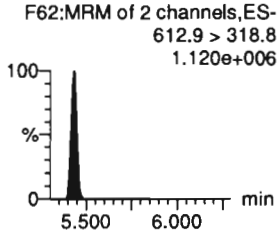
10:2 FTS



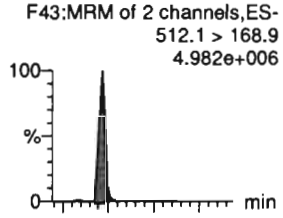


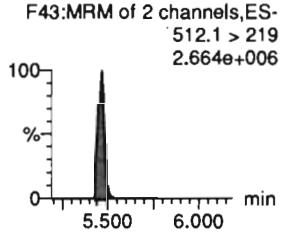
PFDoA





N-MeFOSA





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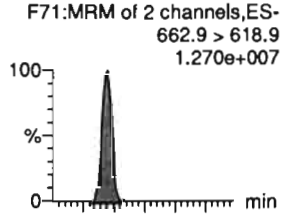
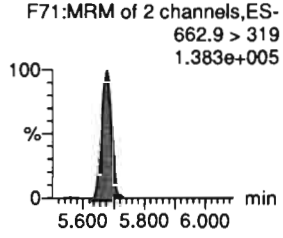
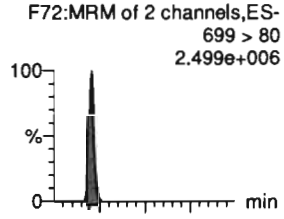
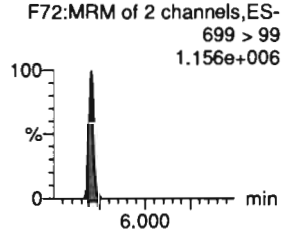


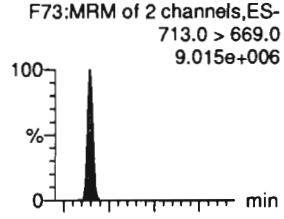


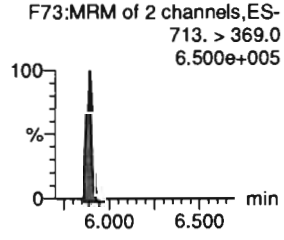
PFDoS



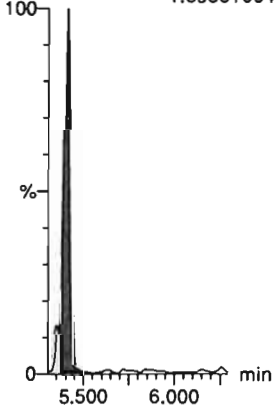


PFTeDA

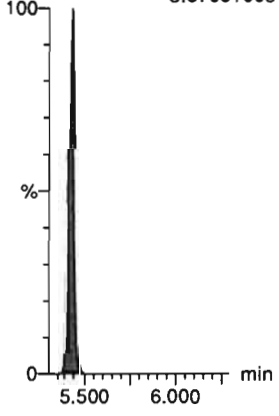




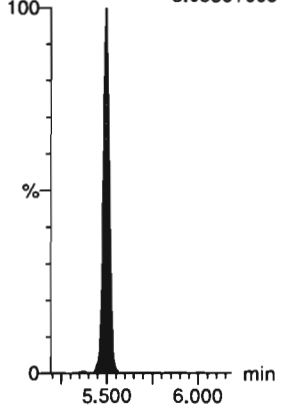
13C2-10:2 FTS-EIS



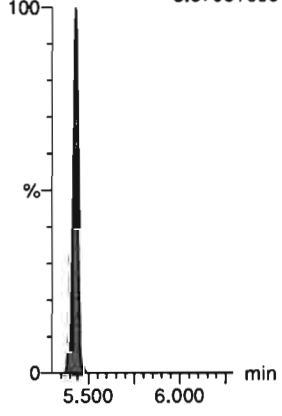
13C2-PFDoA-EIS



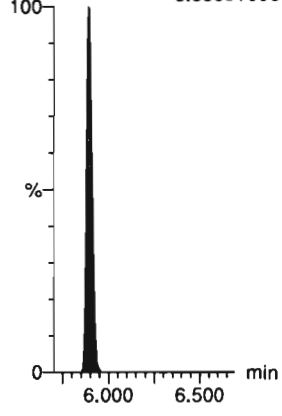
d3-N-MeFOSA-EIS



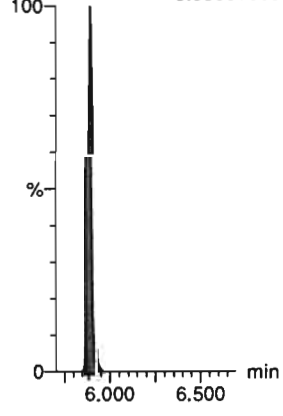
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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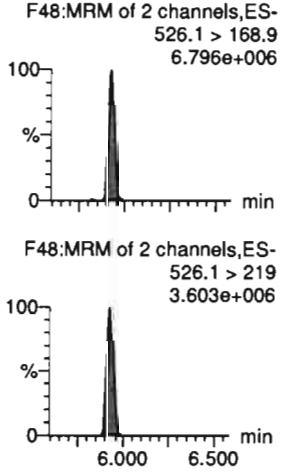
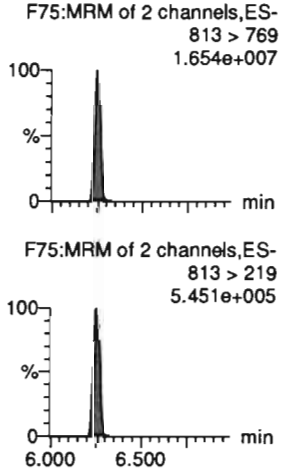
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

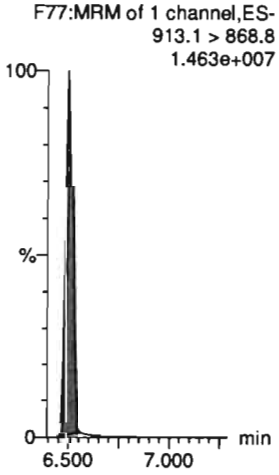
N-EtFOSA



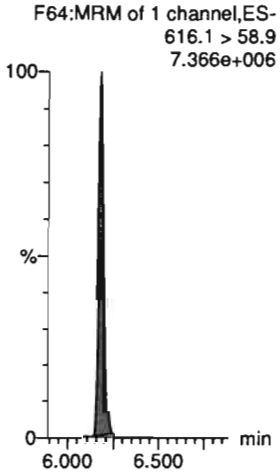
PFHxDA



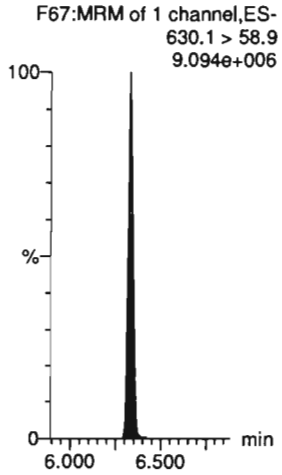
PFODA



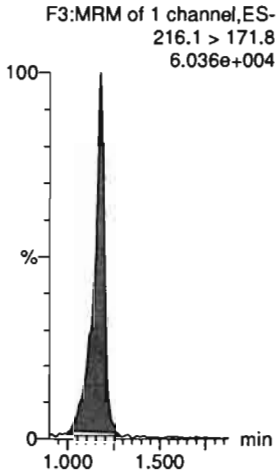
N-MeFOSE



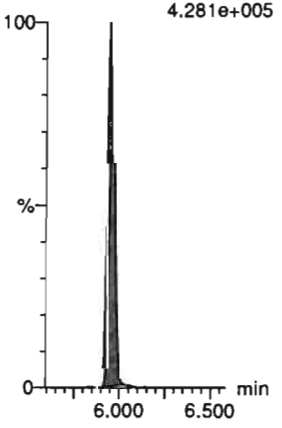
N-EtFOSE



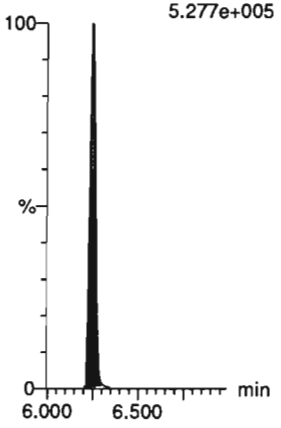
13C3-PFBA-RSD



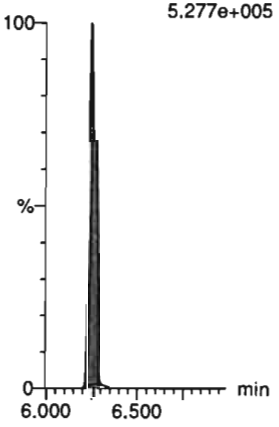
d5-N-ETFOSA-EIS



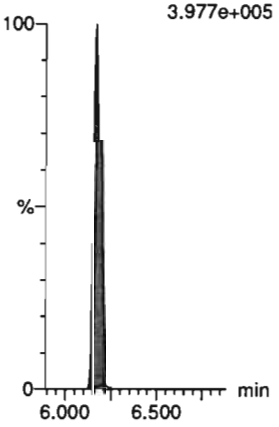
13C2-PFHxDA-EIS



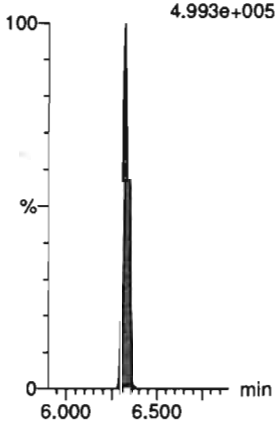
13C2-PFHxDA-EIS



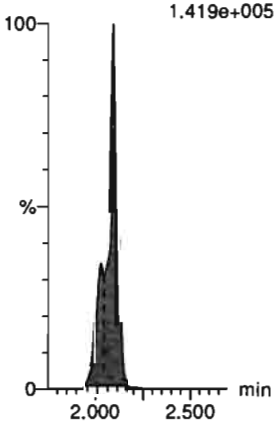
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

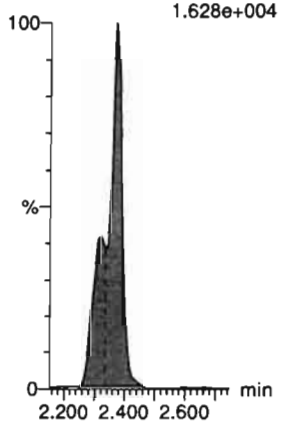


Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

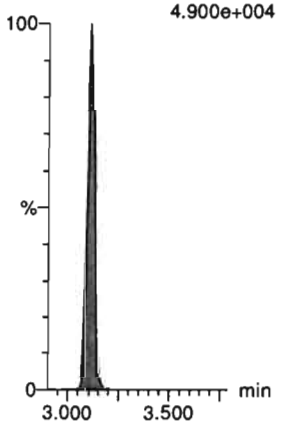
Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 09:21:35 Pacific Daylight Time

Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

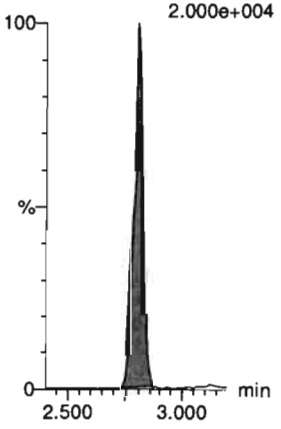
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.628e+004



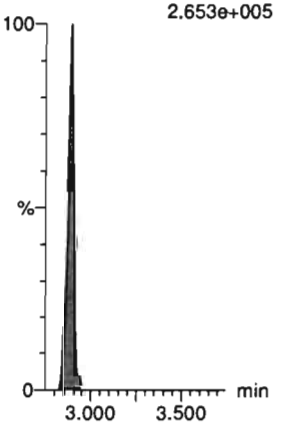
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.900e+004



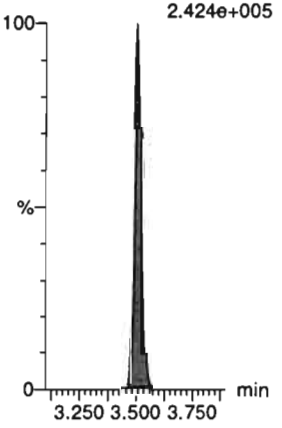
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.000e+004



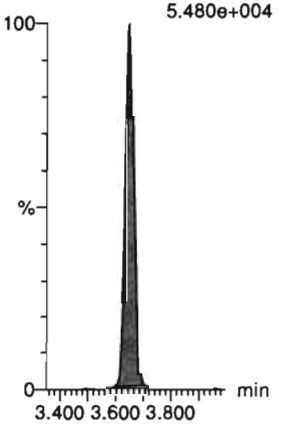
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.653e+005



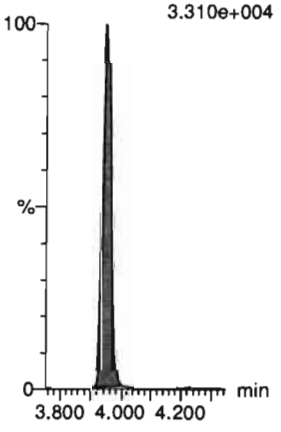
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.424e+005



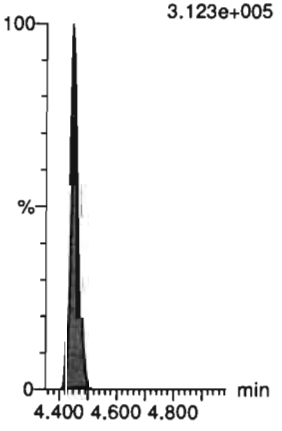
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.480e+004



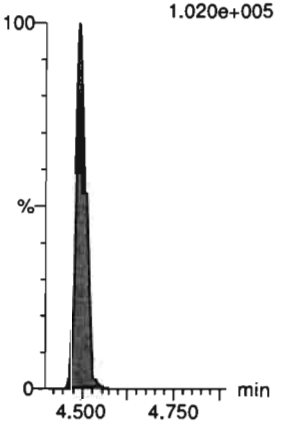
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.310e+004



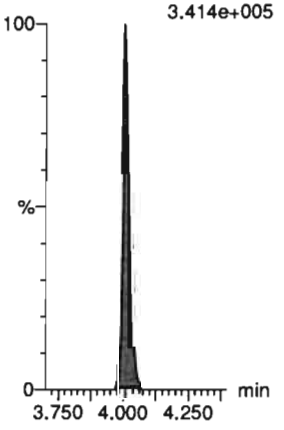
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.123e+005



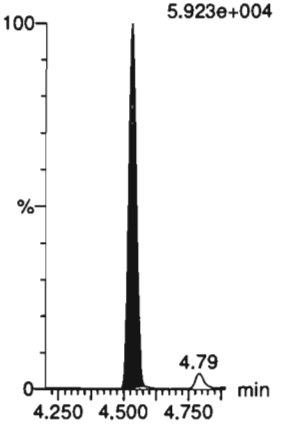
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.020e+005



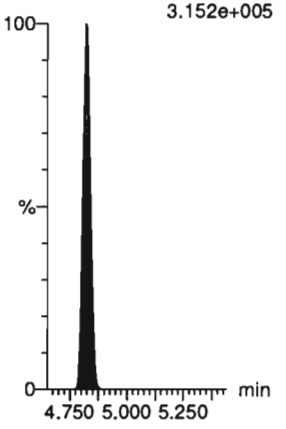
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.414e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
5.923e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.152e+005



Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-CRV.qld

Last Altered: Wednesday, June 10, 2020 09:20:07 Pacific Daylight Time
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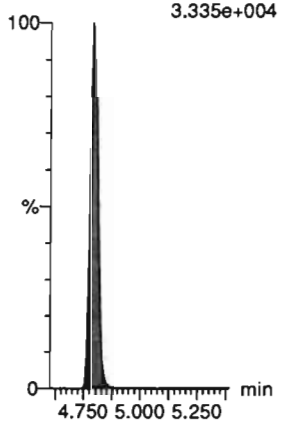
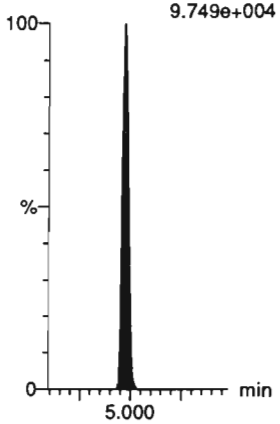
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

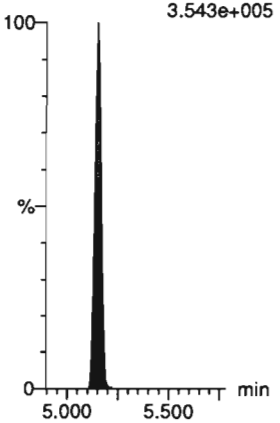
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.335e+004



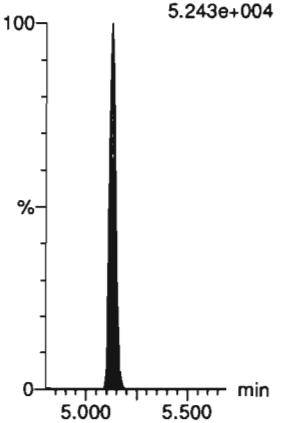
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.749e+004



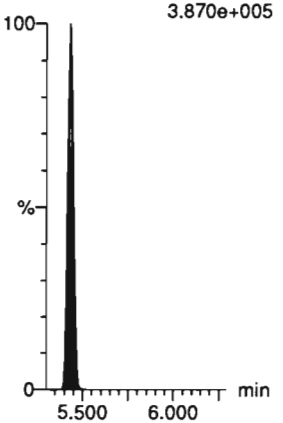
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.543e+005



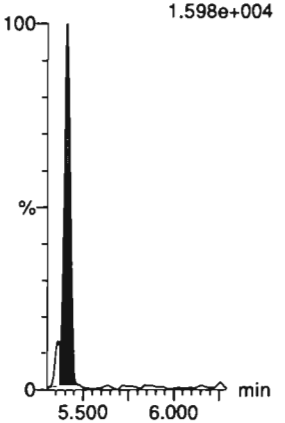
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.243e+004



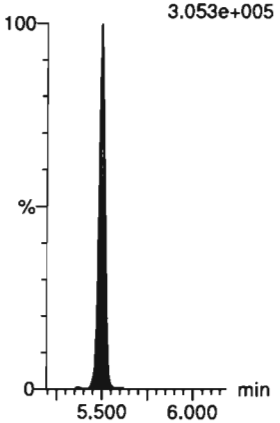
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
3.870e+005



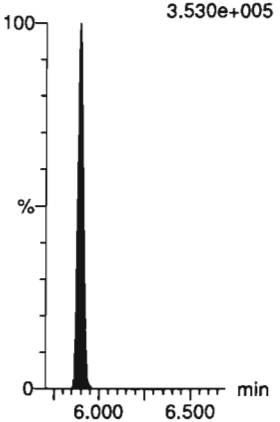
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
1.598e+004



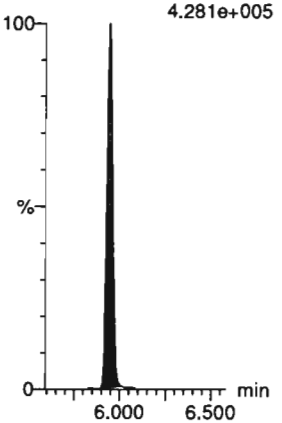
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.053e+005



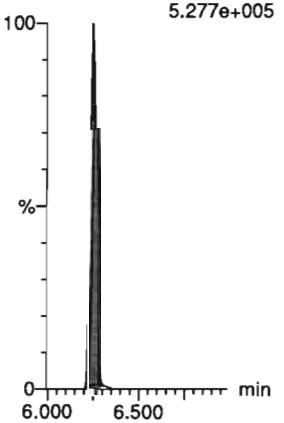
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.530e+005



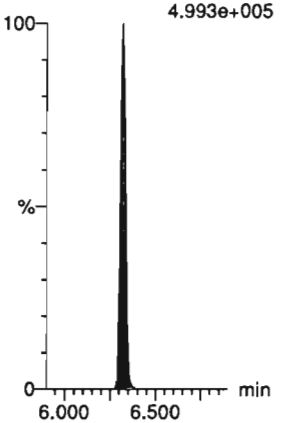
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.281e+005



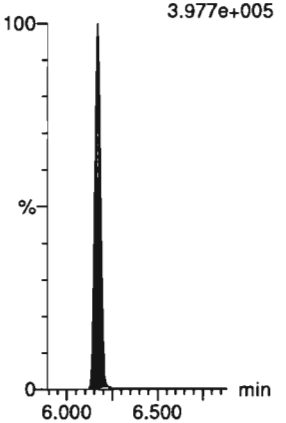
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.277e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.993e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.977e+005



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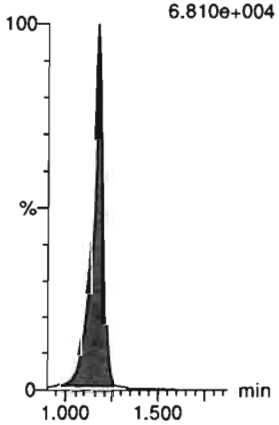
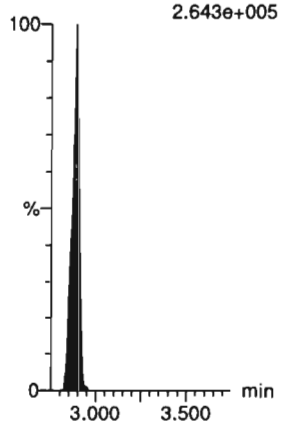
Name: 200609P1-14, Date: 09-Jun-2020, Time: 15:30:14, ID: ST200609P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

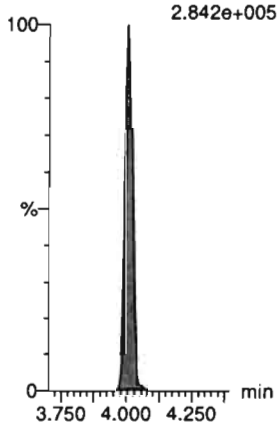
13C4-PFBA



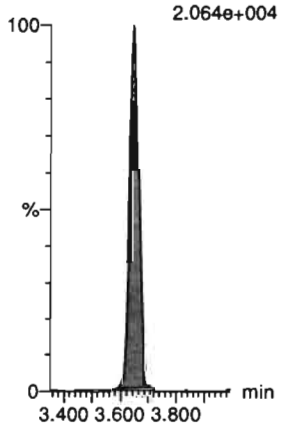
13C5-PFHxA



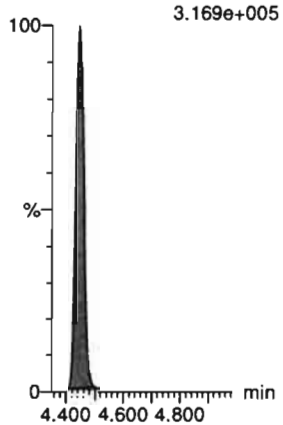
13C8-PFOA



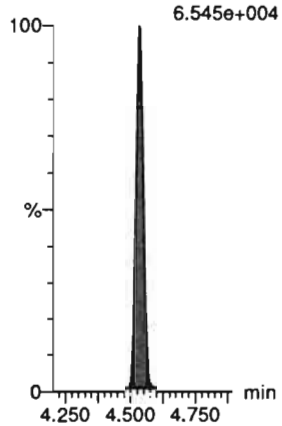
18O2-PFHxS



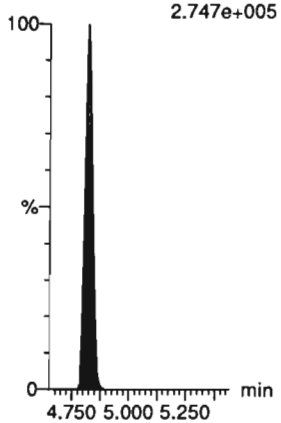
13C9-PFNA



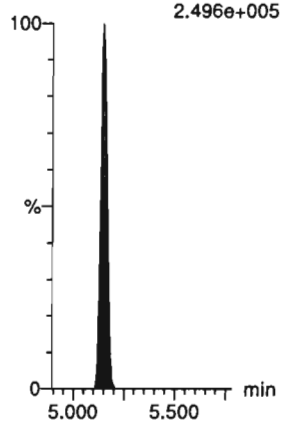
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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*NOT IN ICV

✓ 7R 06/10/2020

Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3405.073	4050.609	1.00	1.17	10.508	10.000	10.3	102.7	NO		
2	2	PFPrS	249 > 80		1017.408	1.00			10.000		*	NO		YES
3	3	3:3 FTCA	240.9 > 176.9		8880.351	1.00			10.000		*	NO		YES
4	4	PFPeA	263.1 > 218.9	6701.407	8880.351	1.00	2.10	9.433	10.000	10.7	107.1	NO		
5	5	PFBS	299.0 > 80	1839.901	1017.408	1.00	2.37	22.605	8.840	8.95	101.3	NO	2.458	NO
6	6	4:2 FTS	326.9 > 306.9	2479.460	1146.730	1.00	2.81	27.028	9.360	10.0	107.1	NO	12.024	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4050.609		1.00	1.17	4050.609	12.500	12.9	103.5	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1017.408		1.00	2.37	1017.408	12.500	11.6	92.9	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	8880.351		1.00	2.09	8880.351	12.500	11.9	95.1	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	8880.351		1.00	2.09	8880.351	12.500	11.9	95.1	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1017.408		1.00	2.37	1017.408	12.500	11.6	92.9	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1146.730		1.00	2.81	1146.730	12.500	11.3	90.4	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	8908.405	10409.438	1.00	2.89	10.698	10.000	10.6	106.1	NO	23.694	NO
15	8	PFPeS	349.>80	1672.745	1017.408	1.00	3.10	20.552	9.360	10.6	113.6	NO	1.984	NO
16	9	HFPO-DA	285.1 > 168.9	1416.379	1975.240	1.00	3.11	8.963	10.000	9.75	97.5	NO	2.185	NO
17	10	5:3 FTCA	340.9 > 236.9		9736.542	1.00			10.000		*	NO		YES
18	11	PFHpA	363.0 > 319	9877.608	9736.542	1.00	3.51	12.681	10.000	10.1	101.0	NO	40.668	YES
19	12	ADONA	376.8 > 250.9	17523.961	9736.542	1.00	3.62	22.498	9.440	10.1	107.3	NO	4.160	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10409.438		1.00	2.89	10409.438	12.500	11.8	94.2	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1017.408		1.00	2.37	1017.408	12.500	11.6	92.9	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	1975.240		1.00	3.11	1975.240	12.500	11.8	94.4	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	9736.542		1.00	3.51	9736.542	12.500	12.2	97.8	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9736.542		1.00	3.51	9736.542	12.500	12.2	97.8	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	9736.542		1.00	3.51	9736.542	12.500	12.2	97.8	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	1565.994	2026.191	1.00	3.65	9.661	9.120	9.19	100.8	NO	4.568	YES
28	15	6:2 FTS	427.0 > 407	1256.281	1348.414	1.00	3.96	11.646	9.480	10.6	112.0	NO	0.748	NO
29	16	L-PFOA	413 > 369	10151.580	12593.542	1.00	4.01	10.076	10.000	10.6	105.6	NO	3.230	NO
30	18	PFecHS	461 > 381.0		12593.542	1.00			10.000		*	NO		YES
31	19	PFHpS	449.0 > 80	1580.890	2300.212	1.00	4.12	8.591	9.520	9.37	98.5	NO	1.698	NO
32	20	7:3 FTCA	440.9 > 336.9		11384.251	1.00			10.000		*	NO		YES
33	61	13C3-PFHxS-EIS	402 >80	2026.191		1.00	3.65	2026.191	12.500	12.2	97.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1348.414		1.00	3.95	1348.414	12.500	12.2	97.5	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12593.542		1.00	4.01	12593.542	12.500	12.5	100.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12593.542		1.00	4.01	12593.542	12.500	12.5	100.3	NO		

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Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2300.212		1.00	4.53	2300.212	12.500	12.5	99.8	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	11384.251		1.00	4.45	11384.251	12.500	12.2	97.6	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	11096.896	11384.251	1.00	4.45	12.184	10.000	10.7	106.7	NO	13.606	YES
41	22	PFOSA	498 > 78	1847.686	3352.090	1.00	4.50	6.890	10.000	10.3	103.4	NO	21.885	NO
42	23	L-PFOS	499 > 80	1852.943	2300.212	1.00	4.54	10.069	9.280	8.78	94.6	NO	2.315	NO
43	25	9Cl-PF30NS	531 > 351	4616.206	2300.212	1.00	4.76	25.086	9.320	9.19	98.6	NO	37.601	YES
44	26	PFDA	513 > 469	9627.744	12400.399	1.00	4.83	9.705	10.000	10.7	107.2	NO	4.778	NO
45	27	8:2 FTS	527.1 > 507	755.185	1243.906	1.00	4.80	7.589	9.600	8.12	84.6	NO	0.552	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	11384.251		1.00	4.45	11384.251	12.500	12.2	97.6	NO		
47	67	13C8-PFOSA-EIS	506 > 78	3352.090		1.00	4.50	3352.090	12.500	12.6	100.8	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2300.212		1.00	4.53	2300.212	12.500	12.5	99.8	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2300.212		1.00	4.53	2300.212	12.500	12.5	99.8	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	12400.399		1.00	4.83	12400.399	12.500	11.1	88.5	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1243.906		1.00	4.80	1243.906	12.500	12.7	101.9	NO		
52	-1													
53	28	PFNS	549 > 80	2076.060	2300.212	1.00	4.89	11.282	9.600	9.70	101.1	NO	2.527	NO
54	29	L-MeFOSAA	570 > 419	3113.000	3405.674	1.00	4.98	11.426	10.000	9.95	99.5	NO	1.812	NO
55	31	L-EtFOSAA	584 > 419	3866.699	2196.952	1.00	5.14	22.000	10.000	10.4	104.5	NO	1.332	NO
56	33	PFUdA	563.0 > 519	11519.968	14529.075	1.00	5.15	9.911	10.000	10.6	106.2	NO	21.296	NO
57	34	PFDS	599.1 > 80.0	1684.133	2300.212	1.00	5.20	9.152	9.640	8.84	91.8	NO	2.427	NO
58	35	11Cl-PF30UdS	631 > 451	3129.801	15719.037	1.00	5.37	2.489	9.440	9.91	104.9	NO	16.849	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2300.212		1.00	4.53	2300.212	12.500	12.5	99.8	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3405.674		1.00	4.97	3405.674	12.500	13.1	105.0	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2196.952		1.00	5.13	2196.952	12.500	12.3	98.1	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	14529.075		1.00	5.15	14529.075	12.500	12.1	96.9	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2300.212		1.00	4.53	2300.212	12.500	12.5	99.8	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	15719.037		1.00	5.43	15719.037	12.500	12.0	96.2	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		856.690	1.00			10.000		*	NO		YES
67	37	PFDoA	612.9 > 569.0	11532.169	15719.037	1.00	5.43	9.171	10.000	10.9	109.0	NO	14.139	NO
68	38	N-MeFOSA	512.1 > 168.9		11367.761	1.00			9.600		*	NO		YES
69	39	PFTrDA	662.9 > 618.9	11924.066	15719.037	1.00	5.68	9.482	10.000	10.5	105.2	NO	111.150	YES
70	40	PFDoS	699 > 80		14220.730	1.00			10.000		*	NO		YES
71	41	PFTeDA	713.0 > 669.0	7397.607	14220.730	1.00	5.90	6.502	10.000	9.97	99.7	NO	15.049	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	856.690		1.00	5.42	856.690	12.500	12.4	99.4	NO		

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Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	614.9 > 569.9	15719.037		1.00	5.43	15719.037	12.500	12.0	96.2	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	11367.761		1.00	5.50	11367.761	149.200	147	98.7	NO		
75	83 13C2-PFDoA-EIS	614.9 > 569.9	15719.037		1.00	5.43	15719.037	12.500	12.0	96.2	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	14220.730		1.00	5.90	14220.730	12.500	12.3	98.1	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	14220.730		1.00	5.90	14220.730	12.500	12.3	98.1	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9		16767.219	1.00			9.600		*	NO		YES
80	43 PFHxDA	813 > 769		21064.977	1.00			10.000			NO		YES
81	44 PFODA	913.1 > 868.8		21064.977	1.00			10.000			NO		
82	45 N-MeFOSE	616.1 > 58.9		13955.288	1.00			9.600			NO		
83	46 N-EtFOSE	630.1 > 58.9		15792.705	1.00			9.600			NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4050.609	4779.789	1.00	1.17	10.593	12.500	11.9	95.5	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	16767.219		1.00	5.95	16767.219	149.200	142	95.3	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	21064.977		1.00	6.25	21064.977	12.500	12.2	98.0	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	21064.977		1.00	6.25	21064.977	12.500	12.2	98.0	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	13955.288		1.00	6.17	13955.288	149.200	144	96.7	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	15792.705		1.00	6.32	15792.705	149.200	143	96.1	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	8946.780	11937.005	1.00	2.09	9.369	12.500	12.1	96.6	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 98.9	1017.408	746.023	1.00	2.37	17.047	12.500	13.2	106.0	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1975.240	11937.005	1.00	3.11	2.068	12.500	11.8	94.7	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >80.8	1146.730	746.023	1.00	2.81	19.214	12.500	13.6	108.6	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	10409.438	11937.005	1.00	2.89	10.900	12.500	11.7	93.4	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	9736.542	11937.005	1.00	3.51	10.196	12.500	12.2	97.4	NO		
97	62 13C3-PFHxS-RSD	402 > 80	2026.191	746.023	1.00	3.65	33.950	12.500	13.2	105.7	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.7	1348.414	2396.543	1.00	3.95	7.033	12.500	12.5	99.6	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	11384.251	11548.070	1.00	4.45	12.323	12.500	12.8	102.2	NO		
100	68 13C8-PFOSA-RSD	506 > 78	3352.090	10458.334	1.00	4.50	4.006	12.500	12.5	100.1	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	12593.542	10848.918	1.00	4.01	14.510	12.500	12.1	97.0	NO		
102	72 13C8-PFOS-RSD	507.1 > 80	2300.212	2396.543	1.00	4.53	11.998	12.500	13.3	106.1	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	12400.399	11591.071	1.00	4.83	13.373	12.500	11.5	91.6	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	529 > 80	1243.906	2396.543	1.00	4.80	6.488	12.500	12.2	97.5	NO		
106	78 d3-N-MeFOSAA-RSD	573.1 > 419	3405.674	10458.334	1.00	4.97	4.071	12.500	12.6	101.2	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	14529.075	10458.334	1.00	5.15	17.365	12.500	12.7	101.8	NO		
108	82 d5-N-EtFOSAA-RSD	589.3 > 419	2196.952	10458.334	1.00	5.13	2.626	12.500	12.9	103.3	NO		

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Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	15719.037	11591.071	1.00	5.43	16.952	12.500	12.1	97.0	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	856.690	2396.543	1.00	5.42	4.468	12.500	12.6	100.8	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	11367.761	10458.334	1.00	5.50	13.587	149.200	146	98.2	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	14220.730	10458.334	1.00	5.90	16.997	12.500	12.6	101.1	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	16767.219	10458.334	1.00	5.95	20.040	149.200	150	100.2	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	21064.977	10458.334	1.00	6.25	25.177	12.500	12.5	99.7	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	13955.288	10458.334	1.00	6.17	16.680	149.200	145	97.2	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	15792.705	10458.334	1.00	6.32	18.876	149.200	150	100.8	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	4779.789	4779.789	1.00	1.17	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	11937.005	11937.005	1.00	2.89	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	10848.918	10848.918	1.00	4.01	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	746.023	746.023	1.00	3.65	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	11548.070	11548.070	1.00	4.45	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	2396.543	2396.543	1.00	4.54	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	11591.071	11591.071	1.00	4.83	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	10458.334	10458.334	1.00	5.15	12.500	12.500	12.5	100.0	NO		

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Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-ICV.qld

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_060820_ICV.mdb 10 Jun 2020 10:43:13
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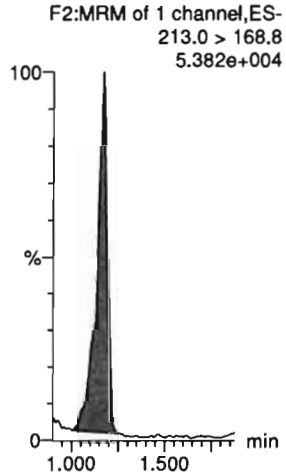
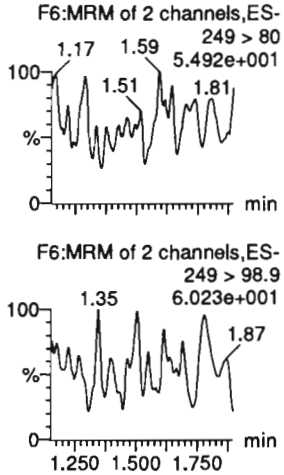
Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

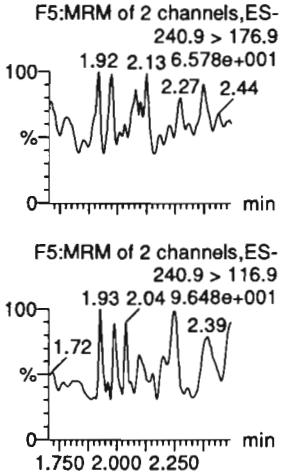
PFBA



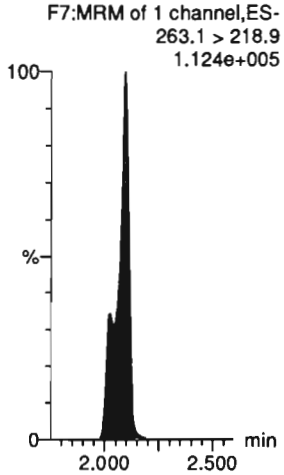
PFPrS



3:3 FTCA



PFPeA



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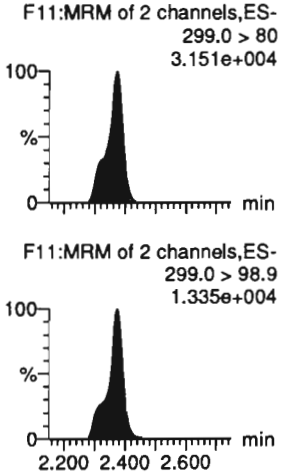
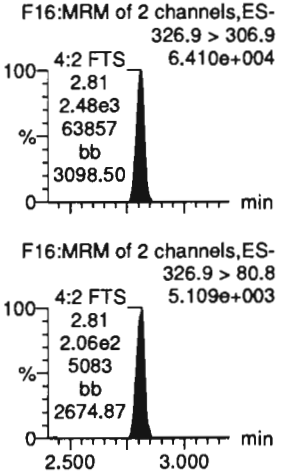
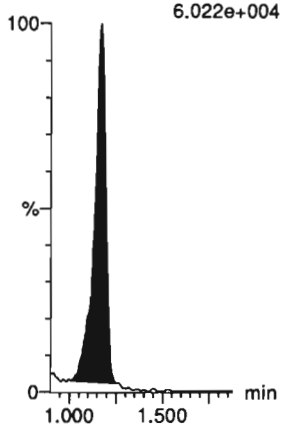


4:2 FTS



13C3-PFBA-EIS



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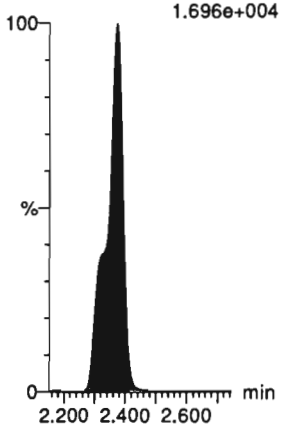

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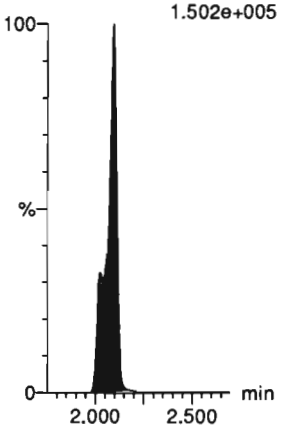

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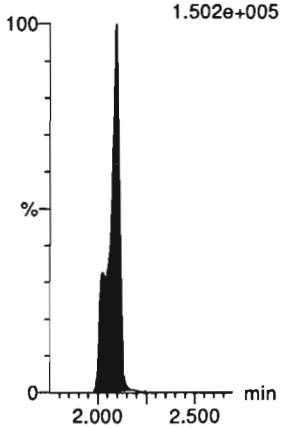

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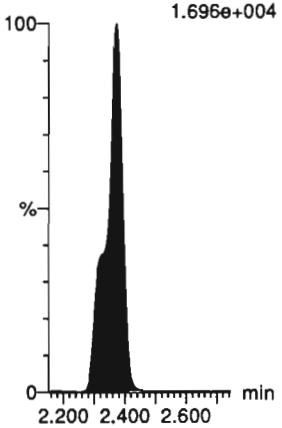
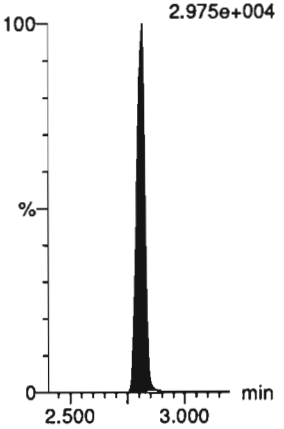


13C2-4:2 FTS-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-ICV.qld

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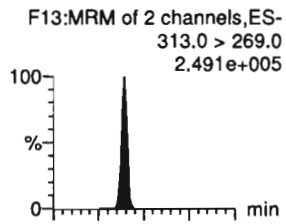
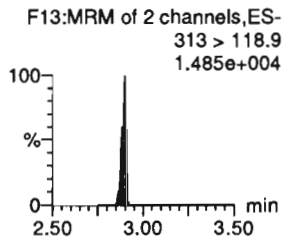
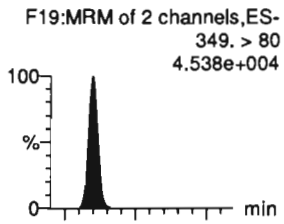
Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

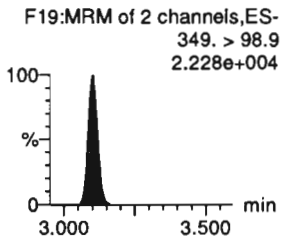
PFHxA



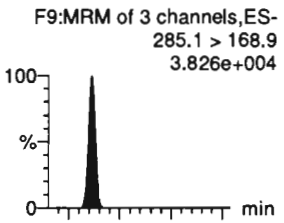


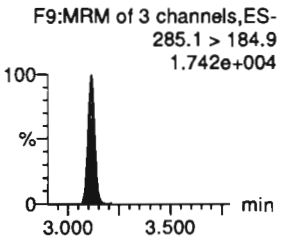
PFPeS



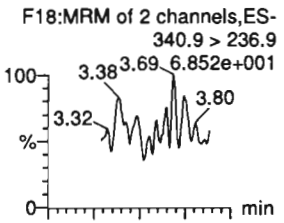


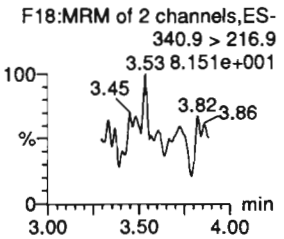
HFPO-DA





5:3 FTCA





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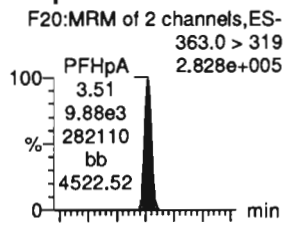

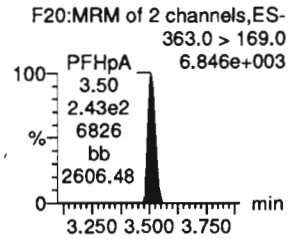

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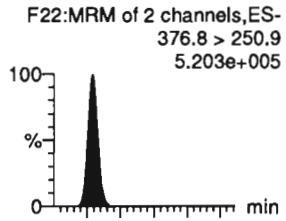
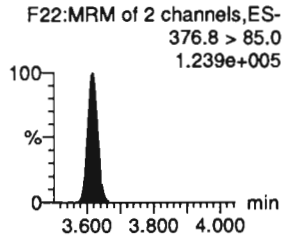
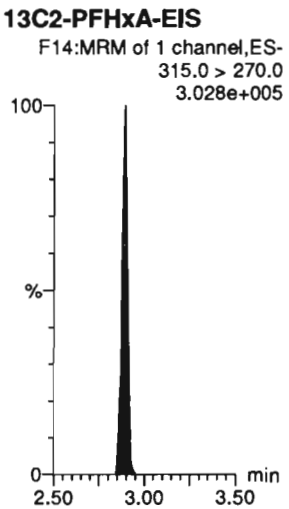
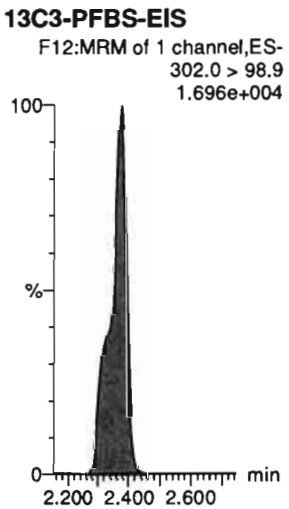




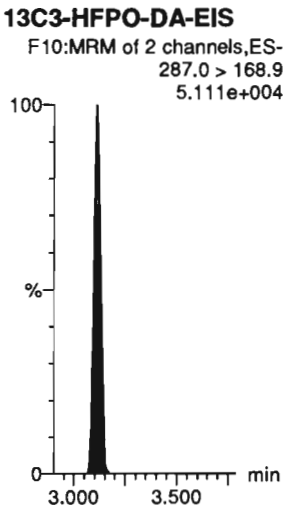
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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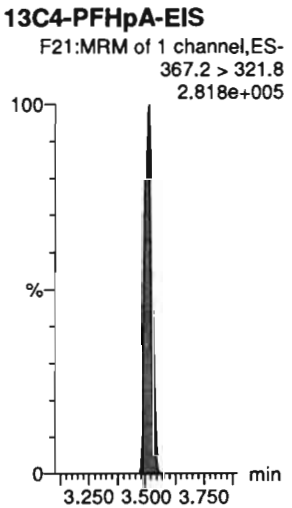

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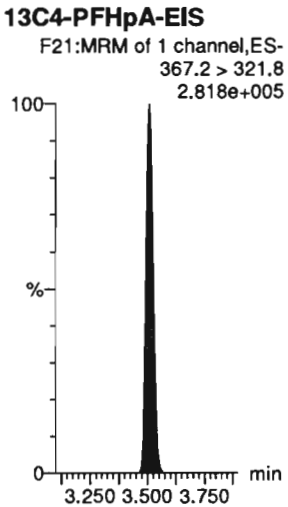

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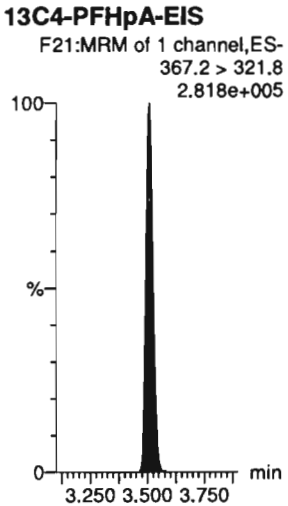

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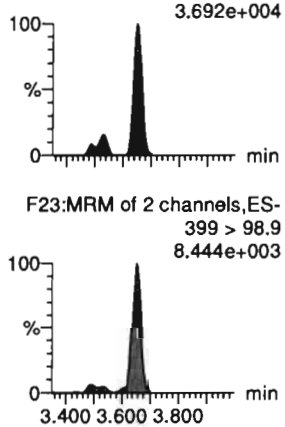
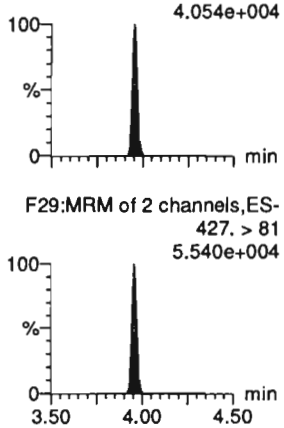
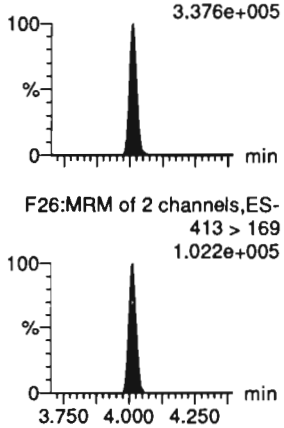
L-PFHxS



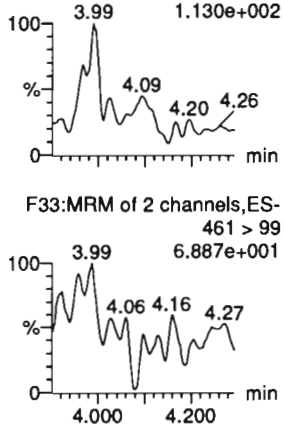
6:2 FTS



L-PFOA



PFEChS



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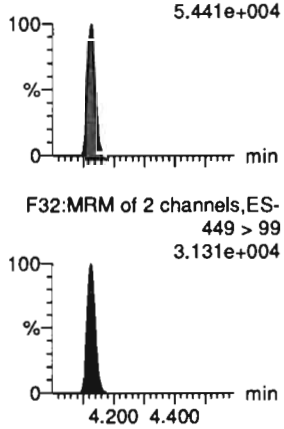
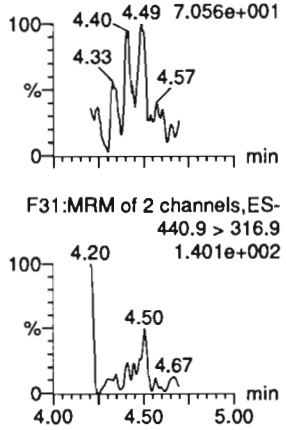


7:3 FTCA



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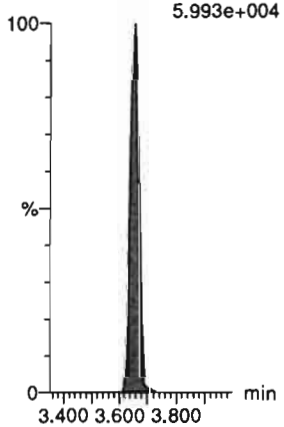
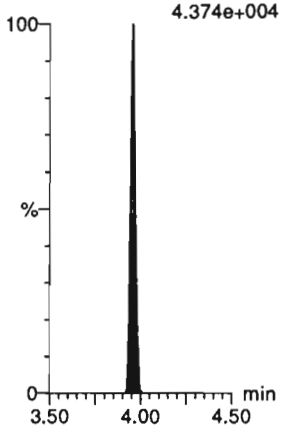


13C2-6:2 FTS-EIS



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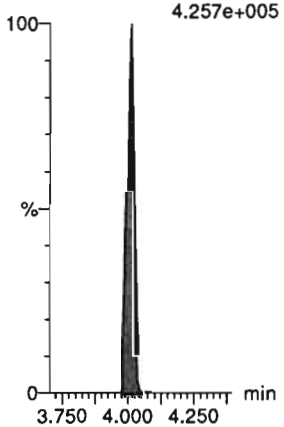

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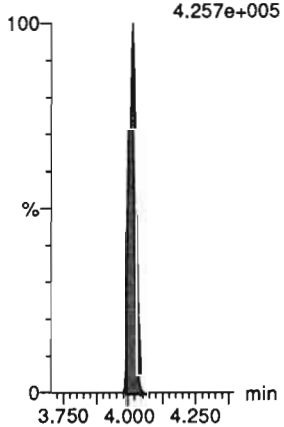

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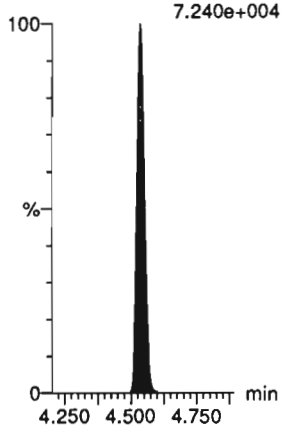

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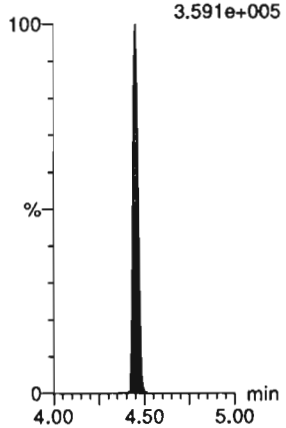

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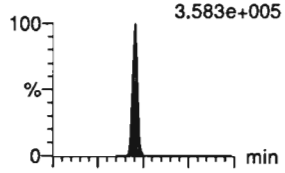
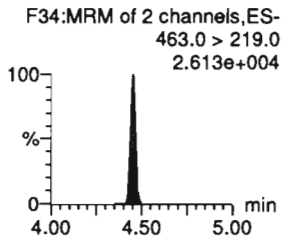
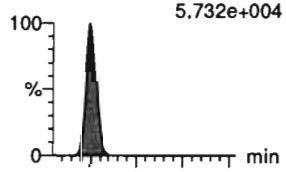
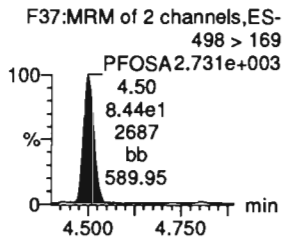
PFNA



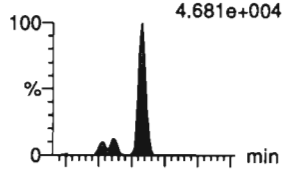


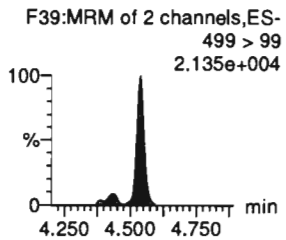
PFOSA





L-PFOS





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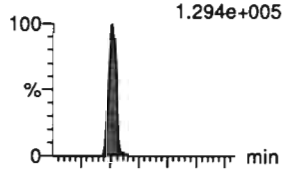

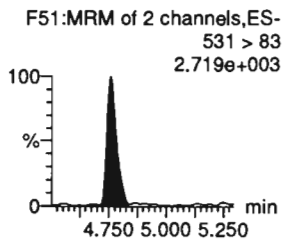

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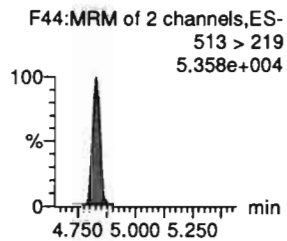
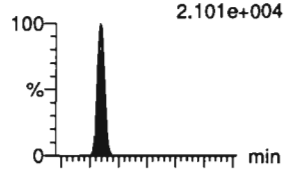
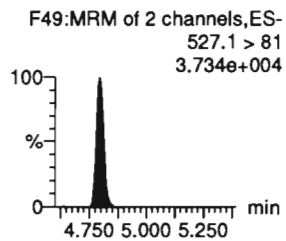
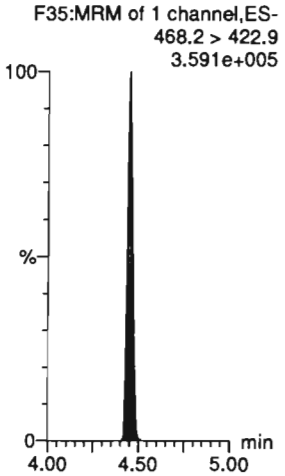


8:2 FTS

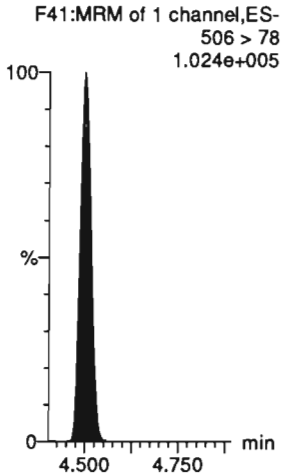




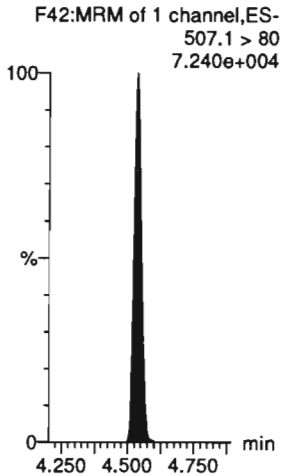
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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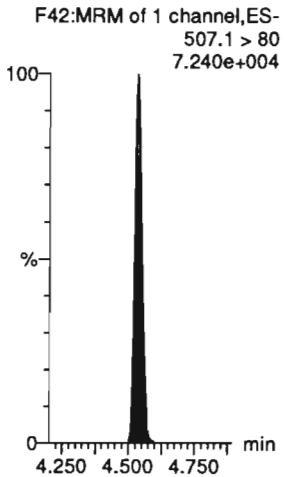

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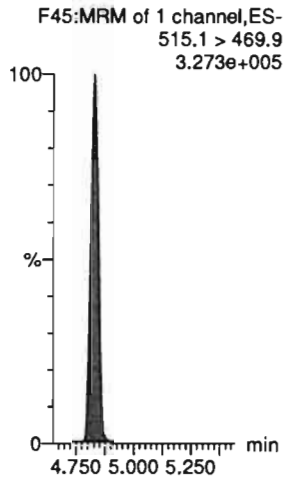
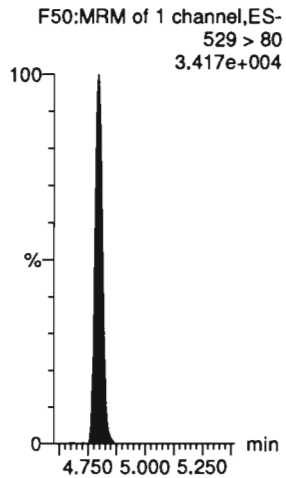


13C2-8:2 FTS-EIS



OPV 6/10/2020

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Last Altered: Wednesday, June 10, 2020 10:46:56 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:49:38 Pacific Daylight Time

Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

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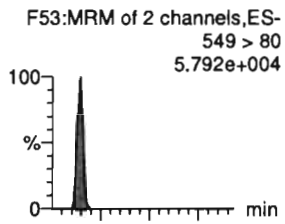

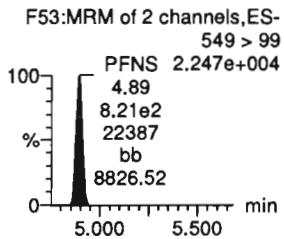

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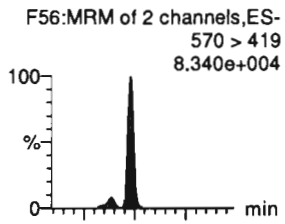

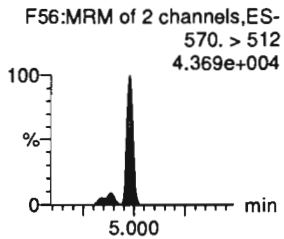

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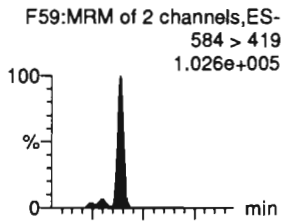
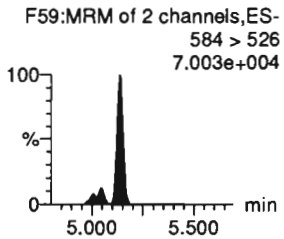
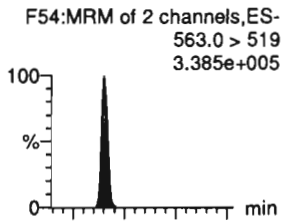
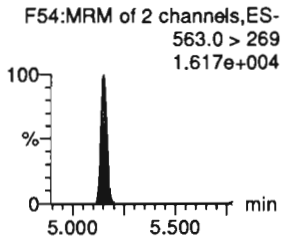




PFUdA





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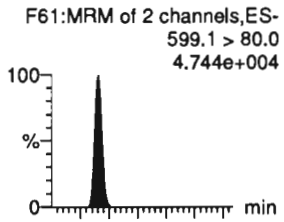

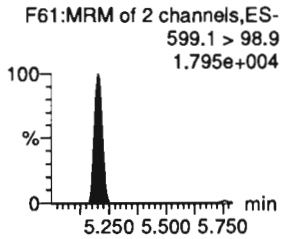

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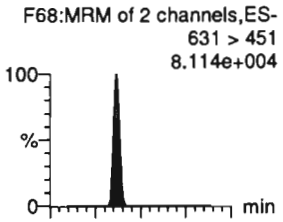
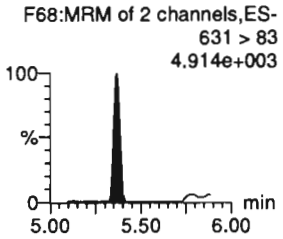
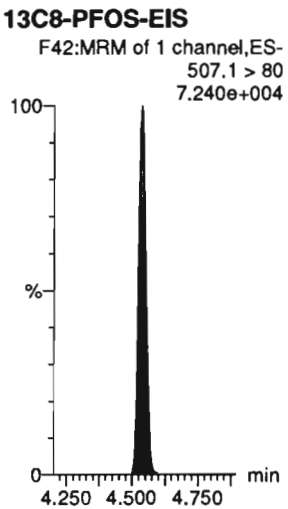
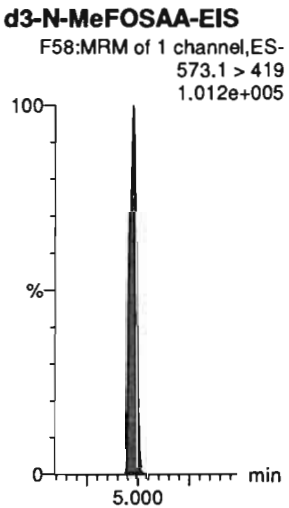




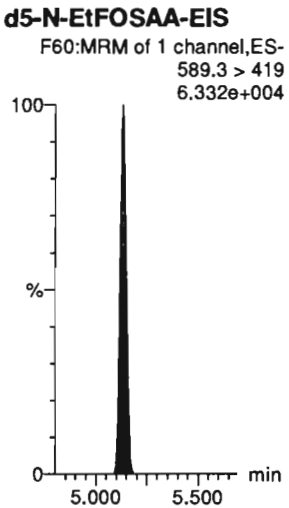
13C8-PFOS-EIS



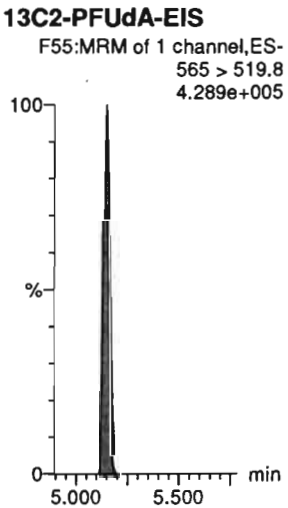
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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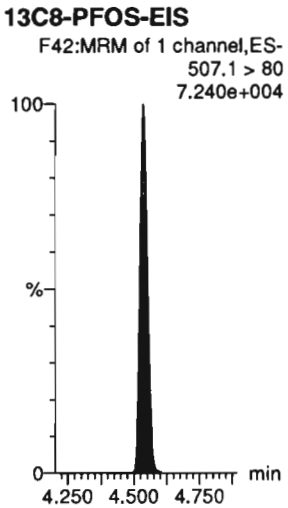

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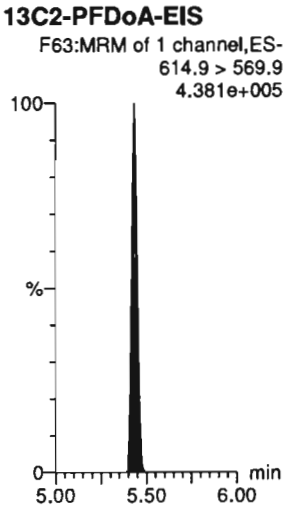

OPV 6/10/2020

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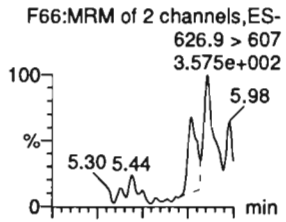
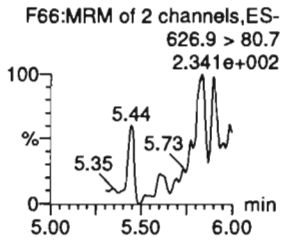
10:2 FTS





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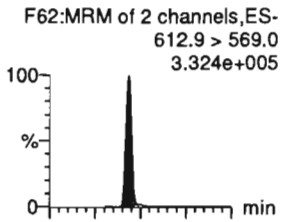
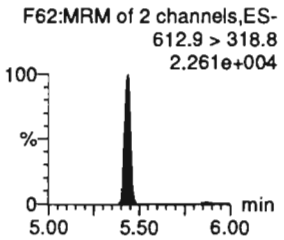
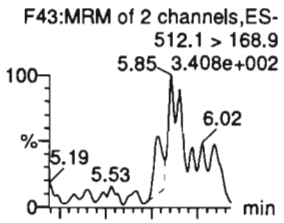
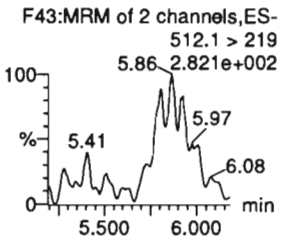


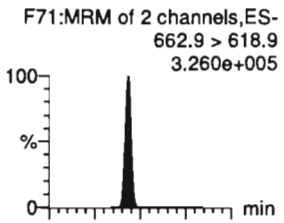


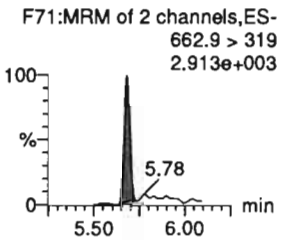
N-MeFOSA





PFTrDA





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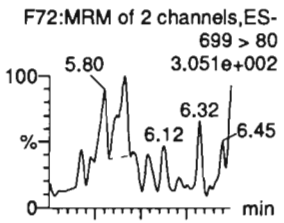
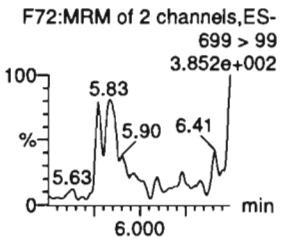
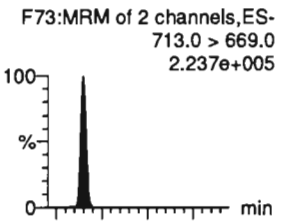
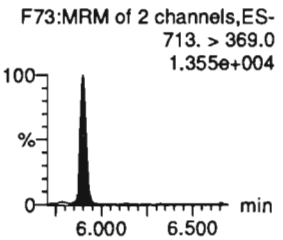


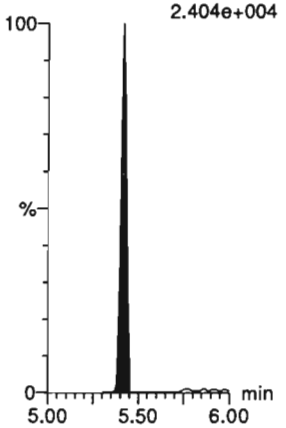


PFTeDA

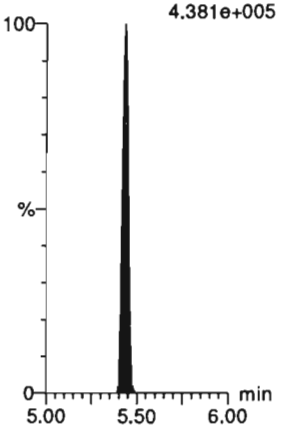




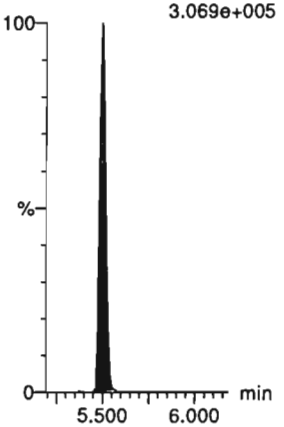
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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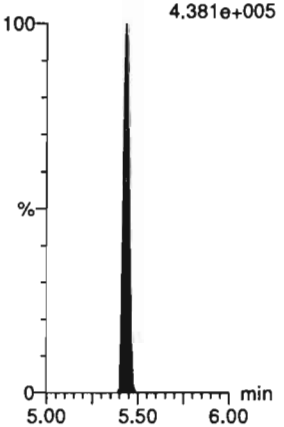

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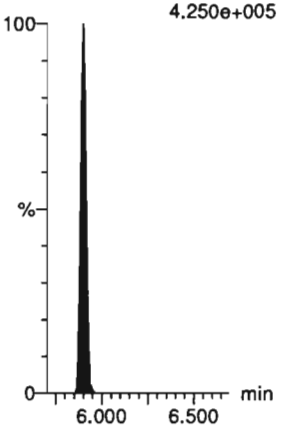

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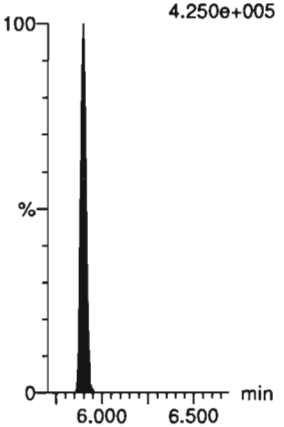

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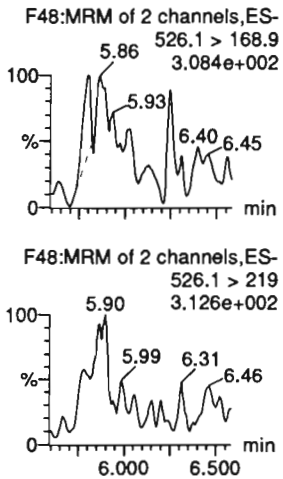
N-EtFOSA



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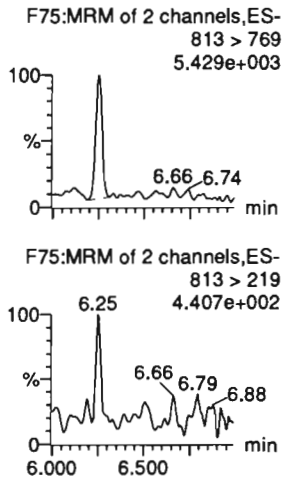

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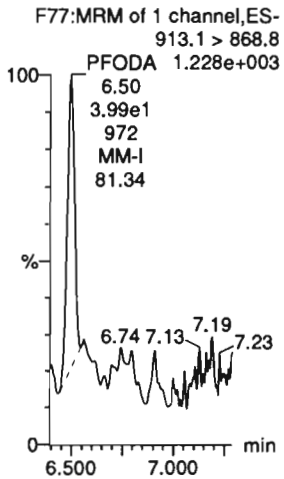
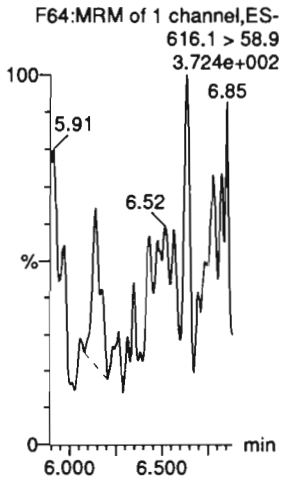
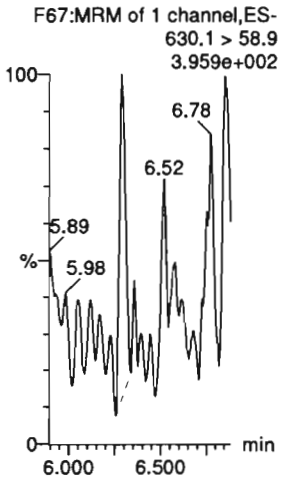


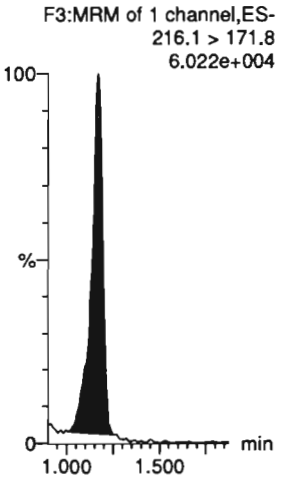
N-MeFOSE



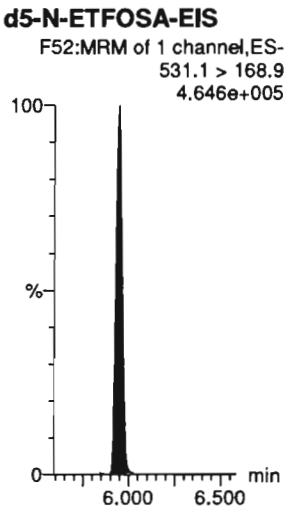
N-EtFOSE



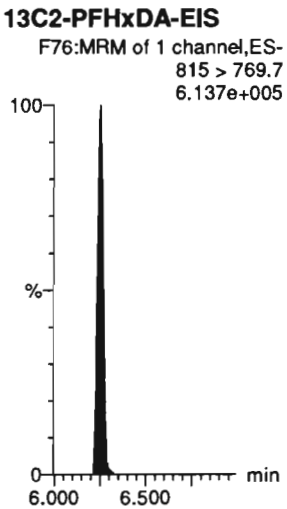
13C3-PFBA-RSD



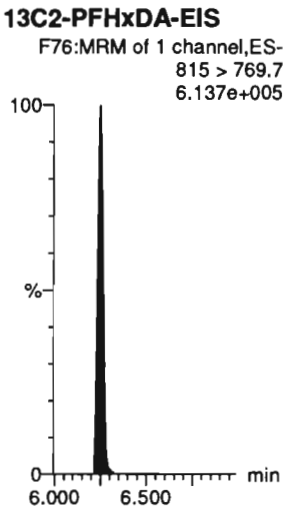
d5-N-ETFOSA-EIS



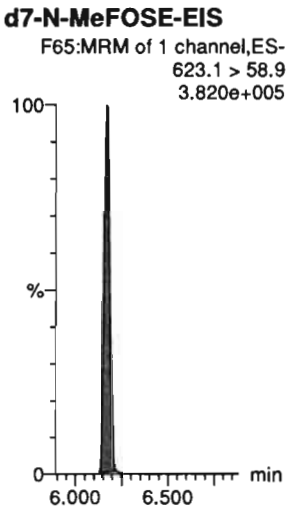
13C2-PFHxDA-EIS



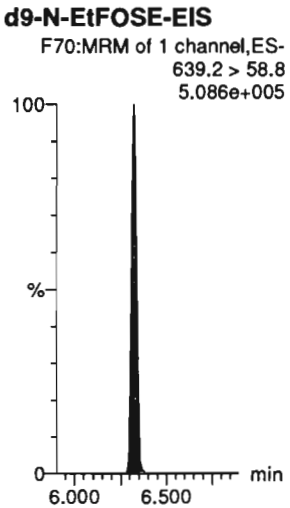
13C2-PFHxDA-EIS



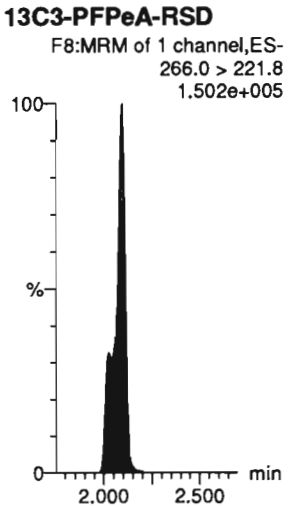
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



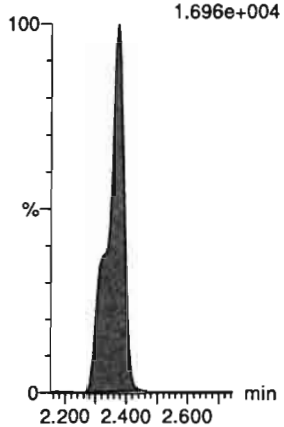
OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-ICV.qld

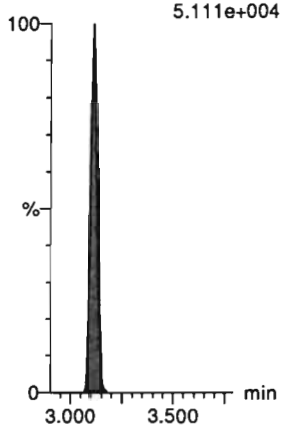
Last Altered: Wednesday, June 10, 2020 10:46:56 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:49:38 Pacific Daylight Time

Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

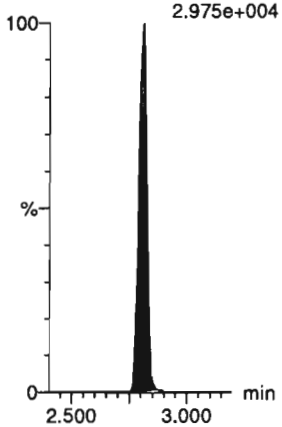
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.696e+004



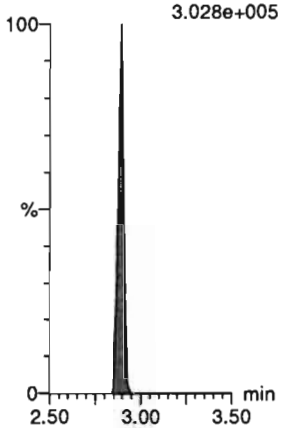
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.111e+004



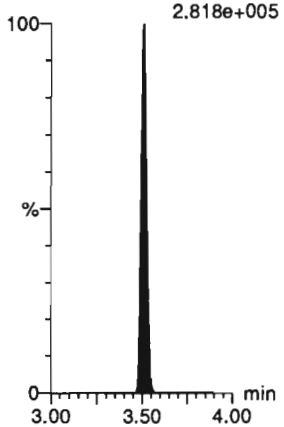
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.975e+004



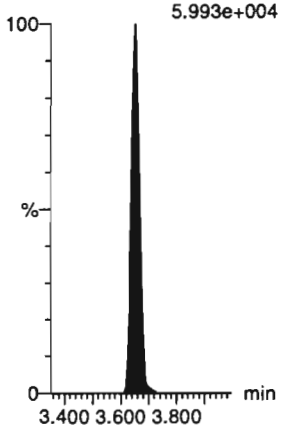
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.028e+005



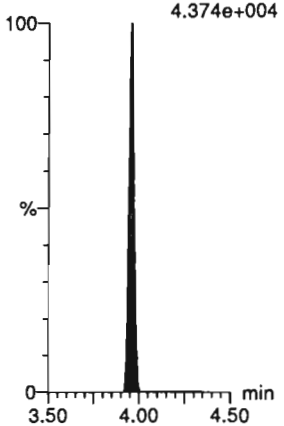
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.818e+005



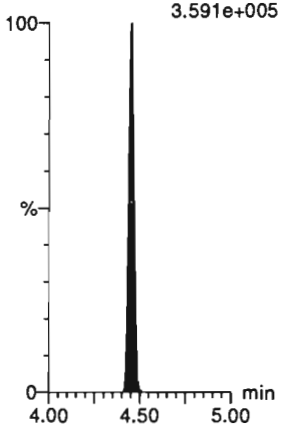
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.993e+004



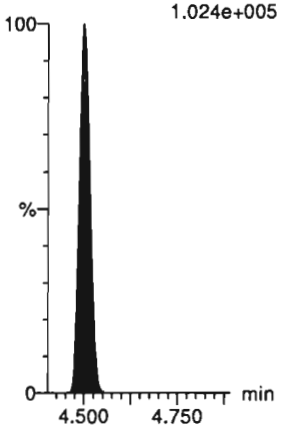
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.374e+004



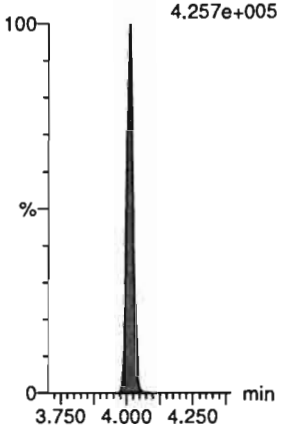
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.591e+005



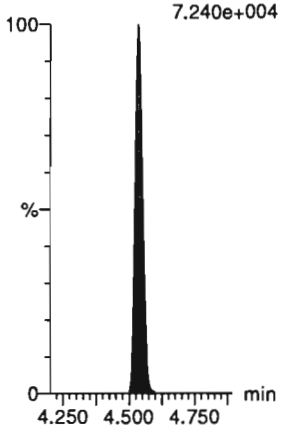
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.024e+005



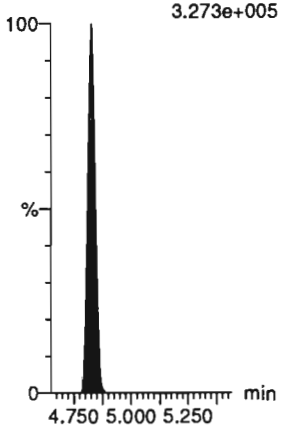
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.257e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.240e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.273e+005



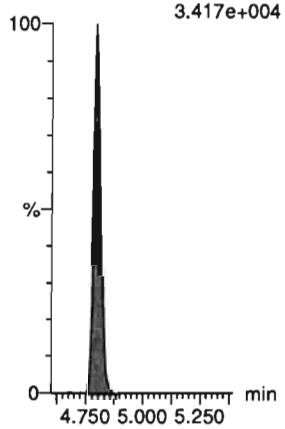
OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-ICV.qld

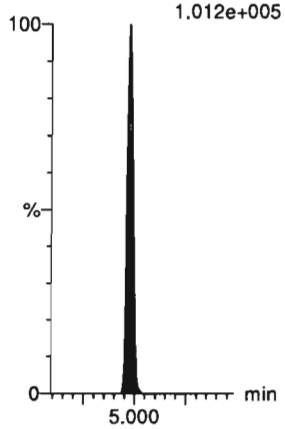
Last Altered: Wednesday, June 10, 2020 10:46:56 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:49:38 Pacific Daylight Time

Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

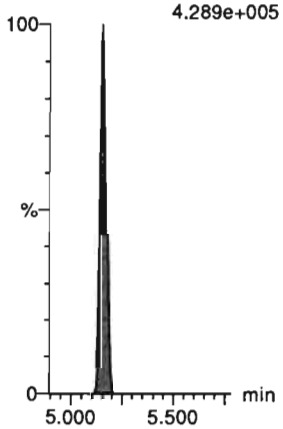
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.417e+004



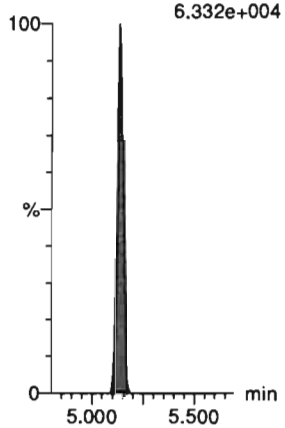
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.012e+005



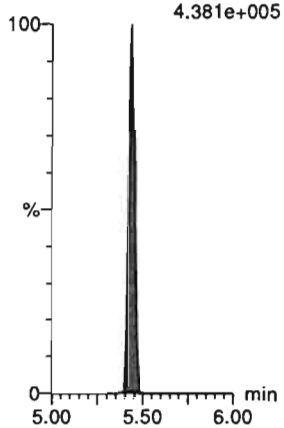
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.289e+005



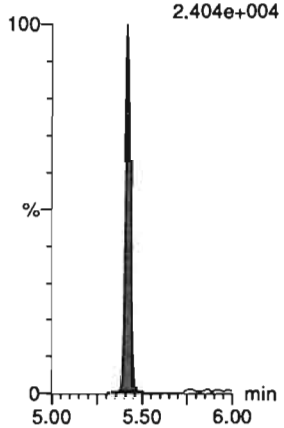
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.332e+004



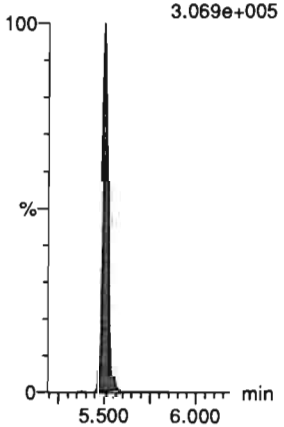
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.381e+005



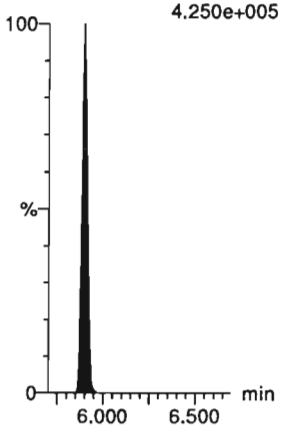
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.404e+004



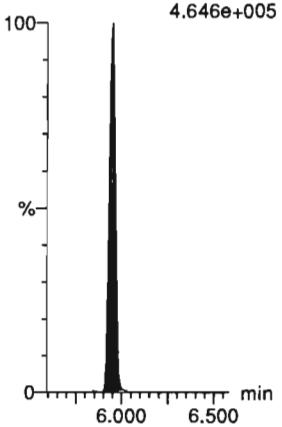
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.069e+005



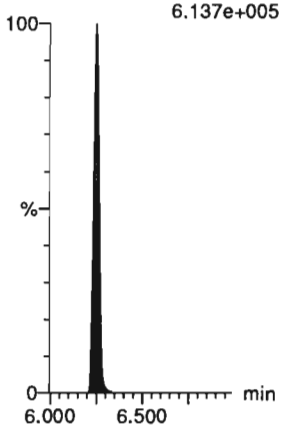
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.250e+005



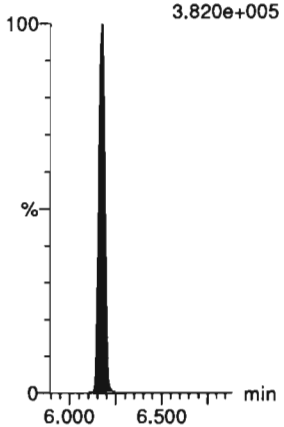
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.646e+005



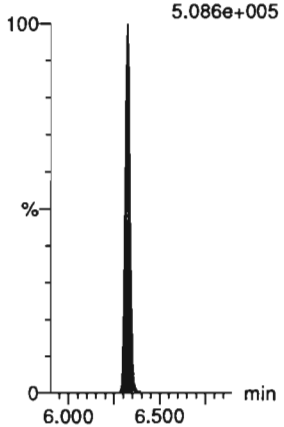
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.137e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.820e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.086e+005



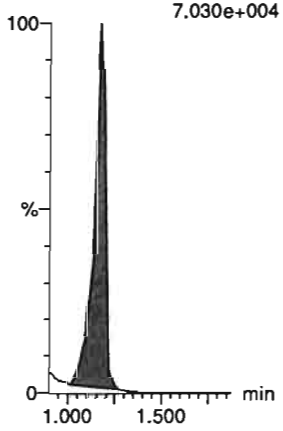
OPV 6/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200609P1\200609P1-ICV.qld

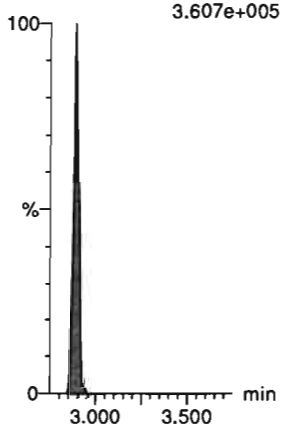
Last Altered: Wednesday, June 10, 2020 10:46:56 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:49:38 Pacific Daylight Time

Name: 200609P1-16, Date: 09-Jun-2020, Time: 15:51:14, ID: ICV200609P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

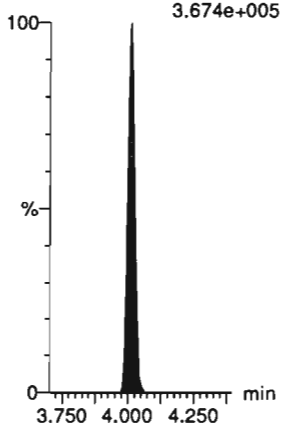
13C4-PFBA



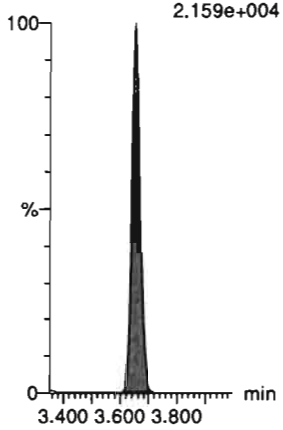
13C5-PFHxA



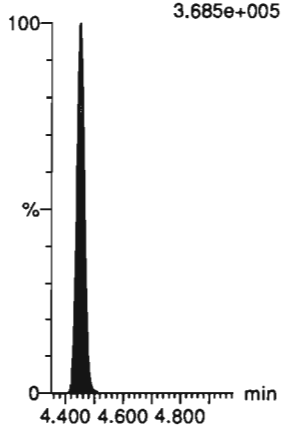
13C8-PFOA



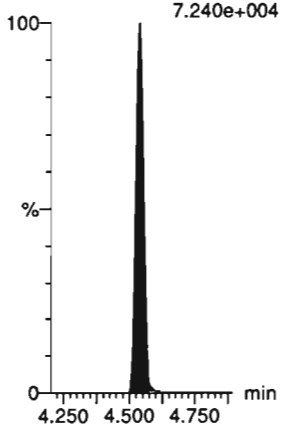
18O2-PFHxS



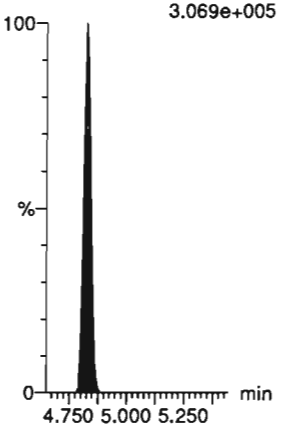
13C9-PFNA



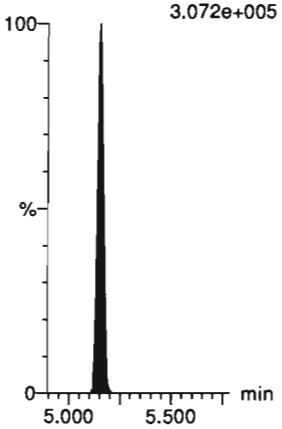
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/10/2020

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, June 10, 2020 10:40:59 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 10:41:14 Pacific Daylight Time

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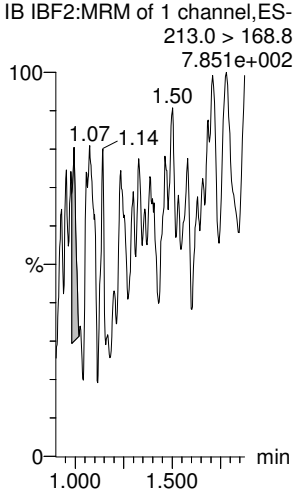
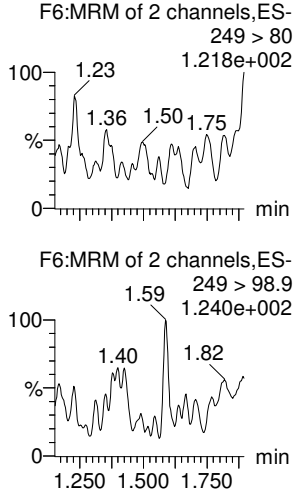
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-09-20.cdb 10 Jun 2020 10:20:02

Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

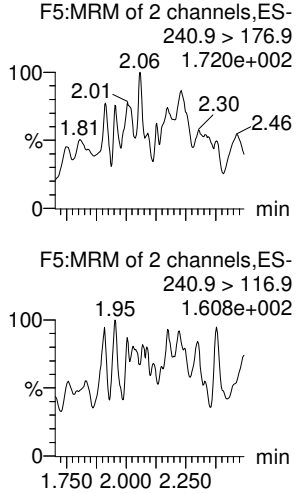
PFBA



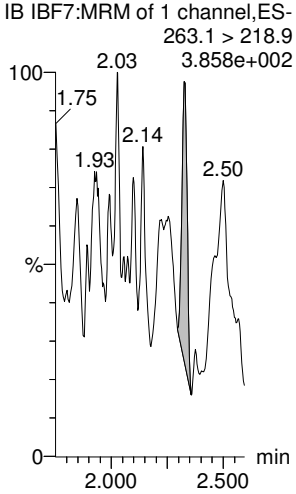
PFPrS



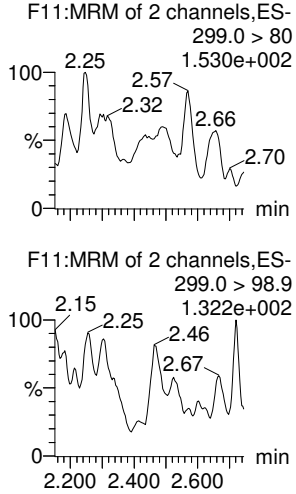
3:3 FTCA



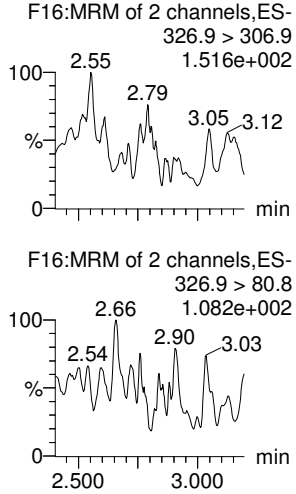
PFPeA



PFBS



4:2 FTS



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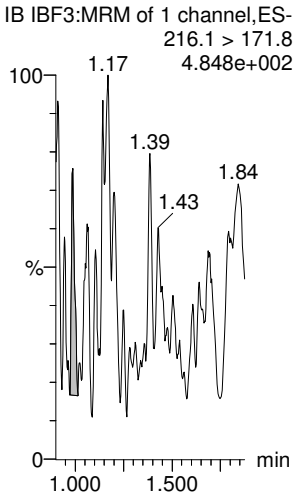

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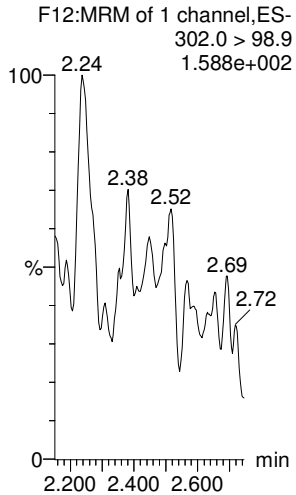

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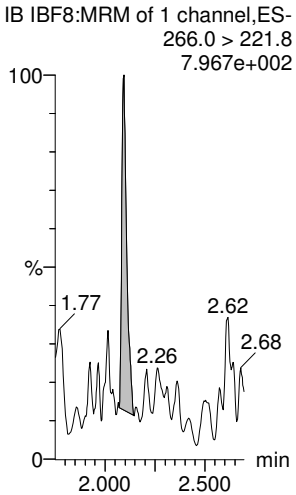

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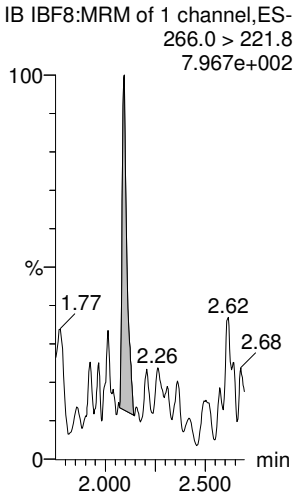

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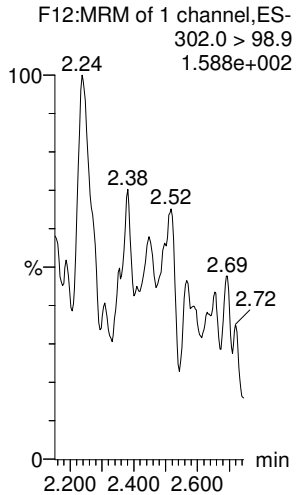

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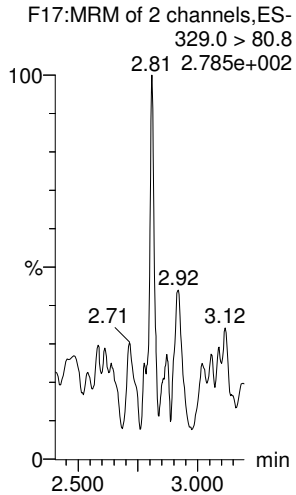

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Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

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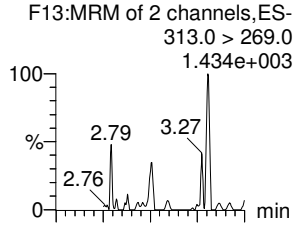

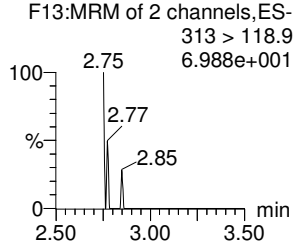

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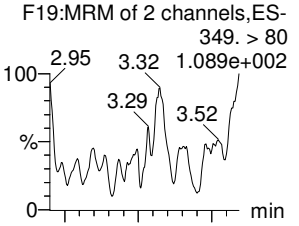
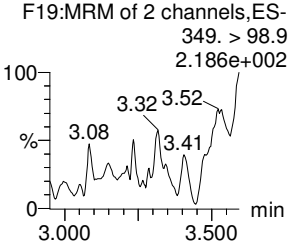
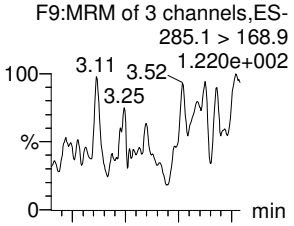
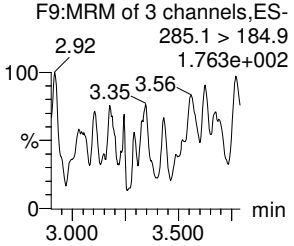




HFPO-DA





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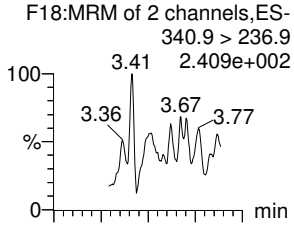

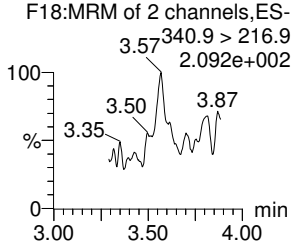

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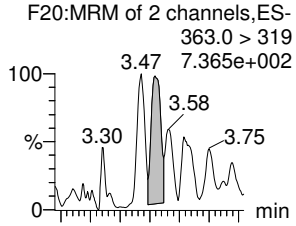

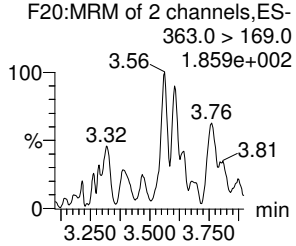

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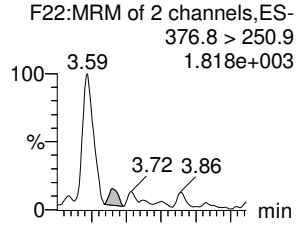

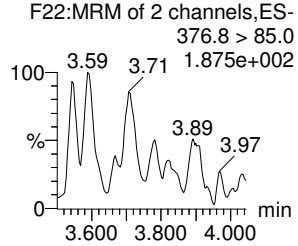

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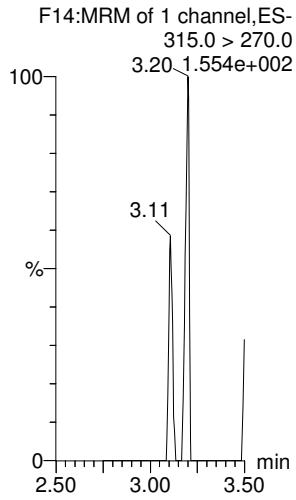

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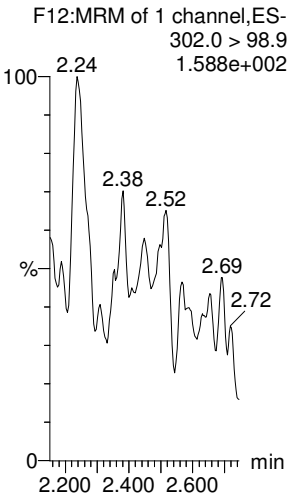

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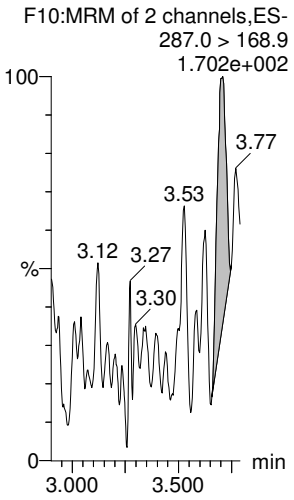

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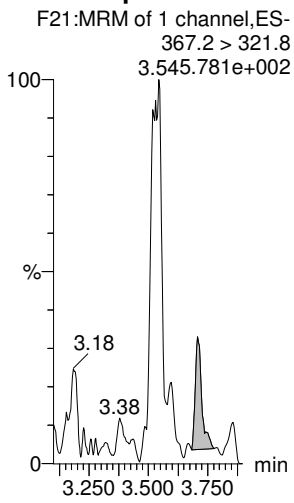

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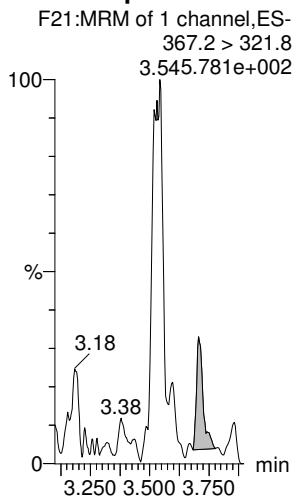

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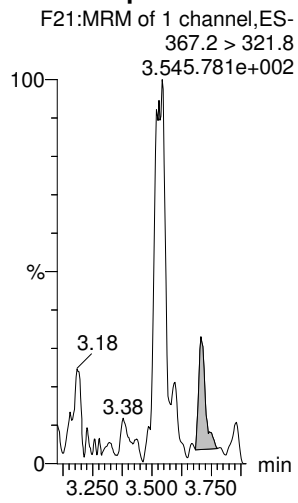

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Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

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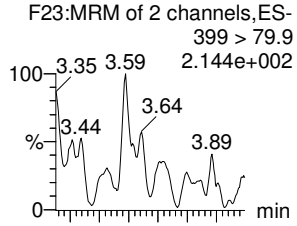
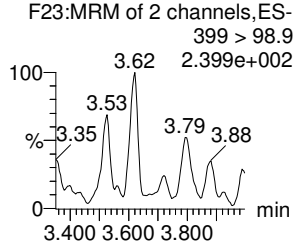
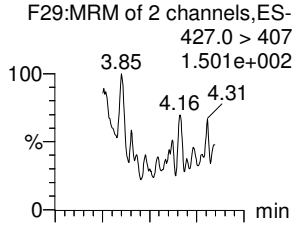
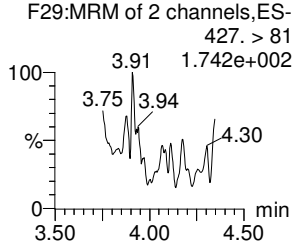




6:2 FTS





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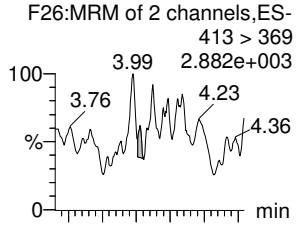

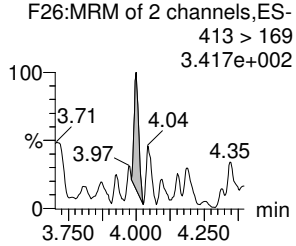

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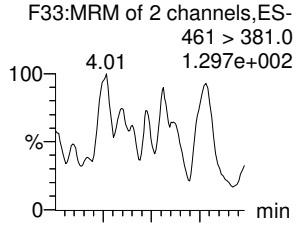

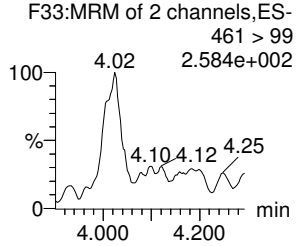

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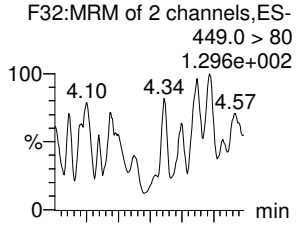

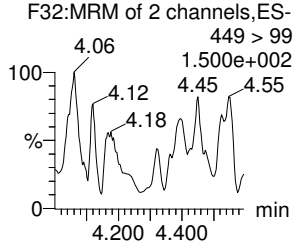

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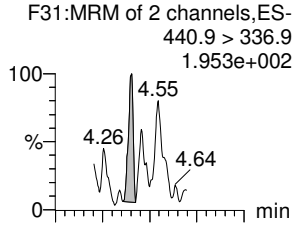

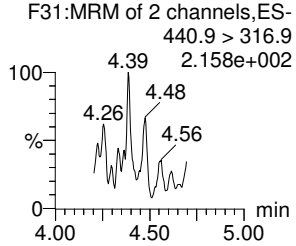

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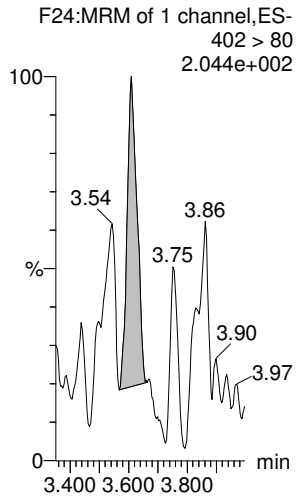

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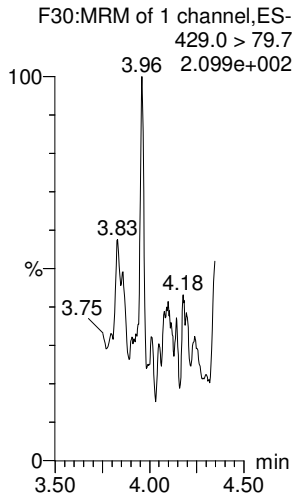

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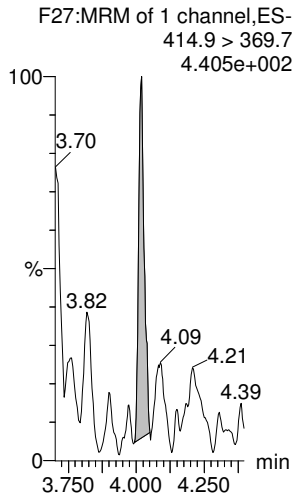

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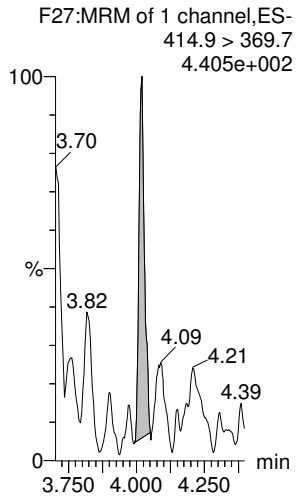

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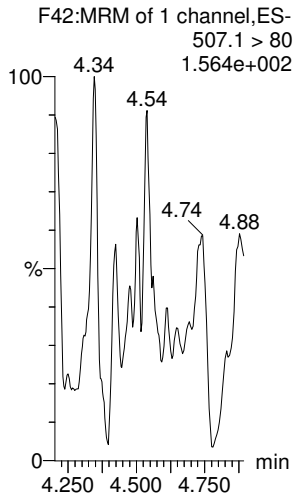

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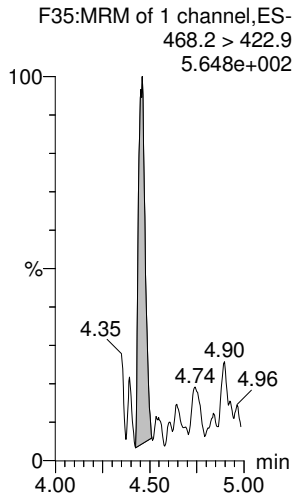

Vista Analytical Laboratory

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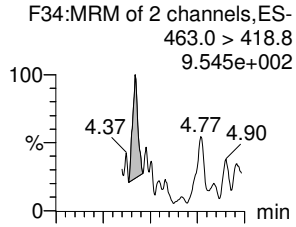

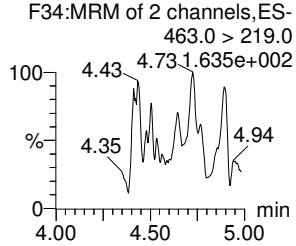

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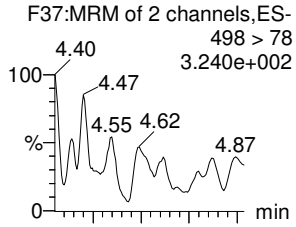
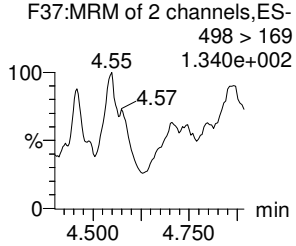
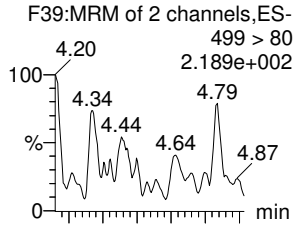
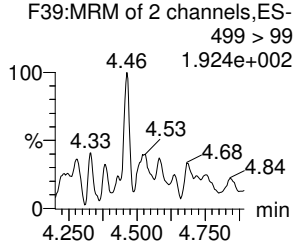




L-PFOS





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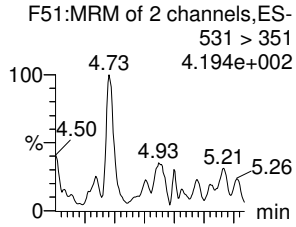

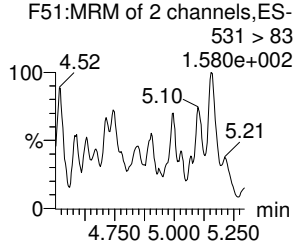

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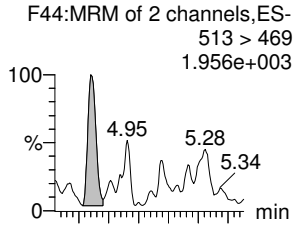

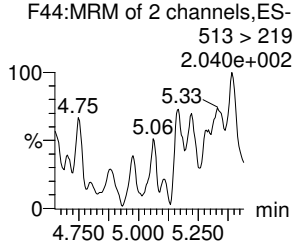

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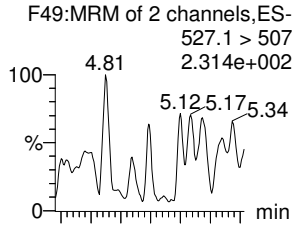
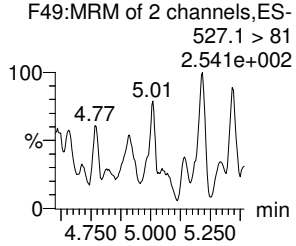
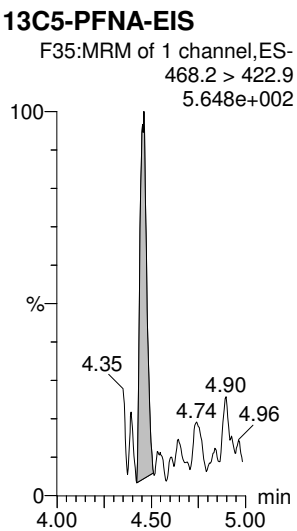
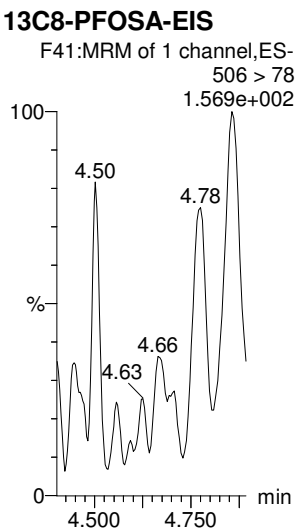




13C5-PFNA-EIS



13C8-PFOSA-EIS



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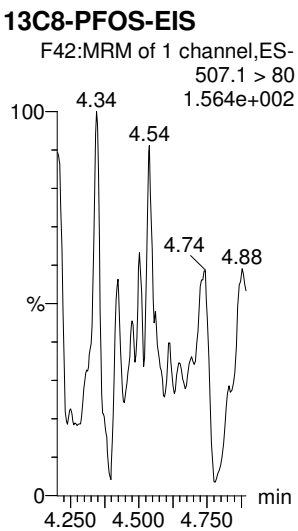

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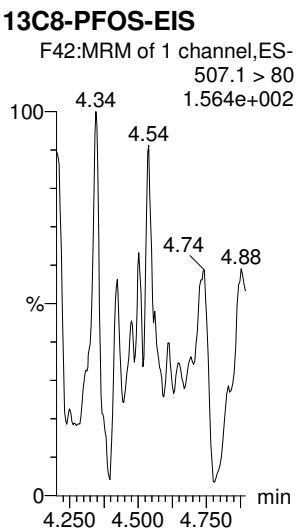

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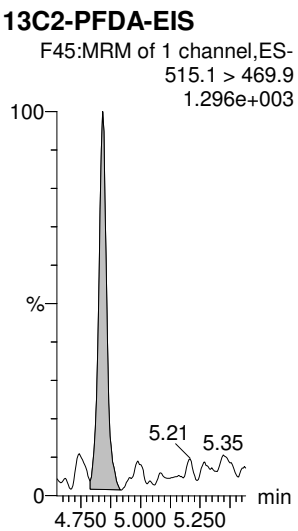

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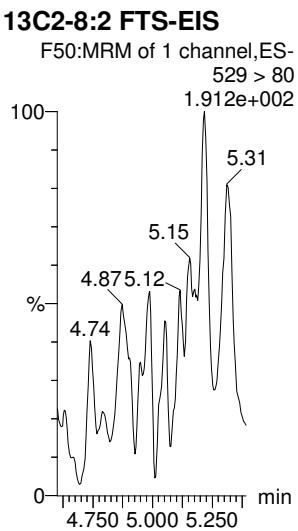

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Printed: Wednesday, June 10, 2020 10:41:14 Pacific Daylight Time

Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

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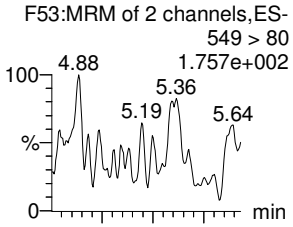

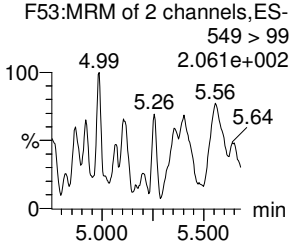

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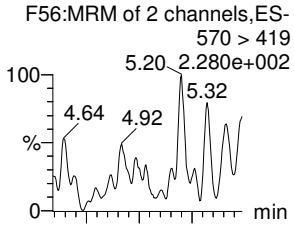

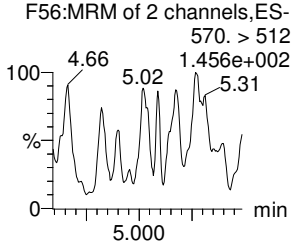

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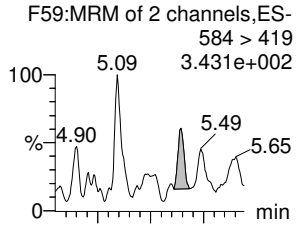

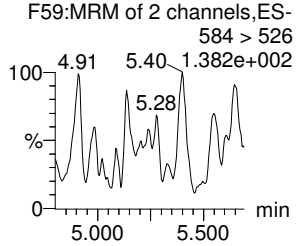

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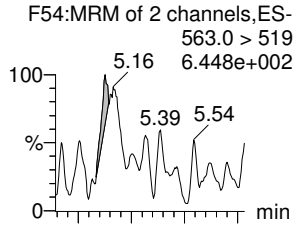

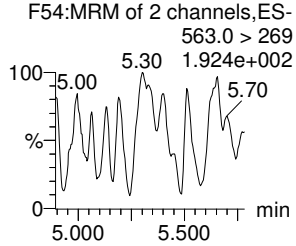

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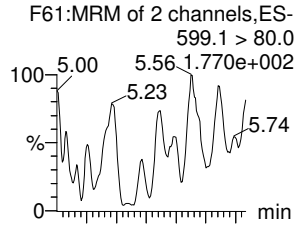

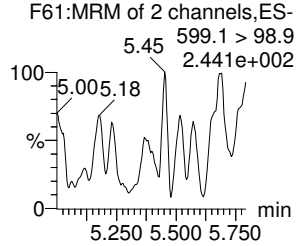

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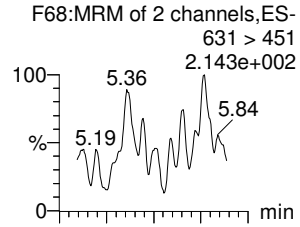

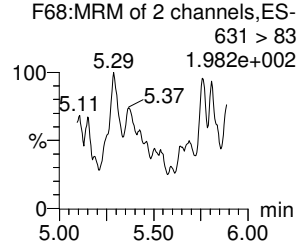

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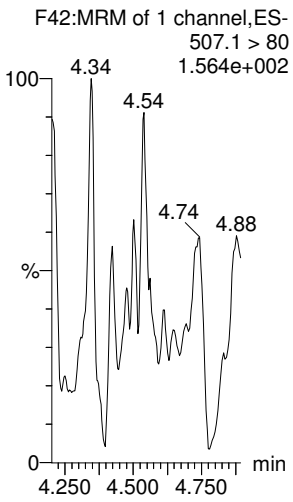
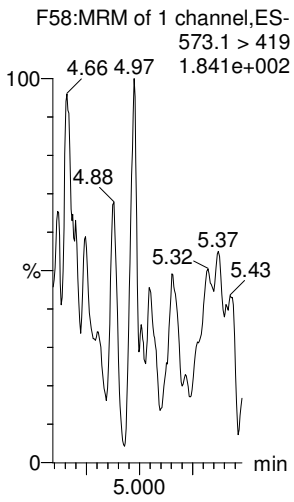


d3-N-MeFOSAA-EIS



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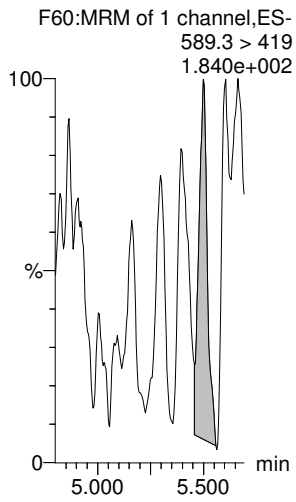

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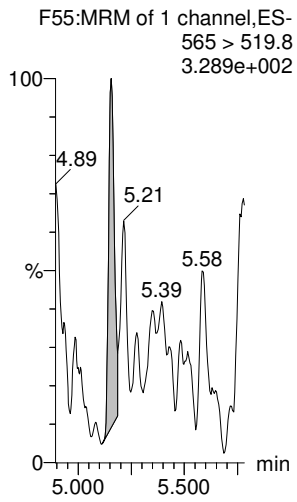

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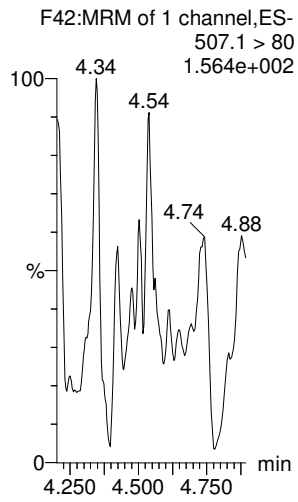

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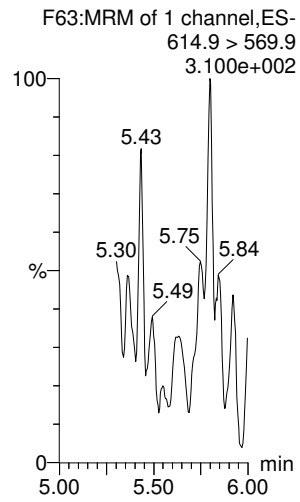

Vista Analytical Laboratory

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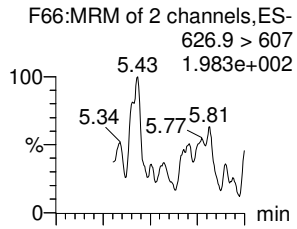
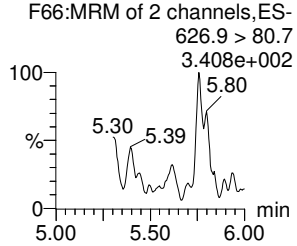
Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

10:2 FTS





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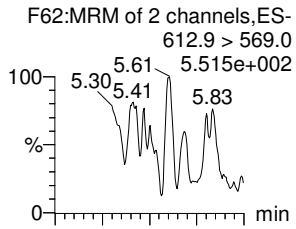

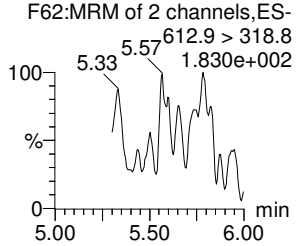

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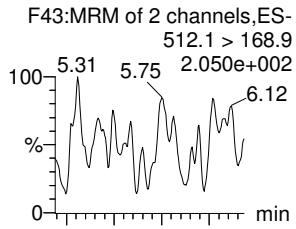

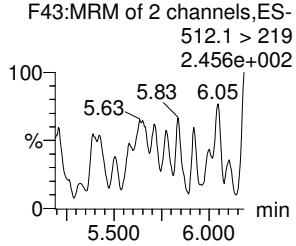

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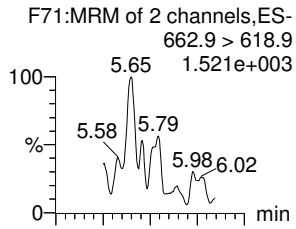

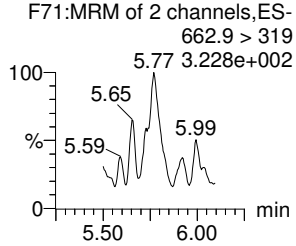

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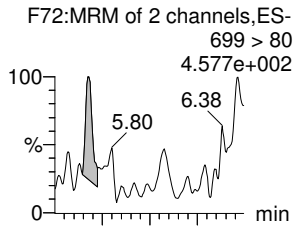

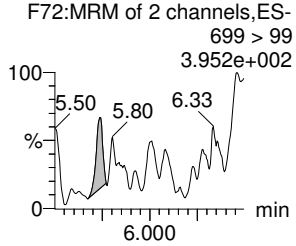

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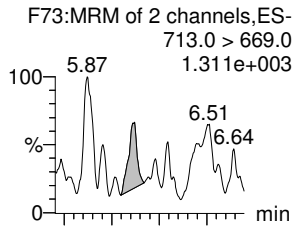

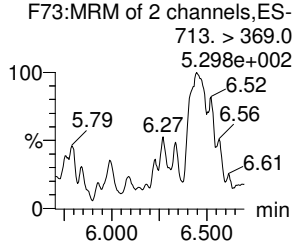

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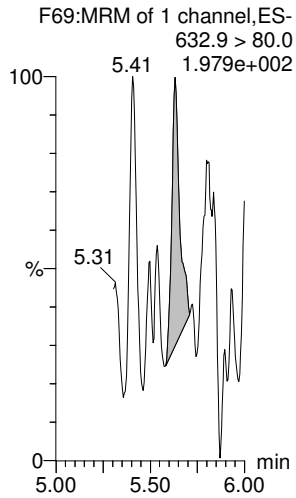

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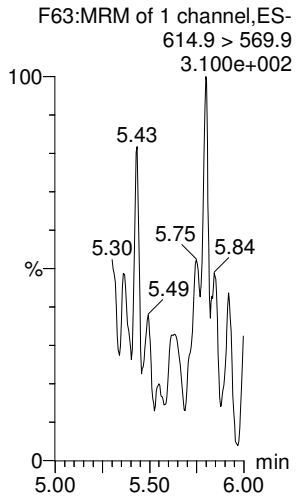
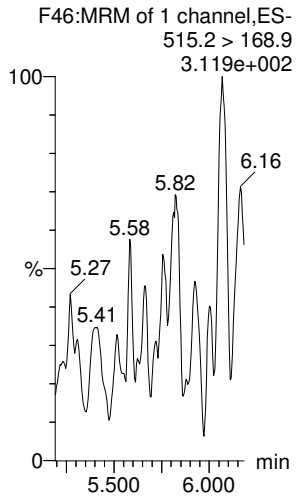


d3-N-MeFOSA-EIS



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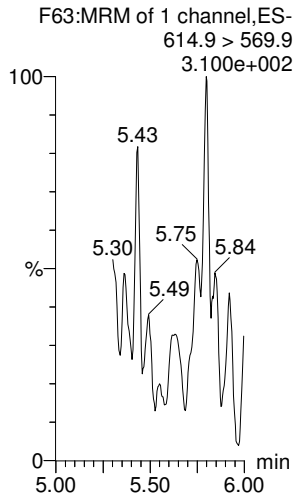

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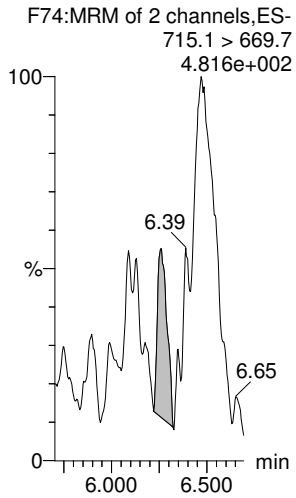

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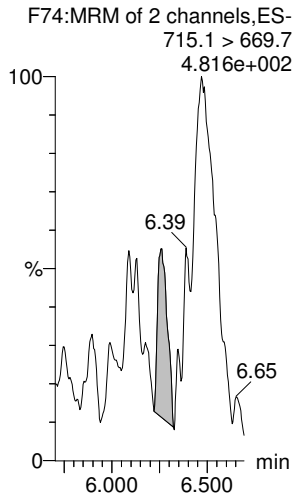

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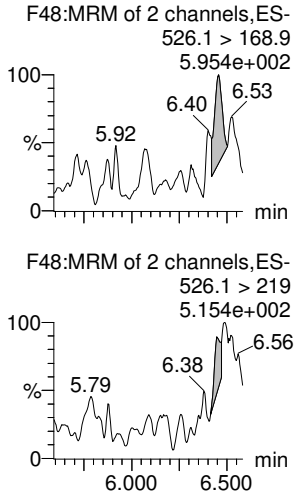
Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

N-EtFOSA



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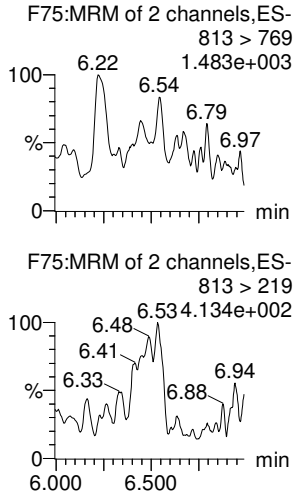

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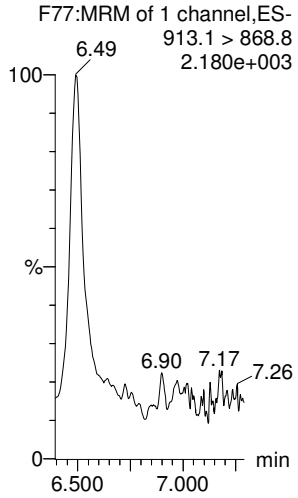

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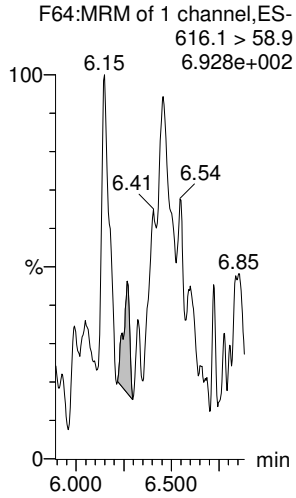

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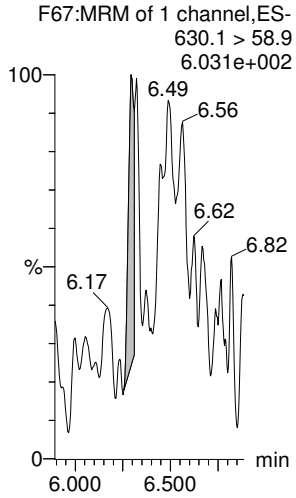

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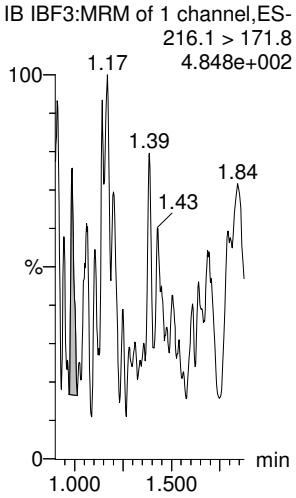
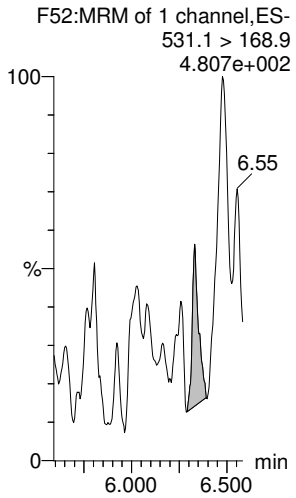


d5-N-ETFOSA-EIS



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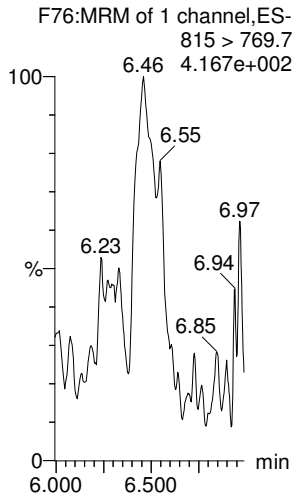

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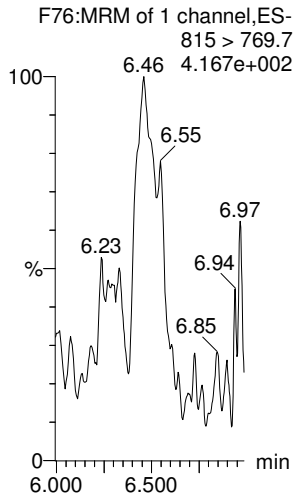

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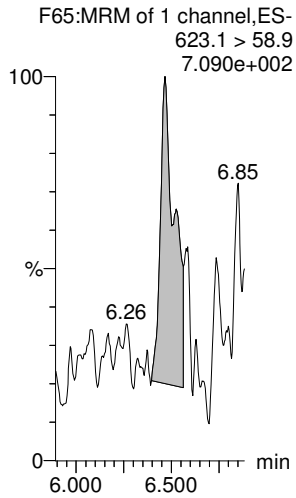
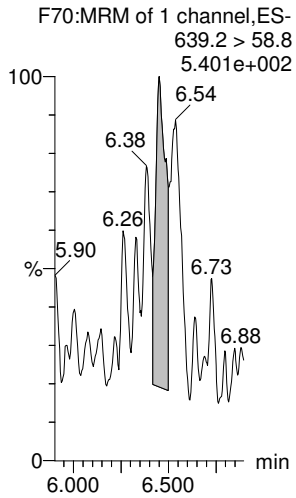
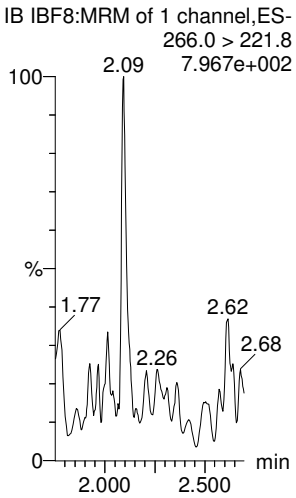


d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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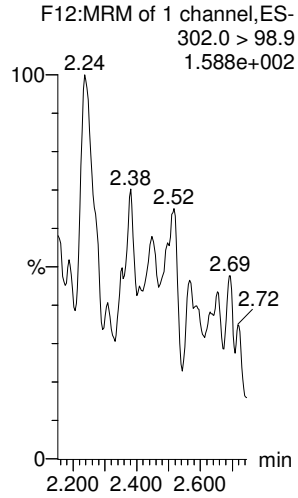
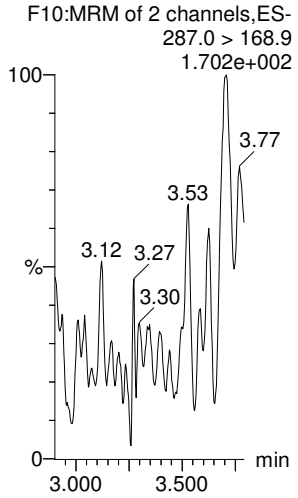
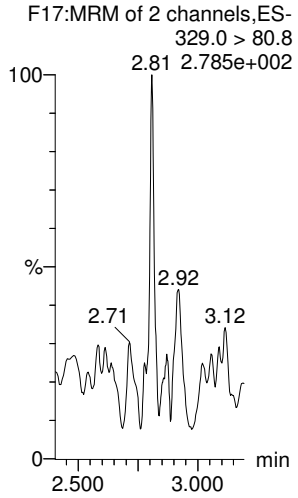
13C3-PFBS-RSD



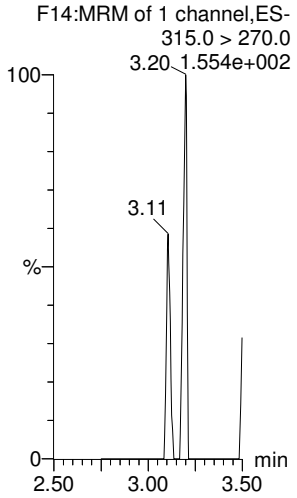
13C3-HFPO-DA-RSD



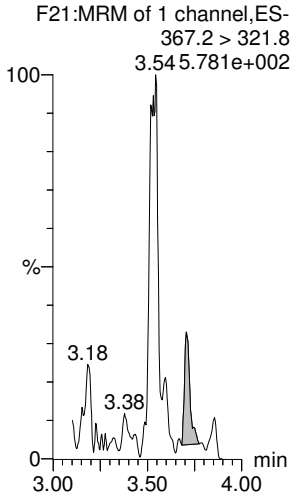
13C2-4:2 FTS-RSD



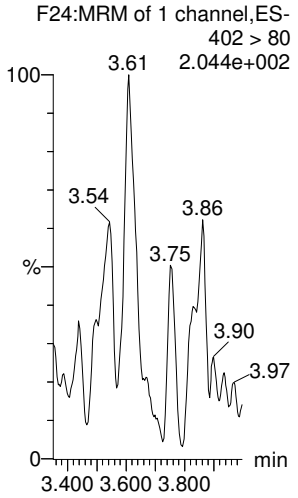
13C2-PFHxA-RSD



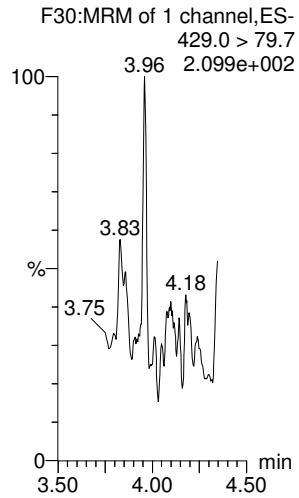
13C4-PFHpA-RSD



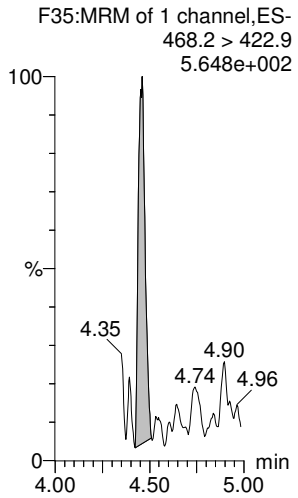
13C3-PFHxS-RSD



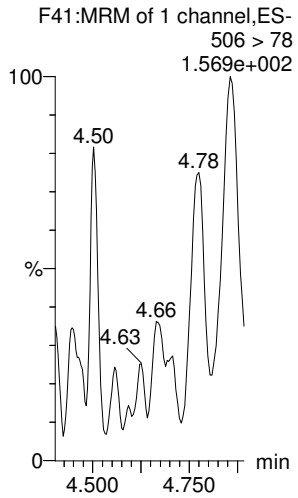
13C2-6:2 FTS-RSD



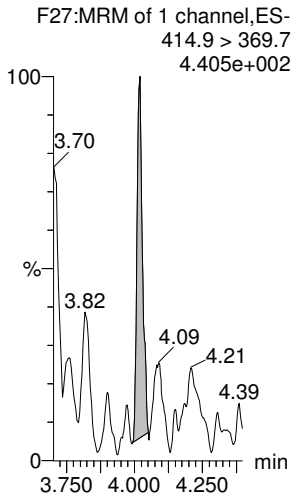
13C5-PFNA-RSD



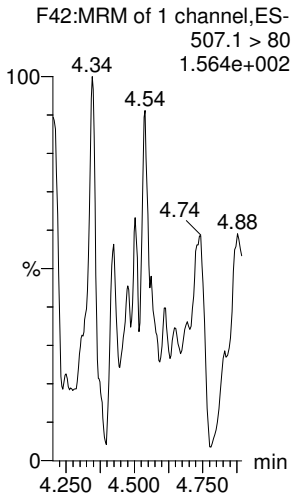
13C8-PFOSA-RSD



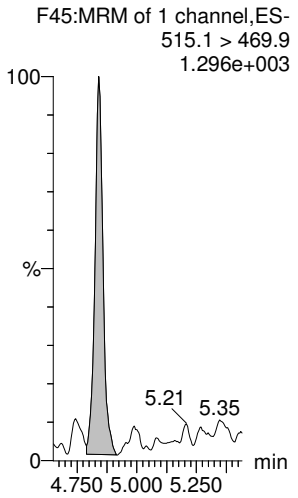
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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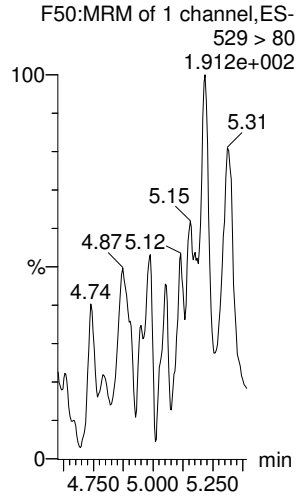
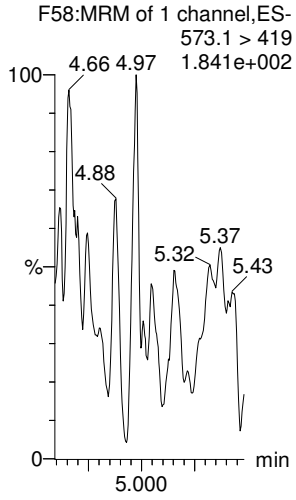
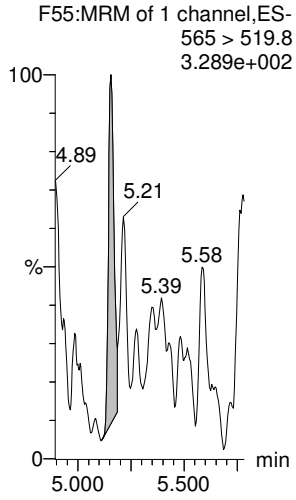
13C2-8:2 FTS-RSD



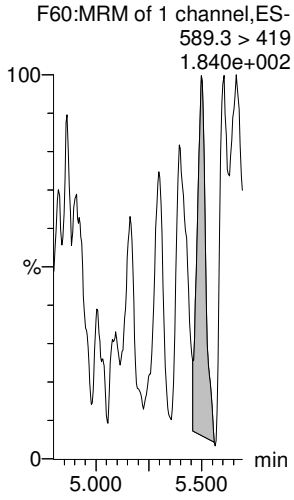
d3-N-MeFOSAA-RSD



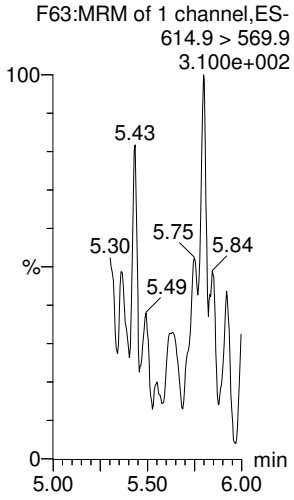
13C2-PFUdA-RSD



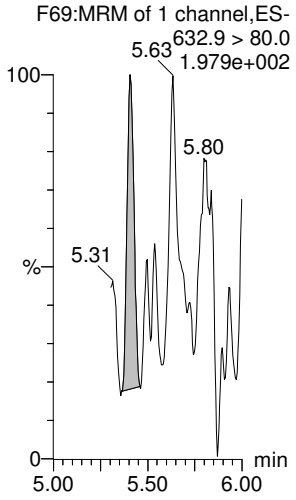
d5-N-EtFOSAA-RSD



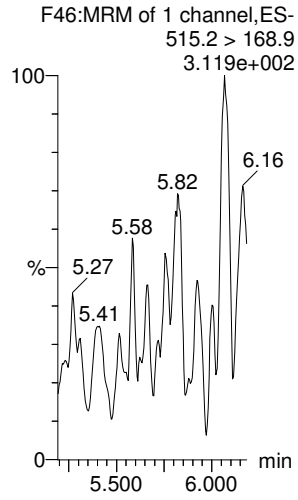
13C2-PFDoA-RSD



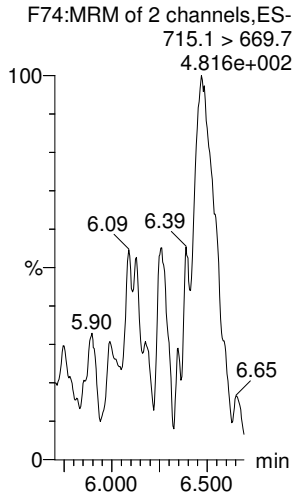
13C2-10:2 FTS-RSD



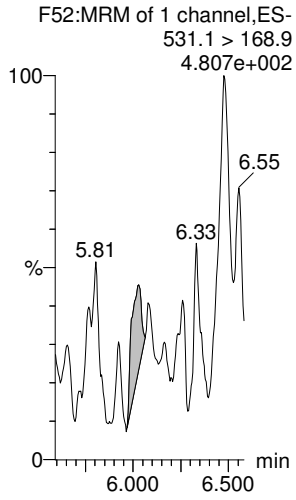
d3-N-MeFOSA-RSD



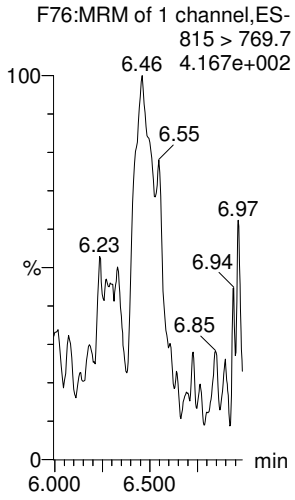
13C2-PFTeDA-RSD



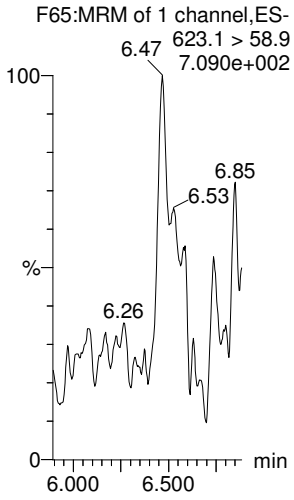
d5-N-ETFOSA-RSD



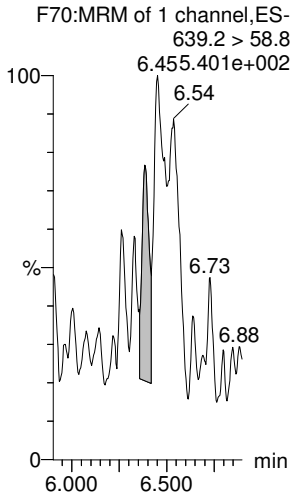
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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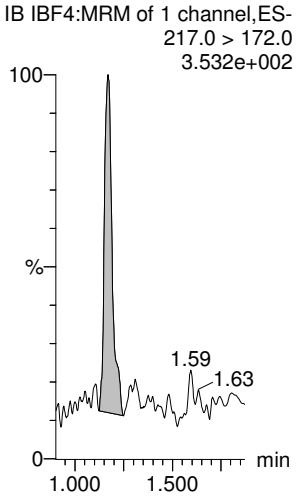
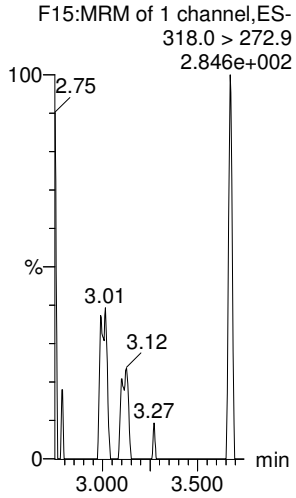
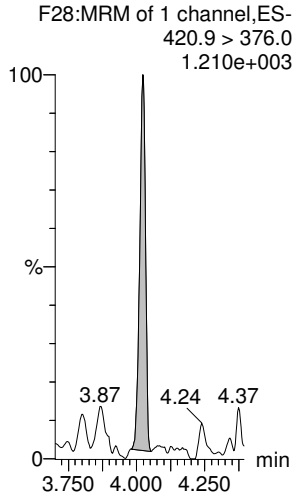
13C4-PFBA



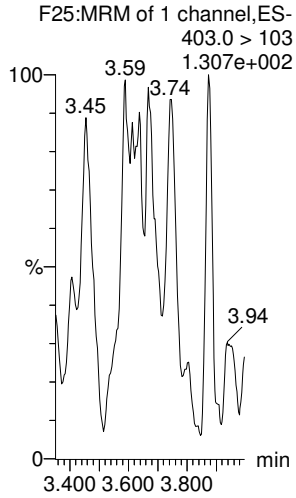
13C5-PFHxA



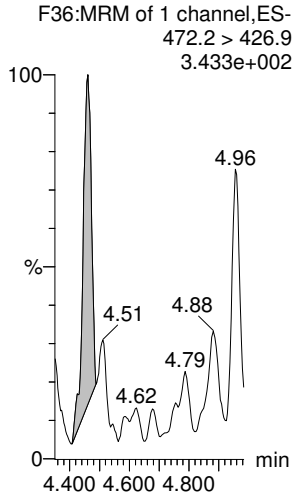
13C8-PFOA



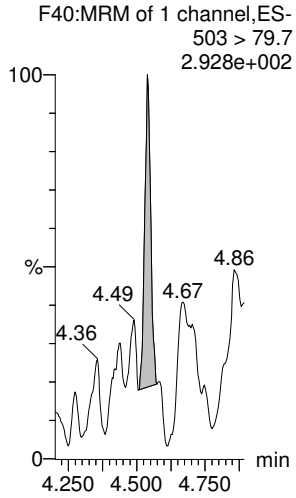
18O2-PFHxS



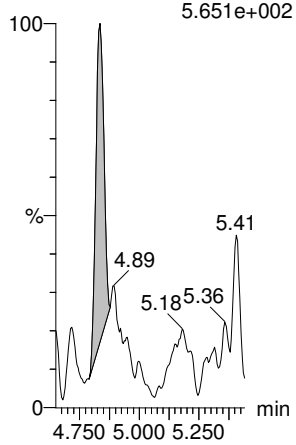
13C9-PFNA



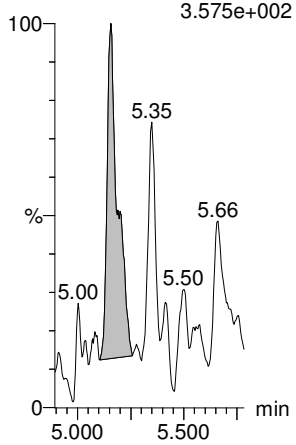
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	8.178	5.193	1.00	0.99	19.685		19.3		NO		
2	2	PFPrS	249 > 80			1.00						NO		YES
3	3	3:3 FTCA	240.9 > 176.9		19.504	1.00						NO		YES
4	4	PFPeA	263.1 > 218.9	7.761	19.504	1.00	2.33	4.974		5.62		NO		
5	5	PFBS	299.0 > 80			1.00						NO		YES
6	6	4:2 FTS	326.9 > 306.9			1.00						NO		YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	5.193		1.00	0.99	5.193	12.500	0.0166	0.1	YES		
8	51	13C3-PFBS-EIS	302.0 > 98.9			1.00			12.500			NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	19.504		1.00	2.09	19.504	12.500	0.0261	0.2	YES		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	19.504		1.00	2.09	19.504	12.500	0.0261	0.2	YES		
11	51	13C3-PFBS-EIS	302.0 > 98.9			1.00			12.500			NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8			1.00			12.500			NO		
13	-1													
14	7	PFHxA	313.0 > 269.0			1.00						NO		YES
15	8	PFPeS	349.>80			1.00						NO		YES
16	9	HFPO-DA	285.1 > 168.9		5.422	1.00						NO		YES
17	10	5:3 FTCA	340.9 > 236.9		5.579	1.00						NO		YES
18	11	PFHpA	363.0 > 319	32.487	5.579	1.00	3.52	72.789		58.1		NO		YES
19	12	ADONA	376.8 > 250.9	6.657	5.579	1.00	3.66	14.915		6.68		NO		YES
20	57	13C2-PFHxA-EIS	315.0 > 270.0			1.00			12.500			NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9			1.00			12.500			NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	5.422		1.00	3.71	5.422	12.500	0.0324	0.3	YES		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5.579		1.00	3.71	5.579	12.500	0.00700	0.1	YES		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5.579		1.00	3.71	5.579	12.500	0.00700	0.1	YES		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5.579		1.00	3.71	5.579	12.500	0.00700	0.1	YES		
26	-1													
27	13	L-PFHxS	399 > 79.9		6.345	1.00						NO		YES
28	15	6:2 FTS	427.0 > 407			1.00						NO		YES
29	16	L-PFOA	413 > 369	8.735	9.739	1.00	4.01	11.211		11.8		NO	1.573	YES
30	18	PFecHS	461 > 381.0		9.739	1.00						NO		YES
31	19	PFHpS	449.0 > 80			1.00						NO		YES
32	20	7:3 FTCA	440.9 > 336.9	5.136	21.774	1.00	4.40	2.948		11.6		NO		YES
33	61	13C3-PFHxS-EIS	402 > 80	6.345		1.00	3.61	6.345	12.500	0.0382	0.3	YES		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7			1.00			12.500			NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	9.739		1.00	4.02	9.739	12.500	0.00969	0.1	YES		
36	69	13C2-PFOA-EIS	414.9 > 369.7	9.739		1.00	4.02	9.739	12.500	0.00969	0.1	YES		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80			1.00			12.500			NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	21.774		1.00	4.46	21.774	12.500	0.0233	0.2	YES		
39	-1													
40	21	PFNA	463.0 > 418.8	24.017	21.774	1.00	4.42	13.788		12.1		NO		YES
41	22	PFOSA	498 > 78			1.00						NO		YES
42	23	L-PFOS	499 > 80			1.00						NO		YES
43	25	9Cl-PF30NS	531 > 351			1.00						NO		YES
44	26	PFDA	513 > 469	71.810	50.726	1.00	4.80	17.696		19.6		NO		YES
45	27	8:2 FTS	527.1 > 507			1.00						NO		YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	21.774		1.00	4.46	21.774	12.500	0.0233	0.2	YES		
47	67	13C8-PFOSA-EIS	506 > 78			1.00			12.500			NO		
48	71	13C8-PFOS-EIS	507.1 > 80			1.00			12.500			NO		
49	71	13C8-PFOS-EIS	507.1 > 80			1.00			12.500			NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	50.726		1.00	4.84	50.726	12.500	0.0453	0.4	YES		
51	75	13C2-8:2 FTS-EIS	529 > 80			1.00			12.500			NO		
52	-1													
53	28	PFNS	549 > 80			1.00						NO		YES
54	29	L-MeFOSAA	570 > 419			1.00						NO		YES
55	31	L-EtFOSAA	584 > 419	5.034	8.103	1.00	5.39	7.766		3.67		NO		YES
56	33	PFUdA	563.0 > 519	7.194	9.089	1.00	5.13	9.894		10.6		NO		YES
57	34	PFDS	599.1 > 80.0			1.00						NO		YES
58	35	11Cl-PF30UdS	631 > 451			1.00						NO		YES
59	71	13C8-PFOS-EIS	507.1 > 80			1.00			12.500			NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419			1.00			12.500			NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	8.103		1.00	5.50	8.103	12.500	0.0452	0.4	YES		
62	79	13C2-PFUdA-EIS	565 > 519.8	9.089		1.00	5.16	9.089	12.500	0.00757	0.1	YES		
63	71	13C8-PFOS-EIS	507.1 > 80			1.00			12.500			NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9			1.00			12.500			NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		6.732	1.00						NO		YES
67	37	PFDoA	612.9 > 569.0			1.00						NO		YES
68	38	N-MeFOSA	512.1 > 168.9			1.00						NO		YES
69	39	PFTrDA	662.9 > 618.9			1.00						NO		YES
70	40	PFDoS	699 > 80	14.031	12.366	1.00	5.67	14.183		77.1		NO	1.702	NO
71	41	PFTeDA	713.0 > 669.0	33.112	12.366	1.00	6.12	33.471		51.8		NO		YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	6.732		1.00	5.63	6.732	12.500	0.0976	0.8	YES		

Dataset: Untitled

Last Altered: Wednesday, June 10, 2020 10:40:59 Pacific Daylight Time
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Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9			1.00			12.500			NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9			1.00			149.200			NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9			1.00			12.500			NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	12.366		1.00	6.26	12.366	12.500	0.0107	0.1	YES		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	12.366		1.00	6.26	12.366	12.500	0.0107	0.1	YES		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	17.929	7.639	1.00	6.46	350.178		313		NO	2.395	NO
80	43	PFHxDA	813 > 769			1.00						NO		YES
81	44	PFODA	913.1 > 868.8			1.00						NO		
82	45	N-MeFOSE	616.1 > 58.9	7.749	48.621	1.00	6.27	23.779		21.0		NO		
83	46	N-EtFOSE	630.1 > 58.9	14.303	26.542	1.00	6.29	80.401		73.5		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	5.193	13.999	1.00	0.99	4.637	12.500	5.23	41.8	YES		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	7.639		1.00	6.33	7.639	149.200	0.0648	0.0	YES		
86	93	13C2-PFHxDA-EIS	815 > 769.7			1.00			12.500			NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7			1.00			12.500			NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	48.621		1.00	6.47	48.621	149.200	0.503	0.3	YES		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	26.542		1.00	6.45	26.542	149.200	0.241	0.2	YES		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5.579		1.00	3.71		12.500			NO		
97	62	13C3-PFHxS-RSD	402 > 80			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7		5.831	1.00			12.500			NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	21.774	9.397	1.00	4.46	28.964	12.500	30.0	240.1	YES		
100	68	13C8-PFOSA-RSD	506 > 78		17.921	1.00			12.500			NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	9.739	28.852	1.00	4.02	4.219	12.500	3.53	28.2	YES		
102	72	13C8-PFOS-RSD	507.1 > 80		5.831	1.00			12.500			NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	50.726	18.687	1.00	4.84	33.931	12.500	29.1	232.5	YES		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80		5.831	1.00			12.500			NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419		17.921	1.00			12.500			NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	9.089	17.921	1.00	5.16	6.340	12.500	4.65	37.2	YES		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	8.103	17.921	1.00	5.50	5.652	12.500	27.8	222.4	YES		

Dataset: Untitled

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Name: 200609P1-15, Date: 09-Jun-2020, Time: 15:40:42, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9		18.687	1.00			12.500			NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	6.738	5.831	1.00	5.41	14.444	12.500	40.7	326.0	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9		17.921	1.00			149.200			NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7		17.921	1.00			12.500			NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	6.844	17.921	1.00	6.03	4.774	149.200	35.6	23.9	YES		
114	94	13C2-PFHxDA-RSD	815 > 769.7		17.921	1.00			12.500			NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9		17.921	1.00			149.200			NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	12.670	17.921	1.00	6.38	8.837	149.200	70.4	47.2	YES		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	13.999	13.999	1.00	1.17	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0	28.852	28.852	1.00	4.02	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9	9.397	9.397	1.00	4.46	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	5.831	5.831	1.00	4.54	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	18.687	18.687	1.00	4.84	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	17.921	17.921	1.00	5.16	12.500	12.500	12.5	100.0	NO		

Low points
PFOS: 0.5
EtFOSAA
10:2FTS
PFDoS

High points
3:3FTCA 100
5:3FTCA
7:3FTCA
HFPO-DA 250
8:2FTS

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:58:24
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

6/12/2020

Compound name: PFBA
Correlation coefficient: r = 0.999320, r^2 = 0.998640
Calibration curve: 1.01322 * x + 0.0407249
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	1.14	96.407	3801.598	0.317	0.3	9.1	NO	0.999	NO	MM
2	2 200612P1-6	Standard	0.500	1.13	158.229	4038.310	0.490	0.4	-11.4	NO	0.999	NO	MM
3	3 200612P1-7	Standard	1.000	1.14	325.303	4084.622	0.996	0.9	-5.8	NO	0.999	NO	bb
4	4 200612P1-8	Standard	2.000	1.14	702.035	4230.748	2.074	2.0	0.3	NO	0.999	NO	MM
5	5 200612P1-9	Standard	5.000	1.14	1699.520	4142.564	5.128	5.0	0.4	NO	0.999	NO	bb
6	6 200612P1-10	Standard	10.000	1.14	3541.965	4137.293	10.701	10.5	5.2	NO	0.999	NO	bb
7	7 200612P1-11	Standard	50.000	1.13	17160.410	4226.653	50.751	50.0	0.1	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	1.14	36548.691	4252.486	107.433	106.0	6.0	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	1.14	85485.859	4459.796	239.601	236.4	-5.4	NO	0.999	NO	bb
10	10 200612P1-14	Standard	500.000	1.13	181360.094	4412.147	513.809	507.1	1.4	NO	0.999	NO	bb

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.998317
Calibration curve: 0.000361649 * x^2 + 0.841664 * x + -0.0215444
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	1.46	13.507	996.180	0.169	0.2	-9.2	NO	0.998	NO	bb
2	2 200612P1-6	Standard	0.500	1.47	30.293	953.927	0.397	0.5	-0.6	NO	0.998	NO	MM
3	3 200612P1-7	Standard	1.000	1.45	62.207	1054.585	0.737	0.9	-9.9	NO	0.998	NO	MM
4	4 200612P1-8	Standard	2.000	1.46	129.631	1032.224	1.570	1.9	-5.5	NO	0.998	NO	bb
5	5 200612P1-9	Standard	5.000	1.46	362.543	1073.276	4.222	5.0	0.6	NO	0.998	NO	MM
6	6 200612P1-10	Standard	10.000	1.47	754.048	1023.684	9.208	10.9	9.1	NO	0.998	NO	MM
7	7 200612P1-11	Standard	50.000	1.46	3604.791	1027.520	43.853	51.0	2.0	NO	0.998	NO	MM
8	8 200612P1-12	Standard	100.000	1.46	7848.298	1034.318	94.849	107.7	7.7	NO	0.998	NO	MM
9	9 200612P1-13	Standard	250.000	1.46	18840.861	1075.969	218.882	236.1	-5.5	NO	0.998	NO	MM
10	10 200612P1-14	Standard	500.000	1.46	38805.297	938.670	516.759	504.6	0.9	NO	0.998	NO	bb

OR 06/26/20

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Compound name: 3:3 FTCA
Correlation coefficient: r = 0.999118, r^2 = 0.998236
Calibration curve: 0.128742 * x + -0.00690084
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	1.90	10.443	7546.033	0.017	0.2	-24.8	NO	0.998	NO	bb
2	2	200612P1-6	Standard	0.500	1.92	40.030	7602.263	0.066	0.6	13.0	NO	0.998	NO	bb
3	3	200612P1-7	Standard	1.000	1.93	71.440	8111.728	0.110	0.9	-9.1	NO	0.998	NO	bb
4	4	200612P1-8	Standard	2.000	1.92	165.702	8098.784	0.256	2.0	2.0	NO	0.998	NO	MM
5	5	200612P1-9	Standard	5.000	1.93	405.212	8154.310	0.621	4.9	-2.4	NO	0.998	NO	bb
6	6	200612P1-10	Standard	10.000	1.93	885.554	8399.761	1.318	10.3	2.9	NO	0.998	NO	bb
7	7	200612P1-11	Standard	50.000	1.92	4057.987	8361.521	6.066	47.2	-5.7	NO	0.998	NO	bb
8	8	200612P1-12	Standard	100.000	1.93	8768.040	8293.299	13.216	102.7	2.7	NO	0.998	NO	bb
9	9	200612P1-13	Standard	250.000	1.93	4438.086	8935.478	6.209	48.3	-80.7	YES	0.998	NO	bbX
10	10	200612P1-14	Standard	500.000	1.92	9491.213	8702.601	13.633	105.9	-78.8	YES	0.998	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998958
Calibration curve: -1.48486e-005 * x^2 + 0.888126 * x + 0.0173688
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	2.07	127.785	7546.033	0.212	0.2	-12.5	NO	0.999	NO	MM
2	2	200612P1-6	Standard	0.500	2.06	301.037	7602.263	0.495	0.5	7.6	NO	0.999	NO	MM
3	3	200612P1-7	Standard	1.000	2.06	583.094	8111.728	0.899	1.0	-0.8	NO	0.999	NO	MM
4	4	200612P1-8	Standard	2.000	2.06	1167.413	8098.784	1.802	2.0	0.5	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	2.06	3019.861	8154.310	4.629	5.2	3.9	NO	0.999	NO	MM
6	6	200612P1-10	Standard	10.000	2.06	6417.262	8399.761	9.550	10.7	7.4	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	2.06	29498.441	8361.521	44.098	49.7	-0.6	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	2.06	62370.648	8293.299	94.008	106.0	6.0	NO	0.999	NO	db
9	9	200612P1-13	Standard	250.000	2.06	151177.016	8935.478	211.484	239.1	-4.4	NO	0.999	NO	MM
10	10	200612P1-14	Standard	500.000	2.06	309210.469	8702.601	444.135	504.3	0.9	NO	0.999	NO	MM

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Compound name: PFBS
Correlation coefficient: r = 0.998677, r^2 = 0.997356
Calibration curve: 2.61028 * x + -0.0565975
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	2.35	51.792	996.180	0.650	0.3	8.3	NO	0.997	NO	MM
2	2 200612P1-6	Standard	0.500	2.34	103.058	953.927	1.350	0.5	7.8	NO	0.997	NO	MM
3	3 200612P1-7	Standard	1.000	2.34	212.249	1054.585	2.516	1.0	-1.5	NO	0.997	NO	MM
4	4 200612P1-8	Standard	2.000	2.35	375.495	1032.224	4.547	1.8	-11.8	NO	0.997	NO	bb
5	5 200612P1-9	Standard	5.000	2.35	1077.364	1073.276	12.548	4.8	-3.4	NO	0.997	NO	bb
6	6 200612P1-10	Standard	10.000	2.34	2140.316	1023.684	26.135	10.0	0.3	NO	0.997	NO	bb
7	7 200612P1-11	Standard	50.000	2.34	10437.603	1027.520	126.976	48.7	-2.7	NO	0.997	NO	MM
8	8 200612P1-12	Standard	100.000	2.34	20908.129	1034.318	252.680	96.8	-3.2	NO	0.997	NO	bb
9	9 200612P1-13	Standard	250.000	2.34	52221.879	1075.969	606.684	232.4	-7.0	NO	0.997	NO	MM
10	10 200612P1-14	Standard	500.000	2.34	102393.602	938.670	1363.546	522.4	4.5	NO	0.997	NO	MM

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999653
Calibration curve: -0.000638161 * x^2 + 2.75849 * x + -0.071909
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	2.78	47.506	1251.425	0.475	0.2	-20.8	NO	1.000	NO	MM
2	2 200612P1-6	Standard	0.500	2.78	142.295	1293.345	1.375	0.5	4.9	NO	1.000	NO	MM
3	3 200612P1-7	Standard	1.000	2.78	287.392	1378.557	2.606	1.0	-2.9	NO	1.000	NO	bb
4	4 200612P1-8	Standard	2.000	2.78	564.031	1370.003	5.146	1.9	-5.4	NO	1.000	NO	MM
5	5 200612P1-9	Standard	5.000	2.79	1487.270	1323.310	14.049	5.1	2.5	NO	1.000	NO	bb
6	6 200612P1-10	Standard	10.000	2.78	3217.689	1289.558	31.190	11.4	13.6	NO	1.000	NO	bb
7	7 200612P1-11	Standard	50.000	2.78	13185.373	1245.443	132.336	48.5	-2.9	NO	1.000	NO	bb
8	8 200612P1-12	Standard	100.000	2.78	24302.744	1117.268	271.899	101.0	1.0	NO	1.000	NO	bb
9	9 200612P1-13	Standard	250.000	2.78	57714.285	1117.448	645.604	248.3	-0.7	NO	1.000	NO	bb
10	10 200612P1-14	Standard	500.000	2.78	100818.422	1031.726	1221.478	500.9	0.2	NO	1.000	NO	bb

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Compound name: PFHxA
Correlation coefficient: r = 0.999605, r^2 = 0.999210
Calibration curve: 1.01128 * x + 0.0940972
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	2.87	282.516	9530.614	0.371	0.3	9.3	NO	0.999	NO	MM
2	2 200612P1-6	Standard	0.500	2.86	500.219	10104.766	0.619	0.5	3.8	NO	0.999	NO	bb
3	3 200612P1-7	Standard	1.000	2.86	898.171	10355.063	1.084	1.0	-2.1	NO	0.999	NO	bb
4	4 200612P1-8	Standard	2.000	2.87	1865.462	10179.071	2.291	2.2	8.6	NO	0.999	NO	bb
5	5 200612P1-9	Standard	5.000	2.86	4671.482	10562.359	5.528	5.4	7.5	NO	0.999	NO	bb
6	6 200612P1-10	Standard	10.000	2.87	9814.671	11081.391	11.071	10.9	8.5	NO	0.999	NO	bb
7	7 200612P1-11	Standard	50.000	2.86	44913.000	11118.815	50.492	49.8	-0.3	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	2.86	85317.109	10044.870	106.170	104.9	4.9	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	2.86	222948.547	11422.186	243.986	241.2	-3.5	NO	0.999	NO	bb
10	10 200612P1-14	Standard	500.000	2.86	426765.188	10491.998	508.441	502.7	0.5	NO	0.999	NO	bb

Compound name: PFPeS
Correlation coefficient: r = 0.998718, r^2 = 0.997439
Calibration curve: 1.9862 * x + 0.182172
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	3.08	55.888	996.180	0.701	0.3	4.5	NO	0.997	NO	bb
2	2 200612P1-6	Standard	0.500	3.08	74.340	953.927	0.974	0.4	-20.3	NO	0.997	NO	bb
3	3 200612P1-7	Standard	1.000	3.08	165.625	1054.585	1.963	0.9	-10.3	NO	0.997	NO	bb
4	4 200612P1-8	Standard	2.000	3.08	399.265	1032.224	4.835	2.3	17.1	NO	0.997	NO	bb
5	5 200612P1-9	Standard	5.000	3.08	945.066	1073.276	11.007	5.4	9.0	NO	0.997	NO	bb
6	6 200612P1-10	Standard	10.000	3.08	2011.962	1023.684	24.568	12.3	22.8	NO	0.997	NO	bb
7	7 200612P1-11	Standard	50.000	3.08	9239.613	1027.520	112.402	56.5	13.0	NO	0.997	NO	bb
8	8 200612P1-12	Standard	100.000	3.08	17420.461	1034.318	210.531	105.9	5.9	NO	0.997	NO	bb
9	9 200612P1-13	Standard	250.000	3.08	41032.918	1075.969	476.697	239.9	-4.0	NO	0.997	NO	bb
10	10 200612P1-14	Standard	500.000	3.07	73814.719	938.670	982.970	494.8	-1.0	NO	0.997	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999384
Calibration curve: -0.000691835 * x^2 + 1.01495 * x + -0.0708075
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	3.09	18.443	1822.029	0.127	0.2	-22.2	NO	0.999	NO	bb
2	2 200612P1-6	Standard	0.500	3.09	69.398	1969.242	0.441	0.5	0.8	NO	0.999	NO	bb
3	3 200612P1-7	Standard	1.000	3.09	141.570	2003.239	0.883	0.9	-5.9	NO	0.999	NO	bb
4	4 200612P1-8	Standard	2.000	3.09	305.024	1990.446	1.916	2.0	-2.0	NO	0.999	NO	bb
5	5 200612P1-9	Standard	5.000	3.09	734.925	1867.923	4.918	4.9	-1.4	NO	0.999	NO	bb
6	6 200612P1-10	Standard	10.000	3.09	1679.664	2001.141	10.492	10.5	4.8	NO	0.999	NO	bb
7	7 200612P1-11	Standard	50.000	3.09	7826.550	2086.352	46.891	47.8	-4.3	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	3.09	15231.404	1966.042	96.841	102.7	2.7	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	3.09	39778.230	2369.040	209.886	249.2	-0.3	NO	0.999	NO	bb
10	10 200612P1-14	Standard	500.000	3.08	73178.508	1953.971	468.140			NO	0.999	NO	bbXI

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999107
Calibration curve: 0.000177954 * x^2 + 0.234407 * x + 0.00797977
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	3.44	44.743	8778.732	0.064	0.2	-4.9	NO	0.999	NO	bb
2	2 200612P1-6	Standard	0.500	3.43	84.951	8973.626	0.118	0.5	-5.9	NO	0.999	NO	bb
3	3 200612P1-7	Standard	1.000	3.43	178.895	9403.503	0.238	1.0	-2.0	NO	0.999	NO	bb
4	4 200612P1-8	Standard	2.000	3.43	371.116	9215.365	0.503	2.1	5.5	NO	0.999	NO	bb
5	5 200612P1-9	Standard	5.000	3.44	944.782	9851.305	1.199	5.1	1.2	NO	0.999	NO	bb
6	6 200612P1-10	Standard	10.000	3.43	1999.511	9693.422	2.578	10.9	8.8	NO	0.999	NO	bb
7	7 200612P1-11	Standard	50.000	3.43	8948.358	9520.598	11.749	48.3	-3.4	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	3.43	18124.178	8912.883	25.419	100.7	0.7	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	3.43	9826.133	9817.893	12.510	51.3	-79.5	YES	0.999	NO	bbX
10	10 200612P1-14	Standard	500.000	3.43	20339.348	8757.340	29.032	114.0	-77.2	YES	0.999	NO	bbX

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Compound name: PFHpA
Correlation coefficient: r = 0.999736, r^2 = 0.999471
Calibration curve: 1.27704 * x + 0.130575
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	3.49	277.183	8778.732	0.395	0.2	-17.3	NO	0.999	NO	bb
2	2	200612P1-6	Standard	0.500	3.49	539.882	8973.626	0.752	0.5	-2.7	NO	0.999	NO	bb
3	3	200612P1-7	Standard	1.000	3.49	1105.409	9403.503	1.469	1.0	4.8	NO	0.999	NO	bb
4	4	200612P1-8	Standard	2.000	3.49	2020.450	9215.365	2.741	2.0	2.2	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	3.49	5265.931	9851.305	6.682	5.1	2.6	NO	0.999	NO	bb
6	6	200612P1-10	Standard	10.000	3.49	10860.829	9693.422	14.005	10.9	8.6	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	3.49	48860.539	9520.598	64.151	50.1	0.3	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	3.49	94722.141	8912.883	132.844	103.9	3.9	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	3.49	243351.453	9817.893	309.832	242.5	-3.0	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	3.49	449580.625	8757.340	641.720	502.4	0.5	NO	0.999	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.998785
Calibration curve: -0.000277721 * x^2 + 2.30651 * x + 0.0367997
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	3.60	361.637	8778.732	0.515	0.2	-17.1	NO	0.999	NO	bb
2	2	200612P1-6	Standard	0.500	3.60	738.789	8973.626	1.029	0.4	-14.0	NO	0.999	NO	bb
3	3	200612P1-7	Standard	1.000	3.60	1917.115	9403.503	2.548	1.1	8.9	NO	0.999	NO	bb
4	4	200612P1-8	Standard	2.000	3.60	3622.588	9215.365	4.914	2.1	5.7	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	3.60	9812.741	9851.305	12.451	5.4	7.7	NO	0.999	NO	bb
6	6	200612P1-10	Standard	10.000	3.60	19054.111	9693.422	24.571	10.7	6.5	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	3.60	87444.977	9520.598	114.810	50.1	0.1	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	3.60	171973.547	8912.883	241.187	105.9	5.9	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	3.60	418397.688	9817.893	532.698	237.7	-4.9	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	3.60	766763.875	8757.340	1094.459	505.2	1.0	NO	0.999	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998944
Calibration curve: 9.31005e-005 * x^2 + 1.036 * x + 0.0342325
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	3.64	43.404	2166.995	0.250	0.2	-16.6	NO	0.999	NO	MM
2	2	200612P1-6	Standard	0.500	3.64	84.050	2173.687	0.483	0.4	-13.3	NO	0.999	NO	MM
3	3	200612P1-7	Standard	1.000	3.64	209.164	2219.091	1.178	1.1	10.4	NO	0.999	NO	MM
4	4	200612P1-8	Standard	2.000	3.64	418.702	2344.761	2.232	2.1	6.1	NO	0.999	NO	MM
5	5	200612P1-9	Standard	5.000	3.64	950.842	2261.265	5.256	5.0	0.8	NO	0.999	NO	MM
6	6	200612P1-10	Standard	10.000	3.64	2038.642	2239.346	11.380	10.9	9.4	NO	0.999	NO	MM
7	7	200612P1-11	Standard	50.000	3.64	9681.501	2279.161	53.098	51.0	2.0	NO	0.999	NO	MM
8	8	200612P1-12	Standard	100.000	3.64	18134.469	2064.783	109.784	104.9	4.9	NO	0.999	NO	MM
9	9	200612P1-13	Standard	250.000	3.64	44413.539	2199.439	252.414	238.5	-4.6	NO	0.999	NO	MM
10	10	200612P1-14	Standard	500.000	3.63	82653.008	1890.984	546.362	504.5	0.9	NO	0.999	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.997790
Calibration curve: -0.000360165 * x^2 + 1.14254 * x + 0.00791015
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	3.94	32.359	1527.589	0.265	0.2	-10.1	NO	0.998	NO	bb
2	2	200612P1-6	Standard	0.500	3.95	65.152	1459.457	0.558	0.5	-3.7	NO	0.998	NO	bb
3	3	200612P1-7	Standard	1.000	3.94	142.803	1529.516	1.167	1.0	1.5	NO	0.998	NO	bb
4	4	200612P1-8	Standard	2.000	3.94	257.025	1566.205	2.051	1.8	-10.5	NO	0.998	NO	bb
5	5	200612P1-9	Standard	5.000	3.94	792.408	1570.198	6.308	5.5	10.5	NO	0.998	NO	bb
6	6	200612P1-10	Standard	10.000	3.94	1617.512	1525.964	13.250	11.6	16.3	NO	0.998	NO	bb
7	7	200612P1-11	Standard	50.000	3.94	6633.429	1553.923	53.360	47.4	-5.2	NO	0.998	NO	bb
8	8	200612P1-12	Standard	100.000	3.94	12333.388	1292.119	119.314	108.1	8.1	NO	0.998	NO	bb
9	9	200612P1-13	Standard	250.000	3.94	27669.078	1382.400	250.191	236.6	-5.4	NO	0.998	NO	bb
10	10	200612P1-14	Standard	500.000	3.93	50363.125	1294.762	486.220	506.4	1.3	NO	0.998	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999247
Calibration curve: 2.41256e-006 * x^2 + 0.967258 * x + 0.059593
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.00	256.415	11198.054	0.286	0.2	-6.3	NO	0.999	NO	bb
2	2	200612P1-6	Standard	0.500	3.99	521.603	11599.387	0.562	0.5	3.9	NO	0.999	NO	bb
3	3	200612P1-7	Standard	1.000	4.00	1026.540	12133.400	1.058	1.0	3.2	NO	0.999	NO	bb
4	4	200612P1-8	Standard	2.000	4.00	2054.984	12253.402	2.096	2.1	5.3	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	4.00	5046.638	12132.162	5.200	5.3	6.3	NO	0.999	NO	bb
6	6	200612P1-10	Standard	10.000	4.00	10563.520	12259.918	10.770	11.1	10.7	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	4.00	48541.613	12396.612	48.946	50.5	1.1	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	4.00	90849.477	11332.890	100.206	103.5	3.5	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	4.00	225727.484	12122.794	232.751	240.4	-3.8	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	3.99	406852.781	10417.729	488.174	504.0	0.8	NO	0.999	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999457
Calibration curve: 1.12639e-005 * x^2 + 0.190293 * x + -0.00849292
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.02	27.540	11198.054	0.031	0.2	-17.5	NO	0.999	NO	MM
2	2	200612P1-6	Standard	0.500	4.02	70.743	11599.387	0.076	0.4	-11.0	NO	0.999	NO	MM
3	3	200612P1-7	Standard	1.000	4.02	181.301	12133.400	0.187	1.0	2.6	NO	0.999	NO	bb
4	4	200612P1-8	Standard	2.000	4.02	362.920	12253.402	0.370	2.0	-0.5	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	4.01	930.987	12132.162	0.959	5.1	1.7	NO	0.999	NO	bb
6	6	200612P1-10	Standard	10.000	4.01	1934.832	12259.918	1.973	10.4	4.0	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	4.01	9607.365	12396.612	9.687	50.8	1.6	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	4.01	18020.008	11332.890	19.876	103.9	3.9	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	4.01	45246.246	12122.794	46.654	241.8	-3.3	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	4.01	82171.828	10417.729	98.596	503.2	0.6	NO	0.999	NO	bb

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999077
Calibration curve: -9.92156e-005 * x^2 + 0.964609 * x + -0.191397
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	4.12	12.385	1729.409	0.090	0.3	16.5	NO	0.999	NO	bb
2	2 200612P1-6	Standard	0.500	4.11	26.160	1990.891	0.164	0.4	-26.3	NO	0.999	NO	bb
3	3 200612P1-7	Standard	1.000	4.11	155.988	2218.822	0.879	1.1	11.0	NO	0.999	NO	bb
4	4 200612P1-8	Standard	2.000	4.12	338.254	2284.367	1.851	2.1	5.9	NO	0.999	NO	bb
5	5 200612P1-9	Standard	5.000	4.11	659.366	2125.048	3.879	4.2	-15.6	NO	0.999	NO	bb
6	6 200612P1-10	Standard	10.000	4.12	1816.067	2209.868	10.272	10.9	8.6	NO	0.999	NO	bb
7	7 200612P1-11	Standard	50.000	4.11	8277.486	2247.290	46.041	48.2	-3.7	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	4.11	16764.676	2083.083	100.600	105.6	5.6	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	4.11	39244.742	2142.244	228.993	243.7	-2.5	NO	0.999	NO	bb
10	10 200612P1-14	Standard	500.000	4.11	66463.781	1808.859	459.294	502.3	0.5	NO	0.999	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998021
Calibration curve: 0.000195735 * x^2 + 0.244985 * x + -0.012101
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	4.42	36.953	9498.060	0.049	0.2	-0.9	NO	0.998	NO	bb
2	2 200612P1-6	Standard	0.500	4.43	87.922	10022.550	0.110	0.5	-0.6	NO	0.998	NO	MM
3	3 200612P1-7	Standard	1.000	4.42	182.652	10741.435	0.213	0.9	-8.4	NO	0.998	NO	bb
4	4 200612P1-8	Standard	2.000	4.42	370.605	10205.442	0.454	1.9	-5.0	NO	0.998	NO	bb
5	5 200612P1-9	Standard	5.000	4.42	1076.931	10495.478	1.283	5.3	5.3	NO	0.998	NO	bb
6	6 200612P1-10	Standard	10.000	4.43	2476.905	11090.511	2.792	11.3	13.4	NO	0.998	NO	bb
7	7 200612P1-11	Standard	50.000	4.42	11061.386	11433.670	12.093	47.6	-4.8	NO	0.998	NO	bb
8	8 200612P1-12	Standard	100.000	4.42	21408.354	10013.456	26.724	101.0	1.0	NO	0.998	NO	bb
9	9 200612P1-13	Standard	250.000	4.42	11547.050	10919.563	13.218	51.9	-79.3	YES	0.998	NO	bbX
10	10 200612P1-14	Standard	500.000	4.42	22531.010	9611.566	29.302	110.0	-78.0	YES	0.998	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999147
Calibration curve: -3.68804e-005 * x^2 + 1.18192 * x + 0.133932
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.45	333.278	9498.060	0.439	0.3	3.1	NO	0.999	NO	db
2	2	200612P1-6	Standard	0.500	4.45	490.249	10022.550	0.611	0.4	-19.2	NO	0.999	NO	bb
3	3	200612P1-7	Standard	1.000	4.44	1107.599	10741.435	1.289	1.0	-2.3	NO	0.999	NO	MM
4	4	200612P1-8	Standard	2.000	4.44	2177.730	10205.442	2.667	2.1	7.2	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	4.45	5228.369	10495.478	6.227	5.2	3.1	NO	0.999	NO	bb
6	6	200612P1-10	Standard	10.000	4.45	11566.752	11090.511	13.037	10.9	9.2	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	4.45	51700.227	11433.670	56.522	47.8	-4.4	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	4.44	99825.391	10013.456	124.614	105.7	5.7	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	4.45	248787.047	10919.563	284.795	242.7	-2.9	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	4.44	449850.625	9611.566	585.038	502.8	0.6	NO	0.999	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.997710
Calibration curve: 1.40538e-005 * x^2 + 0.653448 * x + -0.00586909
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.49	31.938	3493.298	0.114	0.2	-26.5	NO	0.998	NO	bb
2	2	200612P1-6	Standard	0.500	4.50	111.811	3581.990	0.390	0.6	21.2	NO	0.998	NO	bb
3	3	200612P1-7	Standard	1.000	4.49	208.789	3648.952	0.715	1.1	10.4	NO	0.998	NO	db
4	4	200612P1-8	Standard	2.000	4.49	357.743	3826.661	1.169	1.8	-10.1	NO	0.998	NO	bb
5	5	200612P1-9	Standard	5.000	4.49	1065.193	3685.017	3.613	5.5	10.8	NO	0.998	NO	bb
6	6	200612P1-10	Standard	10.000	4.49	1875.809	3958.161	5.924	9.1	-9.3	NO	0.998	NO	bb
7	7	200612P1-11	Standard	50.000	4.49	9800.184	3837.447	31.923	48.8	-2.4	NO	0.998	NO	bb
8	8	200612P1-12	Standard	100.000	4.49	19070.605	3298.528	72.269	110.3	10.3	NO	0.998	NO	bb
9	9	200612P1-13	Standard	250.000	4.49	48629.777	3913.144	155.341	236.5	-5.4	NO	0.998	NO	bb
10	10	200612P1-14	Standard	500.000	4.49	94244.805	3533.400	333.407	504.8	1.0	NO	0.998	NO	bb

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Compound name: L-PFOS
Correlation coefficient: r = 0.999283, r^2 = 0.998567
Calibration curve: 1.22216 * x + -0.0343602
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.54	68.009	1729.409	0.492	0.4	72.1	YES	0.999	NO	MMX
2	2	200612P1-6	Standard	0.500	4.54	70.776	1990.891	0.444	0.4	-21.7	NO	0.999	NO	MM
3	3	200612P1-7	Standard	1.000	4.53	218.571	2218.822	1.231	1.0	3.6	NO	0.999	NO	MM
4	4	200612P1-8	Standard	2.000	4.54	480.955	2284.367	2.632	2.2	9.1	NO	0.999	NO	MM
5	5	200612P1-9	Standard	5.000	4.54	1133.403	2125.048	6.667	5.5	9.7	NO	0.999	NO	MM
6	6	200612P1-10	Standard	10.000	4.54	2238.253	2209.868	12.661	10.4	3.9	NO	0.999	NO	MM
7	7	200612P1-11	Standard	50.000	4.54	10453.869	2247.290	58.147	47.6	-4.8	NO	0.999	NO	MM
8	8	200612P1-12	Standard	100.000	4.54	19418.602	2083.083	116.526	95.4	-4.6	NO	0.999	NO	MM
9	9	200612P1-13	Standard	250.000	4.54	50336.898	2142.244	293.716	240.4	-3.9	NO	0.999	NO	MM
10	10	200612P1-14	Standard	500.000	4.53	91198.703	1808.859	630.223	515.7	3.1	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997100
Calibration curve: 0.000316498 * x^2 + 2.53516 * x + 0.134999
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.76	102.459	1729.409	0.741	0.2	-4.5	NO	0.997	NO	bb
2	2	200612P1-6	Standard	0.500	4.76	165.842	1990.891	1.041	0.4	-28.5	NO	0.997	NO	bb
3	3	200612P1-7	Standard	1.000	4.76	524.231	2218.822	2.953	1.1	11.2	NO	0.997	NO	bb
4	4	200612P1-8	Standard	2.000	4.76	1001.008	2284.367	5.477	2.1	5.3	NO	0.997	NO	bb
5	5	200612P1-9	Standard	5.000	4.76	2480.673	2125.048	14.592	5.7	14.0	NO	0.997	NO	bb
6	6	200612P1-10	Standard	10.000	4.76	5258.297	2209.868	29.743	11.7	16.6	NO	0.997	NO	bb
7	7	200612P1-11	Standard	50.000	4.76	24906.154	2247.290	138.534	54.2	8.4	NO	0.997	NO	bb
8	8	200612P1-12	Standard	100.000	4.76	44903.570	2083.083	269.454	104.9	4.9	NO	0.997	NO	bb
9	9	200612P1-13	Standard	250.000	4.76	103142.523	2142.244	601.837	230.7	-7.7	NO	0.997	NO	bb
10	10	200612P1-14	Standard	500.000	4.75	198114.484	1808.859	1369.057	507.8	1.6	NO	0.997	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.998194
Calibration curve: 7.12942e-007 * x^2 + 0.859602 * x + 0.0447885
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	4.83	262.821	12379.536	0.265	0.3	2.6	NO	0.998	NO	MM
2	2 200612P1-6	Standard	0.500	4.83	480.335	12251.679	0.490	0.5	3.6	NO	0.998	NO	bb
3	3 200612P1-7	Standard	1.000	4.83	930.603	13129.287	0.886	1.0	-2.1	NO	0.998	NO	bb
4	4 200612P1-8	Standard	2.000	4.83	1983.664	13699.746	1.810	2.1	2.7	NO	0.998	NO	bb
5	5 200612P1-9	Standard	5.000	4.83	4747.123	13188.270	4.499	5.2	3.6	NO	0.998	NO	bb
6	6 200612P1-10	Standard	10.000	4.83	10465.477	13930.388	9.391	10.9	8.7	NO	0.998	NO	bb
7	7 200612P1-11	Standard	50.000	4.83	47455.539	14126.829	41.991	48.8	-2.4	NO	0.998	NO	bb
8	8 200612P1-12	Standard	100.000	4.82	89130.070	11937.631	93.329	108.5	8.5	NO	0.998	NO	bb
9	9 200612P1-13	Standard	250.000	4.82	230527.219	14176.130	203.271	236.4	-5.5	NO	0.998	NO	bb
10	10 200612P1-14	Standard	500.000	4.82	415851.719	11963.323	434.507	505.2	1.0	NO	0.998	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.997561
Calibration curve: -0.00040076 * x^2 + 0.79324 * x + -0.0658737
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	4.81	8.747	1361.296	0.080	0.2	-26.3	NO	0.998	NO	bb
2	2 200612P1-6	Standard	0.500	4.80	33.000	1447.587	0.285	0.4	-11.5	NO	0.998	NO	bb
3	3 200612P1-7	Standard	1.000	4.80	70.415	1426.614	0.617	0.9	-13.9	NO	0.998	NO	bb
4	4 200612P1-8	Standard	2.000	4.80	238.201	1541.431	1.932	2.5	26.1	NO	0.998	NO	bb
5	5 200612P1-9	Standard	5.000	4.80	517.584	1499.775	4.314	5.5	10.7	NO	0.998	NO	bb
6	6 200612P1-10	Standard	10.000	4.79	1075.439	1451.800	9.260	11.8	18.3	NO	0.998	NO	bb
7	7 200612P1-11	Standard	50.000	4.80	4526.782	1449.384	39.041	50.6	1.2	NO	0.998	NO	bb
8	8 200612P1-12	Standard	100.000	4.79	8309.768	1456.143	71.334	94.5	-5.5	NO	0.998	NO	bb
9	9 200612P1-13	Standard	250.000	4.79	19223.314	1376.196	174.606	252.4	1.0	NO	0.998	NO	bb
10	10 200612P1-14	Standard	500.000	4.79	33444.719	1226.748	340.786	630.6	26.1	NO	0.998	NO	bbX

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Compound name: PFNS
Correlation coefficient: r = 0.999527, r^2 = 0.999054
Calibration curve: 1.21247 * x + 0.0686224
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.89	47.365	1729.409	0.342	0.2	-9.7	NO	0.999	NO	bb
2	2	200612P1-6	Standard	0.500	4.90	129.461	1990.891	0.813	0.6	22.8	NO	0.999	NO	bb
3	3	200612P1-7	Standard	1.000	4.90	211.309	2218.822	1.190	0.9	-7.5	NO	0.999	NO	bb
4	4	200612P1-8	Standard	2.000	4.90	396.676	2284.367	2.171	1.7	-13.3	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	4.90	1163.320	2125.048	6.843	5.6	11.7	NO	0.999	NO	bb
6	6	200612P1-10	Standard	10.000	4.90	2556.999	2209.868	14.464	11.9	18.7	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	4.90	10845.100	2247.290	60.323	49.7	-0.6	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	4.90	20839.938	2083.083	125.055	103.1	3.1	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	4.90	50327.223	2142.244	293.659	242.1	-3.1	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	4.89	88241.484	1808.859	609.787	502.9	0.6	NO	0.999	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.996701
Calibration curve: -4.68901e-005 * x^2 + 1.10761 * x + 0.0946669
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	4.98	81.047	2837.487	0.357	0.2	-5.2	NO	0.997	NO	MM
2	2	200612P1-6	Standard	0.500	4.98	163.712	3023.243	0.677	0.5	5.1	NO	0.997	NO	MM
3	3	200612P1-7	Standard	1.000	4.98	340.525	3300.237	1.290	1.1	7.9	NO	0.997	NO	MM
4	4	200612P1-8	Standard	2.000	4.98	611.786	3208.602	2.383	2.1	3.3	NO	0.997	NO	MM
5	5	200612P1-9	Standard	5.000	4.98	1601.047	3249.536	6.159	5.5	9.5	NO	0.997	NO	MM
6	6	200612P1-10	Standard	10.000	4.98	3444.432	3621.677	11.888	10.7	6.5	NO	0.997	NO	MM
7	7	200612P1-11	Standard	50.000	4.98	16319.479	3508.943	58.135	52.5	5.0	NO	0.997	NO	MM
8	8	200612P1-12	Standard	100.000	4.98	30155.920	3139.966	120.049	108.8	8.8	NO	0.997	NO	MM
9	9	200612P1-13	Standard	250.000	4.98	74938.555	3734.959	250.801	228.6	-8.6	NO	0.997	NO	MM
10	10	200612P1-14	Standard	500.000	4.98	135643.109	3073.959	551.581	508.9	1.8	NO	0.997	NO	MM

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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 12:51:52

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999326
Calibration curve: -0.000650435 * x^2 + 2.21015 * x + 0.283227
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	5.14	67.512	2035.881	0.415	0.1	-76.2	YES	0.999	NO	bbX
2	2	200612P1-6	Standard	0.500	5.14	262.502	2007.207	1.635	0.6	22.3	NO	0.999	NO	MM
3	3	200612P1-7	Standard	1.000	5.14	393.738	2151.411	2.288	0.9	-9.3	NO	0.999	NO	MM
4	4	200612P1-8	Standard	2.000	5.14	766.705	2087.248	4.592	2.0	-2.5	NO	0.999	NO	MM
5	5	200612P1-9	Standard	5.000	5.14	1927.154	2300.278	10.472	4.6	-7.7	NO	0.999	NO	MM
6	6	200612P1-10	Standard	10.000	5.14	4435.005	2439.732	22.723	10.2	1.8	NO	0.999	NO	MM
7	7	200612P1-11	Standard	50.000	5.14	18644.500	2302.009	101.240	46.3	-7.4	NO	0.999	NO	MM
8	8	200612P1-12	Standard	100.000	5.14	35305.422	2042.114	216.108	100.6	0.6	NO	0.999	NO	MM
9	9	200612P1-13	Standard	250.000	5.14	85318.883	2030.058	525.348	257.0	2.8	NO	0.999	NO	MM
10	10	200612P1-14	Standard	500.000	5.14	144581.047	1929.412	936.691	496.1	-0.8	NO	0.999	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999487
Calibration curve: -7.19686e-005 * x^2 + 0.962401 * x + 0.105326
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	5.16	341.729	13171.796	0.324	0.2	-9.0	NO	0.999	NO	bb
2	2	200612P1-6	Standard	0.500	5.16	609.845	13526.979	0.564	0.5	-4.8	NO	0.999	NO	bb
3	3	200612P1-7	Standard	1.000	5.15	1161.695	13744.767	1.056	1.0	-1.2	NO	0.999	NO	bb
4	4	200612P1-8	Standard	2.000	5.16	2276.495	14111.685	2.016	2.0	-0.7	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	5.16	6116.346	14594.305	5.239	5.3	6.7	NO	0.999	NO	bd
6	6	200612P1-10	Standard	10.000	5.16	12791.480	15126.432	10.570	10.9	8.8	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	5.16	55795.348	14712.659	47.404	49.3	-1.3	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	5.15	109104.875	13765.065	99.078	103.6	3.6	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	5.15	266609.000	14510.164	229.674	243.0	-2.8	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	5.15	473838.563	12712.058	465.934	502.9	0.6	NO	0.999	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999631
Calibration curve: 1.98572e-005 * x^2 + 1.00411 * x + 0.0630571
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	5.21	50.520	1729.409	0.365	0.3	20.3	NO	1.000	NO	bb
2	2 200612P1-6	Standard	0.500	5.21	79.008	1990.891	0.496	0.4	-13.8	NO	1.000	NO	bb
3	3 200612P1-7	Standard	1.000	5.21	202.633	2218.822	1.142	1.1	7.4	NO	1.000	NO	bb
4	4 200612P1-8	Standard	2.000	5.21	366.922	2284.367	2.008	1.9	-3.2	NO	1.000	NO	bb
5	5 200612P1-9	Standard	5.000	5.21	903.819	2125.048	5.316	5.2	4.6	NO	1.000	NO	bb
6	6 200612P1-10	Standard	10.000	5.21	1939.296	2209.868	10.970	10.9	8.6	NO	1.000	NO	bb
7	7 200612P1-11	Standard	50.000	5.21	9142.151	2247.290	50.851	50.5	1.1	NO	1.000	NO	bb
8	8 200612P1-12	Standard	100.000	5.21	17105.451	2083.083	102.645	102.0	2.0	NO	1.000	NO	bb
9	9 200612P1-13	Standard	250.000	5.21	42172.949	2142.244	246.079	243.8	-2.5	NO	1.000	NO	bb
10	10 200612P1-14	Standard	500.000	5.21	73764.141	1808.859	509.742	502.6	0.5	NO	1.000	NO	bb

Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999664, r^2 = 0.999327
Calibration curve: 0.237138 * x + 0.0163184
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	5.38	79.820	15136.337	0.066	0.2	-16.3	NO	0.999	NO	bb
2	2 200612P1-6	Standard	0.500	5.38	170.304	16154.992	0.132	0.5	-2.6	NO	0.999	NO	bb
3	3 200612P1-7	Standard	1.000	5.38	341.494	16595.891	0.257	1.0	1.6	NO	0.999	NO	bb
4	4 200612P1-8	Standard	2.000	5.38	688.017	16812.918	0.512	2.1	4.4	NO	0.999	NO	bb
5	5 200612P1-9	Standard	5.000	5.38	1513.713	16364.320	1.156	4.8	-3.9	NO	0.999	NO	bb
6	6 200612P1-10	Standard	10.000	5.38	3687.328	16918.914	2.724	11.4	14.2	NO	0.999	NO	bb
7	7 200612P1-11	Standard	50.000	5.38	16465.682	17281.723	11.910	50.2	0.3	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	5.38	29741.521	14945.926	24.874	104.8	4.8	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	5.37	77048.883	16657.916	57.817	243.7	-2.5	NO	0.999	NO	bb
10	10 200612P1-14	Standard	500.000	5.37	136983.109	14439.292	118.585	500.0	0.0	NO	0.999	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.998165
Calibration curve: -0.000662343 * x^2 + 1.90249 * x + 0.146116
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	5.43	43.912	1092.598	0.502	0.2	-25.1	NO	0.998	NO	MMX
2	2 200612P1-6	Standard	0.500	5.43	100.032	910.786	1.373	0.6	29.0	NO	0.998	NO	MM
3	3 200612P1-7	Standard	1.000	5.43	160.897	1068.428	1.882	0.9	-8.7	NO	0.998	NO	MM
4	4 200612P1-8	Standard	2.000	5.43	277.336	1136.561	3.050	1.5	-23.6	NO	0.998	NO	MM
5	5 200612P1-9	Standard	5.000	5.43	840.727	1006.691	10.439	5.4	8.4	NO	0.998	NO	MM
6	6 200612P1-10	Standard	10.000	5.43	1751.268	1069.393	20.470	10.7	7.2	NO	0.998	NO	MM
7	7 200612P1-11	Standard	50.000	5.43	7293.569	966.171	94.362	50.4	0.8	NO	0.998	NO	MM
8	8 200612P1-12	Standard	100.000	5.43	13401.030	856.291	195.626	106.7	6.7	NO	0.998	NO	MM
9	9 200612P1-13	Standard	250.000	5.43	31078.273	944.343	411.374	235.5	-5.8	NO	0.998	NO	MM
10	10 200612P1-14	Standard	500.000	5.42	51374.375	807.949	794.827	507.3	1.5	NO	0.998	NO	MM

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998547
Calibration curve: -0.000118789 * x^2 + 0.88778 * x + 0.0258575
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	5.44	298.753	15136.337	0.247	0.2	-0.5	NO	0.999	NO	MM
2	2 200612P1-6	Standard	0.500	5.44	590.155	16154.992	0.457	0.5	-2.9	NO	0.999	NO	MM
3	3 200612P1-7	Standard	1.000	5.44	1147.624	16595.891	0.864	0.9	-5.5	NO	0.999	NO	MM
4	4 200612P1-8	Standard	2.000	5.45	2385.755	16812.918	1.774	2.0	-1.5	NO	0.999	NO	MM
5	5 200612P1-9	Standard	5.000	5.45	6193.307	16364.320	4.731	5.3	6.1	NO	0.999	NO	MM
6	6 200612P1-10	Standard	10.000	5.45	14072.155	16918.914	10.397	11.7	17.0	NO	0.999	NO	MM
7	7 200612P1-11	Standard	50.000	5.45	58711.004	17281.723	42.466	48.1	-3.8	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	5.44	111256.883	14945.926	93.050	106.3	6.3	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	5.44	273888.094	16657.916	205.524	239.1	-4.3	NO	0.999	NO	bb
10	10 200612P1-14	Standard	500.000	5.44	482590.563	14439.292	417.775	504.6	0.9	NO	0.999	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999530
Calibration curve: -9.60471e-005 * x^2 + 1.18551 * x + 0.00211605
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	1.250	5.48	69.732	9533.255	1.091	0.9	-26.5	NO	1.000	NO	bb
2	2 200612P1-6	Standard	2.500	5.48	218.781	10821.169	3.017	2.5	1.7	NO	1.000	NO	bb
3	3 200612P1-7	Standard	5.000	5.48	434.746	10516.395	6.168	5.2	4.1	NO	1.000	NO	bb
4	4 200612P1-8	Standard	10.000	5.48	889.698	10871.787	12.210	10.3	3.1	NO	1.000	NO	bb
5	5 200612P1-9	Standard	25.000	5.48	2403.355	10786.096	33.245	28.1	12.4	NO	1.000	NO	bb
6	6 200612P1-10	Standard	50.000	5.48	4766.670	11368.062	62.560	53.0	6.0	NO	1.000	NO	bb
7	7 200612P1-11	Standard	250.000	5.48	21043.104	10957.036	286.540	246.6	-1.3	NO	1.000	NO	bb
8	8 200612P1-12	Standard	500.000	5.48	41293.527	10567.395	583.019	513.1	2.6	NO	1.000	NO	bb
9	9 200612P1-13	Standard	1250.000	5.48	102143.047	11712.097	1301.197	1217.7	-2.6	NO	1.000	NO	bb
10	10 200612P1-14	Standard	2500.000	5.47	189080.000	11872.182	2376.205	2518.1	0.7	NO	1.000	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999255
Calibration curve: -0.000197554 * x^2 + 0.892364 * x + 0.0649979
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	5.70	324.024	15136.337	0.268	0.2	-9.2	NO	0.999	NO	bb
2	2 200612P1-6	Standard	0.500	5.70	660.178	16154.992	0.511	0.5	-0.1	NO	0.999	NO	db
3	3 200612P1-7	Standard	1.000	5.69	1221.935	16595.891	0.920	1.0	-4.1	NO	0.999	NO	db
4	4 200612P1-8	Standard	2.000	5.70	2434.725	16812.918	1.810	2.0	-2.2	NO	0.999	NO	bb
5	5 200612P1-9	Standard	5.000	5.70	6300.893	16364.320	4.813	5.3	6.5	NO	0.999	NO	bb
6	6 200612P1-10	Standard	10.000	5.69	13225.708	16918.914	9.771	10.9	9.0	NO	0.999	NO	bb
7	7 200612P1-11	Standard	50.000	5.69	59846.012	17281.723	43.287	49.0	-2.1	NO	0.999	NO	bb
8	8 200612P1-12	Standard	100.000	5.69	109197.203	14945.926	91.327	104.7	4.7	NO	0.999	NO	bb
9	9 200612P1-13	Standard	250.000	5.69	271955.938	16657.916	204.074	241.5	-3.4	NO	0.999	NO	bb
10	10 200612P1-14	Standard	500.000	5.69	461476.250	14439.292	399.497	503.8	0.8	NO	0.999	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.998243
Calibration curve: -4.76103e-005 * x^2 + 0.193303 * x + 0.0208877
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	5.73	29.677	12095.881	0.031	0.1	-79.8	YES	0.998	NO	bbX
2	2 200612P1-6	Standard	0.500	5.72	99.464	13154.412	0.095	0.4	-23.8	NO	0.998	NO	bb
3	3 200612P1-7	Standard	1.000	5.72	211.183	13254.069	0.199	0.9	-7.8	NO	0.998	NO	bb
4	4 200612P1-8	Standard	2.000	5.73	459.095	13065.664	0.439	2.2	8.3	NO	0.998	NO	bb
5	5 200612P1-9	Standard	5.000	5.72	1139.938	13111.274	1.087	5.5	10.4	NO	0.998	NO	bb
6	6 200612P1-10	Standard	10.000	5.72	2442.523	13894.361	2.197	11.3	12.9	NO	0.998	NO	bb
7	7 200612P1-11	Standard	50.000	5.72	10747.935	14463.355	9.289	48.5	-2.9	NO	0.998	NO	bb
8	8 200612P1-12	Standard	100.000	5.72	19936.906	12365.345	20.154	107.0	7.0	NO	0.998	NO	bb
9	9 200612P1-13	Standard	250.000	5.72	47527.484	13767.445	43.152	237.0	-5.2	NO	0.998	NO	bb
10	10 200612P1-14	Standard	500.000	5.72	80477.828	11745.770	85.646	506.0	1.2	NO	0.998	NO	bb

Compound name: PFTeDA
Correlation coefficient: r = 0.999221, r^2 = 0.998443
Calibration curve: 0.624414 * x + 0.0785603
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	5.92	202.052	12095.881	0.209	0.2	-16.6	NO	0.998	NO	MM
2	2 200612P1-6	Standard	0.500	5.91	452.979	13154.412	0.430	0.6	12.7	NO	0.998	NO	MM
3	3 200612P1-7	Standard	1.000	5.91	844.641	13254.069	0.797	1.1	15.0	NO	0.998	NO	MM
4	4 200612P1-8	Standard	2.000	5.92	1525.627	13065.664	1.460	2.2	10.6	NO	0.998	NO	MM
5	5 200612P1-9	Standard	5.000	5.91	3748.683	13111.274	3.574	5.6	12.0	NO	0.998	NO	MM
6	6 200612P1-10	Standard	10.000	5.91	8064.019	13894.361	7.255	11.5	14.9	NO	0.998	NO	bb
7	7 200612P1-11	Standard	50.000	5.91	35909.324	14463.355	31.035	49.6	-0.8	NO	0.998	NO	bb
8	8 200612P1-12	Standard	100.000	5.91	65943.523	12365.345	66.662	106.6	6.6	NO	0.998	NO	MM
9	9 200612P1-13	Standard	250.000	5.91	164021.641	13767.445	148.922	238.4	-4.7	NO	0.998	NO	MM
10	10 200612P1-14	Standard	500.000	5.91	295169.750	11745.770	314.123	502.9	0.6	NO	0.998	NO	MM

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999712
Calibration curve: -7.6355e-005 * x^2 + 1.12447 * x + 0.241342
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	1.250	5.96	173.873	16160.729	1.605	1.2	-3.0	NO	1.000	NO	bb
2	2	200612P1-6	Standard	2.500	5.96	336.983	16597.836	3.029	2.5	-0.8	NO	1.000	NO	bb
3	3	200612P1-7	Standard	5.000	5.95	587.574	16014.033	5.474	4.7	-6.9	NO	1.000	NO	bb
4	4	200612P1-8	Standard	10.000	5.96	1285.422	17312.672	11.078	9.6	-3.6	NO	1.000	NO	bb
5	5	200612P1-9	Standard	25.000	5.96	3322.775	16836.988	29.445	26.0	4.1	NO	1.000	NO	bb
6	6	200612P1-10	Standard	50.000	5.95	7248.708	17615.303	61.396	54.6	9.2	NO	1.000	NO	MM
7	7	200612P1-11	Standard	250.000	5.95	31885.652	16856.648	282.223	255.2	2.1	NO	1.000	NO	bb
8	8	200612P1-12	Standard	500.000	5.95	58635.223	16035.341	545.568	502.1	0.4	NO	1.000	NO	bb
9	9	200612P1-13	Standard	1250.000	5.95	142400.750	16831.533	1262.285	1224.1	-2.1	NO	1.000	NO	bb
10	10	200612P1-14	Standard	2500.000	5.95	249819.969	15893.410	2345.195	2514.8	0.6	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998683
Calibration curve: -2.77862e-005 * x^2 + 0.828389 * x + 0.131324
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	0.250	6.28	521.909	18975.824	0.344	0.3	2.6	NO	0.999	NO	bb
2	2	200612P1-6	Standard	0.500	6.27	992.701	19786.697	0.627	0.6	19.7	NO	0.999	NO	bb
3	3	200612P1-7	Standard	1.000	6.27	1712.664	19878.133	1.077	1.1	14.2	NO	0.999	NO	MM
4	4	200612P1-8	Standard	2.000	6.27	3057.401	19922.334	1.918	2.2	7.9	NO	0.999	NO	bb
5	5	200612P1-9	Standard	5.000	6.27	7410.667	20301.568	4.563	5.4	7.0	NO	0.999	NO	bb
6	6	200612P1-10	Standard	10.000	6.27	15910.882	21219.936	9.373	11.2	11.6	NO	0.999	NO	bb
7	7	200612P1-11	Standard	50.000	6.27	70211.617	21456.963	40.903	49.3	-1.4	NO	0.999	NO	bb
8	8	200612P1-12	Standard	100.000	6.27	132293.500	18957.781	87.229	105.5	5.5	NO	0.999	NO	bb
9	9	200612P1-13	Standard	250.000	6.27	317296.156	20220.154	196.151	238.5	-4.6	NO	0.999	NO	bb
10	10	200612P1-14	Standard	500.000	6.27	555381.063	16883.855	411.178	504.7	0.9	NO	0.999	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999502
Calibration curve: 6.98686e-005 * x^2 + 0.704005 * x + 0.0422295
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	0.250	6.52	306.980	18975.824	0.202	0.2	-9.1	NO	1.000	NO	bb
2	2 200612P1-6	Standard	0.500	6.52	691.327	19786.697	0.437	0.6	12.1	NO	1.000	NO	bb
3	3 200612P1-7	Standard	1.000	6.52	1193.419	19878.133	0.750	1.0	0.6	NO	1.000	NO	bb
4	4 200612P1-8	Standard	2.000	6.52	2377.103	19922.334	1.491	2.1	2.9	NO	1.000	NO	bb
5	5 200612P1-9	Standard	5.000	6.52	6197.987	20301.568	3.816	5.4	7.2	NO	1.000	NO	bb
6	6 200612P1-10	Standard	10.000	6.52	13329.058	21219.936	7.852	11.1	10.8	NO	1.000	NO	bb
7	7 200612P1-11	Standard	50.000	6.52	59867.789	21456.963	34.877	49.2	-1.5	NO	1.000	NO	bb
8	8 200612P1-12	Standard	100.000	6.52	111343.227	18957.781	73.415	103.2	3.2	NO	1.000	NO	bb
9	9 200612P1-13	Standard	250.000	6.52	284065.969	20220.154	175.608	243.5	-2.6	NO	1.000	NO	bb
10	10 200612P1-14	Standard	500.000	6.52	501779.938	16883.855	371.494	502.6	0.5	NO	1.000	NO	bb

Compound name: N-MeFOSE
Correlation coefficient: r = 0.999627, r^2 = 0.999255
Calibration curve: 1.10332 * x + 0.151324
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	1.250	6.23	143.291	14964.681	1.429	1.2	-7.4	NO	0.999	NO	MM
2	2 200612P1-6	Standard	2.500	6.23	333.170	16047.331	3.098	2.7	6.8	NO	0.999	NO	bb
3	3 200612P1-7	Standard	5.000	6.22	614.899	15394.250	5.960	5.3	5.3	NO	0.999	NO	bb
4	4 200612P1-8	Standard	10.000	6.23	1196.617	16183.775	11.032	9.9	-1.4	NO	0.999	NO	bb
5	5 200612P1-9	Standard	25.000	6.22	2998.415	16030.164	27.908	25.2	0.6	NO	0.999	NO	bb
6	6 200612P1-10	Standard	50.000	6.22	6685.917	17652.891	56.509	51.1	2.2	NO	0.999	NO	bb
7	7 200612P1-11	Standard	250.000	6.22	29095.074	16434.592	264.137	239.3	-4.3	NO	0.999	NO	bb
8	8 200612P1-12	Standard	500.000	6.22	55466.070	15077.112	548.881	497.3	-0.5	NO	0.999	NO	bb
9	9 200612P1-13	Standard	1250.000	6.22	145576.984	16326.858	1330.329	1205.6	-3.6	NO	0.999	NO	bb
10	10 200612P1-14	Standard	2500.000	6.22	299381.250	15836.225	2820.602	2556.3	2.3	NO	0.999	NO	bb

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Compound name: N-EtFOSE
Correlation coefficient: r = 0.999599, r^2 = 0.999198
Calibration curve: 1.05576 * x + 0.675139
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	1.250	6.38	195.841	15635.668	1.869	1.1	-9.6	NO	0.999	NO	bb
2	2 200612P1-6	Standard	2.500	6.38	345.619	16730.717	3.082	2.3	-8.8	NO	0.999	NO	bb
3	3 200612P1-7	Standard	5.000	6.38	691.248	17307.189	5.959	5.0	0.1	NO	0.999	NO	bb
4	4 200612P1-8	Standard	10.000	6.38	1265.892	17283.525	10.928	9.7	-2.9	NO	0.999	NO	bb
5	5 200612P1-9	Standard	25.000	6.38	3320.400	17533.047	28.255	26.1	4.5	NO	0.999	NO	bb
6	6 200612P1-10	Standard	50.000	6.38	6763.342	17462.781	57.785	54.1	8.2	NO	0.999	NO	bb
7	7 200612P1-11	Standard	250.000	6.38	31256.619	16937.842	275.329	260.1	4.1	NO	0.999	NO	bb
8	8 200612P1-12	Standard	500.000	6.38	61708.664	16411.793	560.995	530.7	6.1	NO	0.999	NO	bb
9	9 200612P1-13	Standard	1250.000	6.37	155713.422	17565.570	1322.613	1252.1	0.2	NO	0.999	NO	bb
10	10 200612P1-14	Standard	2500.000	6.37	300245.625	17296.984	2589.853	2452.4	-1.9	NO	0.999	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 330.983
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	1.14	3801.598		3801.598	11.5	-8.1	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	1.13	4038.310		4038.310	12.2	-2.4	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	1.13	4084.622		4084.622	12.3	-1.3	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	1.14	4230.748		4230.748	12.8	2.3	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	1.14	4142.564		4142.564	12.5	0.1	NO		NO	MMX
6	6 200612P1-10	Standard	12.500	1.14	4137.293		4137.293	12.5	0.0	NO		NO	MM
7	7 200612P1-11	Standard	12.500	1.14	4226.653		4226.653	12.8	2.2	NO		NO	MMX
8	8 200612P1-12	Standard	12.500	1.14	4252.486		4252.486	12.8	2.8	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	1.14	4459.796		4459.796	13.5	7.8	NO		NO	MMX
10	10 200612P1-14	Standard	12.500	1.13	4412.147		4412.147	13.3	6.6	NO		NO	bbX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.913002
RRF SD: 0.0182742, Relative SD: 2.00155
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	1.14	3801.598	4160.485	11.422	12.5	0.1	NO		NO	bb
2	2	200612P1-6	Standard	12.500	1.13	4038.310	4366.839	11.560	12.7	1.3	NO		NO	bb
3	3	200612P1-7	Standard	12.500	1.13	4084.622	4450.257	11.473	12.6	0.5	NO		NO	bb
4	4	200612P1-8	Standard	12.500	1.14	4230.748	4667.434	11.330	12.4	-0.7	NO		NO	bb
5	5	200612P1-9	Standard	12.500	1.14	4121.892	4552.445	11.318	12.4	-0.8	NO		NO	MM
6	6	200612P1-10	Standard	12.500	1.14	4134.549	4651.098	11.112	12.2	-2.6	NO		NO	MM
7	7	200612P1-11	Standard	12.500	1.14	4259.377	4510.953	11.803	12.9	3.4	NO		NO	MM
8	8	200612P1-12	Standard	12.500	1.14	4252.486	4695.932	11.320	12.4	-0.8	NO		NO	bb
9	9	200612P1-13	Standard	12.500	1.14	4462.303	4771.016	11.691	12.8	2.4	NO		NO	MM
10	10	200612P1-14	Standard	12.500	1.13	4412.147	4969.882	11.097	12.2	-2.8	NO		NO	bb

Compound name: 13C3-PFPeA-EIS
Response Factor: 671.981
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	2.06	7546.033		7546.033	11.2	-10.2	NO		NO	MMX
2	2	200612P1-6	Standard	12.500	2.06	7602.263		7602.263	11.3	-9.5	NO		NO	MMX
3	3	200612P1-7	Standard	12.500	2.06	8111.728		8111.728	12.1	-3.4	NO		NO	MMX
4	4	200612P1-8	Standard	12.500	2.06	8098.784		8098.784	12.1	-3.6	NO		NO	MMX
5	5	200612P1-9	Standard	12.500	2.06	8154.310		8154.310	12.1	-2.9	NO		NO	MMX
6	6	200612P1-10	Standard	12.500	2.06	8399.761		8399.761	12.5	0.0	NO		NO	MM
7	7	200612P1-11	Standard	12.500	2.06	8361.521		8361.521	12.4	-0.5	NO		NO	MMX
8	8	200612P1-12	Standard	12.500	2.06	8293.299		8293.299	12.3	-1.3	NO		NO	bbX
9	9	200612P1-13	Standard	12.500	2.06	8935.478		8935.478	13.3	6.4	NO		NO	MMX
10	10	200612P1-14	Standard	12.500	2.06	8702.601		8702.601	13.0	3.6	NO		NO	bbX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.708458
RRF SD: 0.0449854, Relative SD: 6.34976
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	2.06	7442.586	11247.300	8.272	11.7	-6.6	NO		NO	MM
2	2	200612P1-6	Standard	12.500	2.06	7605.616	11580.378	8.210	11.6	-7.3	NO		NO	MM
3	3	200612P1-7	Standard	12.500	2.06	8115.045	11212.191	9.047	12.8	2.2	NO		NO	MM
4	4	200612P1-8	Standard	12.500	2.06	7859.008	11955.750	8.217	11.6	-7.2	NO		NO	MM
5	5	200612P1-9	Standard	12.500	2.06	8144.753	11664.934	8.728	12.3	-1.4	NO		NO	MM
6	6	200612P1-10	Standard	12.500	2.06	8330.013	12324.577	8.449	11.9	-4.6	NO		NO	MM
7	7	200612P1-11	Standard	12.500	2.06	8382.607	11648.745	8.995	12.7	1.6	NO		NO	MM
8	8	200612P1-12	Standard	12.500	2.06	8335.706	10835.485	9.616	13.6	8.6	NO		NO	MM
9	9	200612P1-13	Standard	12.500	2.06	8972.868	11779.639	9.522	13.4	7.5	NO		NO	MM
10	10	200612P1-14	Standard	12.500	2.06	8716.701	11465.837	9.503	13.4	7.3	NO		NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 81.8947
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	2.35	996.180		996.180	12.2	-2.7	NO		NO	bbX
2	2	200612P1-6	Standard	12.500	2.35	953.927		953.927	11.6	-6.8	NO		NO	MMX
3	3	200612P1-7	Standard	12.500	2.35	1054.585		1054.585	12.9	3.0	NO		NO	MMX
4	4	200612P1-8	Standard	12.500	2.35	1032.224		1032.224	12.6	0.8	NO		NO	MMX
5	5	200612P1-9	Standard	12.500	2.35	1073.276		1073.276	13.1	4.8	NO		NO	MMX
6	6	200612P1-10	Standard	12.500	2.35	1023.684		1023.684	12.5	0.0	NO		NO	MM
7	7	200612P1-11	Standard	12.500	2.35	1027.520		1027.520	12.5	0.4	NO		NO	MMX
8	8	200612P1-12	Standard	12.500	2.35	1034.318		1034.318	12.6	1.0	NO		NO	bbX
9	9	200612P1-13	Standard	12.500	2.35	1075.969		1075.969	13.1	5.1	NO		NO	bbX
10	10	200612P1-14	Standard	12.500	2.34	938.670		938.670	11.5	-8.3	NO		NO	MMX

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Compound name: 13C3-PFBS-RSD
Response Factor: 1.19716
RRF SD: 0.0716761, Relative SD: 5.98716
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	2.35	996.180	804.075	15.486	12.9	3.5	NO		NO	bb
2	2	200612P1-6	Standard	12.500	2.35	953.067	826.069	14.422	12.0	-3.6	NO		NO	MM
3	3	200612P1-7	Standard	12.500	2.35	1054.551	957.238	13.771	11.5	-8.0	NO		NO	MM
4	4	200612P1-8	Standard	12.500	2.35	1011.560	859.168	14.717	12.3	-1.7	NO		NO	MM
5	5	200612P1-9	Standard	12.500	2.35	1075.322	842.793	15.949	13.3	6.6	NO		NO	MM
6	6	200612P1-10	Standard	12.500	2.35	1024.240	921.751	13.890	11.6	-7.2	NO		NO	MM
7	7	200612P1-11	Standard	12.500	2.35	1022.894	905.322	14.123	11.8	-5.6	NO		NO	MM
8	8	200612P1-12	Standard	12.500	2.35	1034.318	837.268	15.442	12.9	3.2	NO		NO	bb
9	9	200612P1-13	Standard	12.500	2.35	1075.969	864.839	15.552	13.0	3.9	NO		NO	bb
10	10	200612P1-14	Standard	12.500	2.34	939.042	720.389	16.294	13.6	8.9	NO		NO	MM

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 160.091
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	3.09	1822.029		1822.029	11.4	-9.0	NO		NO	bbX
2	2	200612P1-6	Standard	12.500	3.09	1969.242		1969.242	12.3	-1.6	NO		NO	bbX
3	3	200612P1-7	Standard	12.500	3.09	2003.239		2003.239	12.5	0.1	NO		NO	bbX
4	4	200612P1-8	Standard	12.500	3.09	1990.446		1990.446	12.4	-0.5	NO		NO	bbX
5	5	200612P1-9	Standard	12.500	3.09	1867.923		1867.923	11.7	-6.7	NO		NO	bbX
6	6	200612P1-10	Standard	12.500	3.09	2001.141		2001.141	12.5	0.0	NO		NO	bb
7	7	200612P1-11	Standard	12.500	3.09	2086.352		2086.352	13.0	4.3	NO		NO	bbX
8	8	200612P1-12	Standard	12.500	3.09	1966.042		1966.042	12.3	-1.8	NO		NO	bbX
9	9	200612P1-13	Standard	12.500	3.09	2369.040		2369.040	14.8	18.4	NO		NO	bbX
10	10	200612P1-14	Standard	12.500	3.09	1953.971		1953.971	12.2	-2.4	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.173178
RRF SD: 0.0124196, Relative SD: 7.17158
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	3.09	1822.029	11247.300	2.025	11.7	-6.5	NO		NO	bb
2	2	200612P1-6	Standard	12.500	3.09	1969.242	11580.378	2.126	12.3	-1.8	NO		NO	bb
3	3	200612P1-7	Standard	12.500	3.09	2003.239	11212.191	2.233	12.9	3.2	NO		NO	bb
4	4	200612P1-8	Standard	12.500	3.09	1990.446	11955.750	2.081	12.0	-3.9	NO		NO	bb
5	5	200612P1-9	Standard	12.500	3.09	1867.923	11664.934	2.002	11.6	-7.5	NO		NO	bb
6	6	200612P1-10	Standard	12.500	3.09	2001.141	12324.577	2.030	11.7	-6.2	NO		NO	bb
7	7	200612P1-11	Standard	12.500	3.09	2086.352	11648.745	2.239	12.9	3.4	NO		NO	bb
8	8	200612P1-12	Standard	12.500	3.09	1966.042	10835.485	2.268	13.1	4.8	NO		NO	bb
9	9	200612P1-13	Standard	12.500	3.09	2369.040	11779.639	2.514	14.5	16.1	NO		NO	bb
10	10	200612P1-14	Standard	12.500	3.09	1953.971	11465.837	2.130	12.3	-1.6	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 103.165
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	2.78	1251.425		1251.425	12.1	-3.0	NO		NO	bbX
2	2	200612P1-6	Standard	12.500	2.78	1293.345		1293.345	12.5	0.3	NO		NO	bbX
3	3	200612P1-7	Standard	12.500	2.78	1378.557		1378.557	13.4	6.9	NO		NO	bbX
4	4	200612P1-8	Standard	12.500	2.78	1370.003		1370.003	13.3	6.2	NO		NO	bbX
5	5	200612P1-9	Standard	12.500	2.79	1323.310		1323.310	12.8	2.6	NO		NO	bbX
6	6	200612P1-10	Standard	12.500	2.79	1289.558		1289.558	12.5	0.0	NO		NO	bb
7	7	200612P1-11	Standard	12.500	2.78	1245.443		1245.443	12.1	-3.4	NO		NO	bbX
8	8	200612P1-12	Standard	12.500	2.78	1117.268		1117.268	10.8	-13.4	NO		NO	bbX
9	9	200612P1-13	Standard	12.500	2.78	1117.448		1117.448	10.8	-13.3	NO		NO	bbX
10	10	200612P1-14	Standard	12.500	2.77	1031.726		1031.726	10.0	-20.0	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.45603
RRF SD: 0.108776, Relative SD: 7.47076
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	2.78	1251.425	804.075	19.454	13.4	6.9	NO		NO	bb
2	2	200612P1-6	Standard	12.500	2.78	1293.345	826.069	19.571	13.4	7.5	NO		NO	bb
3	3	200612P1-7	Standard	12.500	2.78	1378.557	957.238	18.002	12.4	-1.1	NO		NO	bb
4	4	200612P1-8	Standard	12.500	2.78	1370.003	859.168	19.932	13.7	9.5	NO		NO	bb
5	5	200612P1-9	Standard	12.500	2.79	1323.310	842.793	19.627	13.5	7.8	NO		NO	bb
6	6	200612P1-10	Standard	12.500	2.79	1289.558	921.751	17.488	12.0	-3.9	NO		NO	bb
7	7	200612P1-11	Standard	12.500	2.78	1245.443	905.322	17.196	11.8	-5.5	NO		NO	bb
8	8	200612P1-12	Standard	12.500	2.78	1117.268	837.268	16.680	11.5	-8.4	NO		NO	bb
9	9	200612P1-13	Standard	12.500	2.78	1117.448	864.839	16.151	11.1	-11.3	NO		NO	bb
10	10	200612P1-14	Standard	12.500	2.77	1031.726	720.389	17.902	12.3	-1.6	NO		NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 886.511
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	2.86	9530.614		9530.614	10.8	-14.0	NO		NO	bbX
2	2	200612P1-6	Standard	12.500	2.86	10104.766		10104.766	11.4	-8.8	NO		NO	bbX
3	3	200612P1-7	Standard	12.500	2.86	10355.063		10355.063	11.7	-6.6	NO		NO	bbX
4	4	200612P1-8	Standard	12.500	2.86	10179.071		10179.071	11.5	-8.1	NO		NO	bbX
5	5	200612P1-9	Standard	12.500	2.86	10562.359		10562.359	11.9	-4.7	NO		NO	bbX
6	6	200612P1-10	Standard	12.500	2.86	11081.391		11081.391	12.5	0.0	NO		NO	bb
7	7	200612P1-11	Standard	12.500	2.86	11118.819		11118.819	12.5	0.3	NO		NO	bbX
8	8	200612P1-12	Standard	12.500	2.86	10044.870		10044.870	11.3	-9.4	NO		NO	bbX
9	9	200612P1-13	Standard	12.500	2.86	11422.186		11422.186	12.9	3.1	NO		NO	bbX
10	10	200612P1-14	Standard	12.500	2.86	10491.998		10491.998	11.8	-5.3	NO		NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.906577
RRF SD: 0.0405768, Relative SD: 4.47583
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	2.86	9530.614	11247.300	10.592	11.7	-6.5	NO		NO	bb
2	2 200612P1-6	Standard	12.500	2.86	10104.766	11580.378	10.907	12.0	-3.8	NO		NO	bb
3	3 200612P1-7	Standard	12.500	2.86	10355.063	11212.191	11.544	12.7	1.9	NO		NO	bb
4	4 200612P1-8	Standard	12.500	2.86	10179.071	11955.750	10.642	11.7	-6.1	NO		NO	bb
5	5 200612P1-9	Standard	12.500	2.86	10562.359	11664.934	11.318	12.5	-0.1	NO		NO	bb
6	6 200612P1-10	Standard	12.500	2.86	11081.391	12324.577	11.239	12.4	-0.8	NO		NO	bb
7	7 200612P1-11	Standard	12.500	2.86	11118.819	11648.745	11.931	13.2	5.3	NO		NO	bb
8	8 200612P1-12	Standard	12.500	2.86	10044.870	10835.485	11.588	12.8	2.3	NO		NO	bb
9	9 200612P1-13	Standard	12.500	2.86	11422.186	11779.639	12.121	13.4	7.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	2.86	10491.998	11465.837	11.438	12.6	0.9	NO		NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 775.474
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	3.49	8778.732		8778.732	11.3	-9.4	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	3.49	8973.626		8973.626	11.6	-7.4	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	3.49	9403.503		9403.503	12.1	-3.0	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	3.49	9215.365		9215.365	11.9	-4.9	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	3.49	9851.305		9851.305	12.7	1.6	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	3.49	9693.422		9693.422	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	3.49	9520.598		9520.598	12.3	-1.8	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	3.49	8912.883		8912.883	11.5	-8.1	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	3.49	9817.893		9817.893	12.7	1.3	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	3.49	8757.340		8757.340	11.3	-9.7	NO		NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.803304
RRF SD: 0.0310108, Relative SD: 3.86041
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	3.49	8778.732	11247.300	9.756	12.1	-2.8	NO		NO	bb
2	2	200612P1-6	Standard	12.500	3.49	8973.626	11580.378	9.686	12.1	-3.5	NO		NO	bb
3	3	200612P1-7	Standard	12.500	3.49	9403.503	11212.191	10.484	13.1	4.4	NO		NO	bb
4	4	200612P1-8	Standard	12.500	3.49	9215.365	11955.750	9.635	12.0	-4.0	NO		NO	bb
5	5	200612P1-9	Standard	12.500	3.49	9851.305	11664.934	10.557	13.1	5.1	NO		NO	bb
6	6	200612P1-10	Standard	12.500	3.49	9693.422	12324.577	9.831	12.2	-2.1	NO		NO	bb
7	7	200612P1-11	Standard	12.500	3.49	9520.598	11648.745	10.216	12.7	1.7	NO		NO	bb
8	8	200612P1-12	Standard	12.500	3.49	8912.883	10835.485	10.282	12.8	2.4	NO		NO	bb
9	9	200612P1-13	Standard	12.500	3.49	9817.893	11779.639	10.418	13.0	3.8	NO		NO	bb
10	10	200612P1-14	Standard	12.500	3.49	8757.340	11465.837	9.547	11.9	-4.9	NO		NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 179.148
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	3.64	2166.995		2166.995	12.1	-3.2	NO		NO	bbX
2	2	200612P1-6	Standard	12.500	3.64	2173.687		2173.687	12.1	-2.9	NO		NO	bbX
3	3	200612P1-7	Standard	12.500	3.64	2219.091		2219.091	12.4	-0.9	NO		NO	bbX
4	4	200612P1-8	Standard	12.500	3.64	2344.761		2344.761	13.1	4.7	NO		NO	MMX
5	5	200612P1-9	Standard	12.500	3.64	2261.265		2261.265	12.6	1.0	NO		NO	bbX
6	6	200612P1-10	Standard	12.500	3.64	2239.346		2239.346	12.5	0.0	NO		NO	bb
7	7	200612P1-11	Standard	12.500	3.64	2279.161		2279.161	12.7	1.8	NO		NO	bbX
8	8	200612P1-12	Standard	12.500	3.64	2064.783		2064.783	11.5	-7.8	NO		NO	bbX
9	9	200612P1-13	Standard	12.500	3.64	2199.439		2199.439	12.3	-1.8	NO		NO	bbX
10	10	200612P1-14	Standard	12.500	3.63	1890.984		1890.984	10.6	-15.6	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 2.56422
RRF SD: 0.1329, Relative SD: 5.18285
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	3.64	2166.995	804.075	33.688	13.1	5.1	NO		NO	bb
2	2 200612P1-6	Standard	12.500	3.64	2173.687	826.069	32.892	12.8	2.6	NO		NO	bb
3	3 200612P1-7	Standard	12.500	3.64	2219.091	957.238	28.978	11.3	-9.6	NO		NO	bb
4	4 200612P1-8	Standard	12.500	3.64	2348.402	859.168	34.167	13.3	6.6	NO		NO	bd
5	5 200612P1-9	Standard	12.500	3.64	2261.265	842.793	33.538	13.1	4.6	NO		NO	bb
6	6 200612P1-10	Standard	12.500	3.64	2239.346	921.751	30.368	11.8	-5.3	NO		NO	bb
7	7 200612P1-11	Standard	12.500	3.64	2279.161	905.322	31.469	12.3	-1.8	NO		NO	bb
8	8 200612P1-12	Standard	12.500	3.64	2064.783	837.268	30.826	12.0	-3.8	NO		NO	bb
9	9 200612P1-13	Standard	12.500	3.64	2199.439	864.839	31.790	12.4	-0.8	NO		NO	bb
10	10 200612P1-14	Standard	12.500	3.63	1890.984	720.389	32.812	12.8	2.4	NO		NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 122.077
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	3.94	1527.589		1527.589	12.5	0.1	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	3.94	1459.457		1459.457	12.0	-4.4	NO		NO	MMX
3	3 200612P1-7	Standard	12.500	3.94	1529.516		1529.516	12.5	0.2	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	3.94	1566.205		1566.205	12.8	2.6	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	3.94	1570.198		1570.198	12.9	2.9	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	3.94	1525.964		1525.964	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	3.94	1553.923		1553.923	12.7	1.8	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	3.94	1292.119		1292.119	10.6	-15.3	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	3.94	1382.400		1382.400	11.3	-9.4	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	3.93	1294.762		1294.762	10.6	-15.2	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.603111
RRF SD: 0.0362304, Relative SD: 6.00725
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	3.94	1527.589	2573.859	7.419	12.3	-1.6	NO		NO	bb
2	2 200612P1-6	Standard	12.500	3.94	1462.300	2684.051	6.810	11.3	-9.7	NO		NO	bd
3	3 200612P1-7	Standard	12.500	3.94	1529.516	2442.056	7.829	13.0	3.8	NO		NO	bb
4	4 200612P1-8	Standard	12.500	3.94	1566.205	2797.935	6.997	11.6	-7.2	NO		NO	bb
5	5 200612P1-9	Standard	12.500	3.94	1570.198	2380.941	8.244	13.7	9.3	NO		NO	bb
6	6 200612P1-10	Standard	12.500	3.94	1525.964	2446.226	7.798	12.9	3.4	NO		NO	bb
7	7 200612P1-11	Standard	12.500	3.94	1553.923	2511.399	7.734	12.8	2.6	NO		NO	bb
8	8 200612P1-12	Standard	12.500	3.94	1292.119	2255.596	7.161	11.9	-5.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	3.94	1382.400	2320.385	7.447	12.3	-1.2	NO		NO	bb
10	10 200612P1-14	Standard	12.500	3.93	1294.762	2035.636	7.951	13.2	5.5	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 887.241
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.45	9498.060		9498.060	10.7	-14.4	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	4.45	10022.550		10022.550	11.3	-9.6	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	4.44	10741.435		10741.435	12.1	-3.1	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	4.44	10205.442		10205.442	11.5	-8.0	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	4.44	10495.478		10495.478	11.8	-5.4	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	4.45	11090.511		11090.511	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.45	11433.670		11433.670	12.9	3.1	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	4.44	10013.456		10013.456	11.3	-9.7	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	4.44	10919.563		10919.563	12.3	-1.5	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	4.44	9611.566		9611.566	10.8	-13.3	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.9562
RRF SD: 0.0505938, Relative SD: 5.29113
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.45	9498.060	10481.623	11.327	11.8	-5.2	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.45	10022.550	11122.900	11.263	11.8	-5.8	NO		NO	bb
3	3 200612P1-7	Standard	12.500	4.44	10741.435	10981.699	12.227	12.8	2.3	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.44	10205.442	11573.622	11.022	11.5	-7.8	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.44	10495.478	10959.084	11.971	12.5	0.2	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.45	11090.511	11775.647	11.773	12.3	-1.5	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.45	11433.670	11281.498	12.669	13.2	6.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.44	10013.456	10403.482	12.031	12.6	0.7	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.44	10919.563	10468.950	13.038	13.6	9.1	NO		NO	bb
10	10 200612P1-14	Standard	12.500	4.44	9611.566	9844.850	12.204	12.8	2.1	NO		NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 316.653
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.49	3493.298		3493.298	11.0	-11.7	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	4.49	3581.990		3581.990	11.3	-9.5	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	4.49	3648.952		3648.952	11.5	-7.8	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	4.49	3826.661		3826.661	12.1	-3.3	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	4.49	3685.017		3685.017	11.6	-6.9	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	4.49	3958.161		3958.161	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.49	3837.447		3837.447	12.1	-3.0	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	4.49	3298.528		3298.528	10.4	-16.7	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	4.49	3913.144		3913.144	12.4	-1.1	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	4.49	3533.400		3533.400	11.2	-10.7	NO		NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.370666
RRF SD: 0.020282, Relative SD: 5.47176
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.49	3493.298	9293.428	4.699	12.7	1.4	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.49	3581.990	9627.084	4.651	12.5	0.4	NO		NO	bb
3	3 200612P1-7	Standard	12.500	4.49	3648.952	10721.783	4.254	11.5	-8.2	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.49	3826.661	10346.786	4.623	12.5	-0.2	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.49	3685.017	10359.363	4.446	12.0	-4.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.49	3958.161	11056.828	4.475	12.1	-3.4	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.49	3837.447	10174.522	4.715	12.7	1.8	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.49	3298.528	9330.813	4.419	11.9	-4.6	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.49	3913.144	9864.154	4.959	13.4	7.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	4.49	3533.400	8671.927	5.093	13.7	9.9	NO		NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 980.793
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.00	11198.054		11198.054	11.4	-8.7	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	4.00	11599.387		11599.387	11.8	-5.4	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	3.99	12133.400		12133.400	12.4	-1.0	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	4.00	12253.402		12253.402	12.5	-0.1	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	4.00	12132.162		12132.162	12.4	-1.0	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	4.00	12259.918		12259.918	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.00	12396.612		12396.612	12.6	1.1	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	4.00	11332.890		11332.890	11.6	-7.6	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	4.00	12122.794		12122.794	12.4	-1.1	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	3.99	10417.729		10417.729	10.6	-15.0	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 1.20147
RRF SD: 0.0282705, Relative SD: 2.35298
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.00	11198.054	9572.597	14.623	12.2	-2.6	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.00	11599.387	9448.859	15.345	12.8	2.2	NO		NO	bb
3	3 200612P1-7	Standard	12.500	3.99	12133.400	9862.490	15.378	12.8	2.4	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.00	12253.402	10518.126	14.562	12.1	-3.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.00	12132.162	10376.952	14.614	12.2	-2.7	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.00	12259.918	10423.095	14.703	12.2	-2.1	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.00	12396.612	10123.170	15.307	12.7	1.9	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.00	11332.890	9409.992	15.054	12.5	0.2	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.00	12122.794	9843.668	15.394	12.8	2.5	NO		NO	bb
10	10 200612P1-14	Standard	12.500	3.99	10417.729	8565.273	15.203	12.7	1.2	NO		NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 176.789
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.54	1729.409		1729.409	9.8	-21.7	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	4.54	1990.891		1990.891	11.3	-9.9	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	4.53	2218.822		2218.822	12.6	0.4	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	4.53	2284.367		2284.367	12.9	3.4	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	4.54	2125.048		2125.048	12.0	-3.8	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	4.53	2209.868		2209.868	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.54	2247.290		2247.290	12.7	1.7	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	4.53	2083.083		2083.083	11.8	-5.7	NO		NO	MMX
9	9 200612P1-13	Standard	12.500	4.54	2142.244		2142.244	12.1	-3.1	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	4.53	1808.859		1808.859	10.2	-18.1	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.856672
RRF SD: 0.0860833, Relative SD: 10.0486
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	4.54	1729.409	2573.859	8.399	9.8	-21.6	NO		NO	bb
2	2	200612P1-6	Standard	12.500	4.54	1990.891	2684.051	9.272	10.8	-13.4	NO		NO	bb
3	3	200612P1-7	Standard	12.500	4.53	2224.458	2442.056	11.386	13.3	6.3	NO		NO	bb
4	4	200612P1-8	Standard	12.500	4.53	2284.367	2797.935	10.206	11.9	-4.7	NO		NO	bb
5	5	200612P1-9	Standard	12.500	4.54	2125.048	2380.941	11.157	13.0	4.2	NO		NO	bb
6	6	200612P1-10	Standard	12.500	4.53	2209.868	2446.226	11.292	13.2	5.5	NO		NO	bb
7	7	200612P1-11	Standard	12.500	4.54	2247.290	2511.399	11.185	13.1	4.5	NO		NO	bb
8	8	200612P1-12	Standard	12.500	4.53	2082.253	2255.596	11.539	13.5	7.8	NO		NO	MM
9	9	200612P1-13	Standard	12.500	4.54	2142.244	2320.385	11.540	13.5	7.8	NO		NO	bb
10	10	200612P1-14	Standard	12.500	4.53	1808.859	2035.636	11.107	13.0	3.7	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1114.43
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	4.83	12379.536		12379.536	11.1	-11.1	NO		NO	bbX
2	2	200612P1-6	Standard	12.500	4.83	12251.679		12251.679	11.0	-12.1	NO		NO	bbX
3	3	200612P1-7	Standard	12.500	4.82	13129.287		13129.287	11.8	-5.8	NO		NO	bbX
4	4	200612P1-8	Standard	12.500	4.83	13699.746		13699.746	12.3	-1.7	NO		NO	bbX
5	5	200612P1-9	Standard	12.500	4.83	13188.270		13188.270	11.8	-5.3	NO		NO	bbX
6	6	200612P1-10	Standard	12.500	4.83	13930.388		13930.388	12.5	0.0	NO		NO	bb
7	7	200612P1-11	Standard	12.500	4.83	14126.829		14126.829	12.7	1.4	NO		NO	bbX
8	8	200612P1-12	Standard	12.500	4.82	11937.631		11937.631	10.7	-14.3	NO		NO	bbX
9	9	200612P1-13	Standard	12.500	4.83	14176.130		14176.130	12.7	1.8	NO		NO	bbX
10	10	200612P1-14	Standard	12.500	4.82	11963.323		11963.323	10.7	-14.1	NO		NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 1.1887
RRF SD: 0.0737144, Relative SD: 6.20124
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.83	12379.536	10335.773	14.972	12.6	0.8	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.83	12251.679	10904.023	14.045	11.8	-5.5	NO		NO	bb
3	3 200612P1-7	Standard	12.500	4.82	13129.287	11194.11[illegible]	14.661	12.3	-1.3	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.83	13699.746	11659.786	14.687	12.4	-1.2	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.83	13188.270	12011.648	13.724	11.5	-7.6	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.83	13930.388	11691.592	14.894	12.5	0.2	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.83	14126.829	11148.485	15.839	13.3	6.6	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.82	11937.631	10742.048	13.891	11.7	-6.5	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.83	14176.130	10566.859	16.770	14.1	12.9	NO		NO	bb
10	10 200612P1-14	Standard	12.500	4.82	11963.323	9899.992	15.105	12.7	1.7	NO		NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 116.144
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.80	1361.296		1361.296	11.7	-6.2	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	4.80	1447.587		1447.587	12.5	-0.3	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	4.79	1426.614		1426.614	12.3	-1.7	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	4.79	1541.431		1541.431	13.3	6.2	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	4.80	1499.775		1499.775	12.9	3.3	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	4.79	1451.800		1451.800	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.80	1449.384		1449.384	12.5	-0.2	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	4.79	1456.143		1456.143	12.5	0.3	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	4.79	1376.196		1376.196	11.8	-5.2	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	4.79	1226.748		1226.748	10.6	-15.5	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.584514
RRF SD: 0.0374012, Relative SD: 6.39869
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.80	1361.296	2573.859	6.611	11.3	-9.5	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.80	1447.587	2684.051	6.742	11.5	-7.7	NO		NO	bb
3	3 200612P1-7	Standard	12.500	4.79	1426.614	2442.056	7.302	12.5	-0.1	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.79	1541.431	2797.935	6.886	11.8	-5.7	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.80	1499.775	2380.941	7.874	13.5	7.8	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.79	1451.800	2446.226	7.419	12.7	1.5	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.80	1449.384	2511.399	7.214	12.3	-1.3	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.79	1456.143	2255.596	8.070	13.8	10.4	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.79	1376.196	2320.385	7.414	12.7	1.5	NO		NO	bb
10	10 200612P1-14	Standard	12.500	4.79	1226.748	2035.636	7.533	12.9	3.1	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 289.734
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.98	2837.487		2837.487	9.8	-21.7	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	4.98	3023.243		3023.243	10.4	-16.5	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	4.98	3300.237		3300.237	11.4	-8.9	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	4.98	3208.602		3208.602	11.1	-11.4	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	4.98	3249.536		3249.536	11.2	-10.3	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	4.98	3621.677		3621.677	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.98	3508.943		3508.943	12.1	-3.1	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	4.98	3139.966		3139.966	10.8	-13.3	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	4.98	3734.959		3734.959	12.9	3.1	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	4.97	3073.959		3073.959	10.6	-15.1	NO		NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.329301
RRF SD: 0.0241478, Relative SD: 7.33306
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.98	2837.487	9293.428	3.817	11.6	-7.3	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.98	3023.243	9627.084	3.925	11.9	-4.6	NO		NO	bb
3	3 200612P1-7	Standard	12.500	4.98	3300.237	10721.783	3.848	11.7	-6.5	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.98	3208.602	10346.786	3.876	11.8	-5.8	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.98	3249.536	10359.363	3.921	11.9	-4.7	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.98	3621.677	11056.828	4.094	12.4	-0.5	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.98	3508.943	10174.522	4.311	13.1	4.7	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.98	3139.966	9330.813	4.206	12.8	2.2	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.98	3734.959	9864.154	4.733	14.4	15.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	4.97	3073.959	8671.927	4.431	13.5	7.6	NO		NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1210.11
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.16	13171.796		13171.796	10.9	-12.9	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	5.16	13526.979		13526.979	11.2	-10.6	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	5.16	13744.767		13744.767	11.4	-9.1	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	5.16	14111.685		14111.685	11.7	-6.7	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	5.16	14594.305		14594.305	12.1	-3.5	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	5.16	15126.432		15126.432	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.16	14712.659		14712.659	12.2	-2.7	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	5.16	13765.065		13765.065	11.4	-9.0	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	5.16	14510.164		14510.164	12.0	-4.1	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	5.16	12712.058		12712.058	10.5	-16.0	NO		NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.41032
RRF SD: 0.0603314, Relative SD: 4.27783
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.16	13171.796	9293.428	17.717	12.6	0.5	NO		NO	bb
2	2 200612P1-6	Standard	12.500	5.16	13526.979	9627.084	17.564	12.5	-0.4	NO		NO	bb
3	3 200612P1-7	Standard	12.500	5.16	13744.767	10721.783	16.024	11.4	-9.1	NO		NO	bb
4	4 200612P1-8	Standard	12.500	5.16	14111.685	10346.786	17.048	12.1	-3.3	NO		NO	bb
5	5 200612P1-9	Standard	12.500	5.16	14594.305	10359.363	17.610	12.5	-0.1	NO		NO	bb
6	6 200612P1-10	Standard	12.500	5.16	15126.432	11056.828	17.101	12.1	-3.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.16	14712.659	10174.522	18.075	12.8	2.5	NO		NO	bb
8	8 200612P1-12	Standard	12.500	5.16	13765.065	9330.813	18.440	13.1	4.6	NO		NO	bb
9	9 200612P1-13	Standard	12.500	5.16	14510.164	9864.154	18.387	13.0	4.3	NO		NO	bb
10	10 200612P1-14	Standard	12.500	5.16	12712.058	8671.927	18.324	13.0	3.9	NO		NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 195.179
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.14	2035.881		2035.881	10.4	-16.6	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	5.14	2007.207		2007.207	10.3	-17.7	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	5.14	2151.411		2151.411	11.0	-11.8	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	5.14	2087.248		2087.248	10.7	-14.4	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	5.14	2300.278		2300.278	11.8	-5.7	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	5.14	2439.732		2439.732	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.14	2302.009		2302.009	11.8	-5.6	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	5.14	2042.114		2042.114	10.5	-16.3	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	5.14	2030.058		2030.058	10.4	-16.8	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	5.13	1929.412		1929.412	9.9	-20.9	NO		NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.214605
RRF SD: 0.00944535, Relative SD: 4.40127
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.14	2035.881	9293.428	2.738	12.8	2.1	NO		NO	bb
2	2 200612P1-6	Standard	12.500	5.14	2007.207	9627.084	2.606	12.1	-2.8	NO		NO	bb
3	3 200612P1-7	Standard	12.500	5.14	2151.411	10721.783	2.508	11.7	-6.5	NO		NO	bb
4	4 200612P1-8	Standard	12.500	5.14	2087.248	10346.786	2.522	11.8	-6.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	5.14	2300.278	10359.363	2.776	12.9	3.5	NO		NO	bb
6	6 200612P1-10	Standard	12.500	5.14	2439.732	11056.828	2.758	12.9	2.8	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.14	2302.009	10174.522	2.828	13.2	5.4	NO		NO	bb
8	8 200612P1-12	Standard	12.500	5.14	2042.114	9330.813	2.736	12.7	2.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	5.14	2030.058	9864.154	2.573	12.0	-4.1	NO		NO	bb
10	10 200612P1-14	Standard	12.500	5.13	1929.412	8671.927	2.781	13.0	3.7	NO		NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1353.51
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.45	15136.337		15136.337	11.2	-10.5	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	5.45	16154.992		16154.992	11.9	-4.5	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	5.44	16595.891		16595.891	12.3	-1.9	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	5.45	16812.918		16812.918	12.4	-0.6	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	5.45	16364.320		16364.320	12.1	-3.3	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	5.44	16918.914		16918.914	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.45	17281.723		17281.723	12.8	2.1	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	5.44	14945.926		14945.926	11.0	-11.7	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	5.44	16657.916		16657.916	12.3	-1.5	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	5.44	14439.292		14439.292	10.7	-14.7	NO		NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.46564
RRF SD: 0.0642002, Relative SD: 4.38034
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.45	15136.337	10335.773	18.306	12.5	-0.1	NO		NO	bb
2	2 200612P1-6	Standard	12.500	5.45	16154.992	10904.023	18.520	12.6	1.1	NO		NO	bb
3	3 200612P1-7	Standard	12.500	5.44	16595.891	11194.11	18.532	12.6	1.2	NO		NO	bb
4	4 200612P1-8	Standard	12.500	5.45	16812.918	11659.786	18.024	12.3	-1.6	NO		NO	bb
5	5 200612P1-9	Standard	12.500	5.45	16364.320	12011.648	17.030	11.6	-7.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	5.44	16918.914	11691.592	18.089	12.3	-1.3	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.45	17281.723	11148.485	19.377	13.2	5.8	NO		NO	bb
8	8 200612P1-12	Standard	12.500	5.44	14945.926	10742.048	17.392	11.9	-5.1	NO		NO	bb
9	9 200612P1-13	Standard	12.500	5.44	16657.916	10566.859	19.705	13.4	7.6	NO		NO	bb
10	10 200612P1-14	Standard	12.500	5.44	14439.292	9899.992	18.231	12.4	-0.5	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 85.5514
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.43	1092.598		1092.598	12.8	2.2	NO		NO	MMX
2	2 200612P1-6	Standard	12.500	5.43	910.786		910.786	10.6	-14.8	NO		NO	MMX
3	3 200612P1-7	Standard	12.500	5.43	1068.428		1068.428	12.5	-0.1	NO		NO	MMX
4	4 200612P1-8	Standard	12.500	5.43	1136.561		1136.561	13.3	6.3	NO		NO	MMX
5	5 200612P1-9	Standard	12.500	5.43	1006.691		1006.691	11.8	-5.9	NO		NO	MMX
6	6 200612P1-10	Standard	12.500	5.43	1069.393		1069.393	12.5	0.0	NO		NO	MM
7	7 200612P1-11	Standard	12.500	5.43	966.171		966.171	11.3	-9.7	NO		NO	MMX
8	8 200612P1-12	Standard	12.500	5.43	856.291		856.291	10.0	-19.9	NO		NO	MMX
9	9 200612P1-13	Standard	12.500	5.42	944.343		944.343	11.0	-11.7	NO		NO	MMX
10	10 200612P1-14	Standard	12.500	5.42	807.949		807.949	9.4	-24.4	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.400906
RRF SD: 0.0295686, Relative SD: 7.37544
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.43	1083.691	2573.859	5.263	13.1	5.0	NO		NO	bb
2	2 200612P1-6	Standard	12.500	5.43	907.398	2684.051	4.226	10.5	-15.7	NO		NO	bb
3	3 200612P1-7	Standard	12.500	5.43	1059.716	2442.056	5.424	13.5	8.2	NO		NO	bb
4	4 200612P1-8	Standard	12.500	5.43	1127.328	2797.935	5.036	12.6	0.5	NO		NO	bb
5	5 200612P1-9	Standard	12.500	5.43	1000.385	2380.941	5.252	13.1	4.8	NO		NO	bb
6	6 200612P1-10	Standard	12.500	5.43	1062.462	2446.226	5.429	13.5	8.3	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.43	954.058	2511.399	4.749	11.8	-5.2	NO		NO	bb
8	8 200612P1-12	Standard	12.500	5.43	856.462	2255.596	4.746	11.8	-5.3	NO		NO	MM
9	9 200612P1-13	Standard	12.500	5.42	936.937	2320.385	5.047	12.6	0.7	NO		NO	bb
10	10 200612P1-14	Standard	12.500	5.42	804.523	2035.636	4.940	12.3	-1.4	NO		NO	bb

Compound name: d3-N-MeFOSA-EIS
Response Factor: 76.1934
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	5.51	9533.255		9533.255	125.1	-16.1	NO		NO	bbX
2	2 200612P1-6	Standard	149.200	5.51	10821.169		10821.169	142.0	-4.8	NO		NO	bbX
3	3 200612P1-7	Standard	149.200	5.51	10516.395		10516.395	138.0	-7.5	NO		NO	bbX
4	4 200612P1-8	Standard	149.200	5.51	10871.787		10871.787	142.7	-4.4	NO		NO	bbX
5	5 200612P1-9	Standard	149.200	5.51	10786.096		10786.096	141.6	-5.1	NO		NO	bbX
6	6 200612P1-10	Standard	149.200	5.51	11368.062		11368.062	149.2	0.0	NO		NO	bb
7	7 200612P1-11	Standard	149.200	5.51	10957.036		10957.036	143.8	-3.6	NO		NO	bbX
8	8 200612P1-12	Standard	149.200	5.51	10567.395		10567.395	138.7	-7.0	NO		NO	bbX
9	9 200612P1-13	Standard	149.200	5.51	11712.097		11712.097	153.7	3.0	NO		NO	bbX
10	10 200612P1-14	Standard	149.200	5.50	11872.182		11872.182	155.8	4.4	NO		NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0922971
RRF SD: 0.00938355, Relative SD: 10.1667
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	5.51	9533.255	9293.428	12.823	138.9	-6.9	NO		NO	bb
2	2 200612P1-6	Standard	149.200	5.51	10821.169	9627.084	14.050	152.2	2.0	NO		NO	bb
3	3 200612P1-7	Standard	149.200	5.51	10516.395	10721.783	12.261	132.8	-11.0	NO		NO	bb
4	4 200612P1-8	Standard	149.200	5.51	10871.787	10346.786	13.134	142.3	-4.6	NO		NO	bb
5	5 200612P1-9	Standard	149.200	5.51	10786.096	10359.363	13.015	141.0	-5.5	NO		NO	bb
6	6 200612P1-10	Standard	149.200	5.51	11368.062	11056.828	12.852	139.2	-6.7	NO		NO	bb
7	7 200612P1-11	Standard	149.200	5.51	10957.036	10174.522	13.461	145.8	-2.2	NO		NO	bb
8	8 200612P1-12	Standard	149.200	5.51	10567.395	9330.813	14.157	153.4	2.8	NO		NO	bb
9	9 200612P1-13	Standard	149.200	5.51	11712.097	9864.154	14.842	160.8	7.8	NO		NO	bb
10	10 200612P1-14	Standard	149.200	5.50	11872.182	8671.927	17.113	185.4	24.3	NO		NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1111.55
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.92	12095.881		12095.881	10.9	-12.9	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	5.91	13154.412		13154.412	11.8	-5.3	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	5.91	13254.069		13254.069	11.9	-4.6	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	5.92	13065.664		13065.664	11.8	-6.0	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	5.91	13111.274		13111.274	11.8	-5.6	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	5.91	13894.361		13894.361	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.91	14463.355		14463.355	13.0	4.1	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	5.91	12365.345		12365.345	11.1	-11.0	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	5.91	13767.445		13767.445	12.4	-0.9	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	5.91	11745.770		11745.770	10.6	-15.5	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 1.31861
RRF SD: 0.0641156, Relative SD: 4.86237
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.92	12095.881	9293.428	16.269	12.3	-1.3	NO		NO	bb
2	2 200612P1-6	Standard	12.500	5.91	13154.412	9627.084	17.080	13.0	3.6	NO		NO	bb
3	3 200612P1-7	Standard	12.500	5.91	13254.069	10721.783	15.452	11.7	-6.3	NO		NO	bb
4	4 200612P1-8	Standard	12.500	5.92	13065.664	10346.786	15.785	12.0	-4.2	NO		NO	bb
5	5 200612P1-9	Standard	12.500	5.91	13111.274	10359.363	15.821	12.0	-4.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	5.91	13894.361	11056.828	15.708	11.9	-4.7	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.91	14463.355	10174.522	17.769	13.5	7.8	NO		NO	bb
8	8 200612P1-12	Standard	12.500	5.91	12365.345	9330.813	16.565	12.6	0.5	NO		NO	bb
9	9 200612P1-13	Standard	12.500	5.91	13767.445	9864.154	17.446	13.2	5.8	NO		NO	bb
10	10 200612P1-14	Standard	12.500	5.91	11745.770	8671.927	16.931	12.8	2.7	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 118.065
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	5.98	16160.729		16160.729	136.9	-8.3	NO		NO	bbX
2	2 200612P1-6	Standard	149.200	5.98	16597.836		16597.836	140.6	-5.8	NO		NO	bbX
3	3 200612P1-7	Standard	149.200	5.97	16014.033		16014.033	135.6	-9.1	NO		NO	bbX
4	4 200612P1-8	Standard	149.200	5.98	17312.672		17312.672	146.6	-1.7	NO		NO	bbX
5	5 200612P1-9	Standard	149.200	5.98	16836.988		16836.988	142.6	-4.4	NO		NO	bbX
6	6 200612P1-10	Standard	149.200	5.97	17615.303		17615.303	149.2	0.0	NO		NO	bb
7	7 200612P1-11	Standard	149.200	5.97	16856.648		16856.648	142.8	-4.3	NO		NO	bbX
8	8 200612P1-12	Standard	149.200	5.97	16035.341		16035.341	135.8	-9.0	NO		NO	bbX
9	9 200612P1-13	Standard	149.200	5.97	16831.533		16831.533	142.6	-4.4	NO		NO	bbX
10	10 200612P1-14	Standard	149.200	5.97	15893.410		15893.410	134.6	-9.8	NO		NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.140438
RRF SD: 0.00773184, Relative SD: 5.50552
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	5.98	16160.729	9293.428	21.737	154.8	3.7	NO		NO	bb
2	2 200612P1-6	Standard	149.200	5.98	16597.836	9627.084	21.551	153.5	2.9	NO		NO	bb
3	3 200612P1-7	Standard	149.200	5.97	16014.033	10721.783	18.670	132.9	-10.9	NO		NO	bb
4	4 200612P1-8	Standard	149.200	5.98	17312.672	10346.786	20.916	148.9	-0.2	NO		NO	bb
5	5 200612P1-9	Standard	149.200	5.98	16836.988	10359.363	20.316	144.7	-3.0	NO		NO	bb
6	6 200612P1-10	Standard	149.200	5.97	17615.303	11056.828	19.915	141.8	-5.0	NO		NO	bb
7	7 200612P1-11	Standard	149.200	5.97	16856.648	10174.522	20.709	147.5	-1.2	NO		NO	bb
8	8 200612P1-12	Standard	149.200	5.97	16035.341	9330.813	21.482	153.0	2.5	NO		NO	bb
9	9 200612P1-13	Standard	149.200	5.97	16831.533	9864.154	21.329	151.9	1.8	NO		NO	bb
10	10 200612P1-14	Standard	149.200	5.97	15893.410	8671.927	22.909	163.1	9.3	NO		NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1697.59
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	6.28	18975.824		18975.824	11.2	-10.6	NO		NO	bbX
2	2 200612P1-6	Standard	12.500	6.27	19786.697		19786.697	11.7	-6.8	NO		NO	bbX
3	3 200612P1-7	Standard	12.500	6.27	19878.133		19878.133	11.7	-6.3	NO		NO	bbX
4	4 200612P1-8	Standard	12.500	6.27	19922.334		19922.334	11.7	-6.1	NO		NO	bbX
5	5 200612P1-9	Standard	12.500	6.27	20301.568		20301.568	12.0	-4.3	NO		NO	bbX
6	6 200612P1-10	Standard	12.500	6.27	21219.936		21219.936	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	6.27	21456.963		21456.963	12.6	1.1	NO		NO	bbX
8	8 200612P1-12	Standard	12.500	6.27	18957.781		18957.781	11.2	-10.7	NO		NO	bbX
9	9 200612P1-13	Standard	12.500	6.27	20220.154		20220.154	11.9	-4.7	NO		NO	bbX
10	10 200612P1-14	Standard	12.500	6.27	16883.855		16883.855	9.9	-20.4	NO		NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.9893
RRF SD: 0.079484, Relative SD: 3.99558
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	6.28	18975.824	9293.428	25.523	12.8	2.6	NO		NO	bb
2	2 200612P1-6	Standard	12.500	6.27	19786.697	9627.084	25.691	12.9	3.3	NO		NO	bb
3	3 200612P1-7	Standard	12.500	6.27	19878.133	10721.783	23.175	11.6	-6.8	NO		NO	bb
4	4 200612P1-8	Standard	12.500	6.27	19922.334	10346.786	24.068	12.1	-3.2	NO		NO	bb
5	5 200612P1-9	Standard	12.500	6.27	20301.568	10359.363	24.497	12.3	-1.5	NO		NO	bb
6	6 200612P1-10	Standard	12.500	6.27	21219.936	11056.828	23.990	12.1	-3.5	NO		NO	bb
7	7 200612P1-11	Standard	12.500	6.27	21456.963	10174.522	26.361	13.3	6.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	6.27	18957.781	9330.813	25.397	12.8	2.1	NO		NO	bb
9	9 200612P1-13	Standard	12.500	6.27	20220.154	9864.154	25.623	12.9	3.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	6.27	16883.855	8671.927	24.337	12.2	-2.1	NO		NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 118.317
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	6.22	14964.681		14964.681	126.5	-15.2	NO		NO	bbX
2	2 200612P1-6	Standard	149.200	6.22	16047.331		16047.331	135.6	-9.1	NO		NO	bbX
3	3 200612P1-7	Standard	149.200	6.22	15394.250		15394.250	130.1	-12.8	NO		NO	bbX
4	4 200612P1-8	Standard	149.200	6.22	16183.775		16183.775	136.8	-8.3	NO		NO	bbX
5	5 200612P1-9	Standard	149.200	6.22	16030.164		16030.164	135.5	-9.2	NO		NO	bbX
6	6 200612P1-10	Standard	149.200	6.22	17652.891		17652.891	149.2	0.0	NO		NO	bb
7	7 200612P1-11	Standard	149.200	6.22	16434.592		16434.592	138.9	-6.9	NO		NO	bbX
8	8 200612P1-12	Standard	149.200	6.21	15077.112		15077.112	127.4	-14.6	NO		NO	bbX
9	9 200612P1-13	Standard	149.200	6.21	16326.858		16326.858	138.0	-7.5	NO		NO	bbX
10	10 200612P1-14	Standard	149.200	6.21	15836.225		15836.225	133.8	-10.3	NO		NO	bbX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.136357
RRF SD: 0.00853633, Relative SD: 6.2603
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	6.22	15113.062	9293.428	20.328	149.1	-0.1	NO		NO	MM
2	2 200612P1-6	Standard	149.200	6.22	16237.739	9627.084	21.083	154.6	3.6	NO		NO	MM
3	3 200612P1-7	Standard	149.200	6.22	15556.605	10721.783	18.137	133.0	-10.9	NO		NO	MM
4	4 200612P1-8	Standard	149.200	6.22	16291.678	10346.786	19.682	144.3	-3.3	NO		NO	MM
5	5 200612P1-9	Standard	149.200	6.22	16163.920	10359.363	19.504	143.0	-4.1	NO		NO	MM
6	6 200612P1-10	Standard	149.200	6.22	17652.891	11056.828	19.957	146.4	-1.9	NO		NO	bb
7	7 200612P1-11	Standard	149.200	6.22	16616.631	10174.522	20.415	149.7	0.3	NO		NO	MM
8	8 200612P1-12	Standard	149.200	6.21	15197.156	9330.813	20.359	149.3	0.1	NO		NO	MM
9	9 200612P1-13	Standard	149.200	6.21	16477.283	9864.154	20.880	153.1	2.6	NO		NO	MM
10	10 200612P1-14	Standard	149.200	6.21	16025.456	8671.927	23.100	169.4	13.5	NO		NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 117.043
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	6.37	15635.668		15635.668	133.6	-10.5	NO		NO	bbX
2	2 200612P1-6	Standard	149.200	6.37	16730.717		16730.717	142.9	-4.2	NO		NO	bbX
3	3 200612P1-7	Standard	149.200	6.37	17307.189		17307.189	147.9	-0.9	NO		NO	bbX
4	4 200612P1-8	Standard	149.200	6.37	17283.525		17283.525	147.7	-1.0	NO		NO	bbX
5	5 200612P1-9	Standard	149.200	6.37	17533.047		17533.047	149.8	0.4	NO		NO	bbX
6	6 200612P1-10	Standard	149.200	6.37	17462.781		17462.781	149.2	0.0	NO		NO	bb
7	7 200612P1-11	Standard	149.200	6.37	16937.842		16937.842	144.7	-3.0	NO		NO	bbX
8	8 200612P1-12	Standard	149.200	6.36	16411.793		16411.793	140.2	-6.0	NO		NO	bbX
9	9 200612P1-13	Standard	149.200	6.36	17565.570		17565.570	150.1	0.6	NO		NO	bbX
10	10 200612P1-14	Standard	149.200	6.36	17296.984		17296.984	147.8	-0.9	NO		NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.143863
RRF SD: 0.00968207, Relative SD: 6.73005
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	149.200	6.37	15635.668	9293.428	21.031	146.2	-2.0	NO		NO	bb
2	2 200612P1-6	Standard	149.200	6.37	16730.717	9627.084	21.724	151.0	1.2	NO		NO	bb
3	3 200612P1-7	Standard	149.200	6.37	17283.340	10721.783	20.150	140.1	-6.1	NO		NO	bb
4	4 200612P1-8	Standard	149.200	6.37	17283.525	10346.786	20.880	145.1	-2.7	NO		NO	bb
5	5 200612P1-9	Standard	149.200	6.37	17533.047	10359.363	21.156	147.1	-1.4	NO		NO	bb
6	6 200612P1-10	Standard	149.200	6.37	17462.781	11056.828	19.742	137.2	-8.0	NO		NO	bb
7	7 200612P1-11	Standard	149.200	6.37	16917.123	10174.522	20.784	144.5	-3.2	NO		NO	bb
8	8 200612P1-12	Standard	149.200	6.36	16411.793	9330.813	21.986	152.8	2.4	NO		NO	bb
9	9 200612P1-13	Standard	149.200	6.36	17565.570	9864.154	22.259	154.7	3.7	NO		NO	bb
10	10 200612P1-14	Standard	149.200	6.36	17296.984	8671.927	24.932	173.3	16.2	NO		NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	1.14	4160.485	4160.485	12.500	12.5	0.0	NO		NO	MM
2	2 200612P1-6	Standard	12.500	1.14	4366.839	4366.839	12.500	12.5	0.0	NO		NO	bb
3	3 200612P1-7	Standard	12.500	1.14	4450.257	4450.257	12.500	12.5	0.0	NO		NO	bb
4	4 200612P1-8	Standard	12.500	1.14	4667.434	4667.434	12.500	12.5	0.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	1.14	4552.445	4552.445	12.500	12.5	0.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	1.14	4651.098	4651.098	12.500	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	1.14	4510.953	4510.953	12.500	12.5	0.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	1.14	4695.932	4695.932	12.500	12.5	0.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	1.14	4771.016	4771.016	12.500	12.5	0.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	1.14	4969.882	4969.882	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	2.86	11247.300	11247.300	12.500	12.5	0.0	NO		NO	bb
2	2 200612P1-6	Standard	12.500	2.86	11580.378	11580.378	12.500	12.5	0.0	NO		NO	bb
3	3 200612P1-7	Standard	12.500	2.86	11212.191	11212.191	12.500	12.5	0.0	NO		NO	bb
4	4 200612P1-8	Standard	12.500	2.86	11955.750	11955.750	12.500	12.5	0.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	2.87	11664.934	11664.934	12.500	12.5	0.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	2.86	12324.577	12324.577	12.500	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	2.86	11648.745	11648.745	12.500	12.5	0.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	2.86	10835.485	10835.485	12.500	12.5	0.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	2.86	11779.639	11779.639	12.500	12.5	0.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	2.86	11465.837	11465.837	12.500	12.5	0.0	NO		NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 8.27511e-017, Relative SD: 8.27511e-015
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	3.64	804.075	804.075	12.500	12.5	0.0	NO		NO	bb
2	2 200612P1-6	Standard	12.500	3.64	826.069	826.069	12.500	12.5	0.0	NO		NO	bb
3	3 200612P1-7	Standard	12.500	3.63	957.238	957.238	12.500	12.5	0.0	NO		NO	bb
4	4 200612P1-8	Standard	12.500	3.64	859.168	859.168	12.500	12.5	0.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	3.64	842.793	842.793	12.500	12.5	0.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	3.64	921.751	921.751	12.500	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	3.64	905.322	905.322	12.500	12.5	0.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	3.64	837.268	837.268	12.500	12.5	0.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	3.64	864.839	864.839	12.500	12.5	0.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	3.63	720.389	720.389	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	4.00	9572.597	9572.597	12.500	12.5	0.0	NO		NO	bb
2	2	200612P1-6	Standard	12.500	3.99	9448.859	9448.859	12.500	12.5	0.0	NO		NO	bb
3	3	200612P1-7	Standard	12.500	3.99	9862.490	9862.490	12.500	12.5	0.0	NO		NO	bb
4	4	200612P1-8	Standard	12.500	4.00	10518.126	10518.126	12.500	12.5	0.0	NO		NO	bb
5	5	200612P1-9	Standard	12.500	4.00	10376.952	10376.952	12.500	12.5	0.0	NO		NO	bb
6	6	200612P1-10	Standard	12.500	4.00	10423.095	10423.095	12.500	12.5	0.0	NO		NO	bb
7	7	200612P1-11	Standard	12.500	4.00	10123.170	10123.170	12.500	12.5	0.0	NO		NO	bb
8	8	200612P1-12	Standard	12.500	3.99	9409.992	9409.992	12.500	12.5	0.0	NO		NO	bb
9	9	200612P1-13	Standard	12.500	4.00	9843.668	9843.668	12.500	12.5	0.0	NO		NO	bb
10	10	200612P1-14	Standard	12.500	3.99	8565.273	8565.273	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200612P1-5	Standard	12.500	4.45	10481.623	10481.623	12.500	12.5	0.0	NO		NO	bb
2	2	200612P1-6	Standard	12.500	4.44	11122.900	11122.900	12.500	12.5	0.0	NO		NO	bb
3	3	200612P1-7	Standard	12.500	4.44	10981.699	10981.699	12.500	12.5	0.0	NO		NO	bb
4	4	200612P1-8	Standard	12.500	4.44	11573.622	11573.622	12.500	12.5	0.0	NO		NO	bb
5	5	200612P1-9	Standard	12.500	4.44	10959.084	10959.084	12.500	12.5	0.0	NO		NO	bb
6	6	200612P1-10	Standard	12.500	4.45	11775.647	11775.647	12.500	12.5	0.0	NO		NO	bb
7	7	200612P1-11	Standard	12.500	4.45	11281.498	11281.498	12.500	12.5	0.0	NO		NO	bb
8	8	200612P1-12	Standard	12.500	4.44	10403.482	10403.482	12.500	12.5	0.0	NO		NO	bb
9	9	200612P1-13	Standard	12.500	4.44	10468.950	10468.950	12.500	12.5	0.0	NO		NO	bb
10	10	200612P1-14	Standard	12.500	4.44	9844.850	9844.850	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.54	2573.859	2573.859	12.500	12.5	0.0	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.54	2684.051	2684.051	12.500	12.5	0.0	NO		NO	bb
3	3 200612P1-7	Standard	12.500	4.53	2442.056	2442.056	12.500	12.5	0.0	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.54	2797.935	2797.935	12.500	12.5	0.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.54	2380.941	2380.941	12.500	12.5	0.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.54	2446.226	2446.226	12.500	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.54	2511.399	2511.399	12.500	12.5	0.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.53	2255.596	2255.596	12.500	12.5	0.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.54	2320.385	2320.385	12.500	12.5	0.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	4.53	2035.636	2035.636	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	4.83	10335.773	10335.773	12.500	12.5	0.0	NO		NO	bb
2	2 200612P1-6	Standard	12.500	4.83	10904.023	10904.023	12.500	12.5	0.0	NO		NO	bb
3	3 200612P1-7	Standard	12.500	4.82	11194.119	11194.119	12.500	12.5	0.0	NO		NO	bb
4	4 200612P1-8	Standard	12.500	4.83	11659.786	11659.786	12.500	12.5	0.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	4.83	12011.648	12011.648	12.500	12.5	0.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	4.83	11691.592	11691.592	12.500	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	4.83	11148.485	11148.485	12.500	12.5	0.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	4.82	10742.048	10742.048	12.500	12.5	0.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	4.82	10566.859	10566.859	12.500	12.5	0.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	4.82	9899.992	9899.992	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200612P1-5	Standard	12.500	5.16	9293.428	9293.428	12.500	12.5	0.0	NO		NO	bb
2	2 200612P1-6	Standard	12.500	5.16	9627.084	9627.084	12.500	12.5	0.0	NO		NO	bb
3	3 200612P1-7	Standard	12.500	5.16	10721.783	10721.783	12.500	12.5	0.0	NO		NO	bb
4	4 200612P1-8	Standard	12.500	5.16	10346.786	10346.786	12.500	12.5	0.0	NO		NO	bb
5	5 200612P1-9	Standard	12.500	5.16	10359.363	10359.363	12.500	12.5	0.0	NO		NO	bb
6	6 200612P1-10	Standard	12.500	5.16	11056.828	11056.828	12.500	12.5	0.0	NO		NO	bb
7	7 200612P1-11	Standard	12.500	5.16	10174.522	10174.522	12.500	12.5	0.0	NO		NO	bb
8	8 200612P1-12	Standard	12.500	5.16	9330.813	9330.813	12.500	12.5	0.0	NO		NO	bb
9	9 200612P1-13	Standard	12.500	5.16	9864.154	9864.154	12.500	12.5	0.0	NO		NO	bb
10	10 200612P1-14	Standard	12.500	5.16	8671.927	8671.927	12.500	12.5	0.0	NO		NO	bb

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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

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	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9986	NO	
2	2	PFPrS	51	0.9983	NO	
3	3	3:3 FTCA	49	0.9982	NO	
4	4	PFPeA	49	0.9990	NO	
5	5	PFBS	51	0.9974	NO	
6	6	4:2 FTS	55	0.9997	NO	
7	7	PFHxA	57	0.9992	NO	
8	8	PFPeS	51	0.9974	NO	
9	9	HFPO-DA	53	0.9994	NO	
10	10	5:3 FTCA	59	0.9991	NO	
11	11	PFHpA	59	0.9995	NO	
12	12	ADONA	59	0.9988	NO	
13	13	L-PFHxS	61	0.9989	NO	
14	15	6:2 FTS	63	0.9978	NO	
15	16	L-PFOA	69	0.9992	NO	
16	18	PFecHS	69	0.9995	NO	
17	19	PFHpS	71	0.9991	NO	
18	20	7:3 FTCA	65	0.9980	NO	
19	21	PFNA	65	0.9991	NO	
20	22	PFOSA	67	0.9977	NO	
21	23	L-PFOS	71	0.9986	NO	
22	25	9Cl-PF30NS	71	0.9971	NO	
23	26	PFDA	73	0.9982	NO	
24	27	8:2 FTS	75	0.9976	NO	
25	28	PFNS	71	0.9991	NO	
26	29	L-MeFOSAA	77	0.9967	NO	

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Printed: Friday, June 12, 2020 13:35:02 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:58:24
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	81	0.9993	NO	
2	33	PFUdA	79	0.9995	NO	
3	34	PFDS	71	0.9996	NO	
4	35	11Cl-PF30UdS	83	0.9993	NO	
5	36	10:2 FTS	85	0.9982	NO	
6	37	PFDoA	83	0.9985	NO	
7	38	N-MeFOSA	87	0.9995	NO	
8	39	PFTrDA	83	0.9993	NO	
9	40	PFDoS	89	0.9982	NO	
10	41	PFTeDA	89	0.9984	NO	
11	42	N-EtFOSA	91	0.9997	NO	
12	43	PFHxDA	93	0.9987	NO	
13	44	PFODA	93	0.9995	NO	
14	45	N-MeFOSE	95	0.9993	NO	
15	46	N-EtFOSE	97	0.9992	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	99		NO	2.002
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	100		NO	6.350
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	101		NO	5.987
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	100		NO	7.172
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	101		NO	7.471
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	100		NO	4.476
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	100		NO	3.860
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	101		NO	5.183
32	63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 13:32:38 Pacific Daylight Time
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Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
33	64	13C2-6:2 FTS-RSD	104		NO	6.007
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	103		NO	5.291
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	106		NO	5.472
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	102		NO	2.353
40	71	13C8-PFOS-EIS			NO	0.000
41	72	13C8-PFOS-RSD	104		NO	10.049
42	73	13C2-PFDA-EIS			NO	0.000
43	74	13C2-PFDA-RSD	105		NO	6.201
44	75	13C2-8:2 FTS-EIS			NO	0.000
45	76	13C2-8:2 FTS-RSD	104		NO	6.399
46	77	d3-N-MeFOSAA-EIS			NO	0.000
47	78	d3-N-MeFOSAA-RSD	106		NO	7.333
48	79	13C2-PFUdA-EIS			NO	0.000
49	80	13C2-PFUdA-RSD	106		NO	4.278
50	81	d5-N-EtFOSAA-EIS			NO	0.000
51	82	d5-N-EtFOSAA-RSD	106		NO	4.401
52	83	13C2-PFDoA-EIS			NO	0.000
53	84	13C2-PFDoA-RSD	105		NO	4.380
54	85	13C2-10:2 FTS-EIS			NO	0.000
55	86	13C2-10:2 FTS-RSD	104		NO	7.375
56	87	d3-N-MeFOSA-EIS			NO	0.000
57	88	d3-N-MeFOSA-RSD	106		NO	10.167
58	89	13C2-PFTeDA-EIS			NO	0.000
59	90	13C2-PFTeDA-RSD	106		NO	4.862
60	91	d5-N-ETFOSA-EIS			NO	0.000
61	92	d5-N-ETFOSA-RSD	106		NO	5.506
62	93	13C2-PFHxDA-EIS			NO	0.000
63	94	13C2-PFHxDA-RSD	106		NO	3.996
64	95	d7-N-MeFOSE-EIS			NO	0.000
65	96	d7-N-MeFOSE-RSD	106		NO	6.260
66	97	d9-N-EtFOSE-EIS			NO	0.000
67	98	d9-N-EtFOSE-RSD	106		NO	6.730
68	99	13C4-PFBA	99		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 13:32:38 Pacific Daylight Time
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Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
69	1...	13C5-PFHxA	100		NO	0.000
70	1...	18O2-PFHxS	101		NO	0.000
71	1...	13C8-PFOA	102		NO	0.000
72	1...	13C9-PFNA	103		NO	0.000
73	1...	13C4-PFOS	104		NO	0.000
74	1...	13C6-PFDA	105		NO	0.000
75	1...	13C7-PFUdA	106		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 13:41:12 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:41:21 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 13:41:11
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.14	1.14			
2	2	PFPrS	1.51	1.47	2.786	2.786	NO
3	3	3:3 FTCA	1.94	1.93	3.428	3.428	NO
4	4	PFPeA	2.06	2.06			
5	5	PFBS	2.35	2.34	2.379	2.379	NO
6	6	4:2 FTS	2.79	2.78	14.317	14.317	NO
7	7	PFHxA	2.86	2.87	17.452	17.452	NO
8	8	PFPeS	3.04	3.08	2.052	2.052	NO
9	9	HFPO-DA	3.09	3.09	2.231	2.231	NO
10	10	5:3 FTCA	3.44	3.43	1.677	1.677	NO
11	11	PFHpA	3.49	3.49	56.085	56.085	NO
12	12	ADONA	3.58	3.60	3.878	3.878	NO
13	13	L-PFHxS	3.64	3.64	4.137	4.137	NO
14	15	6:2 FTS	3.94	3.94	0.830	0.830	NO
15	16	L-PFOA	4.00	4.00	3.139	3.139	NO
16	18	PFecHS	4.01	4.01	0.505	0.505	NO
17	19	PFHpS	4.16	4.12	1.747	1.747	NO
18	20	7:3 FTCA	4.44	4.43	1.305	1.305	NO
19	21	PFNA	4.45	4.45	12.746	12.746	NO
20	22	PFOSA	4.49	4.49	16.410	16.410	NO
21	23	L-PFOS	4.53	4.54	2.486	2.486	NO
22	25	9Cl-PF30NS	4.73	4.76	29.945	29.945	NO
23	26	PFDA	4.83	4.83	4.698	4.698	NO
24	27	8:2 FTS	4.79	4.79	0.573	0.573	NO
25	28	PFNS	4.86	4.90	2.503	2.503	NO
26	29	L-MeFOSAA	4.98	4.98	1.702	1.702	NO

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 13:41:12 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:41:42 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 13:41:11
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.14	5.14	1.358	1.358	NO
2	33	PFUdA	5.16	5.16	18.996	18.996	NO
3	34	PFDS	5.14	5.21	2.094	2.094	NO
4	35	11Cl-PF30UdS	5.38	5.38	15.606	15.606	NO
5	36	10:2 FTS	5.43	5.43	0.940	0.940	NO
6	37	PFDoA	5.44	5.45	12.469	12.469	NO
7	38	N-MeFOSA	5.50	5.48	1.837	1.837	NO
8	39	PFTrDA	5.69	5.69	101.177	101.177	NO
9	40	PFDoS	5.73	5.72	2.147	2.147	NO
10	41	PFTeDA	5.91	5.91	16.881	16.881	NO
11	42	N-EtFOSA	5.95	5.95	1.968	1.968	NO
12	43	PFHxDA	6.27	6.27	35.651	35.651	NO
13	44	PFODA	6.48	6.52			
14	45	N-MeFOSE	6.22	6.22			
15	46	N-EtFOSE	6.37	6.38			

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Friday, June 12, 2020 13:42:20 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:42:34 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200612P1-1	IPA	12-Jun-20	08:37:17
2	2	200612P1-2	TEST	12-Jun-20	08:47:51
3	3	200612P1-3	IPA	12-Jun-20	08:58:20
4	4	200612P1-4	IPA	12-Jun-20	09:08:52
5	5	200612P1-5	ST200612P1-1 PFC CS-2 20E2701	12-Jun-20	09:19:21
6	6	200612P1-6	ST200612P1-2 PFC CS-1 20E2702	12-Jun-20	09:29:50
7	7	200612P1-7	ST200612P1-3 PFC CS0 20F0201	12-Jun-20	09:40:22
8	8	200612P1-8	ST200612P1-4 PFC CS1 20E2704	12-Jun-20	09:50:53
9	9	200612P1-9	ST200612P1-5 PFC CS2 20E2705	12-Jun-20	10:01:23
10	10	200612P1-10	ST200612P1-6 PFC CS3 20E2706	12-Jun-20	10:11:52
11	11	200612P1-11	ST200612P1-7 PFC CS4 20F0303	12-Jun-20	10:22:24
12	12	200612P1-12	ST200612P1-8 PFC CS5 20E2708	12-Jun-20	10:32:53
13	13	200612P1-13	ST200612P1-9 PFC CS6 20E2709	12-Jun-20	10:43:24
14	14	200612P1-14	ST200612P1-10 PFC CS7 20E2710	12-Jun-20	10:53:54
15	15	200612P1-15	IB	12-Jun-20	11:04:23
16	16	200612P1-16	ICV200612P1-1 PFC ICV 20E2711	12-Jun-20	11:46:20
17	17	200612P1-17	IB	12-Jun-20	11:57:03

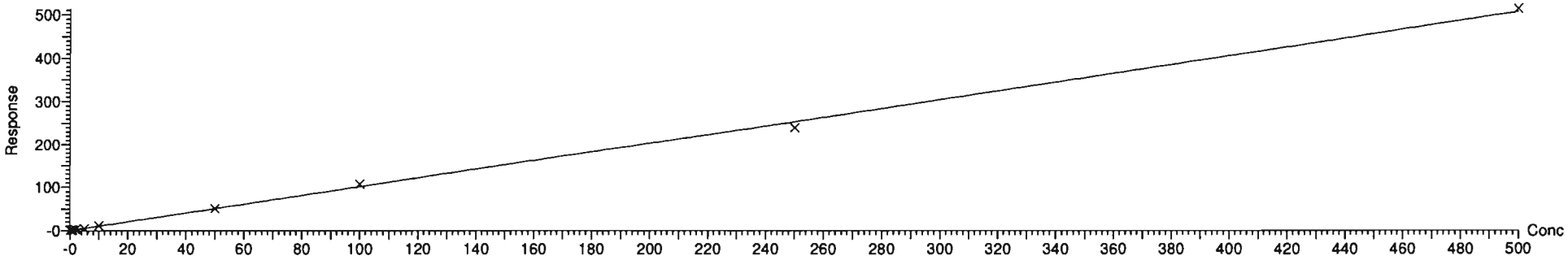
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

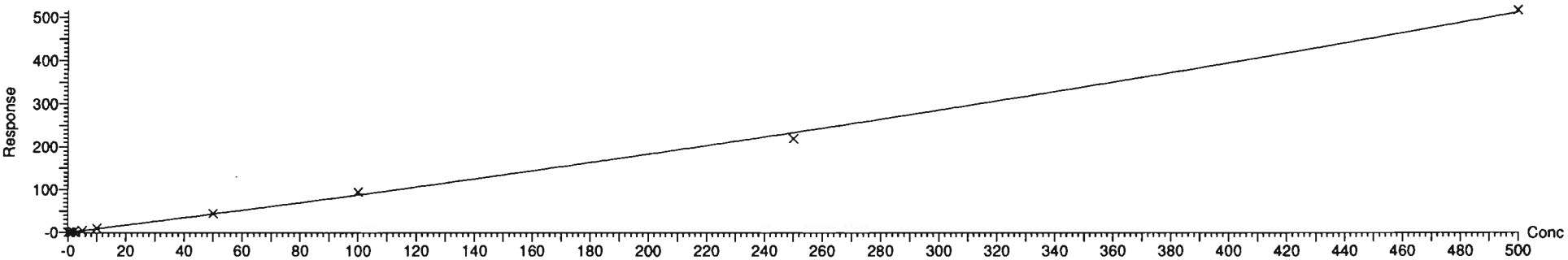
Last Altered: Friday, June 12, 2020 13:32:38 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:39:28 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:58:24
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Compound name: PFBA
Correlation coefficient: r = 0.999320, r^2 = 0.998640
Calibration curve: 1.01322 * x + 0.0407249
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



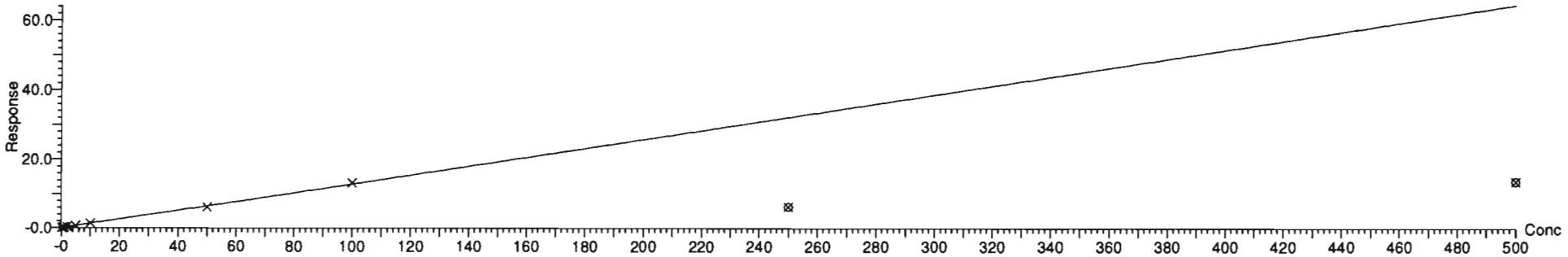
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.998317
Calibration curve: 0.000361649 * x^2 + 0.841664 * x + -0.0215444
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



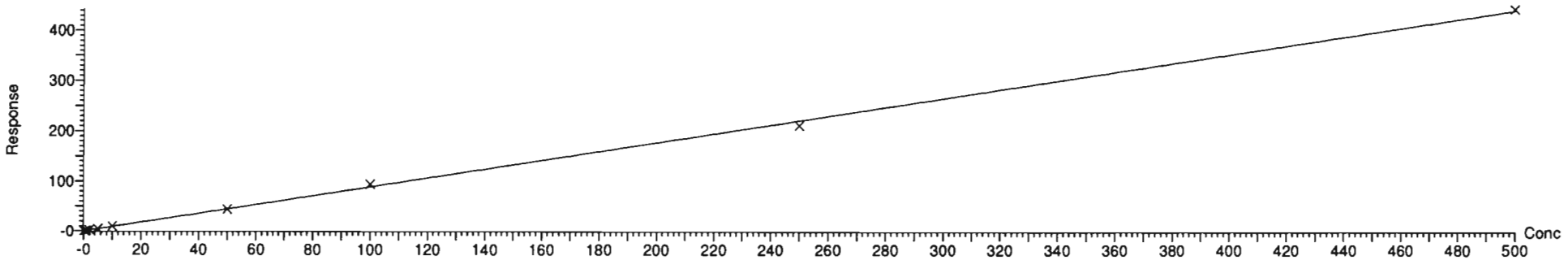
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:55:39 Pacific Daylight Time

Compound name: 3:3 FTCA
Correlation coefficient: r = 0.999118, r^2 = 0.998236
Calibration curve: 0.128742 * x + -0.00690084
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



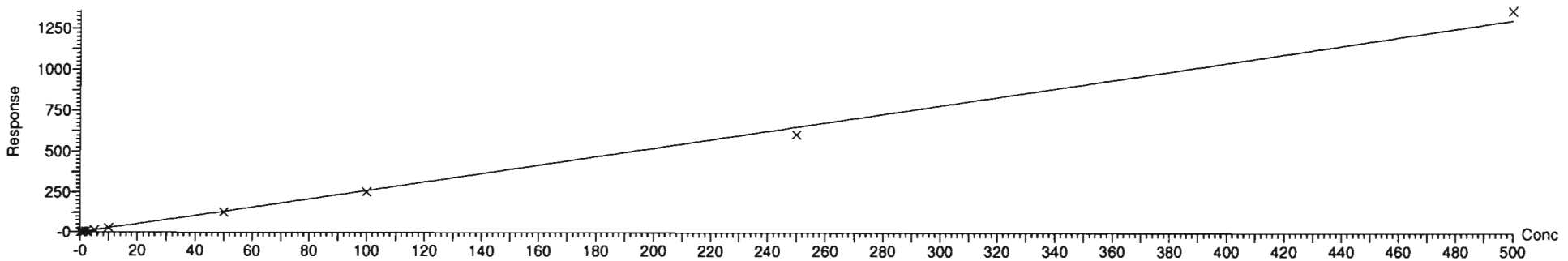
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998958
Calibration curve: -1.48486e-005 * x^2 + 0.888126 * x + 0.0173688
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



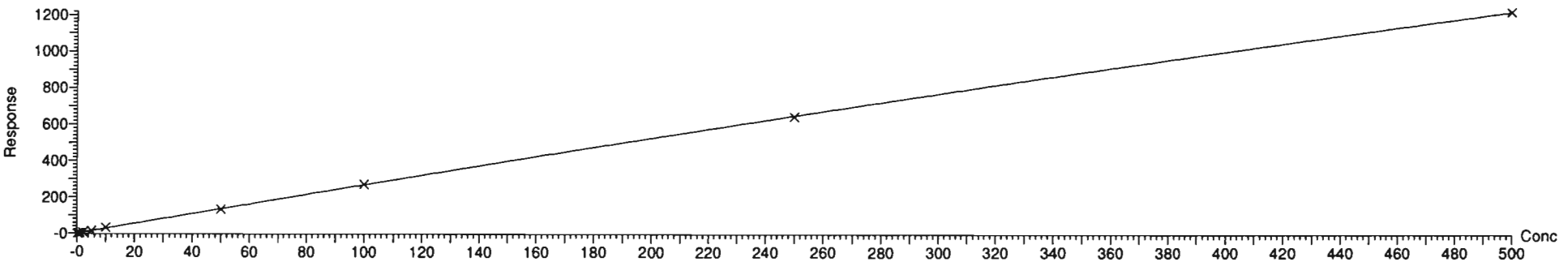
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:55:39 Pacific Daylight Time

Compound name: PFBS
Correlation coefficient: r = 0.998677, r^2 = 0.997356
Calibration curve: 2.61028 * x + -0.0565975
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



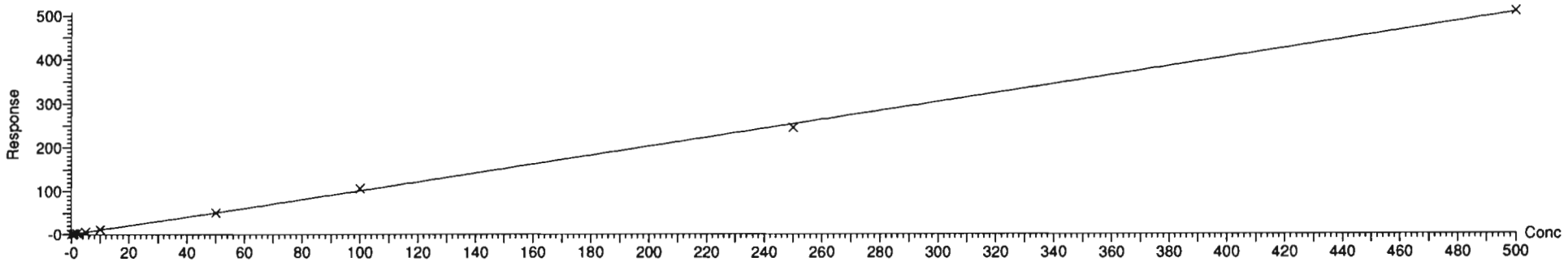
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999653
Calibration curve: -0.000638161 * x^2 + 2.75849 * x + -0.071909
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



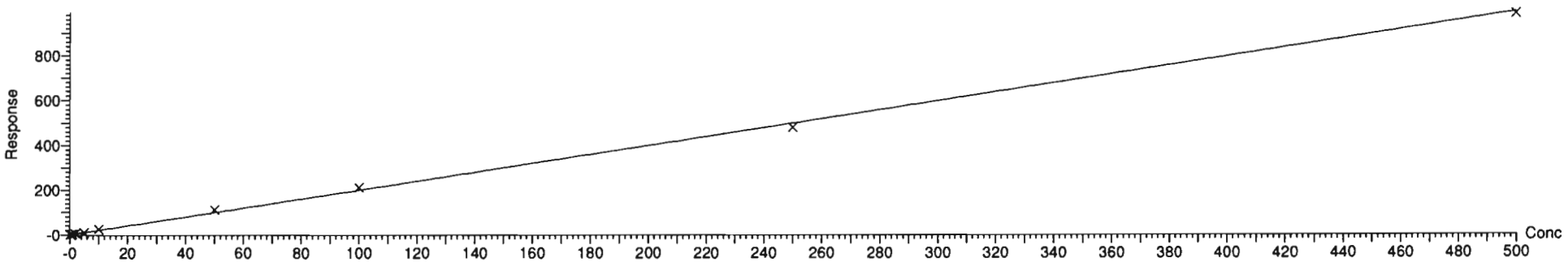
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:55:39 Pacific Daylight Time

Compound name: PFHxA
Correlation coefficient: r = 0.999605, r^2 = 0.999210
Calibration curve: 1.01128 * x + 0.0940972
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



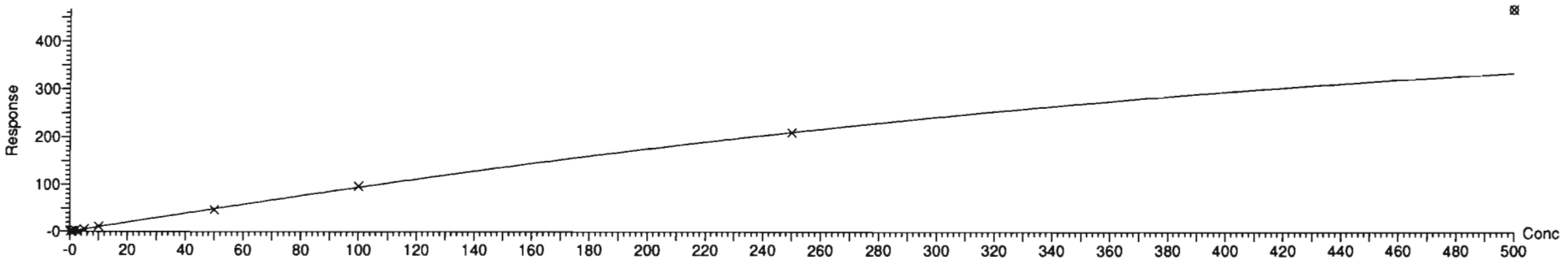
Compound name: PFPeS
Correlation coefficient: r = 0.998718, r^2 = 0.997439
Calibration curve: 1.9862 * x + 0.182172
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



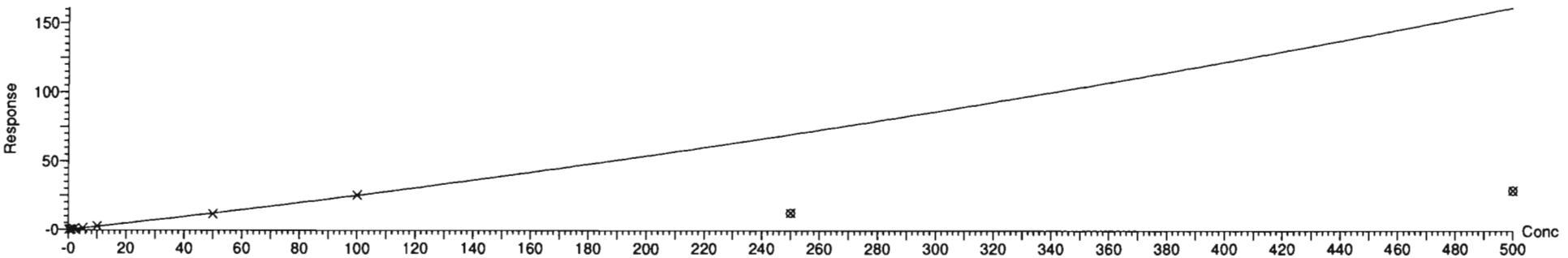
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:55:39 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999384
Calibration curve: -0.000691835 * x^2 + 1.01495 * x + -0.0708075
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



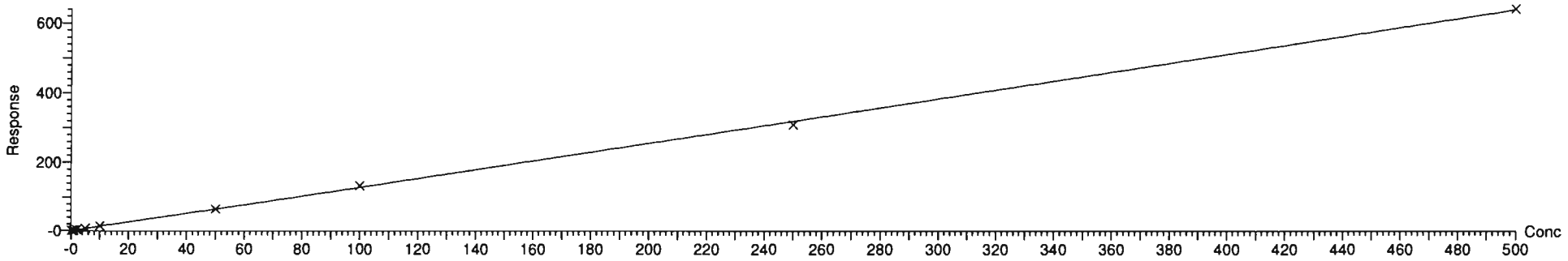
Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999107
Calibration curve: 0.000177954 * x^2 + 0.234407 * x + 0.00797977
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



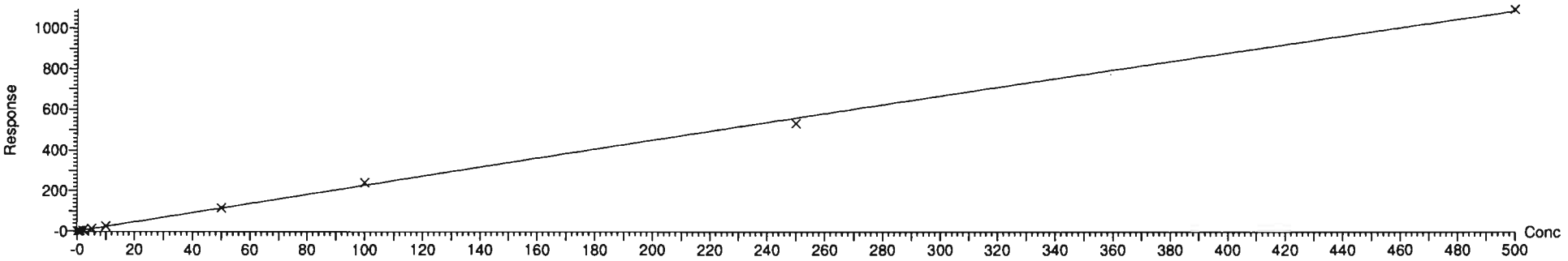
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:55:39 Pacific Daylight Time

Compound name: PFHpA
Correlation coefficient: r = 0.999736, r^2 = 0.999471
Calibration curve: 1.27704 * x + 0.130575
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



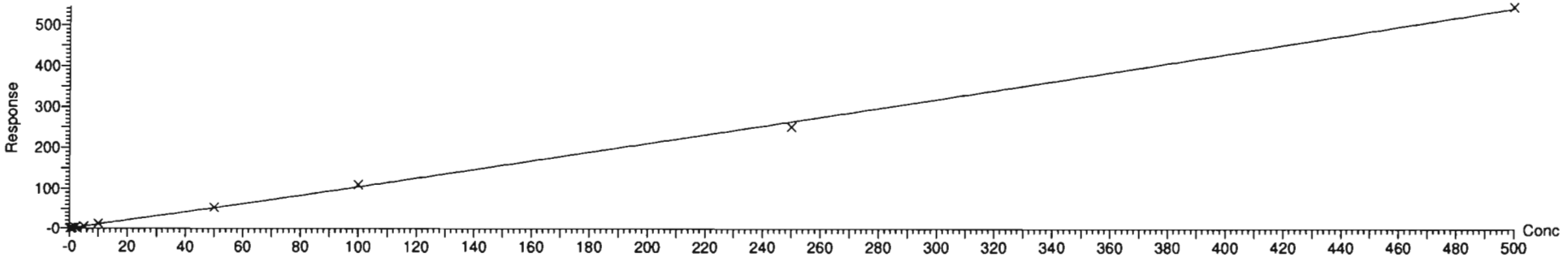
Compound name: ADONA
Coefficient of Determination: R^2 = 0.998785
Calibration curve: -0.000277721 * x^2 + 2.30651 * x + 0.0367997
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



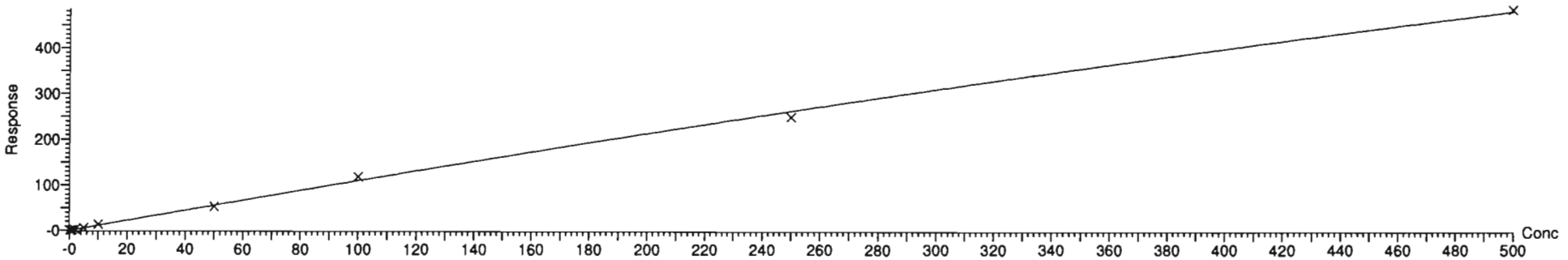
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:55:39 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998944
Calibration curve: 9.31005e-005 * x^2 + 1.036 * x + 0.0342325
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.997790
Calibration curve: -0.000360165 * x^2 + 1.14254 * x + 0.00791015
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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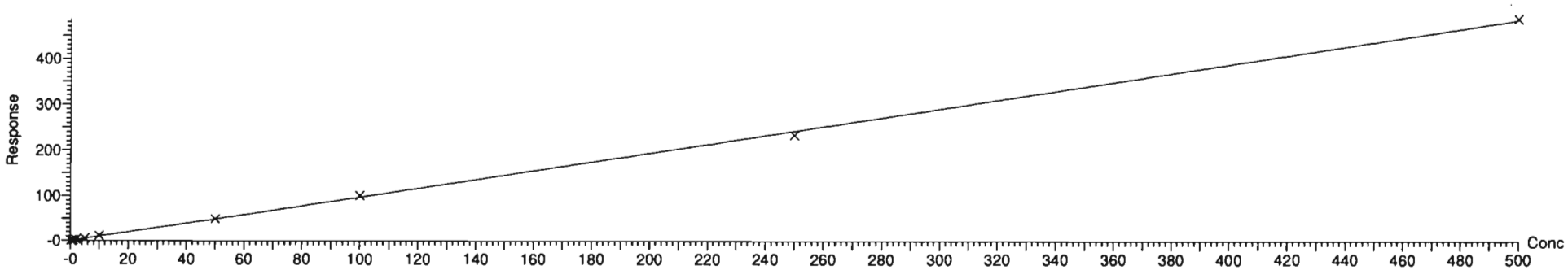
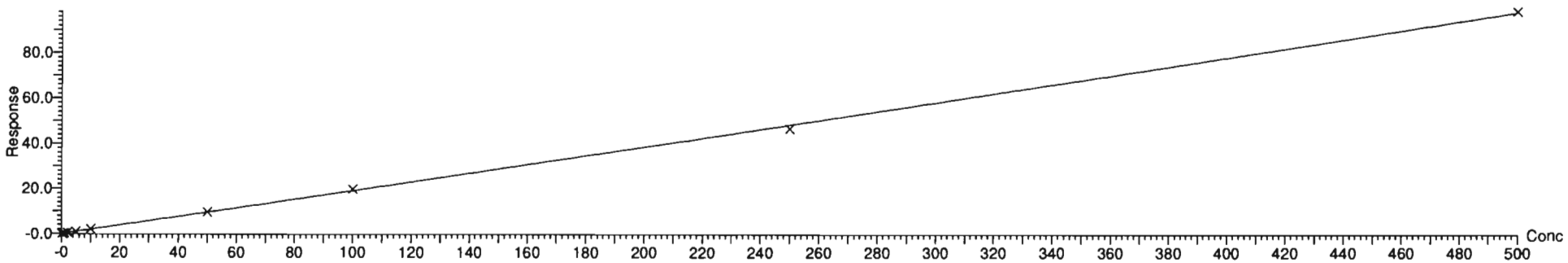
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999247
Calibration curve: 2.41256e-006 * x^2 + 0.967258 * x + 0.059593
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999457
Calibration curve: 1.12639e-005 * x^2 + 0.190293 * x + -0.00849292
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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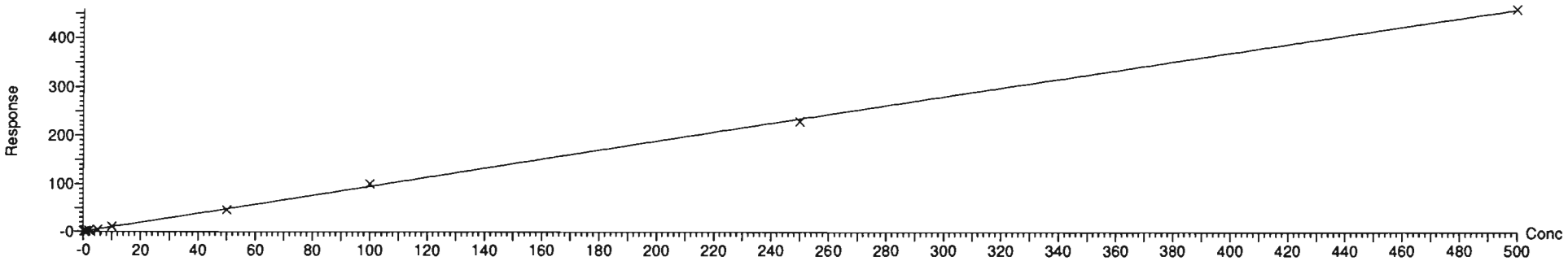
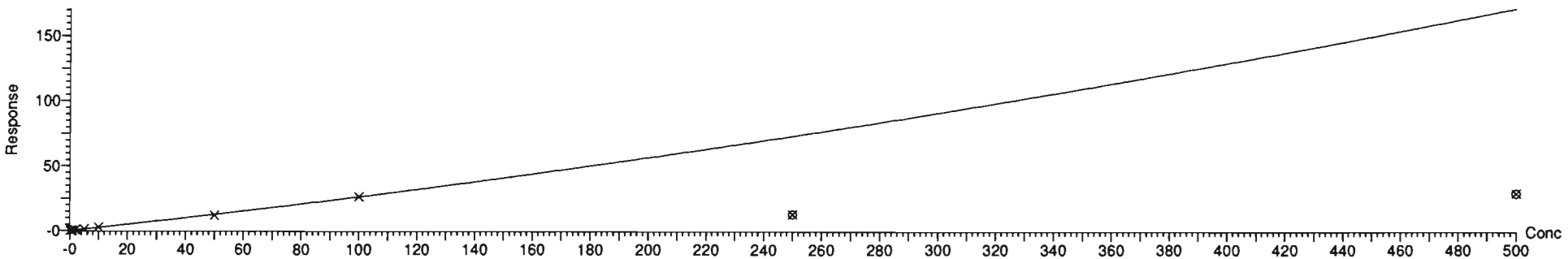
Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999077
Calibration curve: -9.92156e-005 * x^2 + 0.964609 * x + -0.191397
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998021
Calibration curve: 0.000195735 * x^2 + 0.244985 * x + -0.012101
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
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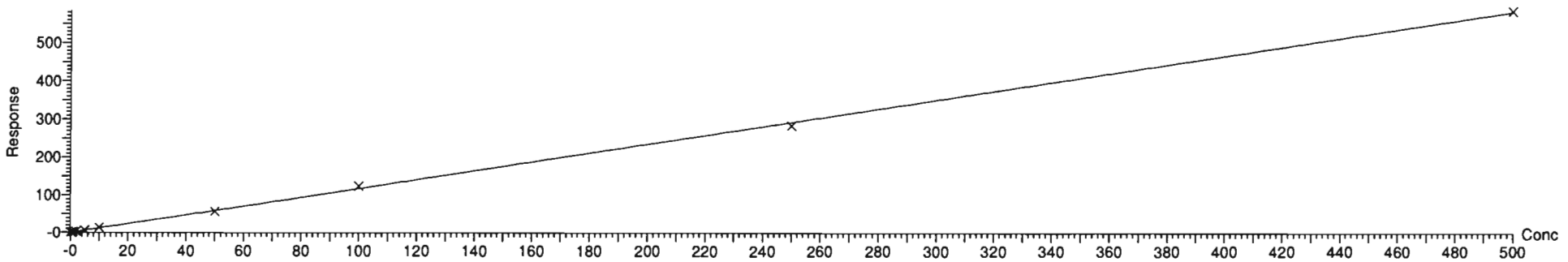
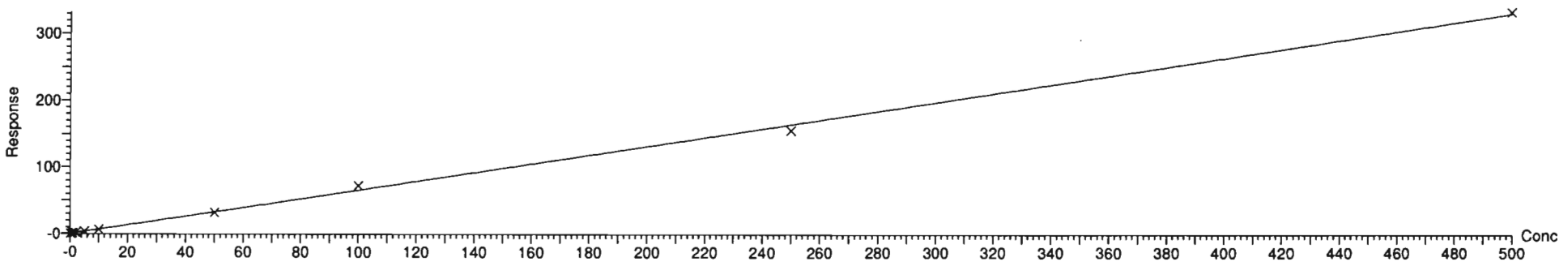
Compound name: PFNA
Coefficient of Determination: R^2 = 0.999147
Calibration curve: -3.68804e-005 * x^2 + 1.18192 * x + 0.133932
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.997710
Calibration curve: 1.40538e-005 * x^2 + 0.653448 * x + -0.00586909
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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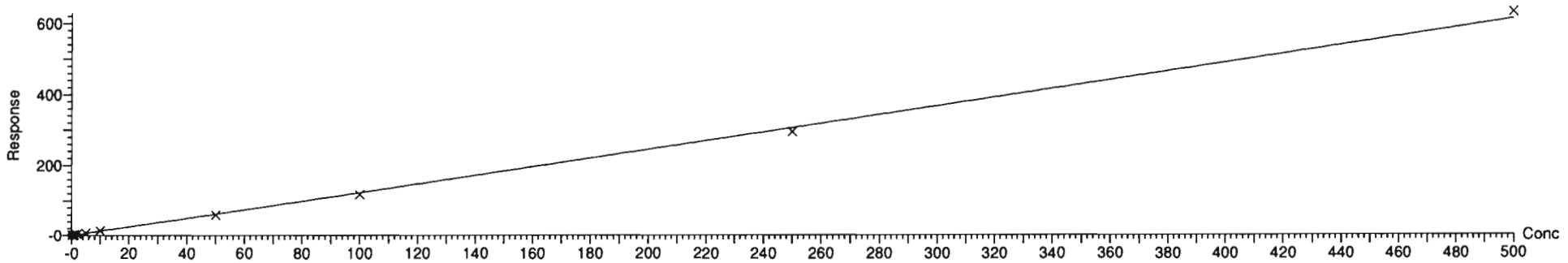
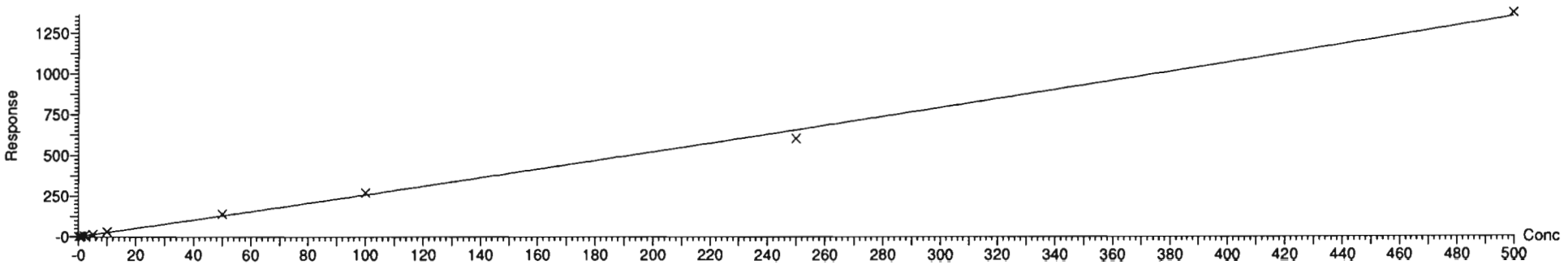
Compound name: L-PFOS
Correlation coefficient: r = 0.999283, r^2 = 0.998567
Calibration curve: 1.22216 * x + -0.0343602
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997100
Calibration curve: 0.000316498 * x^2 + 2.53516 * x + 0.134999
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
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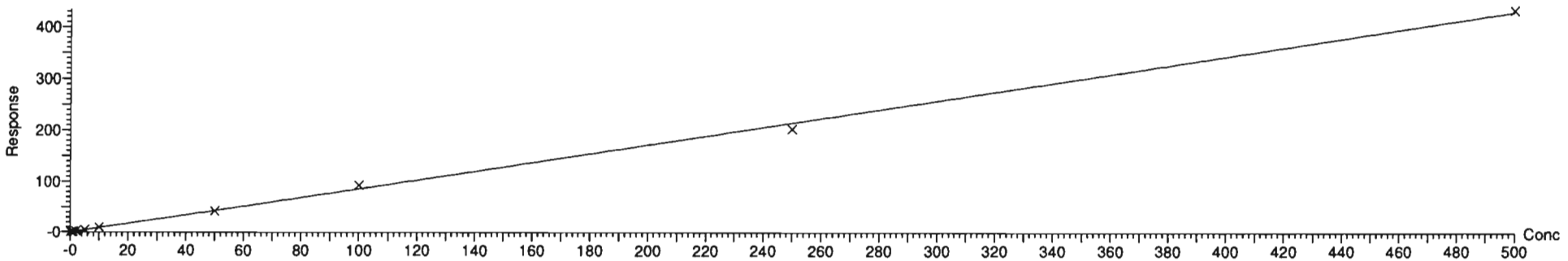
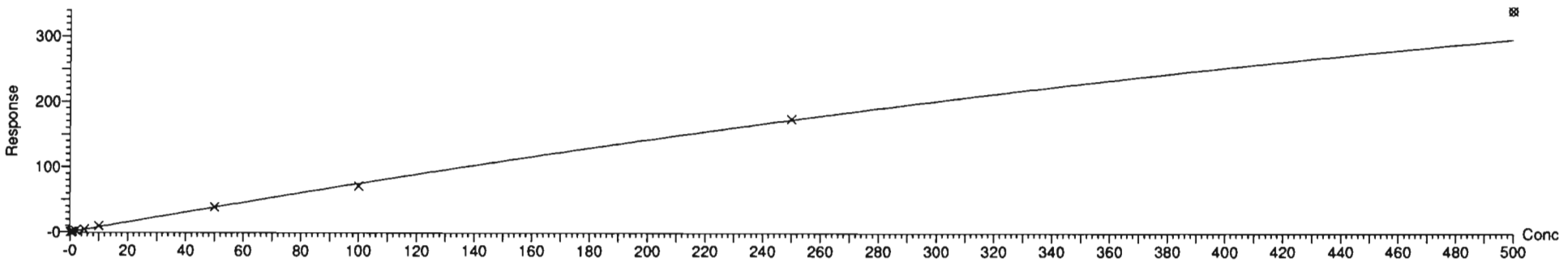
Compound name: PFDA
Coefficient of Determination: R^2 = 0.998194
Calibration curve: 7.12942e-007 * x^2 + 0.859602 * x + 0.0447885
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.997561
Calibration curve: -0.00040076 * x^2 + 0.79324 * x + -0.0658737
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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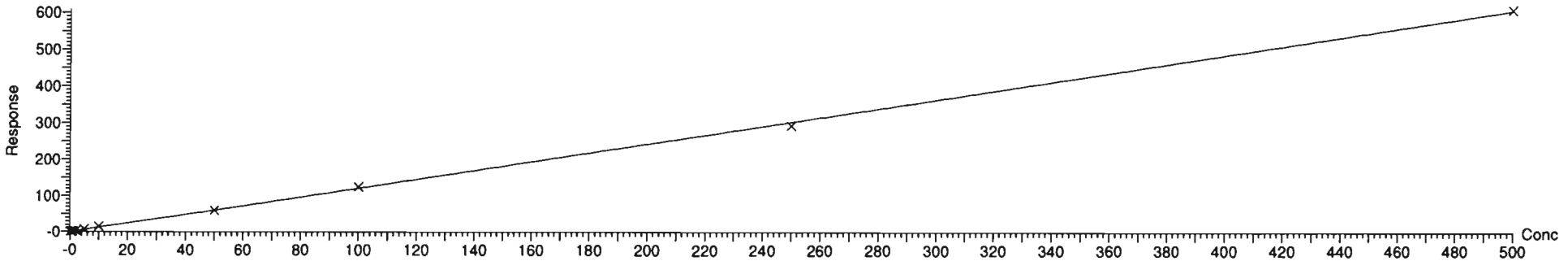
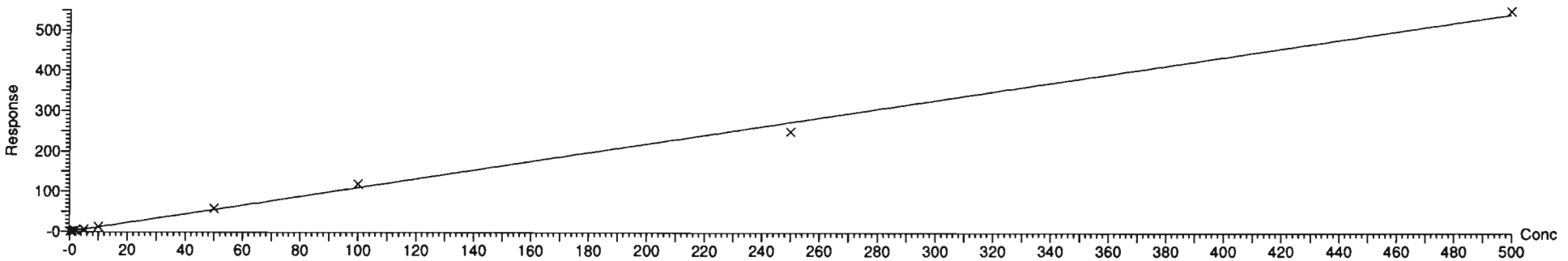
Compound name: PFNS
Correlation coefficient: r = 0.999527, r^2 = 0.999054
Calibration curve: 1.21247 * x + 0.0686224
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.996701
Calibration curve: -4.68901e-005 * x^2 + 1.10761 * x + 0.0946669
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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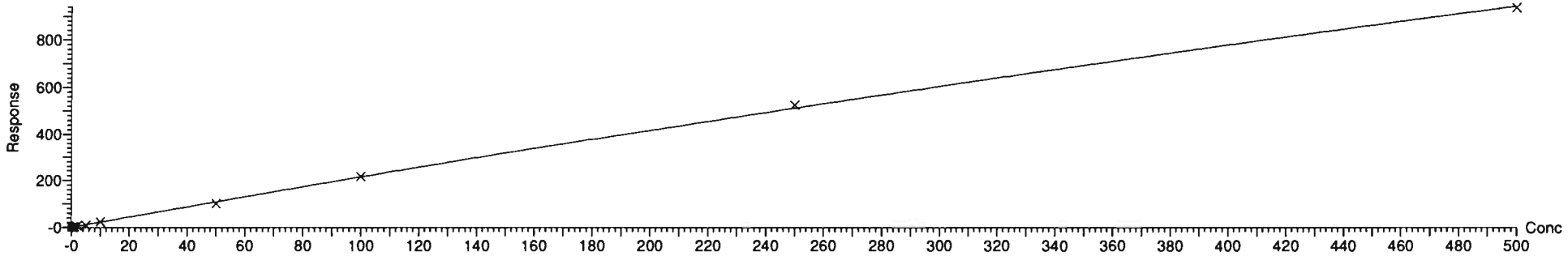
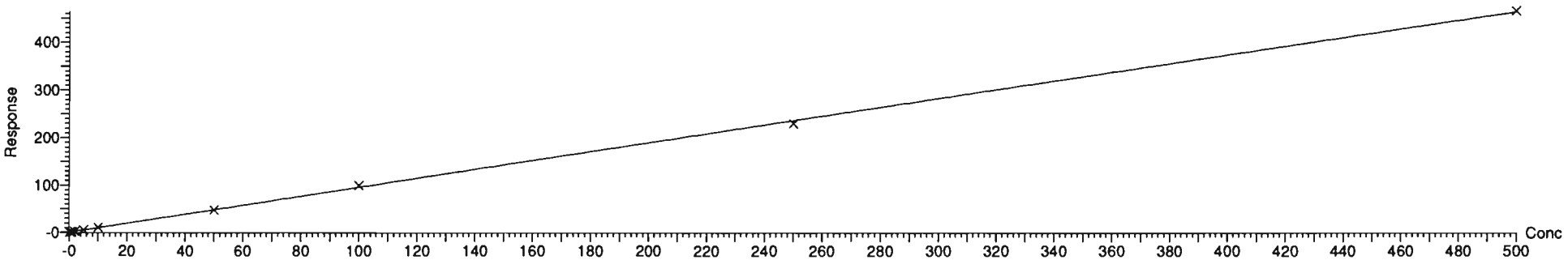
Last Altered: Friday, June 12, 2020 13:32:38 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:40:00 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:58:24
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999326
Calibration curve: -0.000650435 * x^2 + 2.21015 * x + 0.283227
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999487
Calibration curve: -7.19686e-005 * x^2 + 0.962401 * x + 0.105326
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
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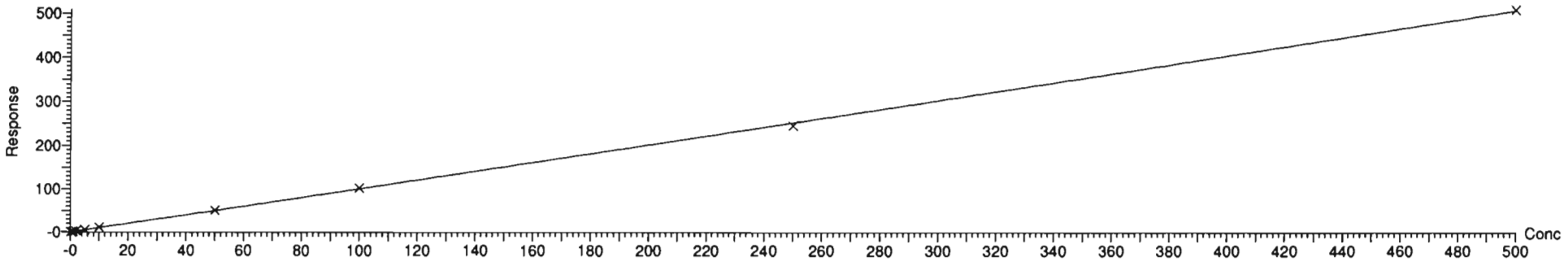
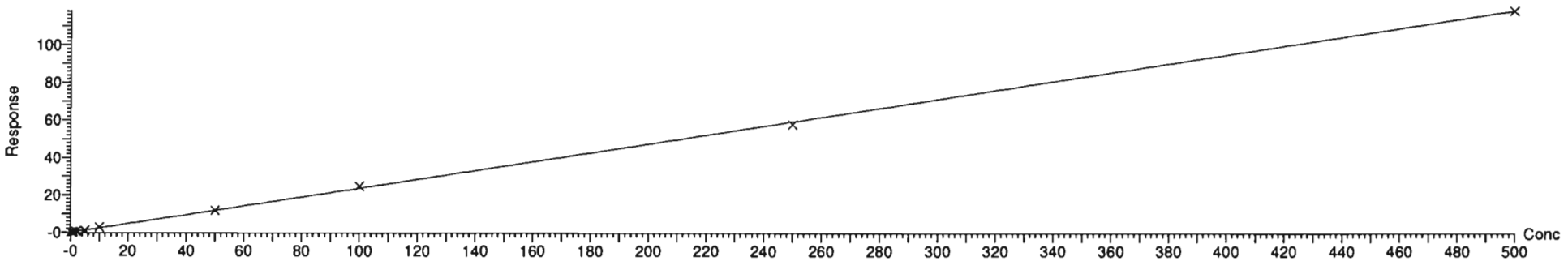
Compound name: PFDS
Coefficient of Determination: R^2 = 0.999631
Calibration curve: 1.98572e-005 * x^2 + 1.00411 * x + 0.0630571
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999664, r^2 = 0.999327
Calibration curve: 0.237138 * x + 0.0163184
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:51:52 Pacific Daylight Time
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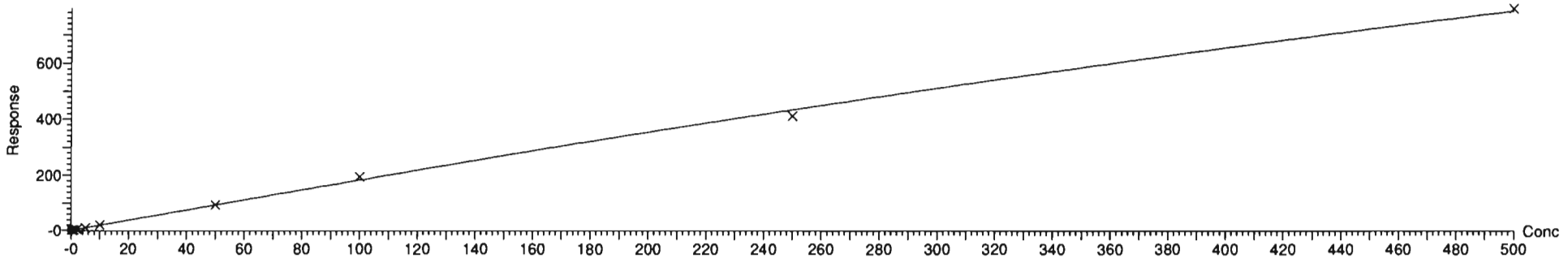
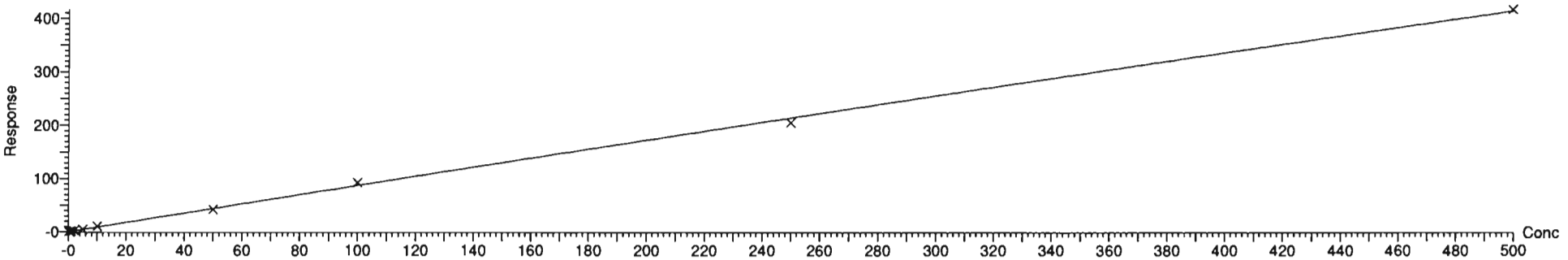
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.998165
Calibration curve: -0.000662343 * x^2 + 1.90249 * x + 0.146116
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998547
Calibration curve: -0.000118789 * x^2 + 0.88778 * x + 0.0258575
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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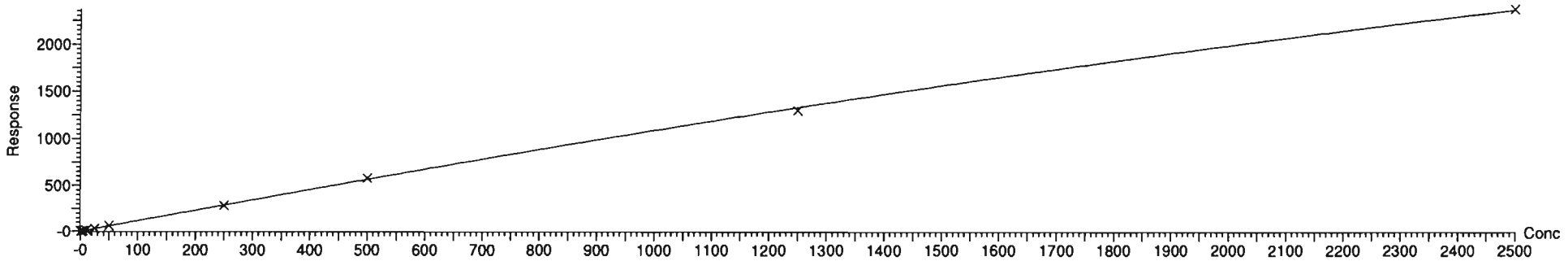
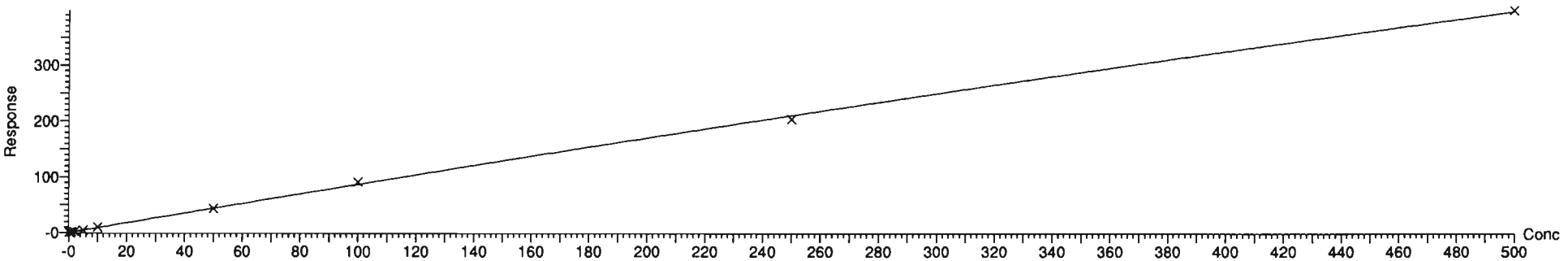
Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999530
Calibration curve: -9.60471e-005 * x^2 + 1.18551 * x + 0.00211605
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999255
Calibration curve: -0.000197554 * x^2 + 0.892364 * x + 0.0649979
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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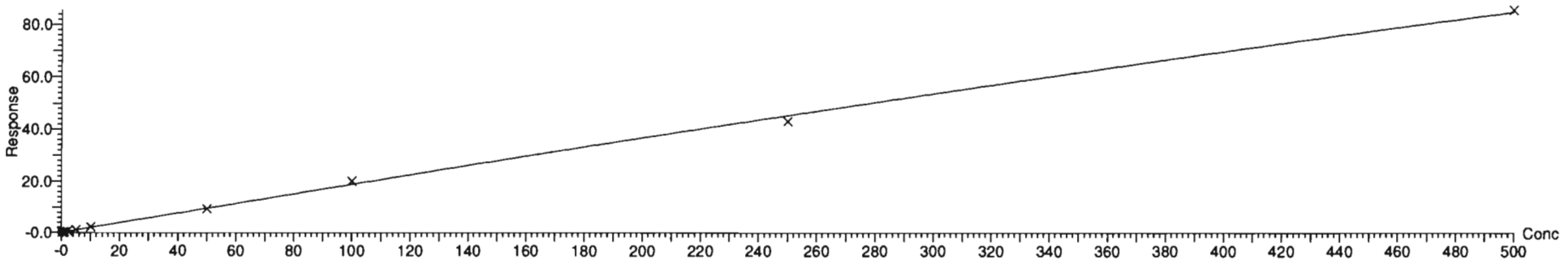
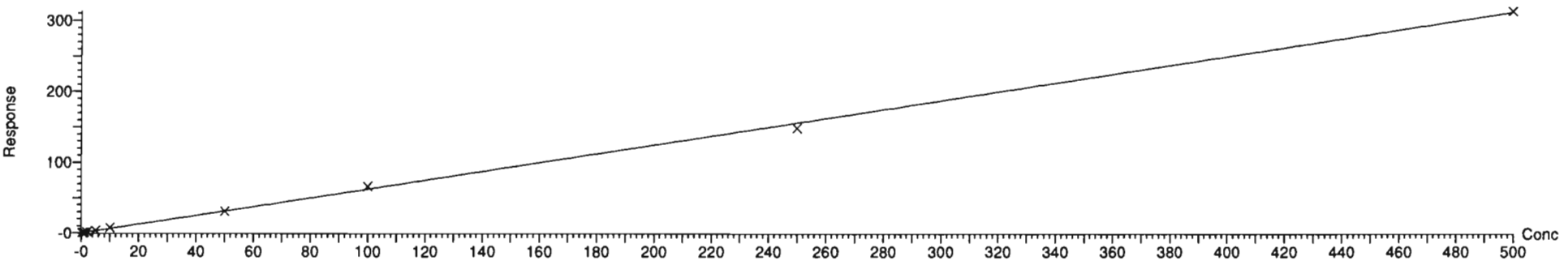
Compound name: PFDoS
Coefficient of Determination: R^2 = 0.998243
Calibration curve: -4.76103e-005 * x^2 + 0.193303 * x + 0.0208877
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTeDA
Correlation coefficient: r = 0.999221, r^2 = 0.998443
Calibration curve: 0.624414 * x + 0.0785603
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



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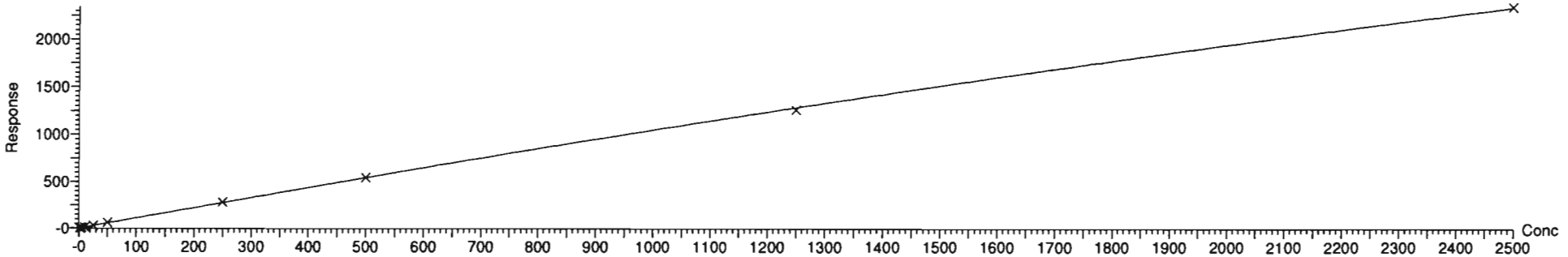
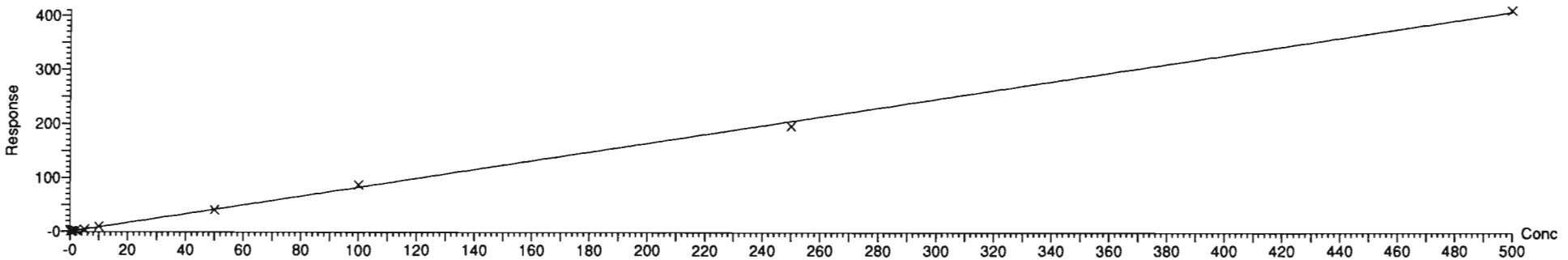
Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999712
Calibration curve: -7.6355e-005 * x^2 + 1.12447 * x + 0.241342
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998683
Calibration curve: -2.77862e-005 * x^2 + 0.828389 * x + 0.131324
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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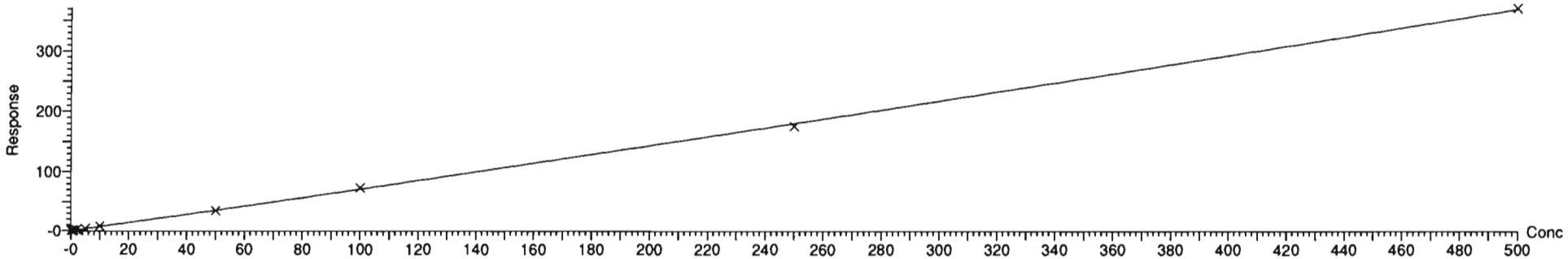
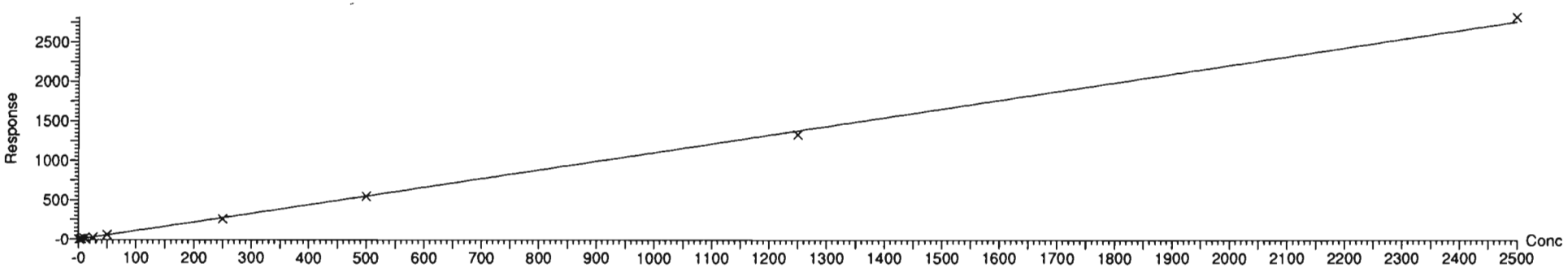
Compound name: PFODA
Coefficient of Determination: R^2 = 0.999502
Calibration curve: 6.98686e-005 * x^2 + 0.704005 * x + 0.0422295
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: N-MeFOSE
Correlation coefficient: r = 0.999627, r^2 = 0.999255
Calibration curve: 1.10332 * x + 0.151324
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



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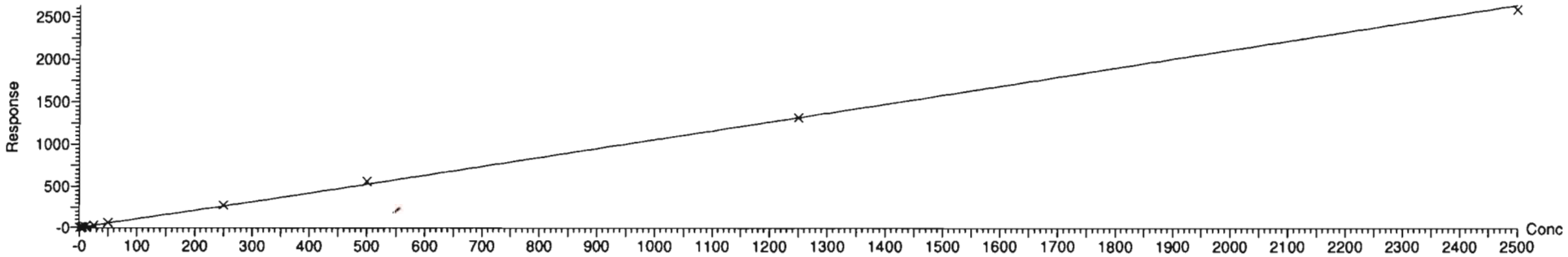
Compound name: N-EtFOSE
Correlation coefficient: r = 0.999599, r^2 = 0.999198
Calibration curve: 1.05576 * x + 0.675139
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



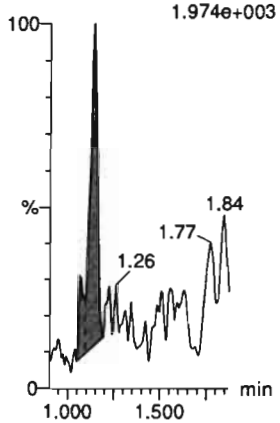
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:47:36 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:47:50 Pacific Daylight Time

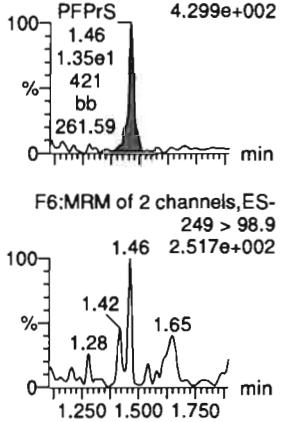
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_061220.mdb 12 Jun 2020 12:47:34
Calibration: 12 Jun 2020 12:47:07

Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

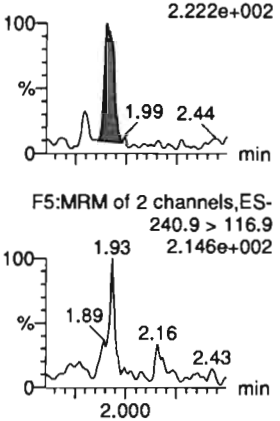
PFBA



PFPrS



3:3 FTCA



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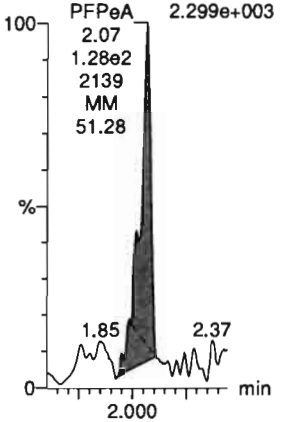
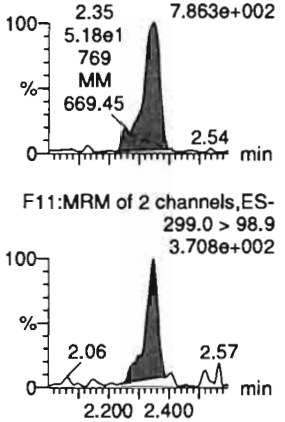
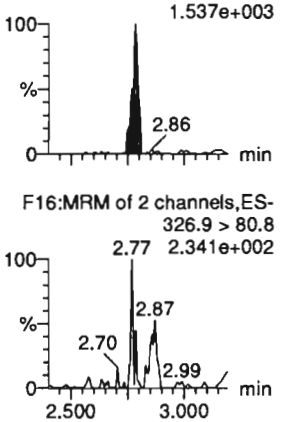


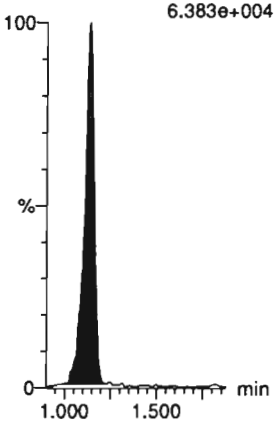
PFBS



4:2 FTS



13C3-PFBA-EIS



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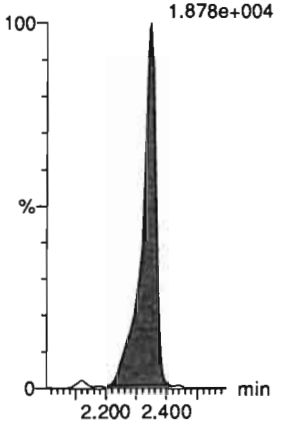

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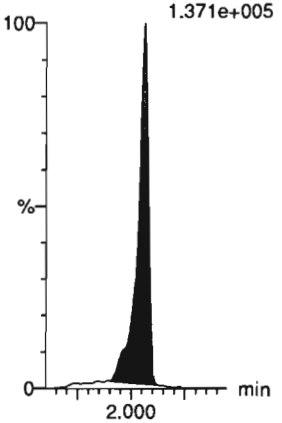

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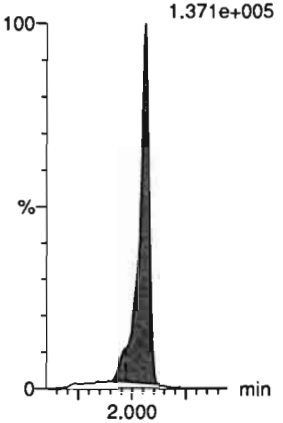

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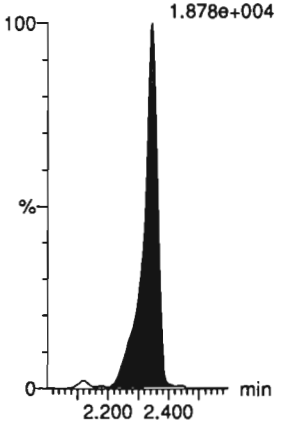
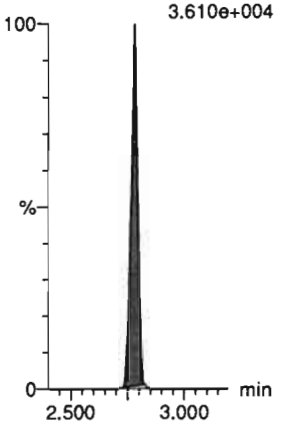


13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

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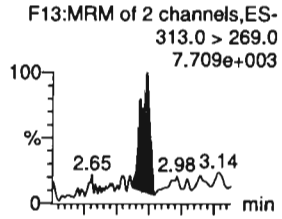

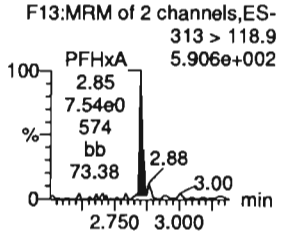

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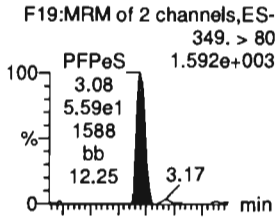
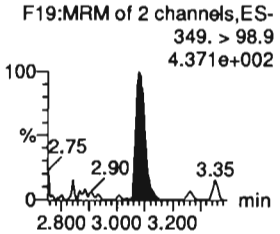
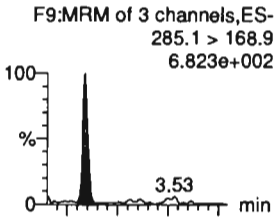
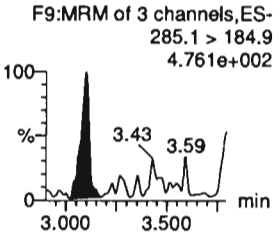


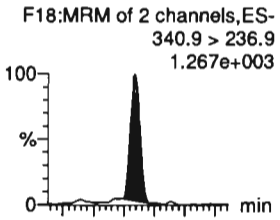


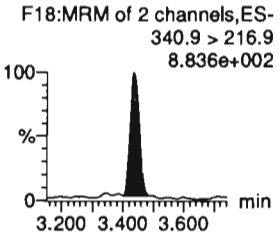
HFPO-DA



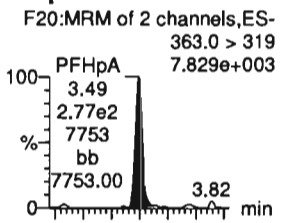


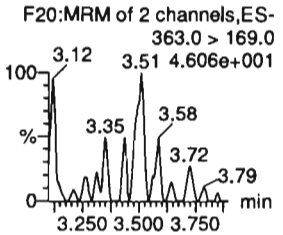
5:3 FTCA





PFHpA





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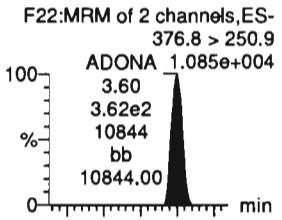
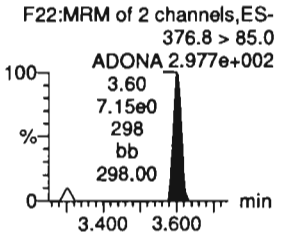
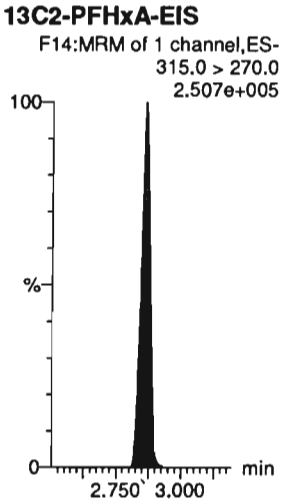
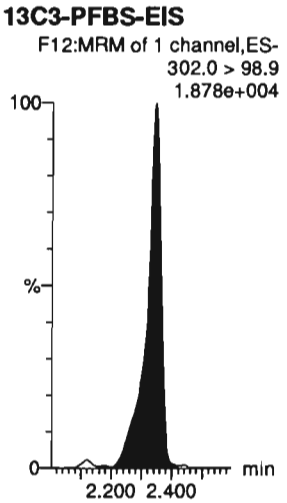




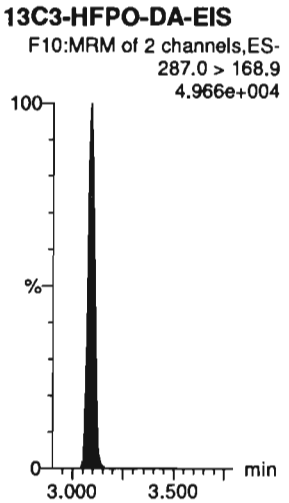
13C2-PFHxA-EIS



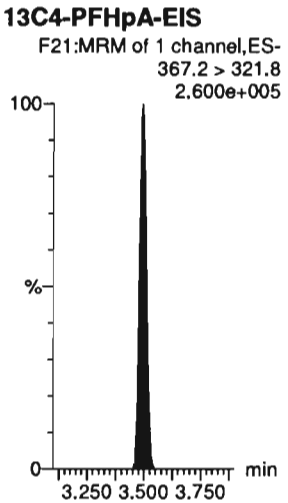
13C3-PFBS-EIS



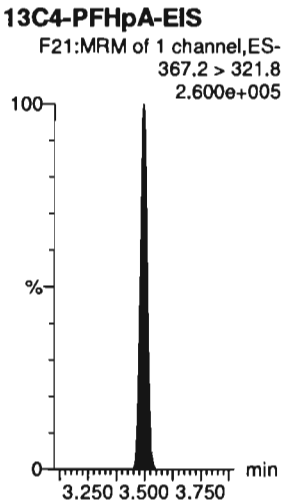
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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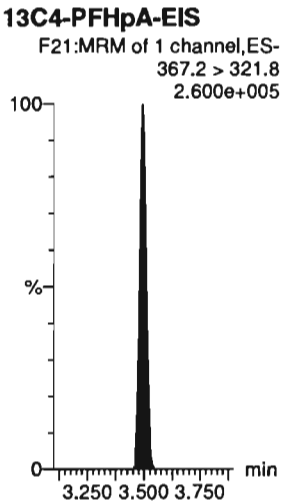
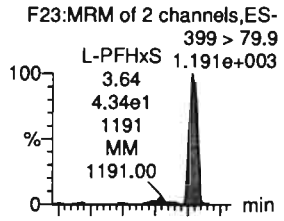


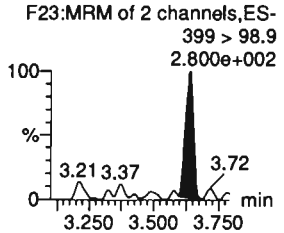
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

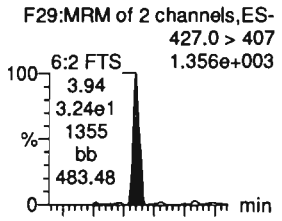
Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

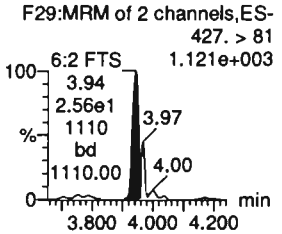
L-PFHxS



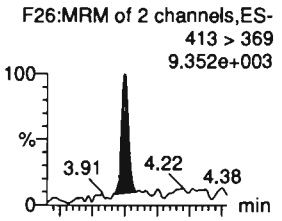


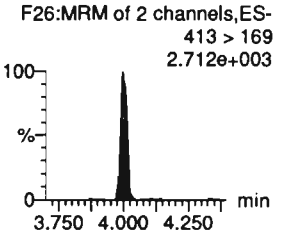
6:2 FTS



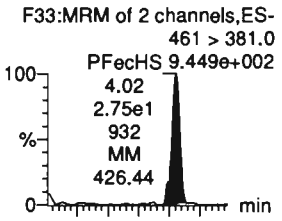


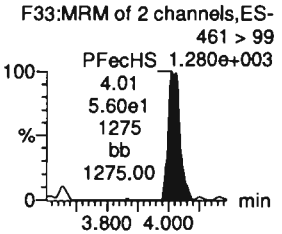
L-PFOA



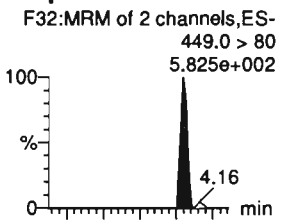


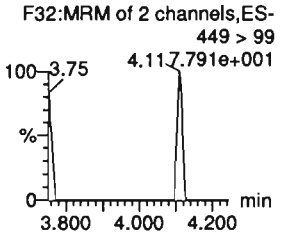
PFEChS



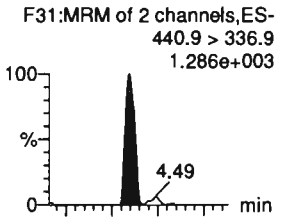


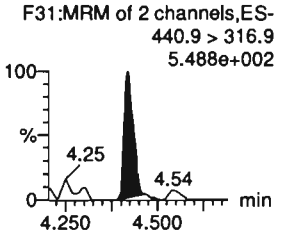
PFHpS



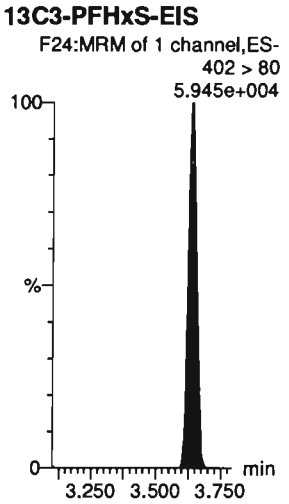


7:3 FTCA

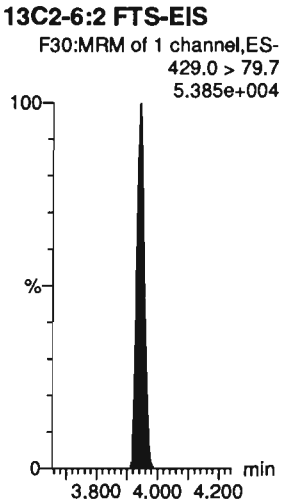




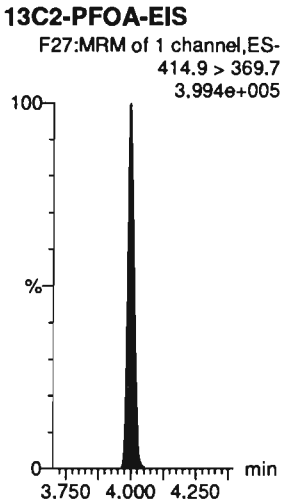
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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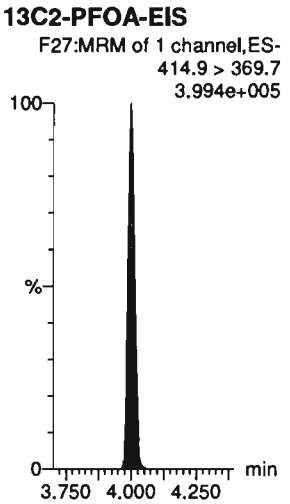
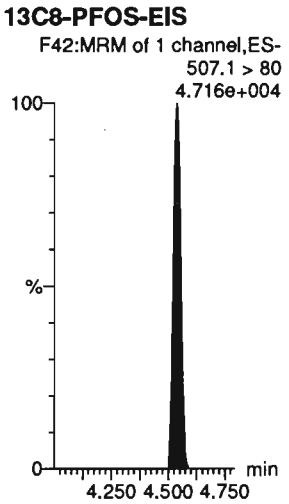
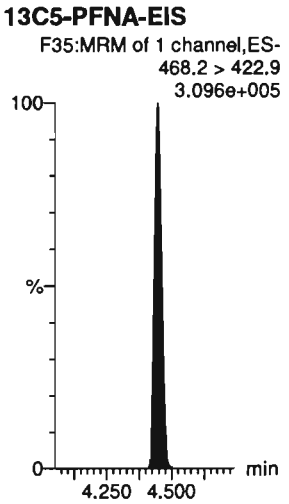


13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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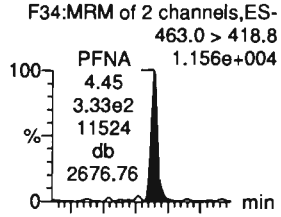
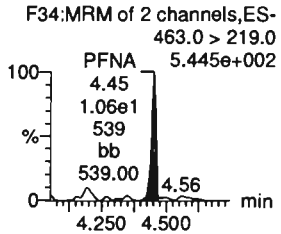
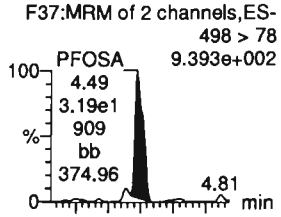
Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

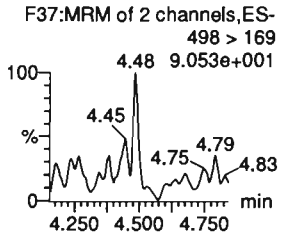
PFNA



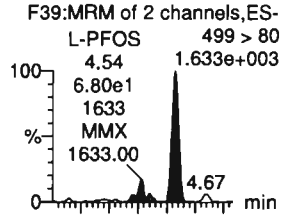


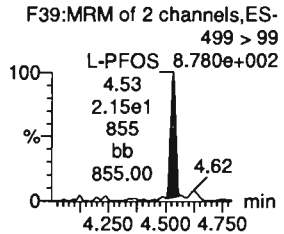
PFOSA



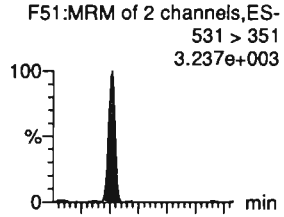


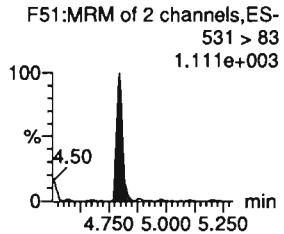
L-PFOS



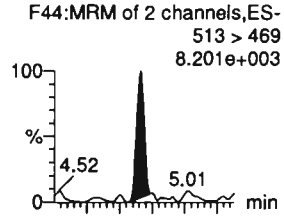


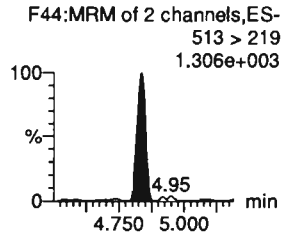
9Cl-PF30NS





PFDA





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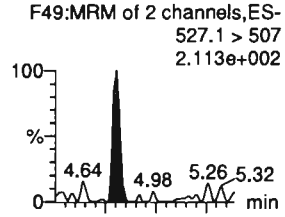
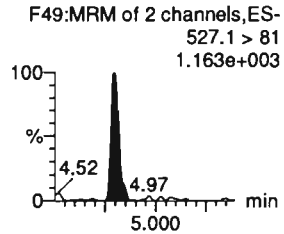
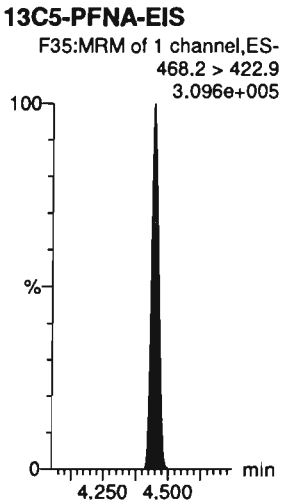
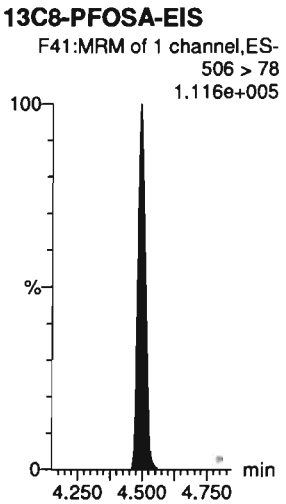




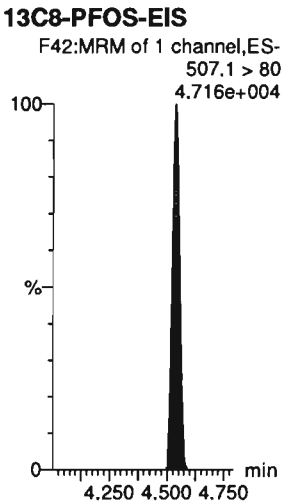
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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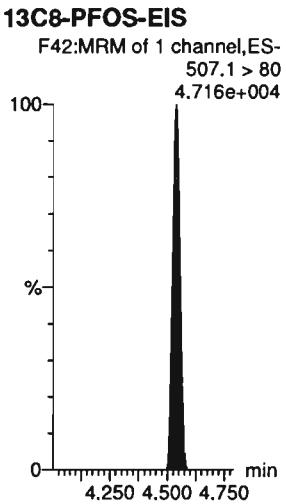

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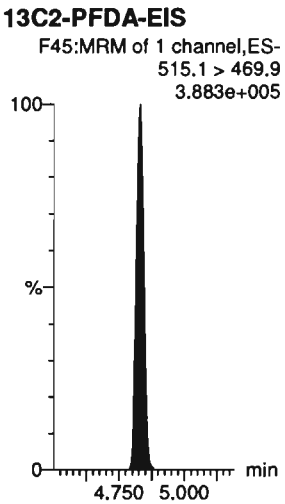
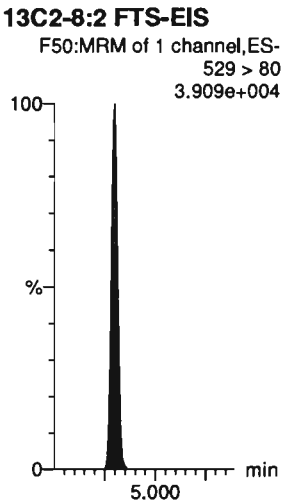


13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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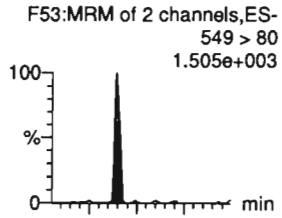
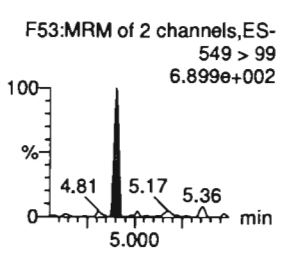
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

PFNS





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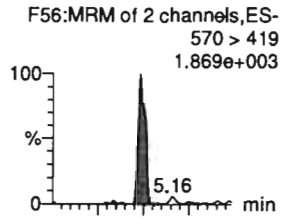

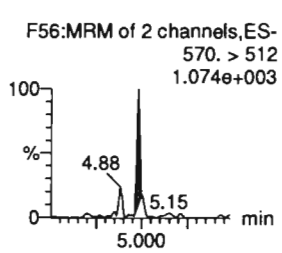

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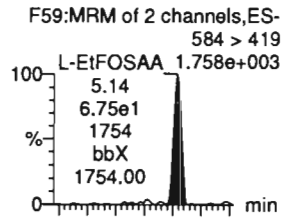
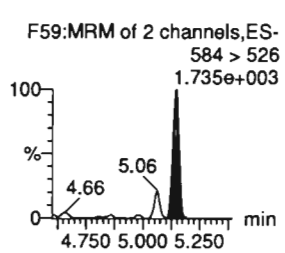
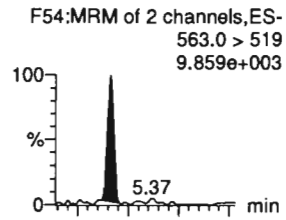
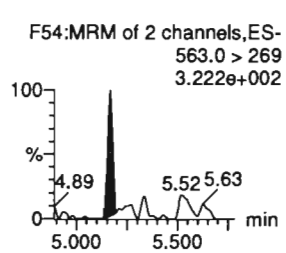




PFUdA





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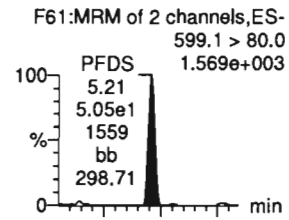

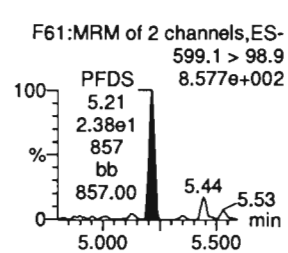

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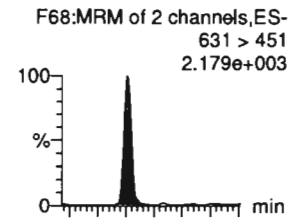
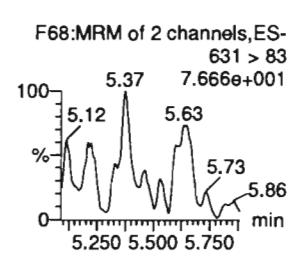
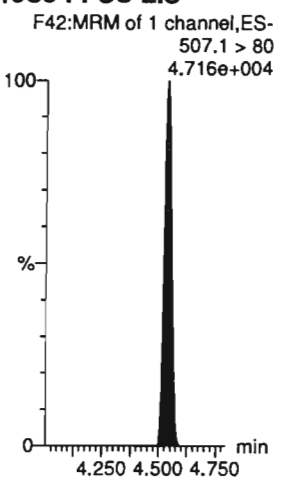




13C8-PFOS-EIS



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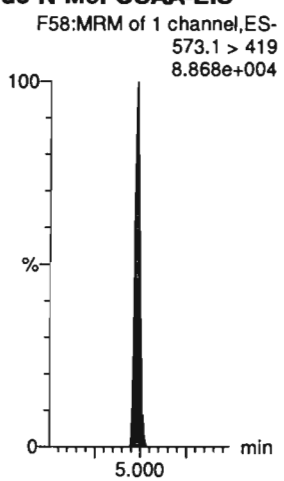

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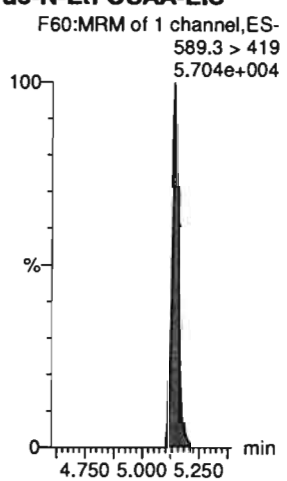
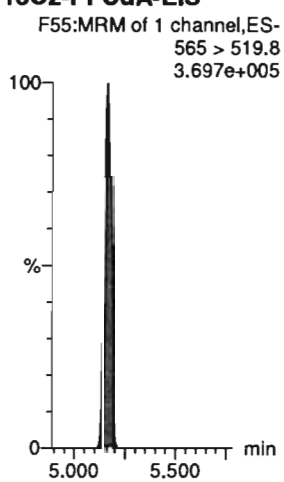
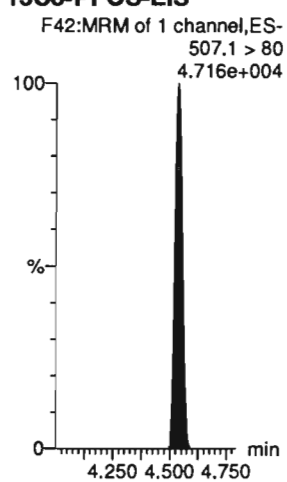


13C2-PFUdA-EIS



13C8-PFOS-EIS



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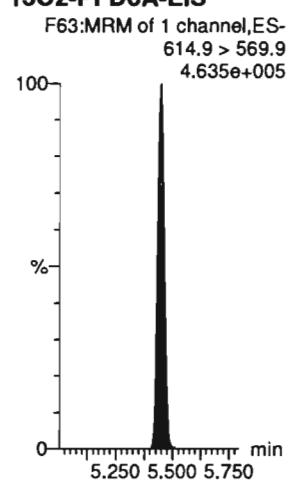

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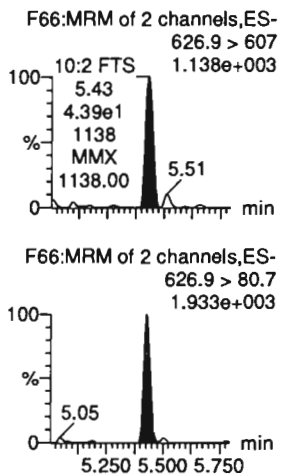
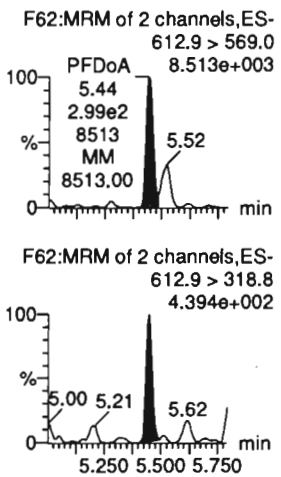
Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

10:2 FTS



PFDoA



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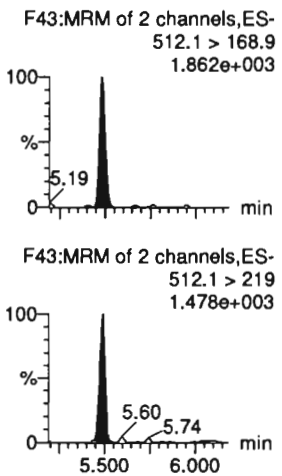
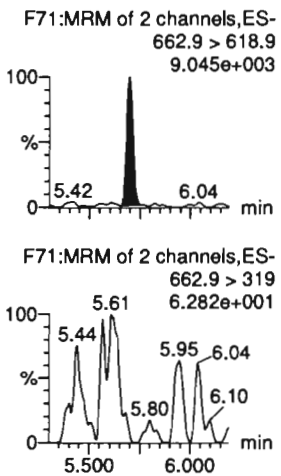
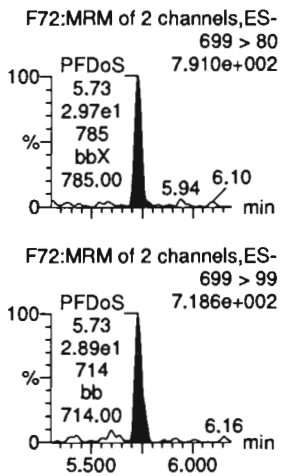


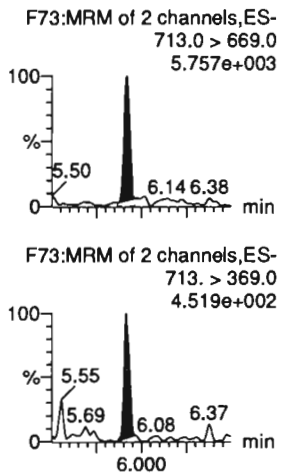
PFTrDA



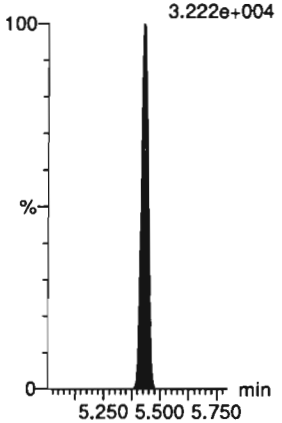
PFDoS



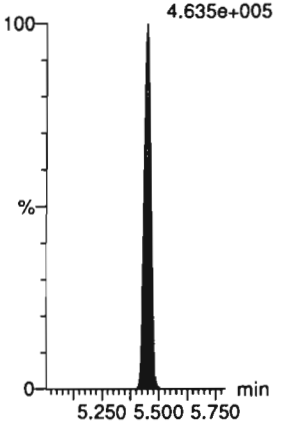
PFTeDA



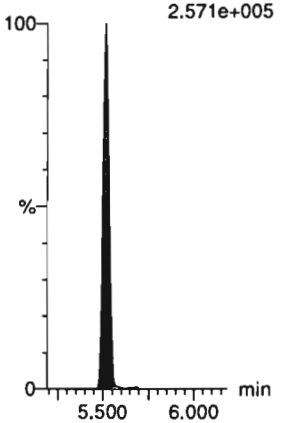
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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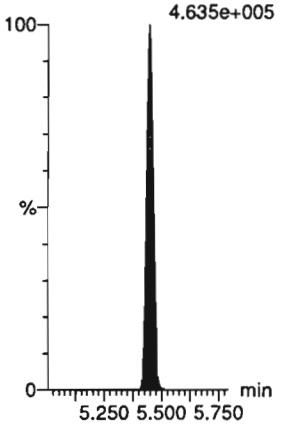

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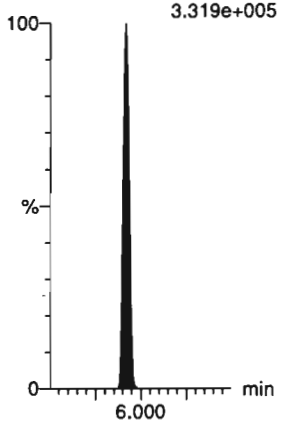

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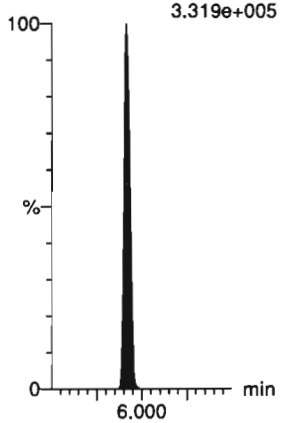

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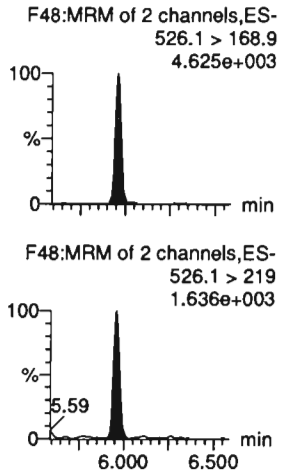
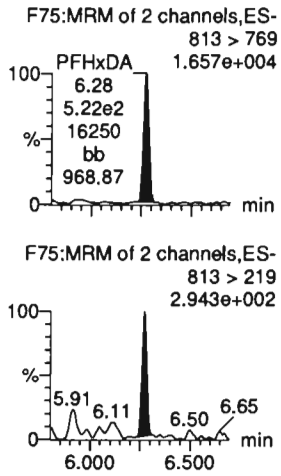
Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

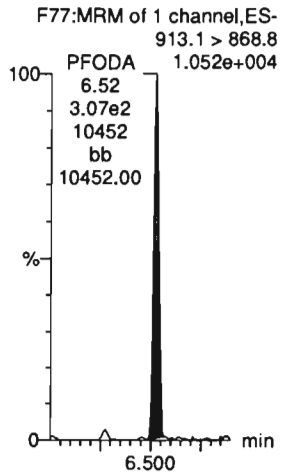
N-EtFOSA



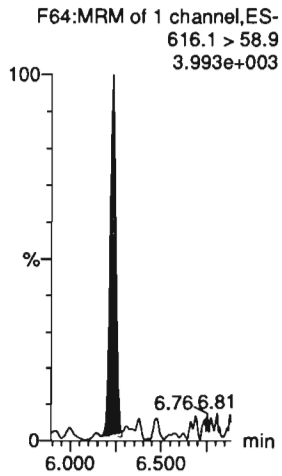
PFHxDA



PFODA



N-MeFOSE



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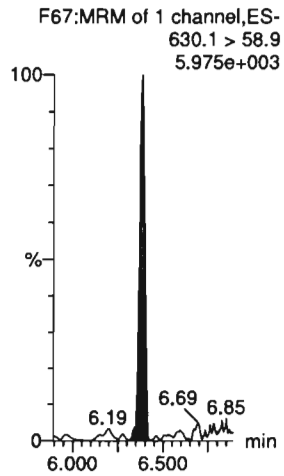

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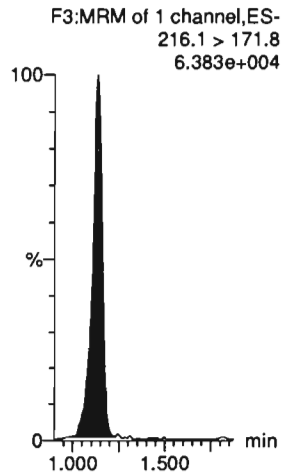
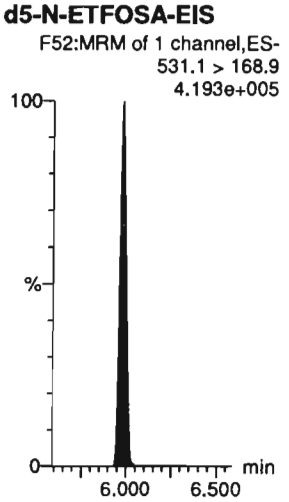


d5-N-ETFOSA-EIS



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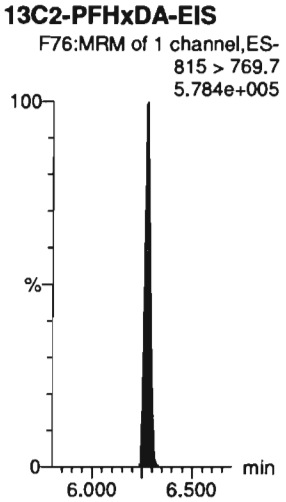
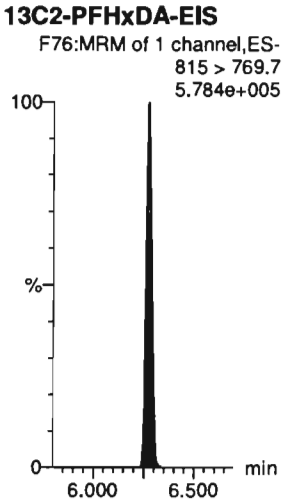
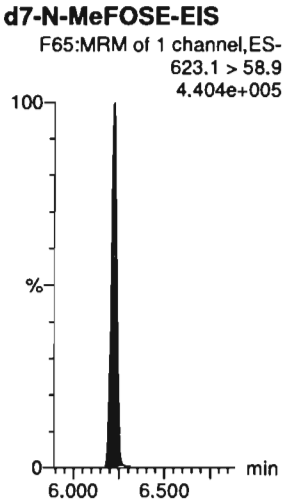


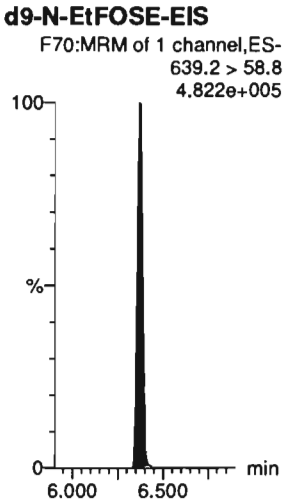
13C2-PFHxDA-EIS



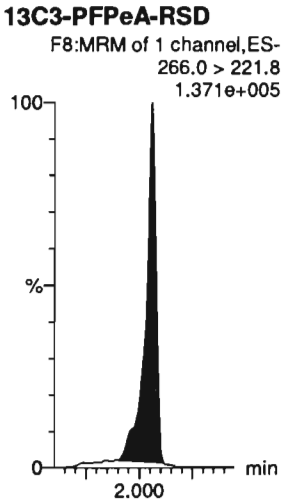
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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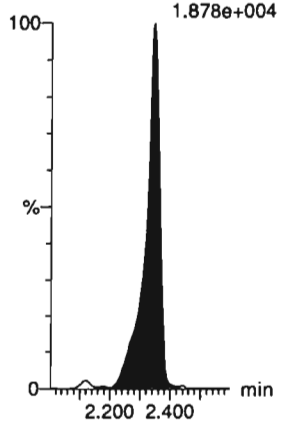
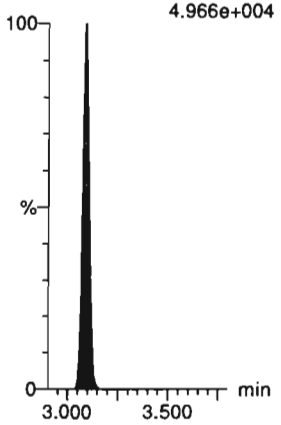
Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

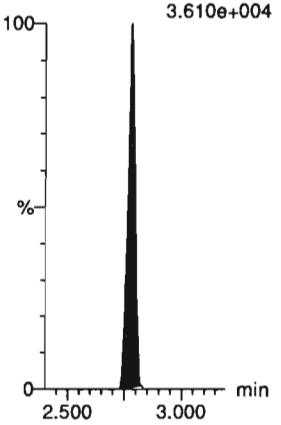
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.878e+004



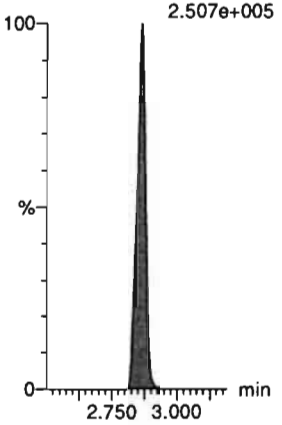
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.966e+004



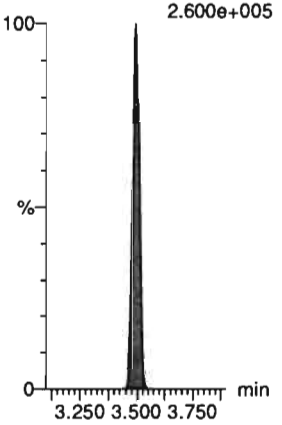
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.610e+004



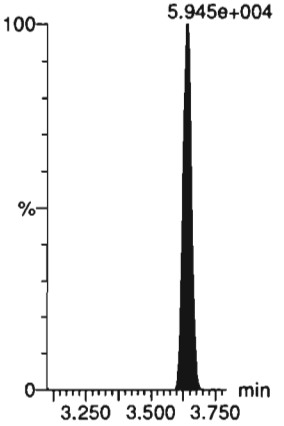
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.507e+005



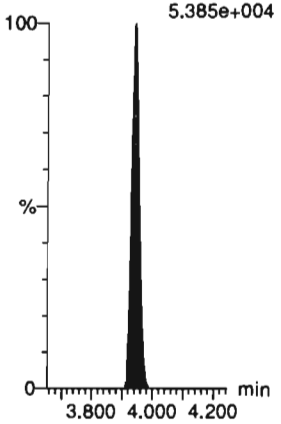
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.600e+005



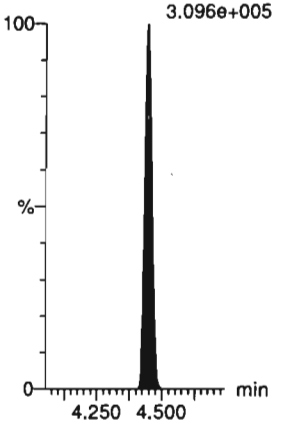
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.945e+004



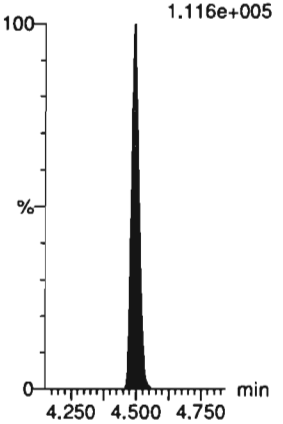
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.385e+004



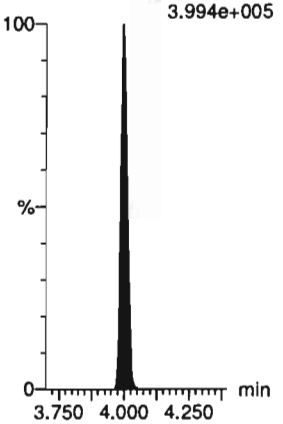
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.096e+005



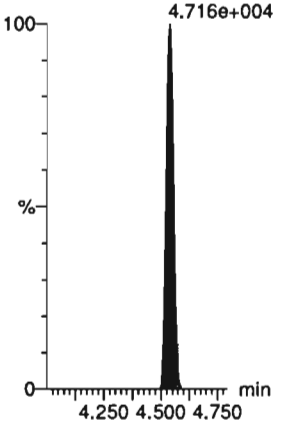
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.116e+005



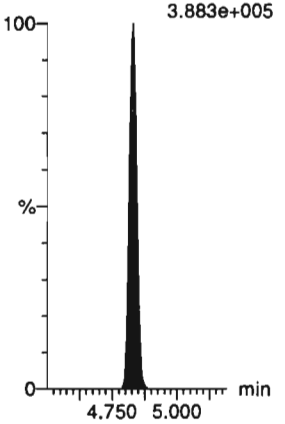
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.994e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
4.716e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.883e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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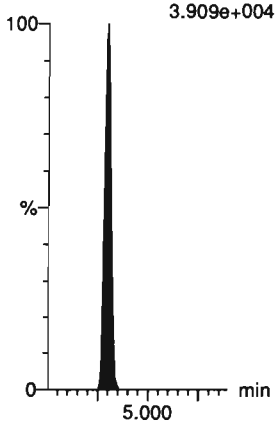
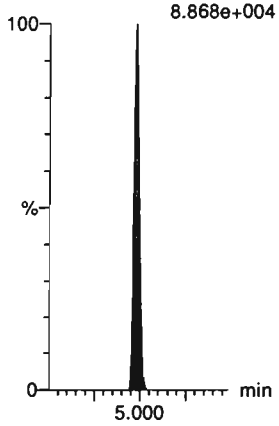
Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

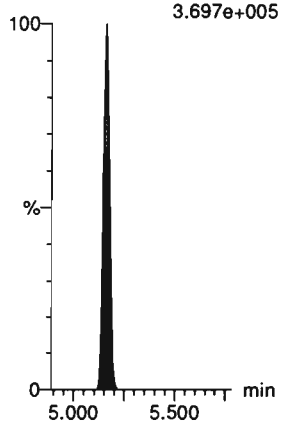
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.909e+004



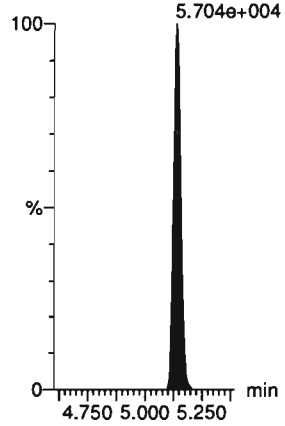
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
8.868e+004



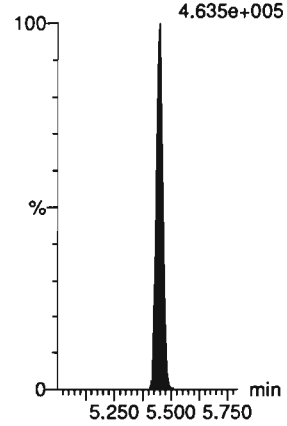
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.697e+005



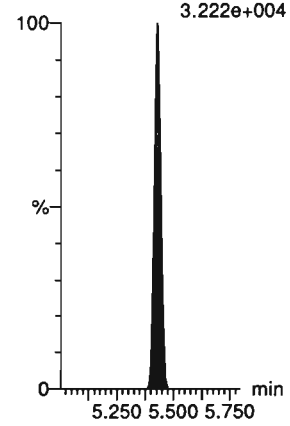
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.704e+004



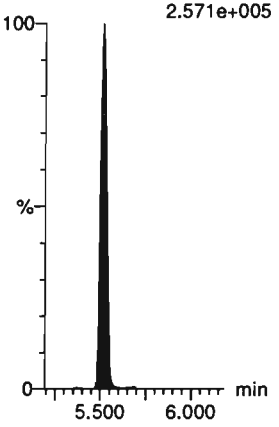
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.635e+005



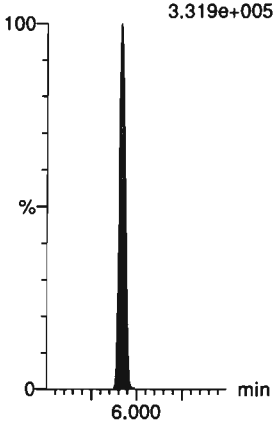
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
3.222e+004



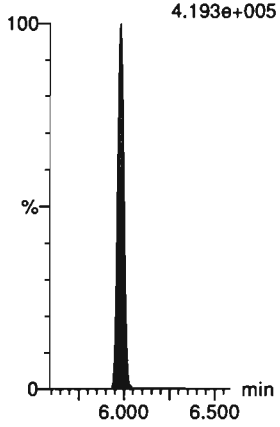
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.571e+005



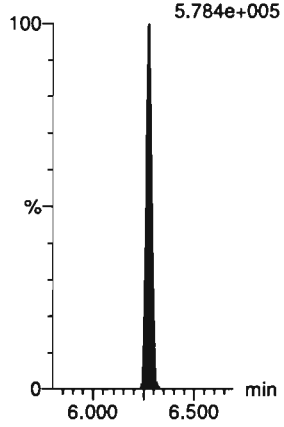
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.319e+005



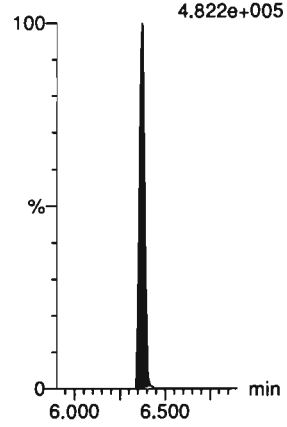
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.193e+005



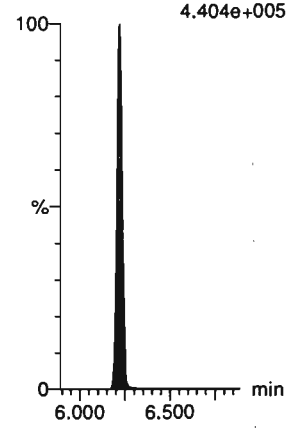
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.784e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.822e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.404e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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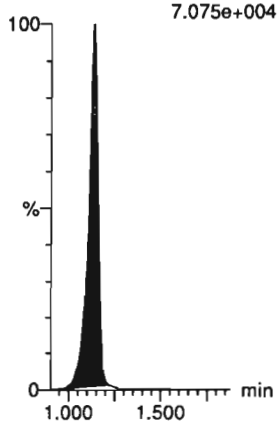
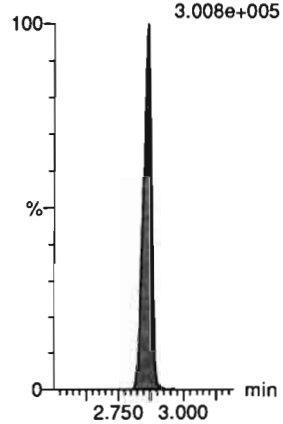
Name: 200612P1-5, Date: 12-Jun-2020, Time: 09:19:21, ID: ST200612P1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

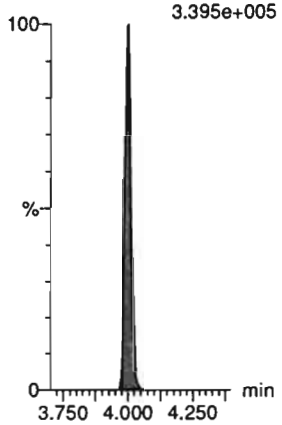
13C4-PFBA



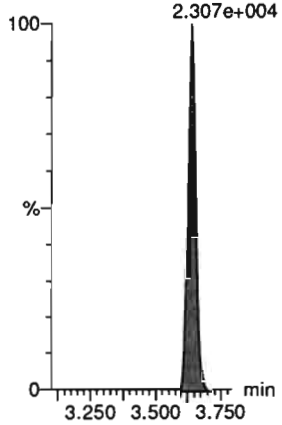
13C5-PFHxA



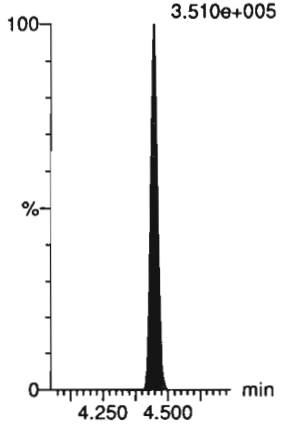
13C8-PFOA



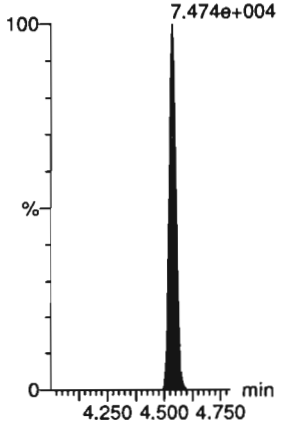
18O2-PFHxS



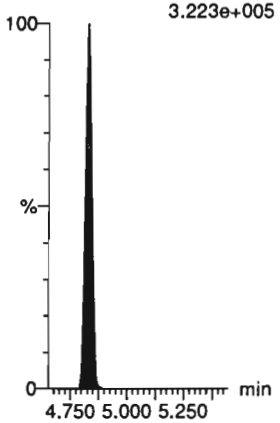
13C9-PFNA



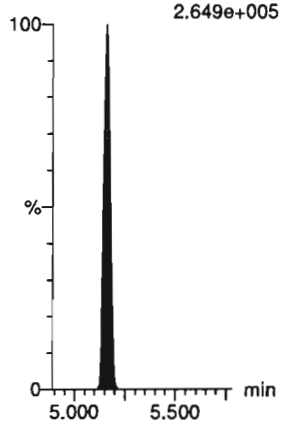
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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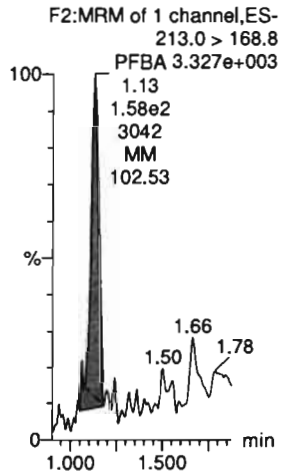
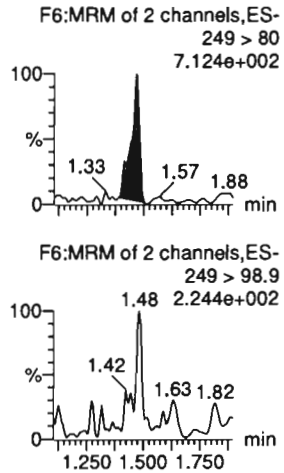
Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

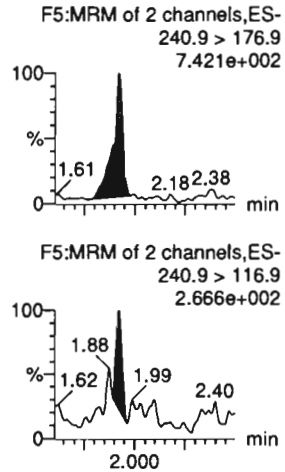
PFBA



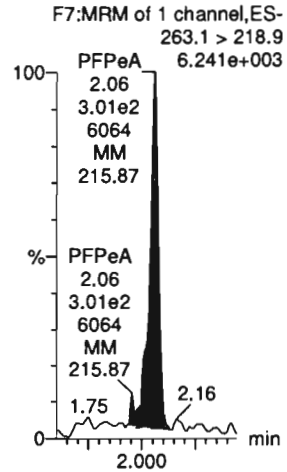
PFPrS



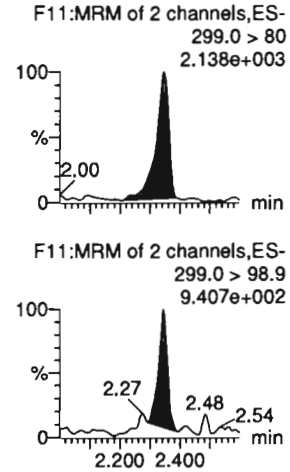
3:3 FTCA



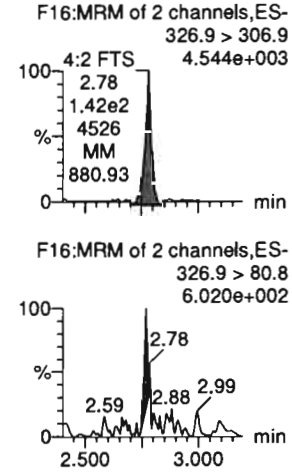
PFPeA



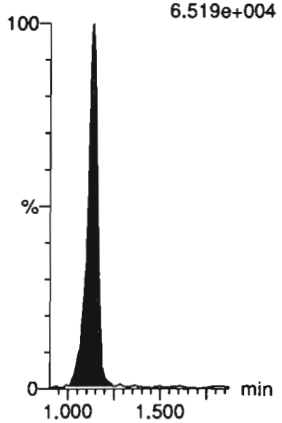
PFBS



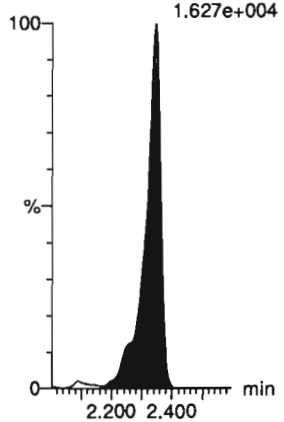
4:2 FTS



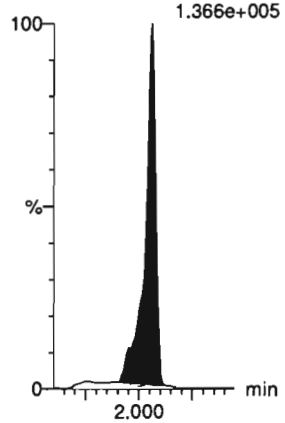
13C3-PFBA-EIS



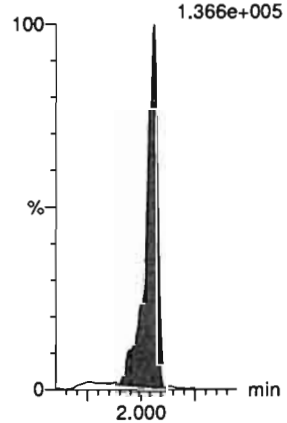
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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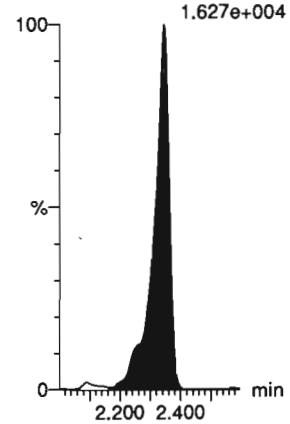
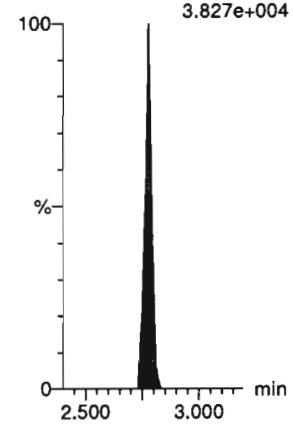


13C2-4:2 FTS-EIS



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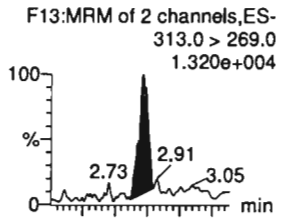
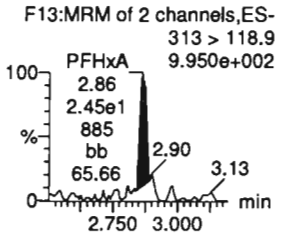
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

PFHxA





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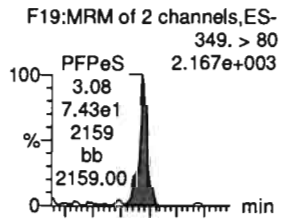
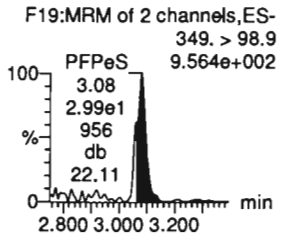
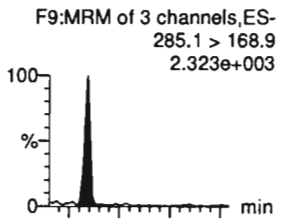
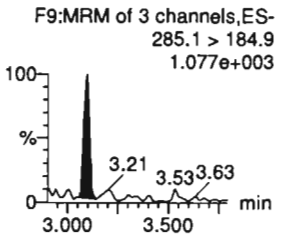


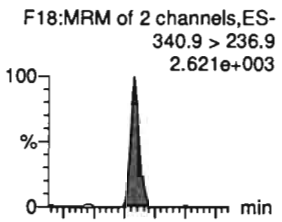


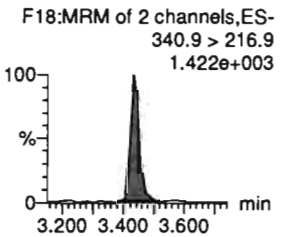
HFPO-DA





5:3 FTCA





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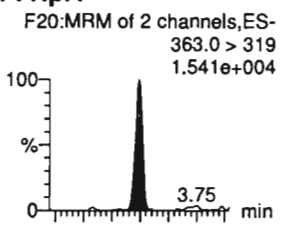

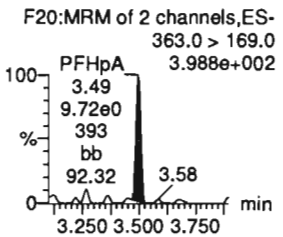

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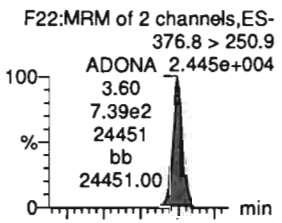

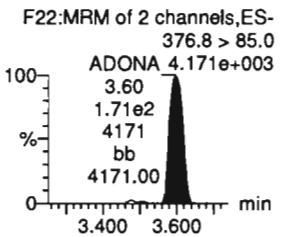

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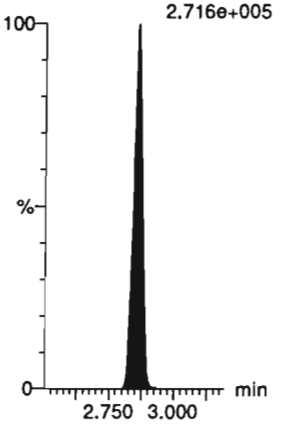
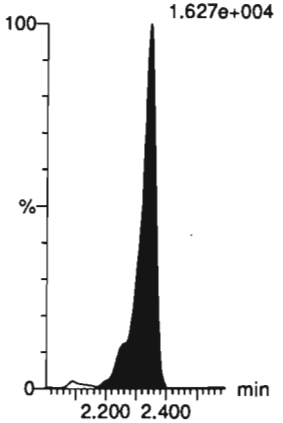


13C3-PFBS-EIS



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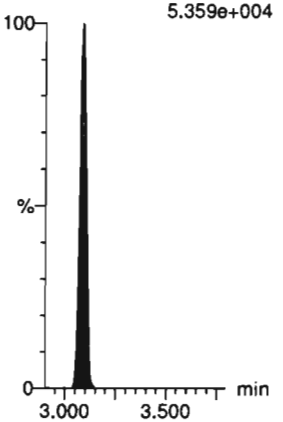

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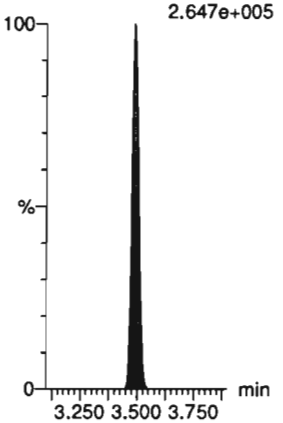

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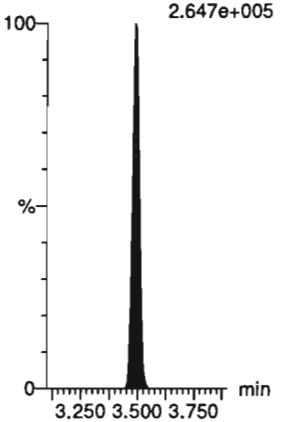

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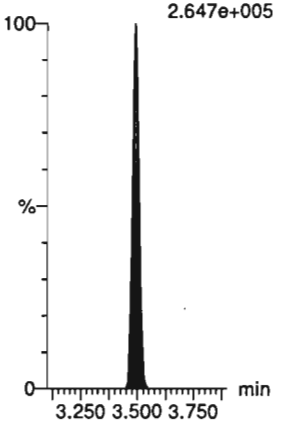

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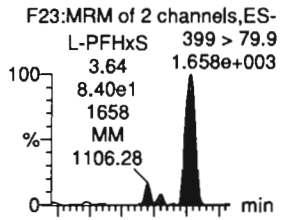
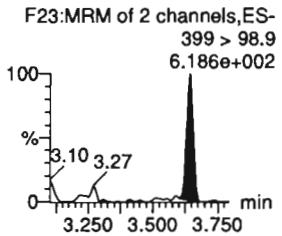
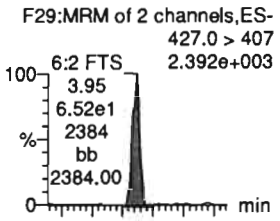
Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

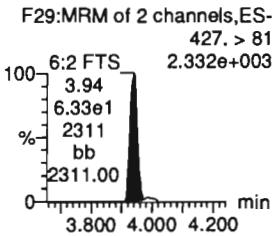
L-PFHxS





6:2 FTS





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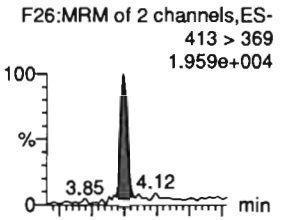

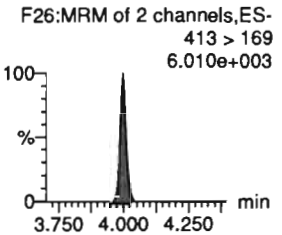

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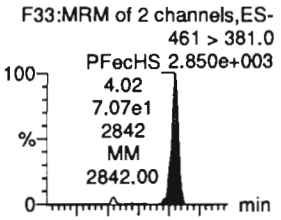

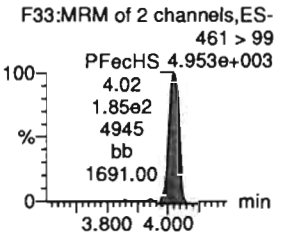

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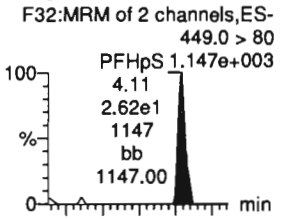
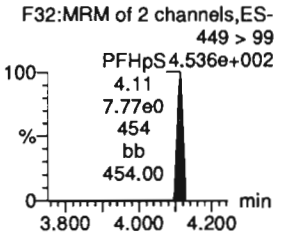
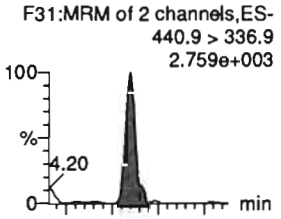
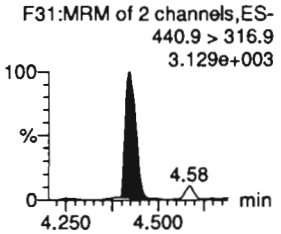


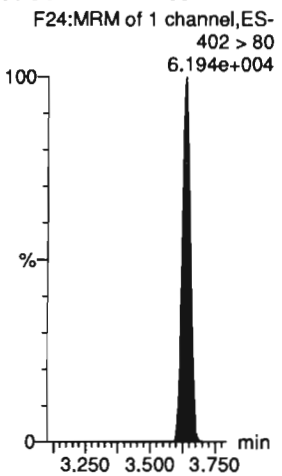


7:3 FTCA





13C3-PFHxS-EIS



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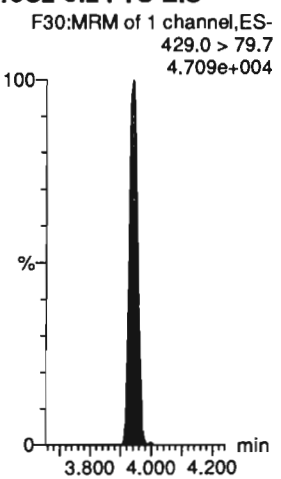

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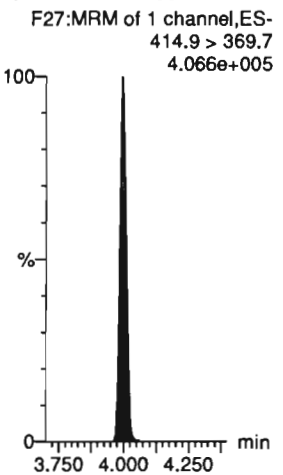

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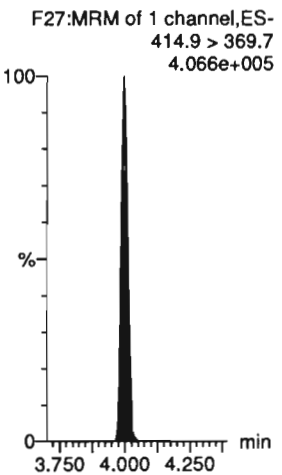
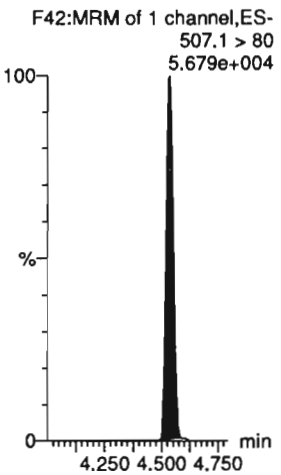
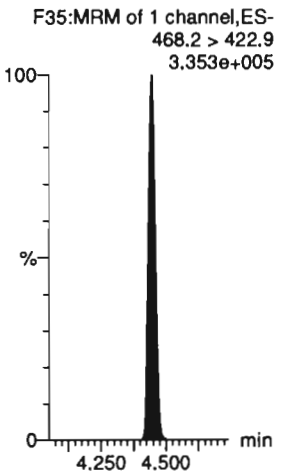


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

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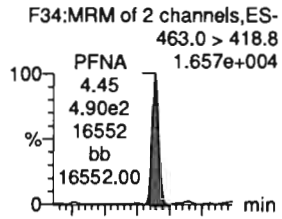

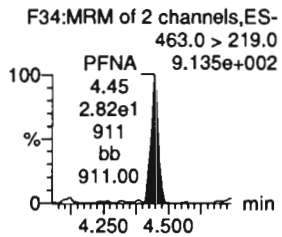

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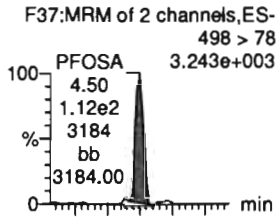
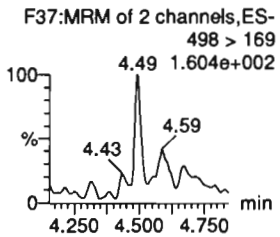
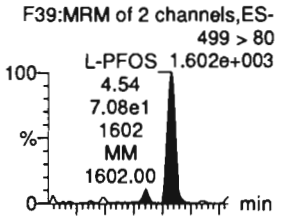
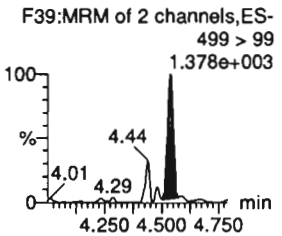




L-PFOS





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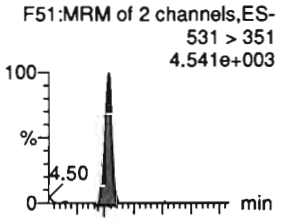

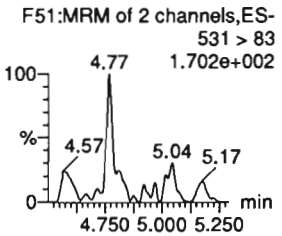

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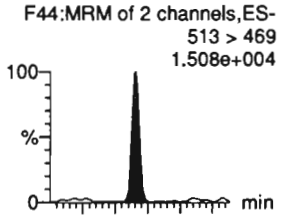
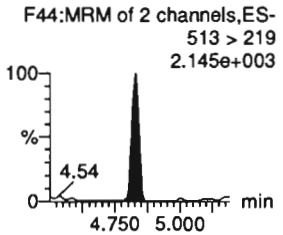
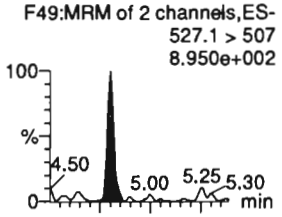
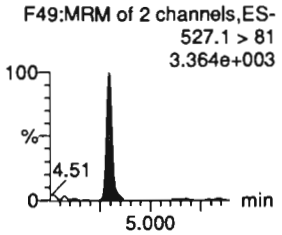




8:2 FTS





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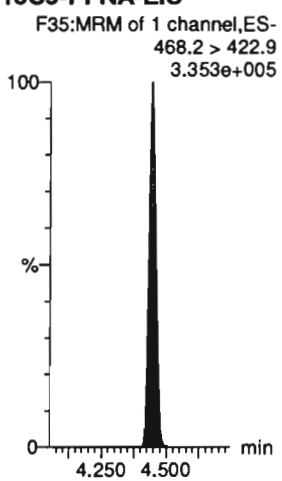

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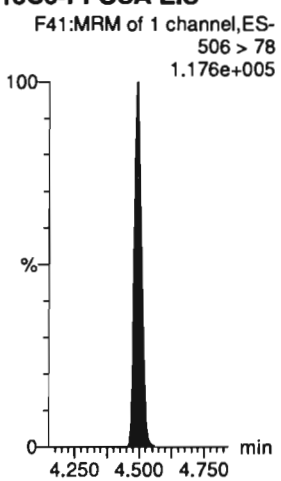
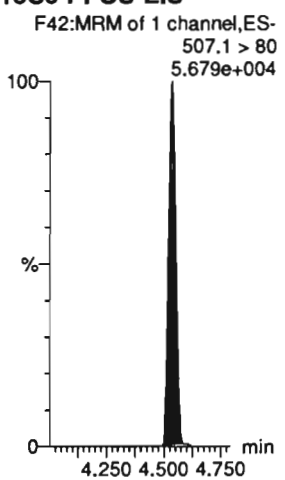


13C8-PFOS-EIS



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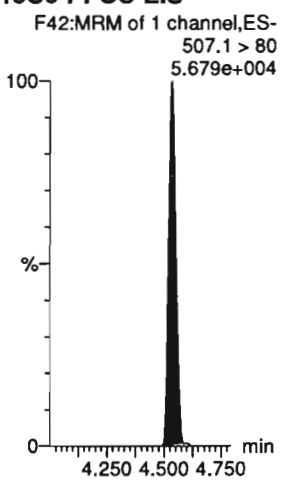

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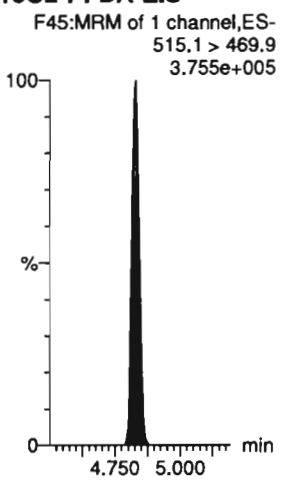
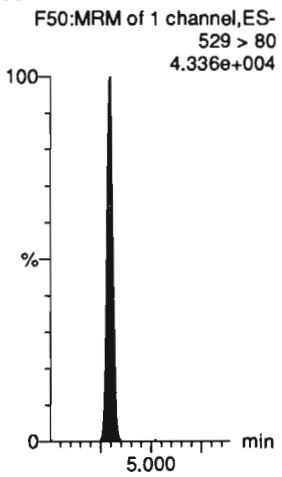


13C2-8:2 FTS-EIS



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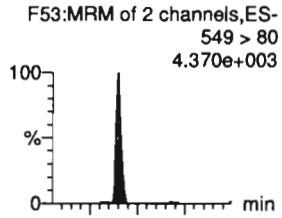
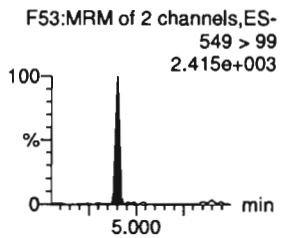
Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

PFNS





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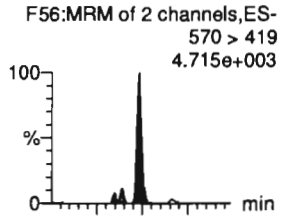

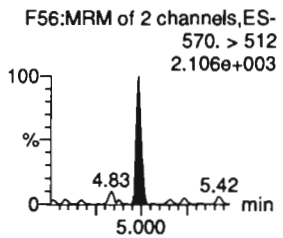

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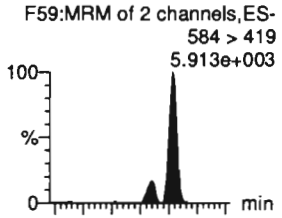

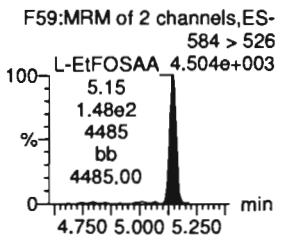

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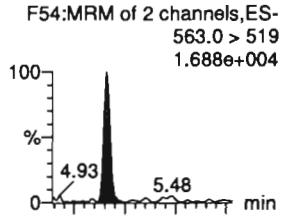

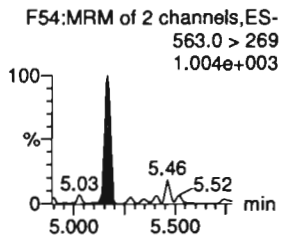

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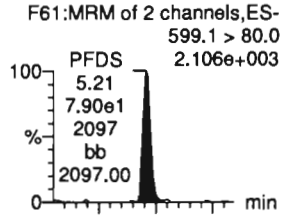

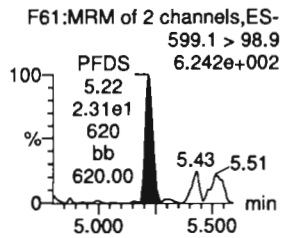

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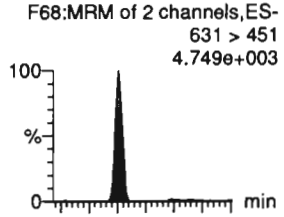
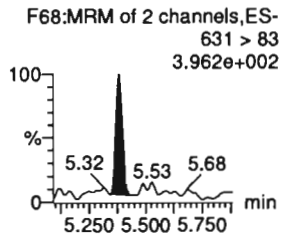
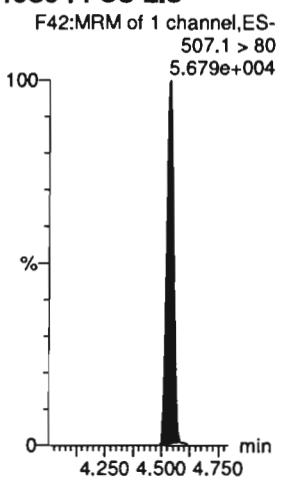
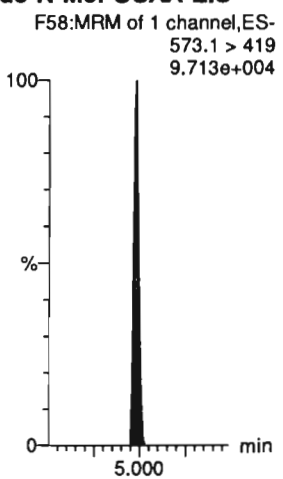




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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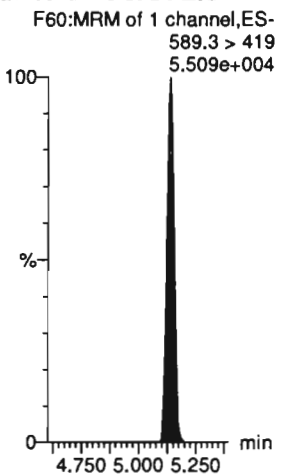

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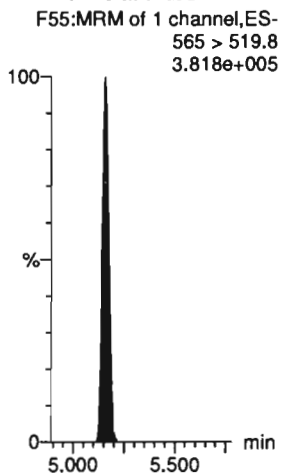
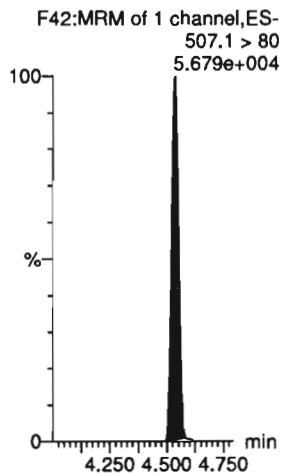


13C8-PFOS-EIS



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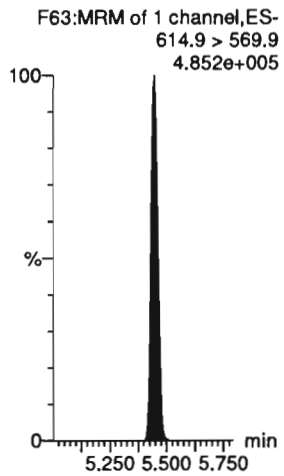

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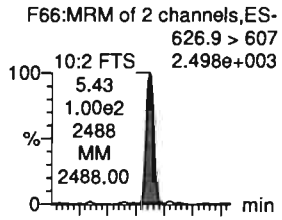
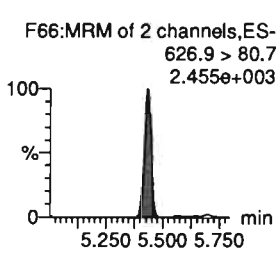
Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

10:2 FTS





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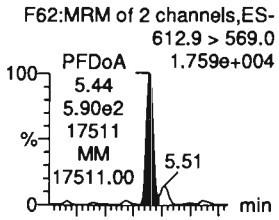
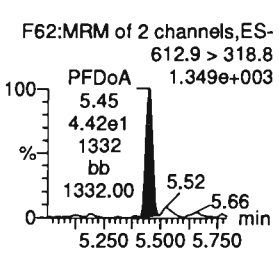
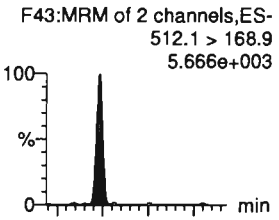
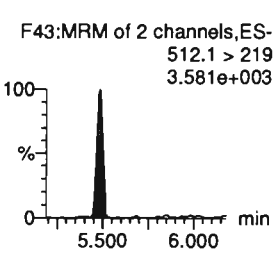




N-MeFOSA





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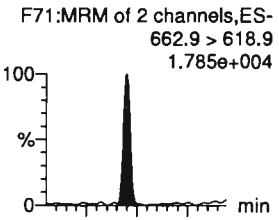

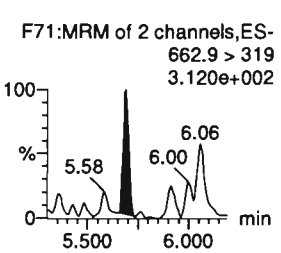

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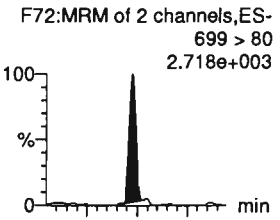

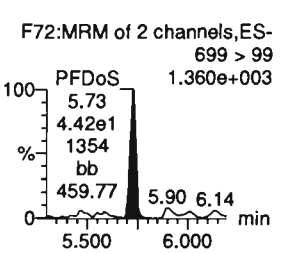

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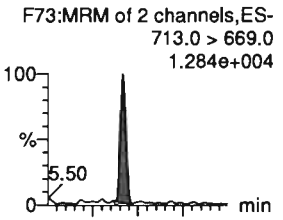
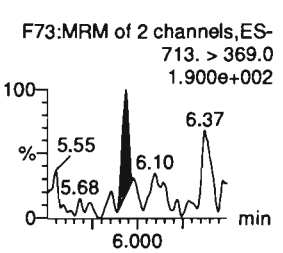
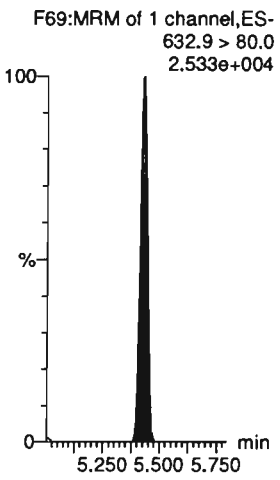




13C2-10:2 FTS-EIS



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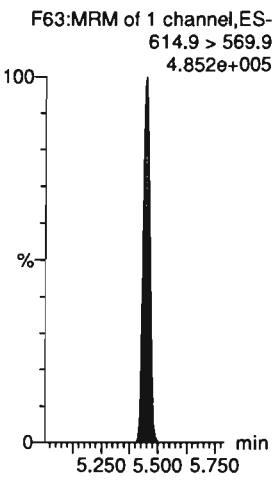
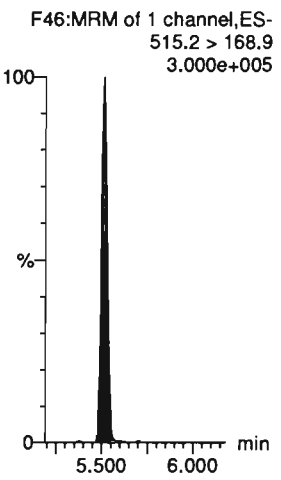


d3-N-MeFOSA-EIS



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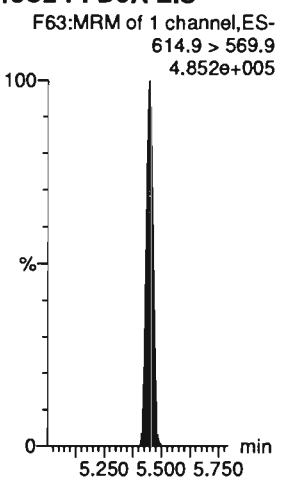
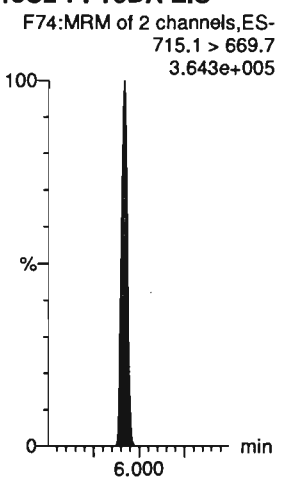


13C2-PFTeDA-EIS



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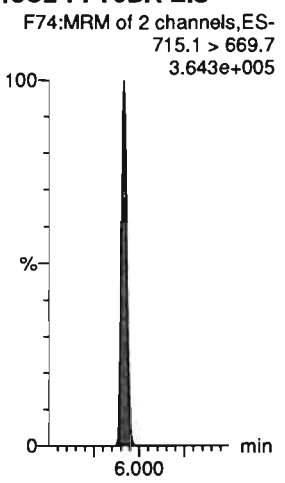

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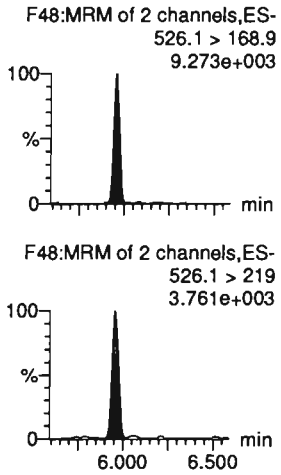
Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

N-EtFOSA



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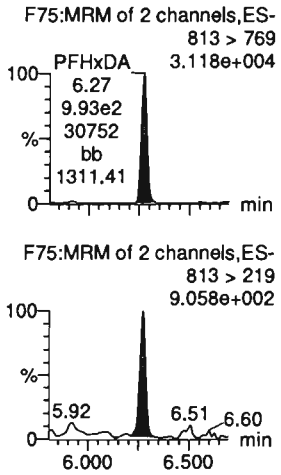

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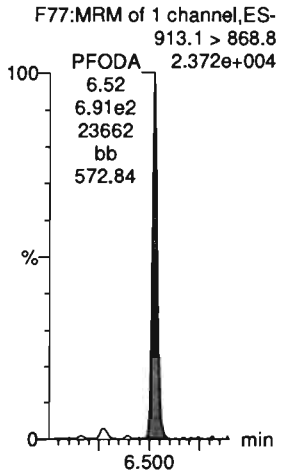
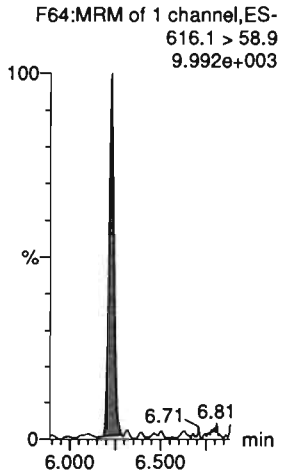


N-MeFOSE



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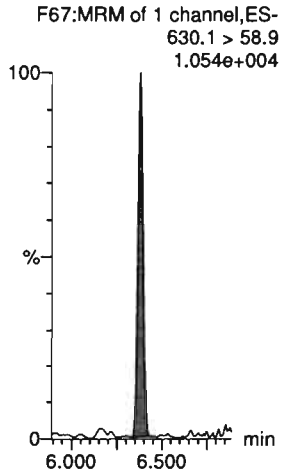
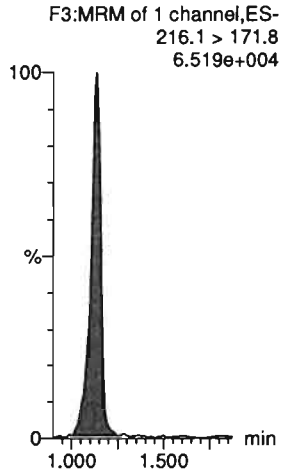
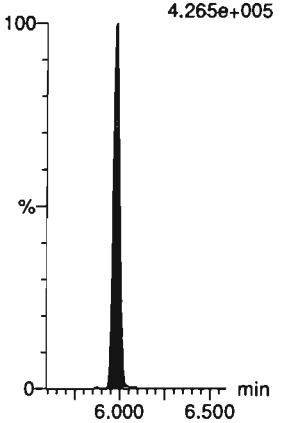


13C3-PFBA-RSD



d5-N-ETFOSA-EIS



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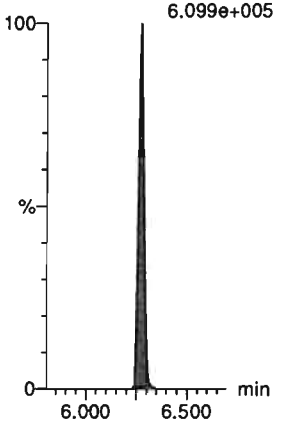

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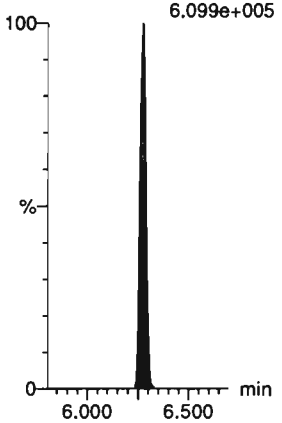

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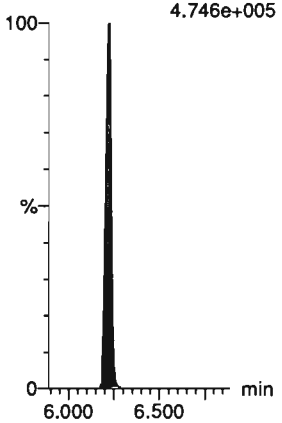

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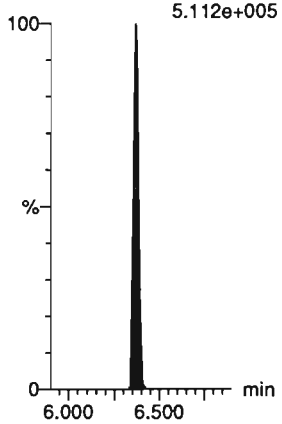

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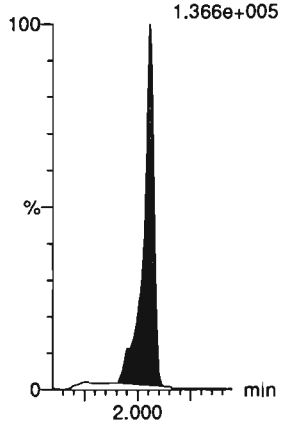

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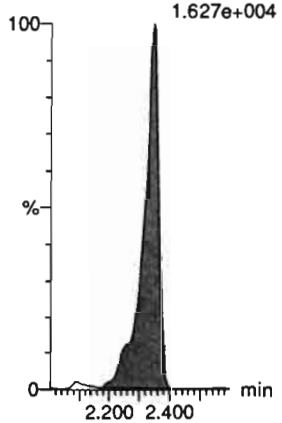
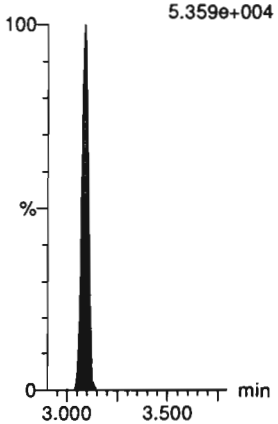
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

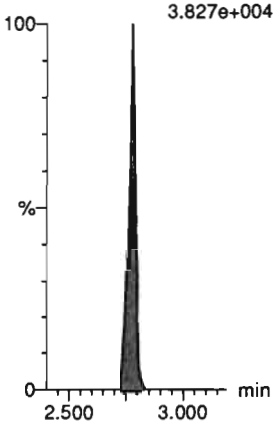
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.627e+004



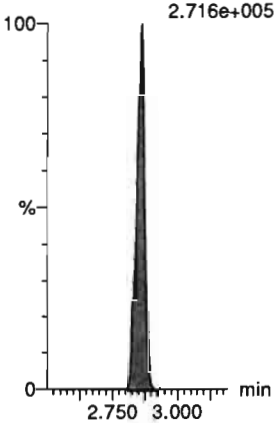
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.359e+004



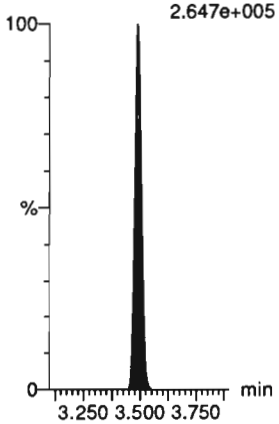
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.827e+004



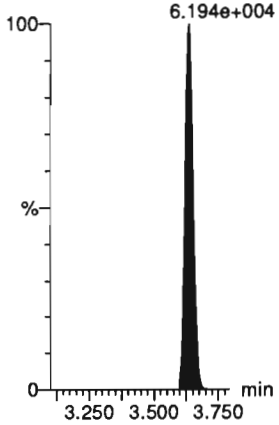
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.716e+005



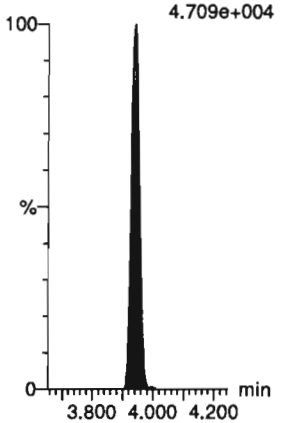
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.647e+005



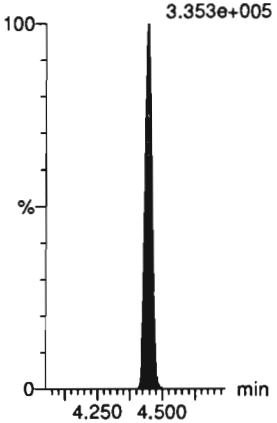
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.194e+004



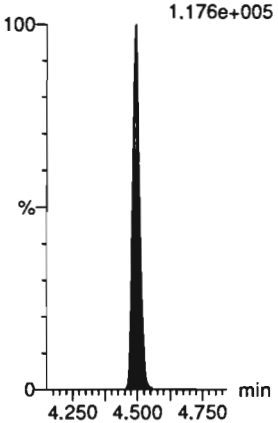
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.709e+004



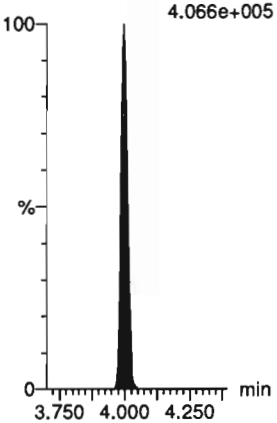
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.353e+005



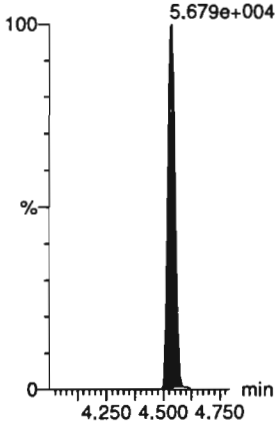
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.176e+005



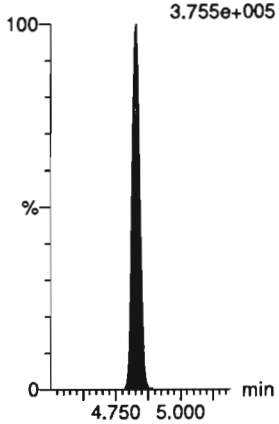
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.066e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
5.679e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.755e+005

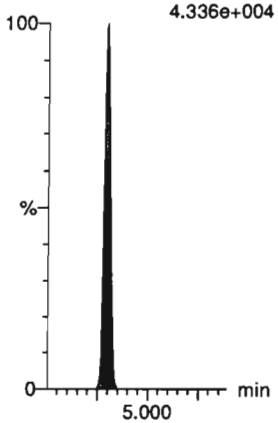


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

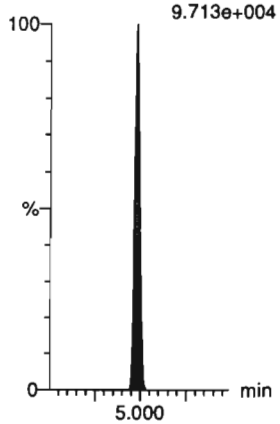
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

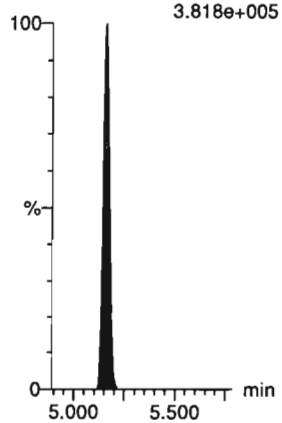
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.336e+004



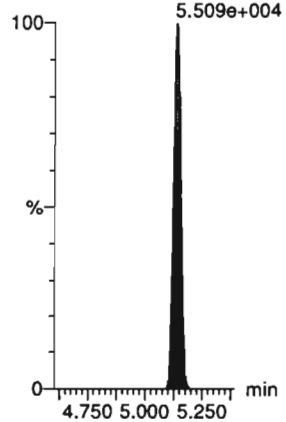
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.713e+004



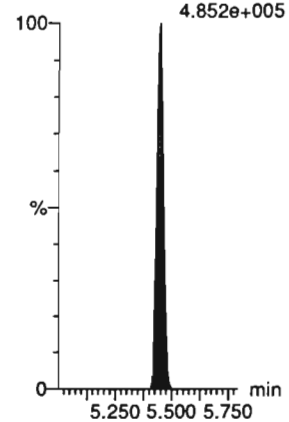
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.818e+005



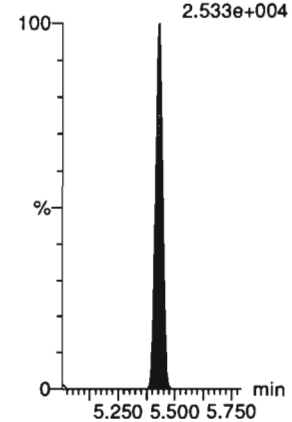
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.509e+004



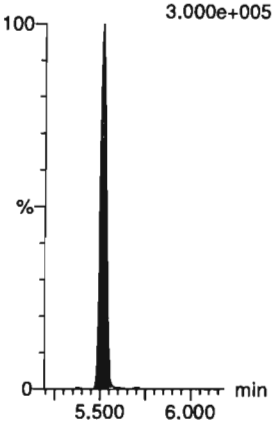
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.852e+005



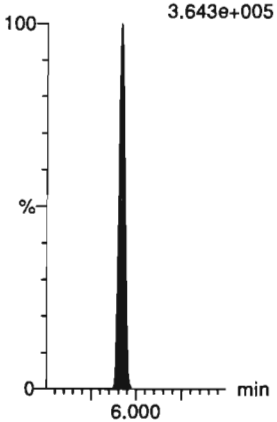
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.533e+004



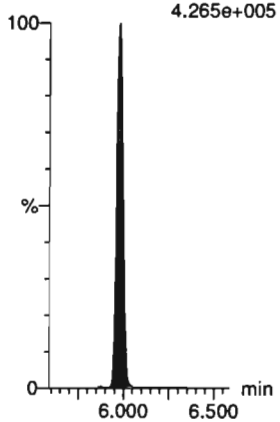
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.000e+005



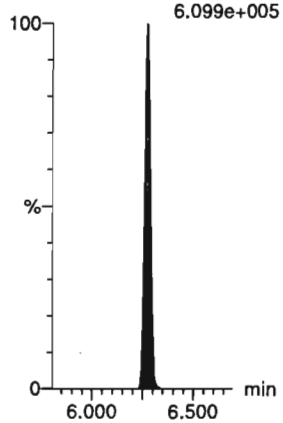
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.643e+005



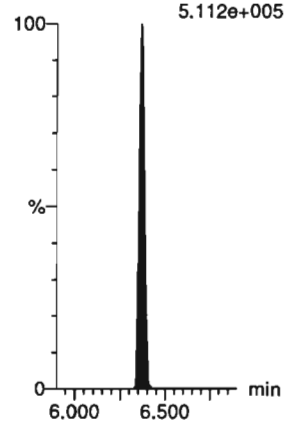
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.265e+005



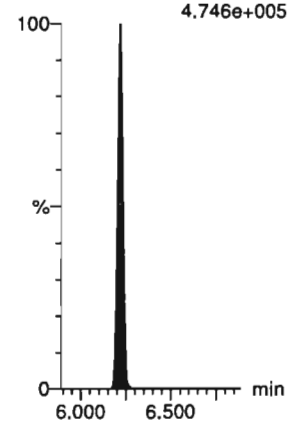
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.099e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.112e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.746e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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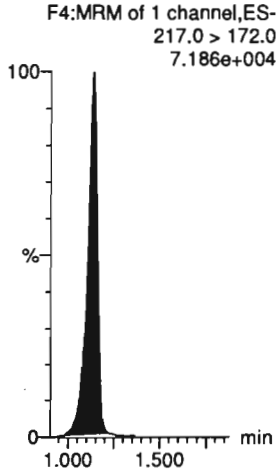
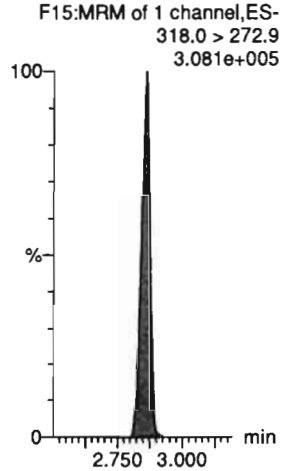
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-6, Date: 12-Jun-2020, Time: 09:29:50, ID: ST200612P1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

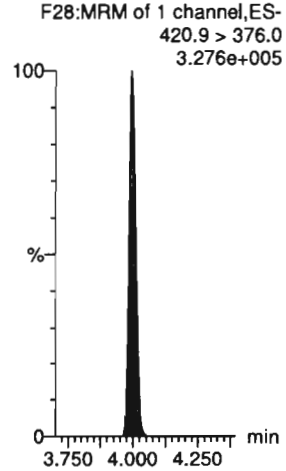
13C4-PFBA



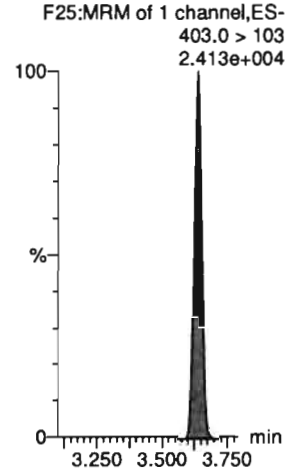
13C5-PFHxA



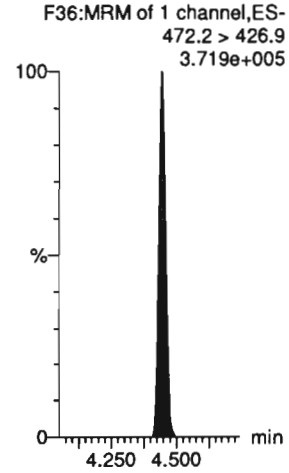
13C8-PFOA



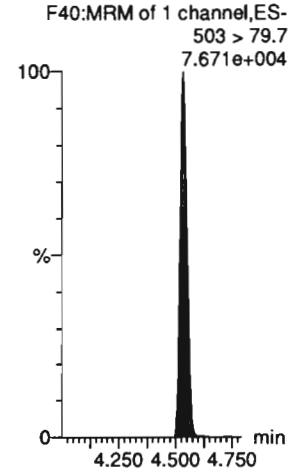
18O2-PFHxS



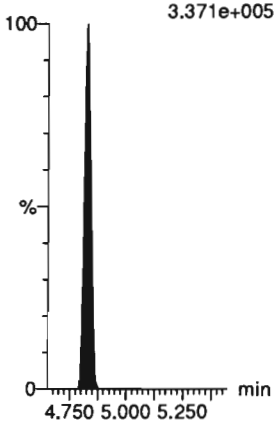
13C9-PFNA



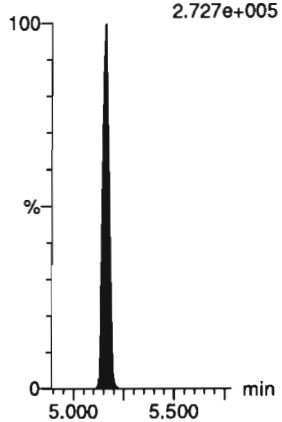
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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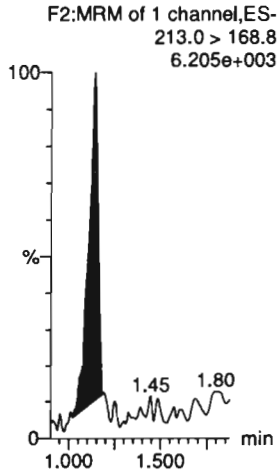
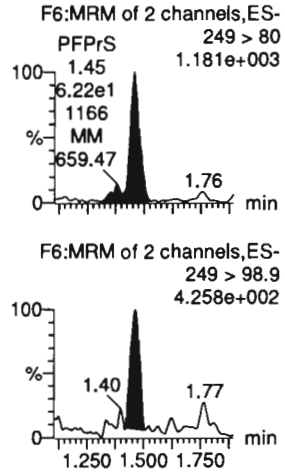
Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

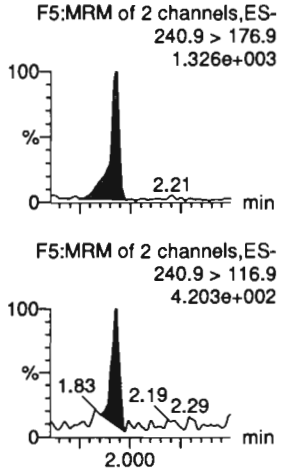
PFBA



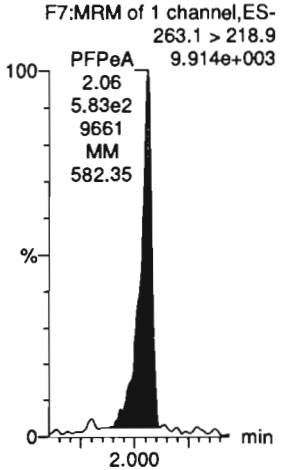
PFPrS



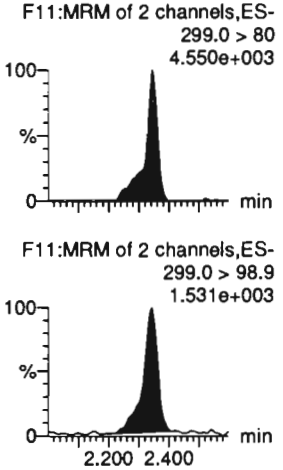
3:3 FTCA



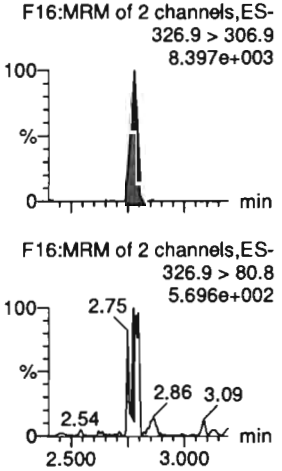
PFPeA



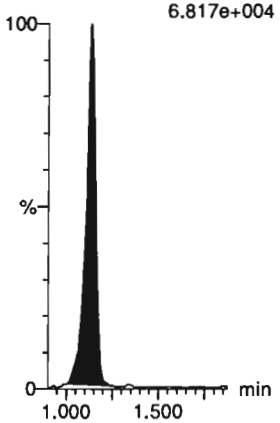
PFBS



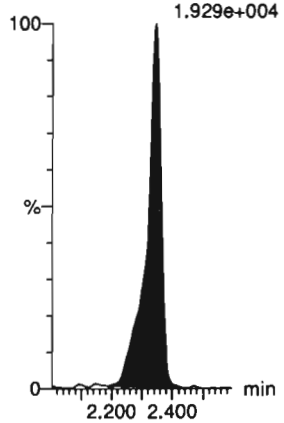
4:2 FTS



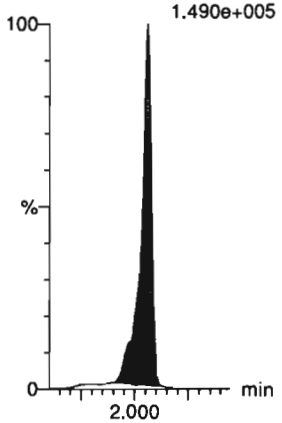
13C3-PFBA-EIS



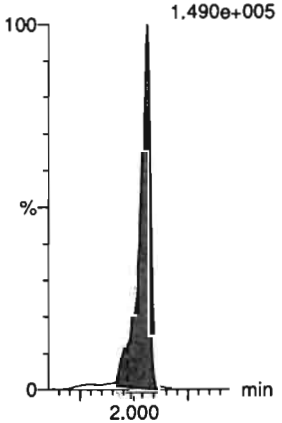
13C3-PFBS-EIS



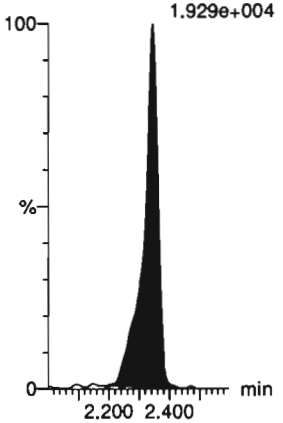
13C3-PFPeA-EIS



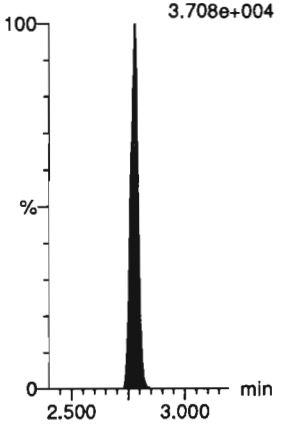
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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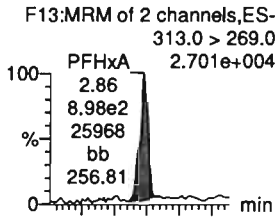
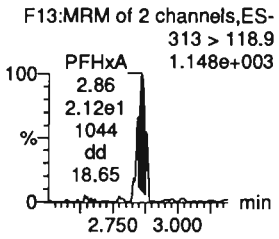
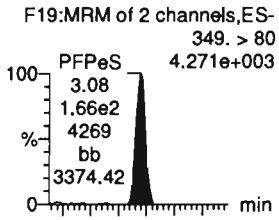
Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

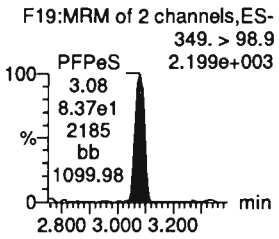
PFHxA





PFPeS





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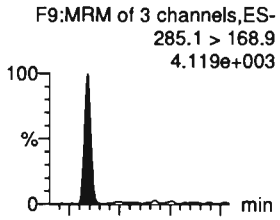
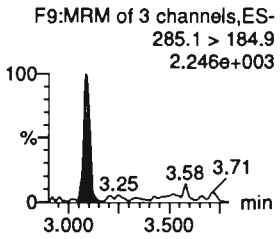
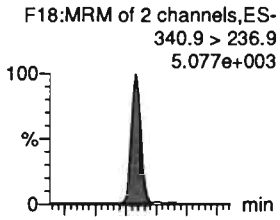
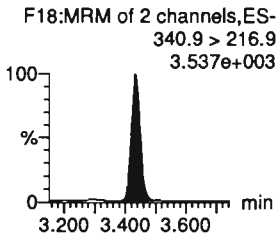




5:3 FTCA





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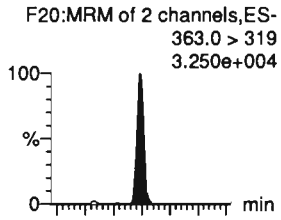

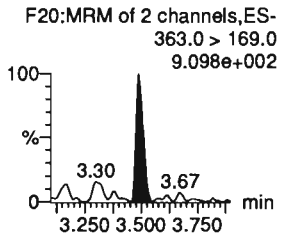

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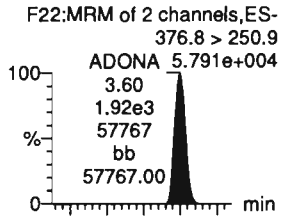
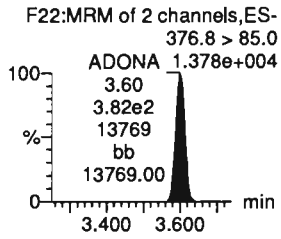
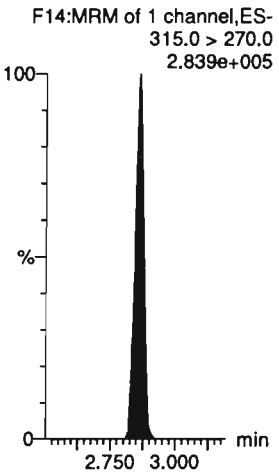
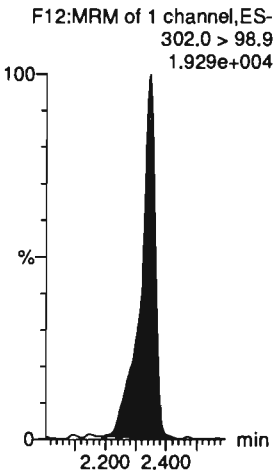




13C2-PFHxA-EIS



13C3-PFBS-EIS



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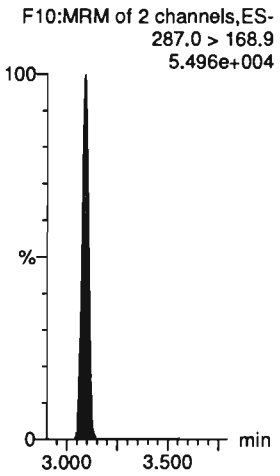
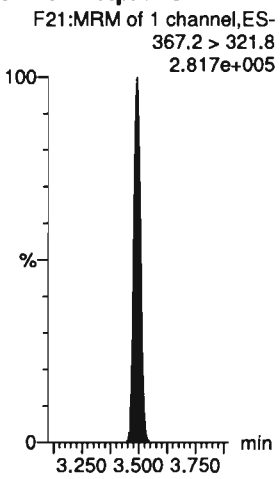


13C4-PFHpA-EIS



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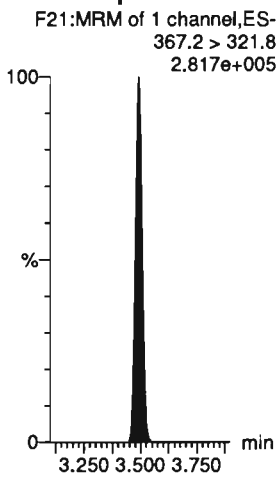

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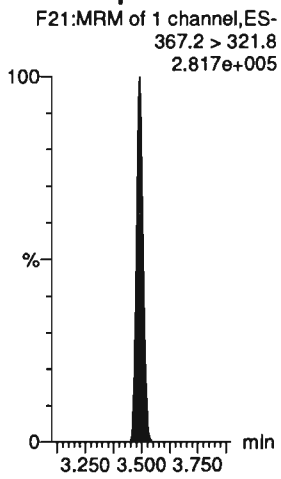

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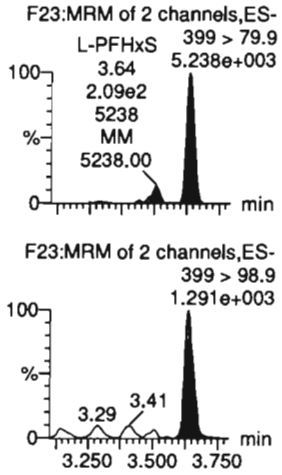
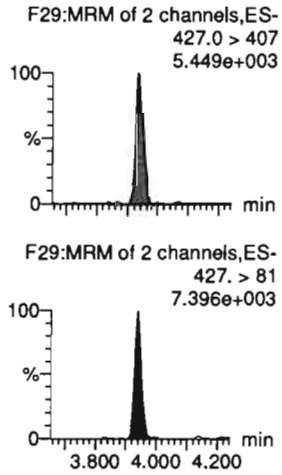
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

L-PFHxS



6:2 FTS



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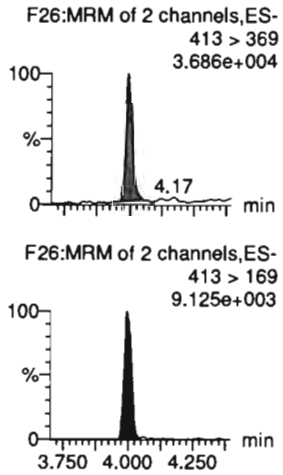

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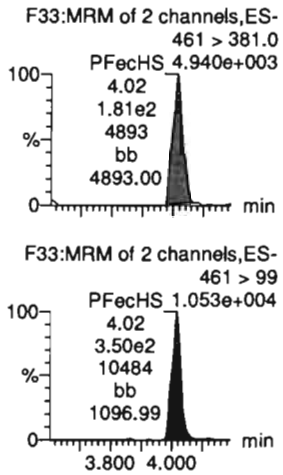

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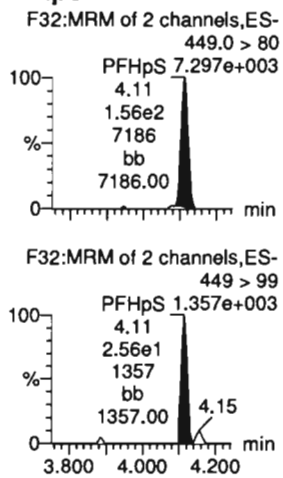
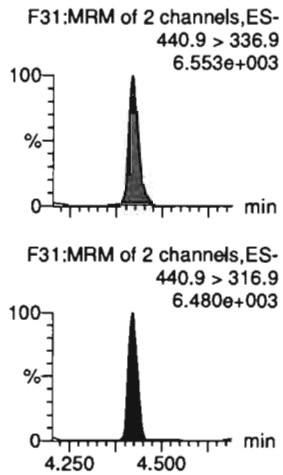


7:3 FTCA



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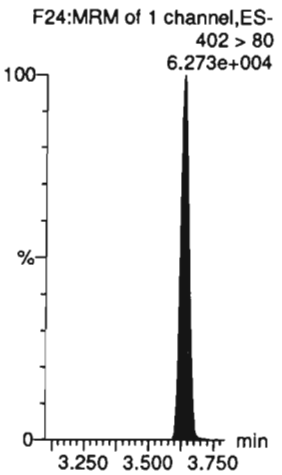
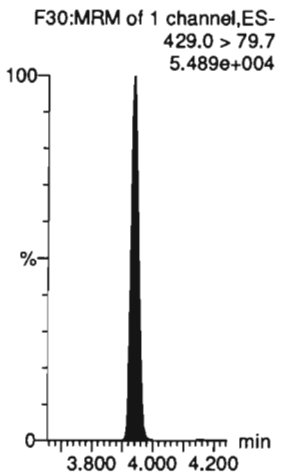


13C2-6:2 FTS-EIS



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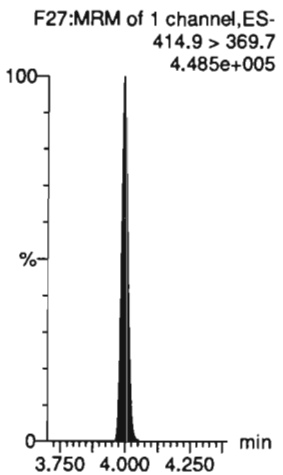

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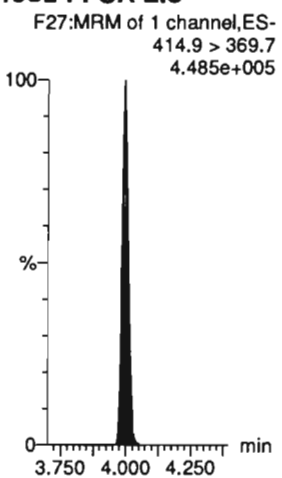

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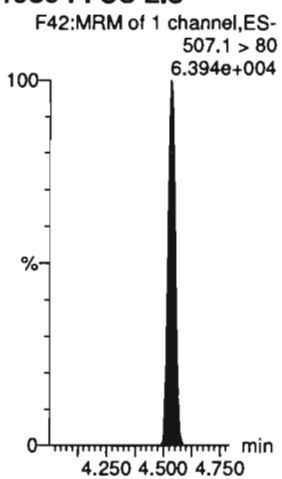
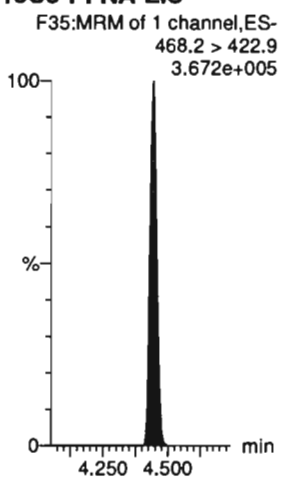


13C5-PFNA-EIS



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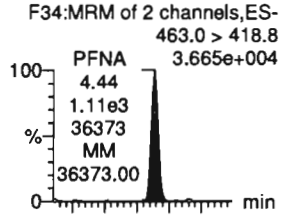
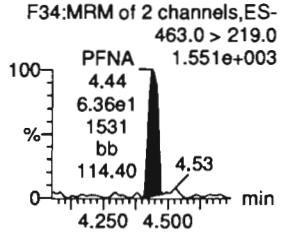
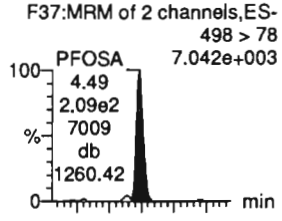
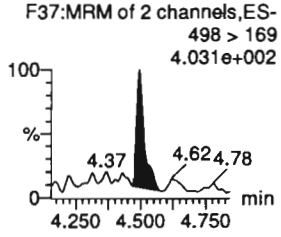


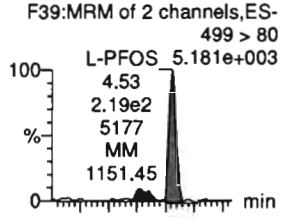


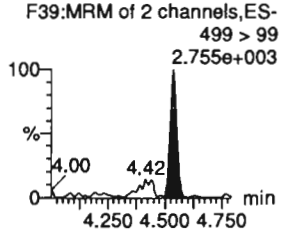
PFOSA





L-PFOS





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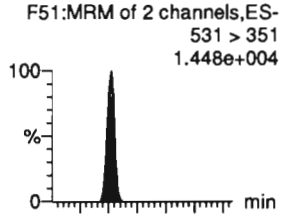

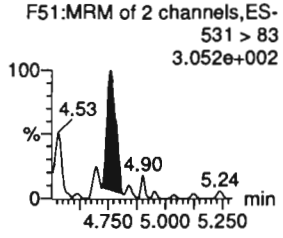

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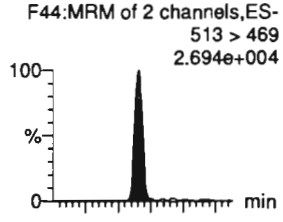
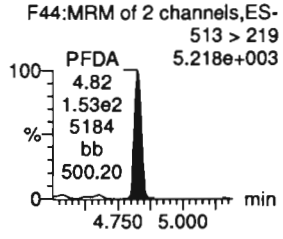
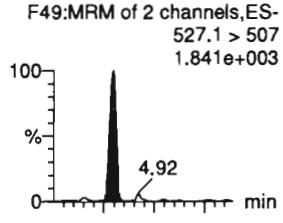
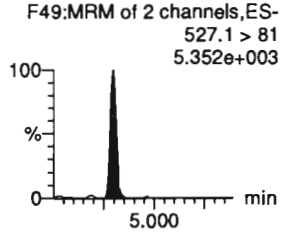




8:2 FTS





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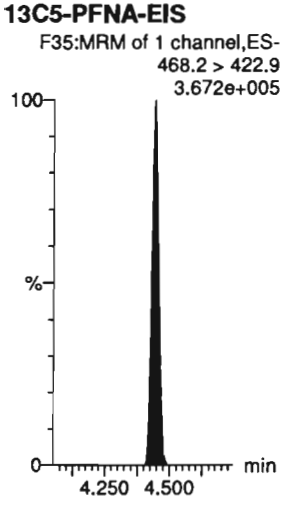
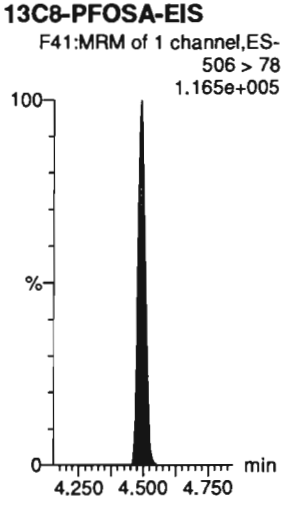


13C8-PFOSA-EIS



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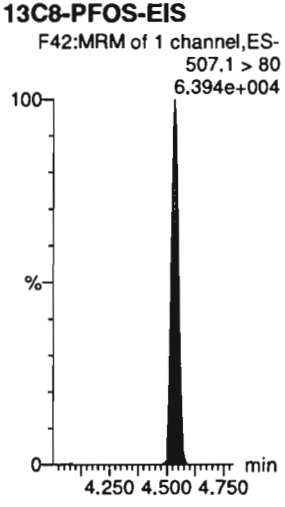

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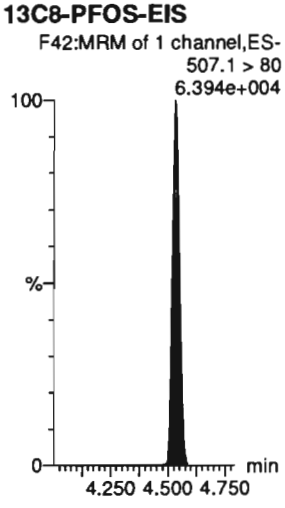

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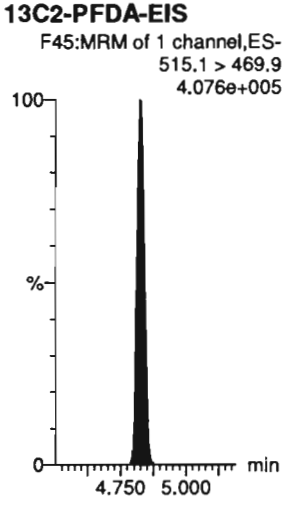
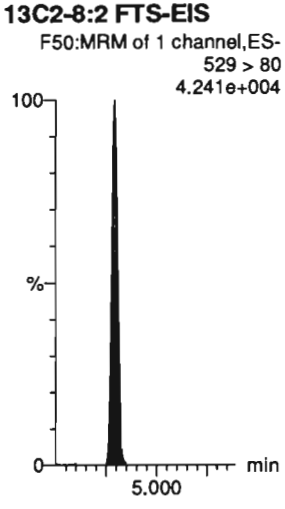


13C2-8:2 FTS-EIS



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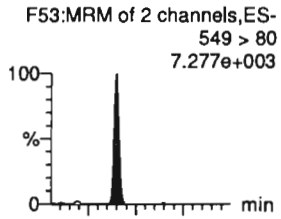
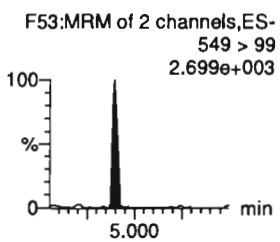
Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

PFNS





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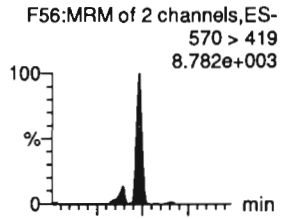

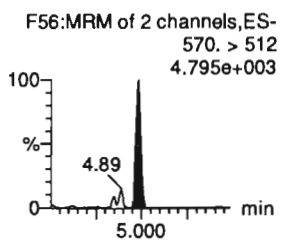

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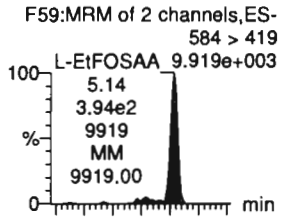

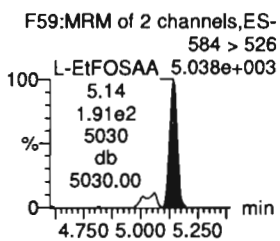

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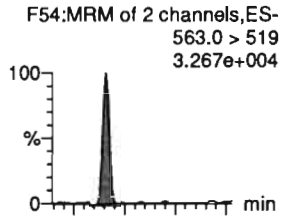
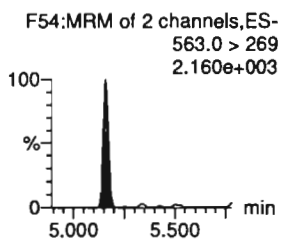
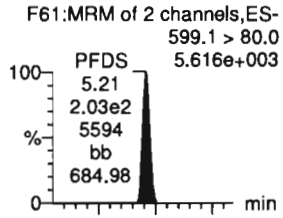
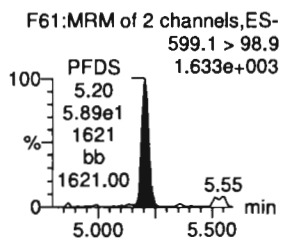


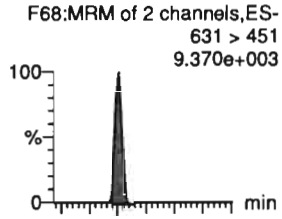


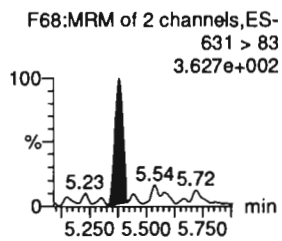
PFDS



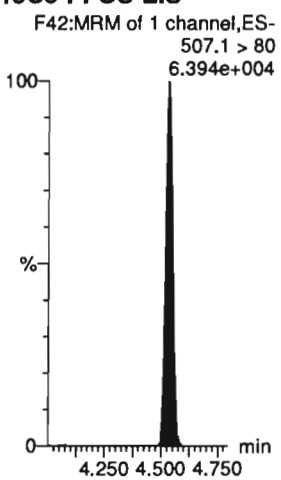


11Cl-PF30UdS

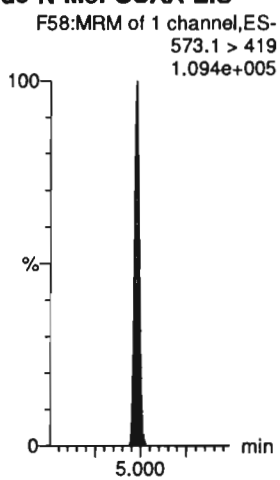




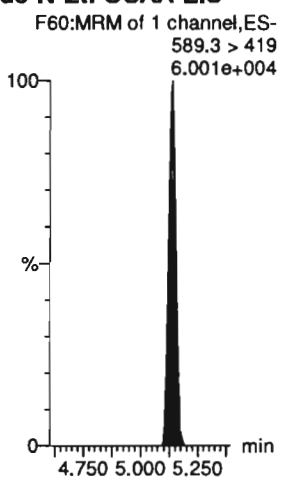
13C8-PFOS-EIS



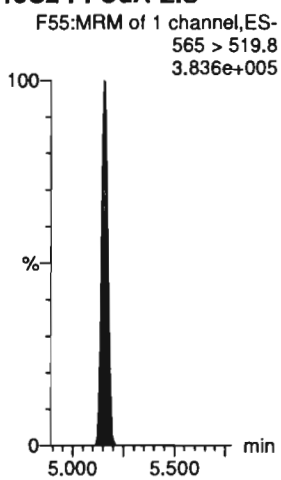
d3-N-MeFOSAA-EIS



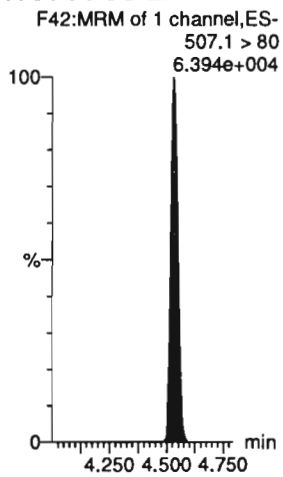
d5-N-EtFOSAA-EIS



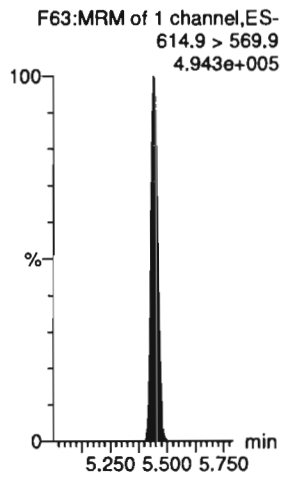
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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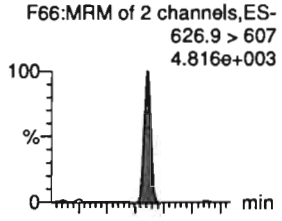
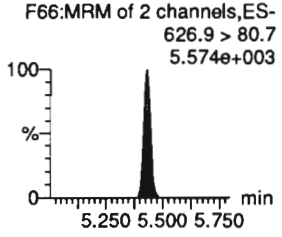
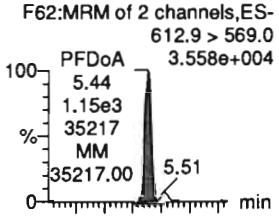
Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

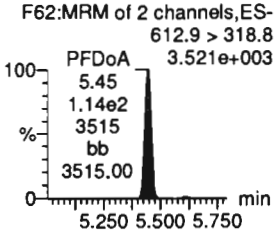
10:2 FTS



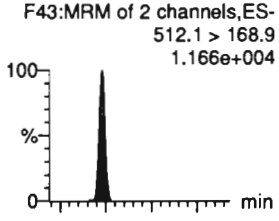


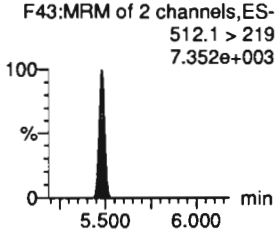
PFDoA





N-MeFOSA





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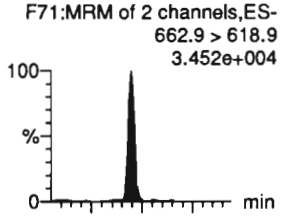
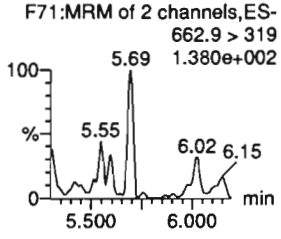
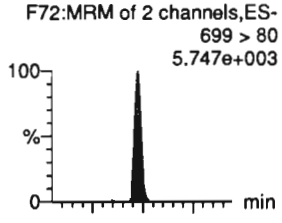
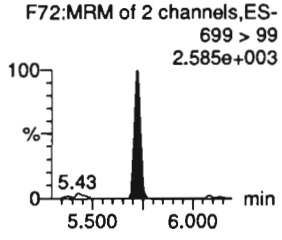




PFDoS





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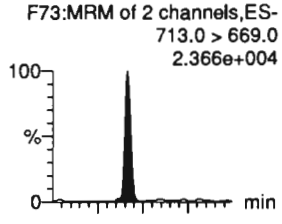
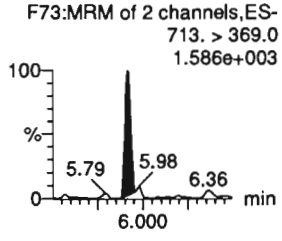
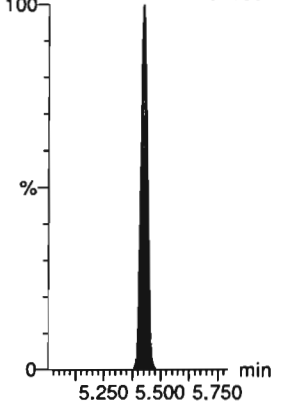
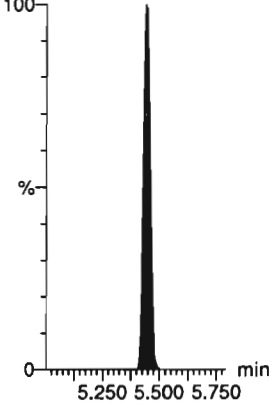




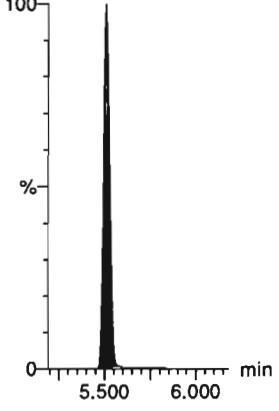
13C2-10:2 FTS-EIS



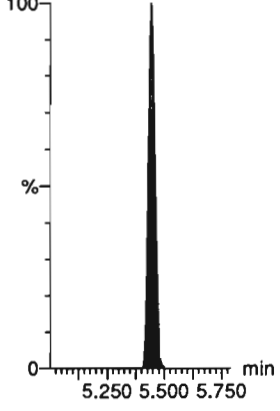
13C2-PFDoA-EIS



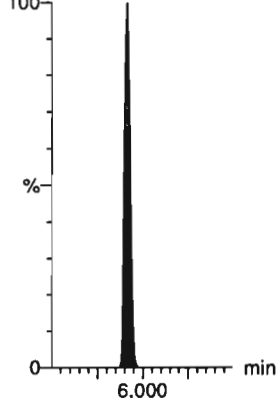
d3-N-MeFOSA-EIS



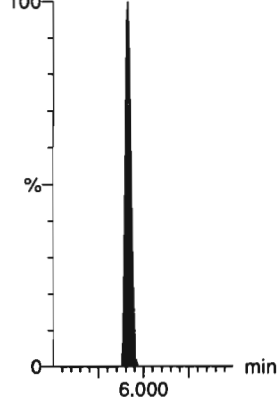
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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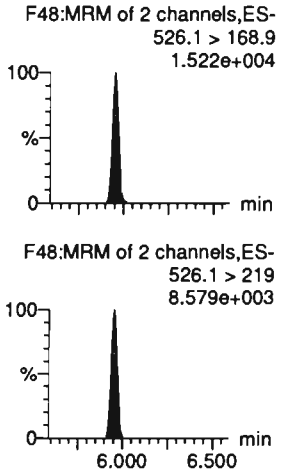
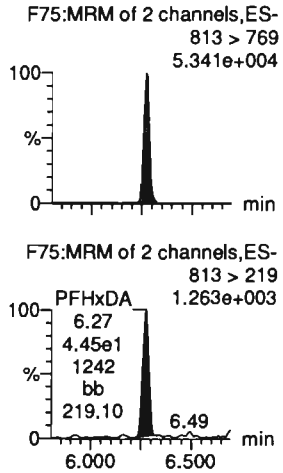
Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

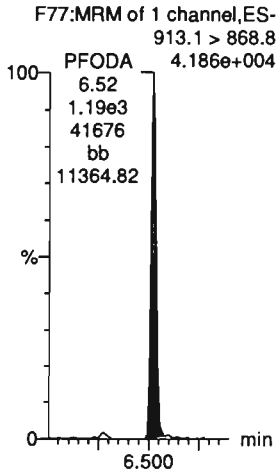
N-EtFOSA



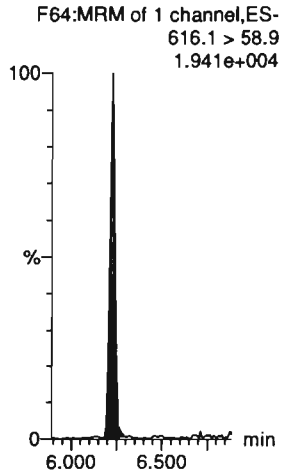
PFHxDA



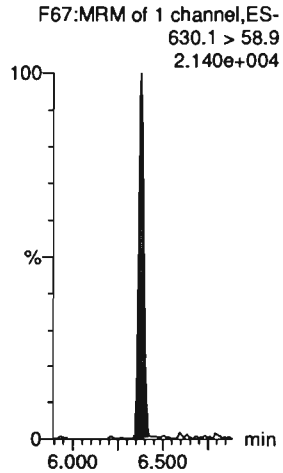
PFODA



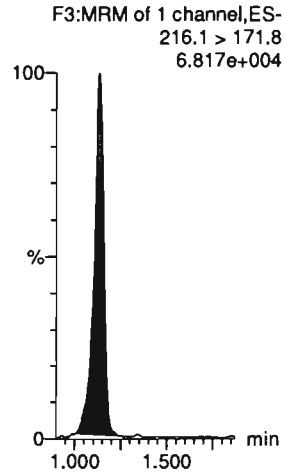
N-MeFOSE



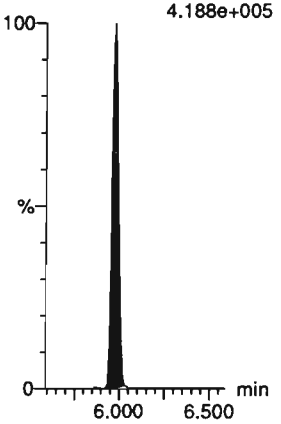
N-EtFOSE



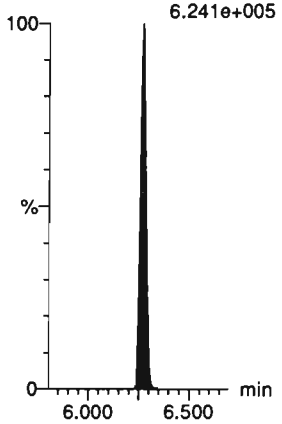
13C3-PFBA-RSD



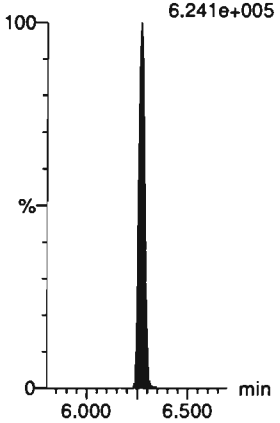
d5-N-ETFOSA-EIS



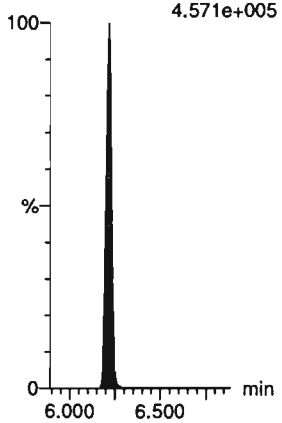
13C2-PFHxDA-EIS



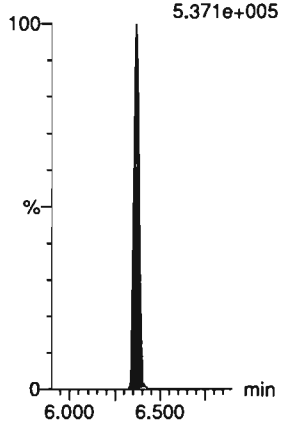
13C2-PFHxDA-EIS



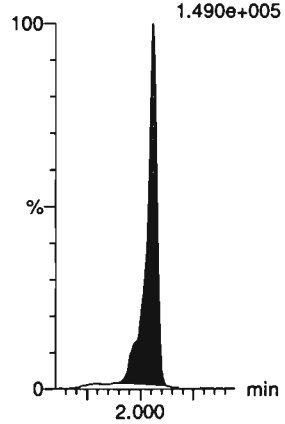
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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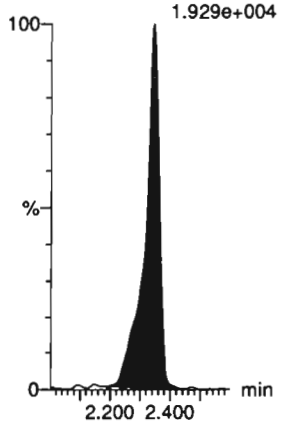
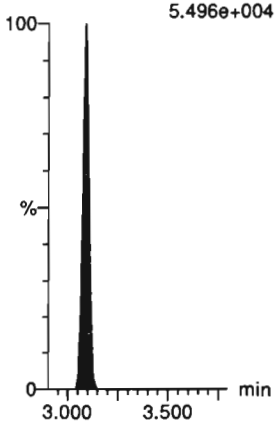
Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

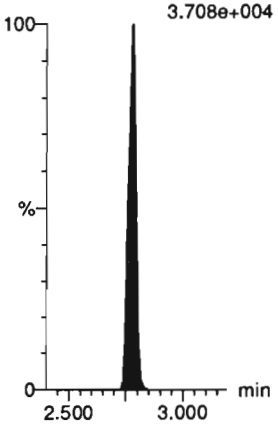
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.929e+004



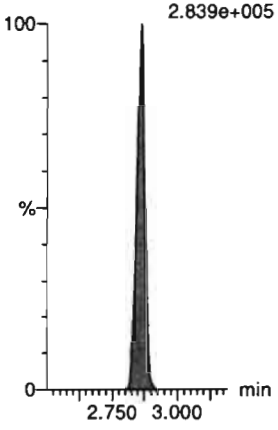
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.496e+004



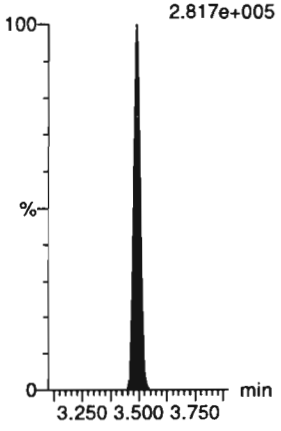
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.708e+004



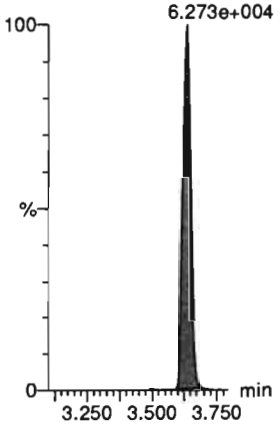
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.839e+005



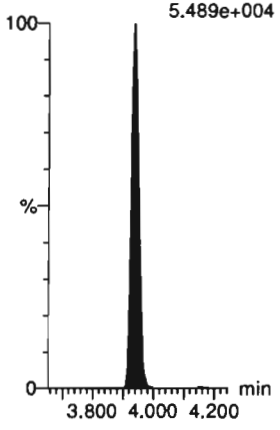
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.817e+005



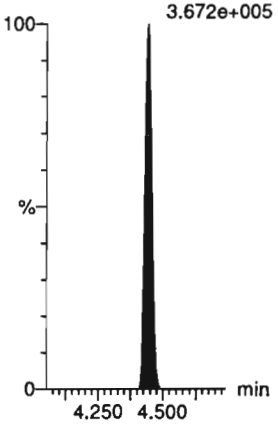
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.273e+004



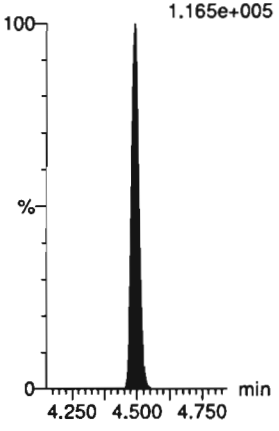
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.489e+004



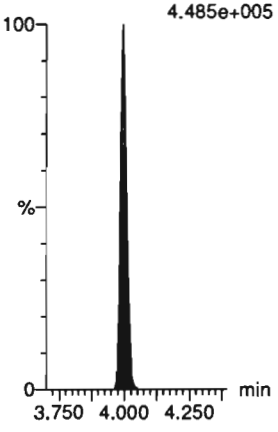
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.672e+005



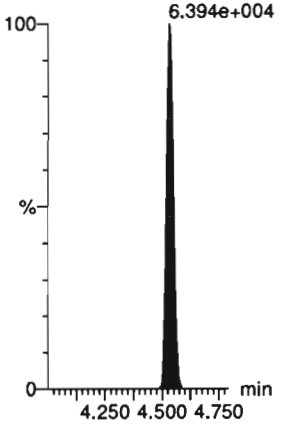
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.165e+005



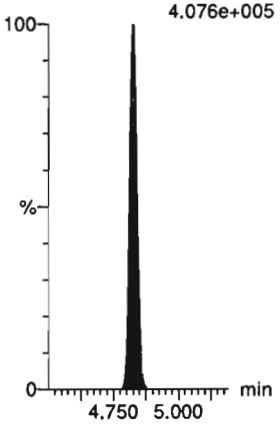
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.485e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.394e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.076e+005

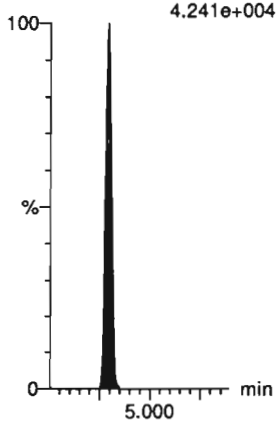


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

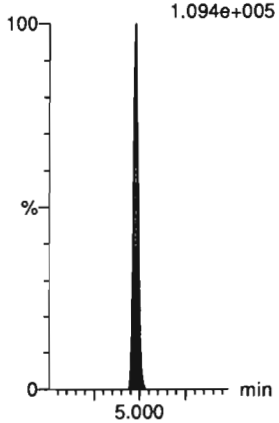
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

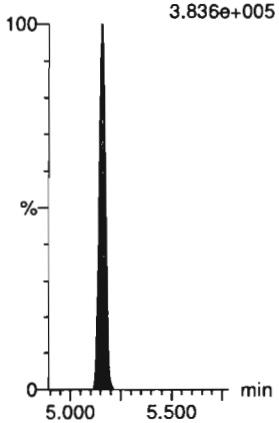
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.241e+004



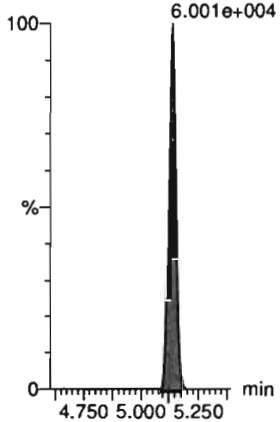
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.094e+005



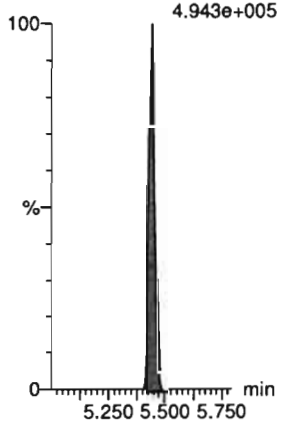
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.836e+005



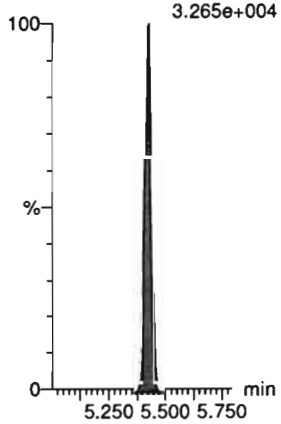
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.001e+004



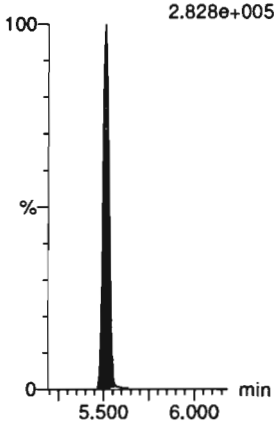
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.943e+005



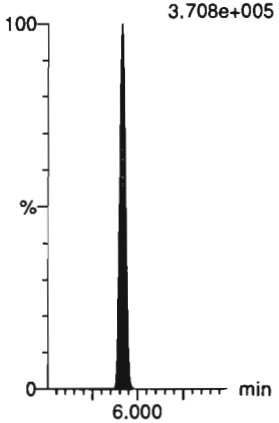
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
3.265e+004



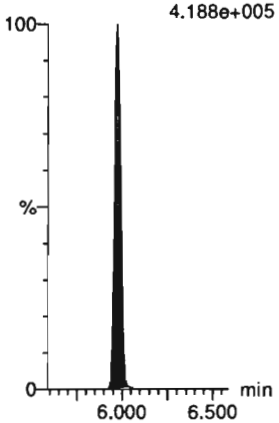
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.828e+005



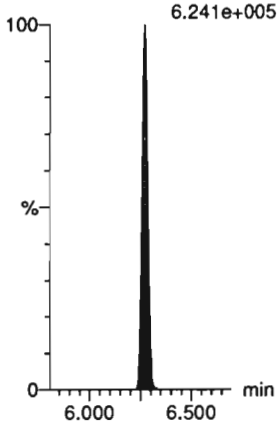
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.708e+005



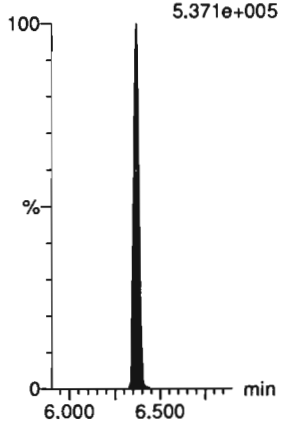
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.188e+005



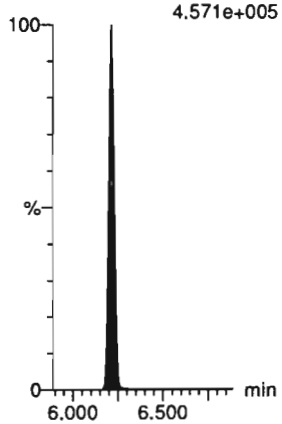
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.241e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.371e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.571e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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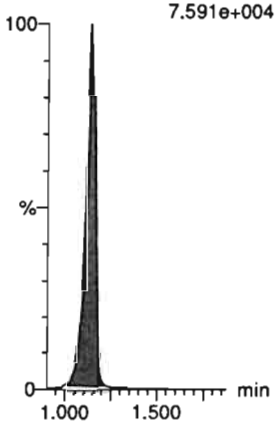
Name: 200612P1-7, Date: 12-Jun-2020, Time: 09:40:22, ID: ST200612P1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

13C4-PFBA



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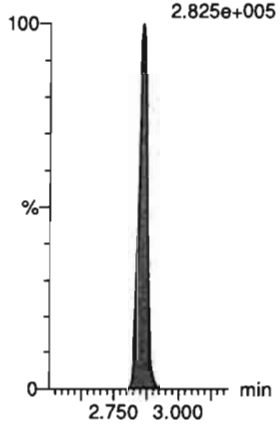
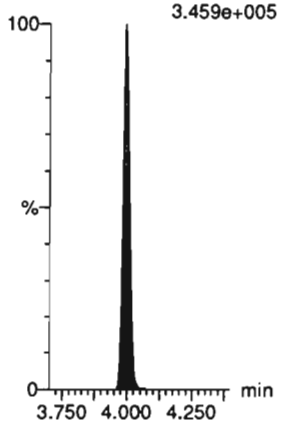
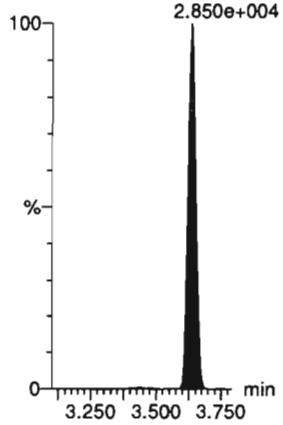


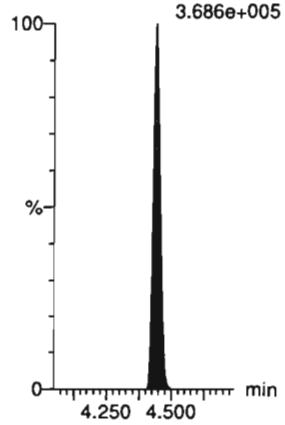
13C8-PFOA



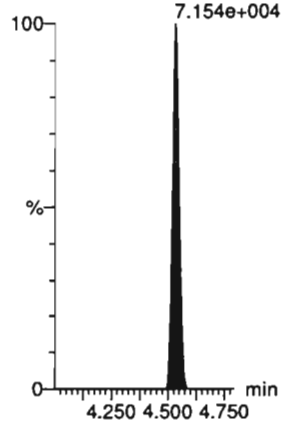
18O2-PFHxS



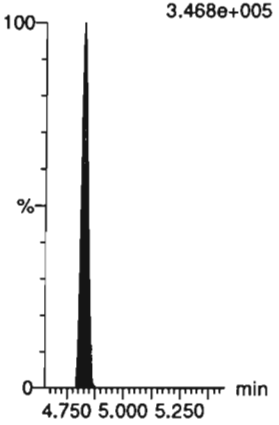
13C9-PFNA



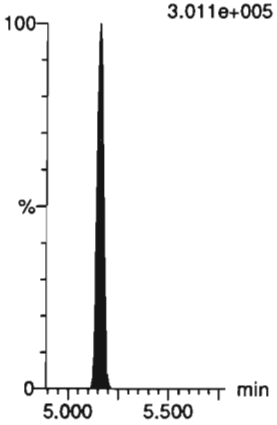
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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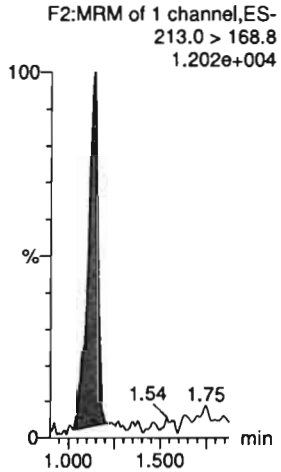
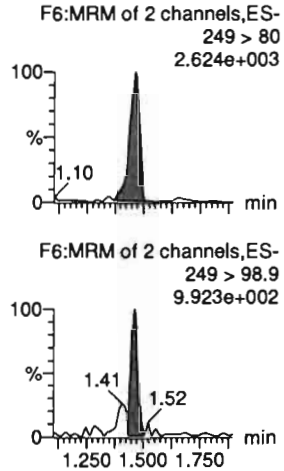
Name: 200612P1-8, Date: 12-Jun-2020, Time: 09:50:53, ID: ST200612P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

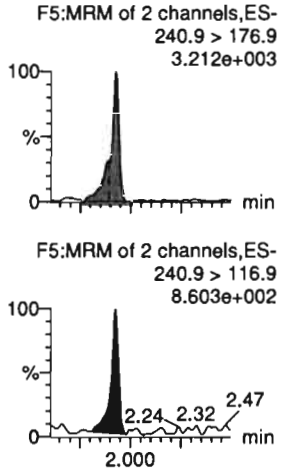
PFBA



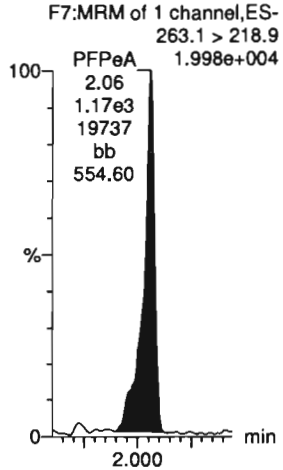
PFPrS



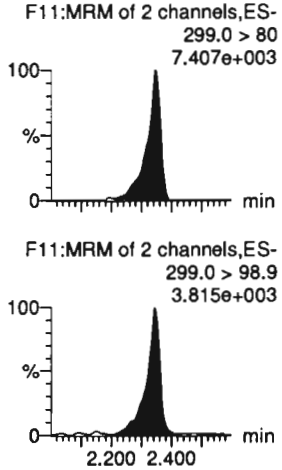
3:3 FTCA



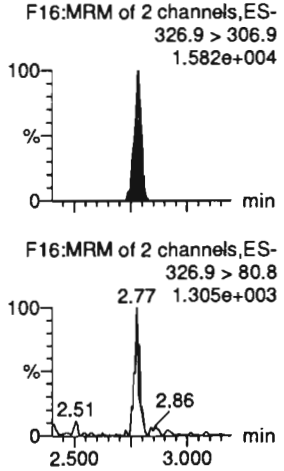
PFPeA



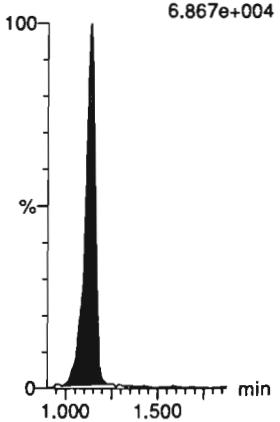
PFBS



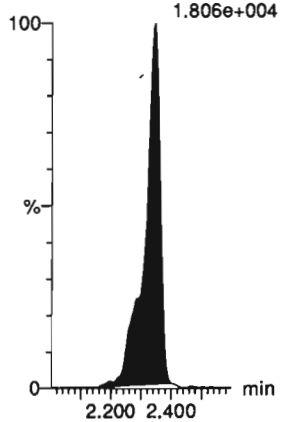
4:2 FTS



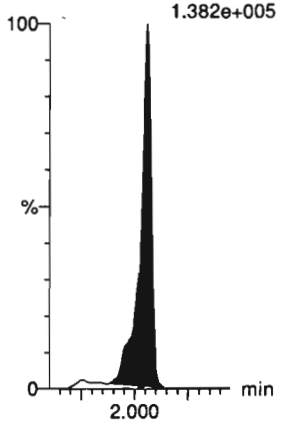
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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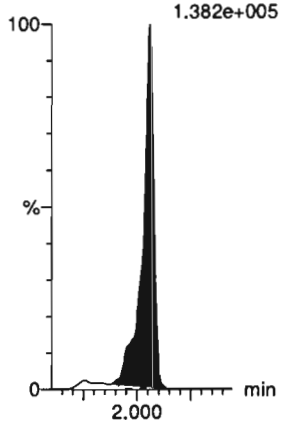

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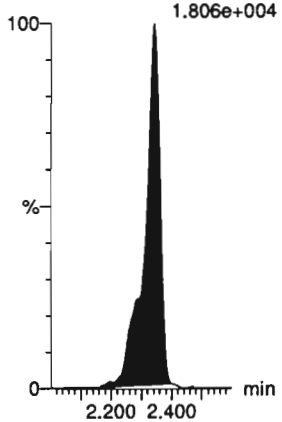
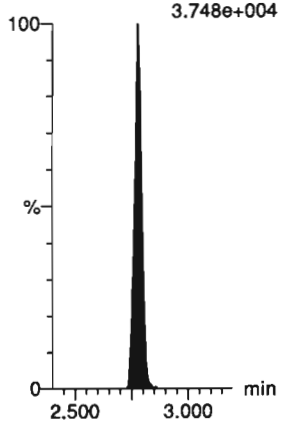


13C2-4:2 FTS-EIS



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Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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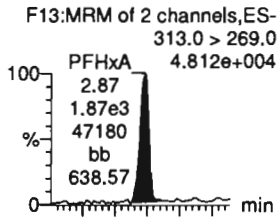
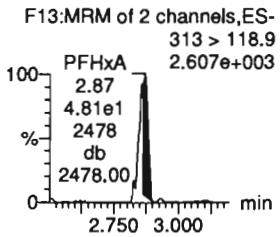
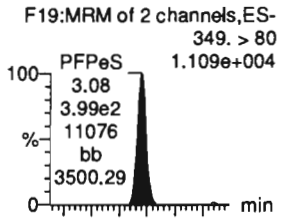
Name: 200612P1-8, Date: 12-Jun-2020, Time: 09:50:53, ID: ST200612P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

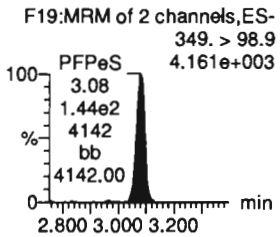
PFHxA



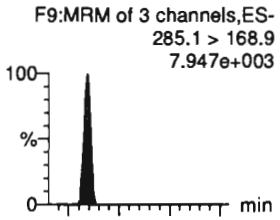


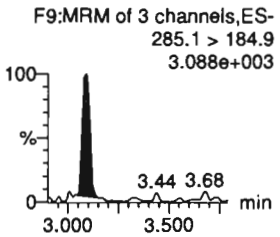
PFPeS



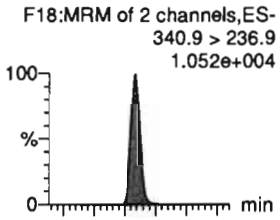


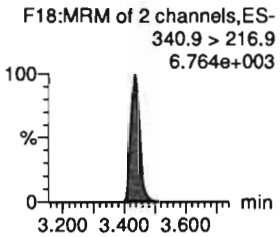
HFPO-DA



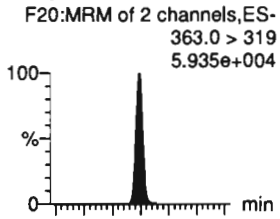


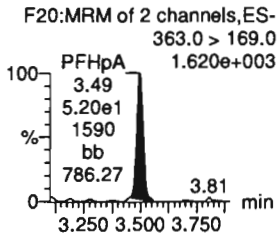
5:3 FTCA





PFHpA





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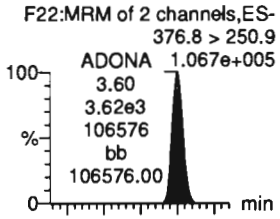
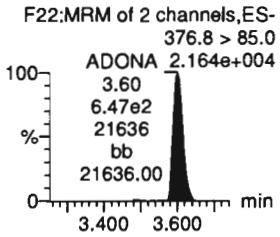
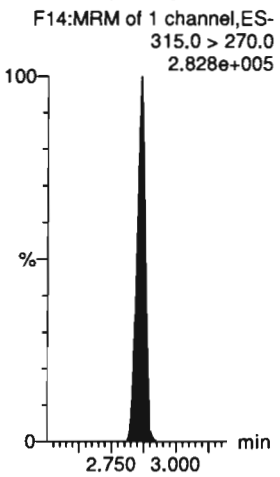
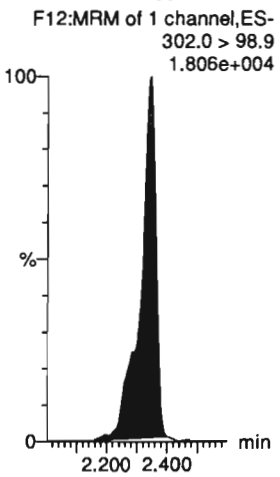




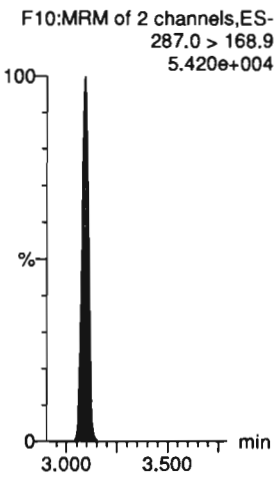
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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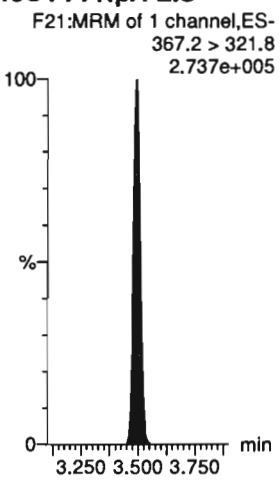

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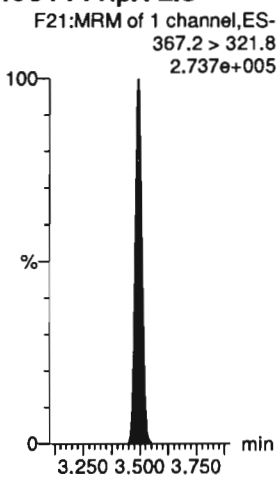

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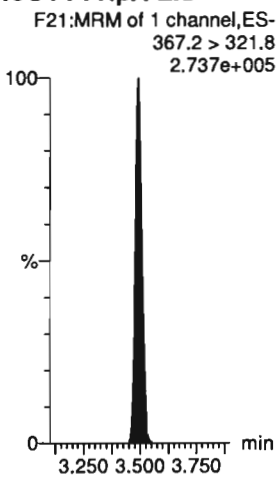
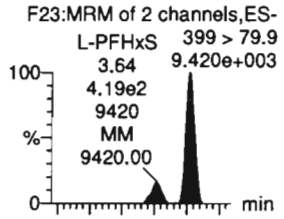


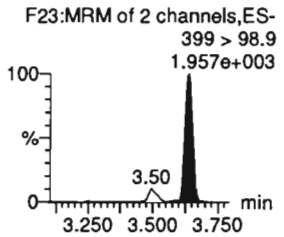
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-8, Date: 12-Jun-2020, Time: 09:50:53, ID: ST200612P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

L-PFHxS





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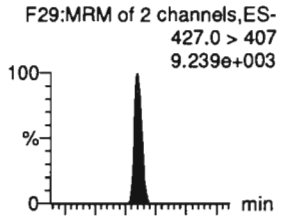

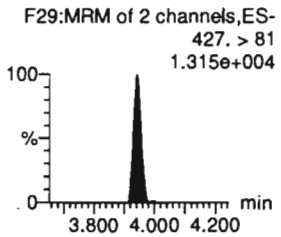

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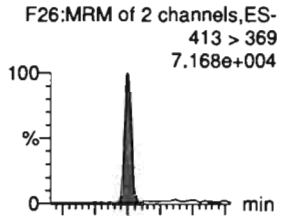

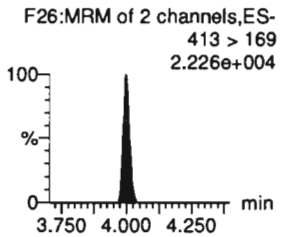

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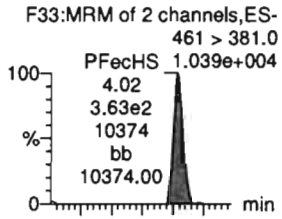

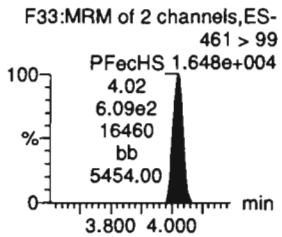

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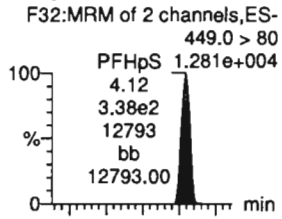
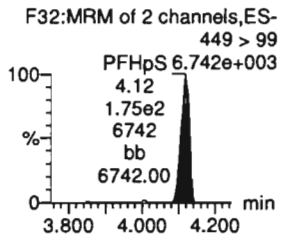
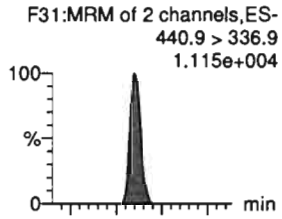
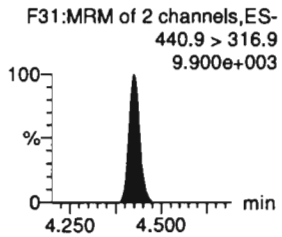


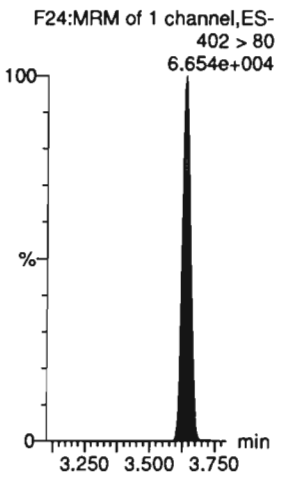


7:3 FTCA

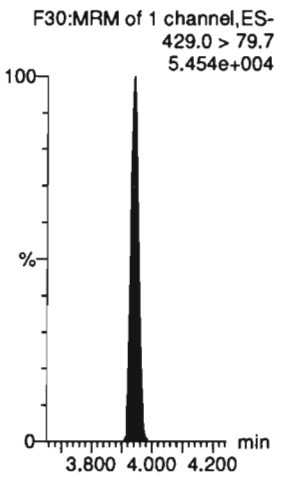




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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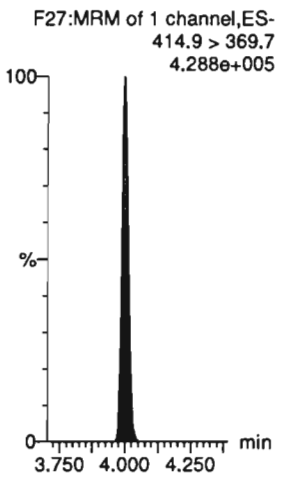

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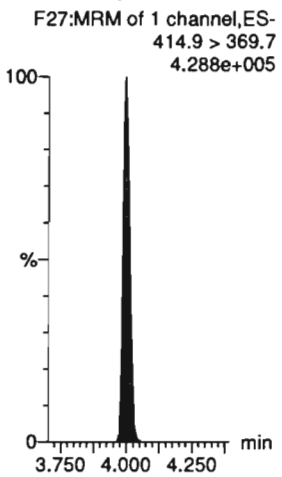
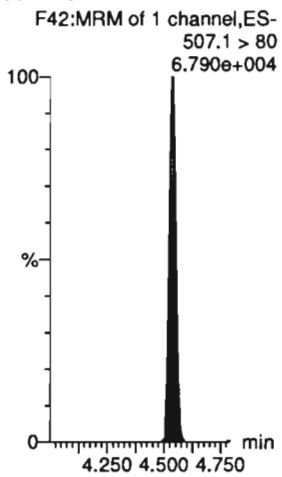
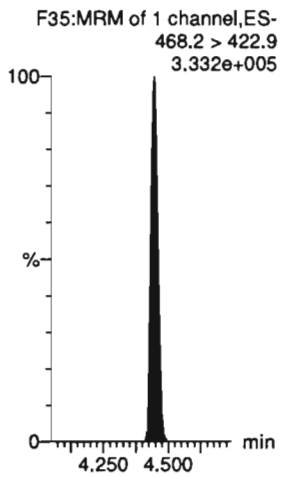


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200612P1-8, Date: 12-Jun-2020, TIme: 09:50:53, ID: ST200612P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

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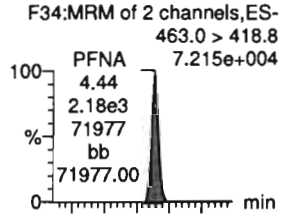

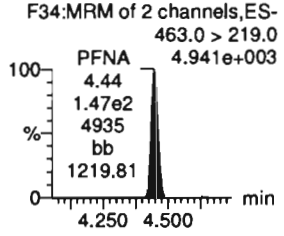

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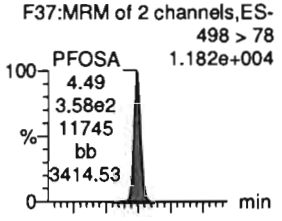
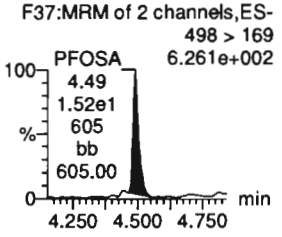
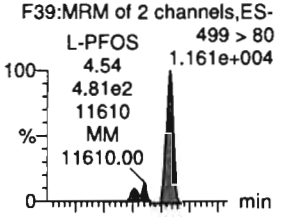
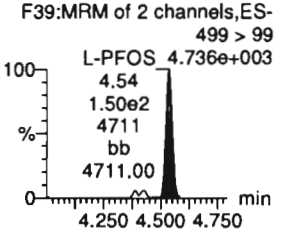




L-PFOS





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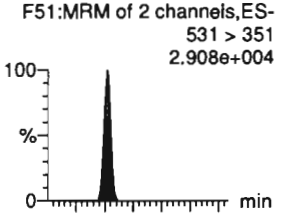

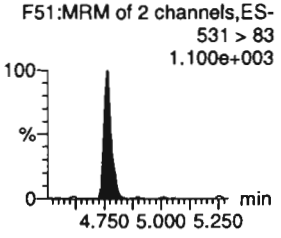

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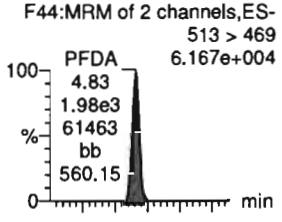

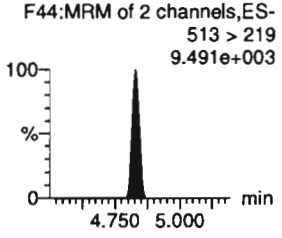

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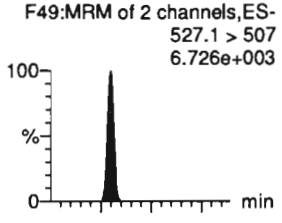

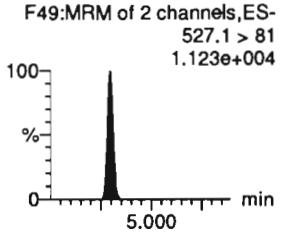

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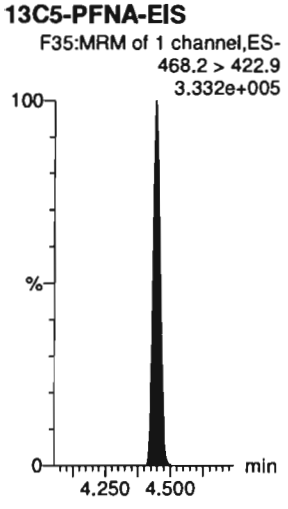

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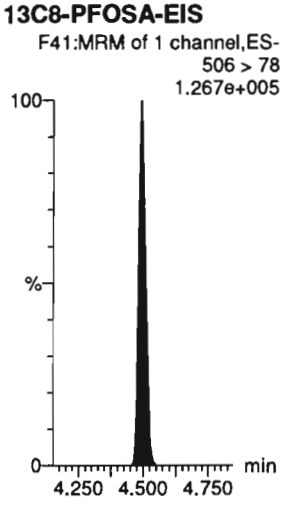

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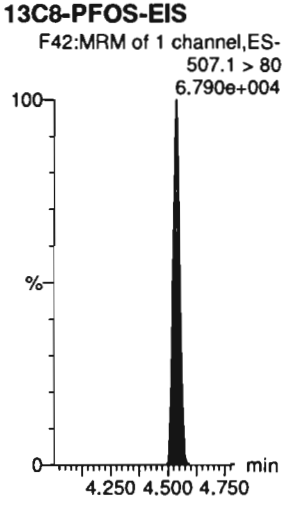

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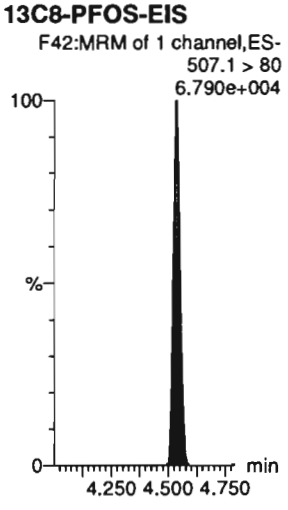
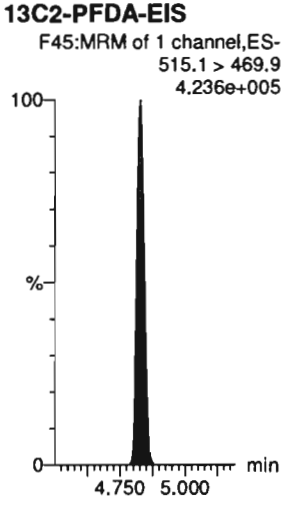


13C2-PFDA-EIS



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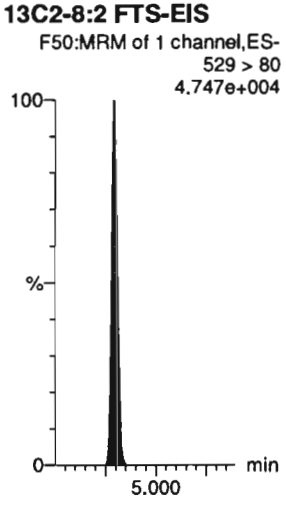

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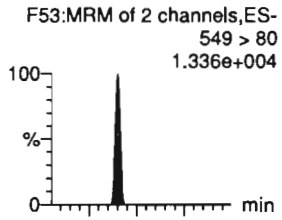

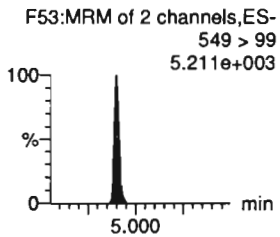

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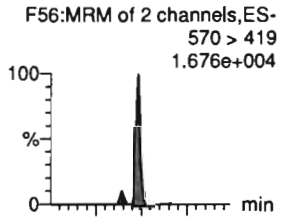
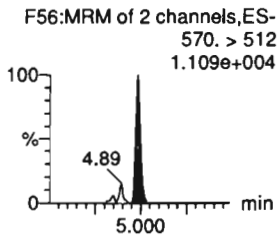
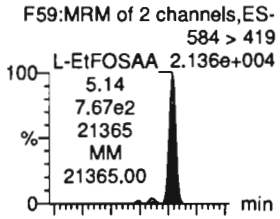
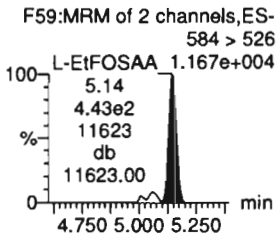




L-EtFOSAA





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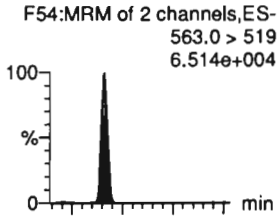

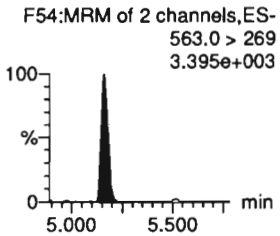

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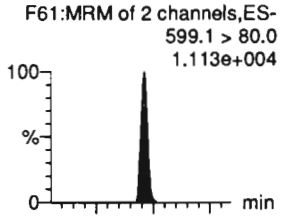

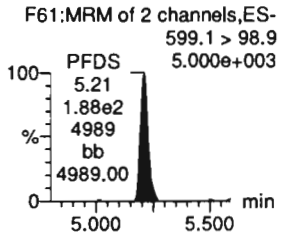

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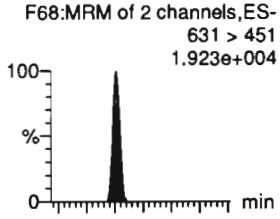

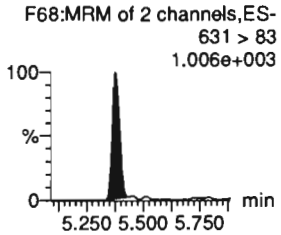

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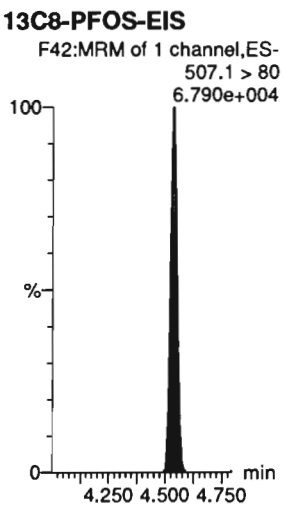
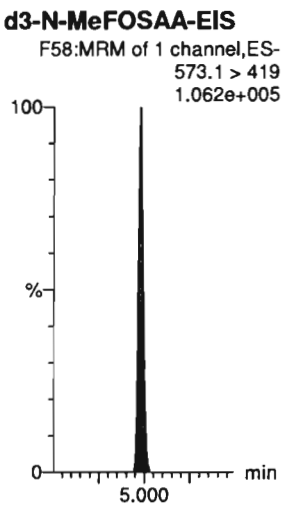
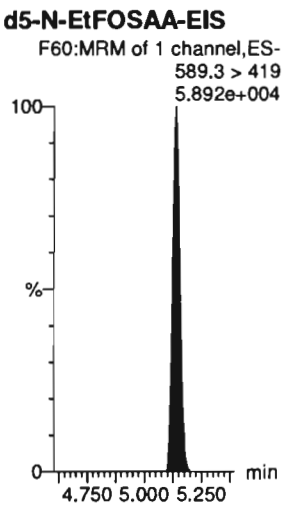


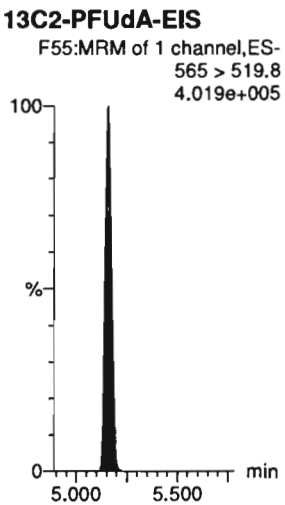
d3-N-MeFOSAA-EIS



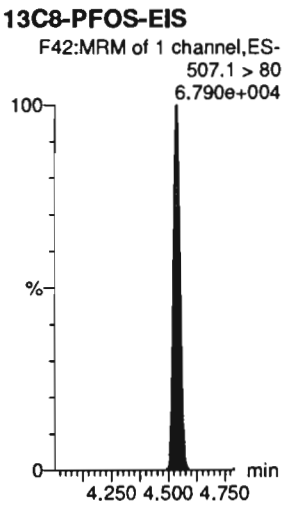
d5-N-EtFOSAA-EIS



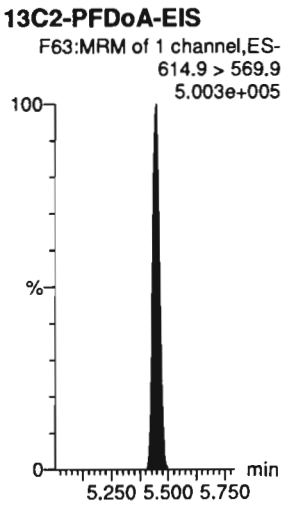
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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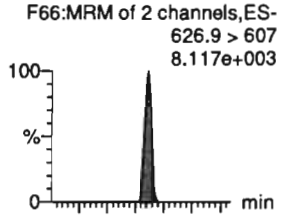
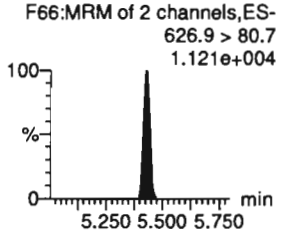
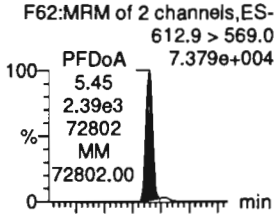
Name: 200612P1-8, Date: 12-Jun-2020, Time: 09:50:53, ID: ST200612P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

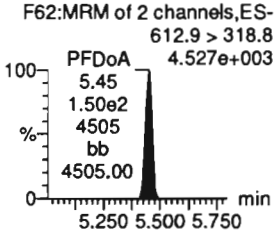
10:2 FTS



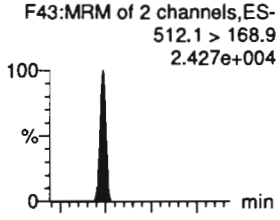


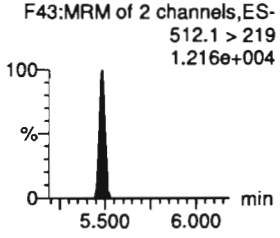
PFDoA





N-MeFOSA





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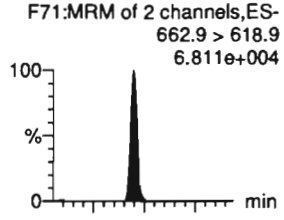
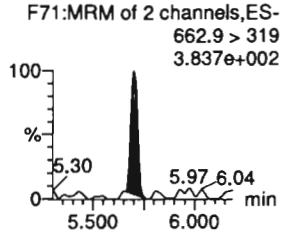
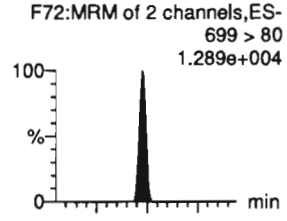
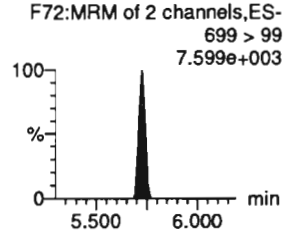


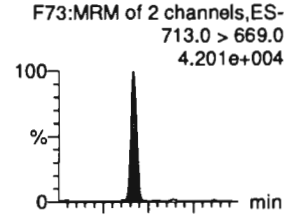


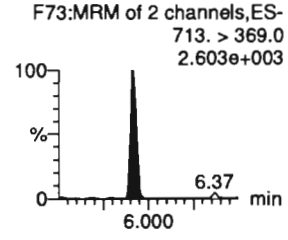
PFDoS



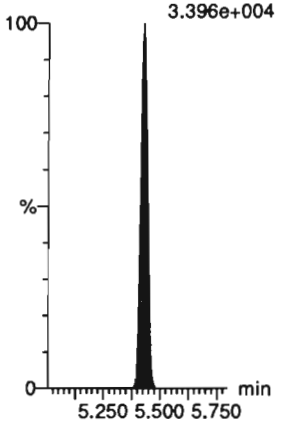


PFTeDA

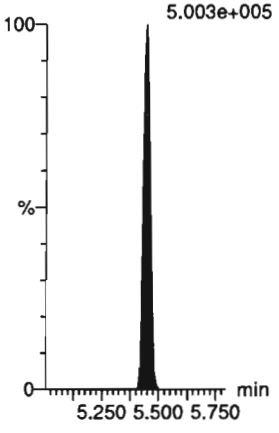




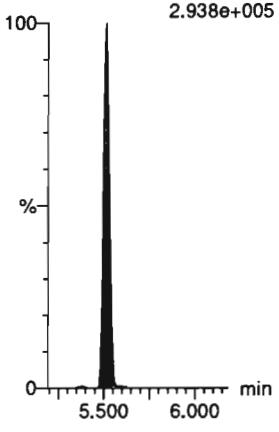
13C2-10:2 FTS-EIS



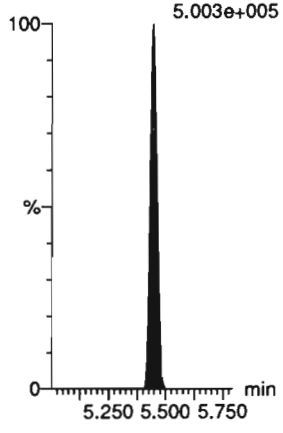
13C2-PFDoA-EIS



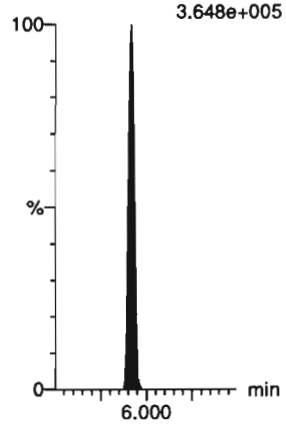
d3-N-MeFOSA-EIS



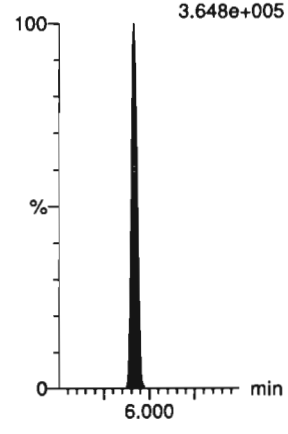
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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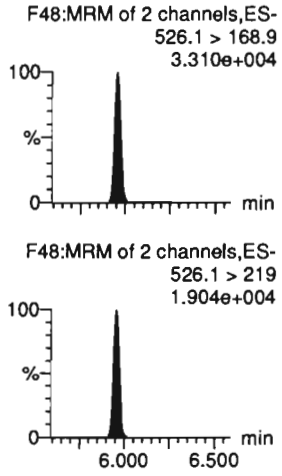
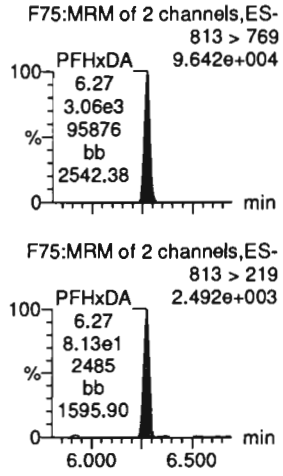
Name: 200612P1-8, Date: 12-Jun-2020, Time: 09:50:53, ID: ST200612P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

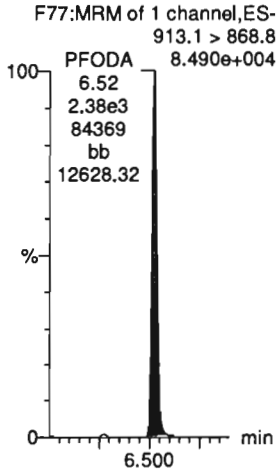
N-EtFOSA



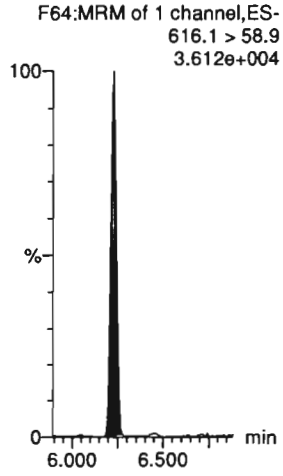
PFHxDA



PFODA



N-MeFOSE



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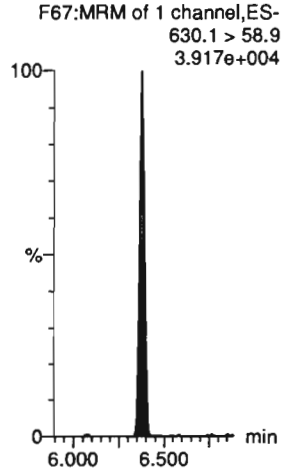
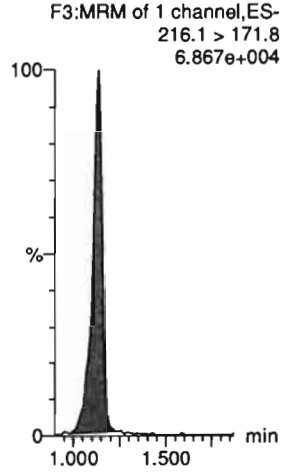
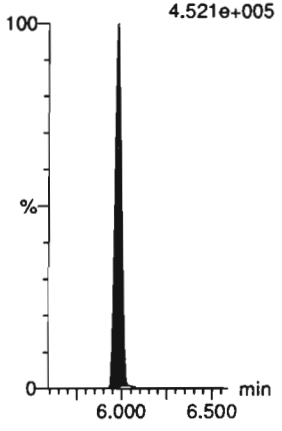


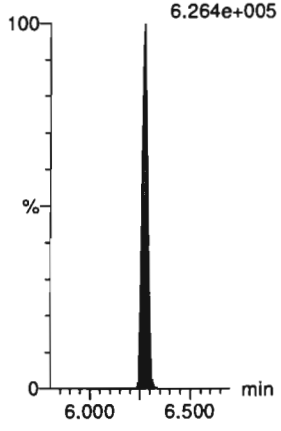
13C3-PFBA-RSD



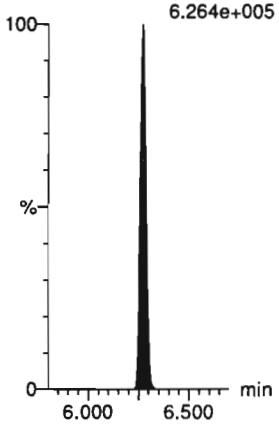
d5-N-ETFOSA-EIS



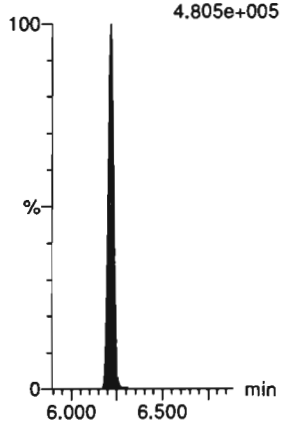
13C2-PFHxDA-EIS



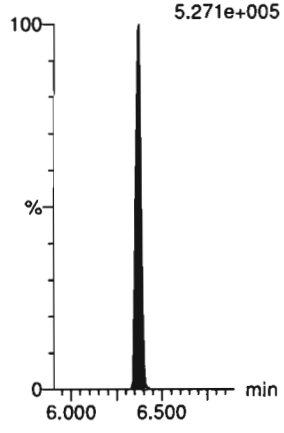
13C2-PFHxDA-EIS



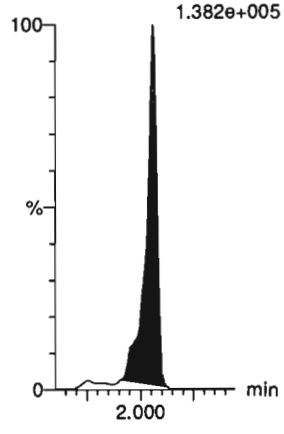
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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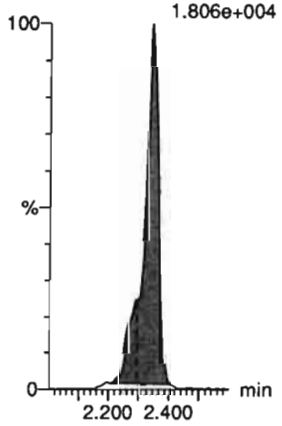
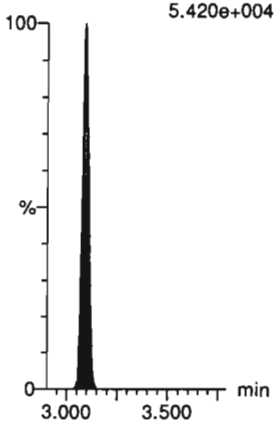
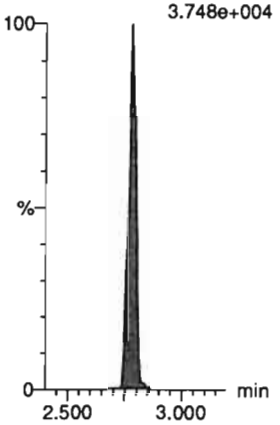
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.806e+004



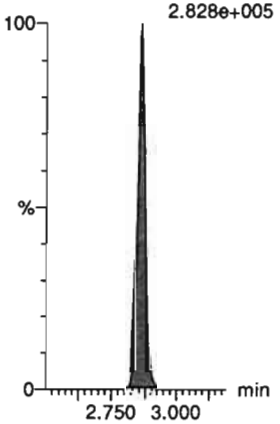
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.420e+004



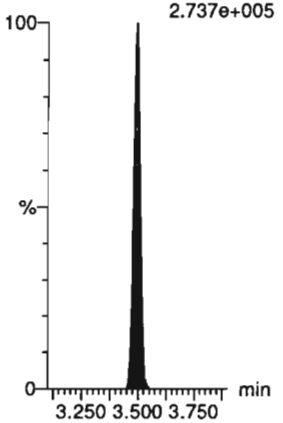
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.748e+004



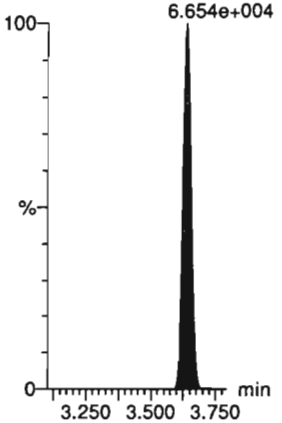
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.828e+005



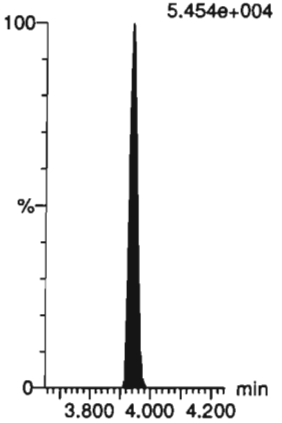
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.737e+005



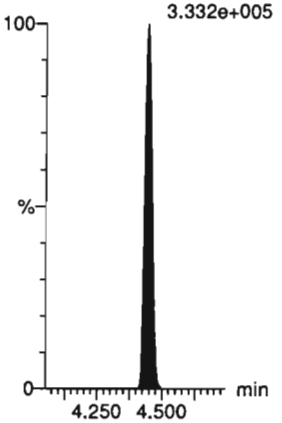
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.654e+004



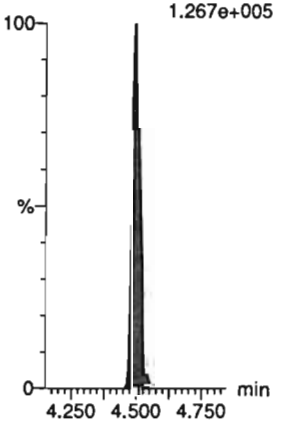
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.454e+004



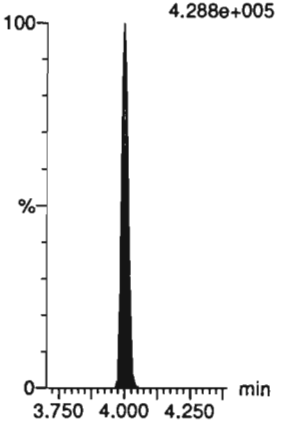
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.332e+005



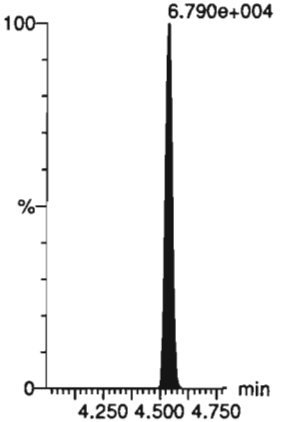
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.267e+005



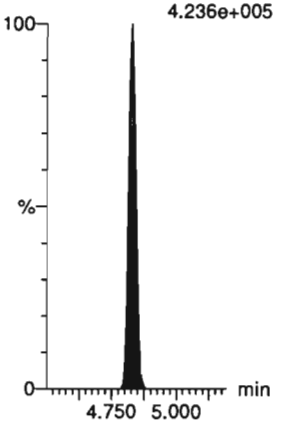
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.288e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.790e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.236e+005



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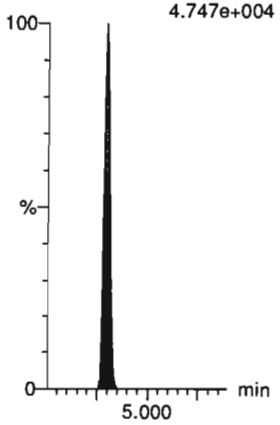
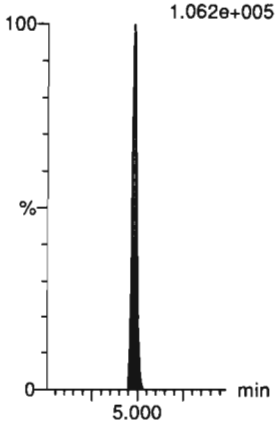
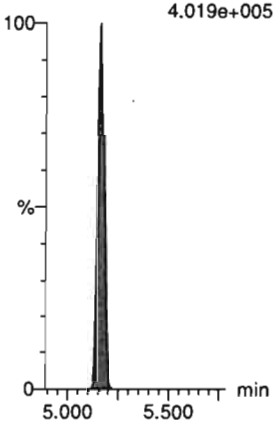
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.747e+004



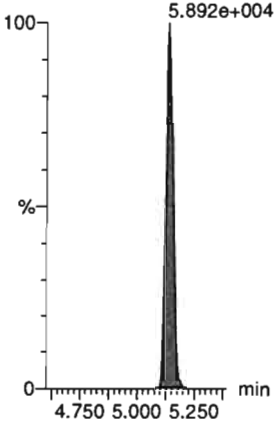
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.062e+005



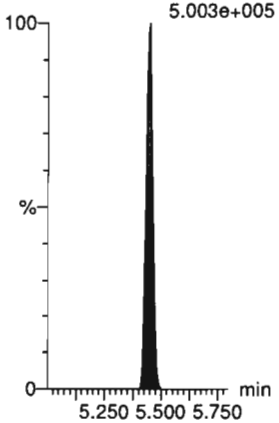
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.019e+005



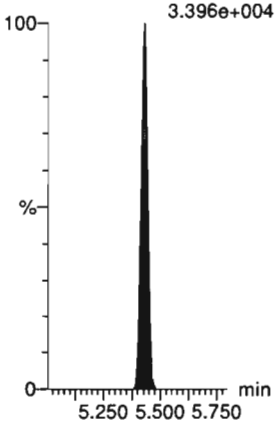
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.892e+004



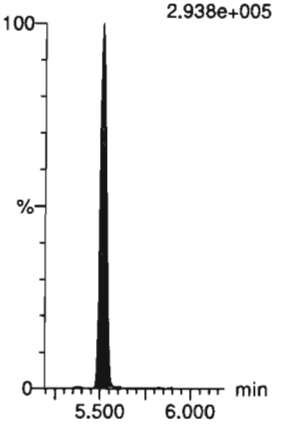
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.003e+005



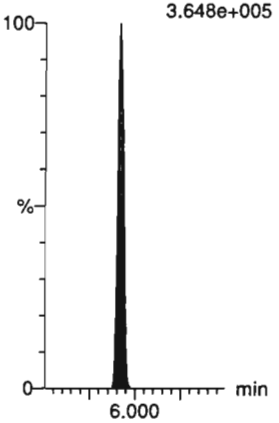
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
3.396e+004



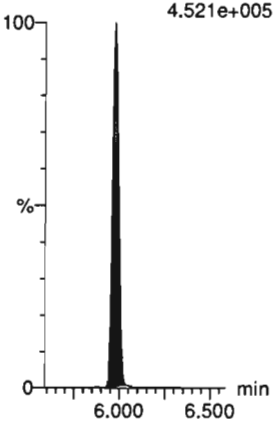
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.938e+005



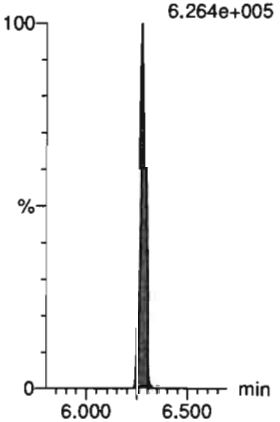
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.648e+005



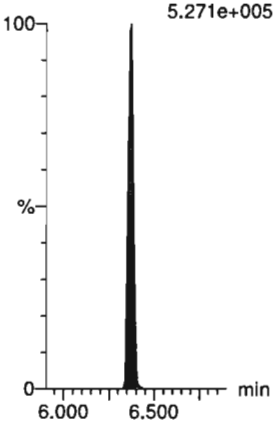
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.521e+005



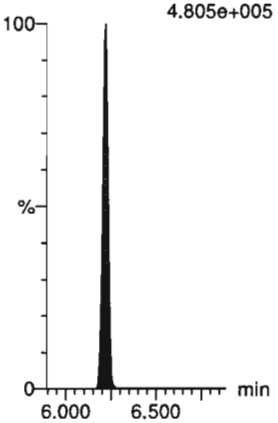
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.264e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.271e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.805e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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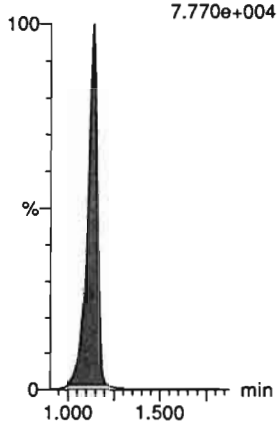
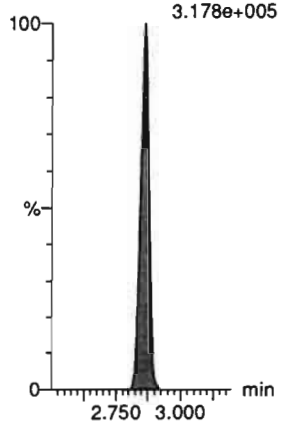
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-8, Date: 12-Jun-2020, Time: 09:50:53, ID: ST200612P1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

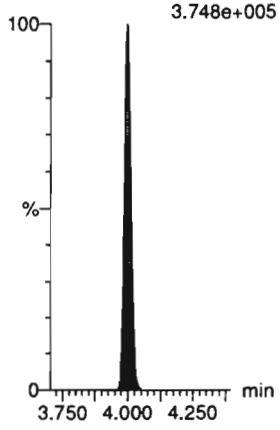
13C4-PFBA



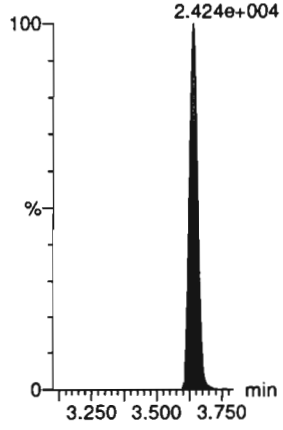
13C5-PFHxA



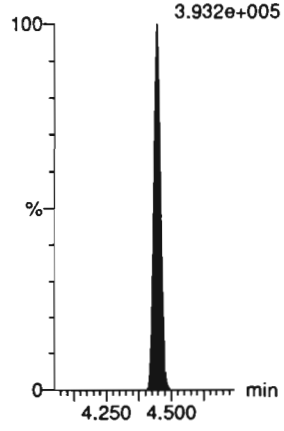
13C8-PFOA



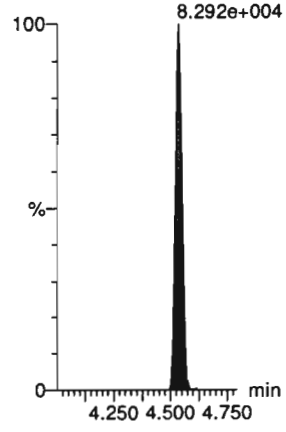
18O2-PFHxS



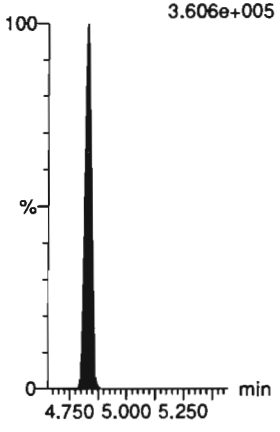
13C9-PFNA



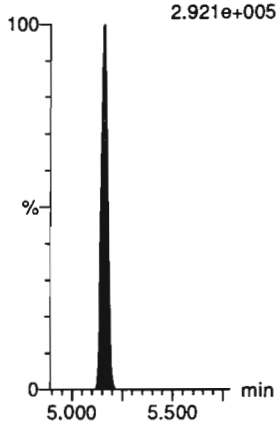
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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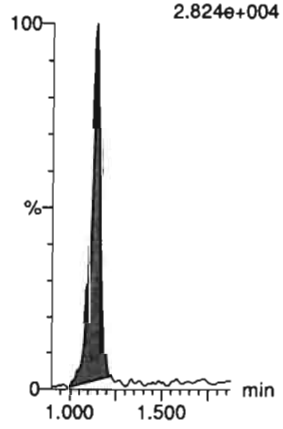
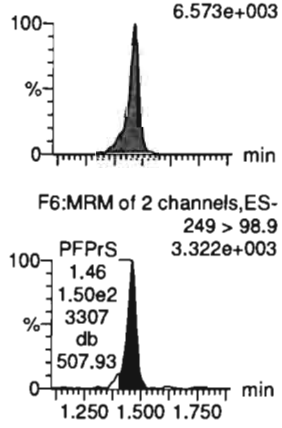
Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

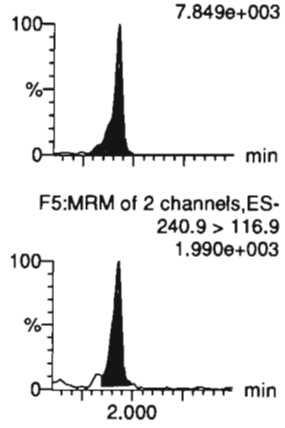
PFBA



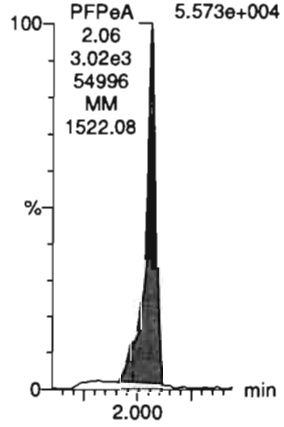
PFPrS



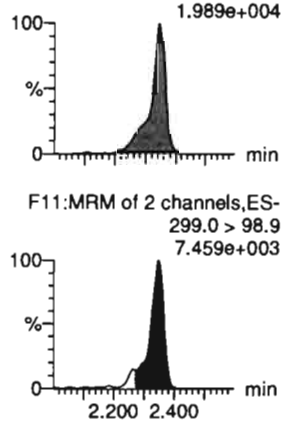
3:3 FTCA



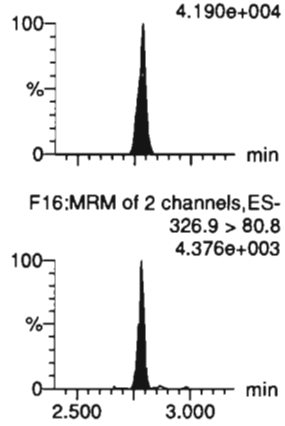
PFPeA



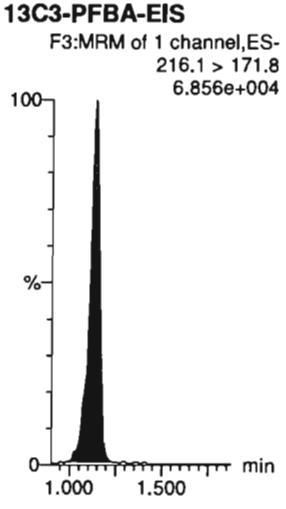
PFBS



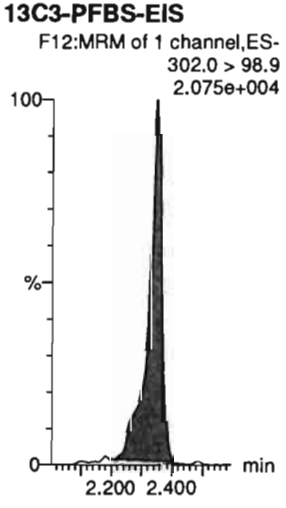
4:2 FTS



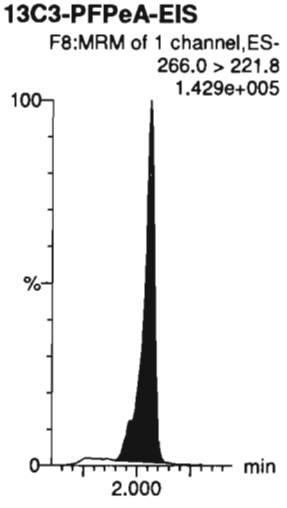
13C3-PFBA-EIS



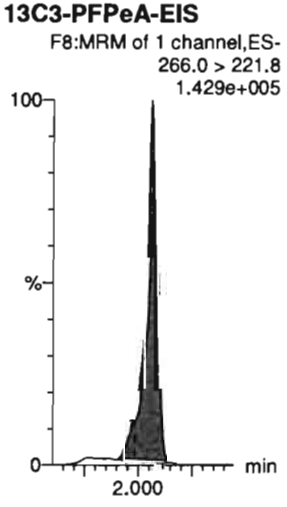
13C3-PFBS-EIS



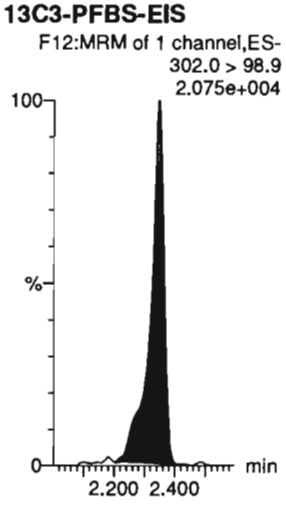
13C3-PFPeA-EIS



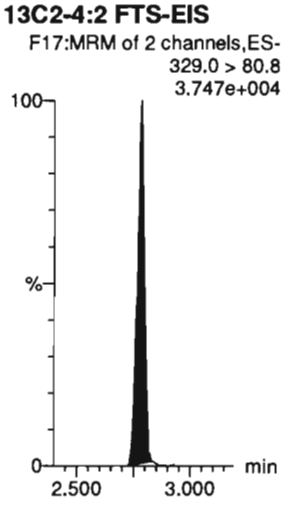
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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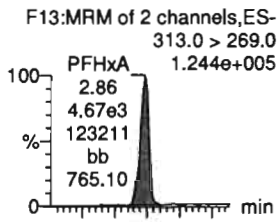
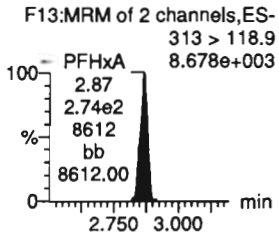
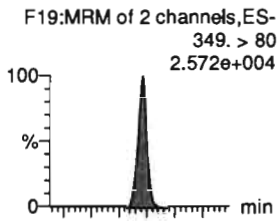
Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

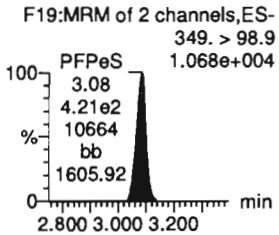
PFHxA



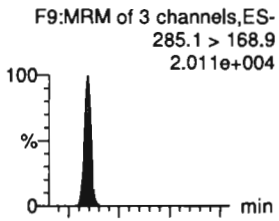


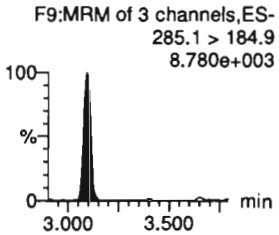
PFPeS



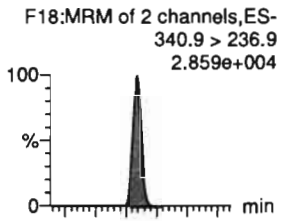


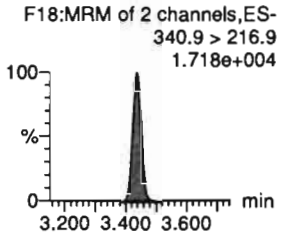
HFPO-DA



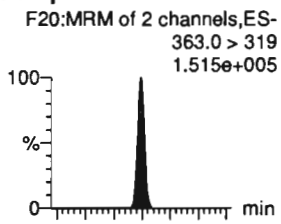


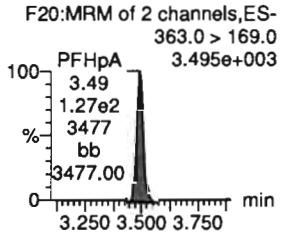
5:3 FTCA



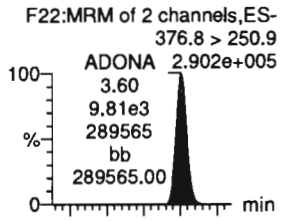


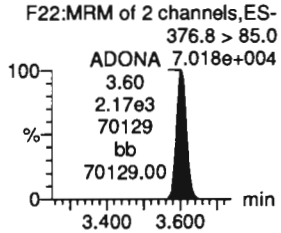
PFHpA



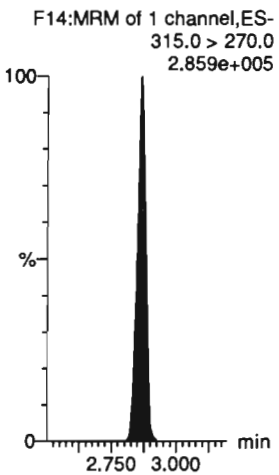


ADONA

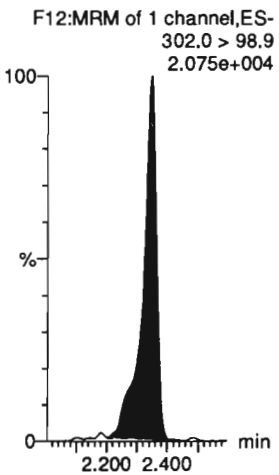




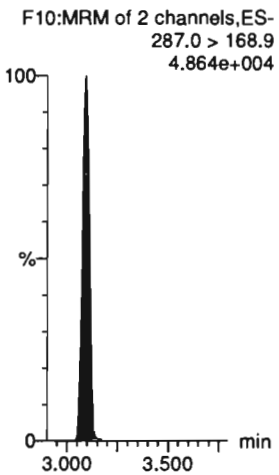
13C2-PFHxA-EIS



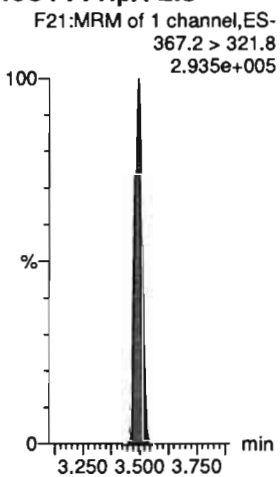
13C3-PFBS-EIS



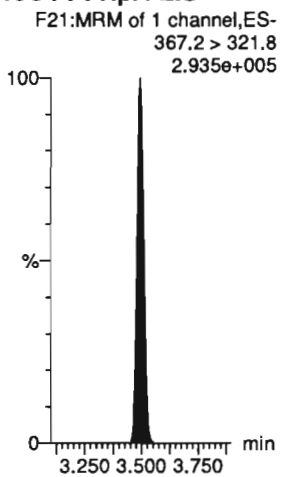
13C3-HFPO-DA-EIS



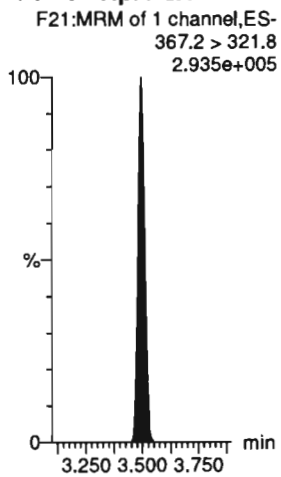
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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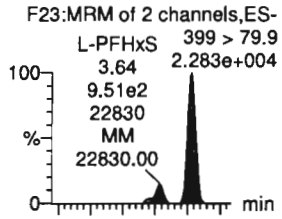
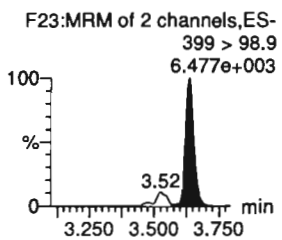
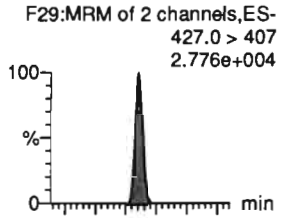
Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

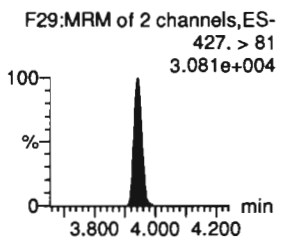
L-PFHxS





6:2 FTS





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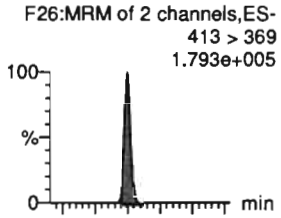

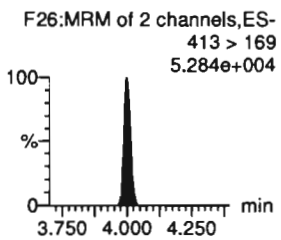

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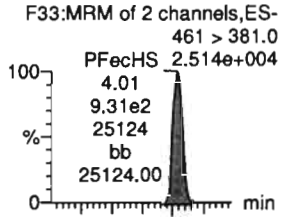

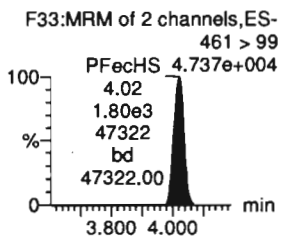

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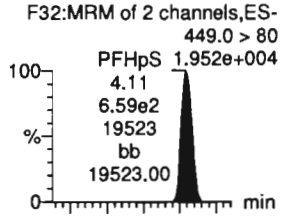
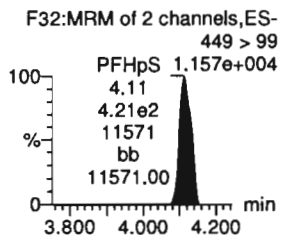
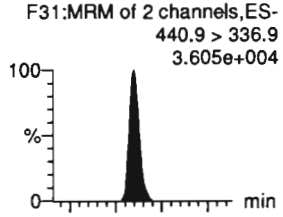
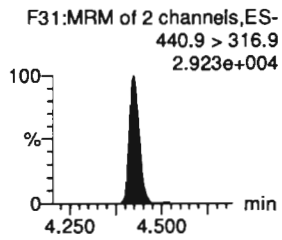


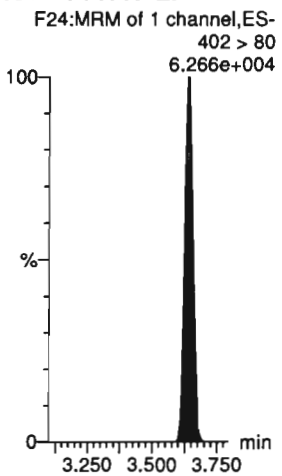


7:3 FTCA

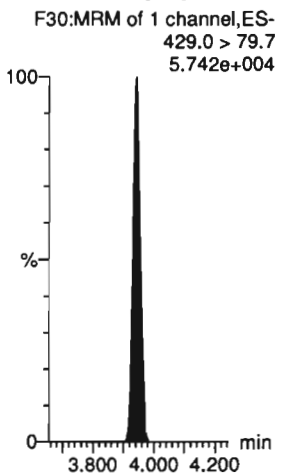




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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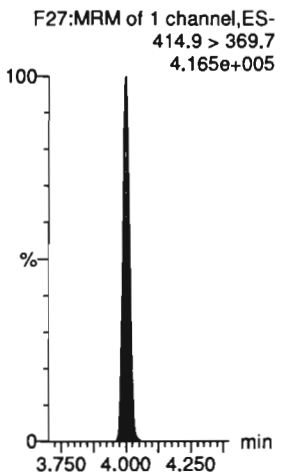

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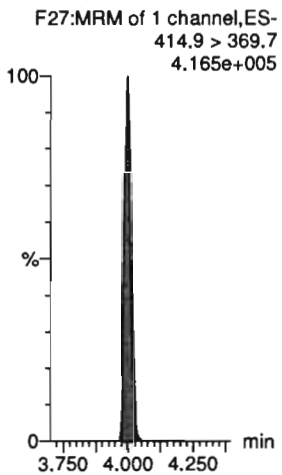
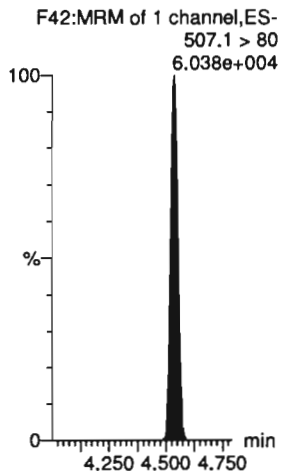
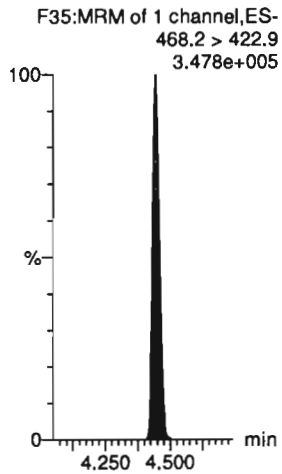


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

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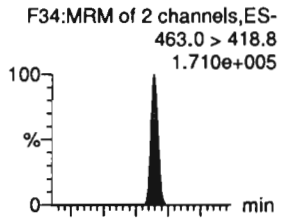

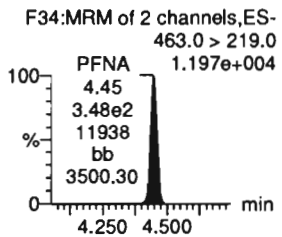

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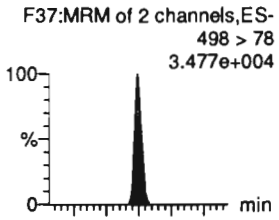

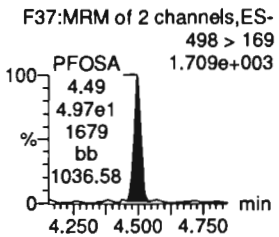

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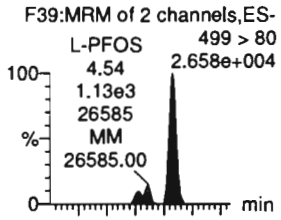

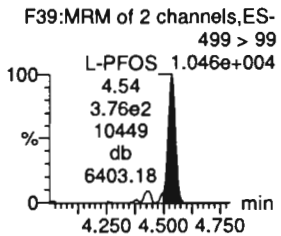

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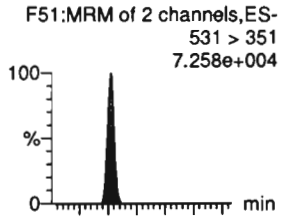

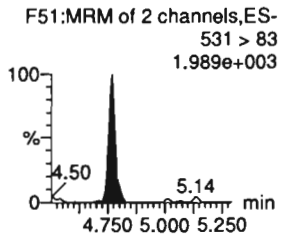

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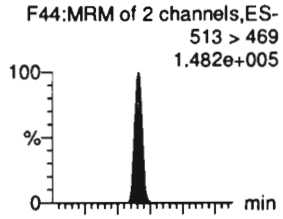
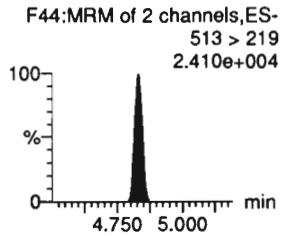
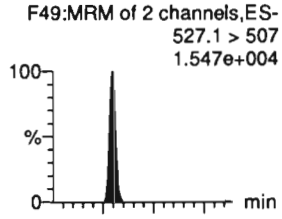
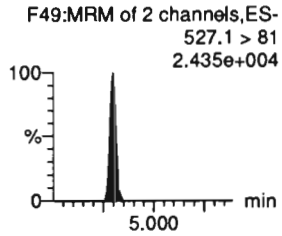


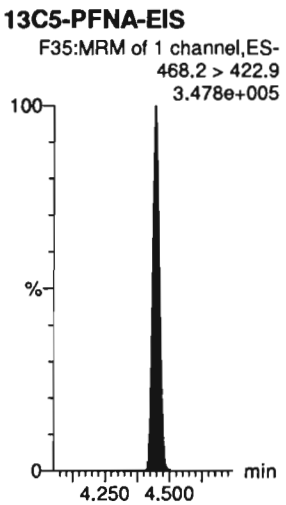


8:2 FTS

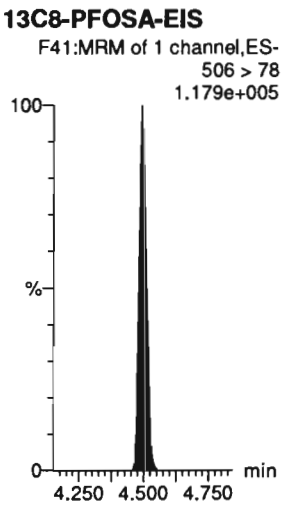




13C5-PFNA-EIS



13C8-PFOSA-EIS



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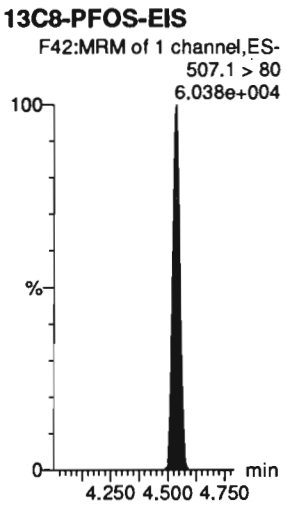

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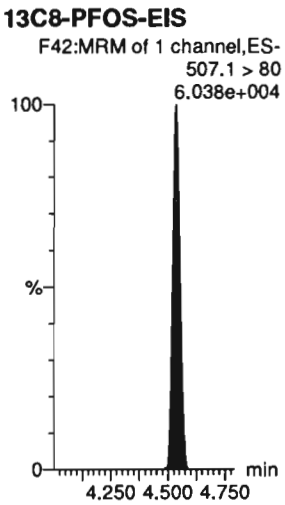
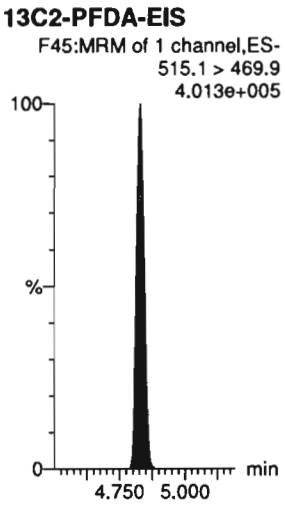
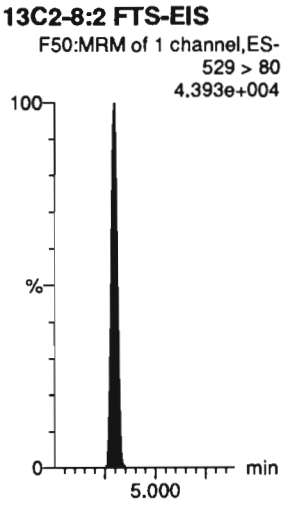


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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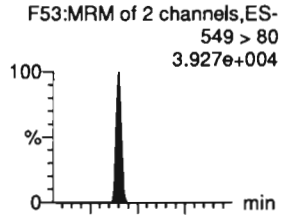
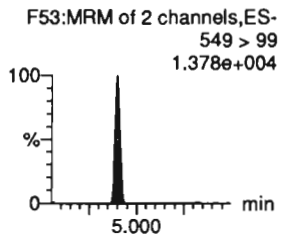
PFNS





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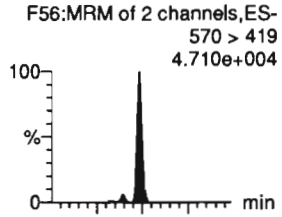

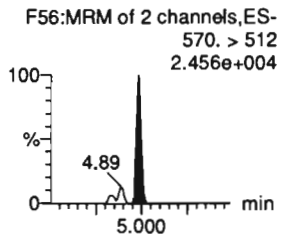

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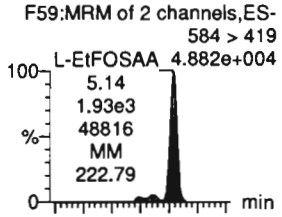
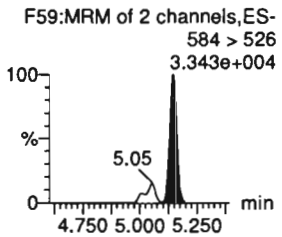
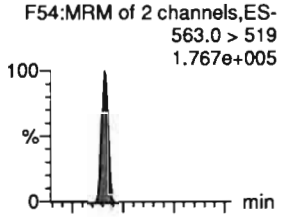
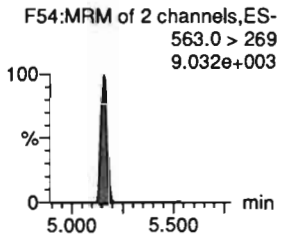




PFUdA





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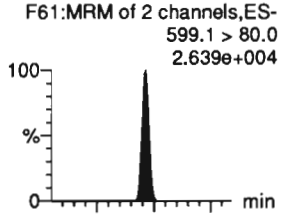

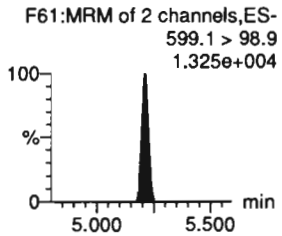

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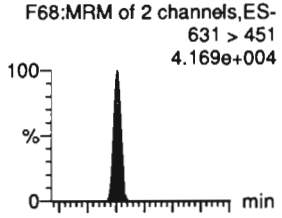
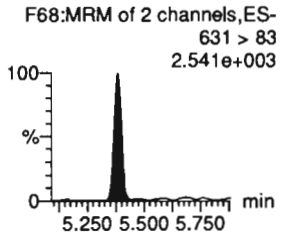
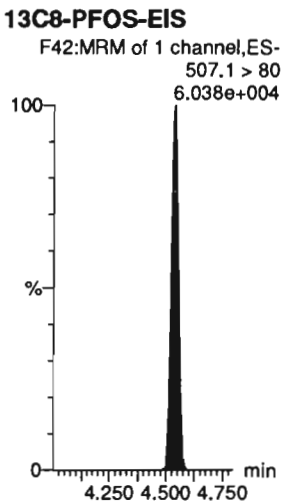




13C8-PFOS-EIS



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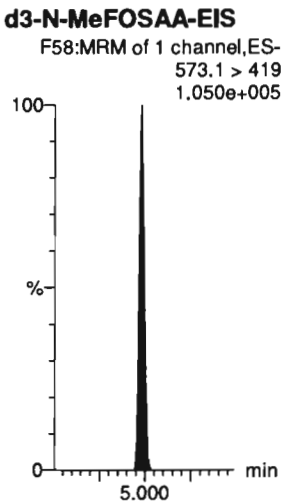

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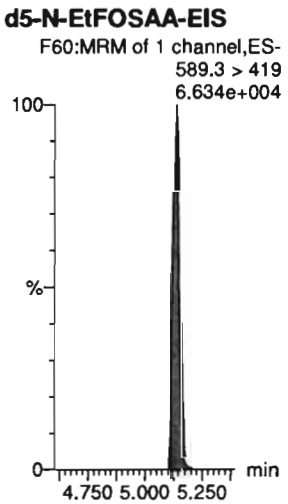

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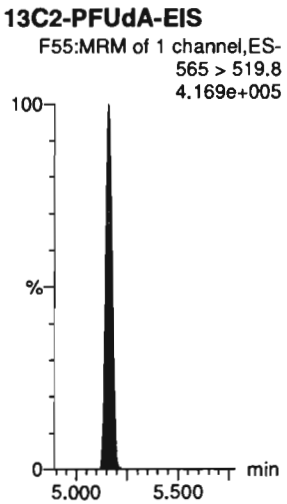

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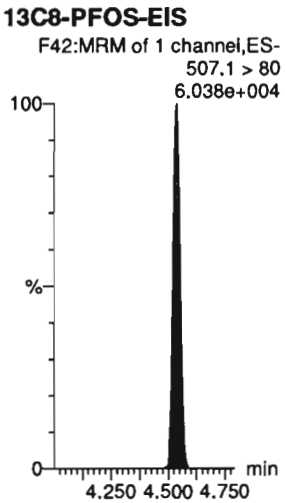

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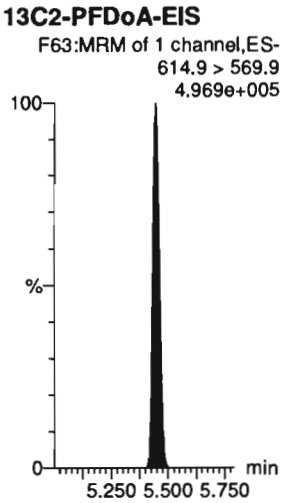

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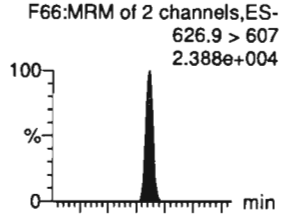
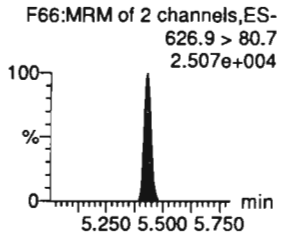
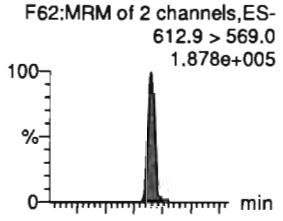
Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

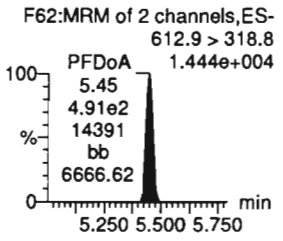
10:2 FTS



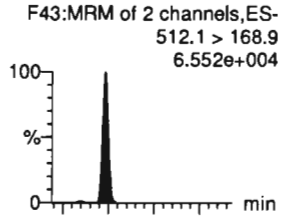


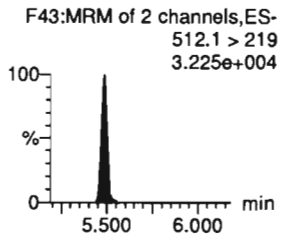
PFDoA





N-MeFOSA





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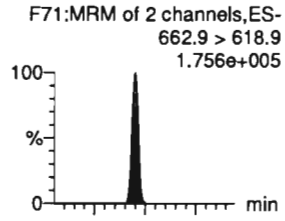
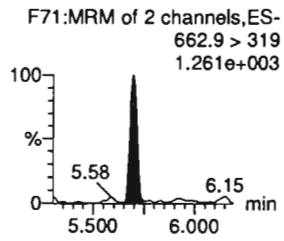
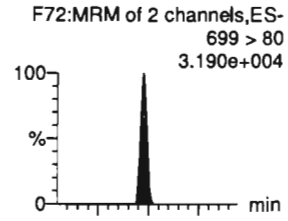
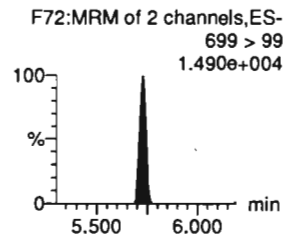




PFDoS





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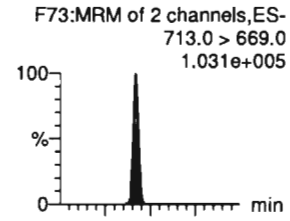
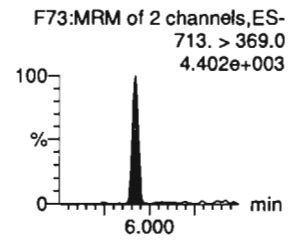
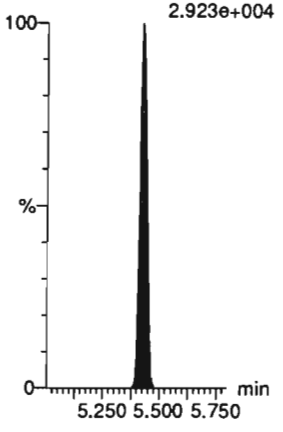
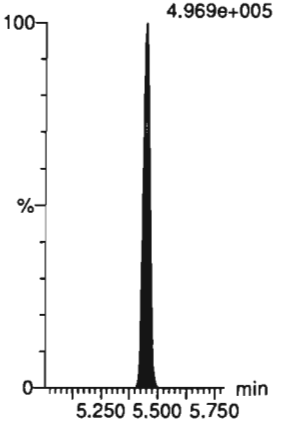




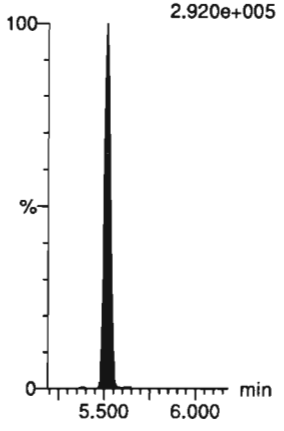
13C2-10:2 FTS-EIS



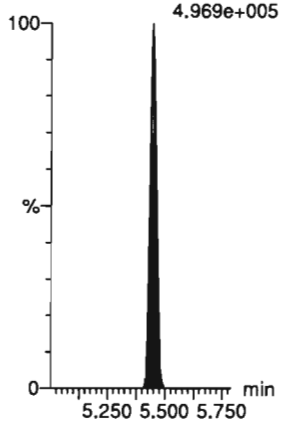
13C2-PFDoA-EIS



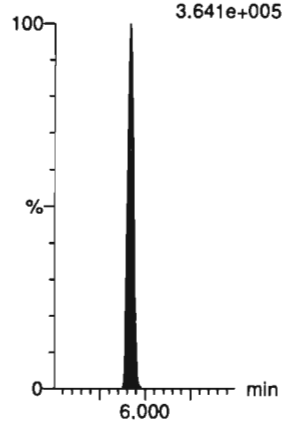
d3-N-MeFOSA-EIS



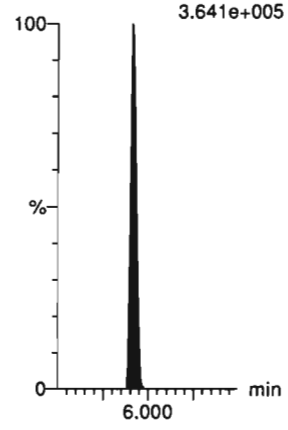
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

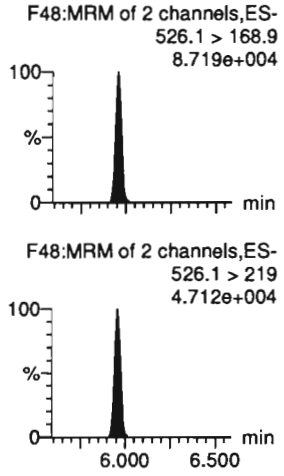


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

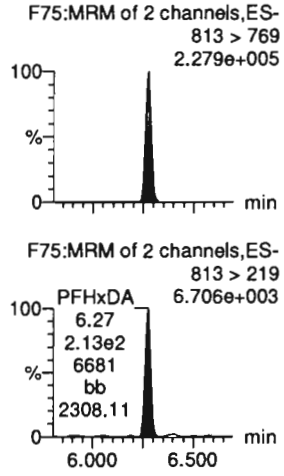
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

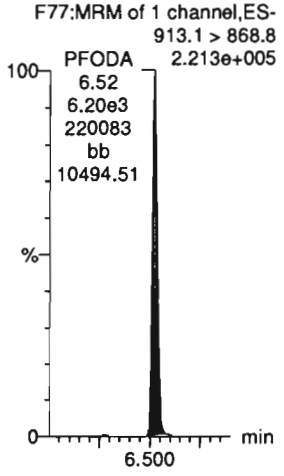
N-EtFOSA



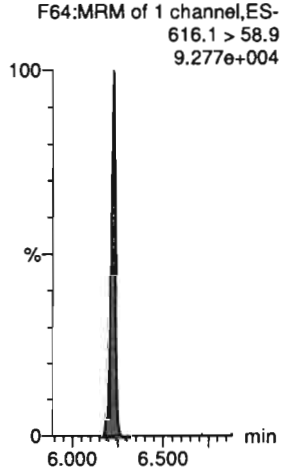
PFHxDA



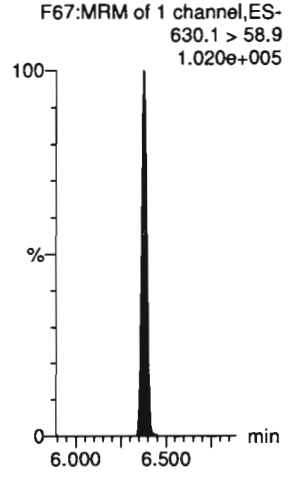
PFODA



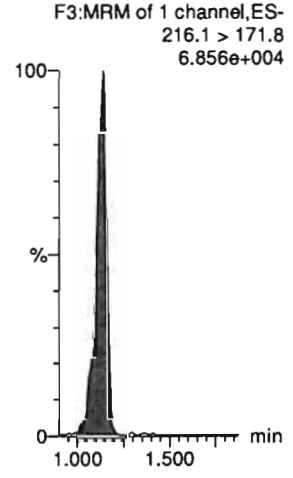
N-MeFOSE



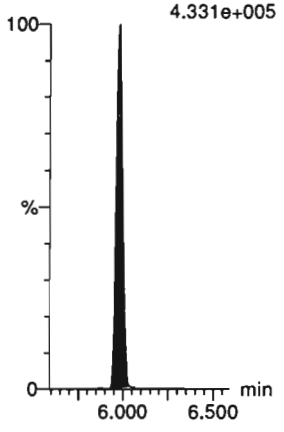
N-EtFOSE



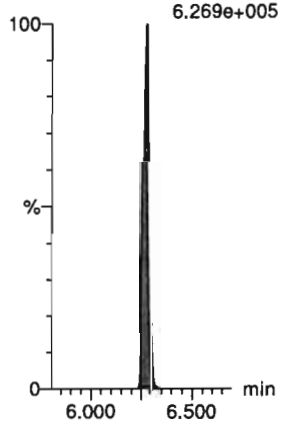
13C3-PFBA-RSD



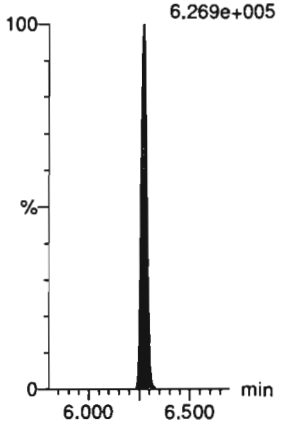
d5-N-ETFOSA-EIS



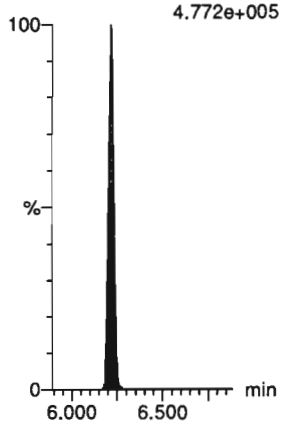
13C2-PFHxDA-EIS



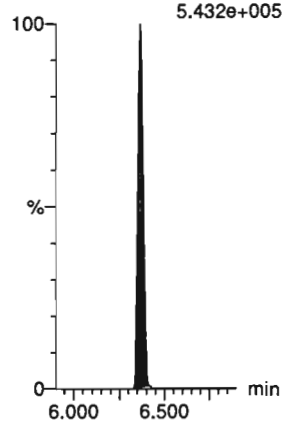
13C2-PFHxDA-EIS



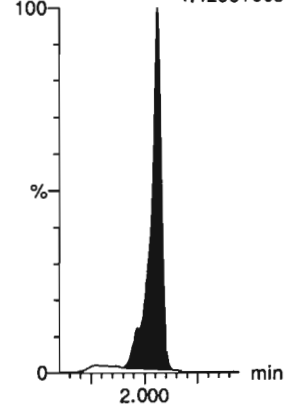
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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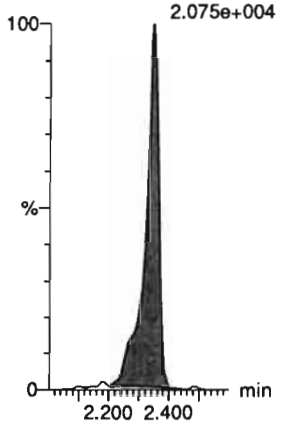
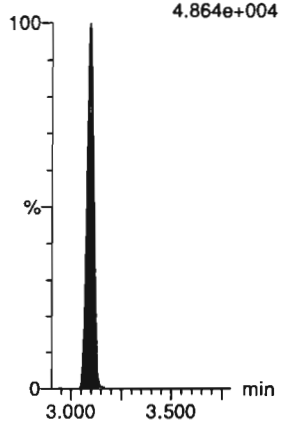
Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

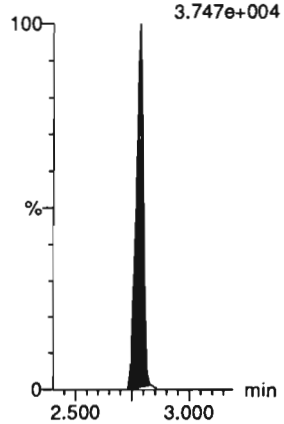
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.075e+004



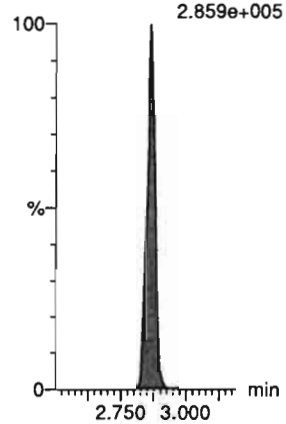
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.864e+004



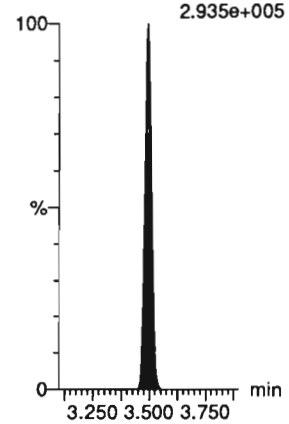
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.747e+004



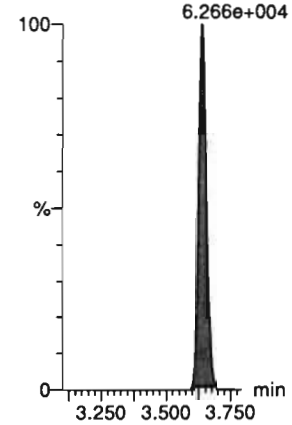
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.859e+005



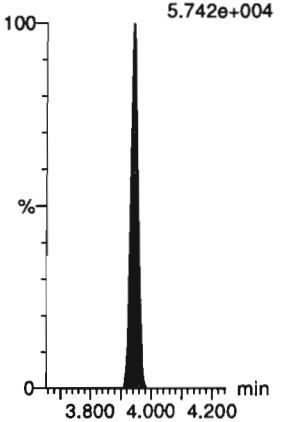
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.935e+005



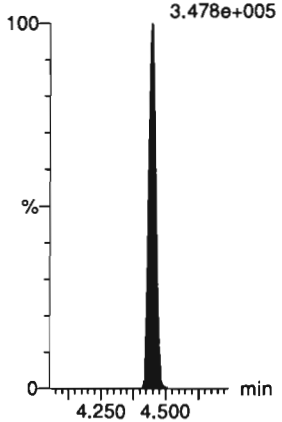
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.266e+004



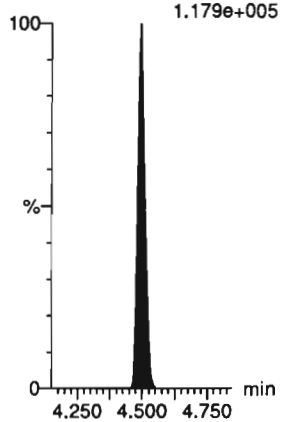
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.742e+004



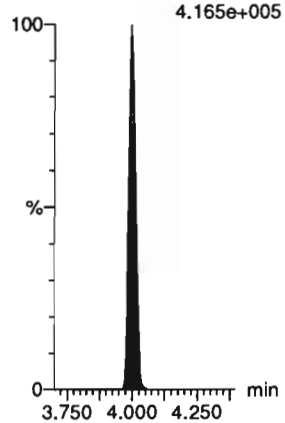
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.478e+005



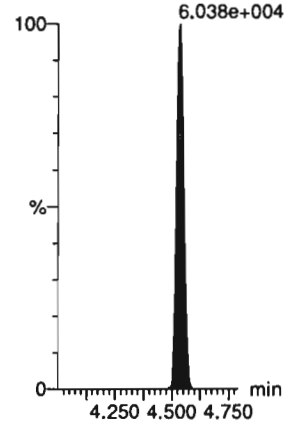
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.179e+005



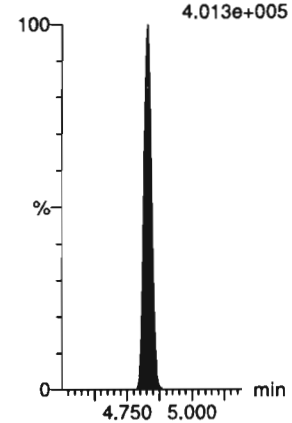
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.165e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.038e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.013e+005



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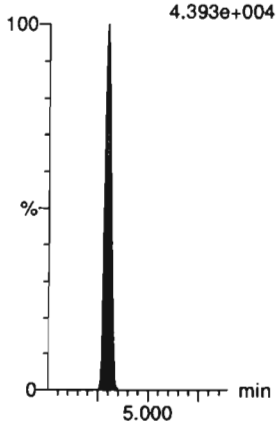
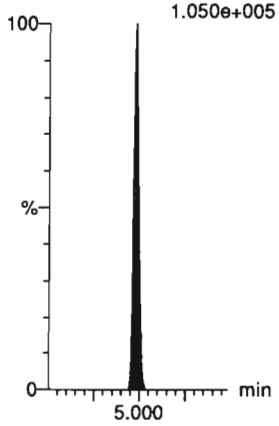
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

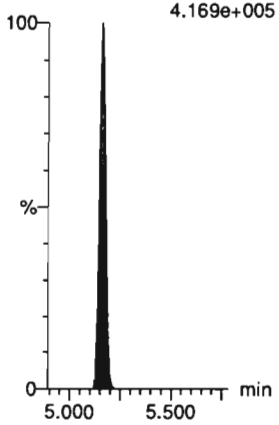
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.393e+004



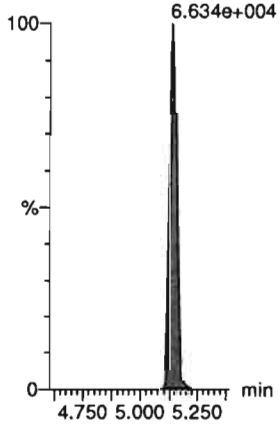
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.050e+005



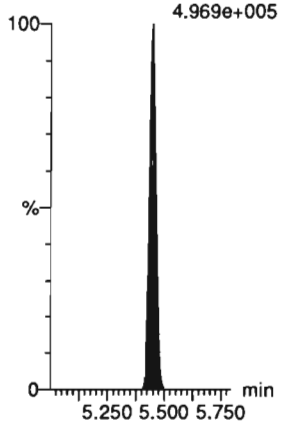
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.169e+005



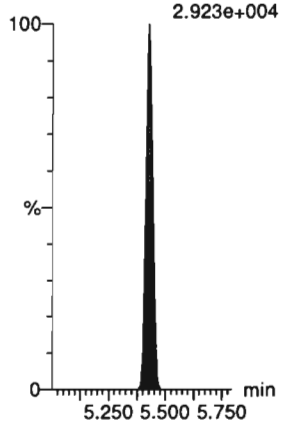
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.634e+004



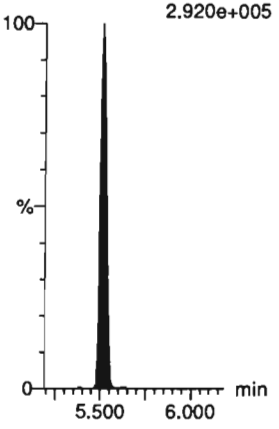
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.969e+005



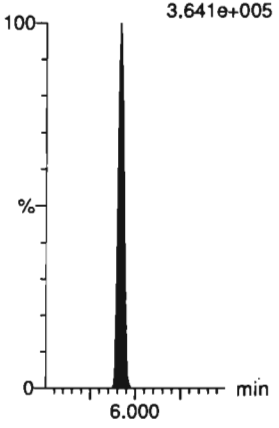
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.923e+004



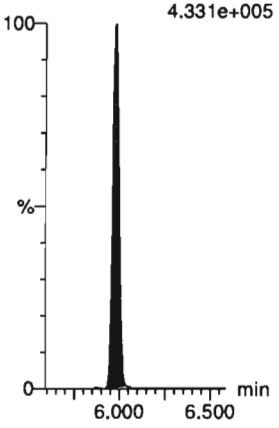
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.920e+005



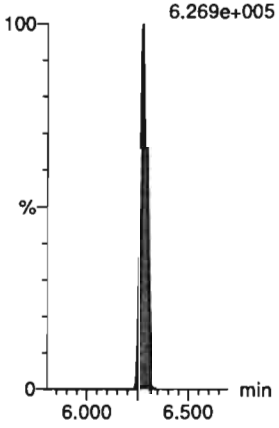
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.641e+005



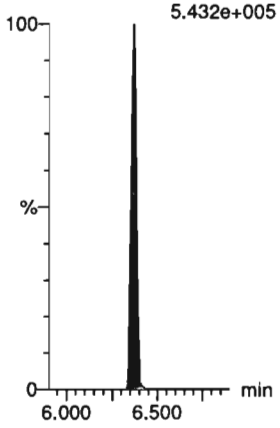
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.331e+005



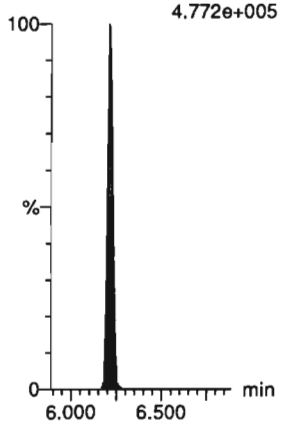
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.269e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.432e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.772e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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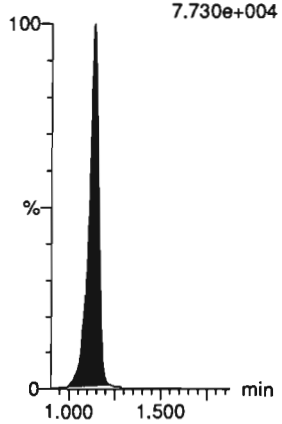
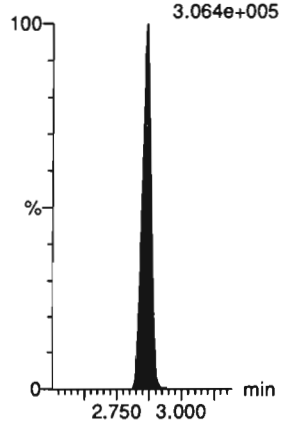
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-9, Date: 12-Jun-2020, Time: 10:01:23, ID: ST200612P1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

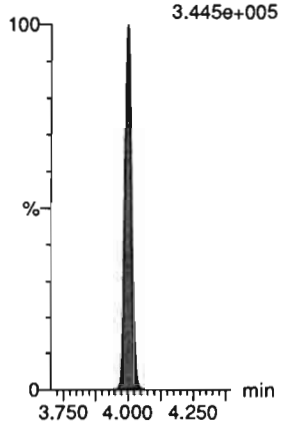
13C4-PFBA



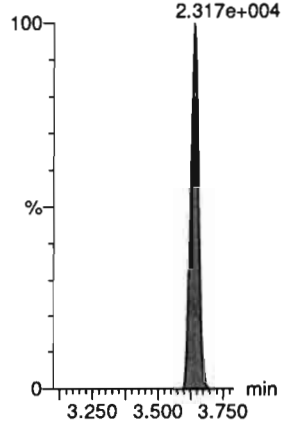
13C5-PFHxA



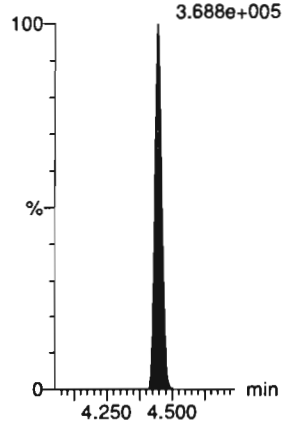
13C8-PFOA



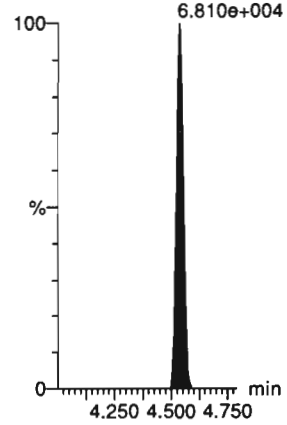
18O2-PFHxS



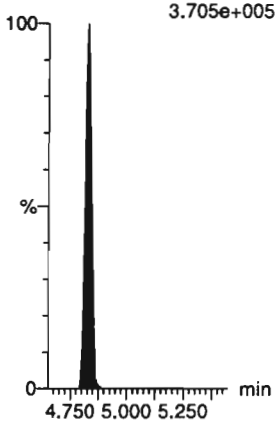
13C9-PFNA



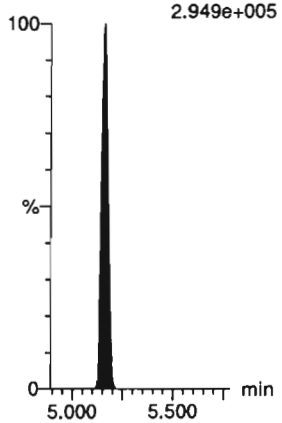
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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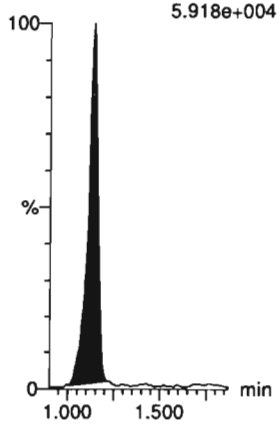
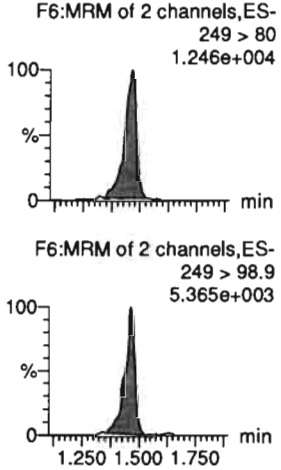
Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

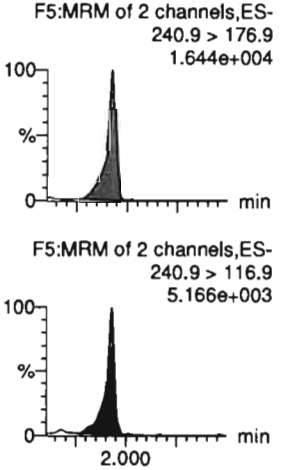
PFBA



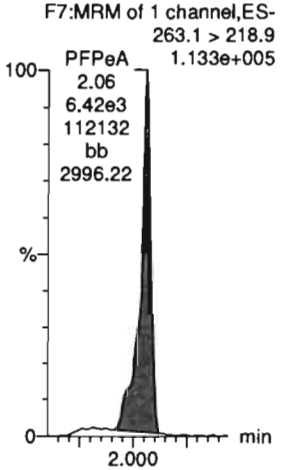
PFPrS



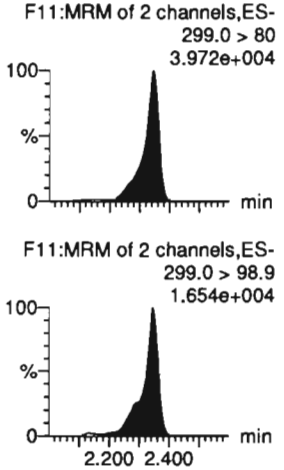
3:3 FTCA



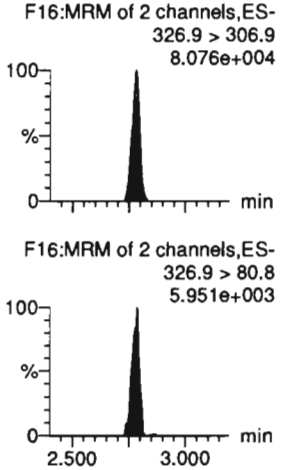
PFPeA



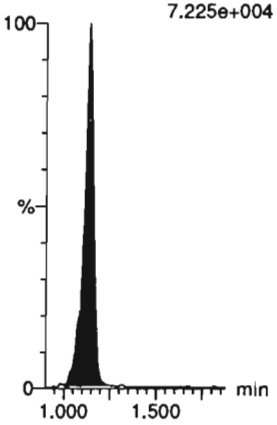
PFBS



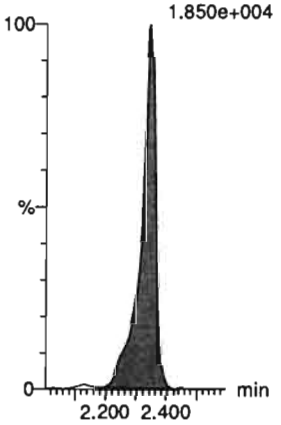
4:2 FTS



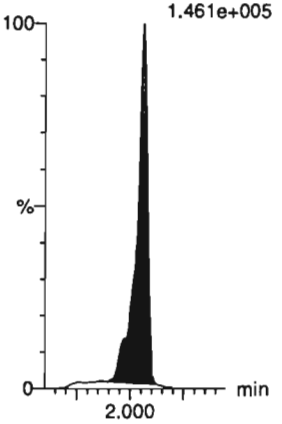
13C3-PFBA-EIS



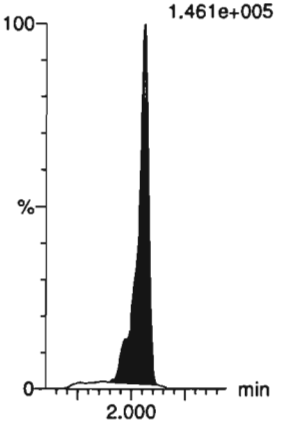
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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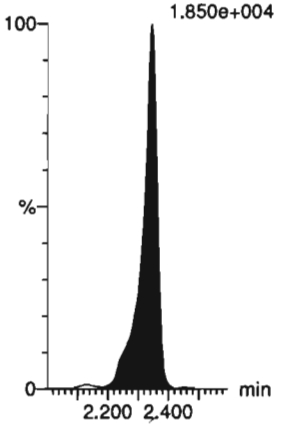
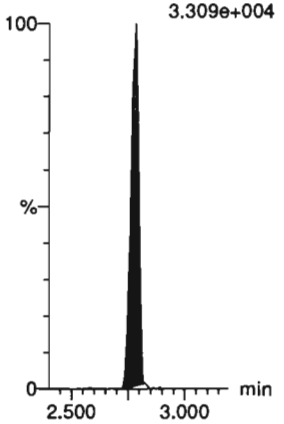


13C2-4:2 FTS-EIS



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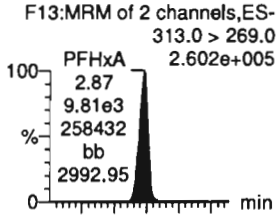
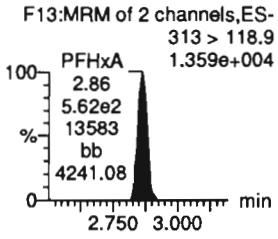
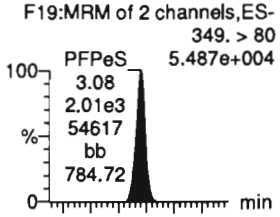
Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

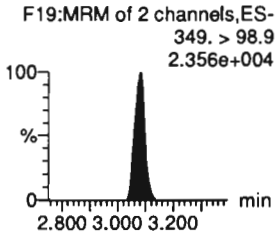
PFHxA



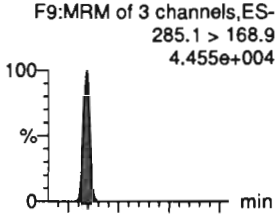


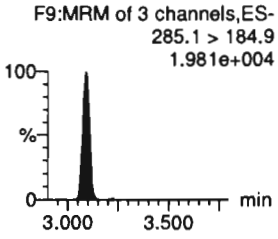
PFPeS



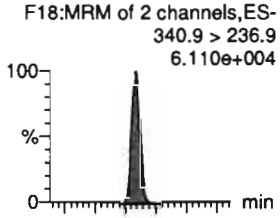


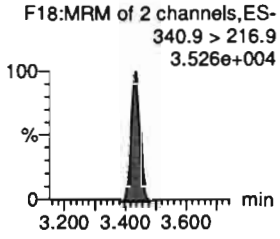
HFPO-DA



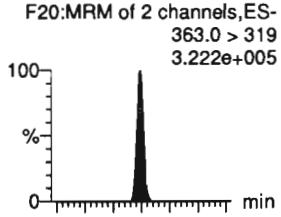


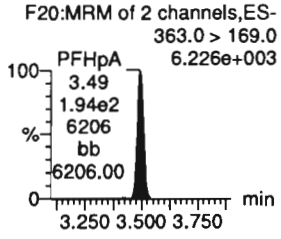
5:3 FTCA



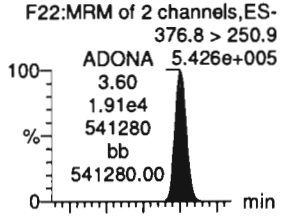


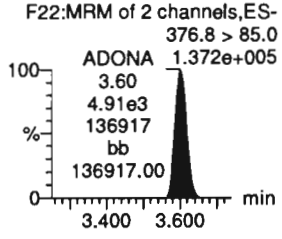
PFHpA



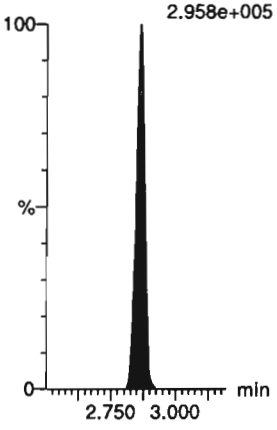


ADONA

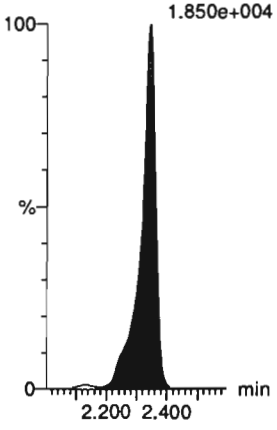




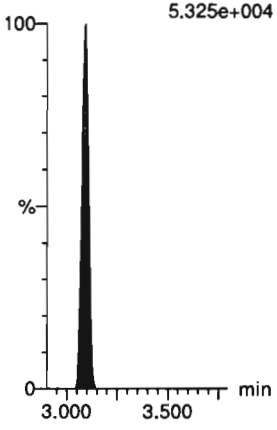
13C2-PFHxA-EIS



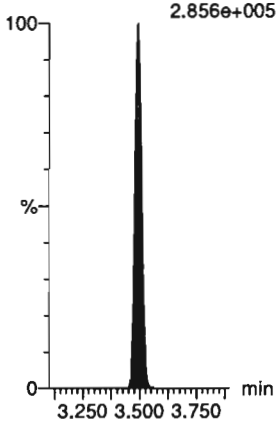
13C3-PFBS-EIS



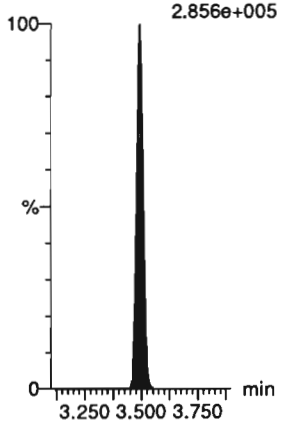
13C3-HFPO-DA-EIS



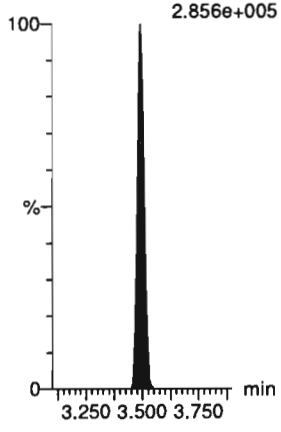
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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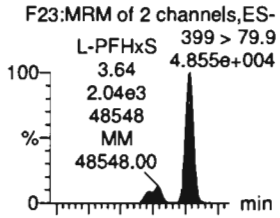
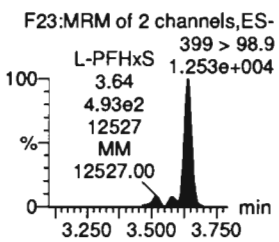
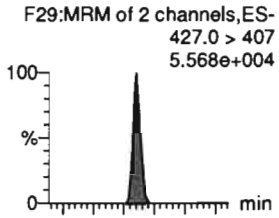
Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

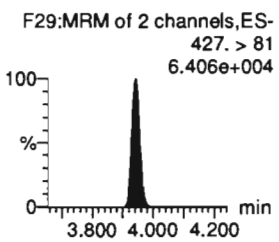
L-PFHxS



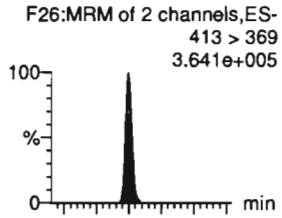


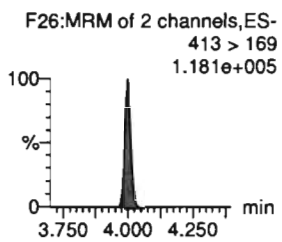
6:2 FTS



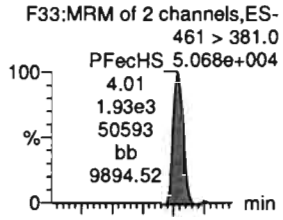


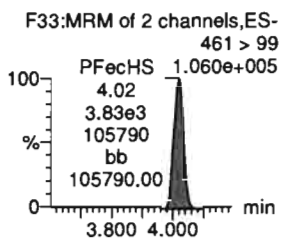
L-PFOA





PFEChS





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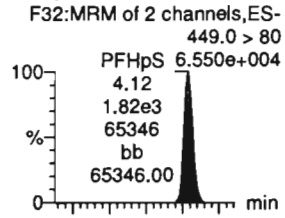
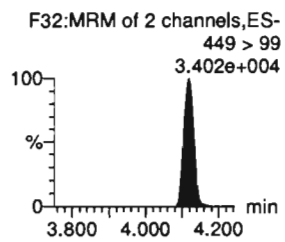
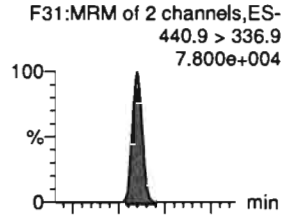
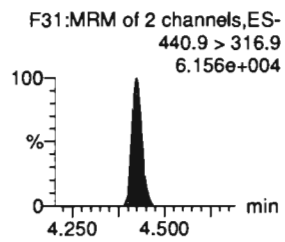


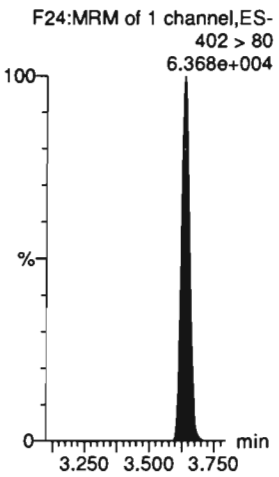


7:3 FTCA

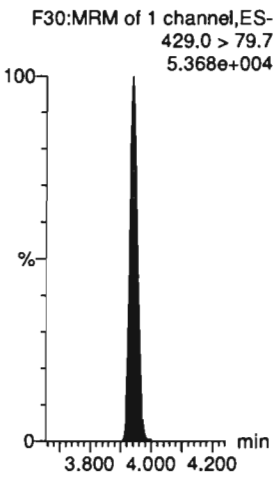




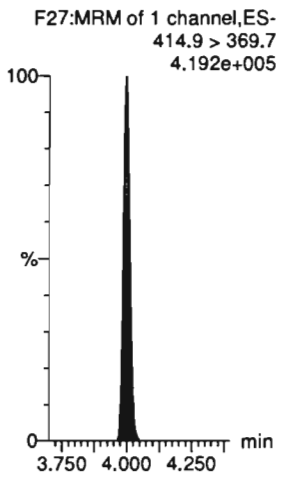
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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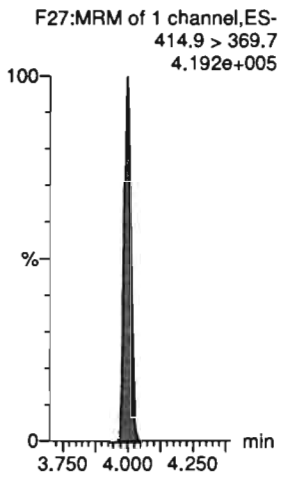
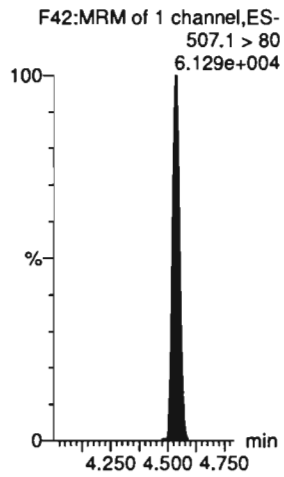
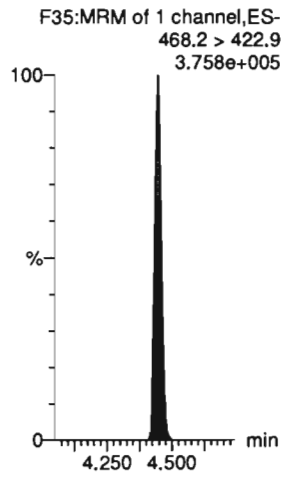


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

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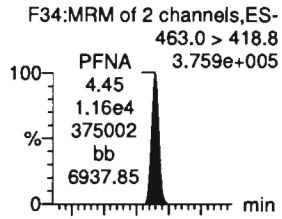

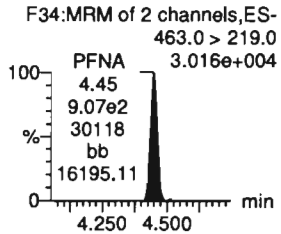

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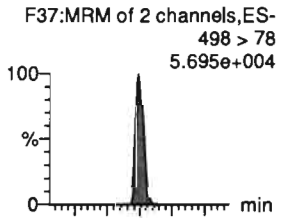
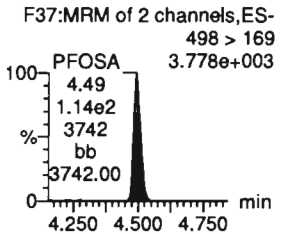
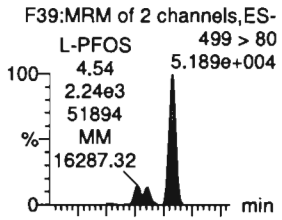
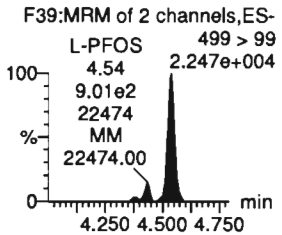




L-PFOS





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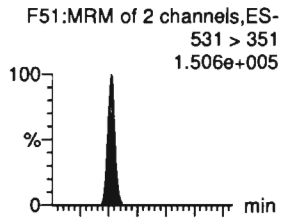

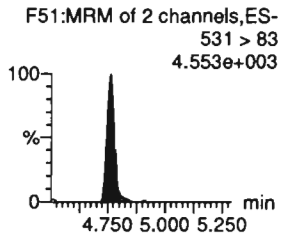

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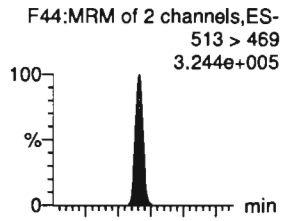
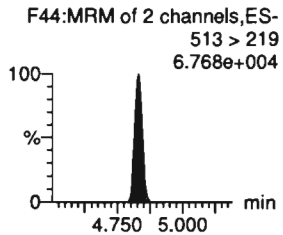
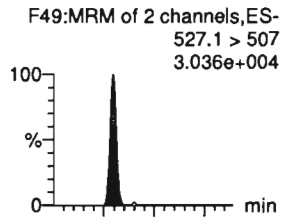
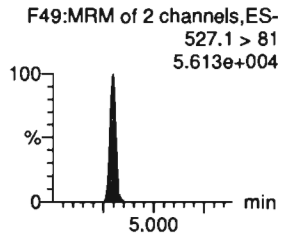


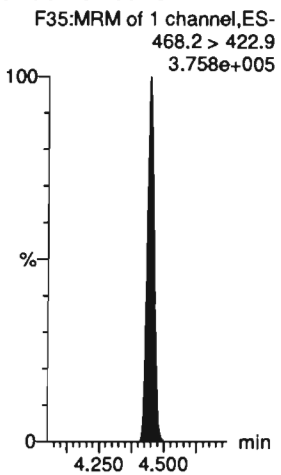


8:2 FTS

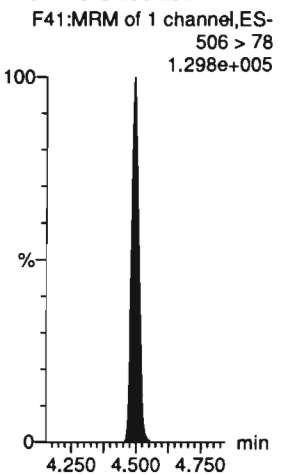




13C5-PFNA-EIS



13C8-PFOSA-EIS



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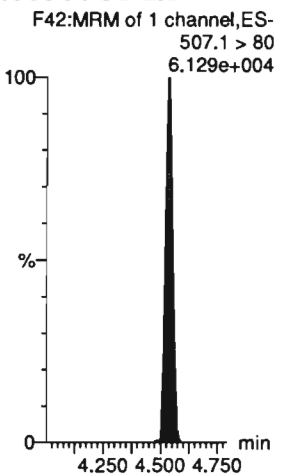
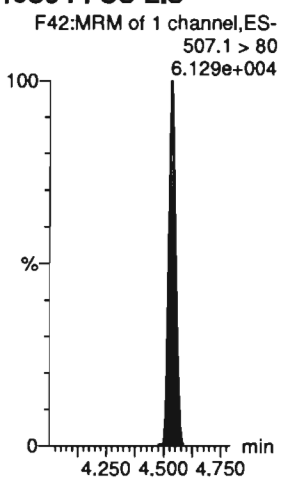
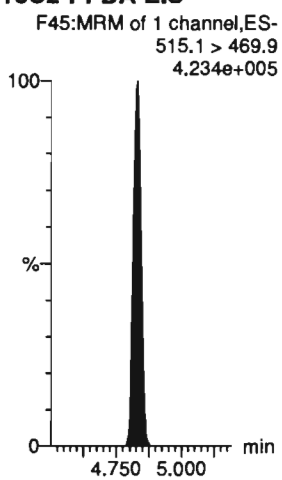


13C8-PFOS-EIS



13C2-PFDA-EIS



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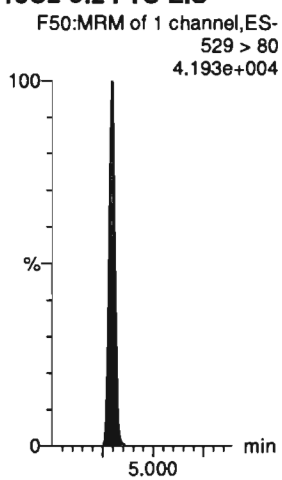

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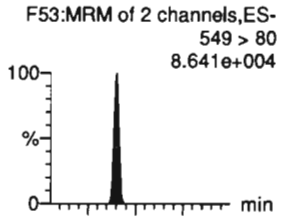
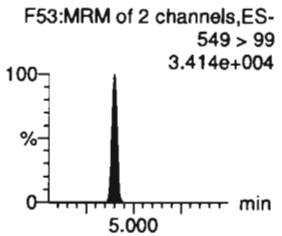
Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNS





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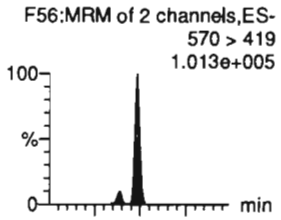

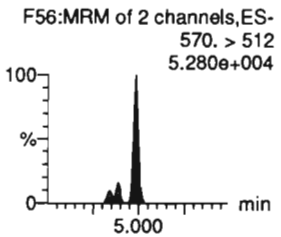

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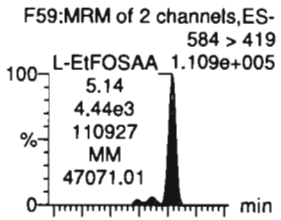
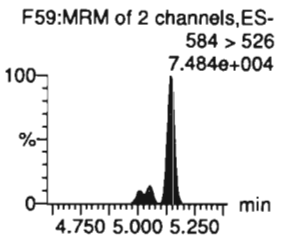
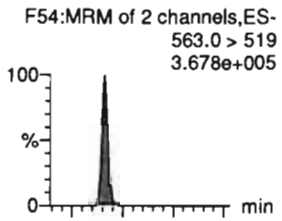
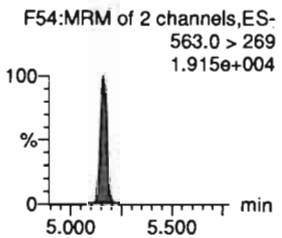




PFUdA





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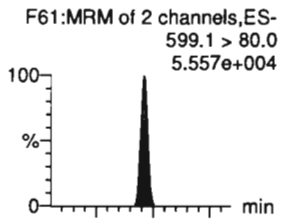

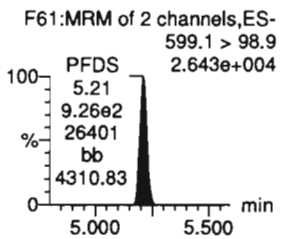

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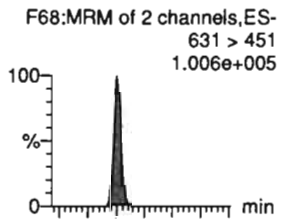
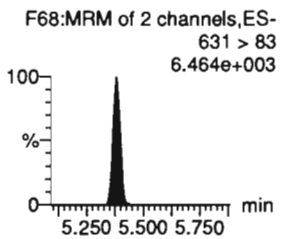
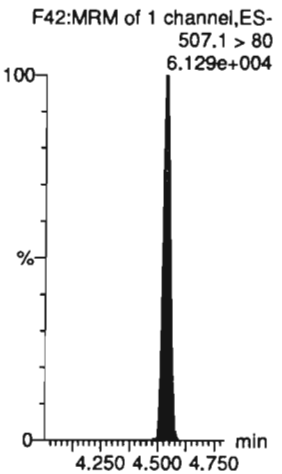




13C8-PFOS-EIS



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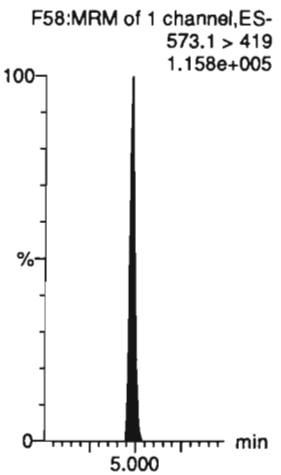

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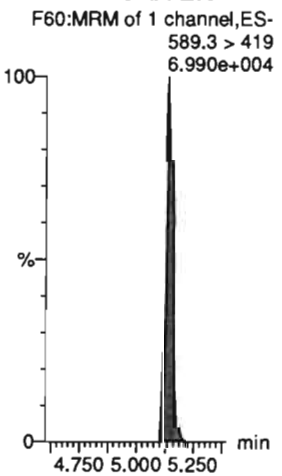

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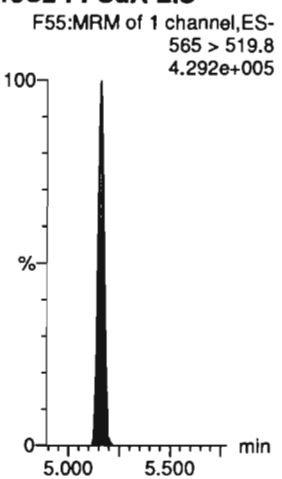

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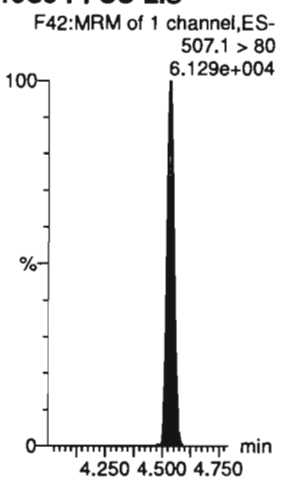

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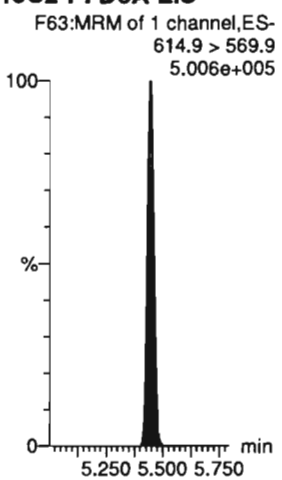

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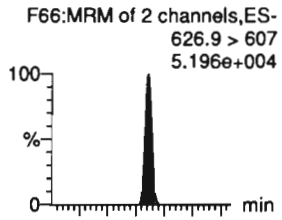
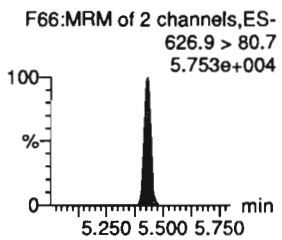
Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

10:2 FTS





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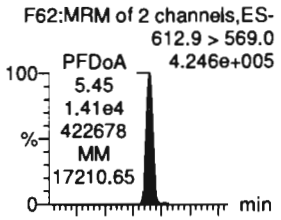
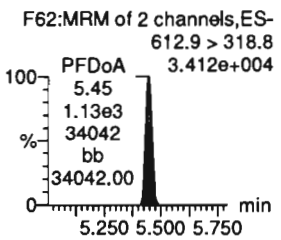
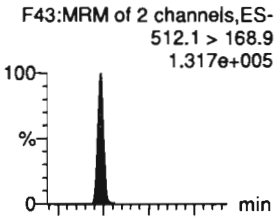
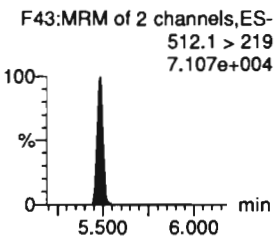


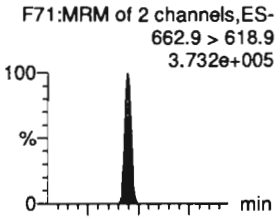


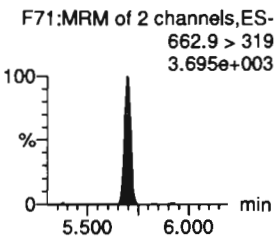
N-MeFOSA



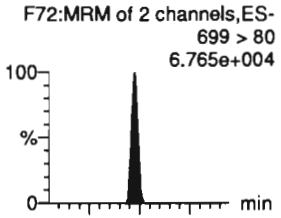


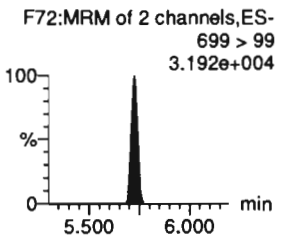
PFTrDA



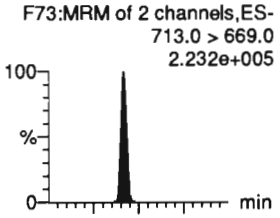


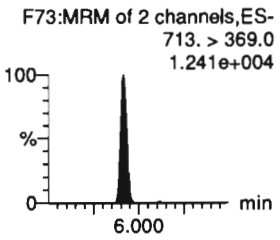
PFDoS



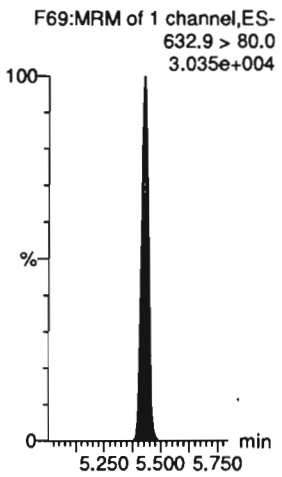


PFTeDA

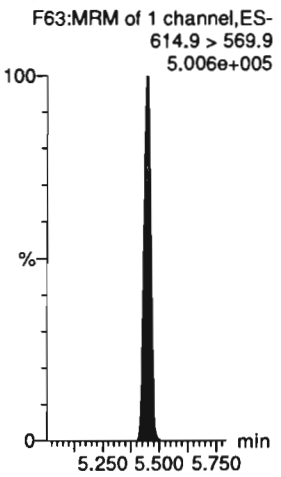




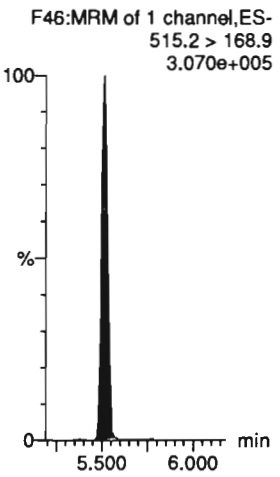
13C2-10:2 FTS-EIS



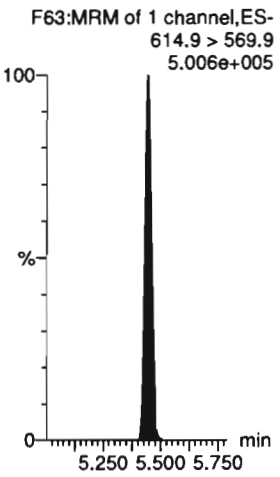
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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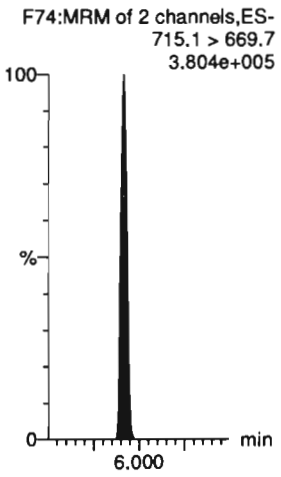
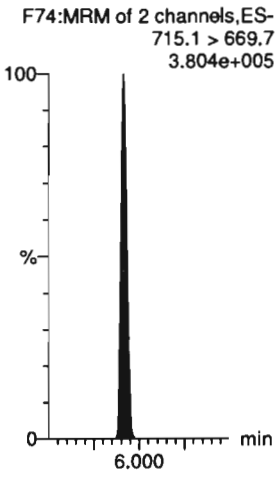


13C2-PFTeDA-EIS

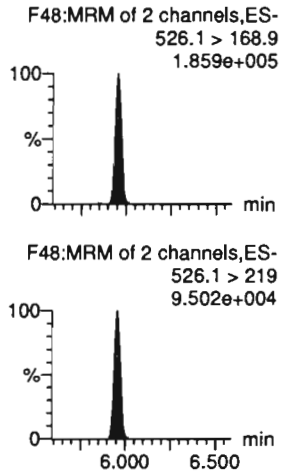


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

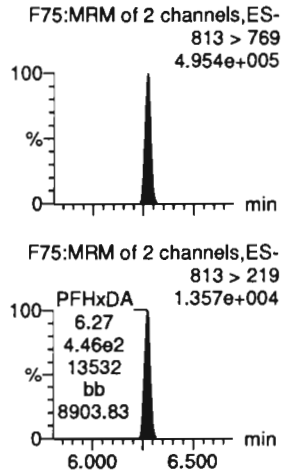
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

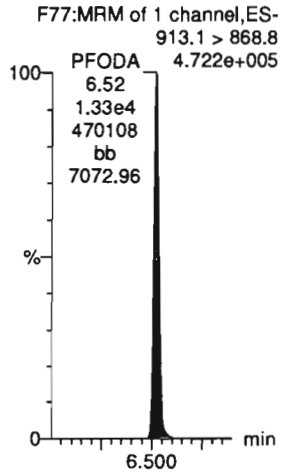
N-EtFOSA



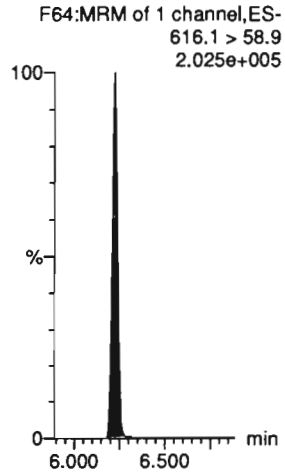
PFHxDA



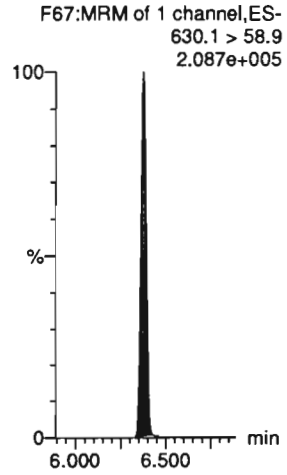
PFODA



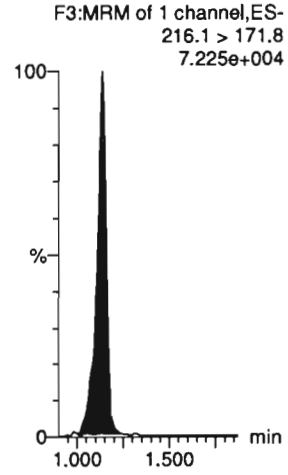
N-MeFOSE



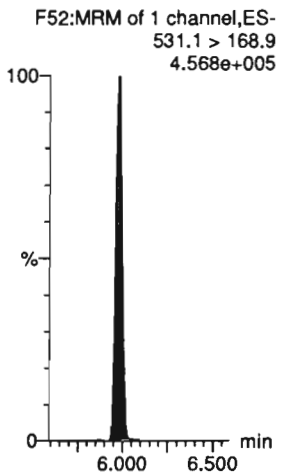
N-EtFOSE



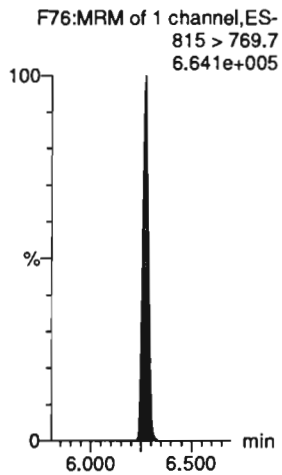
13C3-PFBA-RSD



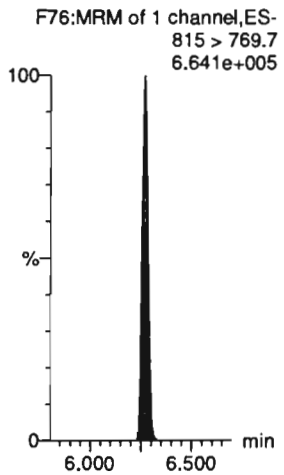
d5-N-ETFOSA-EIS



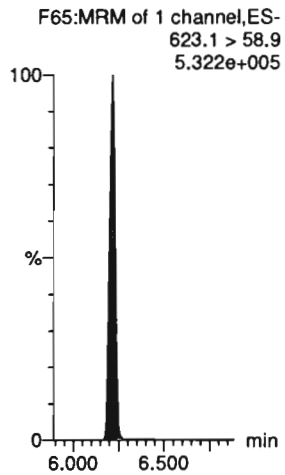
13C2-PFHxDA-EIS



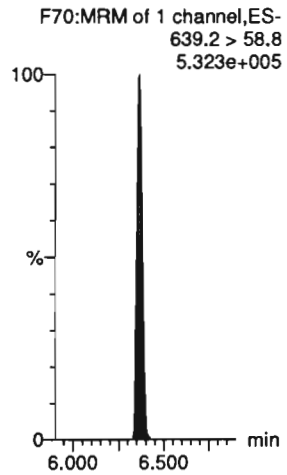
13C2-PFHxDA-EIS



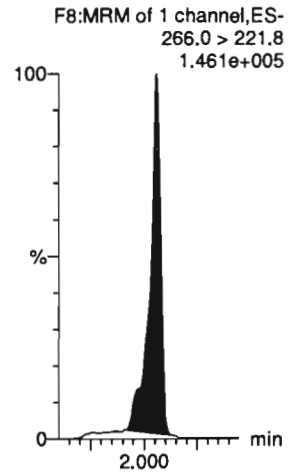
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

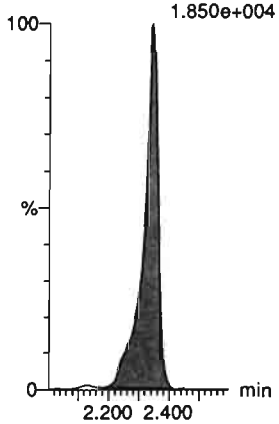


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

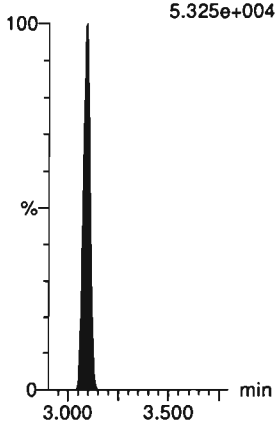
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

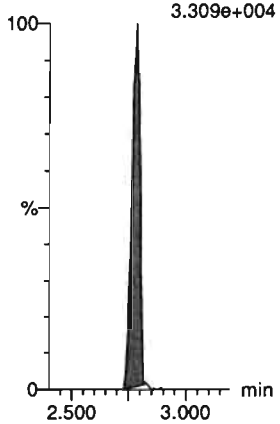
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.850e+004



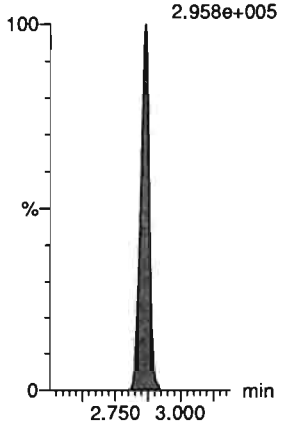
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.325e+004



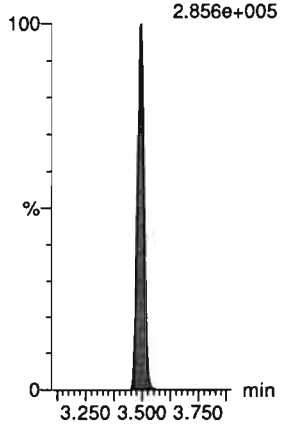
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.309e+004



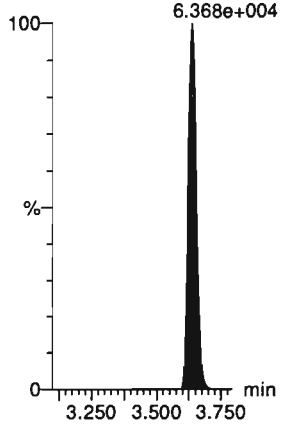
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.958e+005



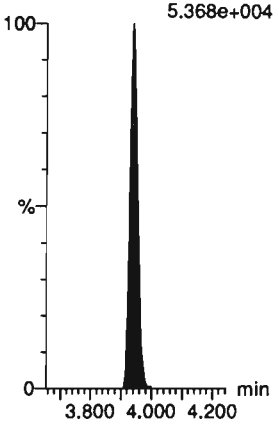
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.856e+005



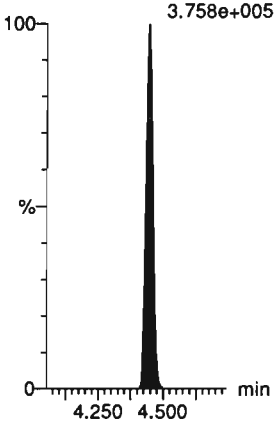
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.368e+004



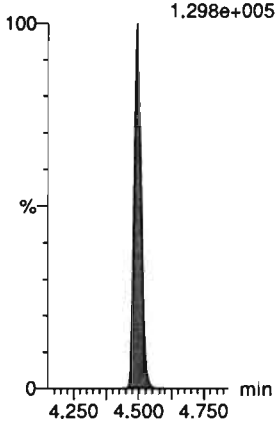
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.368e+004



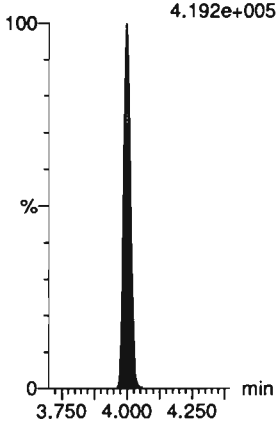
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.758e+005



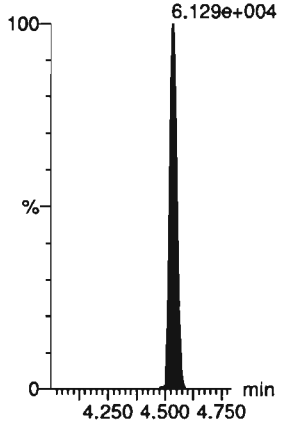
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.298e+005



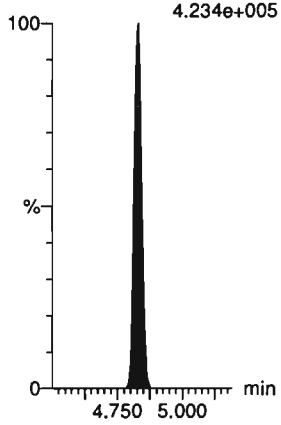
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.192e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.129e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.234e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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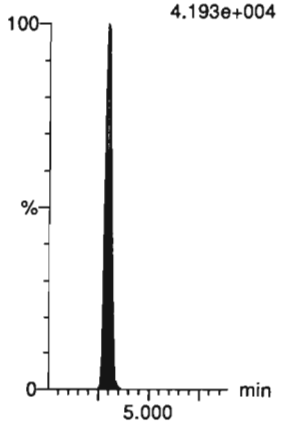
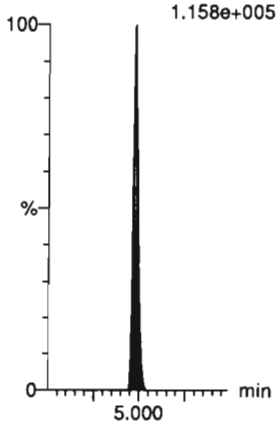
Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

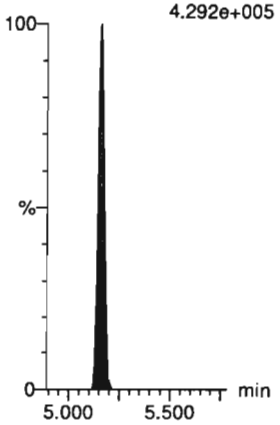
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.193e+004



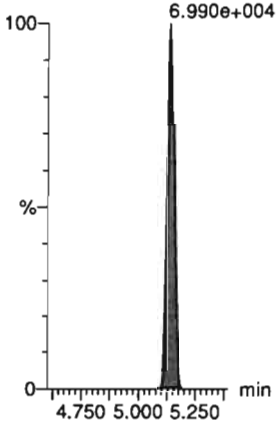
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.158e+005



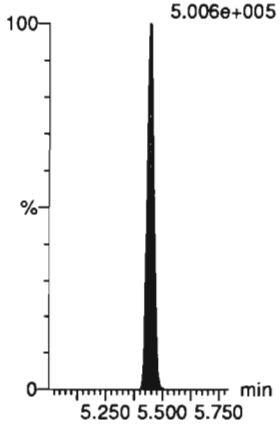
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.292e+005



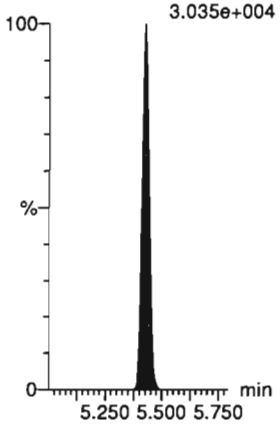
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.990e+004



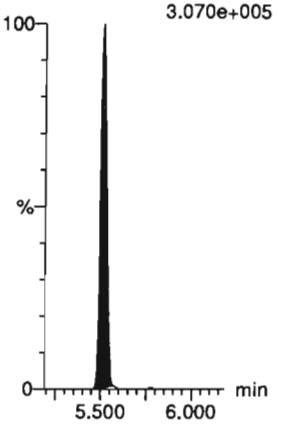
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.006e+005



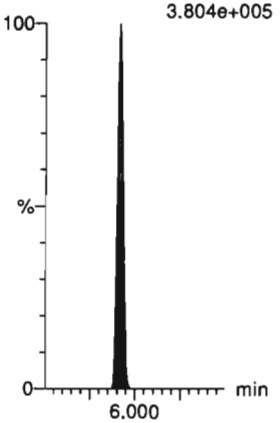
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
3.035e+004



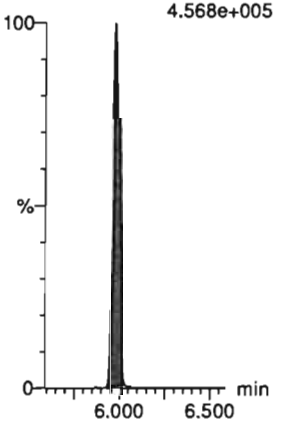
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.070e+005



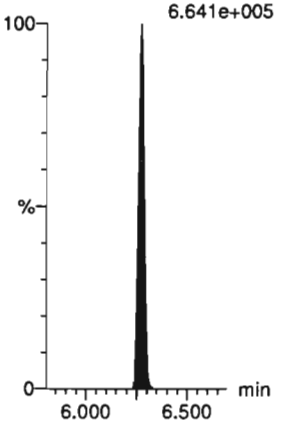
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.804e+005



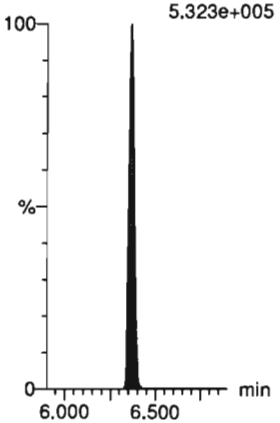
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.568e+005



13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.641e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.323e+005



d7-N-MeFOSE-RSD
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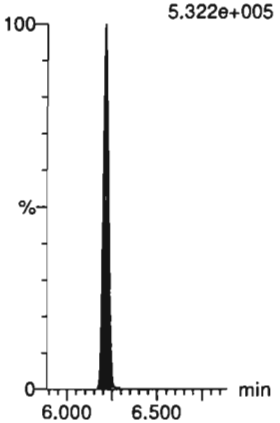
5.322e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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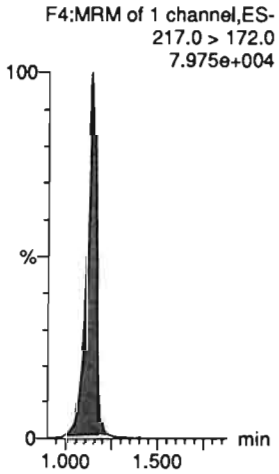
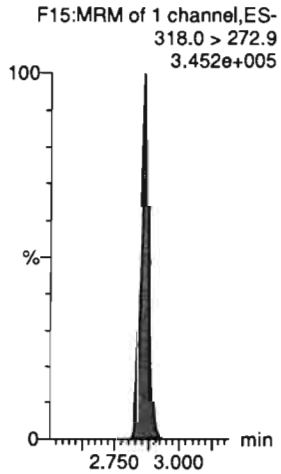
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-10, Date: 12-Jun-2020, Time: 10:11:52, ID: ST200612P1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

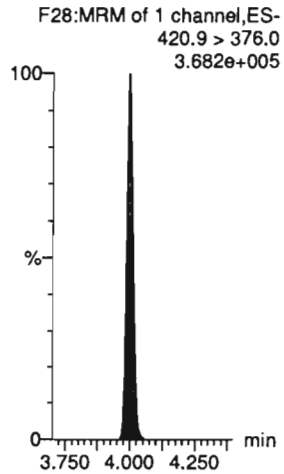
13C4-PFBA



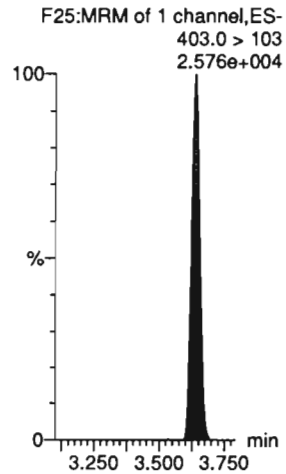
13C5-PFHxA



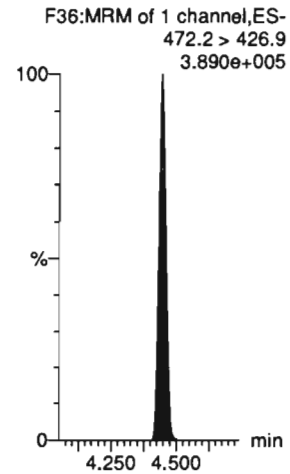
13C8-PFOA



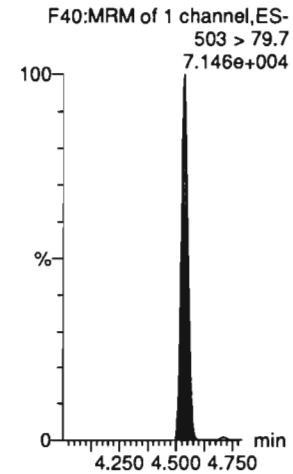
18O2-PFHxS



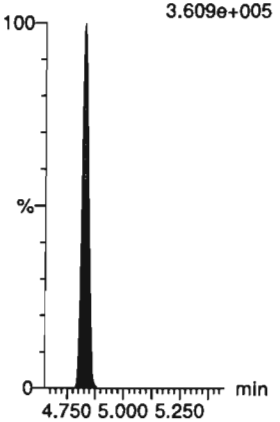
13C9-PFNA



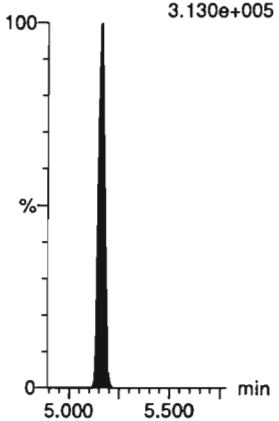
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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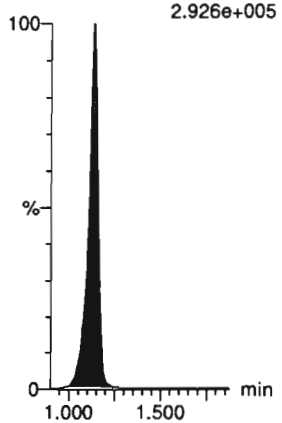
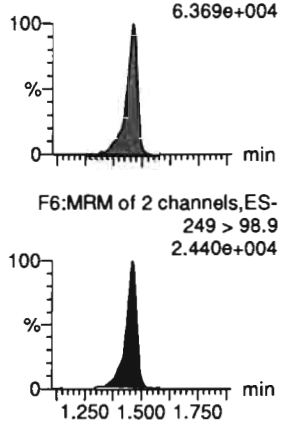
Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

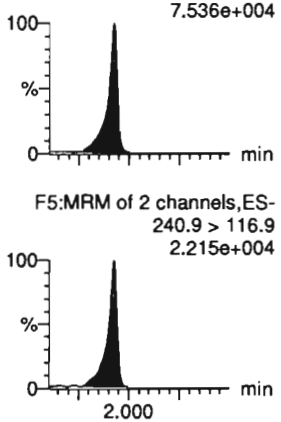
PFBA



PFPrS



3:3 FTCA



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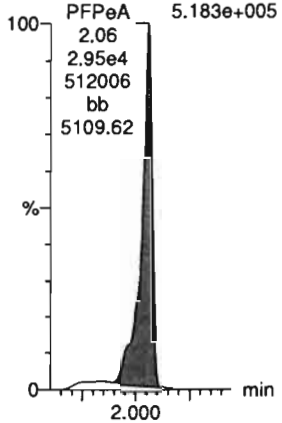

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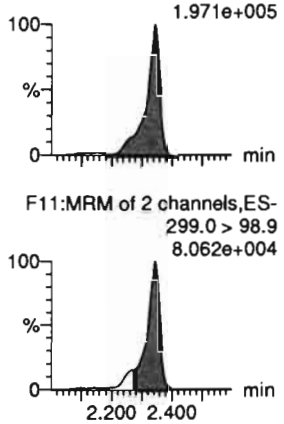
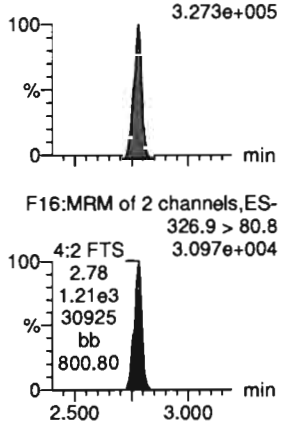
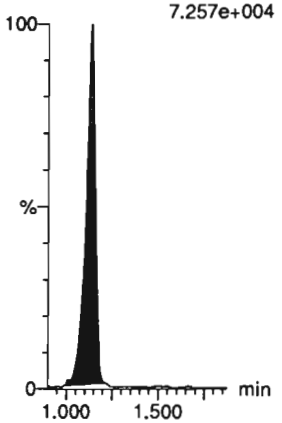


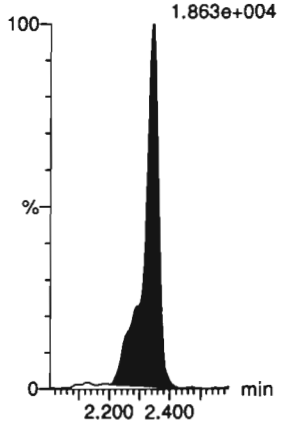
4:2 FTS



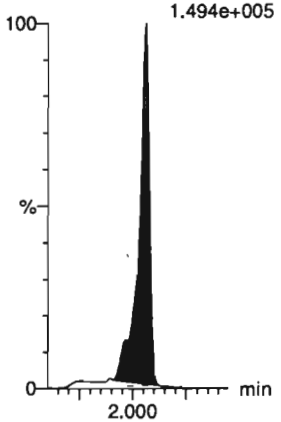
13C3-PFBA-EIS



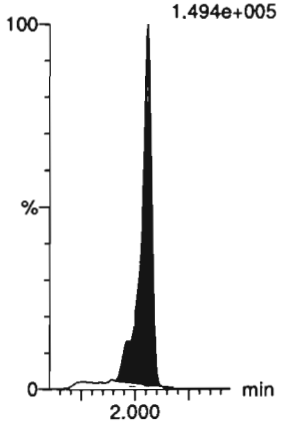
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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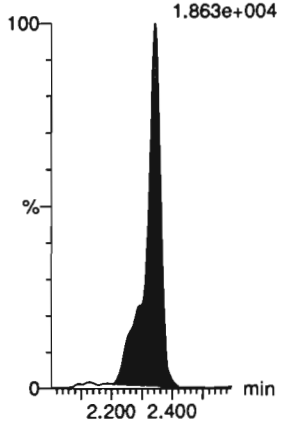
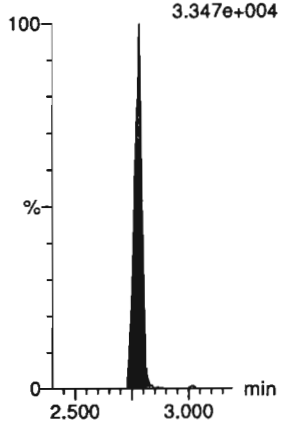


13C2-4:2 FTS-EIS



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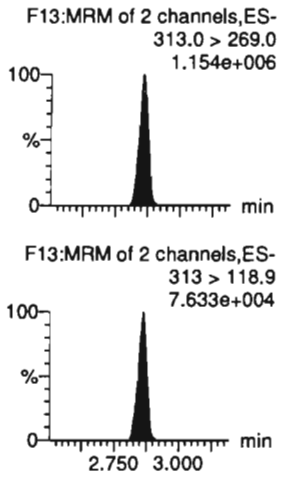
Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

PFHxA



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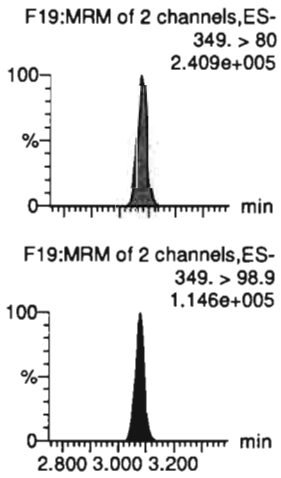

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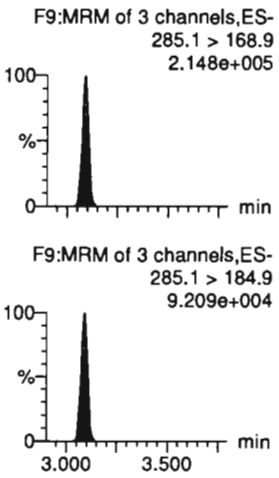
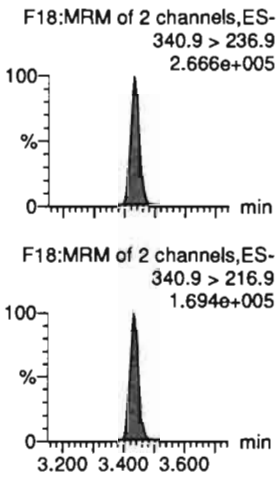


5:3 FTCA



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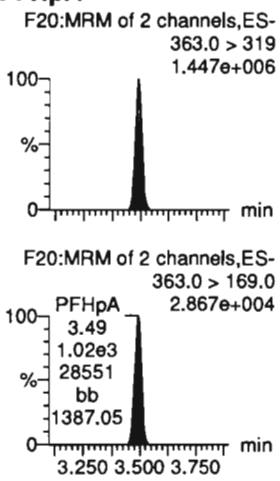

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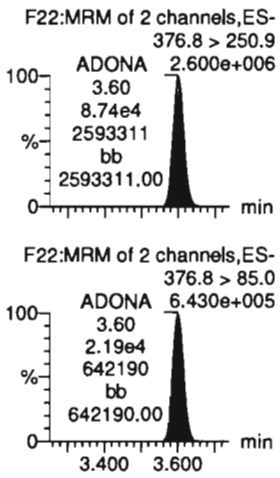
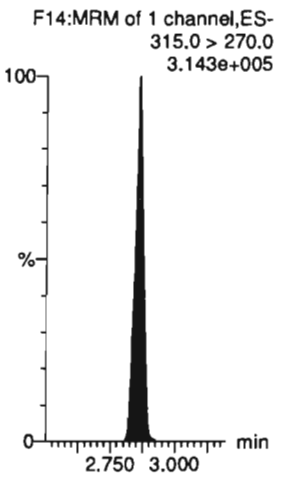
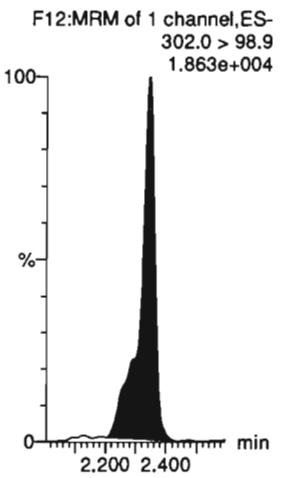


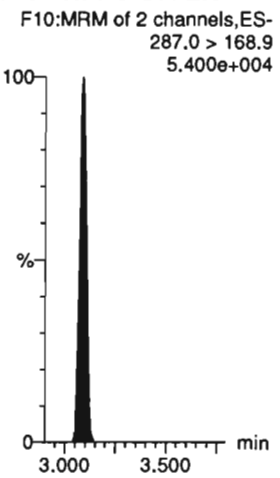
13C2-PFHxA-EIS



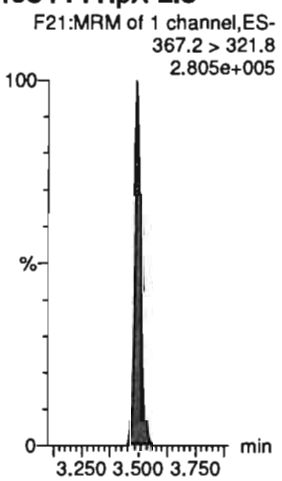
13C3-PFBS-EIS



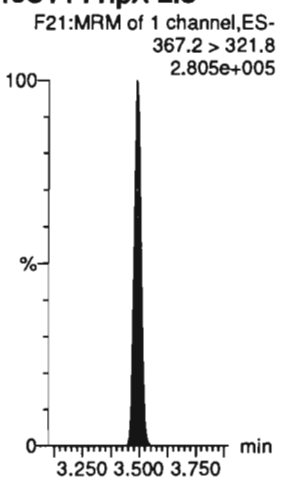
13C3-HFPO-DA-EIS



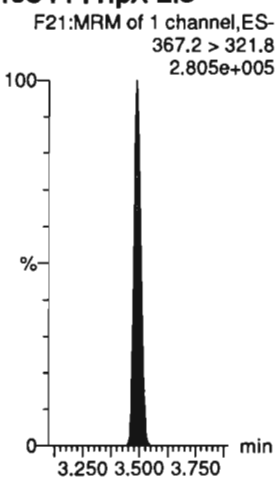
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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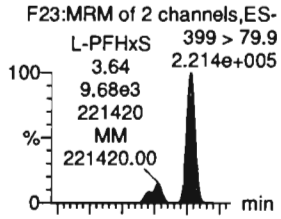
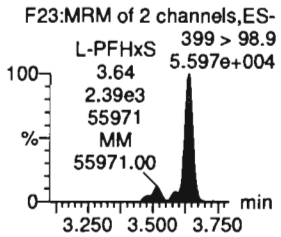
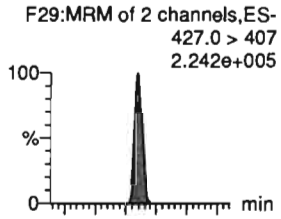
Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

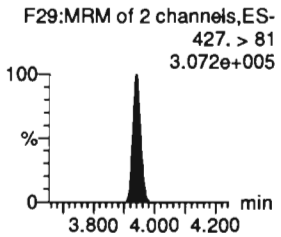
L-PFHxS





6:2 FTS





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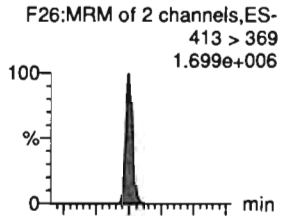
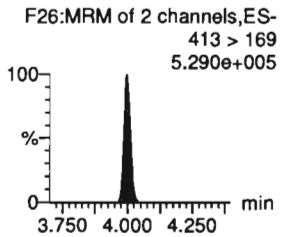
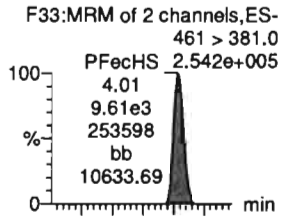
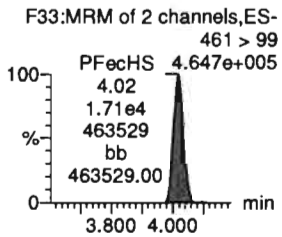


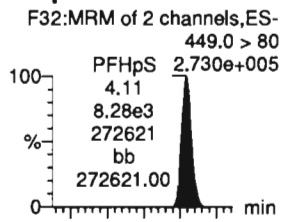


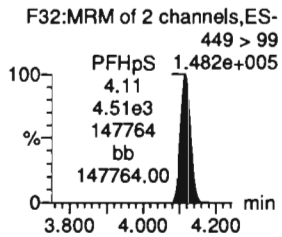
PFEChS



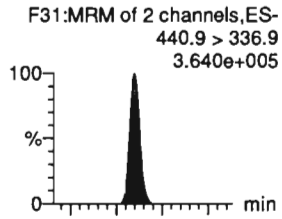


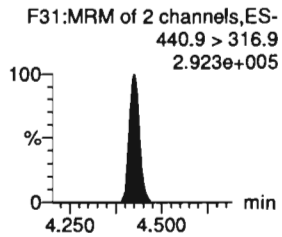
PFHpS



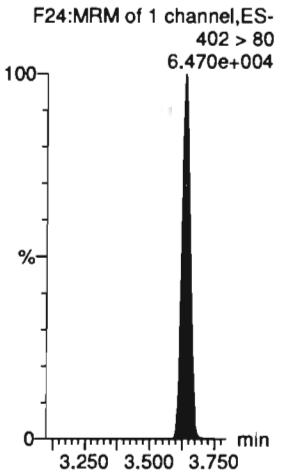


7:3 FTCA

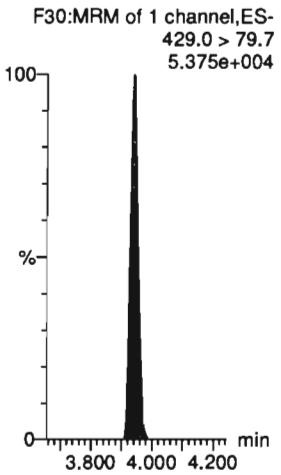




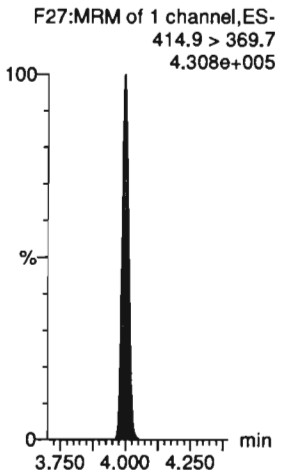
13C3-PFHxS-EIS



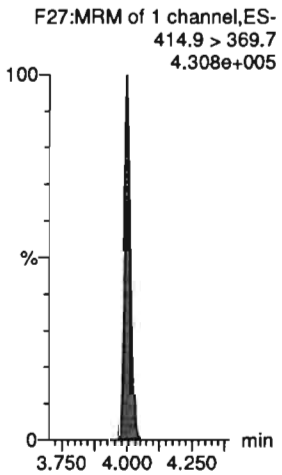
13C2-6:2 FTS-EIS



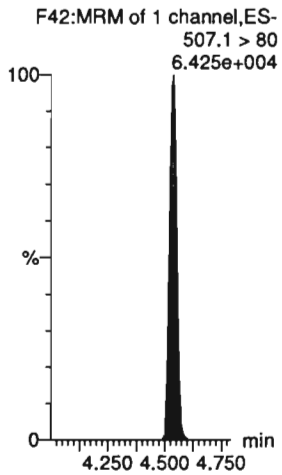
13C2-PFOA-EIS



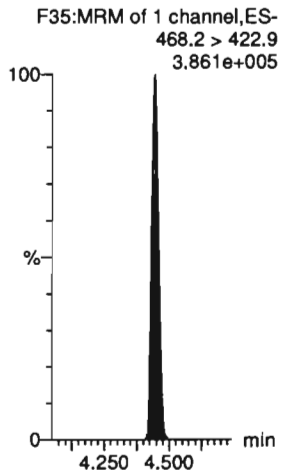
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

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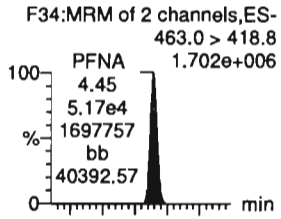

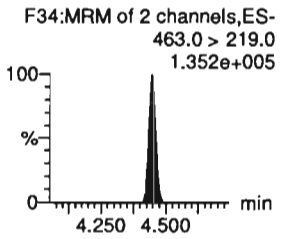

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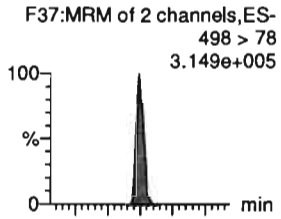

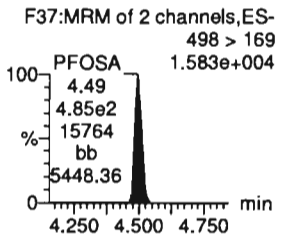

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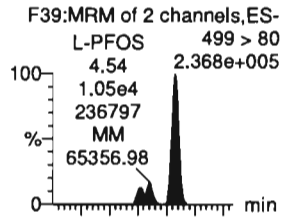

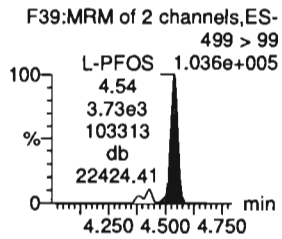

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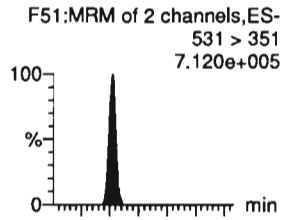

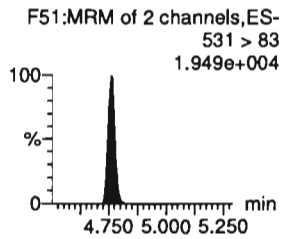

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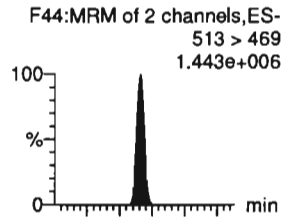
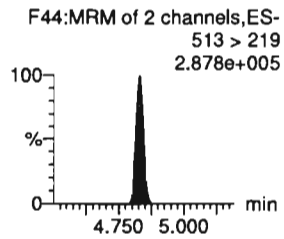
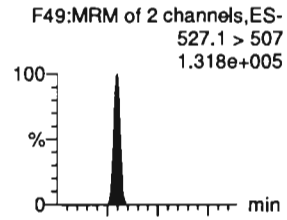
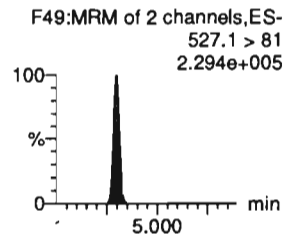


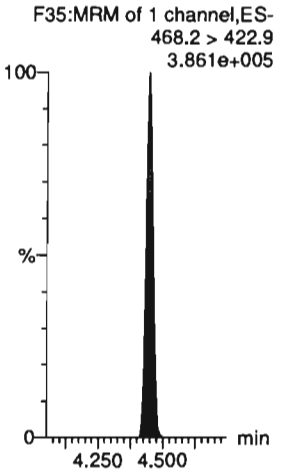


8:2 FTS

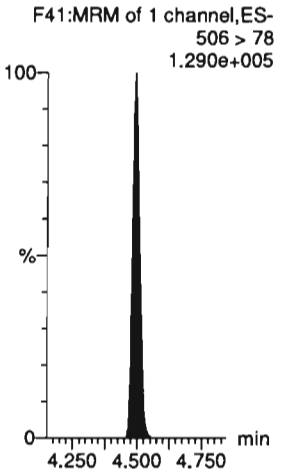




13C5-PFNA-EIS



13C8-PFOSA-EIS



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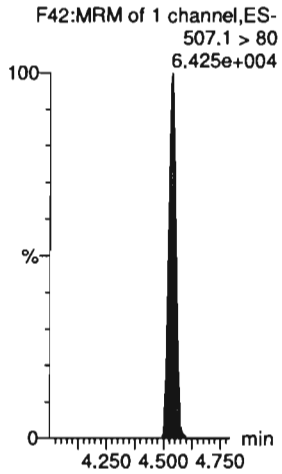

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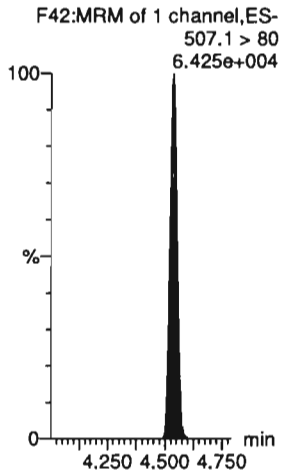

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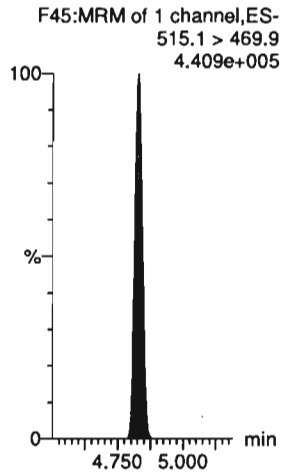
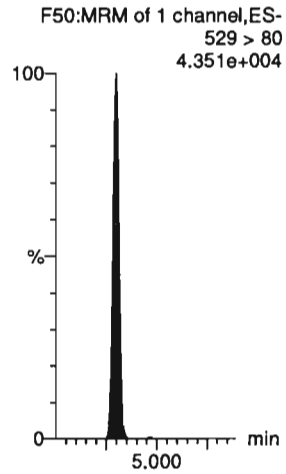


13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

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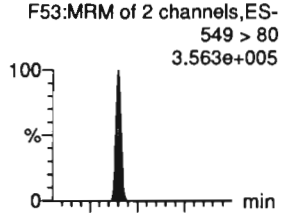

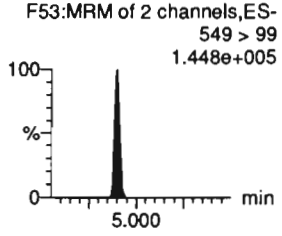

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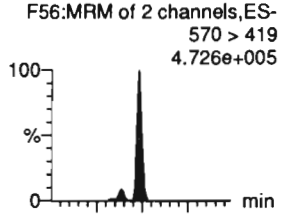

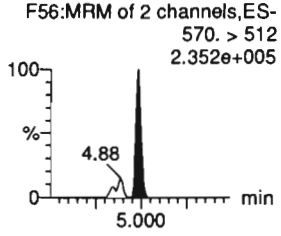

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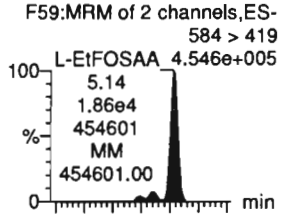

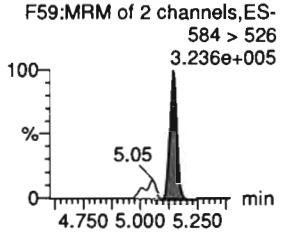

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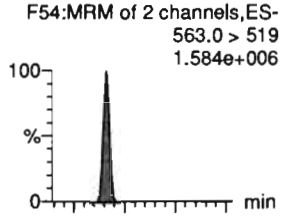

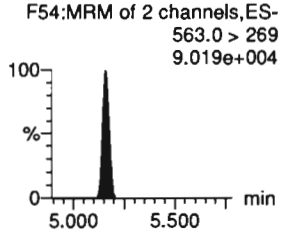

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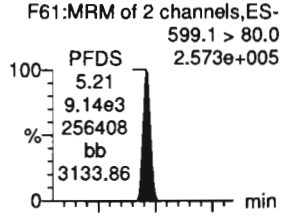

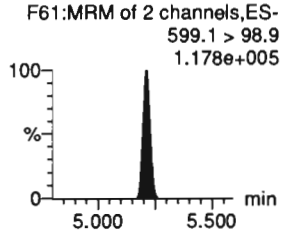

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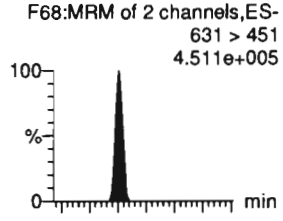

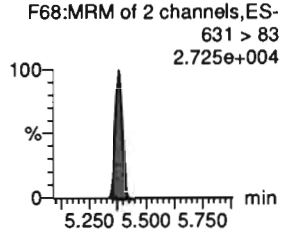

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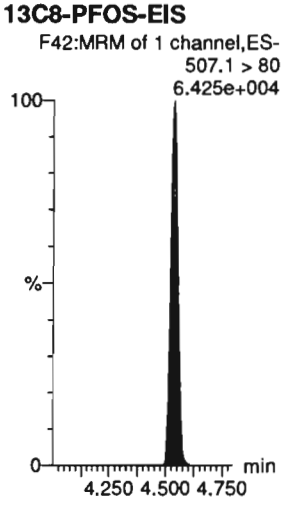

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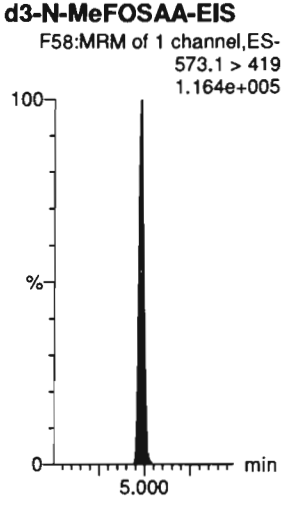

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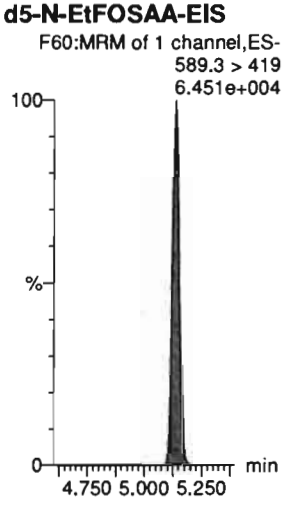

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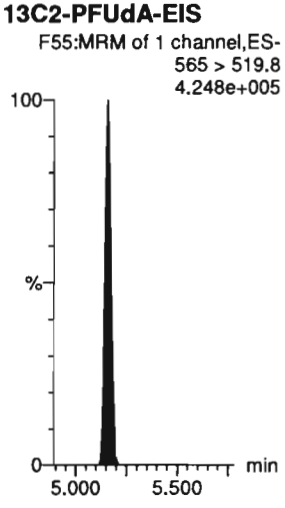

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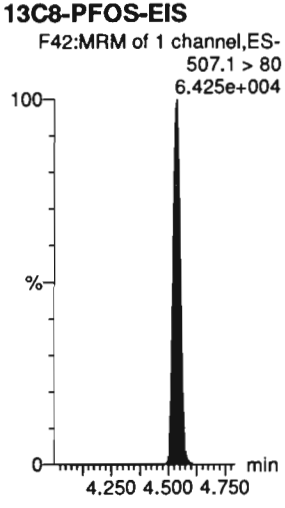

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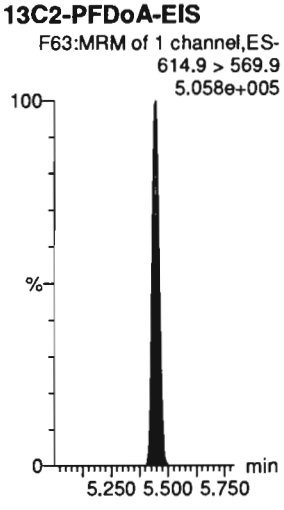

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Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

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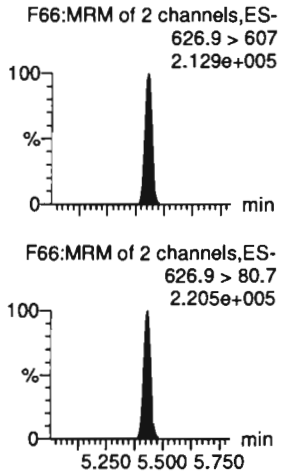

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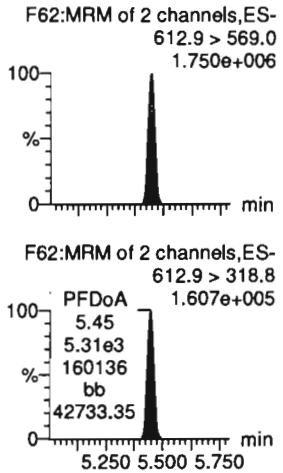

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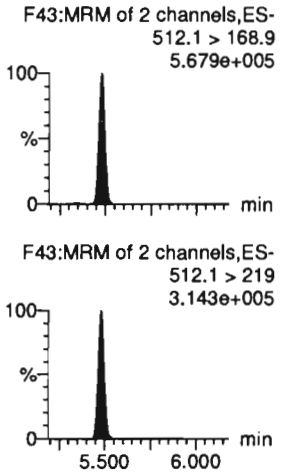

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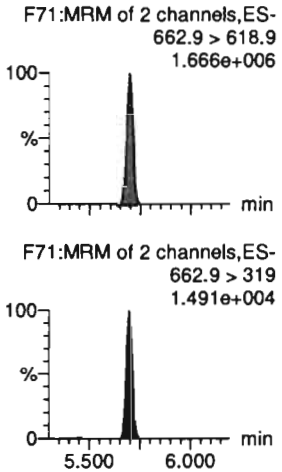

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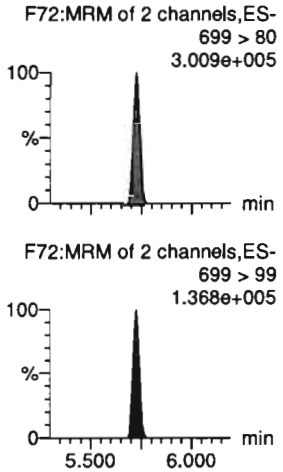

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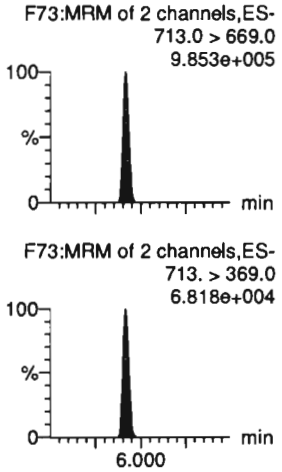

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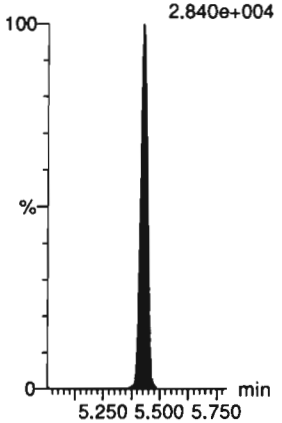

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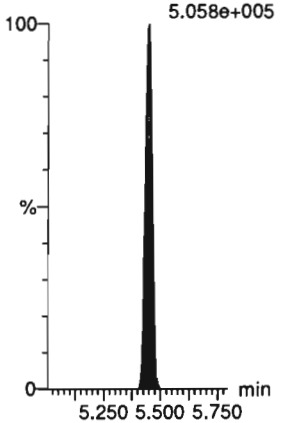

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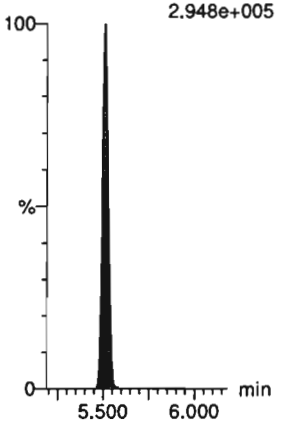

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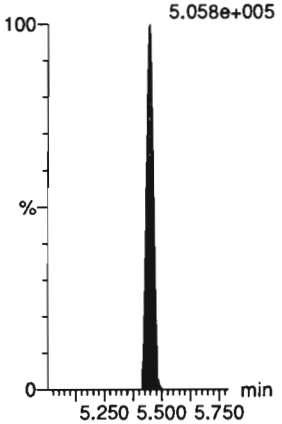

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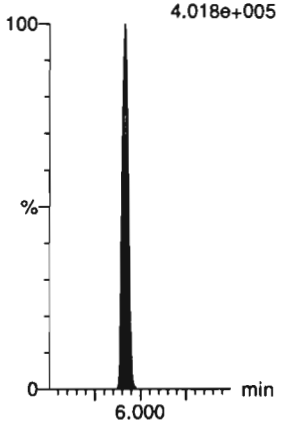

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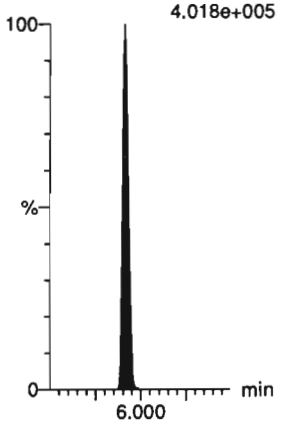

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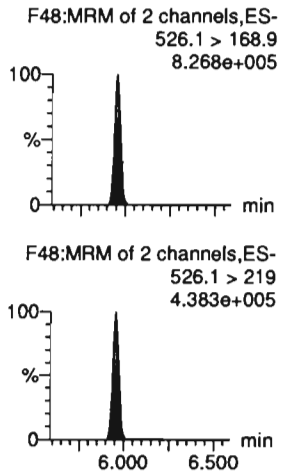
Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

N-EtFOSA



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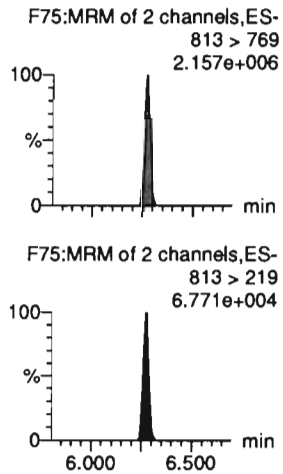

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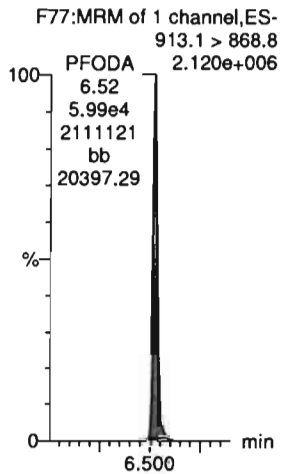
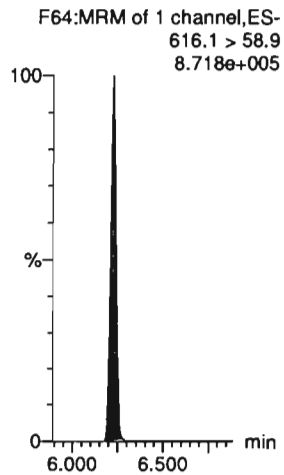
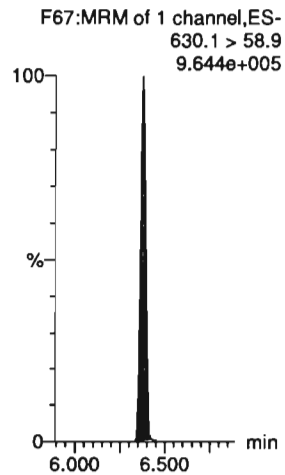


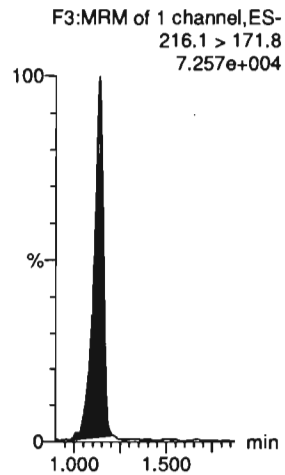
N-MeFOSE



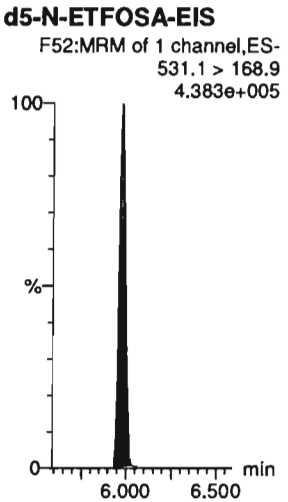
N-EtFOSE



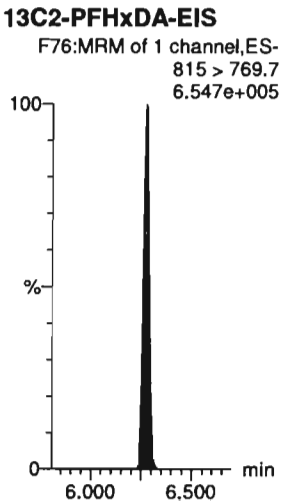
13C3-PFBA-RSD



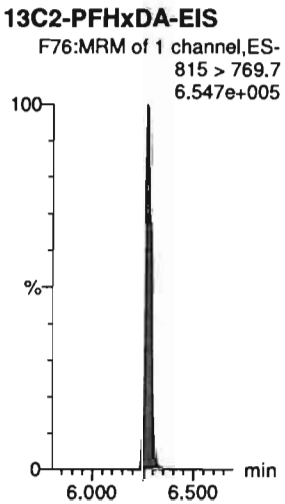
d5-N-ETFOSA-EIS



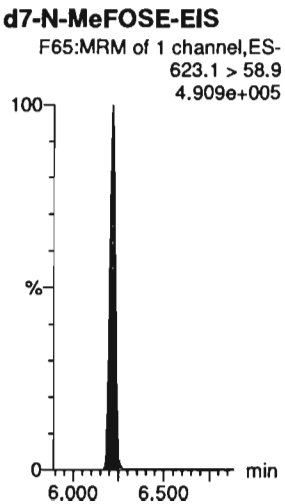
13C2-PFHxDA-EIS



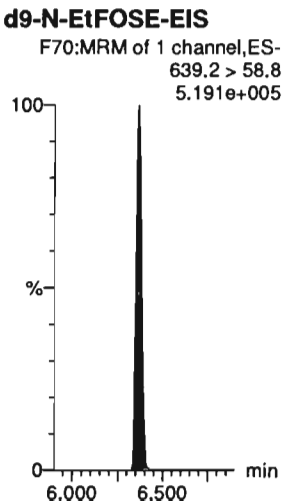
13C2-PFHxDA-EIS



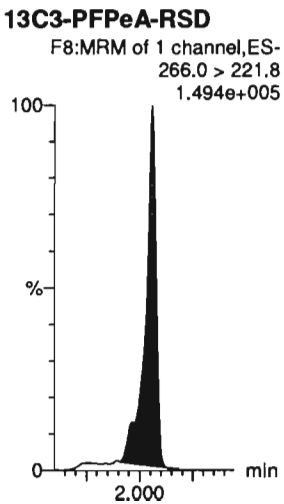
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

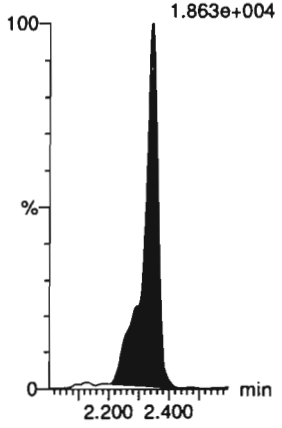


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

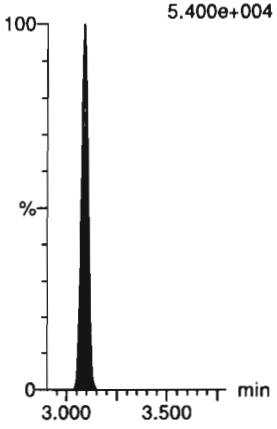
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

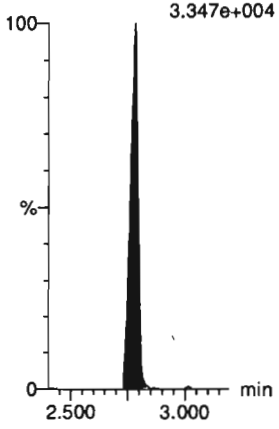
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.863e+004



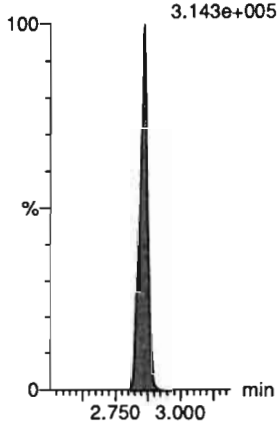
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.400e+004



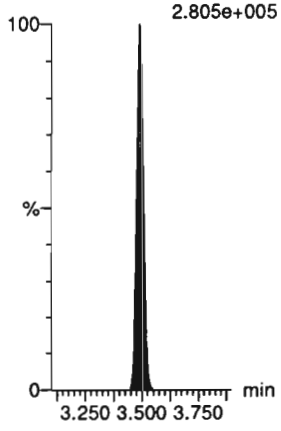
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.347e+004



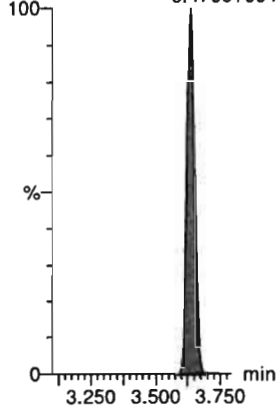
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.143e+005



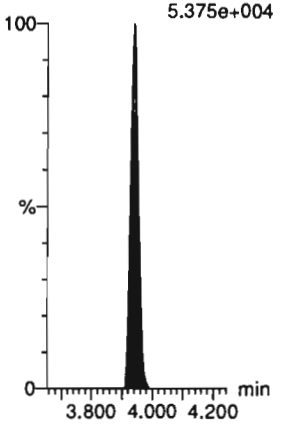
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.805e+005



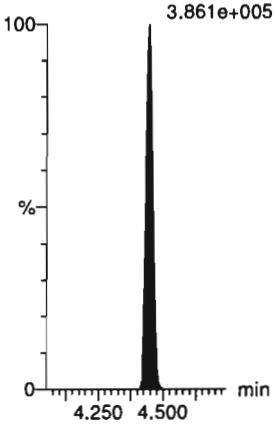
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.470e+004



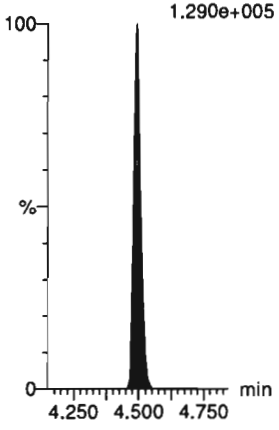
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.375e+004



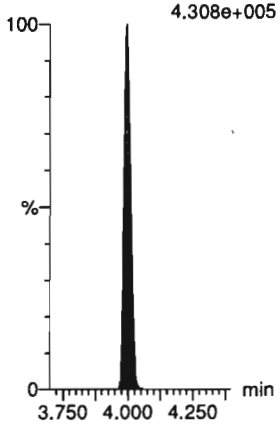
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.861e+005



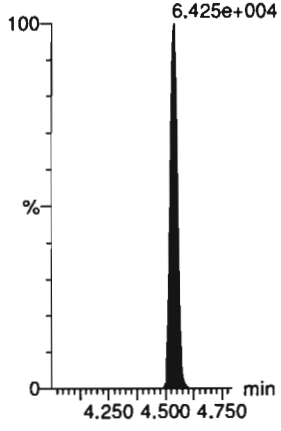
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.290e+005



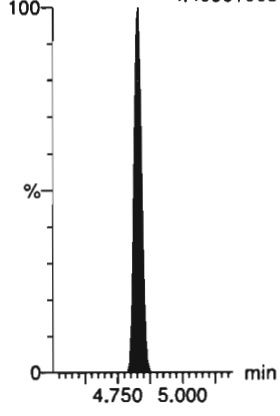
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.308e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.425e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.409e+005

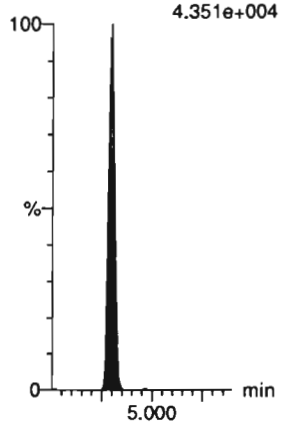


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

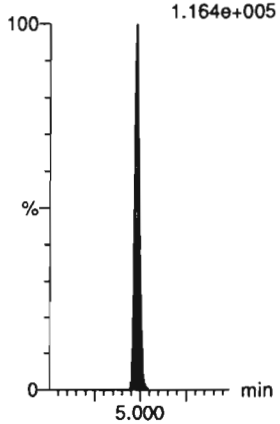
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

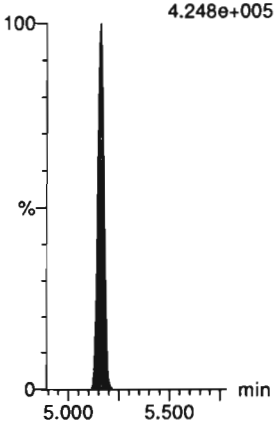
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.351e+004



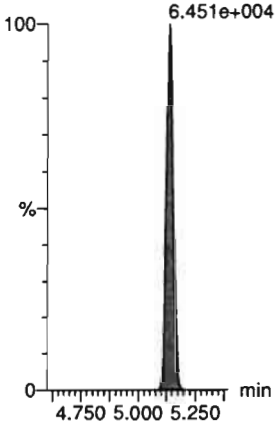
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.164e+005



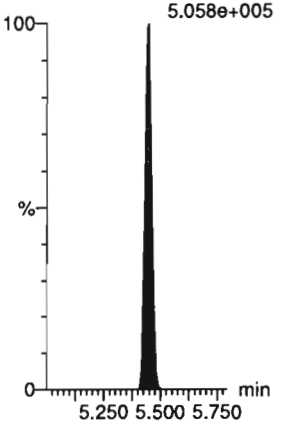
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.248e+005



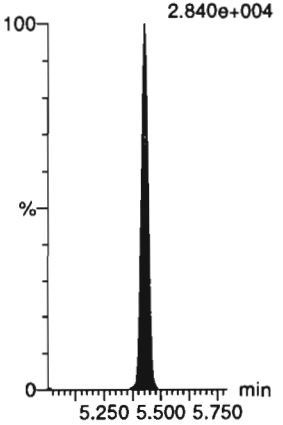
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
6.451e+004



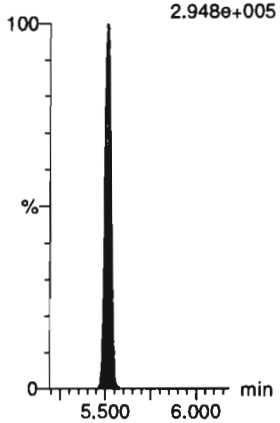
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
5.058e+005



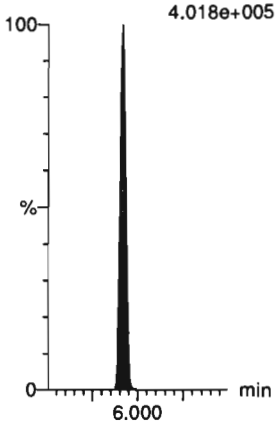
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.840e+004



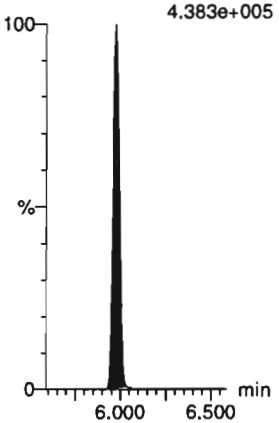
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.948e+005



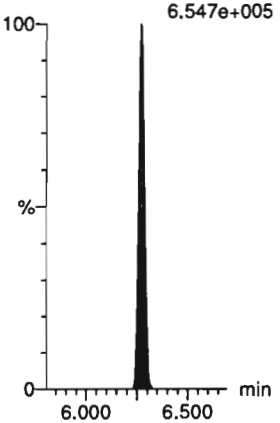
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.018e+005



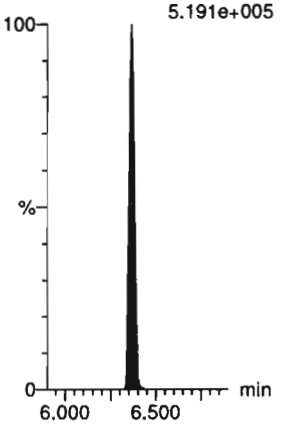
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.383e+005



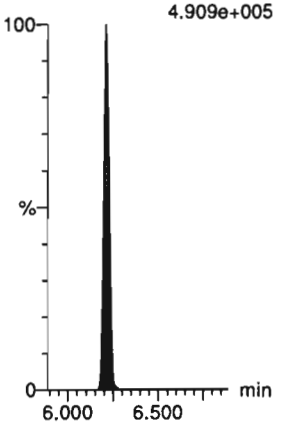
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.547e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.191e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.909e+005

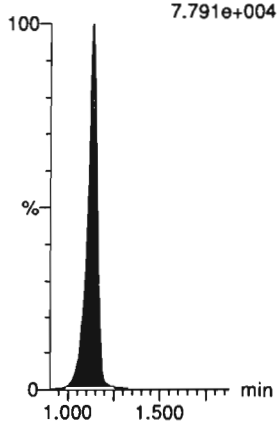


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

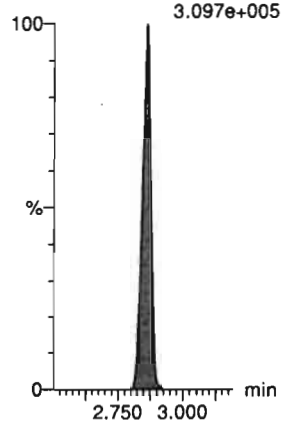
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-11, Date: 12-Jun-2020, Time: 10:22:24, ID: ST200612P1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

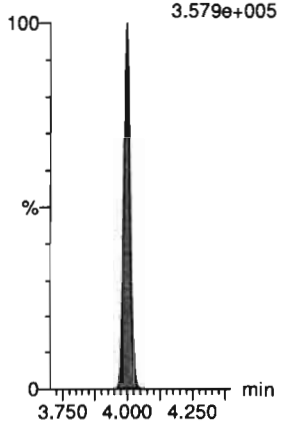
13C4-PFBA



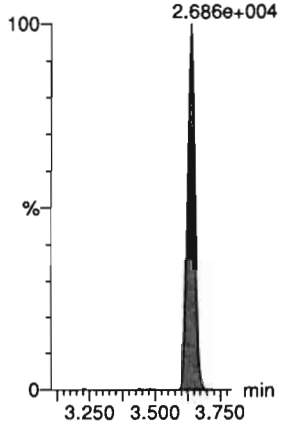
13C5-PFHxA



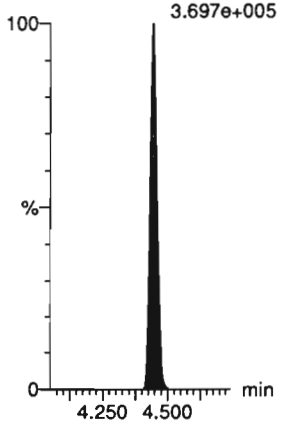
13C8-PFOA



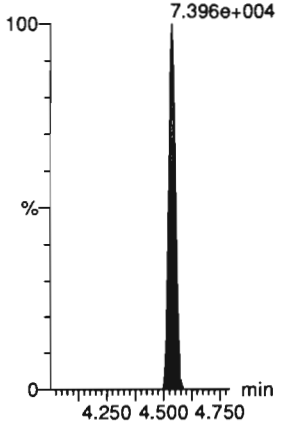
18O2-PFHxS



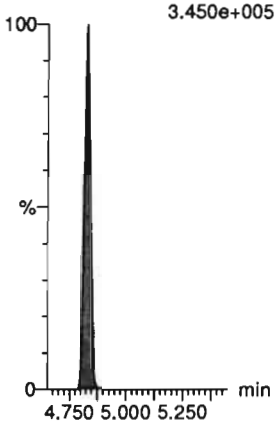
13C9-PFNA



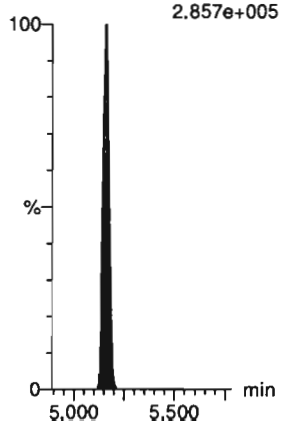
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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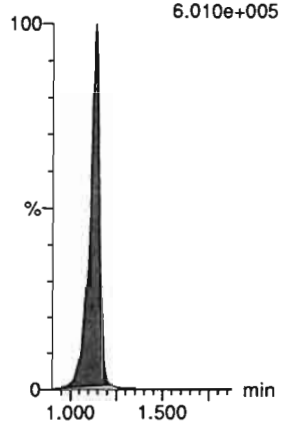
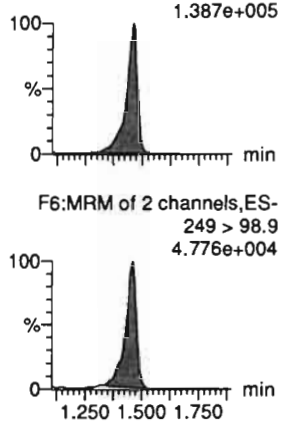
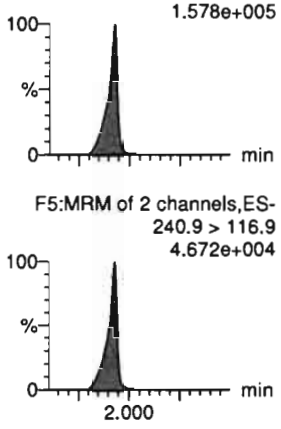
PFBA



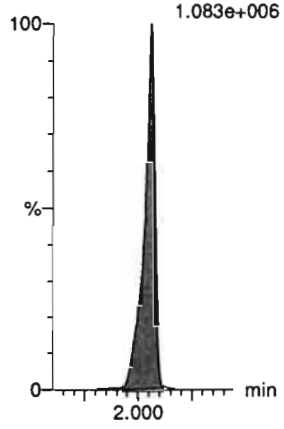
PFPrS



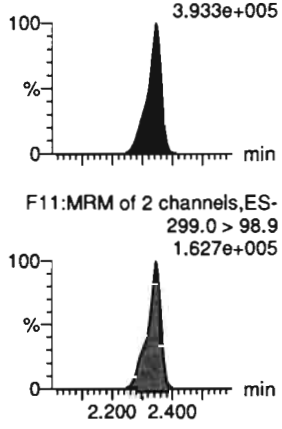
3:3 FTCA



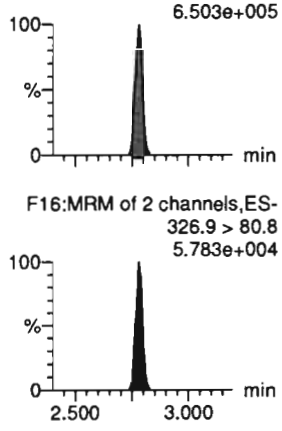
PFPeA



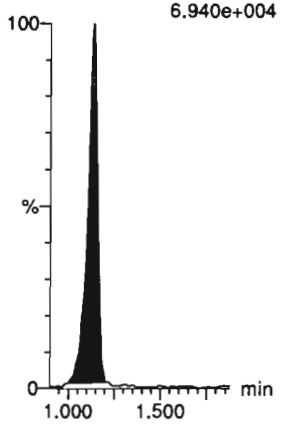
PFBS



4:2 FTS



13C3-PFBA-EIS



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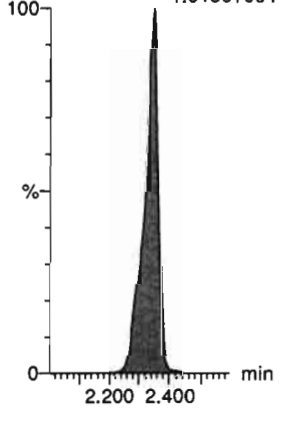

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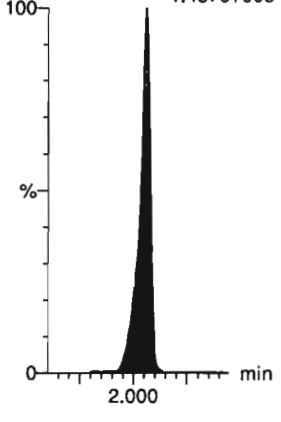

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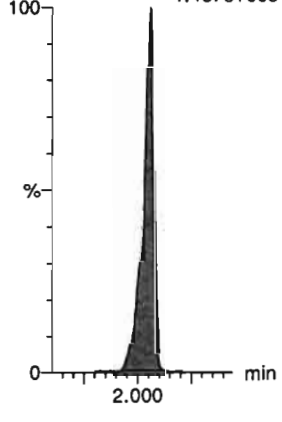

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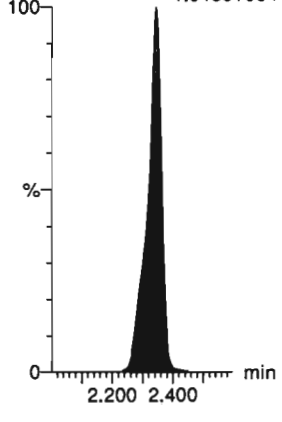
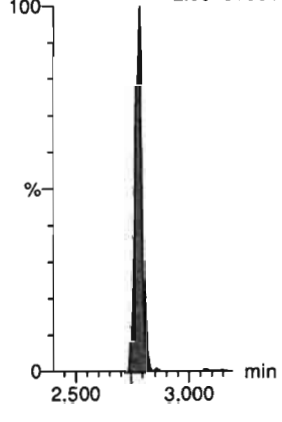


13C2-4:2 FTS-EIS



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Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

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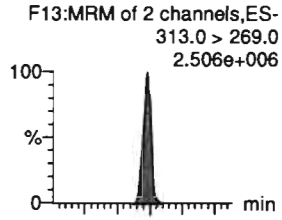

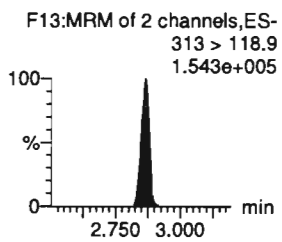

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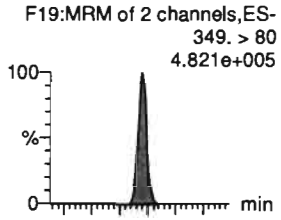

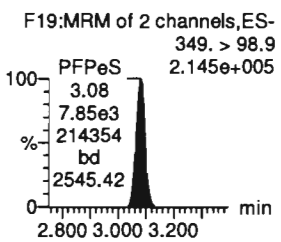

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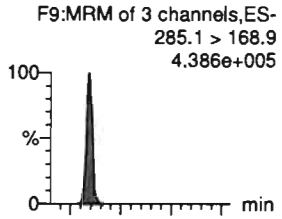

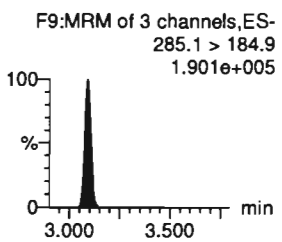

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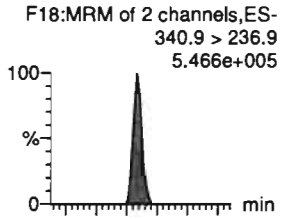

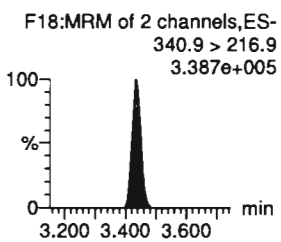

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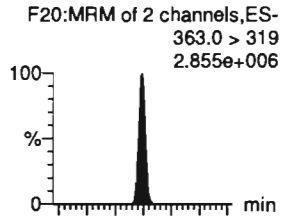

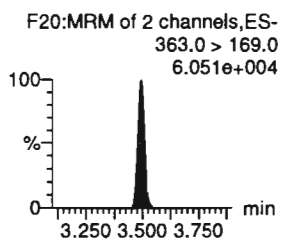

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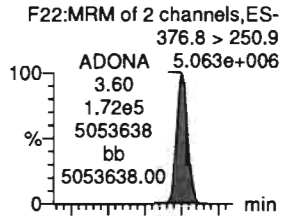

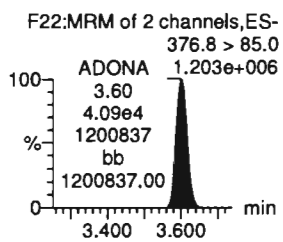

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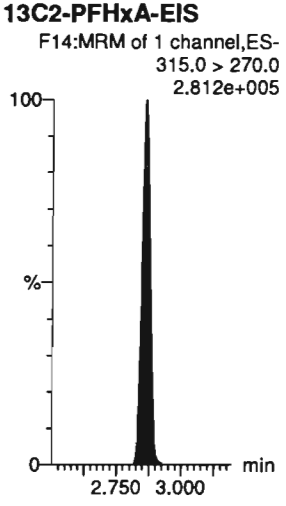

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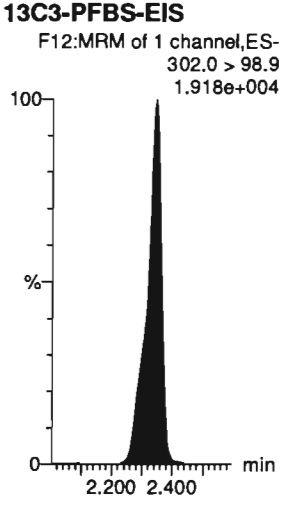

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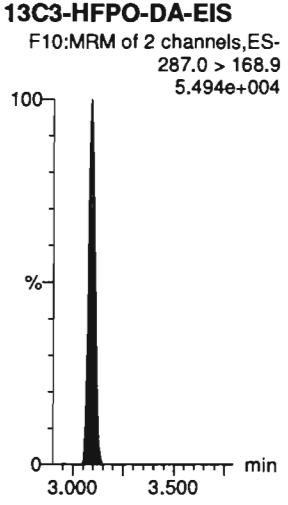

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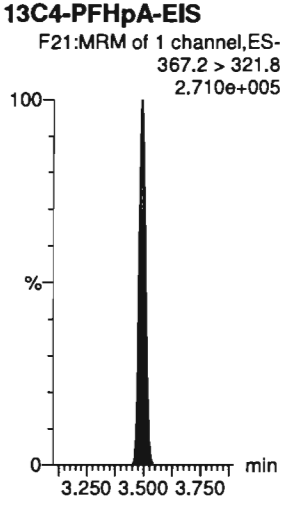

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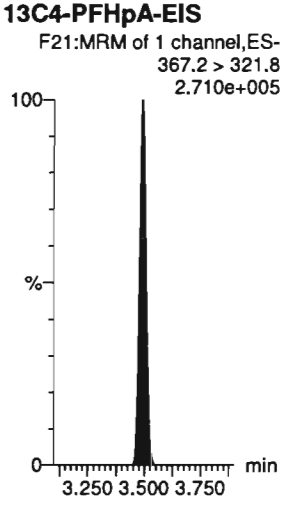

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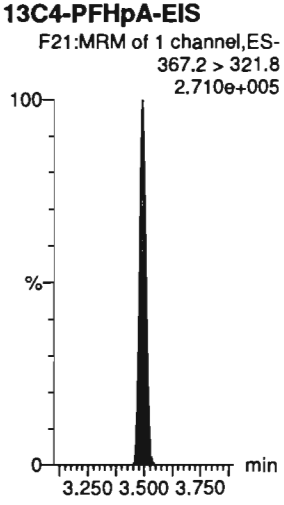

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Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

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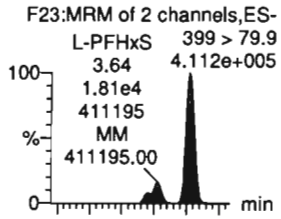
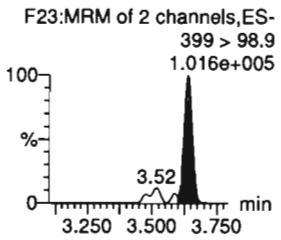
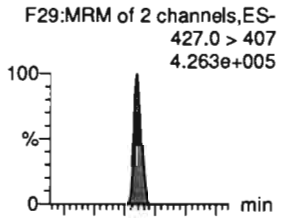
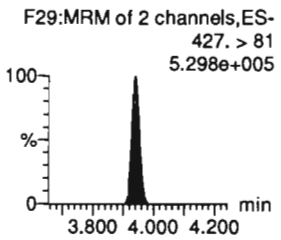




6:2 FTS





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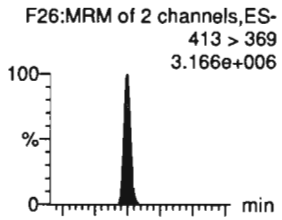

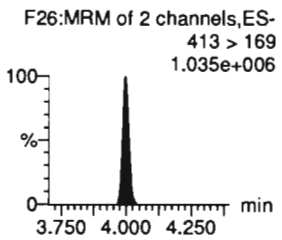

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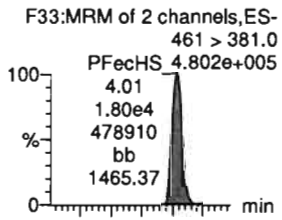

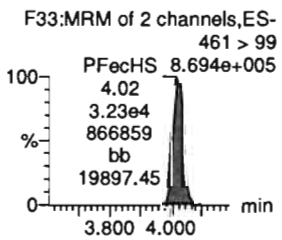

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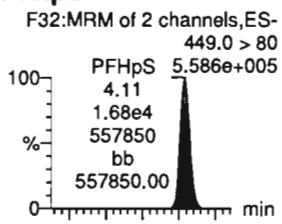
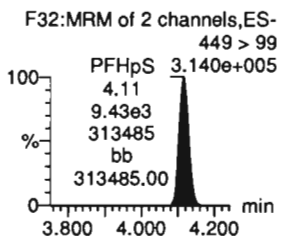
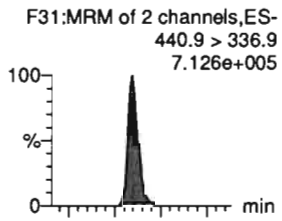
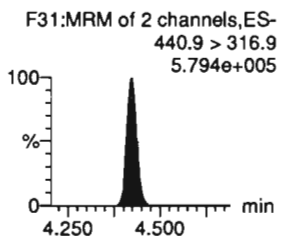




7:3 FTCA





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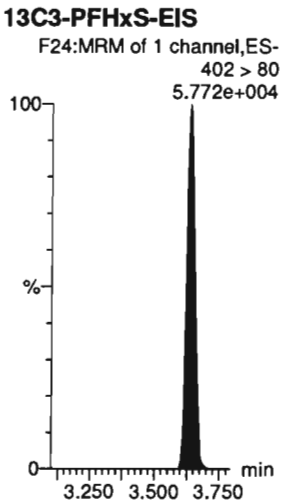

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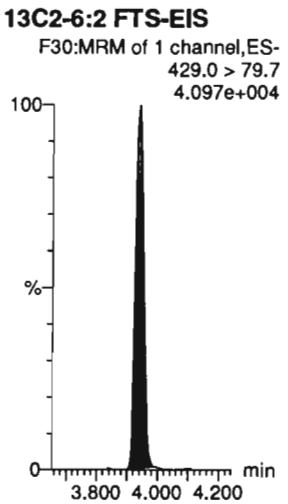

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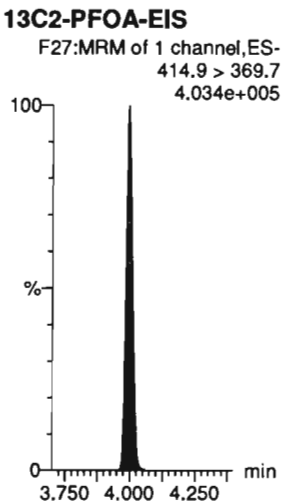

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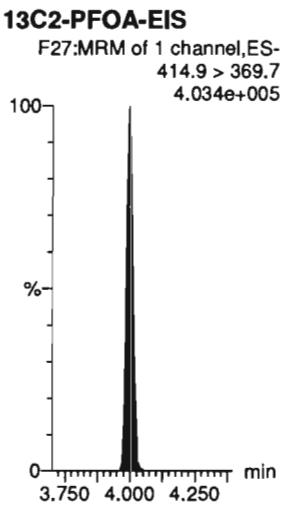

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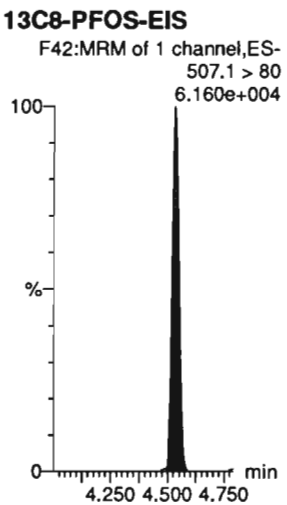

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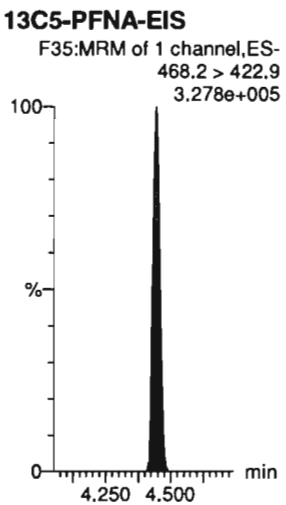

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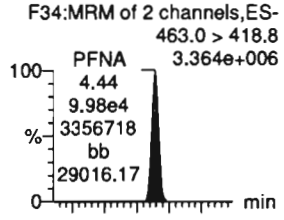

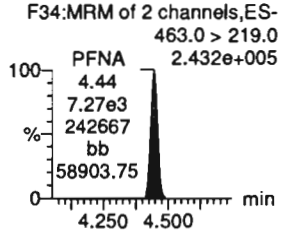

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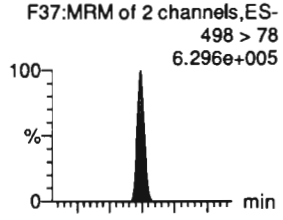
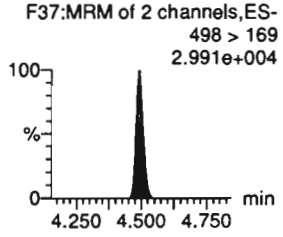
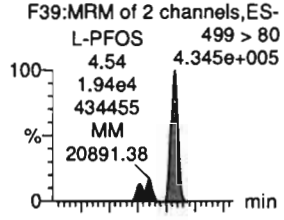
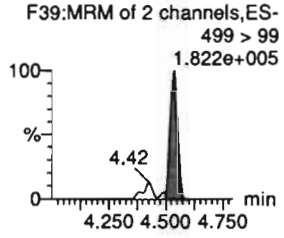




L-PFOS





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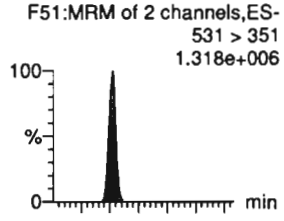

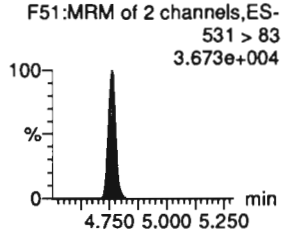

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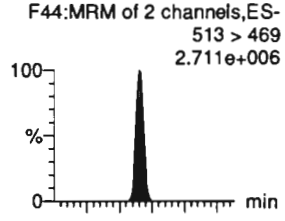
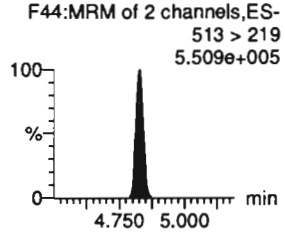
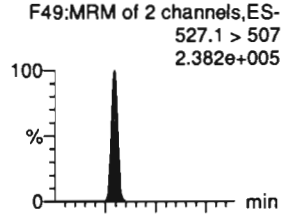
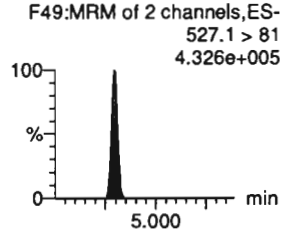


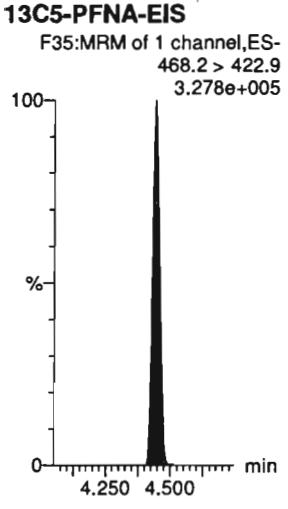


8:2 FTS

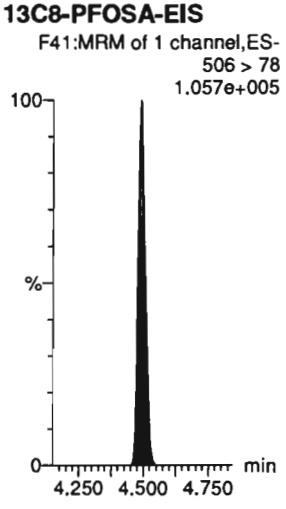




13C5-PFNA-EIS



13C8-PFOSA-EIS



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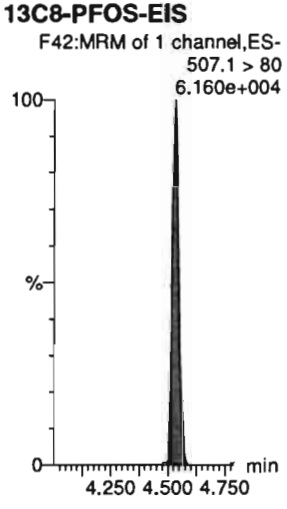

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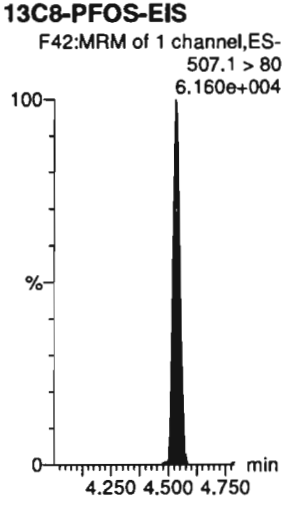
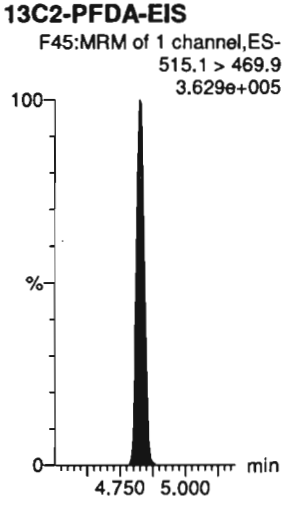
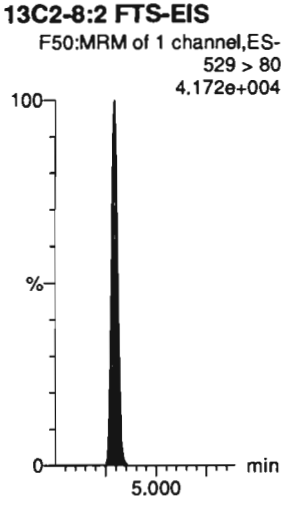


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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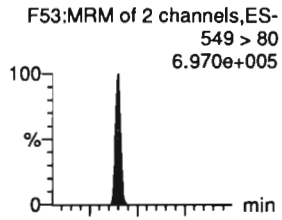
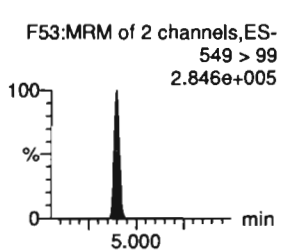
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

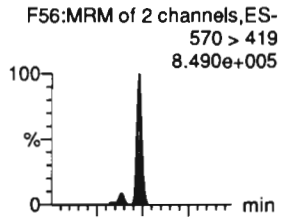
Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

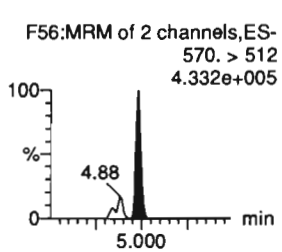
PFNS





L-MeFOSAA





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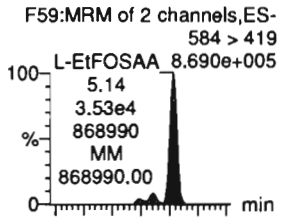

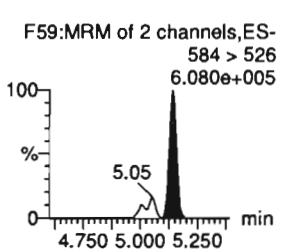

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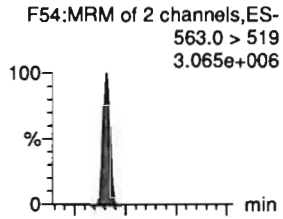

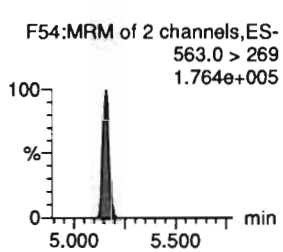

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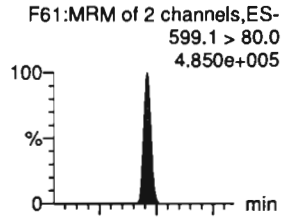

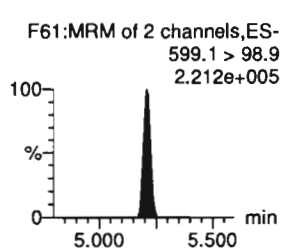

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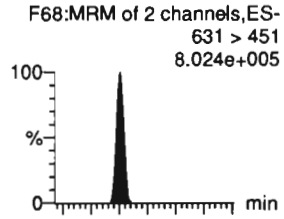
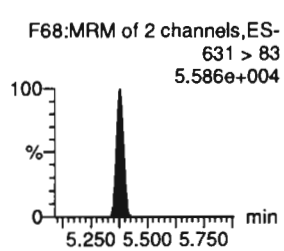
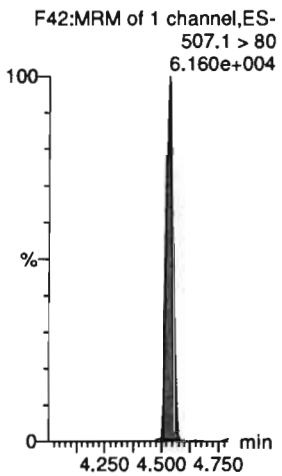
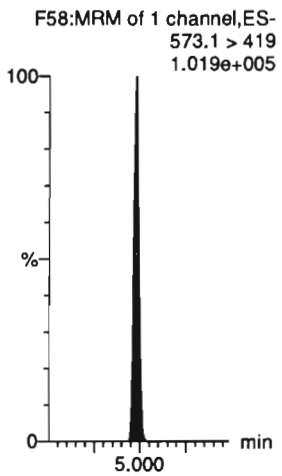




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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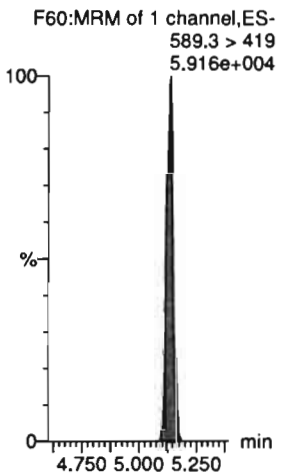
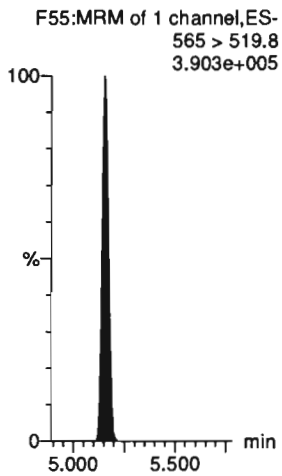
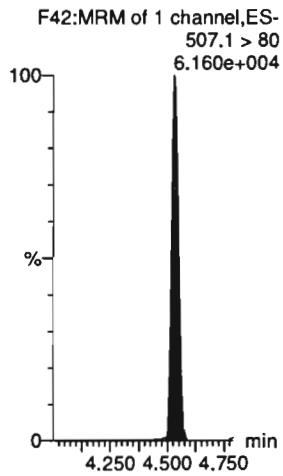


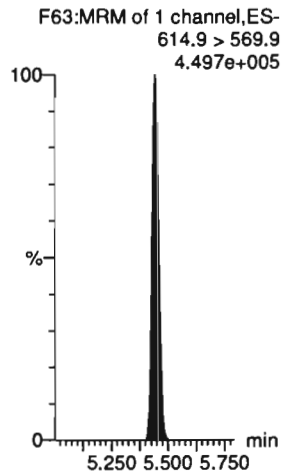
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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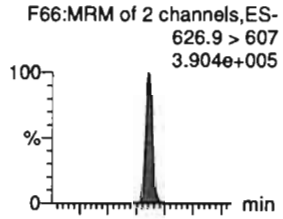
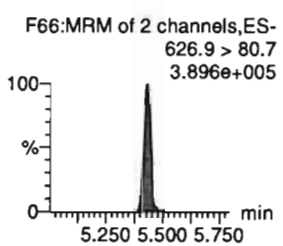
Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

10:2 FTS





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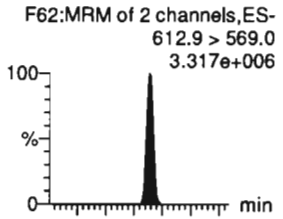
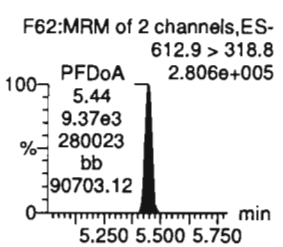
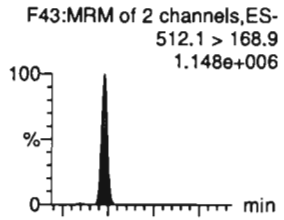
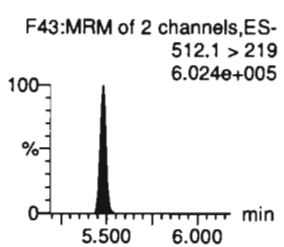




N-MeFOSA





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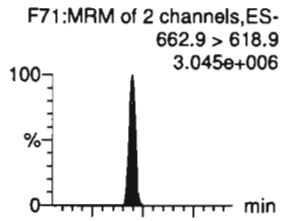

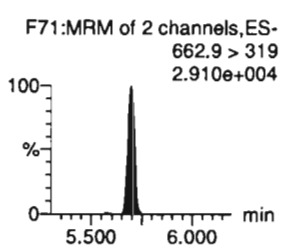

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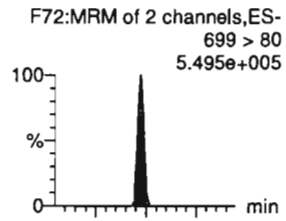
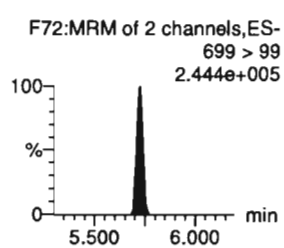
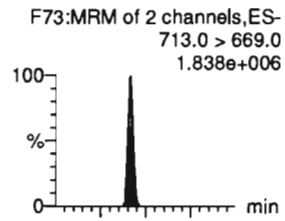
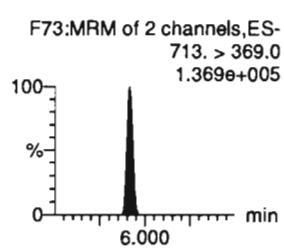


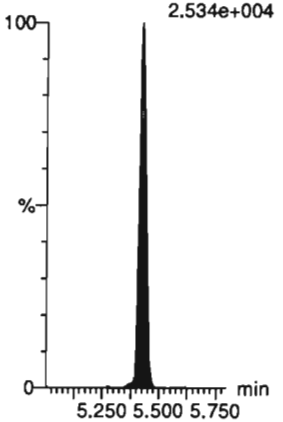


PFTeDA

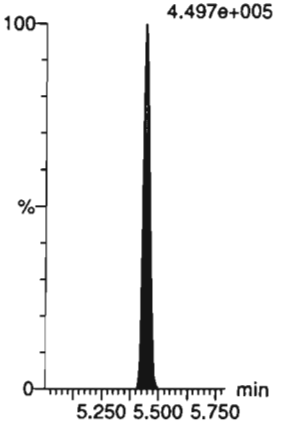




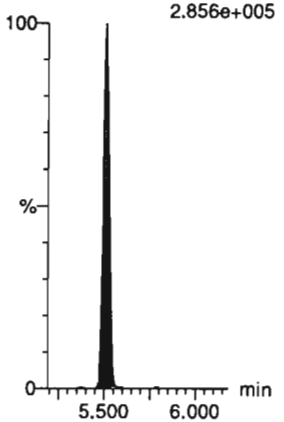
13C2-10:2 FTS-EIS



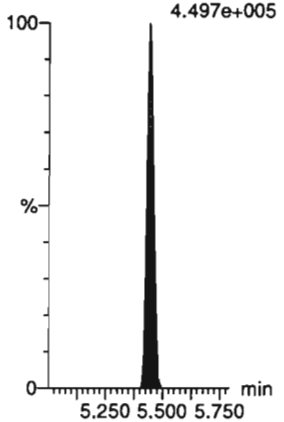
13C2-PFDoA-EIS



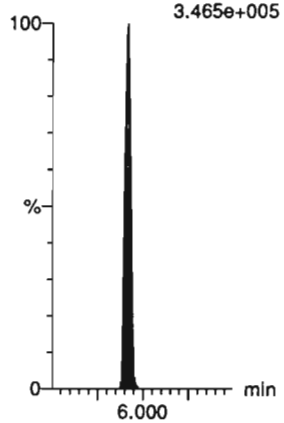
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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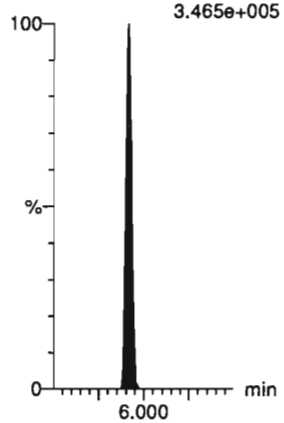

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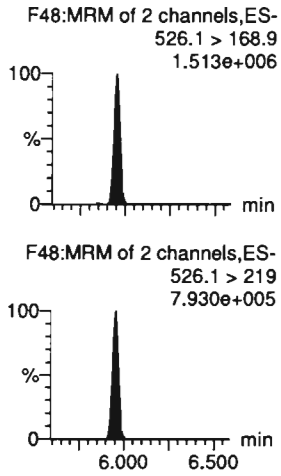
Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

N-EtFOSA



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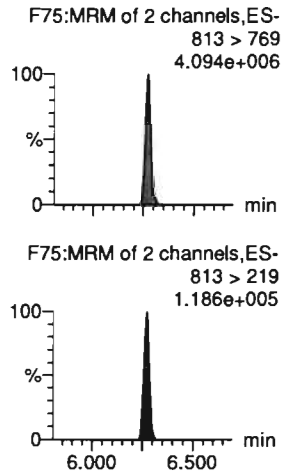

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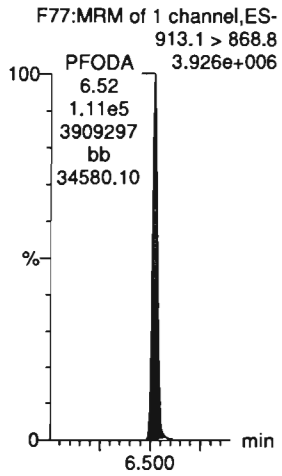
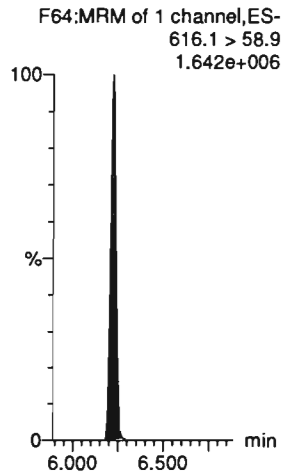
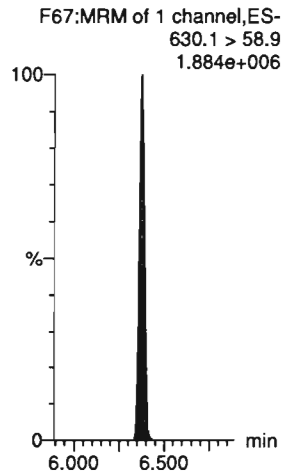


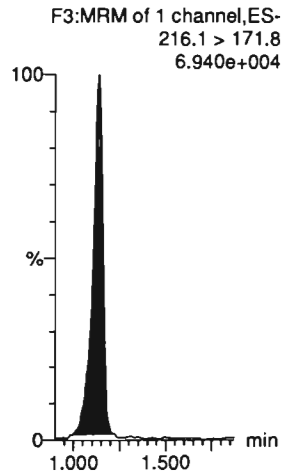
N-MeFOSE



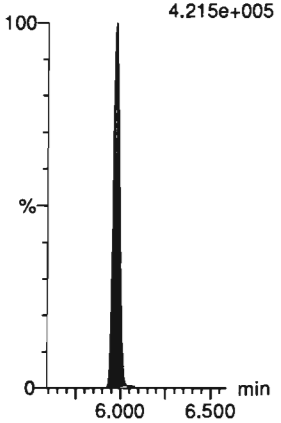
N-EtFOSE



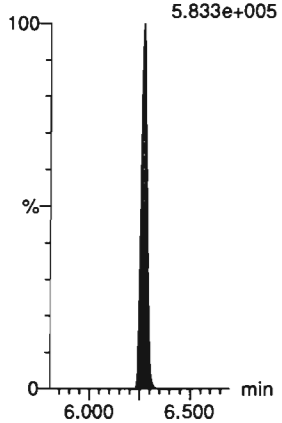
13C3-PFBA-RSD



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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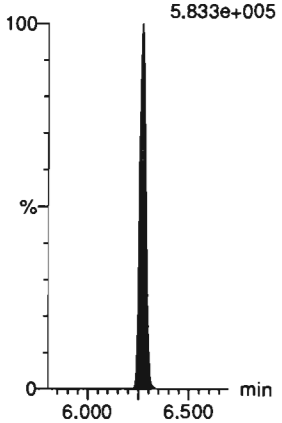
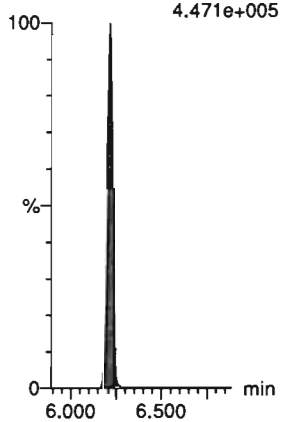
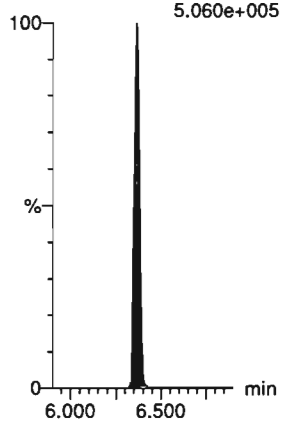


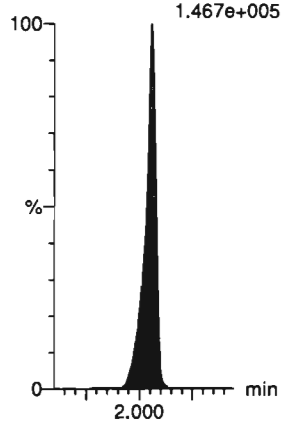
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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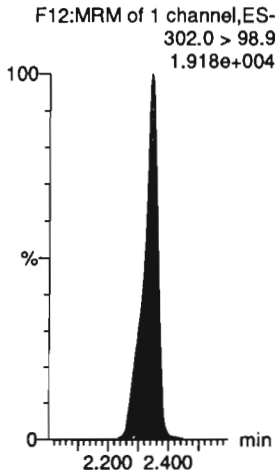
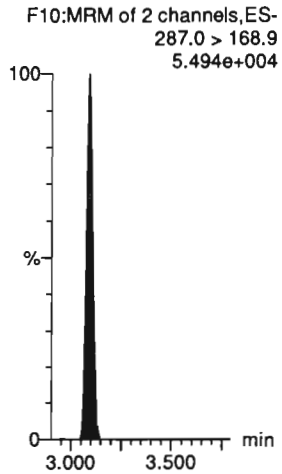
Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

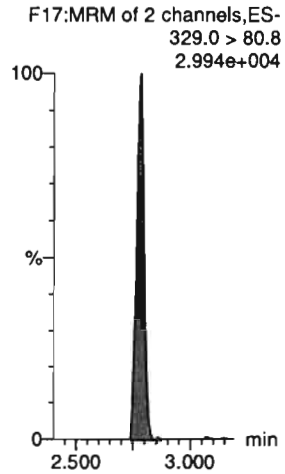
13C3-PFBS-RSD



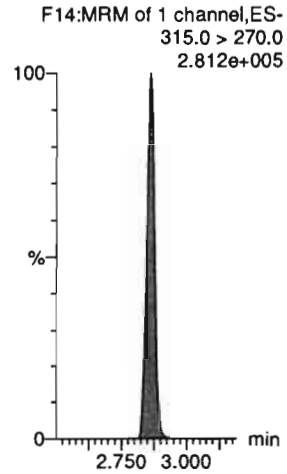
13C3-HFPO-DA-RSD



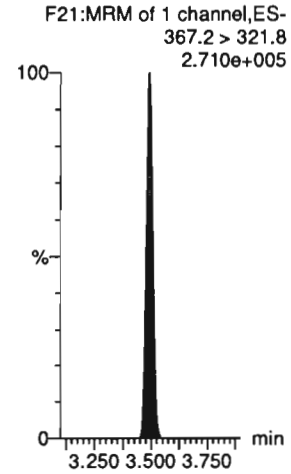
13C2-4:2 FTS-RSD



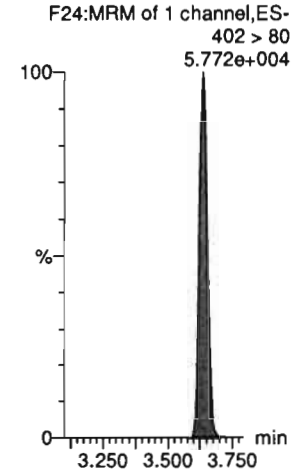
13C2-PFHxA-RSD



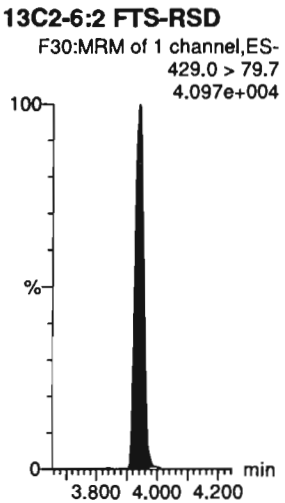
13C4-PFHpA-RSD



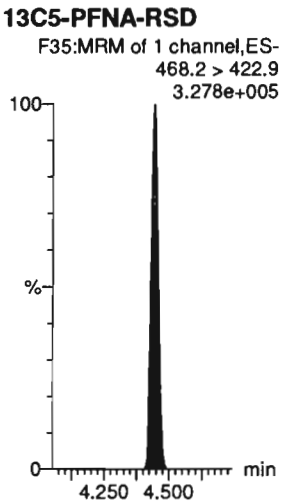
13C3-PFHxS-RSD



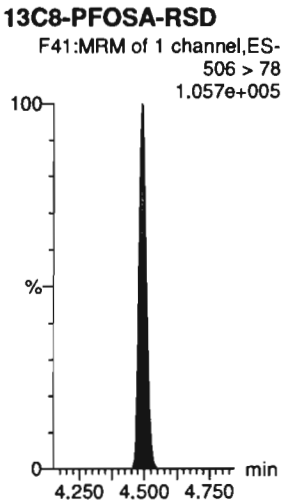
13C2-6:2 FTS-RSD



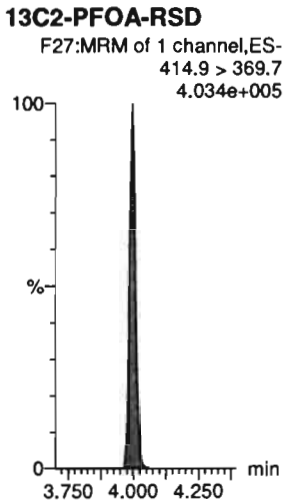
13C5-PFNA-RSD



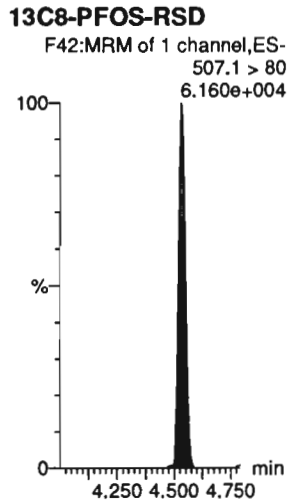
13C8-PFOSA-RSD



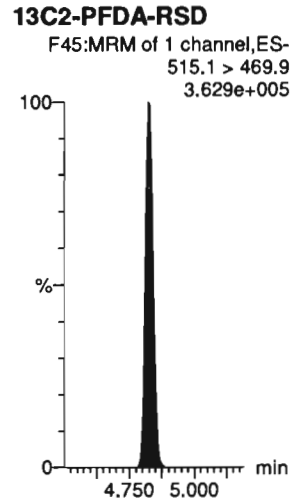
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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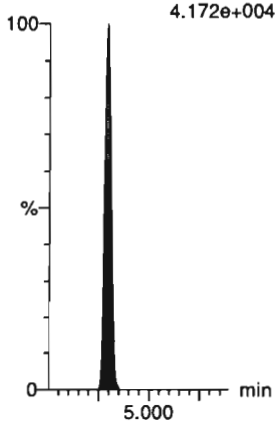
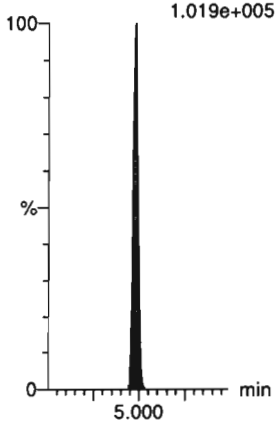
Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

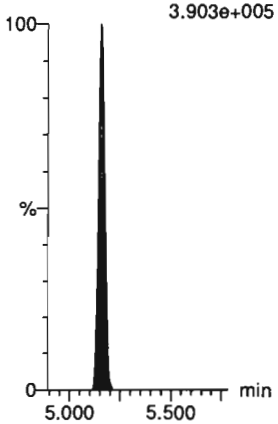
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.172e+004



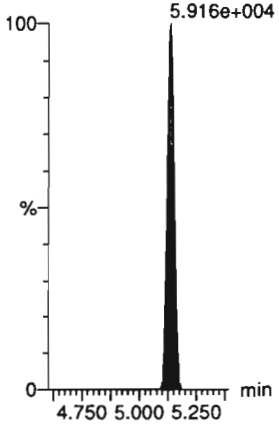
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.019e+005



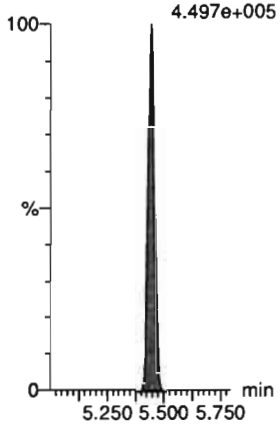
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.903e+005



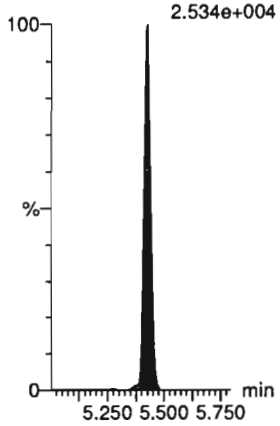
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.916e+004



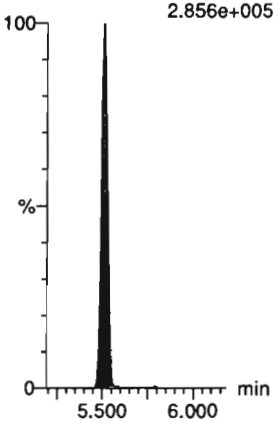
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.497e+005



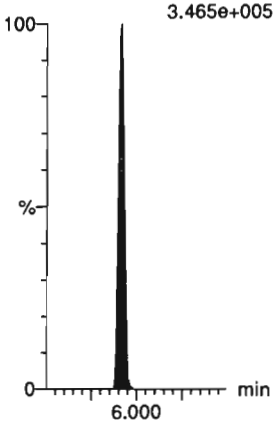
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.534e+004



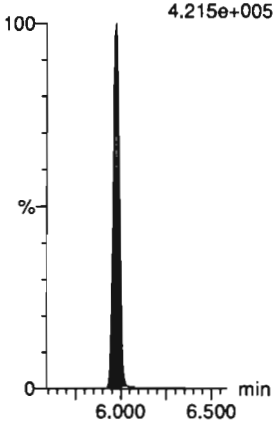
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.856e+005



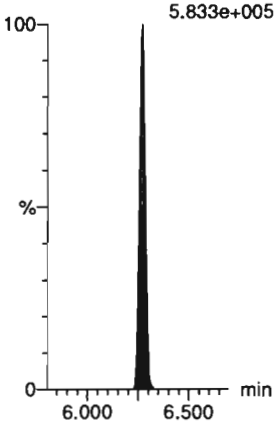
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.465e+005



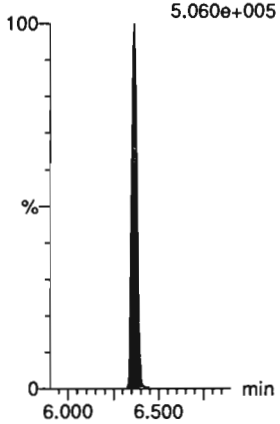
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.215e+005



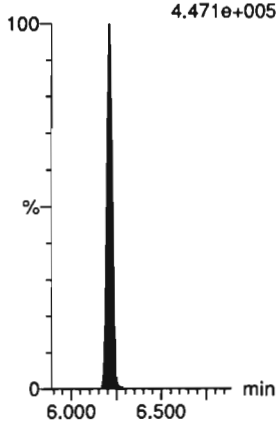
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.833e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.060e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.471e+005



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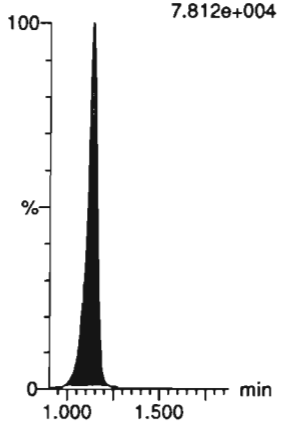
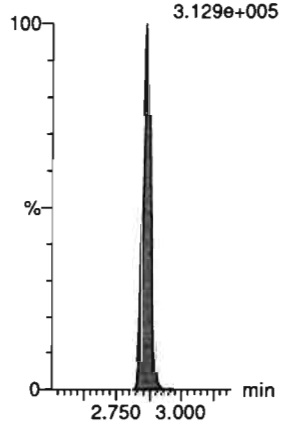
Name: 200612P1-12, Date: 12-Jun-2020, Time: 10:32:53, ID: ST200612P1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

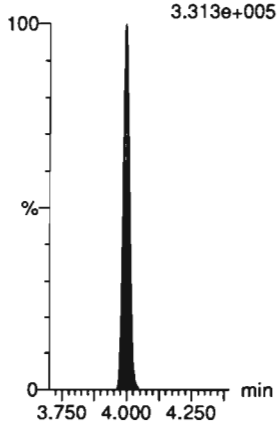
13C4-PFBA



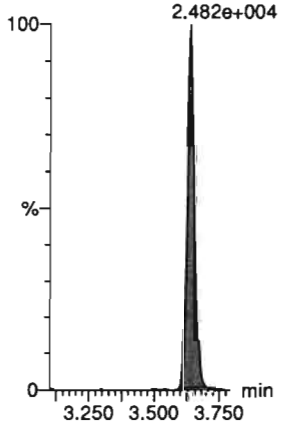
13C5-PFHxA



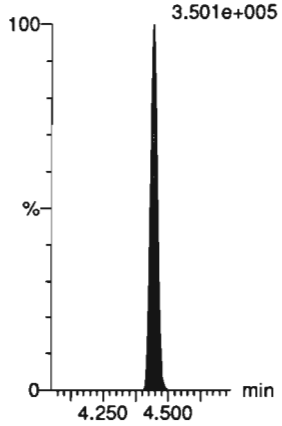
13C8-PFOA



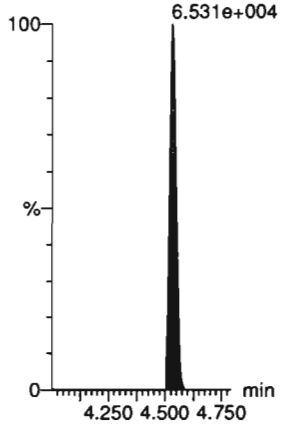
18O2-PFHxS



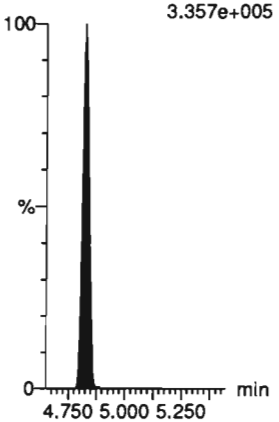
13C9-PFNA



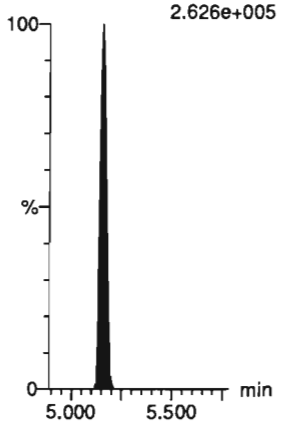
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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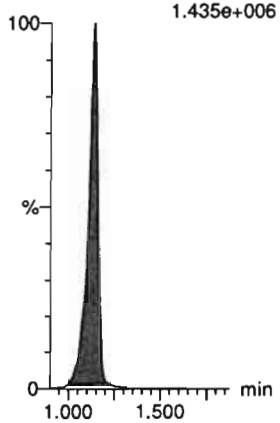
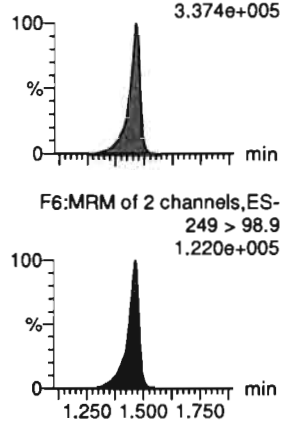
Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

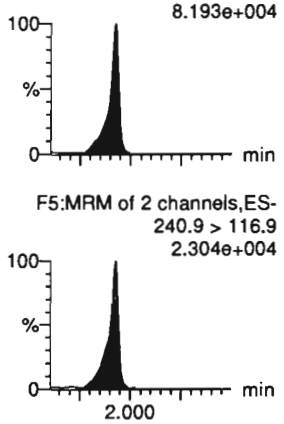
PFBA



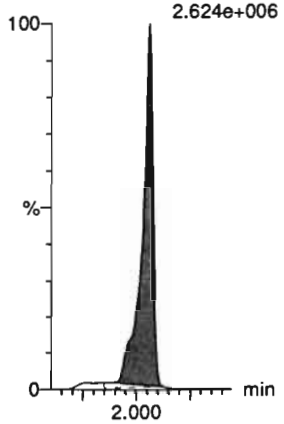
PFPrS



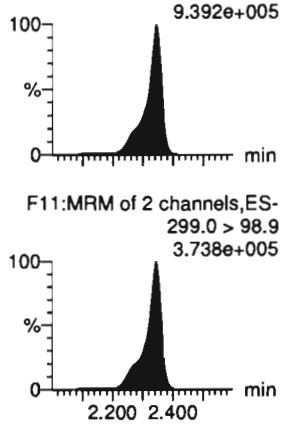
3:3 FTCA



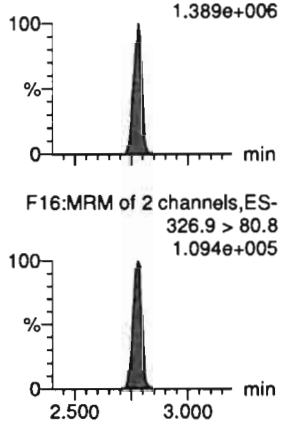
PFPeA



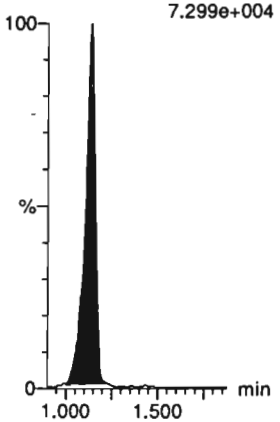
PFBS



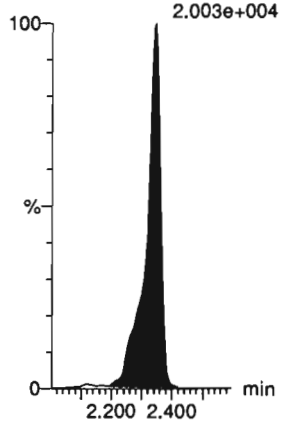
4:2 FTS



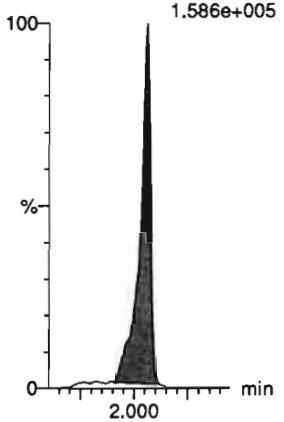
13C3-PFBA-EIS



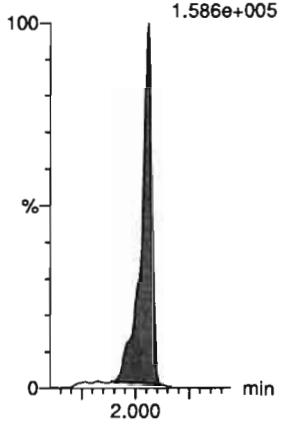
13C3-PFBS-EIS



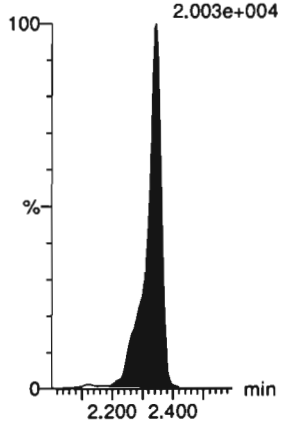
13C3-PFPeA-EIS



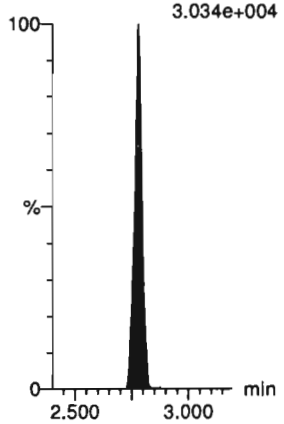
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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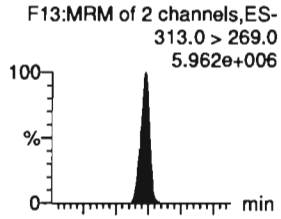
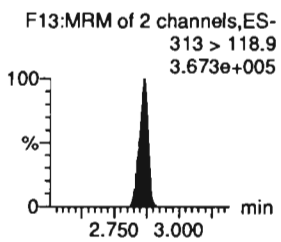
Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

PFHxA





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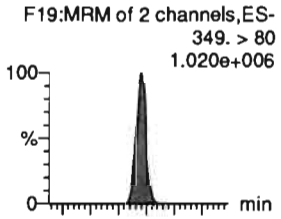
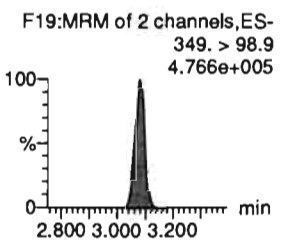
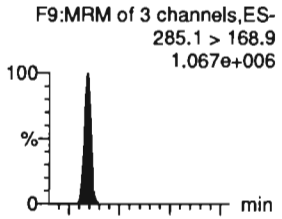
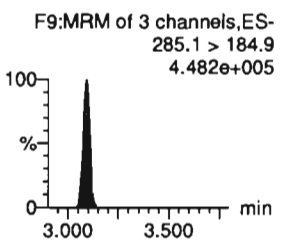


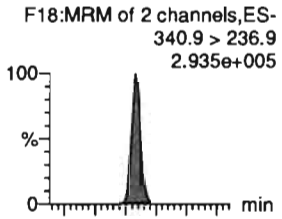


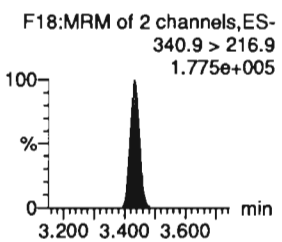
HFPO-DA





5:3 FTCA





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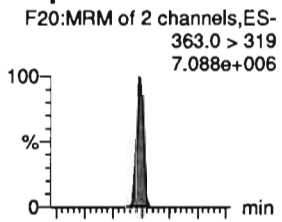

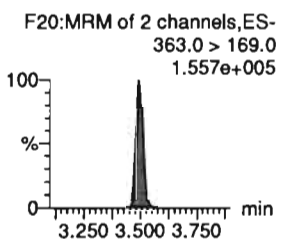

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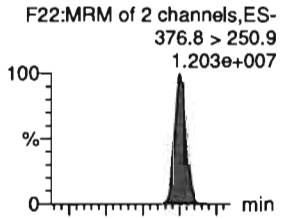
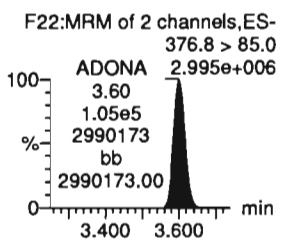
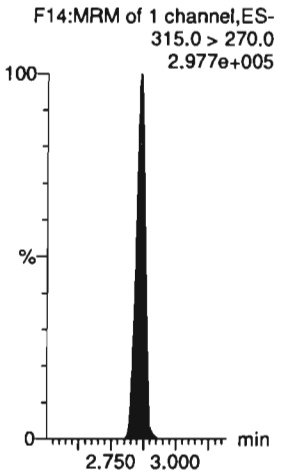
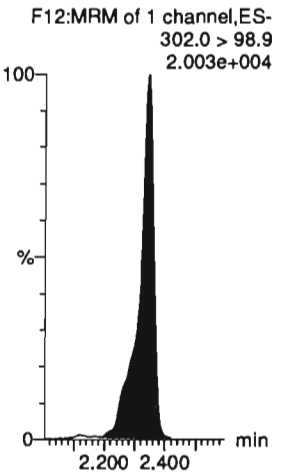




13C2-PFHxA-EIS



13C3-PFBS-EIS



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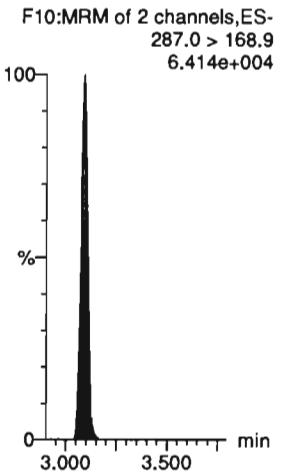
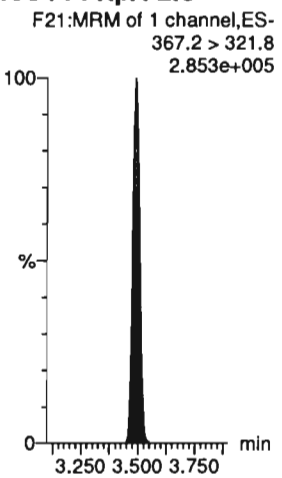


13C4-PFHpA-EIS



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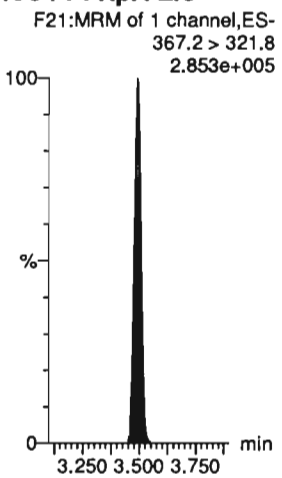

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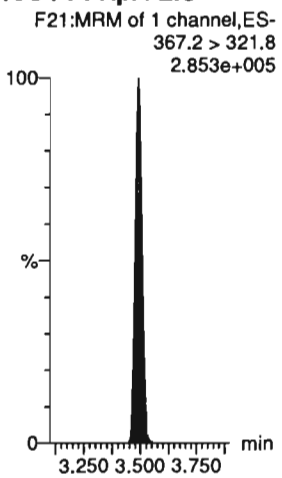

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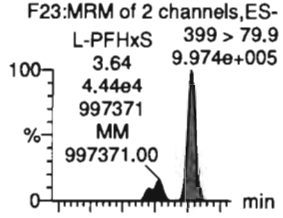
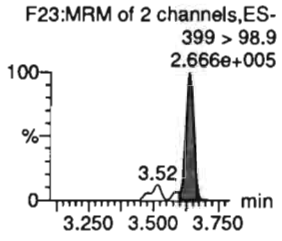
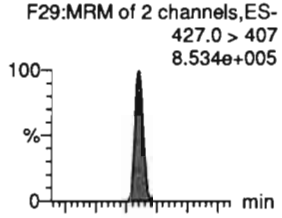
Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

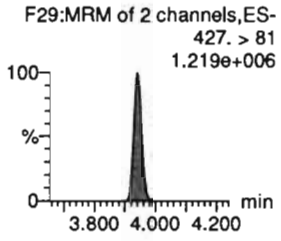
L-PFHxS



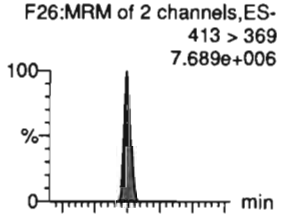


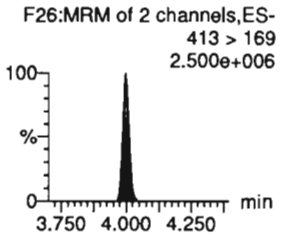
6:2 FTS





L-PFOA





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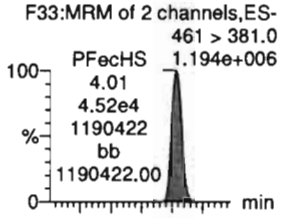

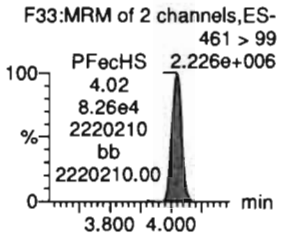

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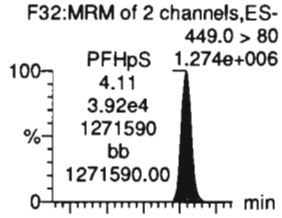
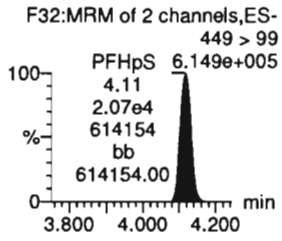
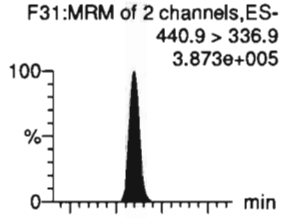
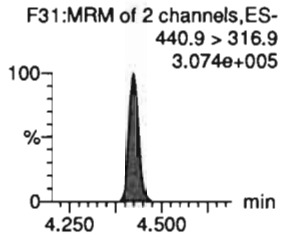




7:3 FTCA





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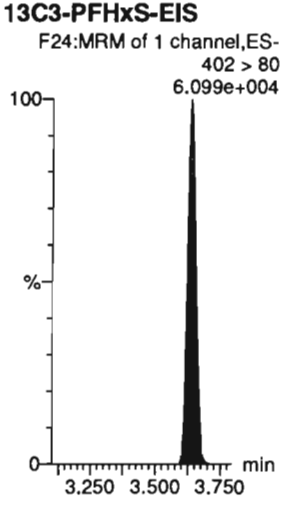

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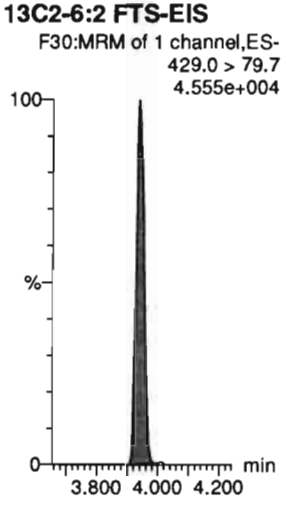

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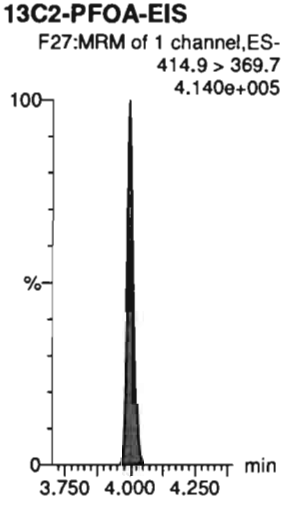

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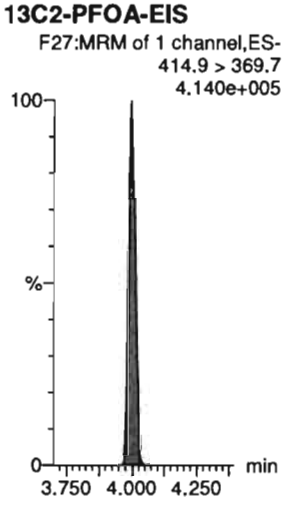
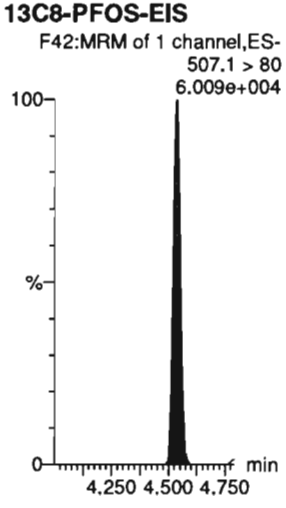
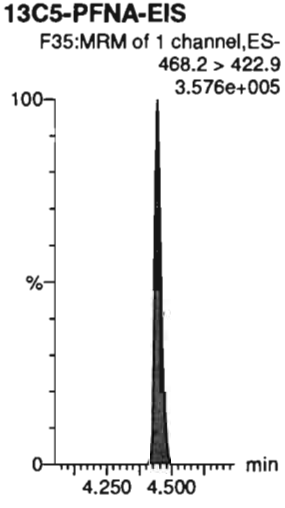


13C8-PFOS-EIS



13C5-PFNA-EIS



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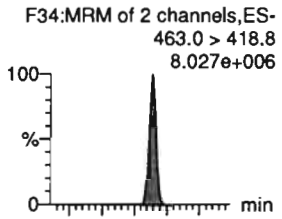
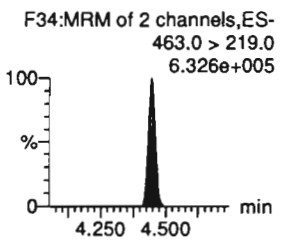
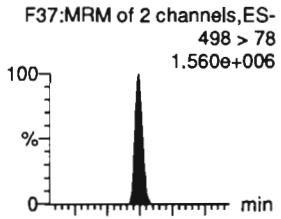
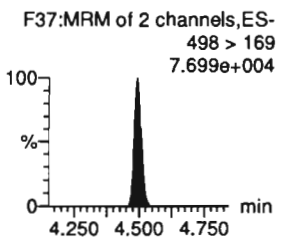


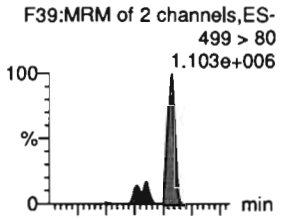


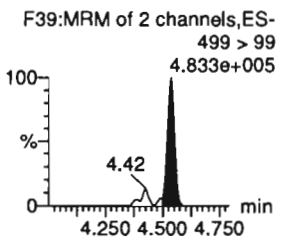
PFOSA



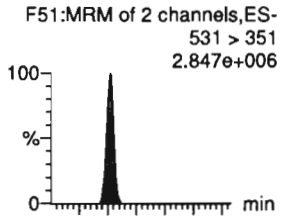


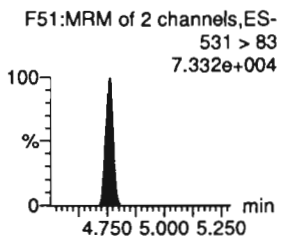
L-PFOS





9Cl-PF30NS





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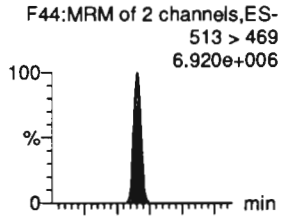
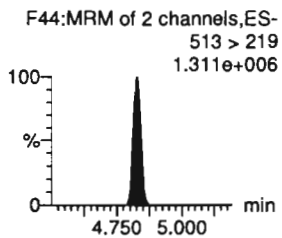
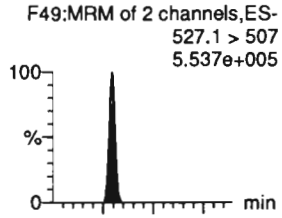
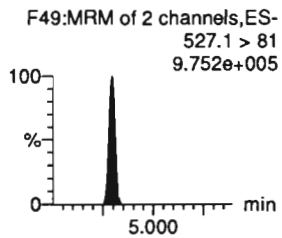


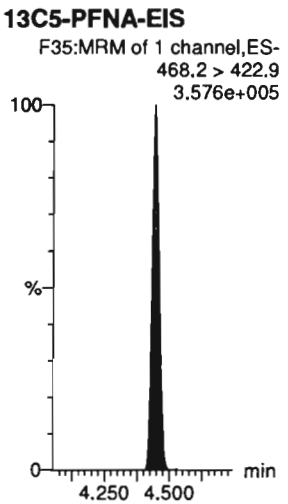


8:2 FTS

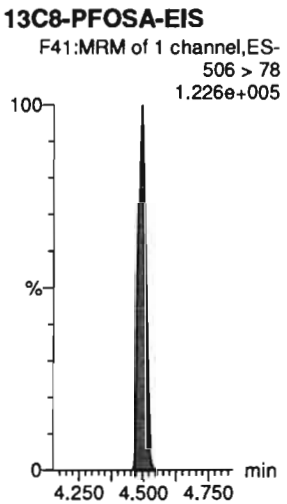




13C5-PFNA-EIS



13C8-PFOSA-EIS



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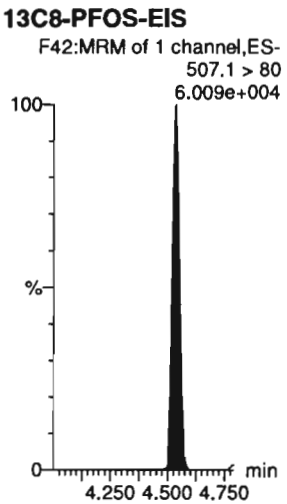

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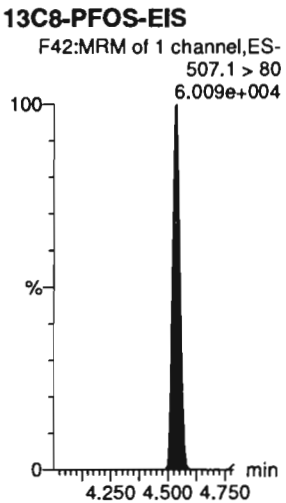

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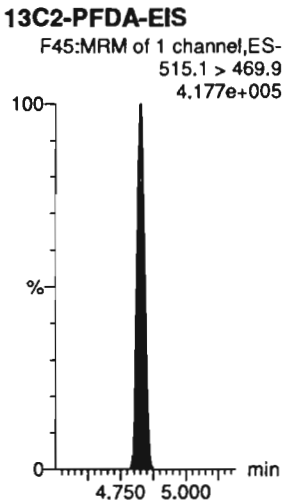
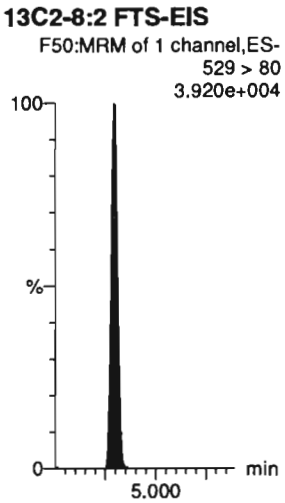


13C2-8:2 FTS-EIS



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Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

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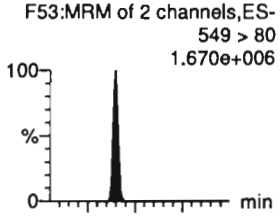

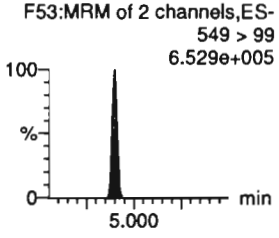

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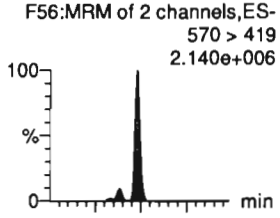

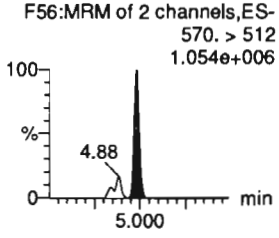

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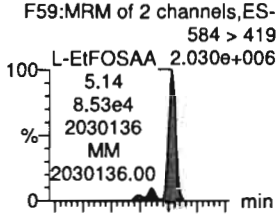

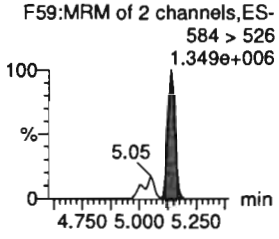

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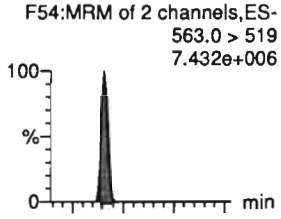

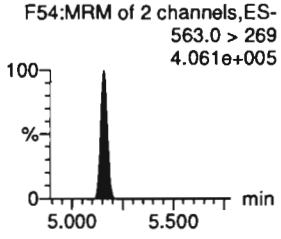

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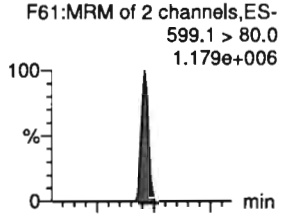

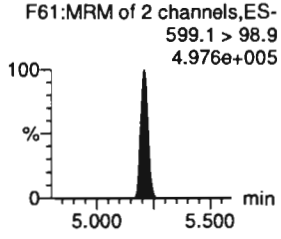

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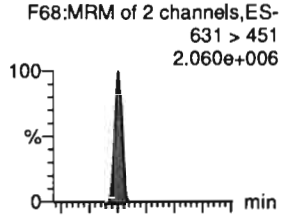

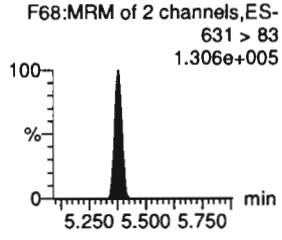

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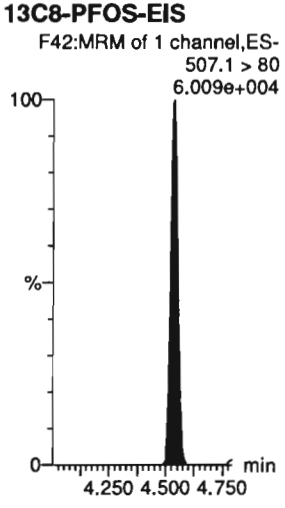
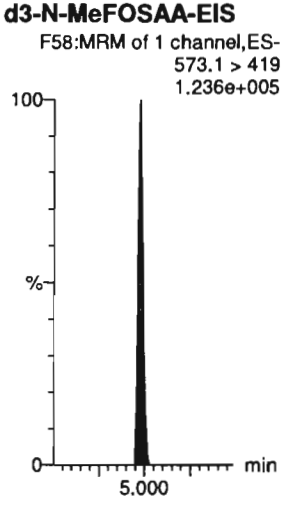


d3-N-MeFOSAA-EIS



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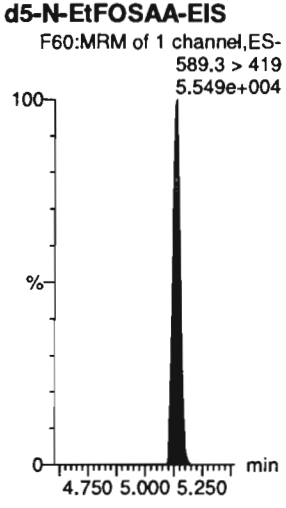

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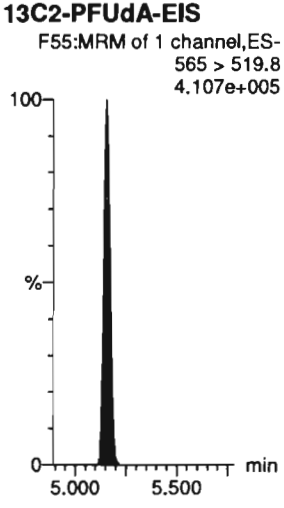
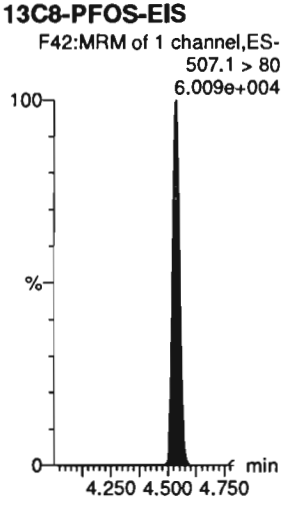


13C8-PFOS-EIS



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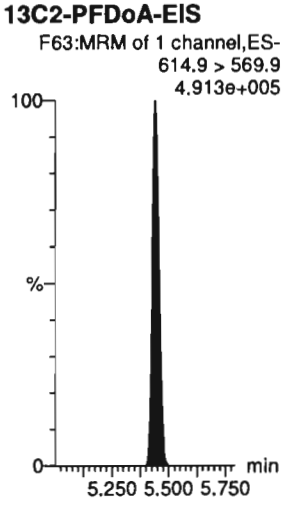

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Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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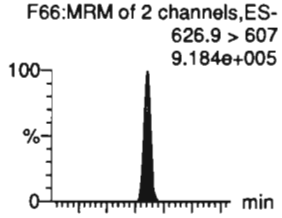
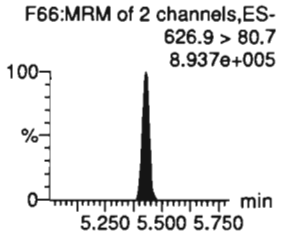
Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

10:2 FTS





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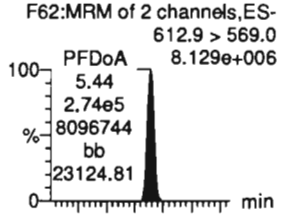

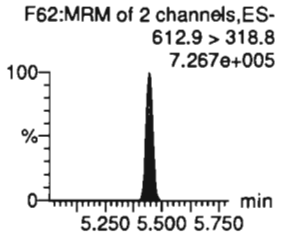

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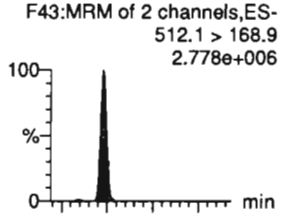

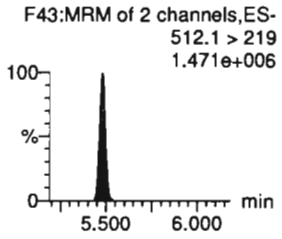

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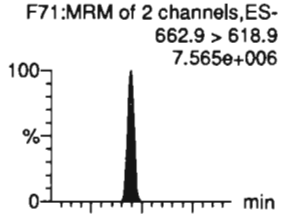

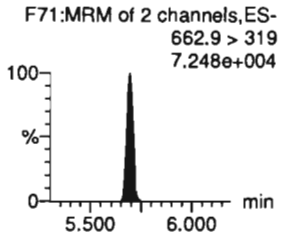

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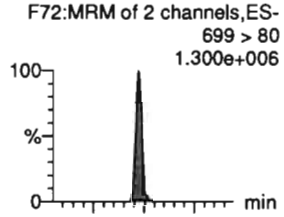

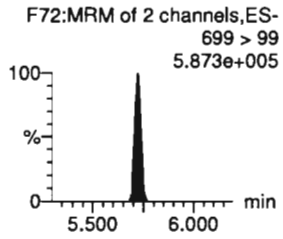

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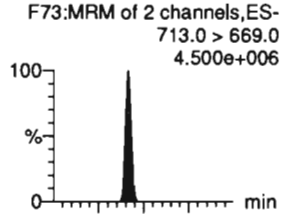

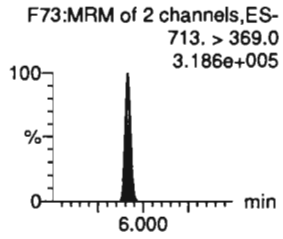

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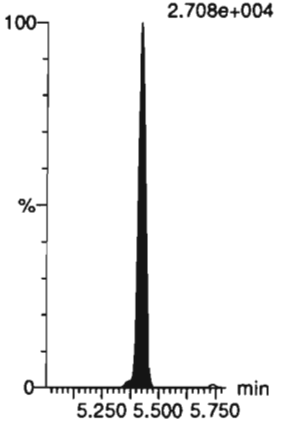

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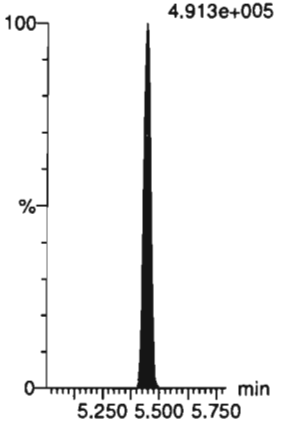

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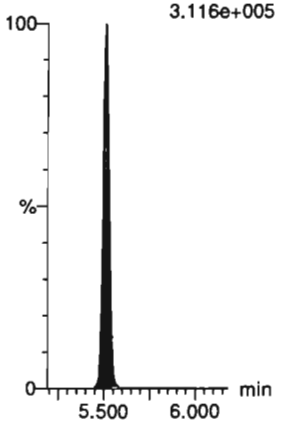

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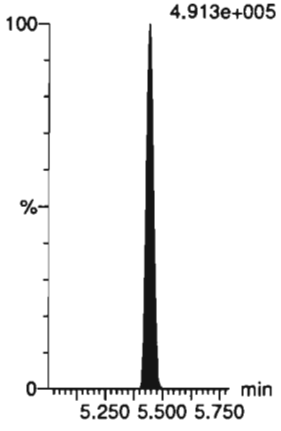

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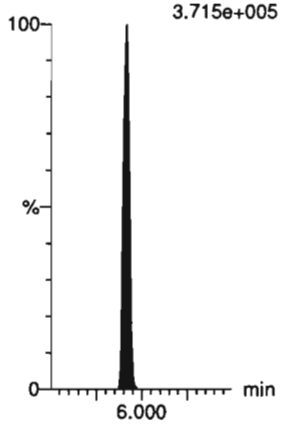

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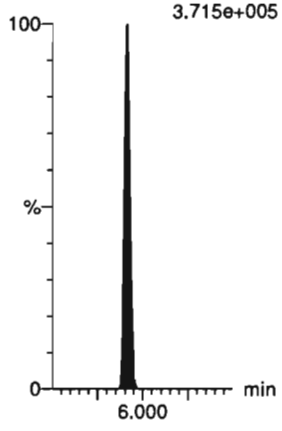

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Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

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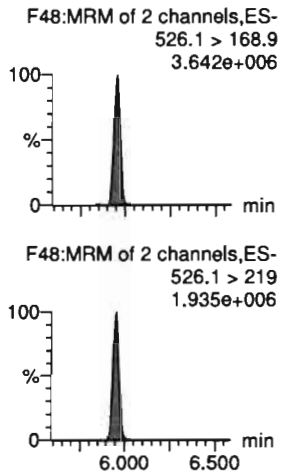

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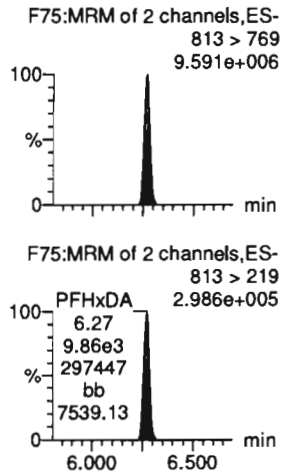

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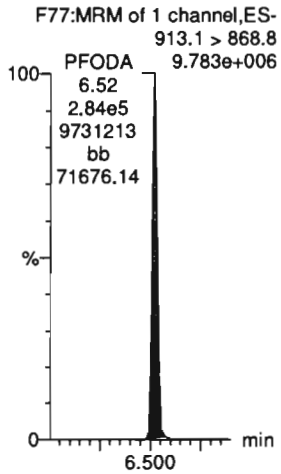

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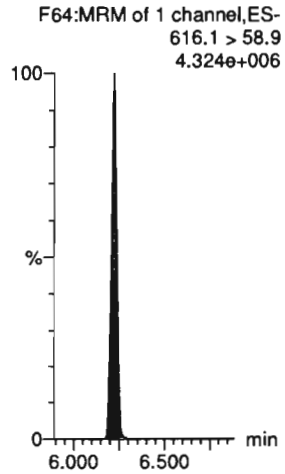

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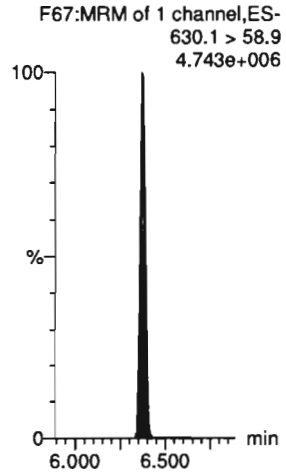

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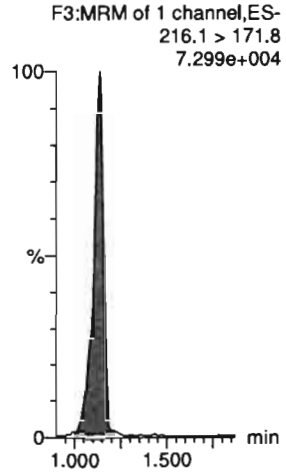
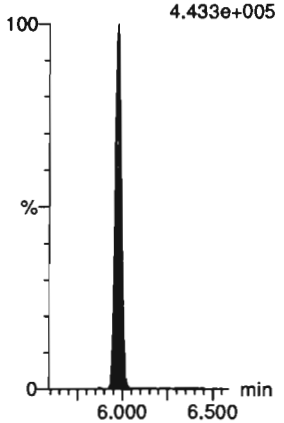


d5-N-ETFOSA-EIS



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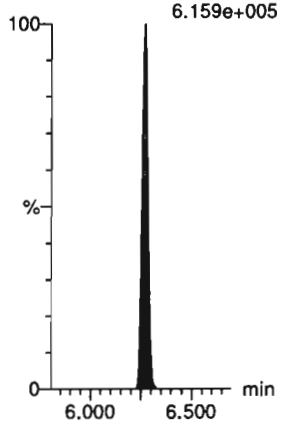

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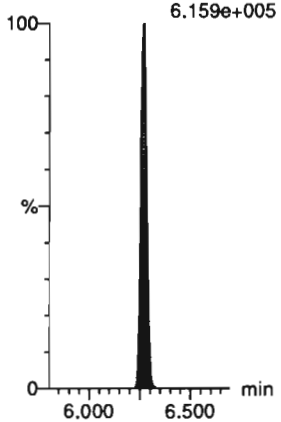

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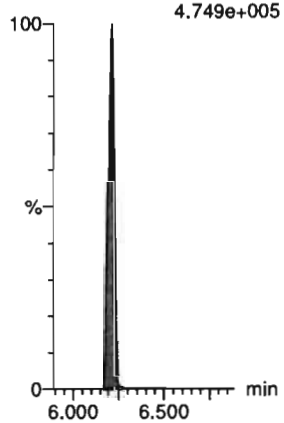

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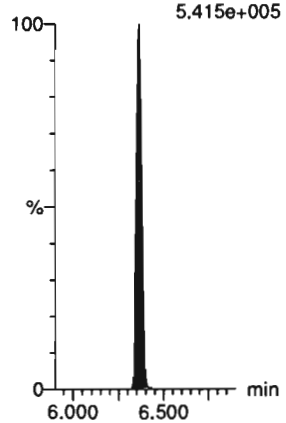

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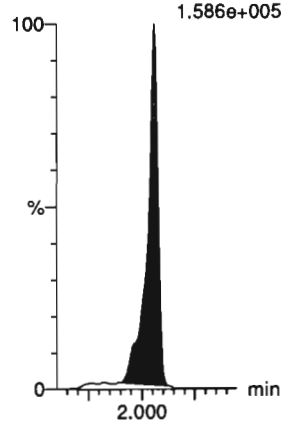

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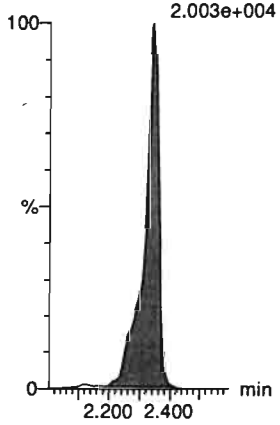
Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

13C3-PFBS-RSD



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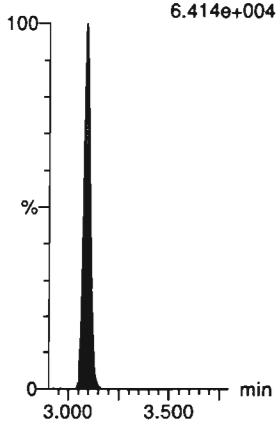

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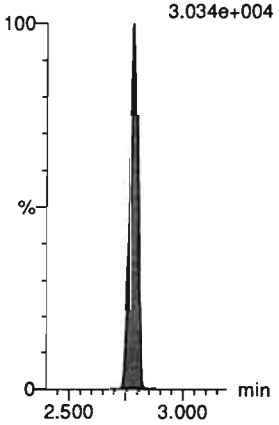

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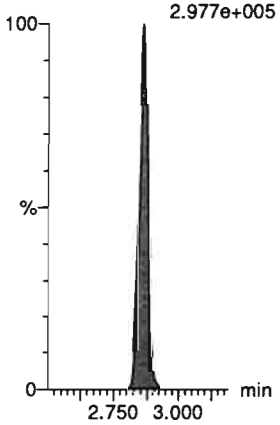
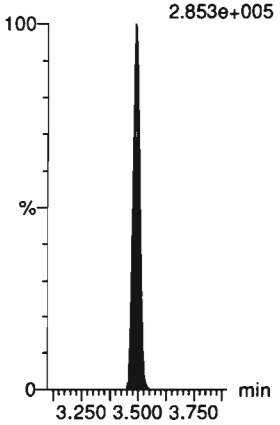
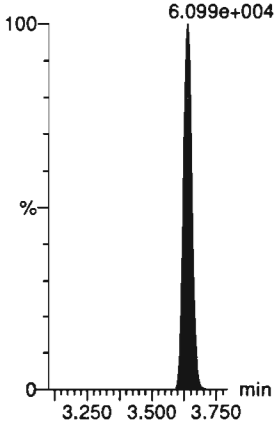


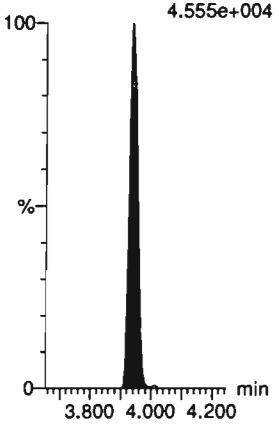
13C4-PFHpA-RSD



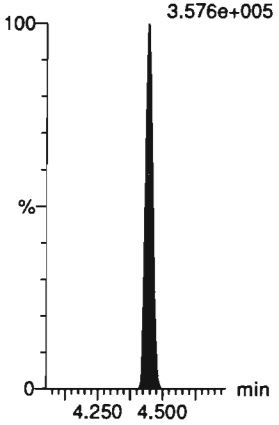
13C3-PFHxS-RSD



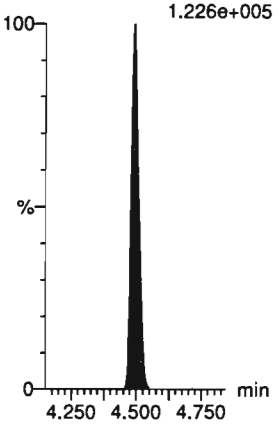
13C2-6:2 FTS-RSD



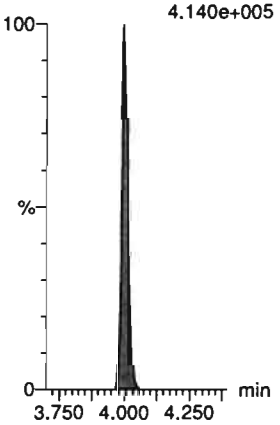
13C5-PFNA-RSD



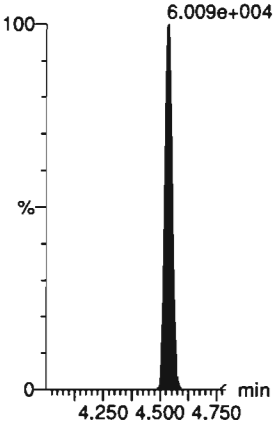
13C8-PFOSA-RSD



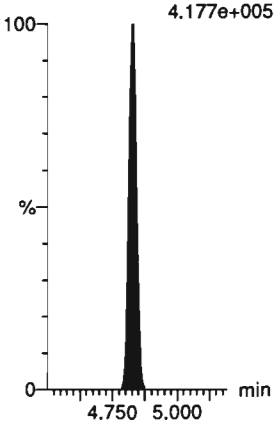
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD

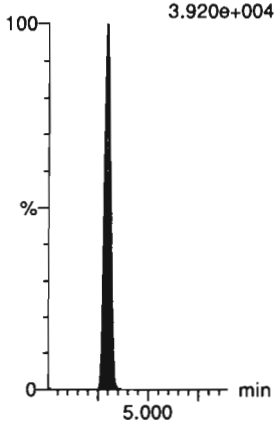


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

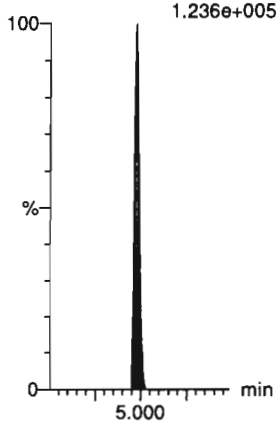
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

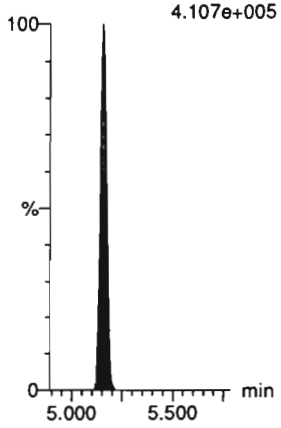
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.920e+004



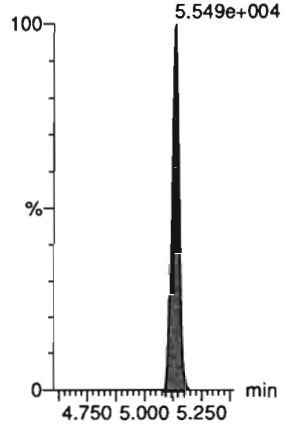
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.236e+005



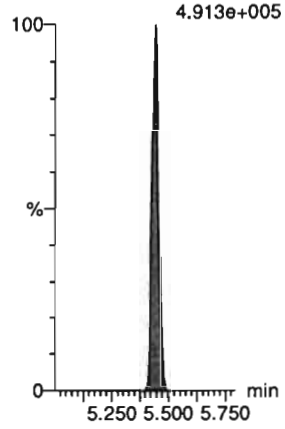
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.107e+005



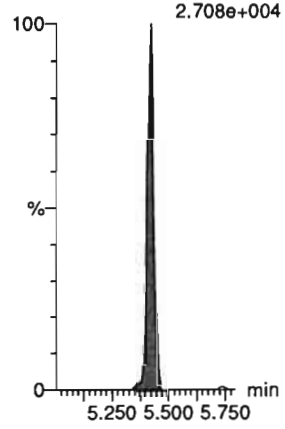
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.549e+004



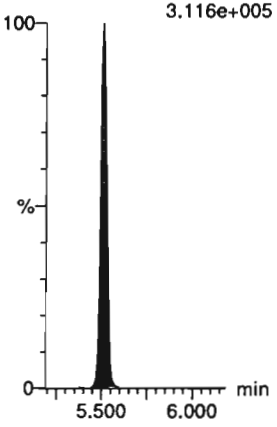
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.913e+005



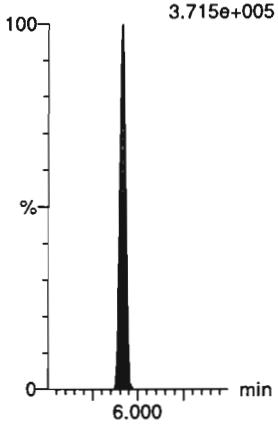
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.708e+004



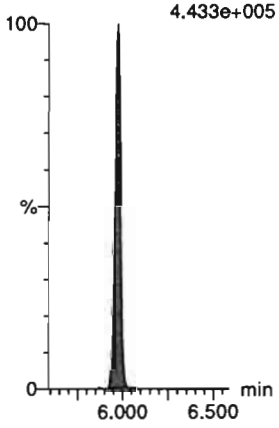
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.116e+005



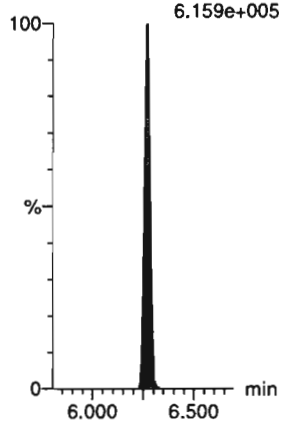
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.715e+005



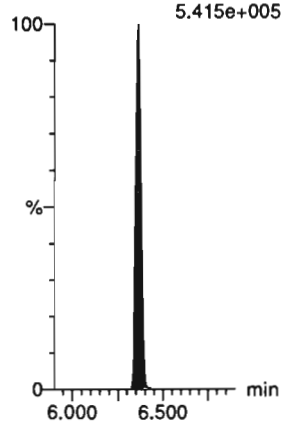
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.433e+005



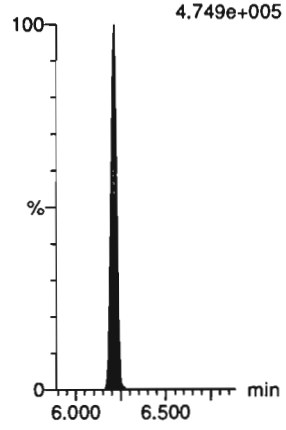
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.159e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.415e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.749e+005

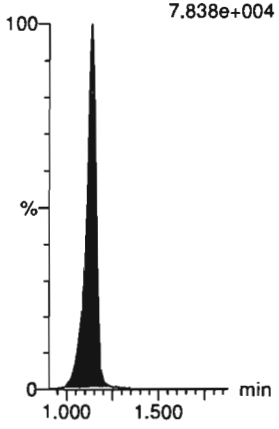


Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

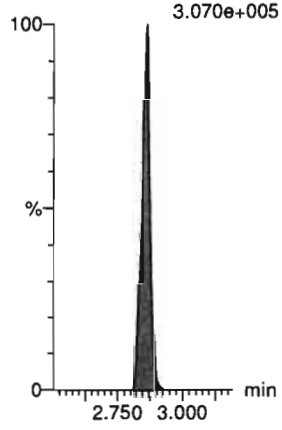
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

Name: 200612P1-13, Date: 12-Jun-2020, Time: 10:43:24, ID: ST200612P1-9 PFC CS6 20E2709, Description: PFC CS6 20E2709

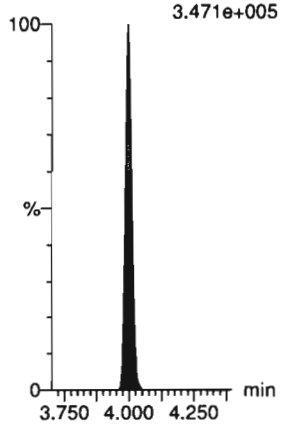
13C4-PFBA



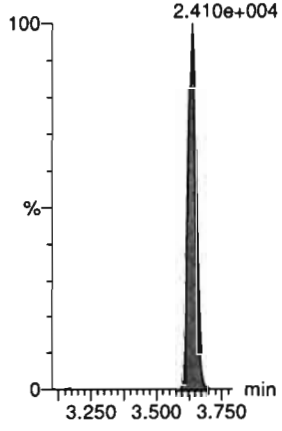
13C5-PFHxA



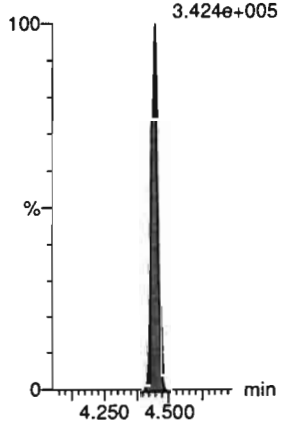
13C8-PFOA



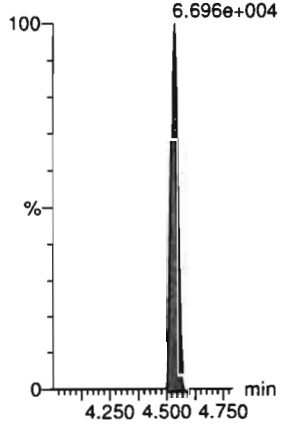
18O2-PFHxS



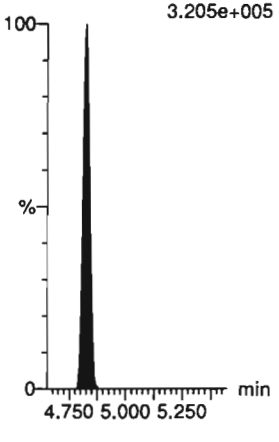
13C9-PFNA



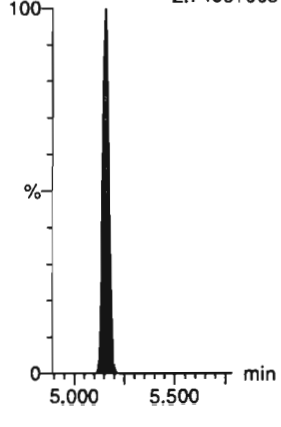
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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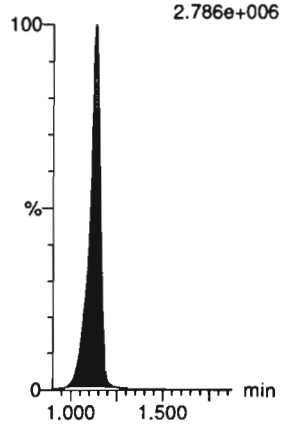
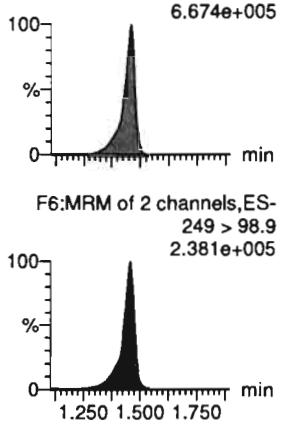
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

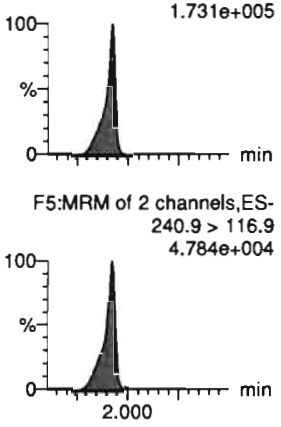
PFBA



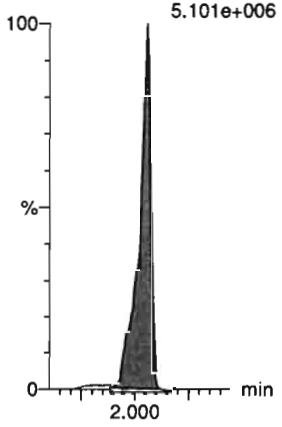
PFPrS



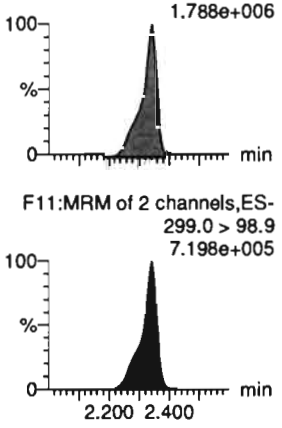
3:3 FTCA



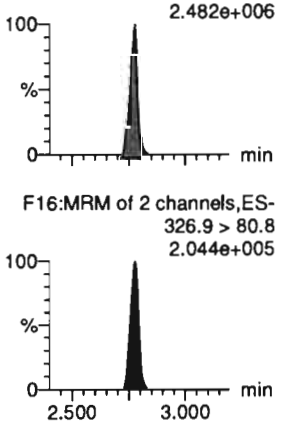
PFPeA



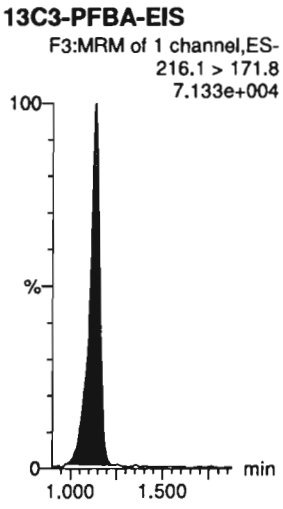
PFBS



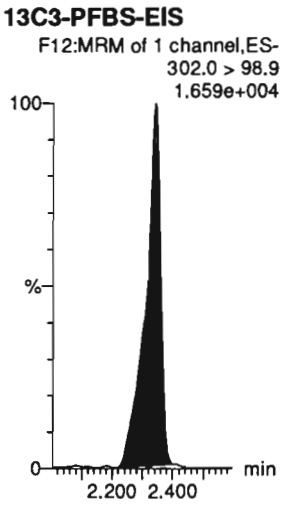
4:2 FTS



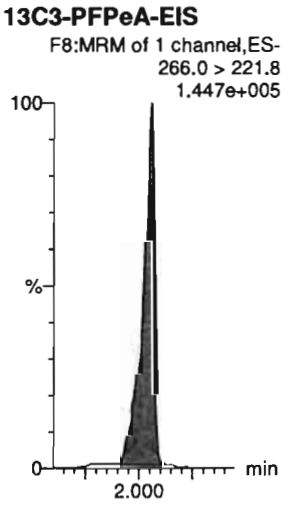
13C3-PFBA-EIS



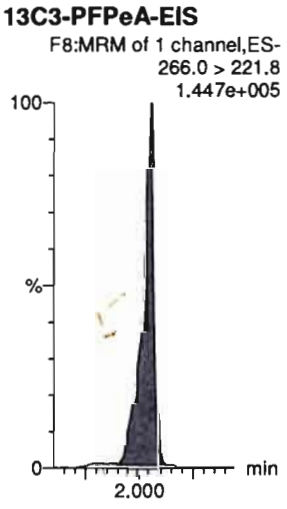
13C3-PFBS-EIS



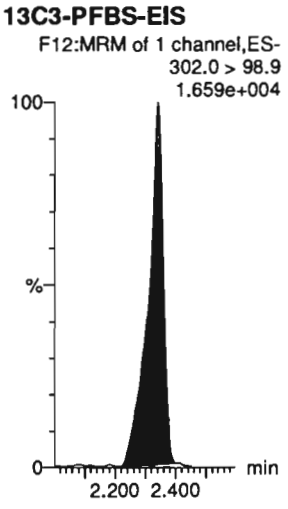
13C3-PFPeA-EIS



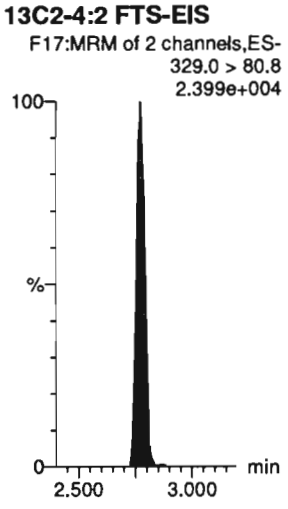
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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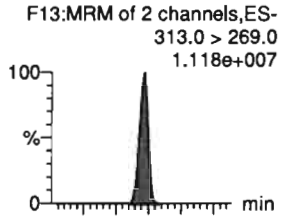
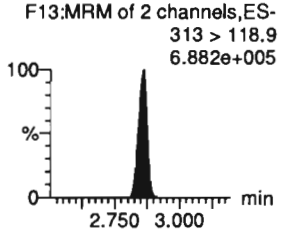
Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

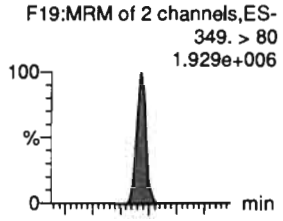
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

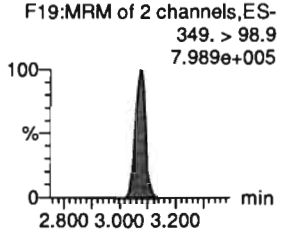
PFHxA



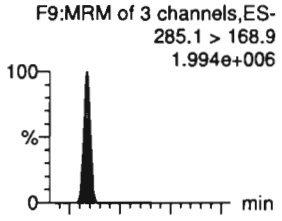


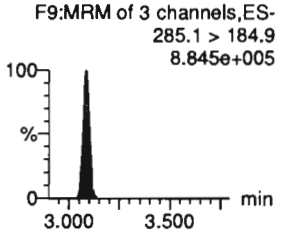
PFPeS



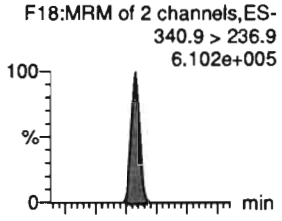


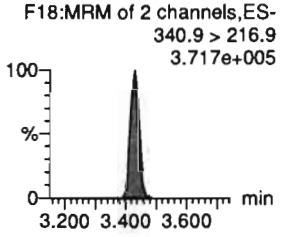
HFPO-DA



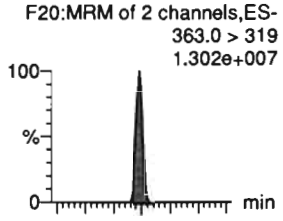


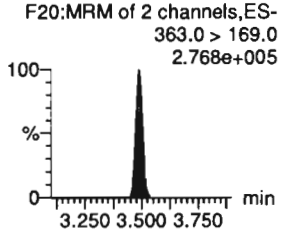
5:3 FTCA





PFHpA





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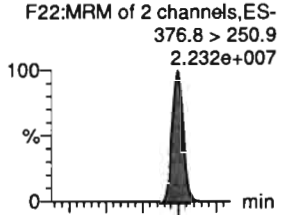
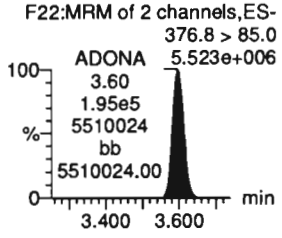
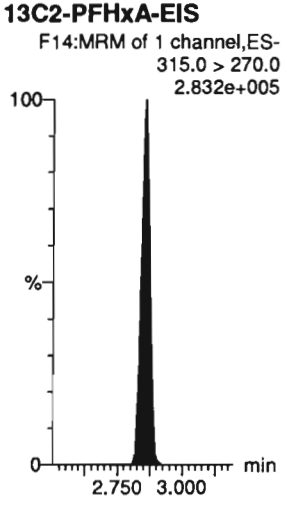
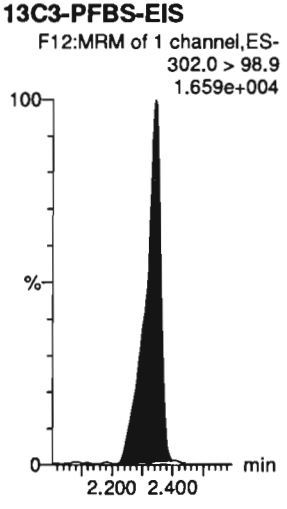




13C2-PFHxA-EIS



13C3-PFBS-EIS



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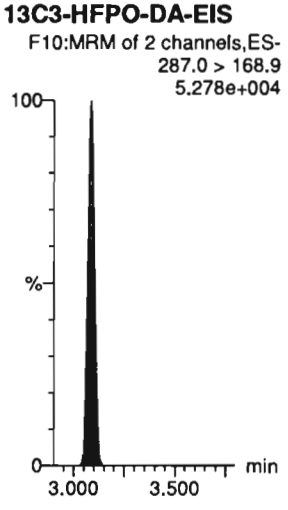

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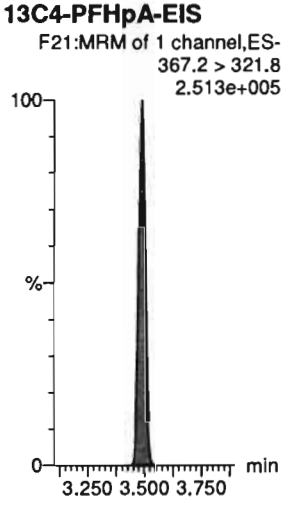

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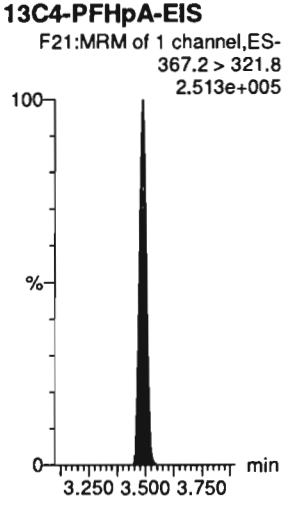

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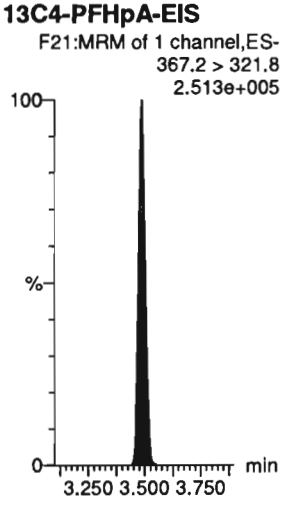

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Last Altered: Friday, June 12, 2020 12:07:48 Pacific Daylight Time
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Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

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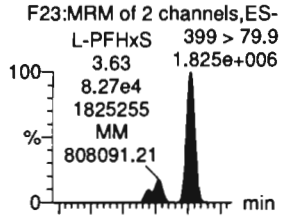
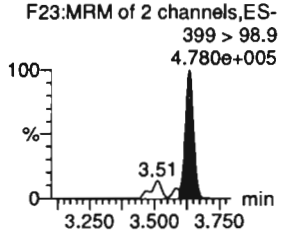
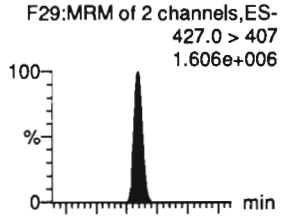
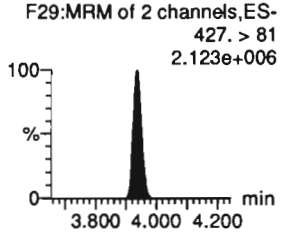




6:2 FTS





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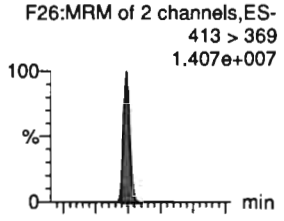

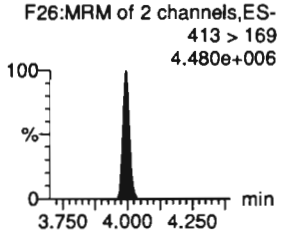

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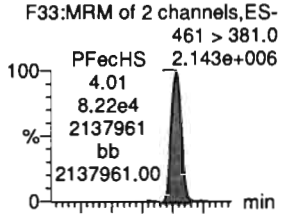

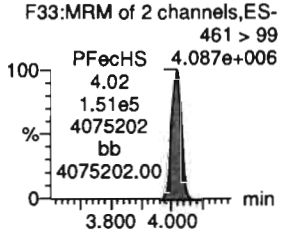

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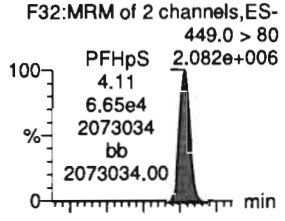
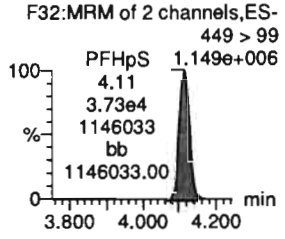
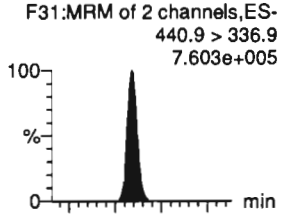
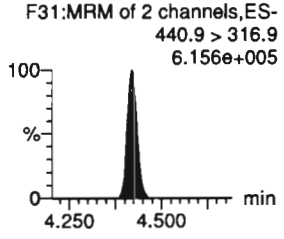


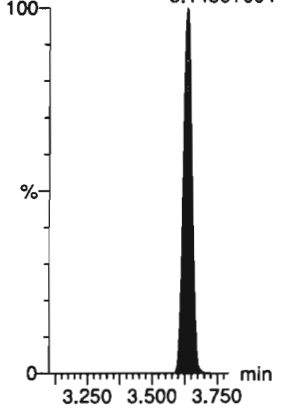


7:3 FTCA

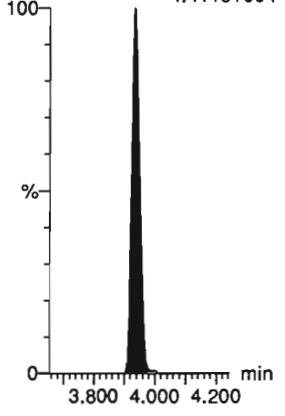




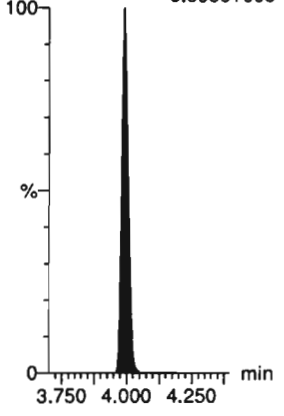
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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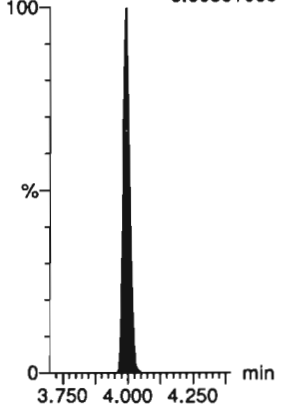
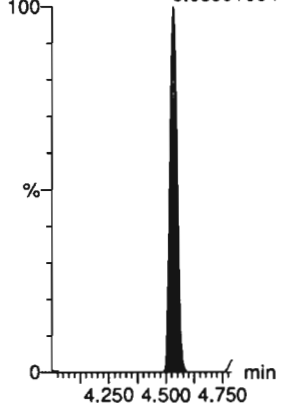
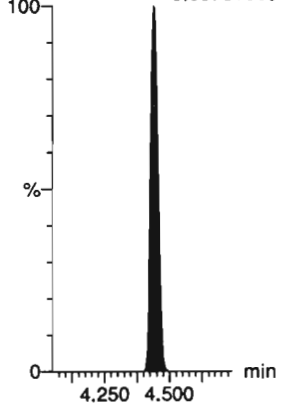


13C8-PFOS-EIS



13C5-PFNA-EIS



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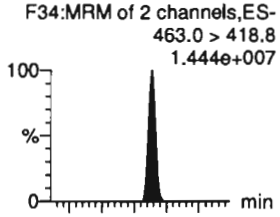

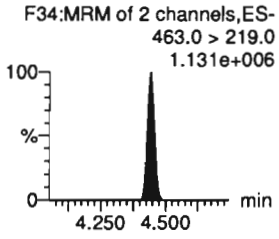

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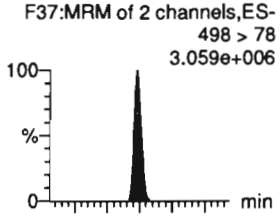
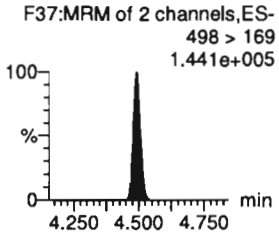
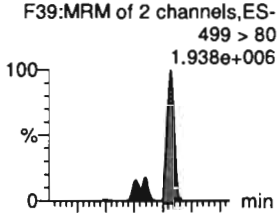
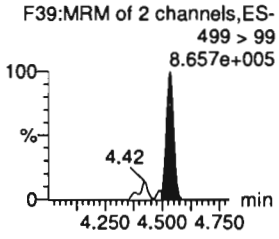




L-PFOS





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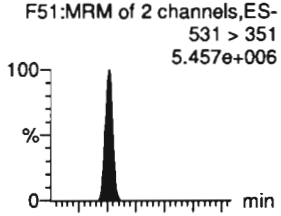

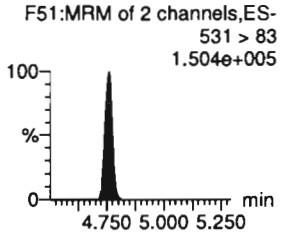

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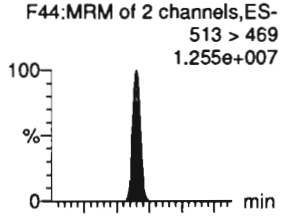

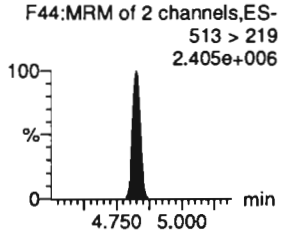

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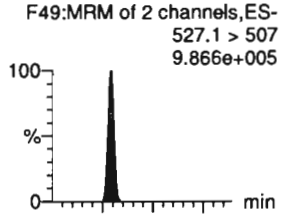

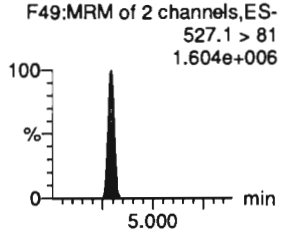

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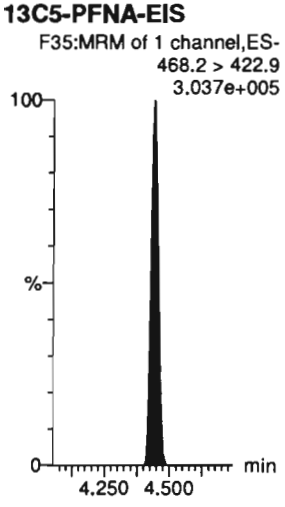

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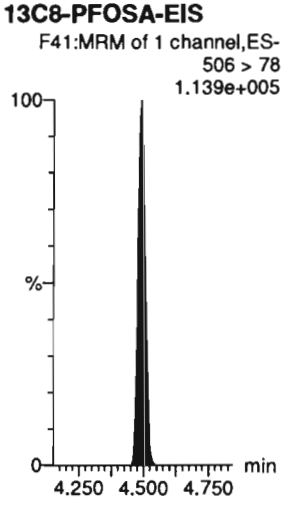

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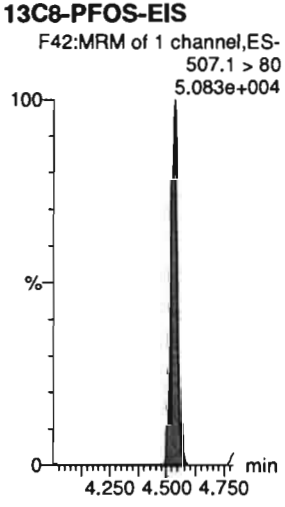

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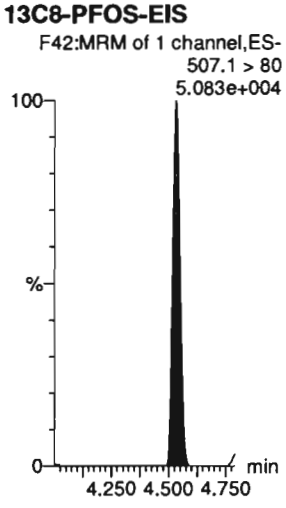

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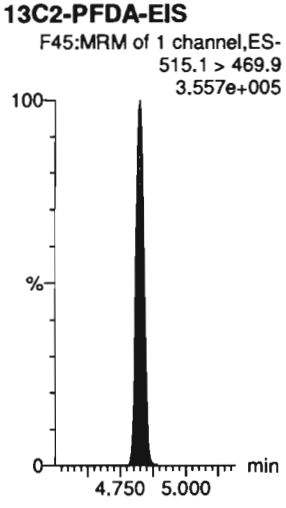

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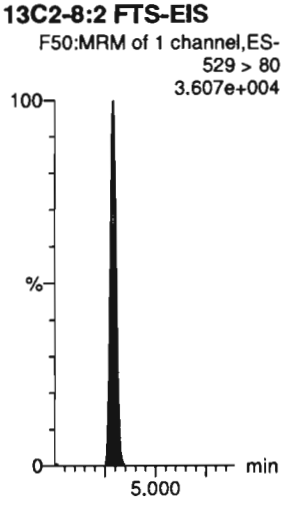

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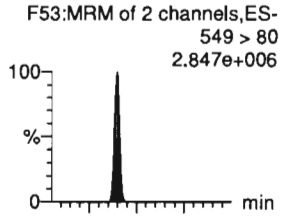
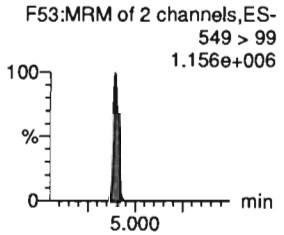
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

PFNS





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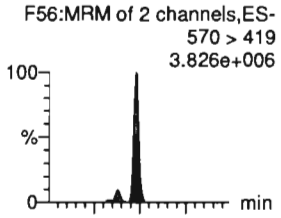

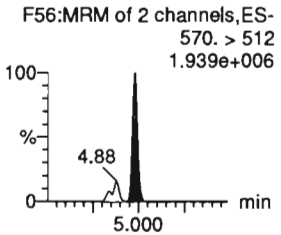

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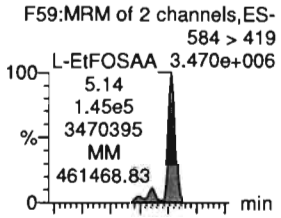
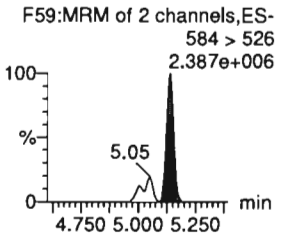
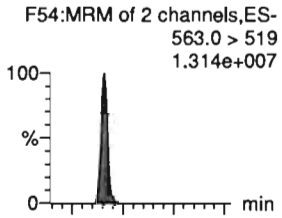
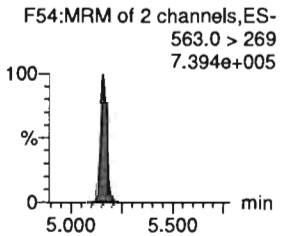


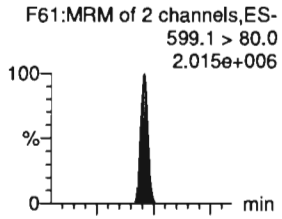


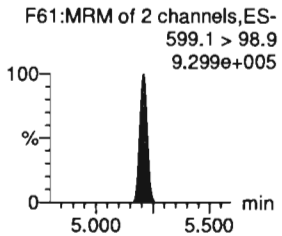
PFUdA



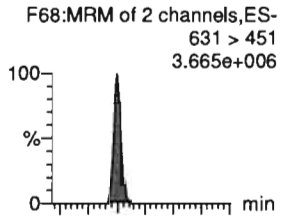


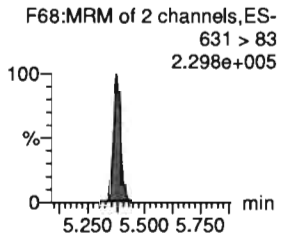
PFDS



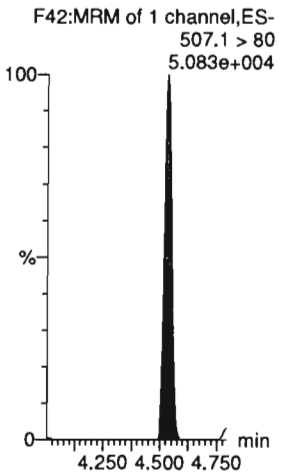


11Cl-PF30UdS

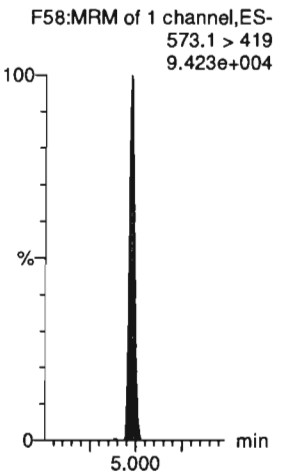




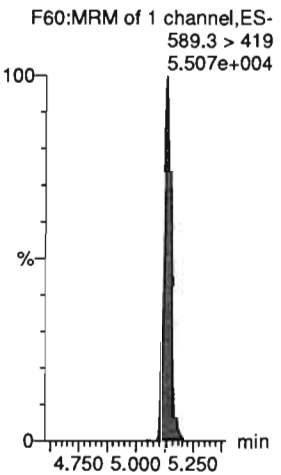
13C8-PFOS-EIS



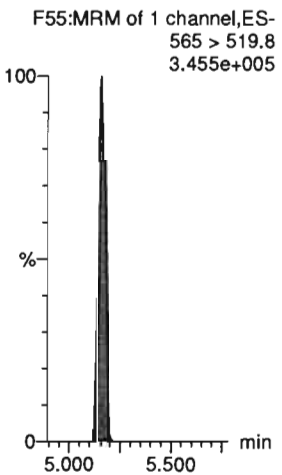
d3-N-MeFOSAA-EIS



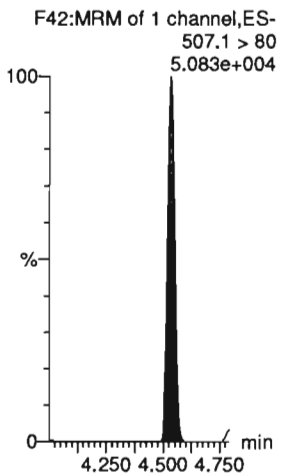
d5-N-EtFOSAA-EIS



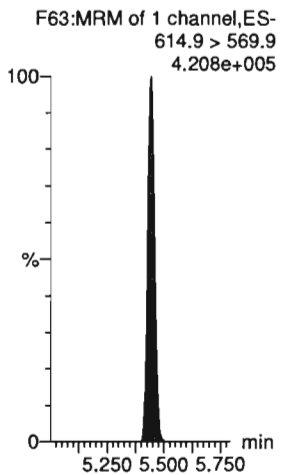
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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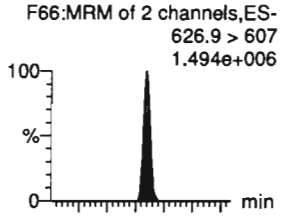
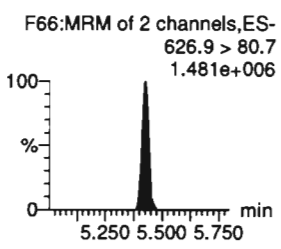
Printed: Friday, June 12, 2020 12:10:03 Pacific Daylight Time

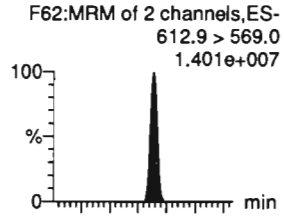
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

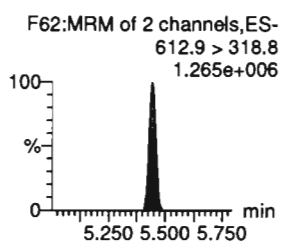
10:2 FTS



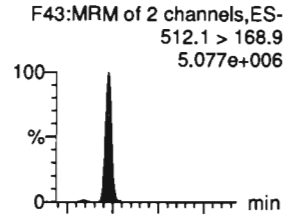


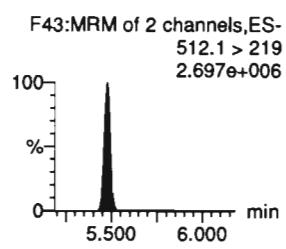
PFDoA





N-MeFOSA





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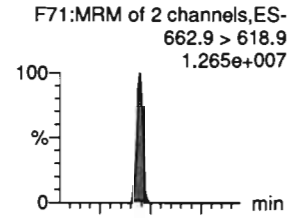
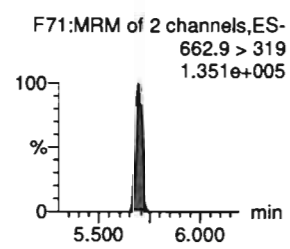
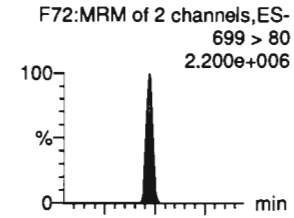
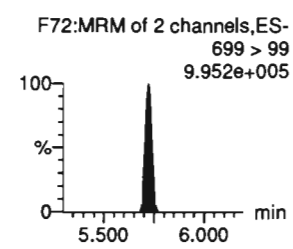




PFDoS





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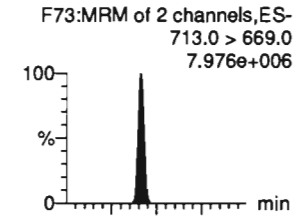
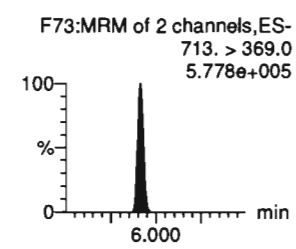
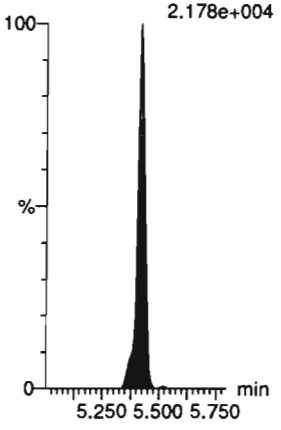
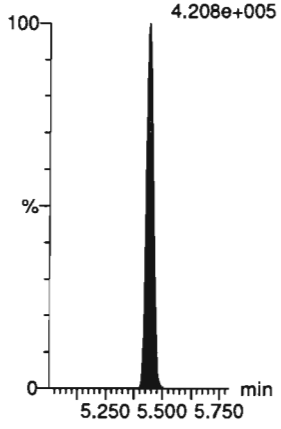




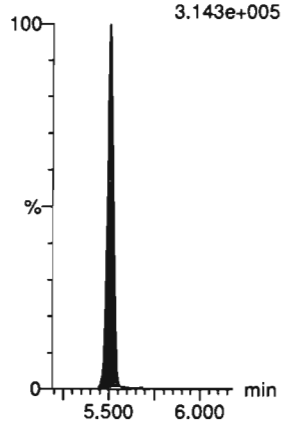
13C2-10:2 FTS-EIS



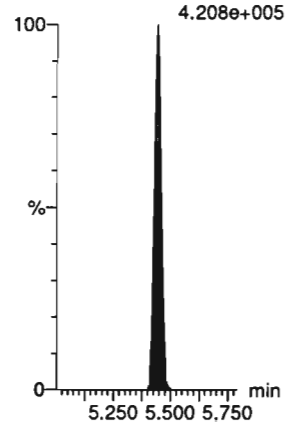
13C2-PFDoA-EIS



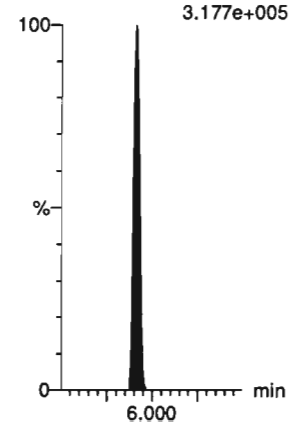
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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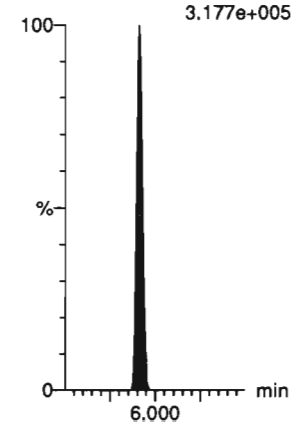

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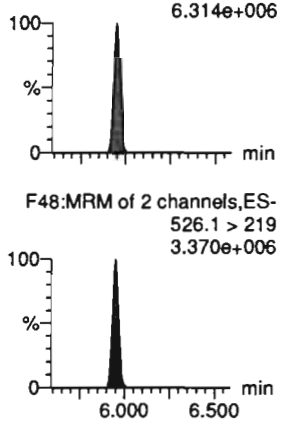
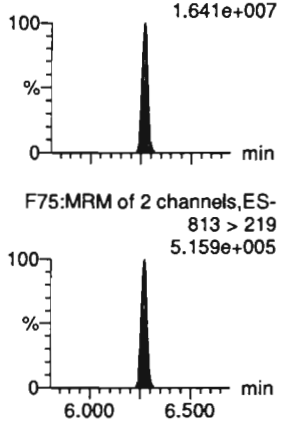
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

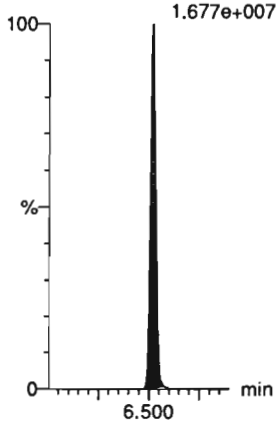
N-EtFOSA



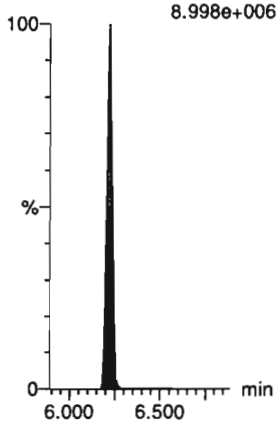
PFHxDA



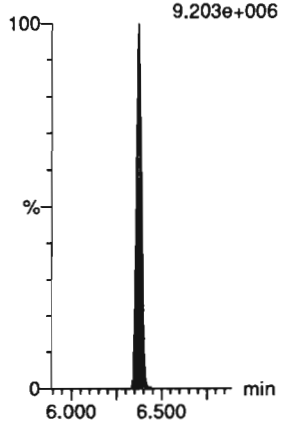
PFODA



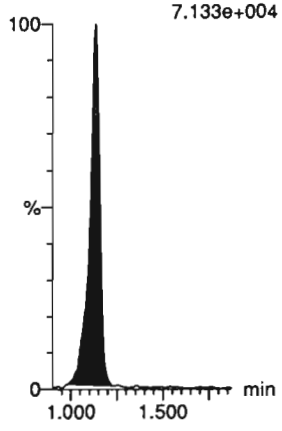
N-MeFOSE



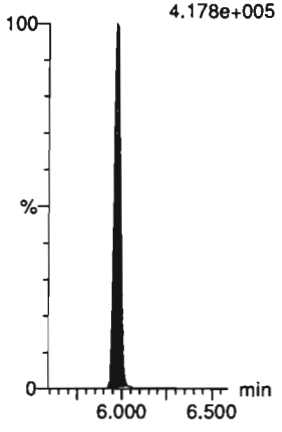
N-EtFOSE



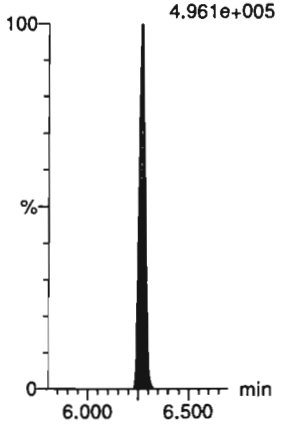
13C3-PFBA-RSD



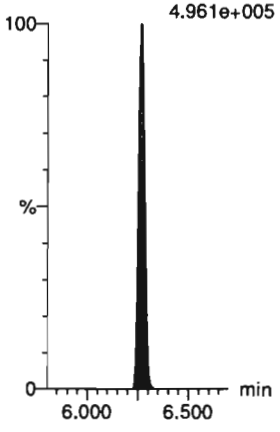
d5-N-ETFOSA-EIS



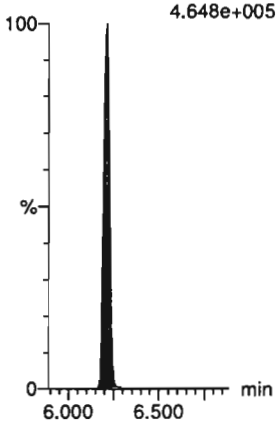
13C2-PFHxDA-EIS



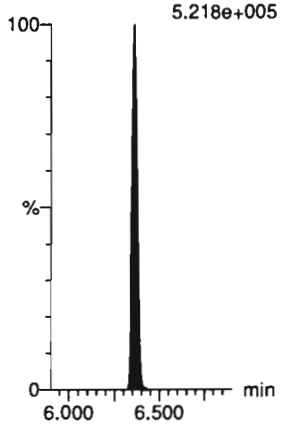
13C2-PFHxDA-EIS



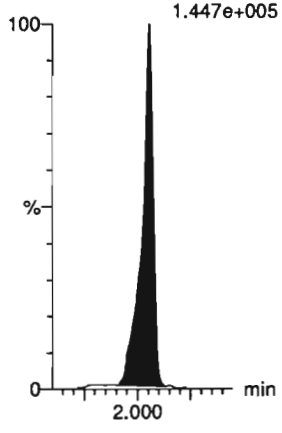
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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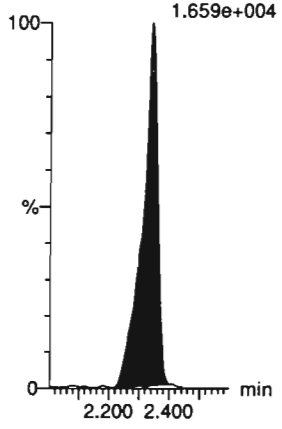
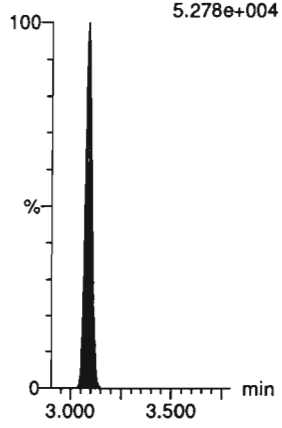
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

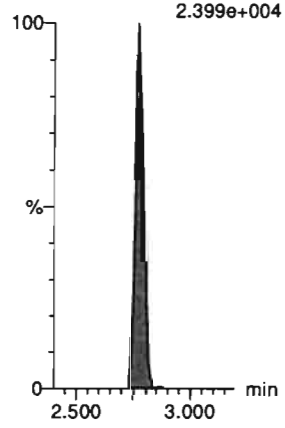
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.659e+004



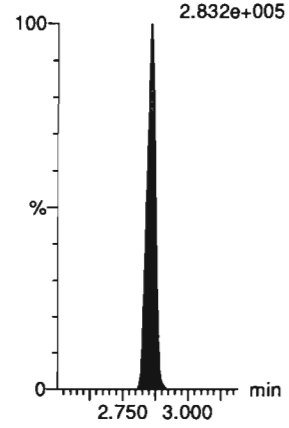
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.278e+004



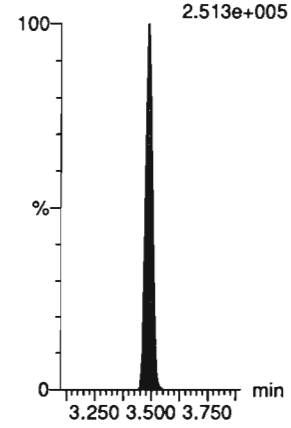
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.399e+004



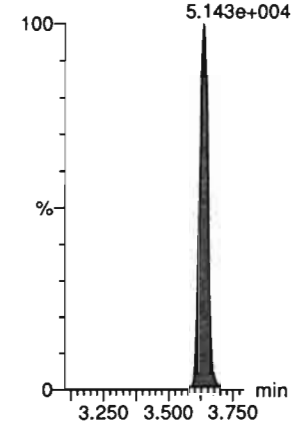
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.832e+005



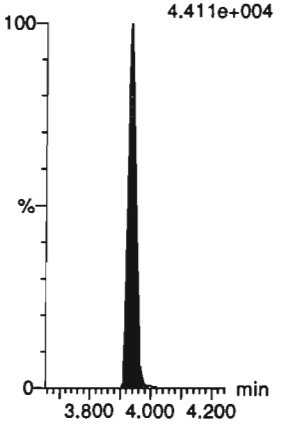
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.513e+005



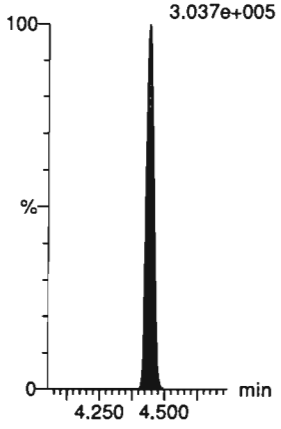
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.143e+004



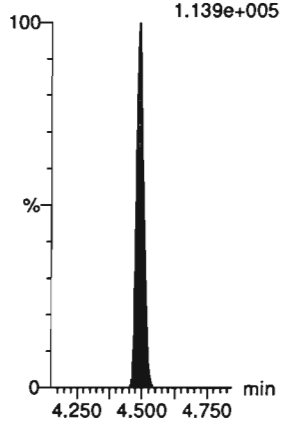
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.411e+004



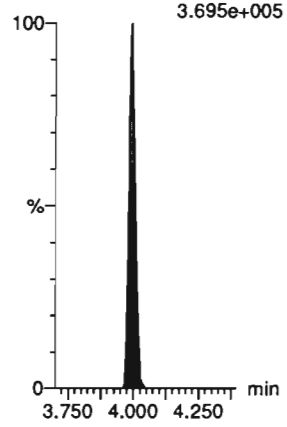
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.037e+005



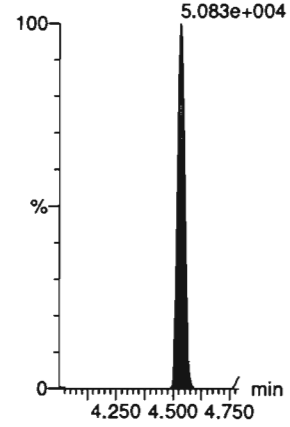
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.139e+005



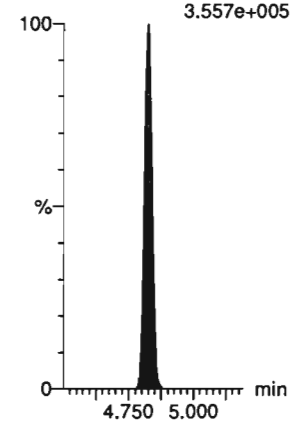
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.695e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
5.083e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.557e+005



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-CRV.qld

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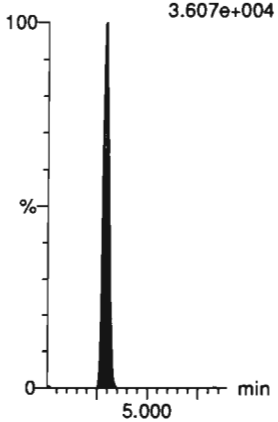
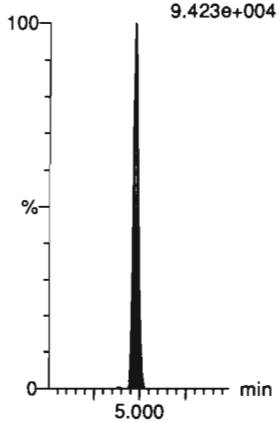
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

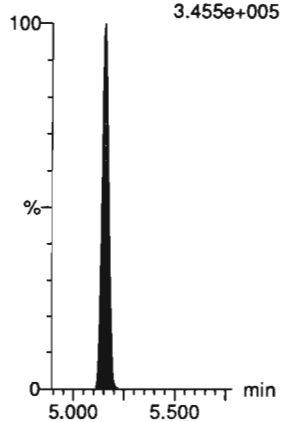
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.607e+004



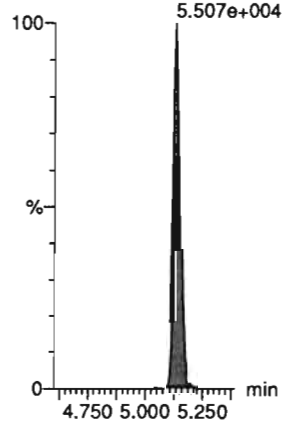
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.423e+004



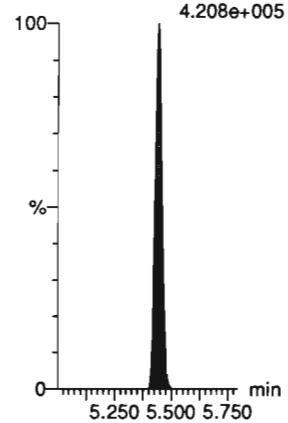
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.455e+005



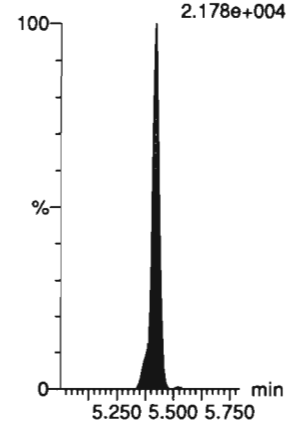
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
5.507e+004



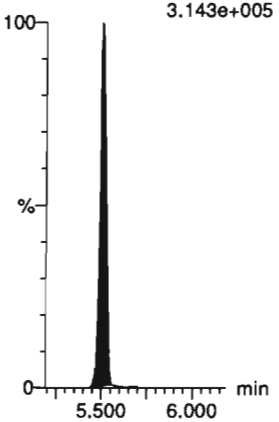
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.208e+005



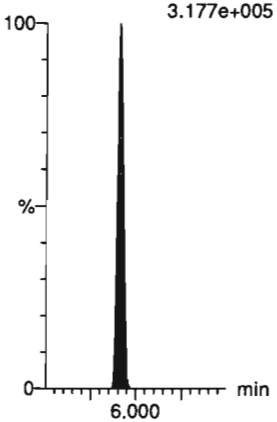
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.178e+004



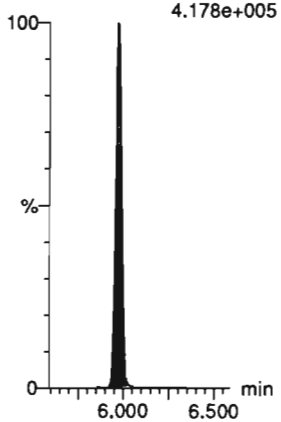
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.143e+005



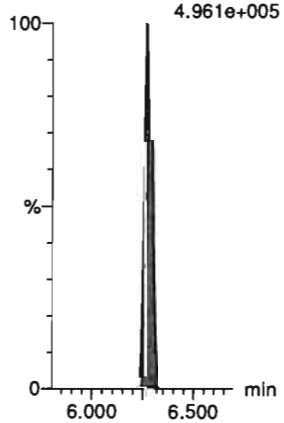
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.177e+005



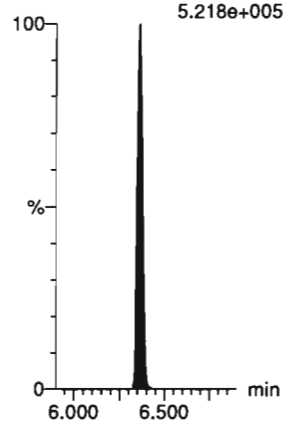
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.178e+005



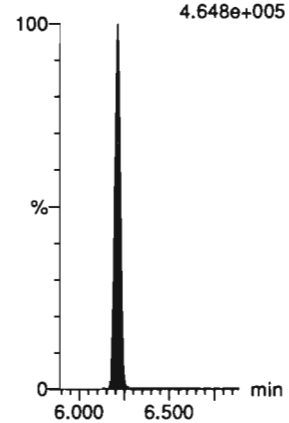
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
4.961e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.218e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.648e+005



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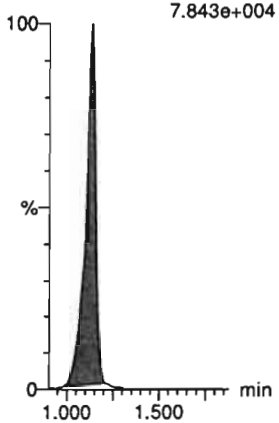
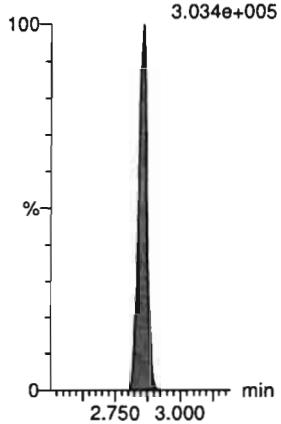
Name: 200612P1-14, Date: 12-Jun-2020, Time: 10:53:54, ID: ST200612P1-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

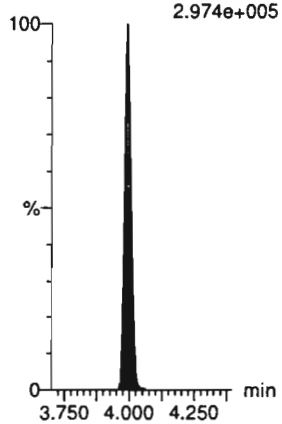
13C4-PFBA



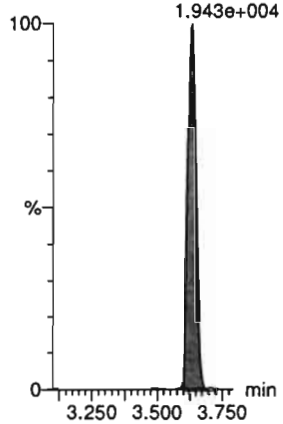
13C5-PFHxA



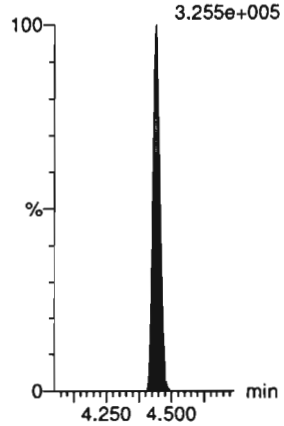
13C8-PFOA



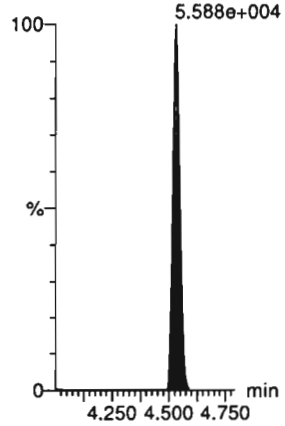
18O2-PFHxS



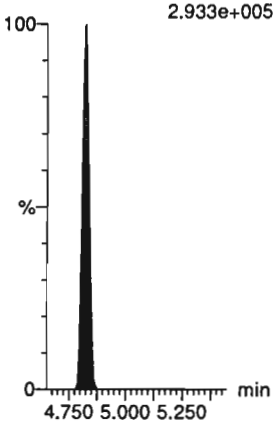
13C9-PFNA



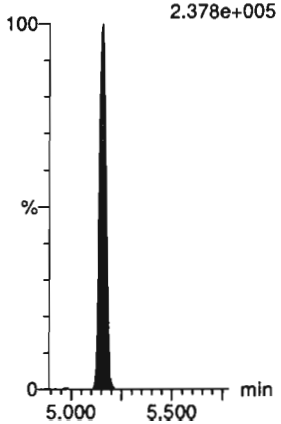
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-ICV.qld

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*NOT IN ICV

6/12/2020

Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3538.213	4293.994	1.00	1.20	10.300	10.000	10.1	101.3	NO		
2	2	PFPrS	249 > 80		1036.702	1.00			10.000		*	NO		YES
3	3	3:3 FTCA	240.9 > 176.9		7459.114	1.00			10.000			NO		YES
4	4	PFPeA	263.1 > 218.9	5624.214	7459.114	1.00	2.09	9.425	10.000	10.6	105.9	NO		
5	5	PFBS	299.0 > 80	1808.003	1036.702	1.00	2.36	21.800	8.840	8.37	94.7	NO	2.312	NO
6	6	4:2 FTS	326.9 > 306.9	3097.189	1544.980	1.00	2.77	25.058	9.360	9.13	97.5	NO	12.331	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4293.994		1.00	1.20	4293.994	12.500	13.0	103.8	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1036.702		1.00	2.36	1036.702	12.500	12.7	101.3	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	7459.114		1.00	2.09	7459.114	12.500	11.1	88.8	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	7459.114		1.00	2.09	7459.114	12.500	11.1	88.8	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1036.702		1.00	2.36	1036.702	12.500	12.7	101.3	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1544.980		1.00	2.77	1544.980	12.500	15.0	119.8	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	11066.304	12585.082	1.00	2.85	10.991	10.000	10.8	107.8	NO	16.566	NO
15	8	PFPeS	349.>80	1971.408	1036.702	1.00	3.06	23.770	9.360	11.9	126.9	NO	1.941	NO
16	9	HFPO-DA	285.1 > 168.9	1820.628	2345.050	1.00	3.07	9.705	10.000	9.70	97.0	NO	2.377	NO
17	10	5:3 FTCA	340.9 > 236.9		12497.073	1.00			10.000		*	NO		YES
18	11	PFHpA	363.0 > 319	13151.520	12497.073	1.00	3.47	13.155	10.000	10.2	102.0	NO	47.778	YES
19	12	ADONA	376.8 > 250.9	21524.775	12497.073	1.00	3.58	21.530	9.440	9.33	98.8	NO	3.870	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	12585.082		1.00	2.86	12585.082	12.500	14.2	113.6	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1036.702		1.00	2.36	1036.702	12.500	12.7	101.3	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2345.050		1.00	3.07	2345.050	12.500	14.6	117.2	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	12497.073		1.00	3.47	12497.073	12.500	16.1	128.9	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	12497.073		1.00	3.47	12497.073	12.500	16.1	128.9	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	12497.073		1.00	3.47	12497.073	12.500	16.1	128.9	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2203.611	2879.680	1.00	3.62	9.565	9.120	9.19	100.8	NO	4.239	YES
28	15	6:2 FTS	427.0 > 407	2183.023	2496.797	1.00	3.92	10.929	9.480	9.59	101.1	NO	0.798	NO
29	16	L-PFOA	413 > 369	13232.247	15851.321	1.00	3.98	10.435	10.000	10.7	107.3	NO	3.212	NO
30	18	PFecHS	461 > 381.0		15851.321	1.00			10.000		*	NO		YES
31	19	PFHpS	449.0 > 80	2423.621	2891.873	1.00	4.10	10.476	9.520	11.1	116.3	NO	1.789	NO
32	20	7:3 FTCA	440.9 > 336.9		14892.284	1.00			10.000		*	NO		YES
33	61	13C3-PFHxS-EIS	402 >80	2879.680		1.00	3.62	2879.680	12.500	16.1	128.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	2496.797		1.00	3.92	2496.797	12.500	20.5	163.6	YES		
35	69	13C2-PFOA-EIS	414.9 > 369.7	15851.321		1.00	3.98	15851.321	12.500	16.2	129.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	15851.321		1.00	3.98	15851.321	12.500	16.2	129.3	NO		

OPV 6/12/2020

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Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2891.873		1.00	4.52	2891.873	12.500	16.4	130.9	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	14892.284		1.00	4.43	14892.284	12.500	16.8	134.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	14892.291	14892.284	1.00	4.43	12.500	10.000	10.5	104.7	NO	14.292	YES
41	22	PFOSA	498 > 78	3707.388	6566.910	1.00	4.48	7.057	10.000	10.8	108.1	NO	20.923	NO
42	23	L-PFOS	499 > 80	2743.584	2891.873	1.00	4.52	11.859	9.280	9.73	104.9	NO	2.586	NO
43	25	9Cl-PF30NS	531 > 351	6406.194	2891.873	1.00	4.75	27.691	9.320	10.9	116.5	NO	37.121	YES
44	26	PFDA	513 > 469	14264.695	19575.355	1.00	4.81	9.109	10.000	10.5	105.4	NO	5.189	NO
45	27	8:2 FTS	527.1 > 507	1811.472	2815.349	1.00	4.78	8.043	9.600	10.3	107.0	NO	0.581	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	14892.284		1.00	4.43	14892.284	12.500	16.8	134.3	NO		
47	67	13C8-PFOSA-EIS	506 > 78	6566.910		1.00	4.48	6566.910	12.500	20.7	165.9	YES		
48	71	13C8-PFOS-EIS	507.1 > 80	2891.873		1.00	4.52	2891.873	12.500	16.4	130.9	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2891.873		1.00	4.52	2891.873	12.500	16.4	130.9	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	19575.355		1.00	4.81	19575.355	12.500	17.6	140.5	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	2815.349		1.00	4.78	2815.349	12.500	24.2	193.9	YES		
52	-1													
53	28	PFNS	549 > 80	2850.675	2891.873	1.00	4.88	12.322	9.600	10.1	105.3	NO	2.524	NO
54	29	L-MeFOSAA	570 > 419	4572.266	4826.785	1.00	4.97	11.841	10.000	10.6	106.1	NO	1.745	NO
55	31	L-EtFOSAA	584 > 419	5700.977	3310.853	1.00	5.13	21.524	10.000	9.64	96.4	NO	1.353	NO
56	33	PFUdA	563.0 > 519	17450.428	22027.158	1.00	5.14	9.903	10.000	10.2	101.9	NO	18.384	NO
57	34	PFDS	599.1 > 80.0	2476.702	2891.873	1.00	5.20	10.705	9.640	10.6	109.9	NO	2.253	NO
58	35	11Cl-PF30UdS	631 > 451	4328.103	26540.227	1.00	5.36	2.038	9.440	8.53	90.3	NO	14.804	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2891.873		1.00	4.52	2891.873	12.500	16.4	130.9	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4826.785		1.00	4.96	4826.785	12.500	16.7	133.3	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	3310.853		1.00	5.12	3310.853	12.500	17.0	135.7	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	22027.158		1.00	5.14	22027.158	12.500	18.2	145.6	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2891.873		1.00	4.52	2891.873	12.500	16.4	130.9	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	26540.227		1.00	5.43	26540.227	12.500	19.6	156.9	YES		
65	-1													
66	36	10:2 FTS	626.9 > 607		2396.292	1.00			10.000		*	NO		YES
67	37	PFDoA	612.9 > 569.0	19450.414	26540.227	1.00	5.43	9.161	10.000	10.3	103.0	NO	12.471	NO
68	38	N-MeFOSA	512.1 > 168.9		17065.273	1.00			9.600		*	NO		YES
69	39	PFTrDA	662.9 > 618.9	20486.279	26540.227	1.00	5.69	9.649	10.000	10.8	107.7	NO	92.467	YES
70	40	PFDoS	699 > 80		21899.063	1.00			10.000		*	NO		YES
71	41	PFTeDA	713.0 > 669.0	12053.208	21899.063	1.00	5.90	6.880	10.000	10.9	108.9	NO	12.894	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	2396.292		1.00	5.41	2396.292	12.500	28.0	224.1	YES		

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Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	26540.227		1.00	5.43	26540.227	12.500	19.6	156.9	YES		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	17065.273		1.00	5.49	17065.273	149.200	224	150.1	YES		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	26540.227		1.00	5.43	26540.227	12.500	19.6	156.9	YES		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	21899.063		1.00	5.90	21899.063	12.500	19.7	157.6	YES		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	21899.063		1.00	5.90	21899.063	12.500	19.7	157.6	YES		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		22182.266	1.00			9.600		*	NO		YES
80	43	PFHxDA	813 > 769		27108.975	1.00			10.000			NO		YES
81	44	PFODA	913.1 > 868.8		27108.975	1.00			10.000			NO		
82	45	N-MeFOSE	616.1 > 58.9		18558.926	1.00			9.600			NO		
83	46	N-EtFOSE	630.1 > 58.9		18761.432	1.00			9.600			NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4293.994	4736.707	1.00	1.20	11.332	12.500	12.4	99.3	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	22182.266		1.00	5.96	22182.266	149.200	188	125.9	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	27108.975		1.00	6.26	27108.975	12.500	16.0	127.8	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	27108.975		1.00	6.26	27108.975	12.500	16.0	127.8	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	18558.926		1.00	6.21	18558.926	149.200	157	105.1	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	18761.432		1.00	6.36	18761.432	149.200	160	107.4	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	7472.438	13999.606	1.00	2.09	6.672	12.500	9.42	75.3	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1039.917	1208.836	1.00	2.36	10.753	12.500	8.98	71.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2358.143	13999.606	1.00	3.07	2.106	12.500	12.2	97.3	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1545.838	1208.836	1.00	2.77	15.985	12.500	11.0	87.8	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	12585.140	13999.606	1.00	2.86	11.237	12.500	12.4	99.2	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	12497.073	13999.606	1.00	3.47	11.158	12.500	13.9	111.1	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2879.680	1208.836	1.00	3.62	29.777	12.500	11.6	92.9	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	2496.797	3565.012	1.00	3.92	8.755	12.500	14.5	116.1	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	14892.284	15924.391	1.00	4.43	11.690	12.500	12.2	97.8	NO		
100	68	13C8-PFOSA-RSD	506 > 78	6566.910	15923.061	1.00	4.48	5.155	12.500	13.9	111.3	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	15851.321	14053.524	1.00	3.98	14.099	12.500	11.7	93.9	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2891.873	3565.012	1.00	4.52	10.140	12.500	11.8	94.7	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	19575.355	16733.824	1.00	4.81	14.623	12.500	12.3	98.4	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	2815.349	3565.012	1.00	4.78	9.871	12.500	16.9	135.1	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4826.785	15923.061	1.00	4.96	3.789	12.500	11.5	92.1	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	22027.158	15923.061	1.00	5.14	17.292	12.500	12.3	98.1	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	3310.853	15923.061	1.00	5.12	2.599	12.500	12.1	96.9	NO		

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Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	26540.227	16733.824	1.00	5.43	19.825	12.500	13.5	108.2	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	2396.292	3565.012	1.00	5.41	8.402	12.500	21.0	167.7	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	17065.273	15923.061	1.00	5.49	13.397	149.200	145	97.3	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	21899.063	15923.061	1.00	5.90	17.191	12.500	13.0	104.3	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	22182.266	15923.061	1.00	5.96	17.414	149.200	124	83.1	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	27108.975	15923.061	1.00	6.26	21.281	12.500	10.7	85.6	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	18558.926	15923.061	1.00	6.21	14.569	149.200	107	71.6	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	18761.432	15923.061	1.00	6.36	14.728	149.200	102	68.6	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	4736.707	4736.707	1.00	1.20	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	13999.606	13999.606	1.00	2.86	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	14053.524	14053.524	1.00	3.98	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1208.836	1208.836	1.00	3.62	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	15924.391	15924.391	1.00	4.43	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3565.012	3565.012	1.00	4.52	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	16733.824	16733.824	1.00	4.81	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	15923.061	15923.061	1.00	5.14	12.500	12.500	12.5	100.0	NO		

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Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

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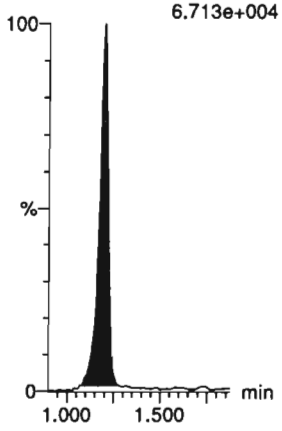

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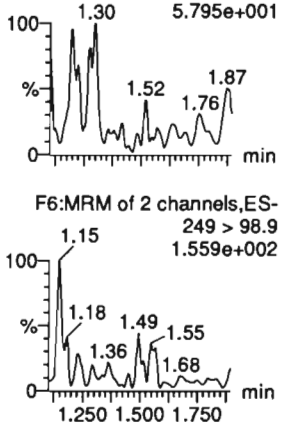

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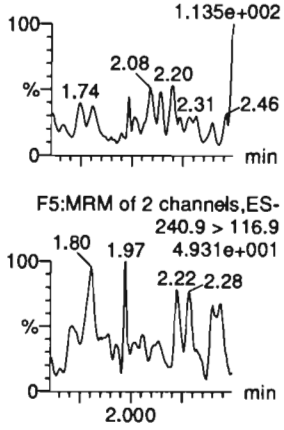

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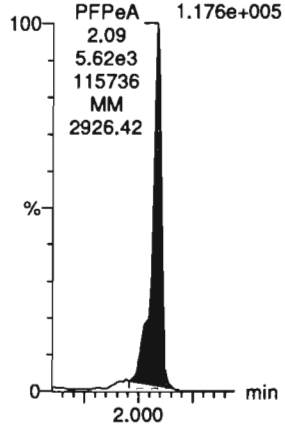

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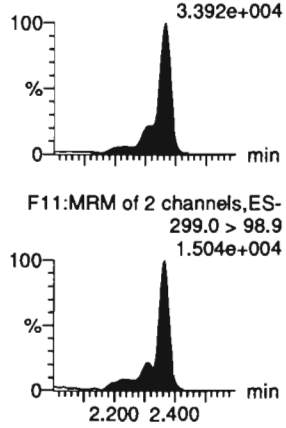
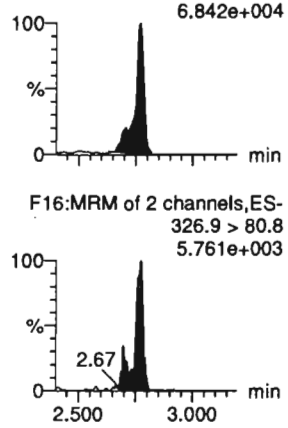


4:2 FTS



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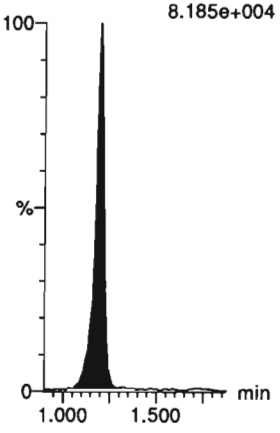

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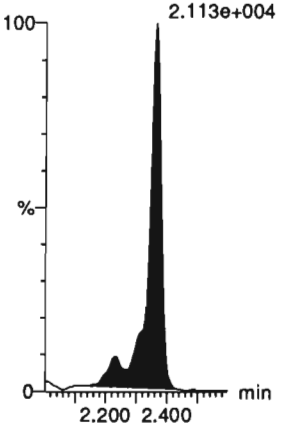

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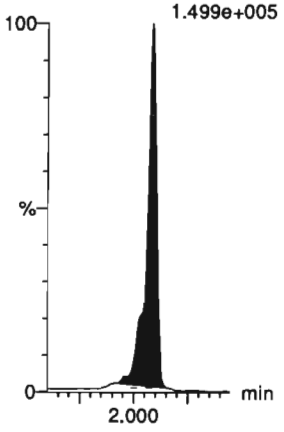

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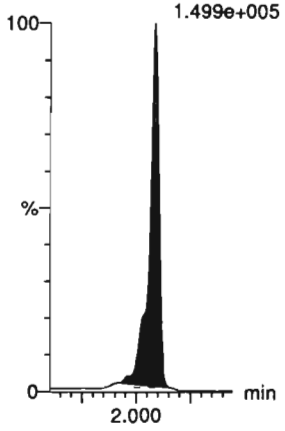

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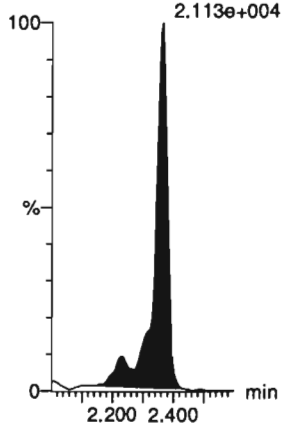

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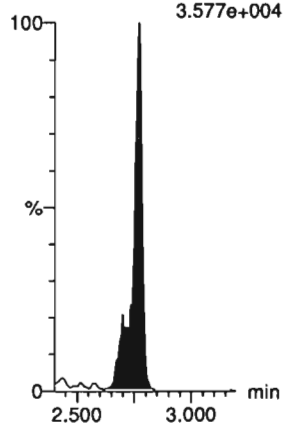

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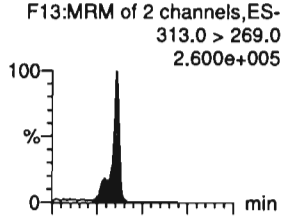

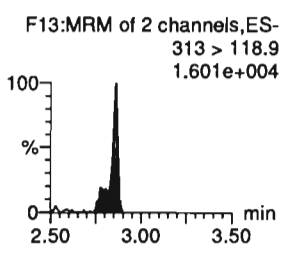

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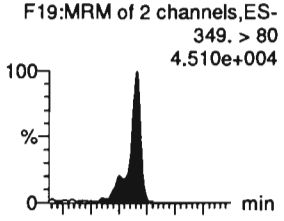

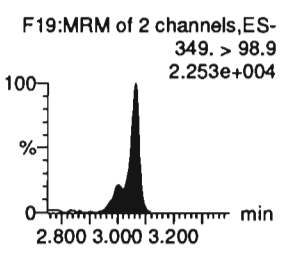

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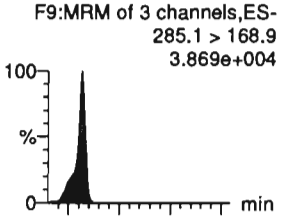
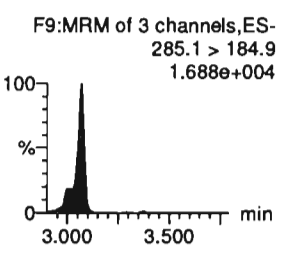
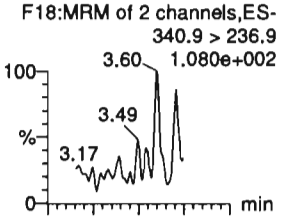
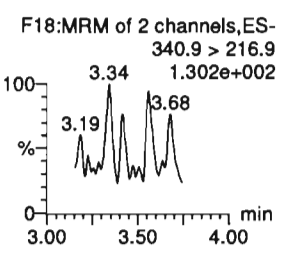




5:3 FTCA





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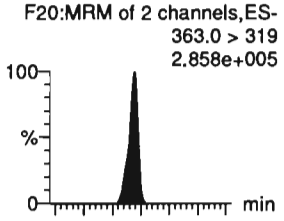

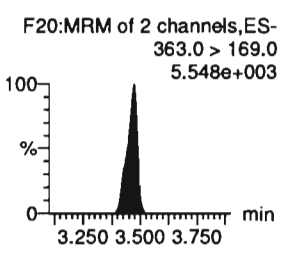

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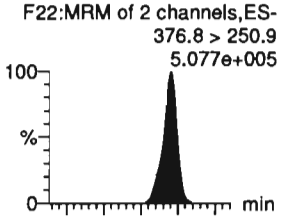

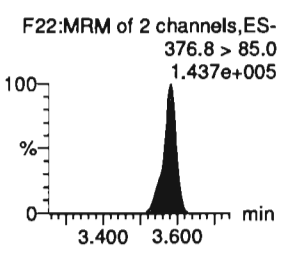

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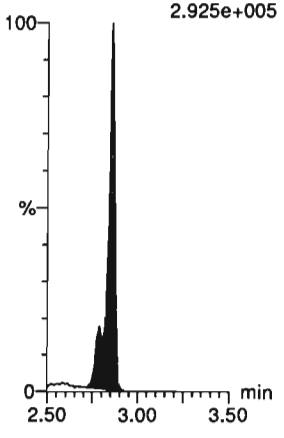

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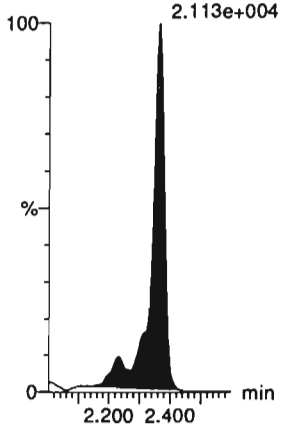

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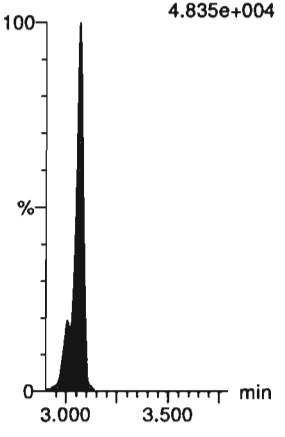

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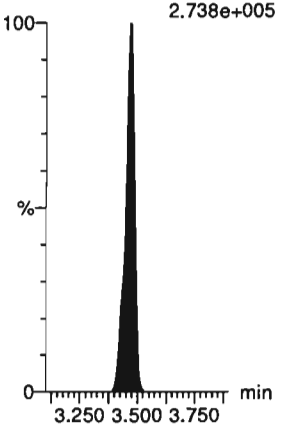

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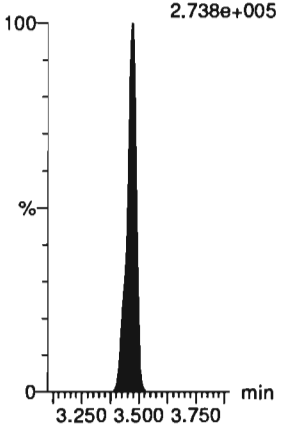

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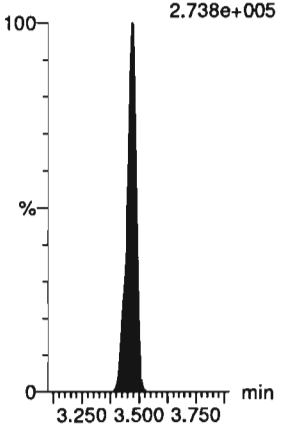
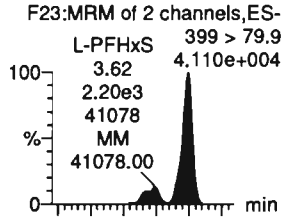


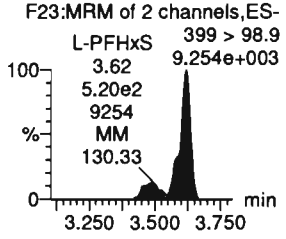
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-ICV.qld

Last Altered: Friday, June 12, 2020 13:50:46 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:51:20 Pacific Daylight Time

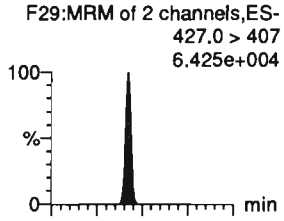
Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

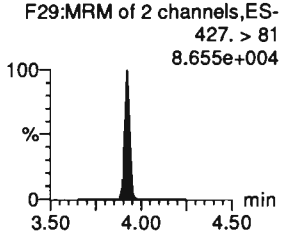
L-PFHxS





6:2 FTS





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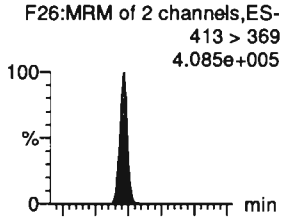

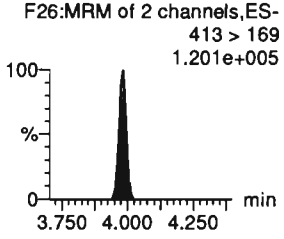

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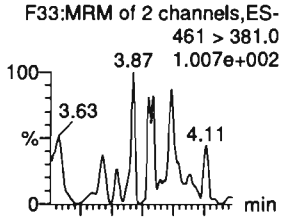

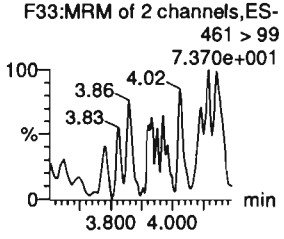

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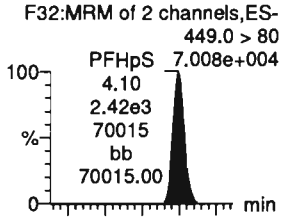
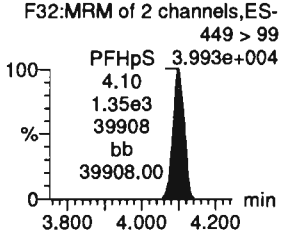
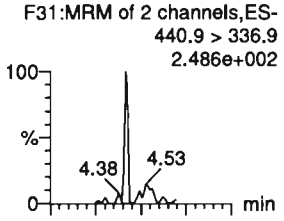
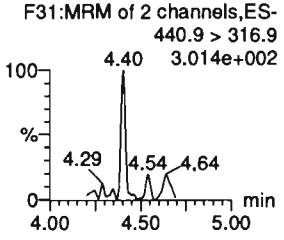


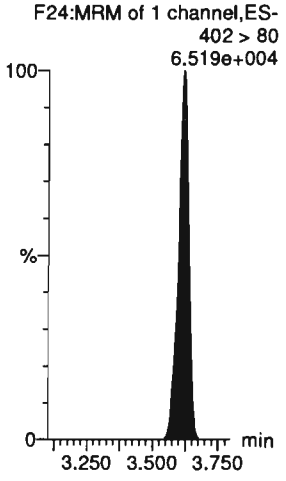


7:3 FTCA

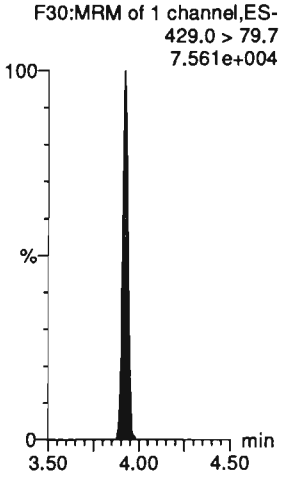




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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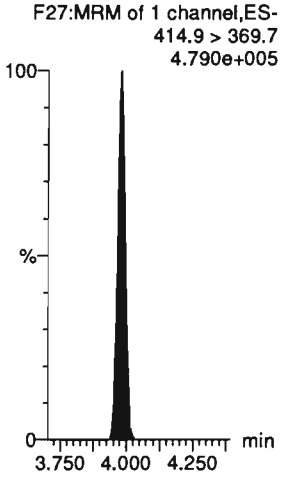

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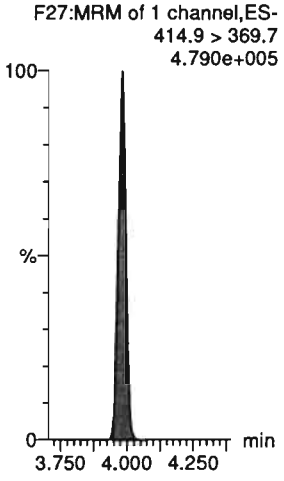
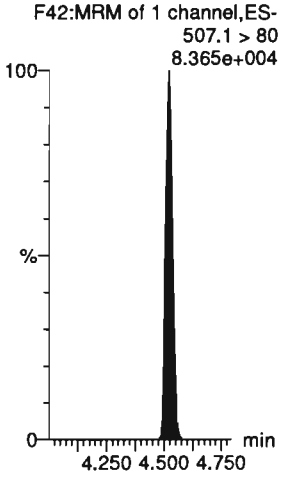
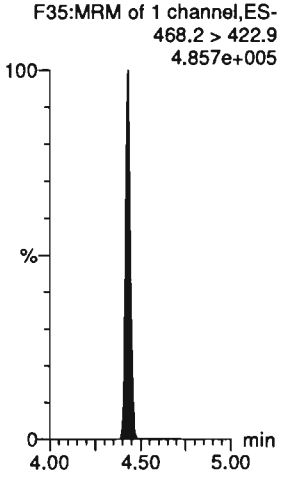


13C8-PFOS-EIS



13C5-PFNA-EIS



OPV 6/12/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-ICV.qld

Last Altered: Friday, June 12, 2020 13:50:46 Pacific Daylight Time
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Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

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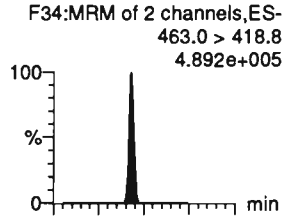

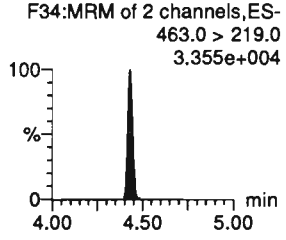

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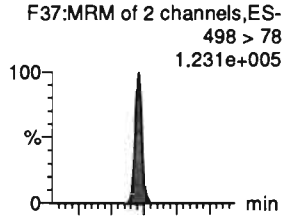
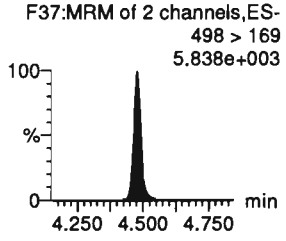
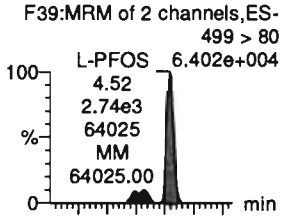
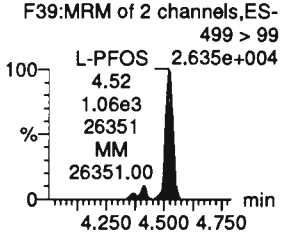




L-PFOS





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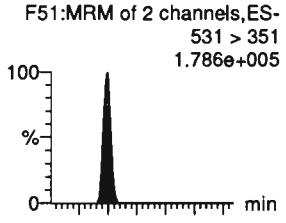

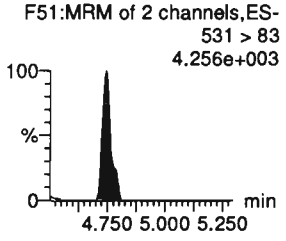

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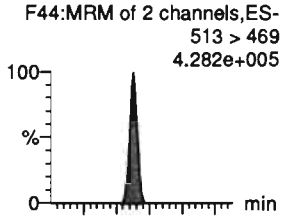
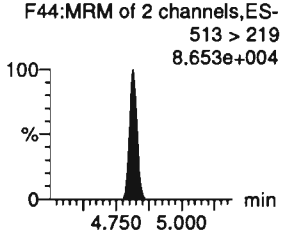
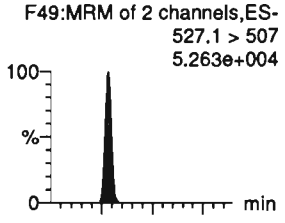
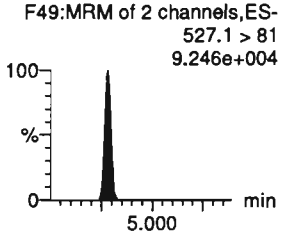




8:2 FTS





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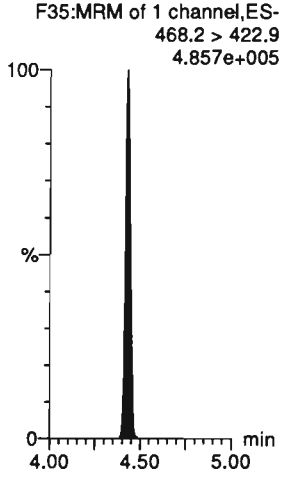

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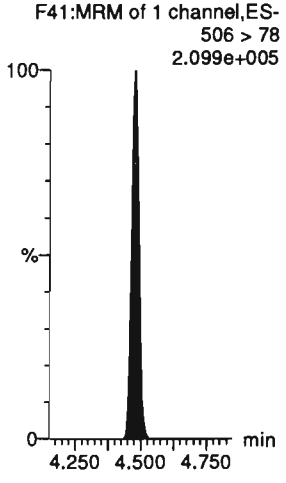

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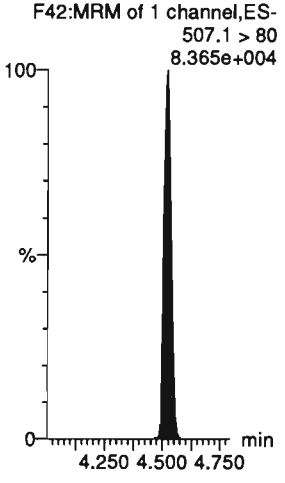

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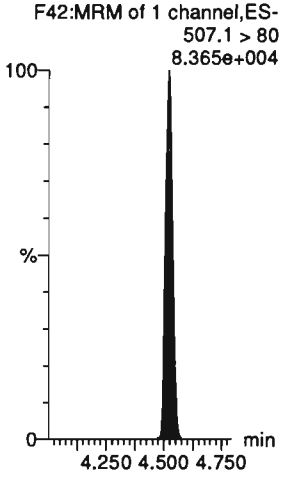

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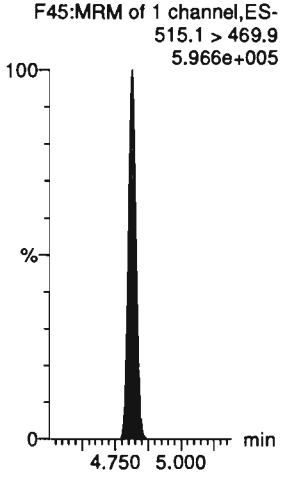

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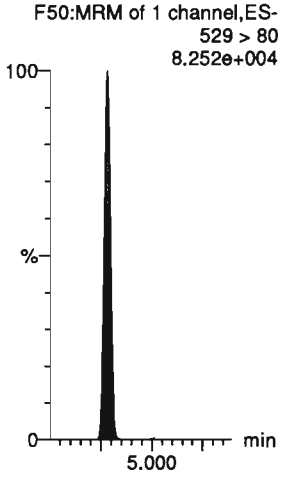

OPV 6/12/2020

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Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

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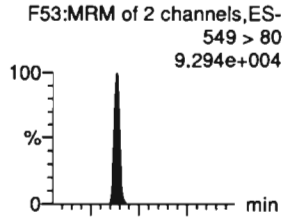

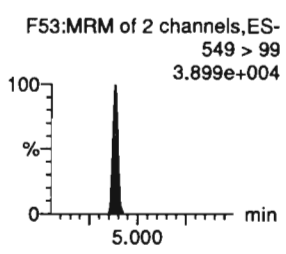

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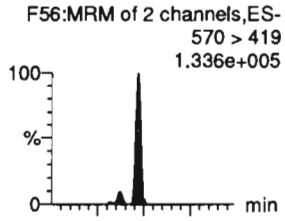

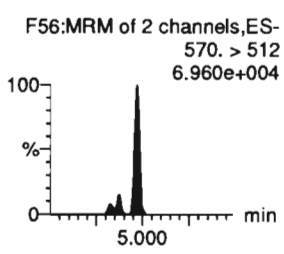

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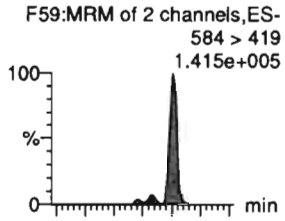

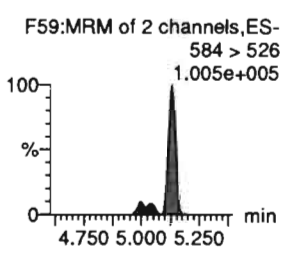

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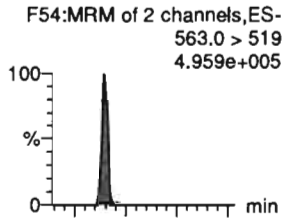

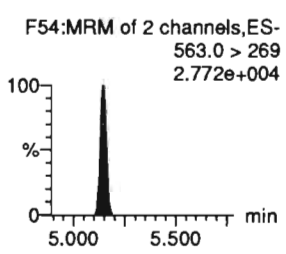

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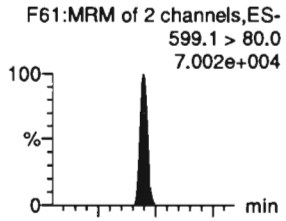

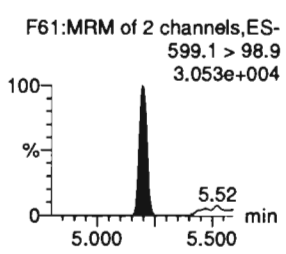

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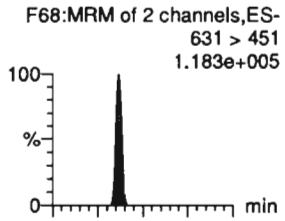
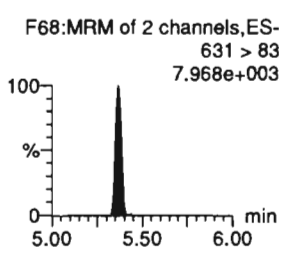
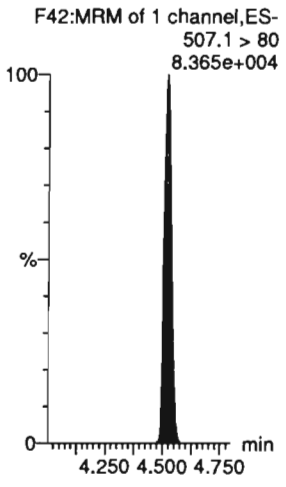




13C8-PFOS-EIS



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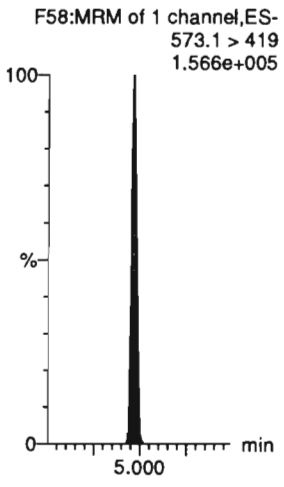

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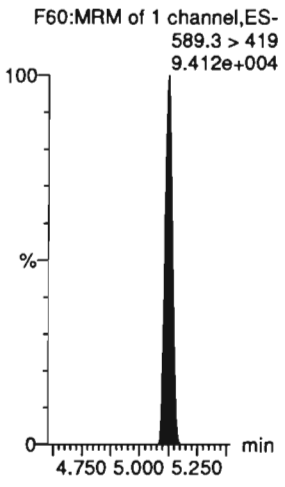

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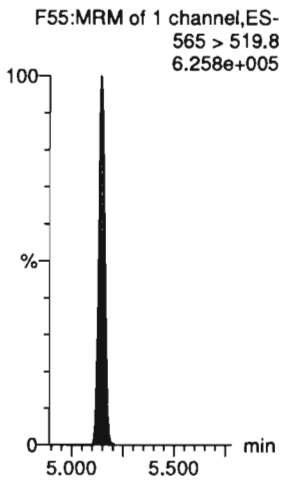

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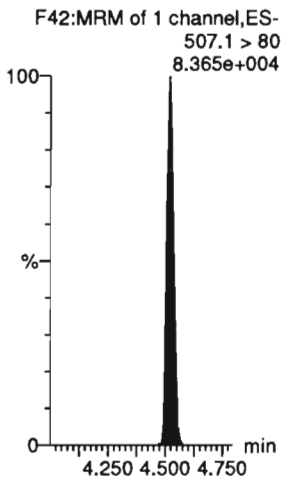

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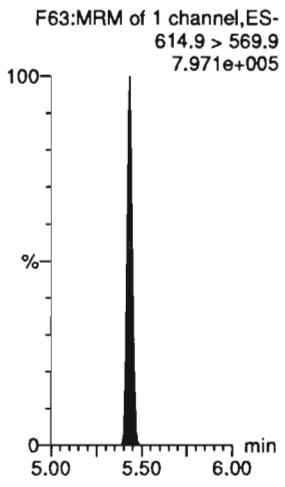


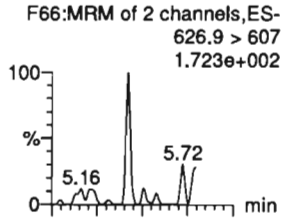
OPV 6/12/2020

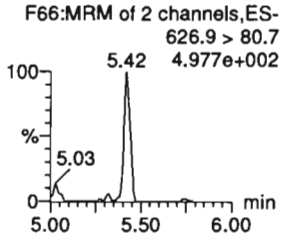
Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-ICV.qld

Last Altered: Friday, June 12, 2020 13:50:46 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:51:20 Pacific Daylight Time

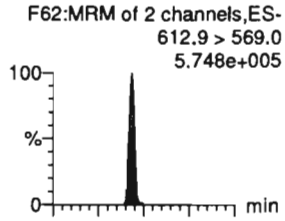
Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

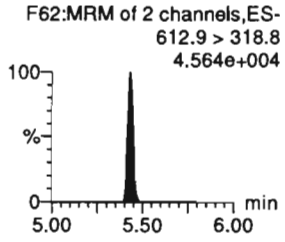
10:2 FTS



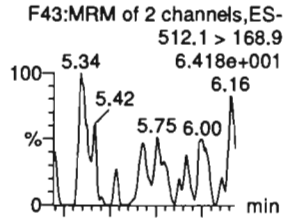


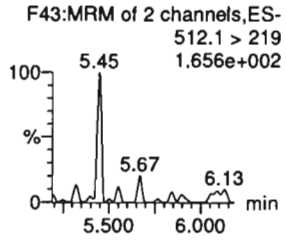
PFDoA





N-MeFOSA





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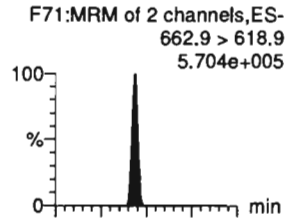
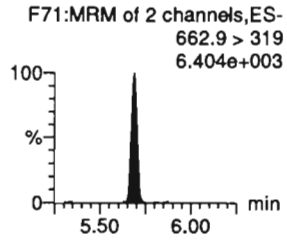
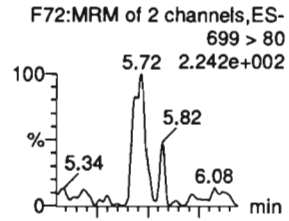
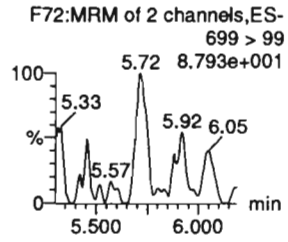


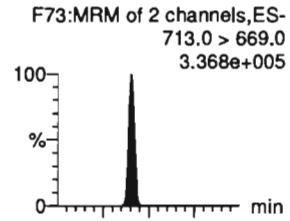


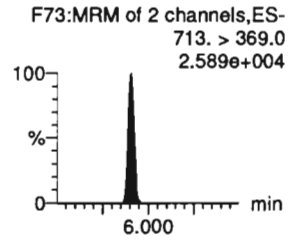
PFDoS



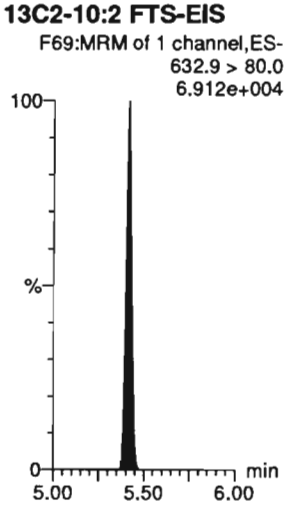


PFTeDA

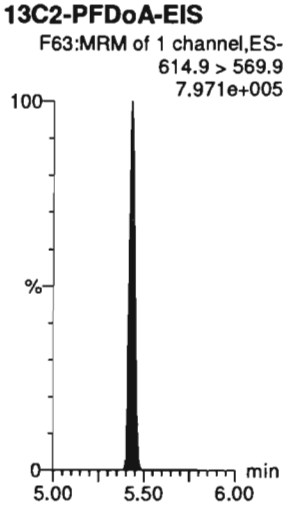




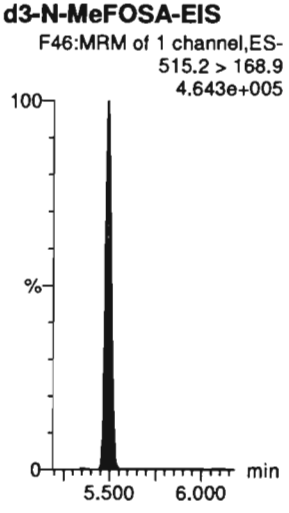
13C2-10:2 FTS-EIS



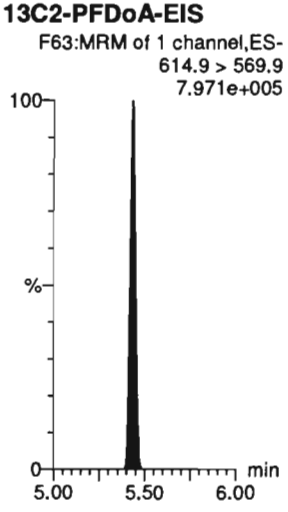
13C2-PFDoA-EIS



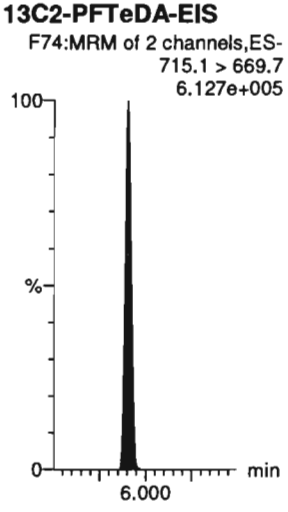
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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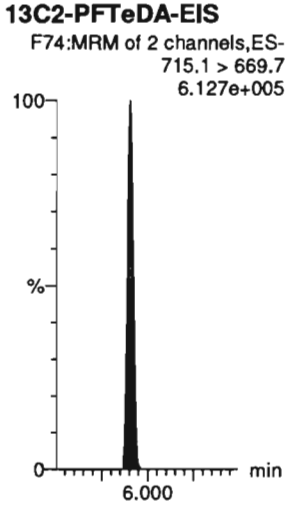


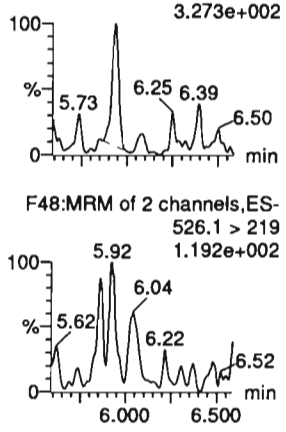
OPV 6/12/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-ICV.qld

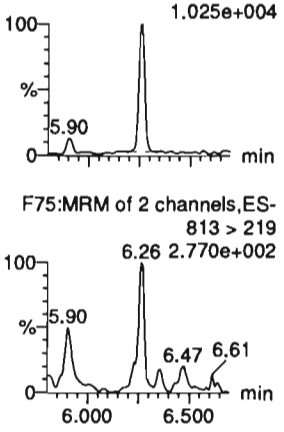
Last Altered: Friday, June 12, 2020 13:50:46 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:51:20 Pacific Daylight Time

Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

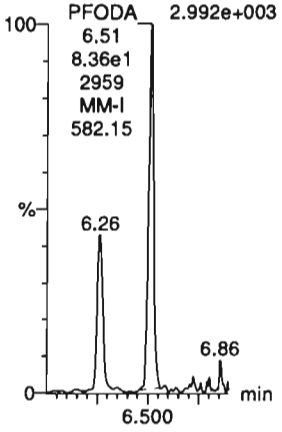
N-EtFOSA



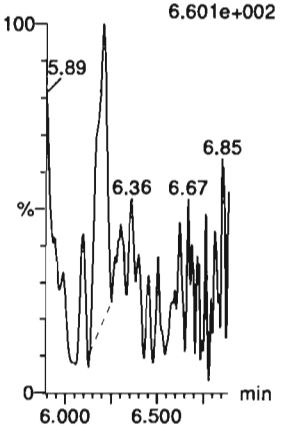
PFHxDA



PFODA



N-MeFOSE



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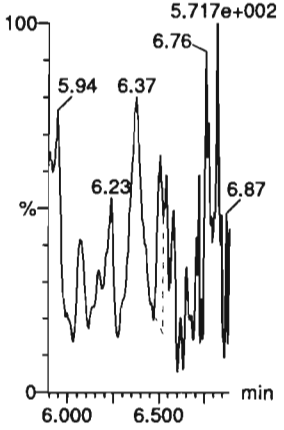
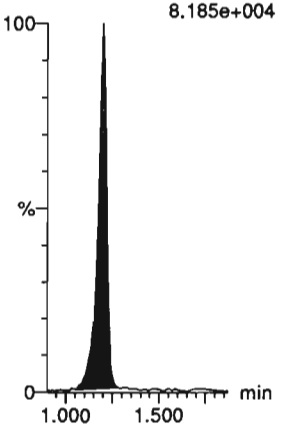
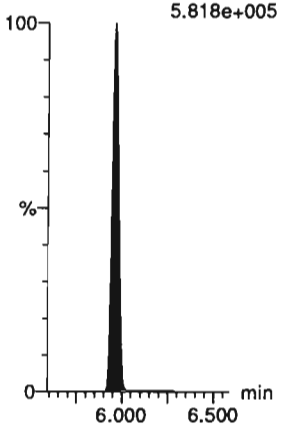


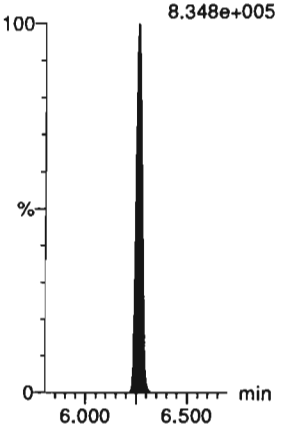
13C3-PFBA-RSD



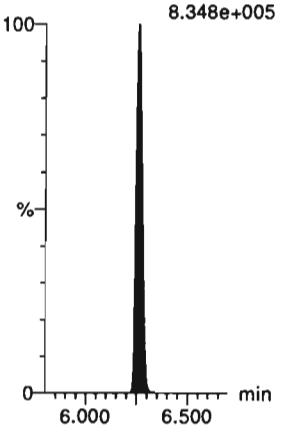
d5-N-ETFOSA-EIS



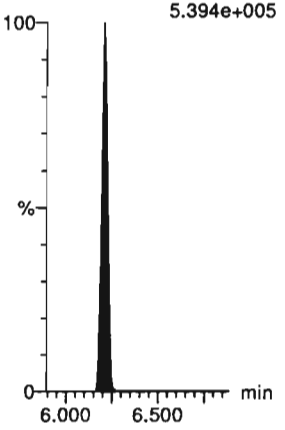
13C2-PFHxDA-EIS



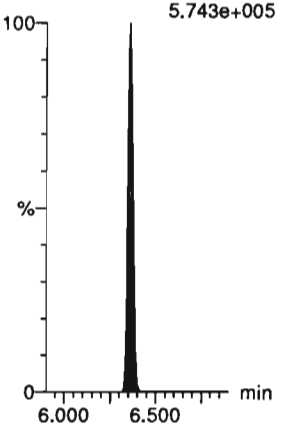
13C2-PFHxDA-EIS



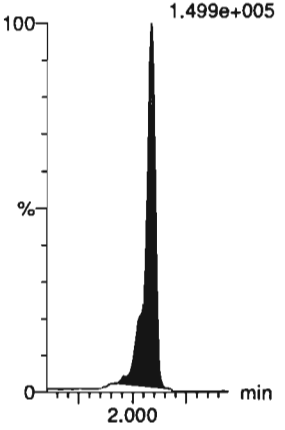
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-ICV.qld

Last Altered: Friday, June 12, 2020 13:50:46 Pacific Daylight Time
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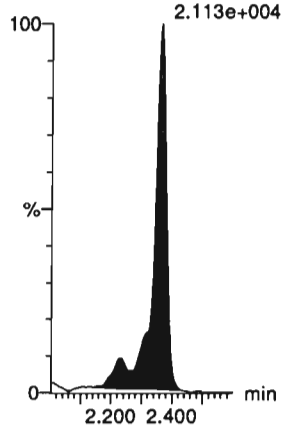
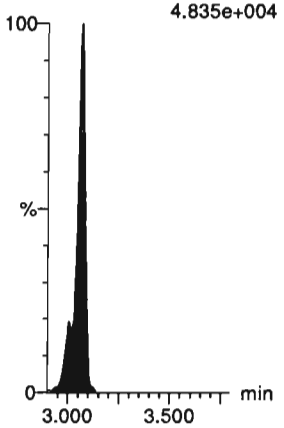
Name: 200612P1-16, Date: 12-Jun-2020, TIme: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

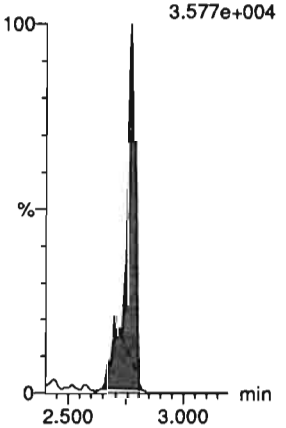
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.113e+004



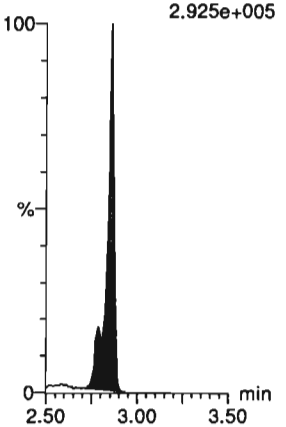
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
4.835e+004



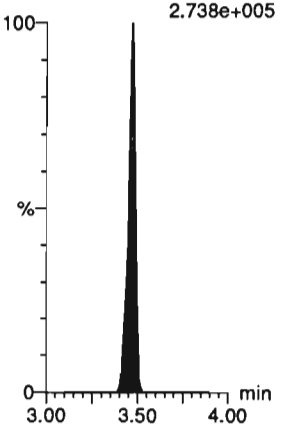
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.577e+004



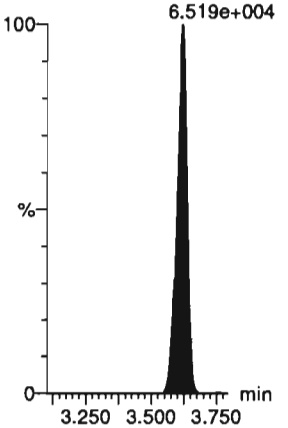
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.925e+005



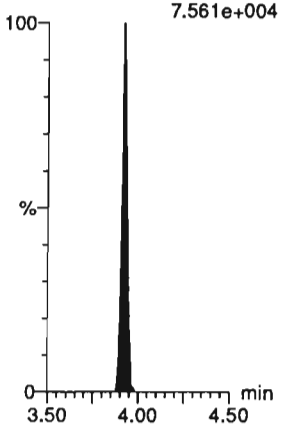
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.738e+005



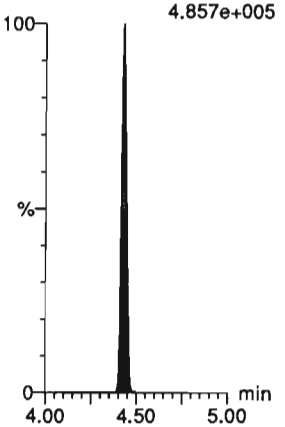
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.519e+004



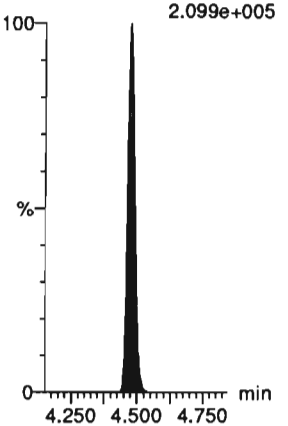
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
7.561e+004



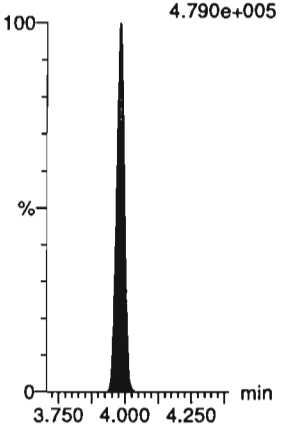
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
4.857e+005



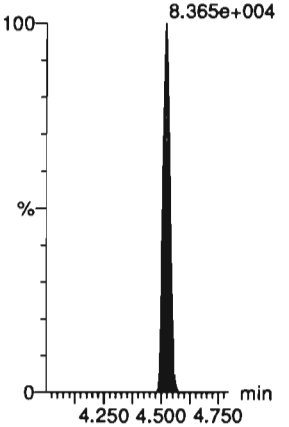
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
2.099e+005



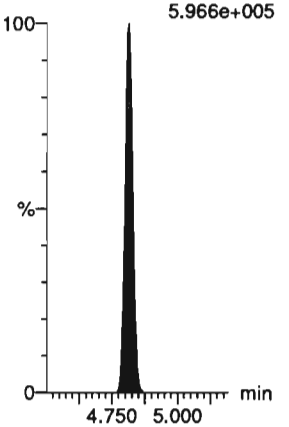
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.790e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
8.365e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
5.966e+005



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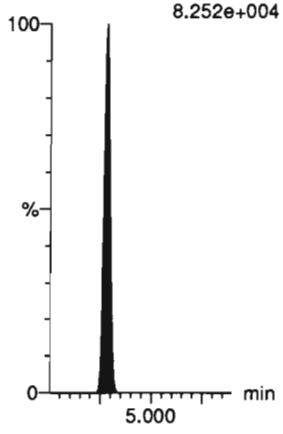
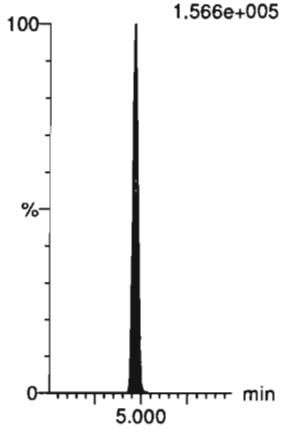
Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

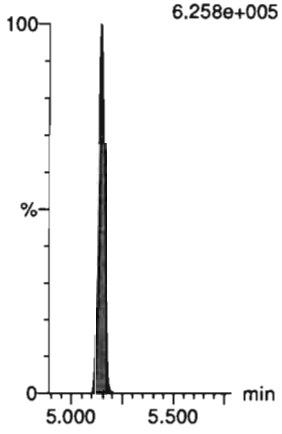
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
8.252e+004



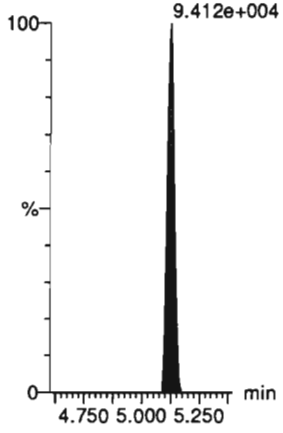
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.566e+005



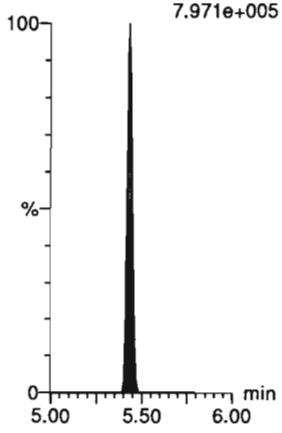
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
6.258e+005



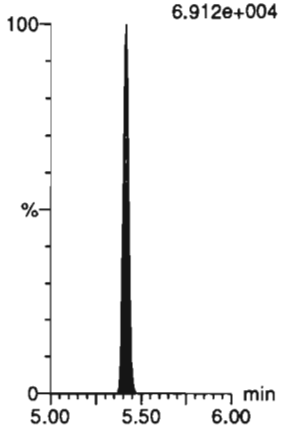
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.412e+004



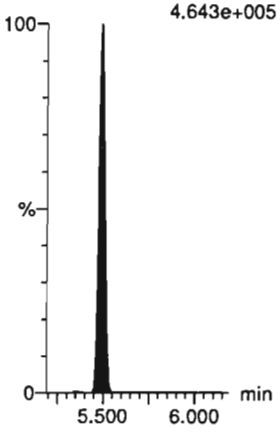
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
7.971e+005



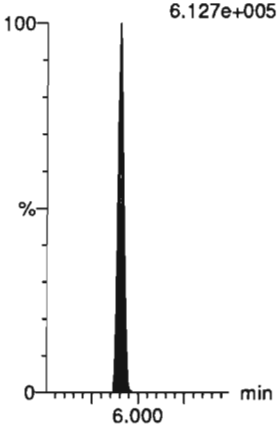
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
6.912e+004



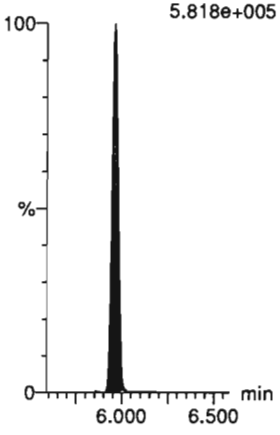
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
4.643e+005



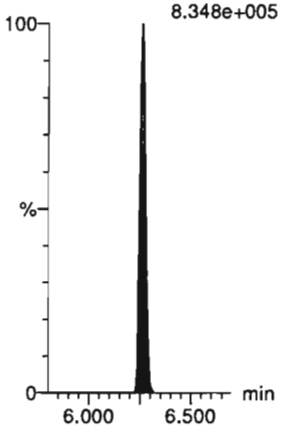
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
6.127e+005



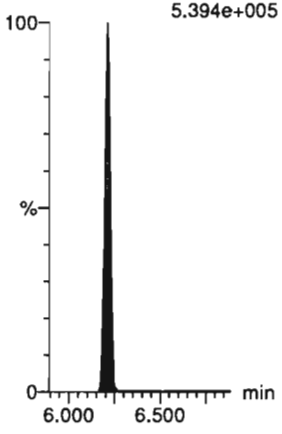
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.818e+005



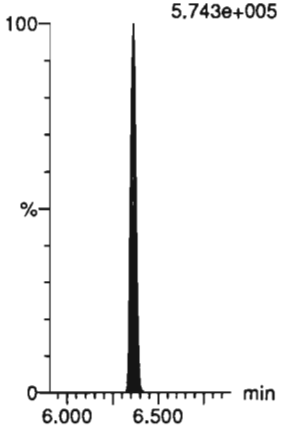
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
8.348e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
5.394e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.743e+005



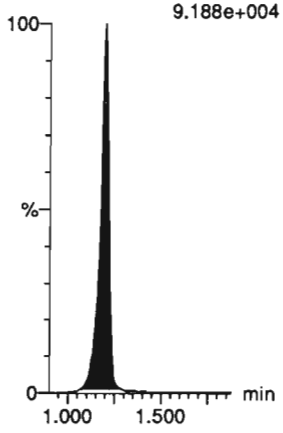
OPV 6/12/2020

Dataset: D:\PFAS5.PRO\RESULTS\200612P1\200612P1-ICV.qld

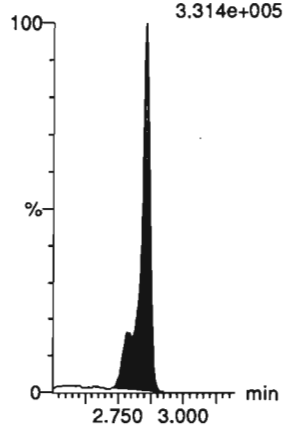
Last Altered: Friday, June 12, 2020 13:50:46 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:51:20 Pacific Daylight Time

Name: 200612P1-16, Date: 12-Jun-2020, Time: 11:46:20, ID: ICV200612P1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

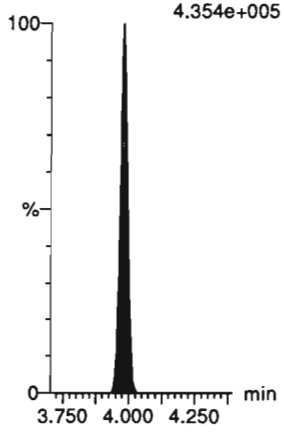
13C4-PFBA



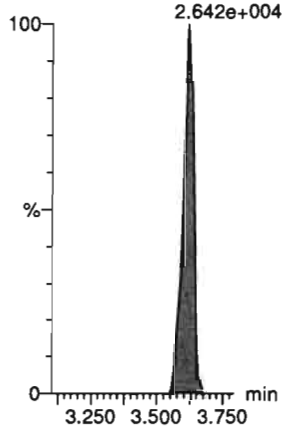
13C5-PFHxA



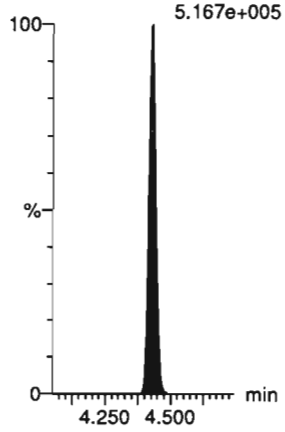
13C8-PFOA



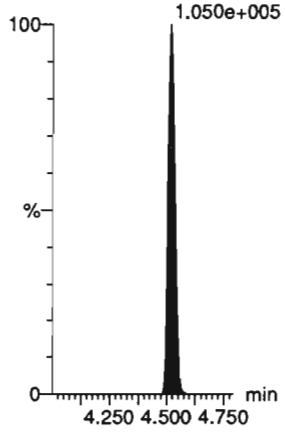
18O2-PFHxS



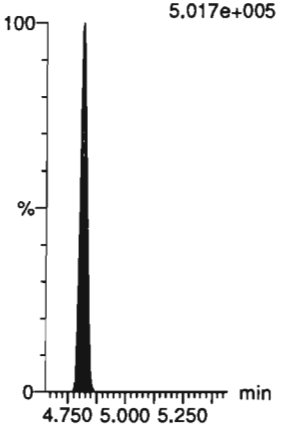
13C9-PFNA



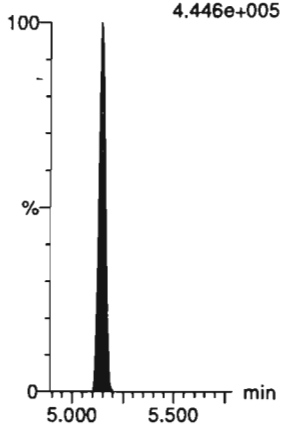
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/12/2020

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Friday, June 12, 2020 13:43:44 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:43:46 Pacific Daylight Time

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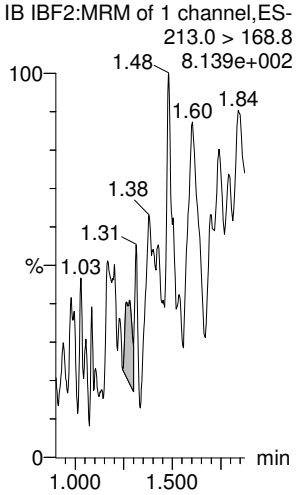
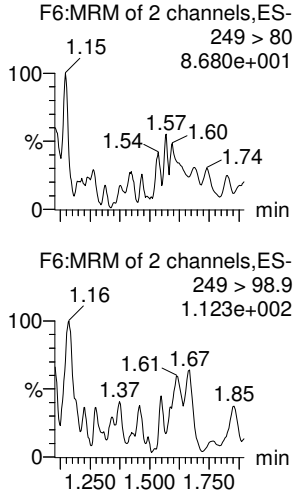
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-12-20.cdb 12 Jun 2020 13:32:38

Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

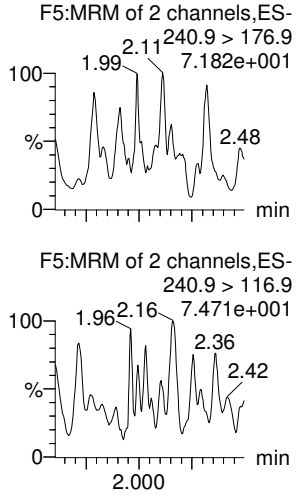
PFBA



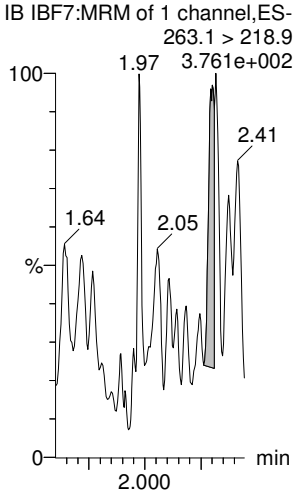
PFPrS



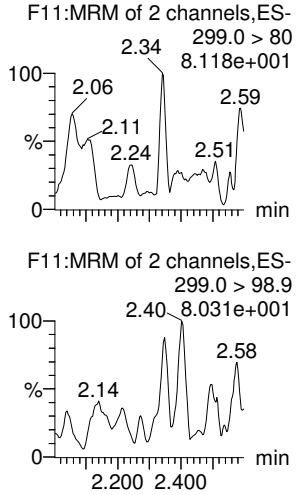
3:3 FTCA



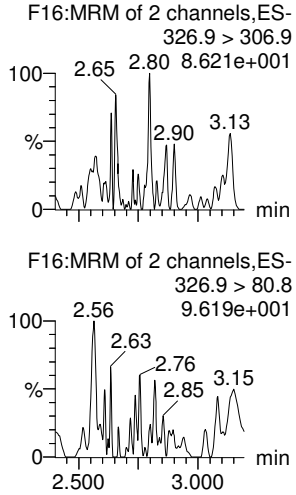
PFPeA



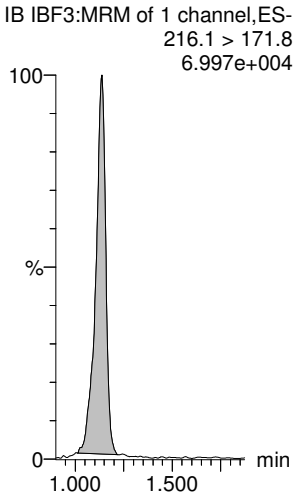
PFBS



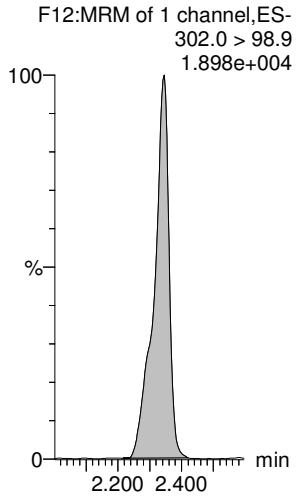
4:2 FTS



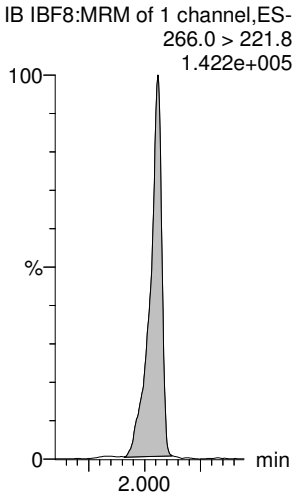
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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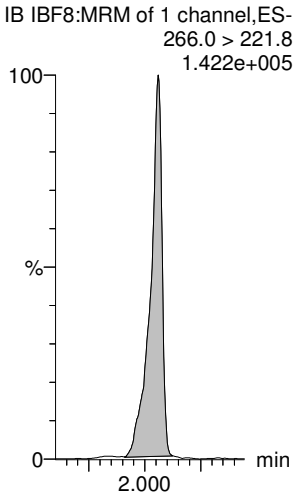

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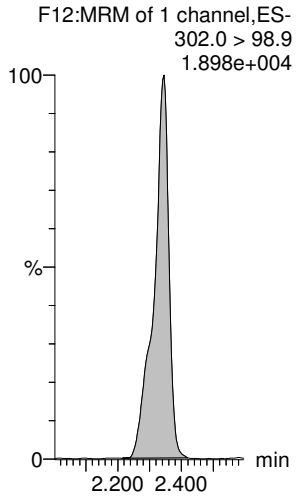
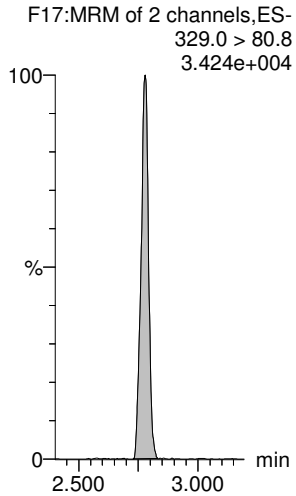


13C2-4:2 FTS-EIS



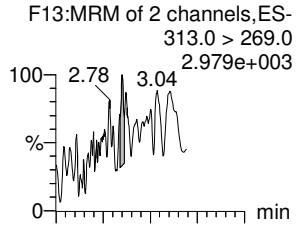
Vista Analytical Laboratory

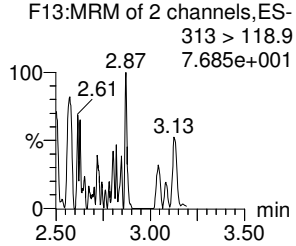
Dataset: Untitled

Last Altered: Friday, June 12, 2020 13:43:44 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:43:46 Pacific Daylight Time

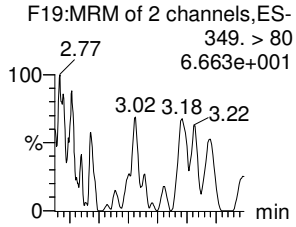
Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

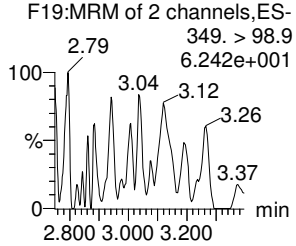
PFHxA



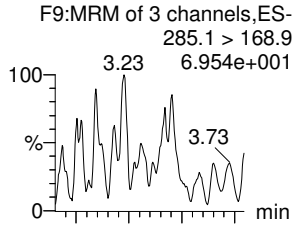


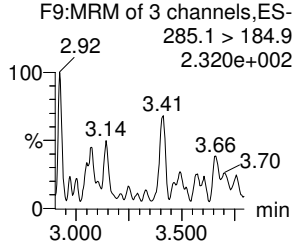
PFPeS



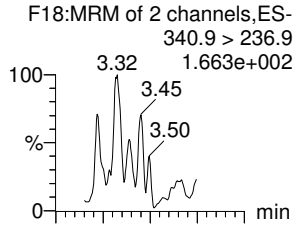


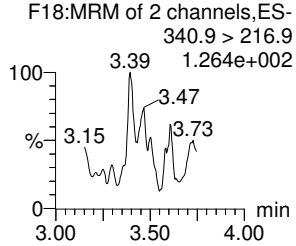
HFPO-DA



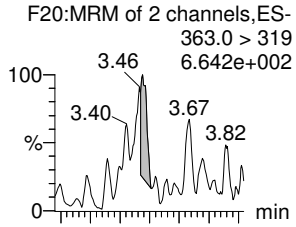


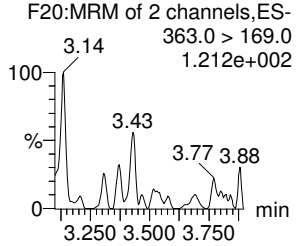
5:3 FTCA



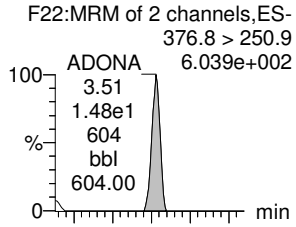


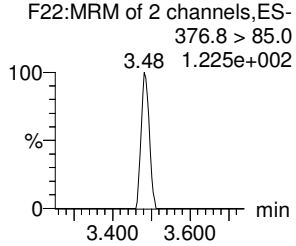
PFHpA



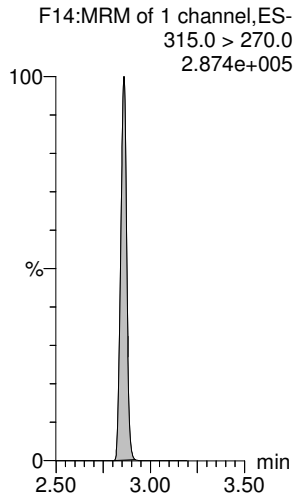


ADONA

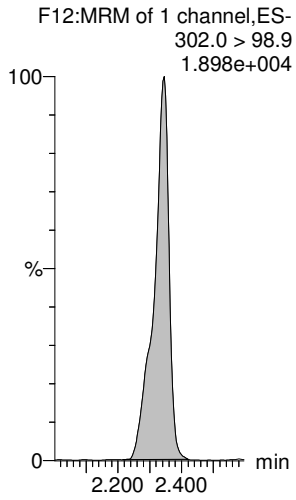




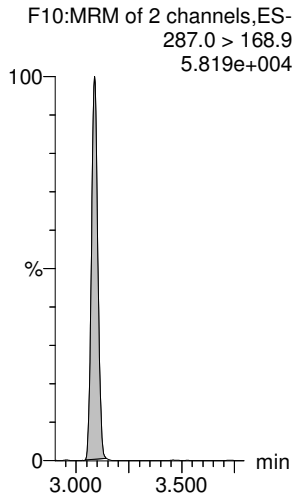
13C2-PFHxA-EIS



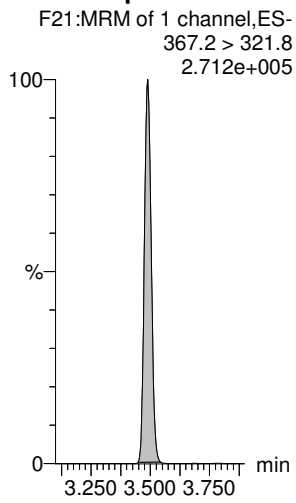
13C3-PFBS-EIS



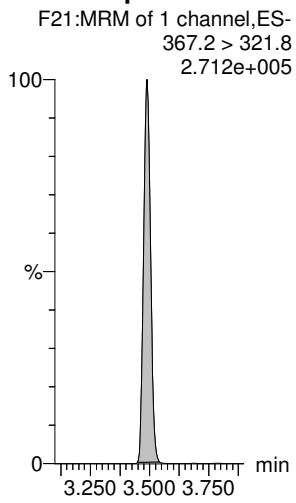
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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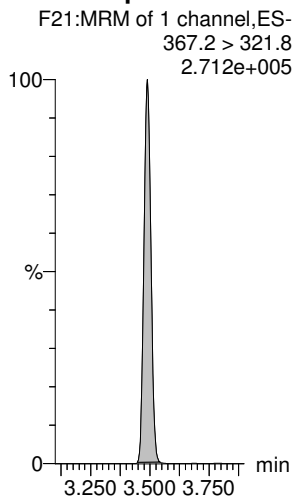


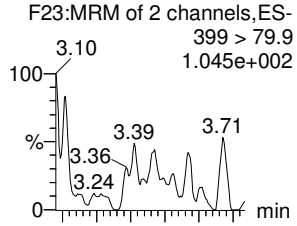
Vista Analytical Laboratory

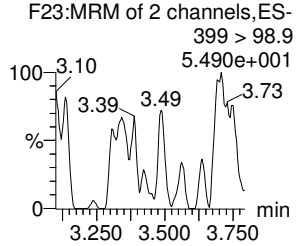
Dataset: Untitled

Last Altered: Friday, June 12, 2020 13:43:44 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:43:46 Pacific Daylight Time

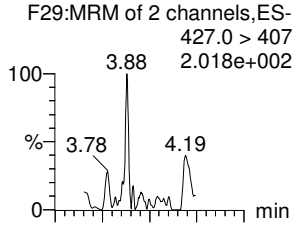
Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

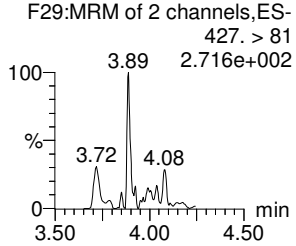
L-PFHxS



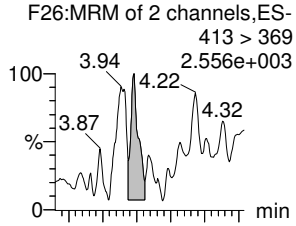


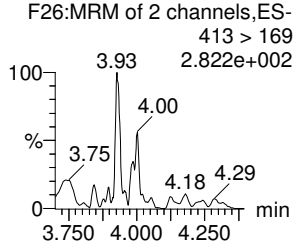
6:2 FTS



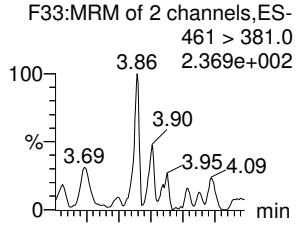


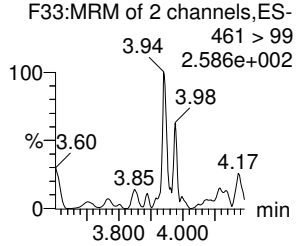
L-PFOA





PFEChS





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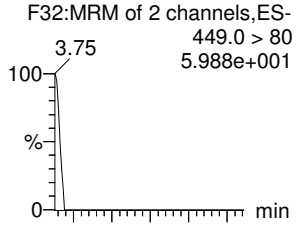
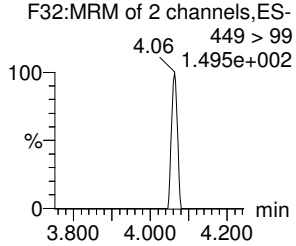
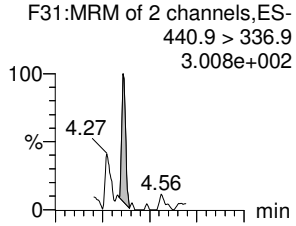
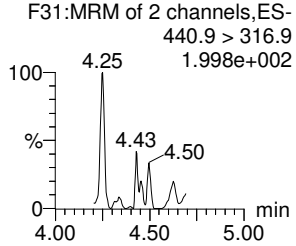




7:3 FTCA





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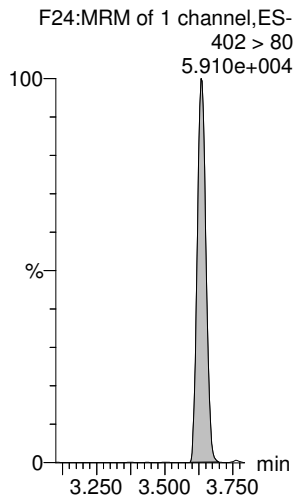
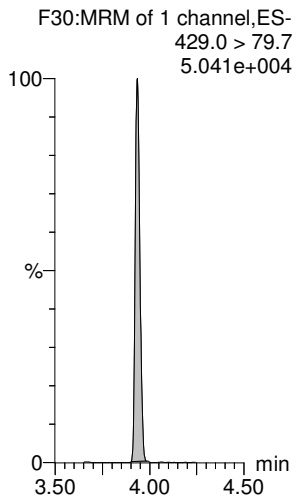


13C2-6:2 FTS-EIS



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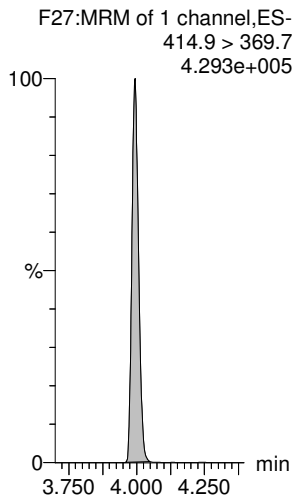

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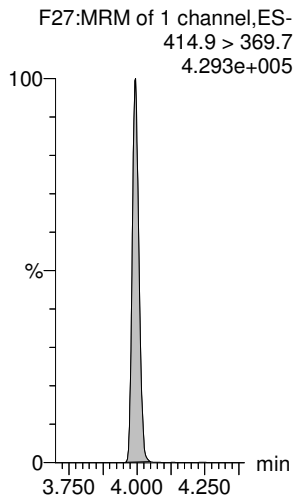

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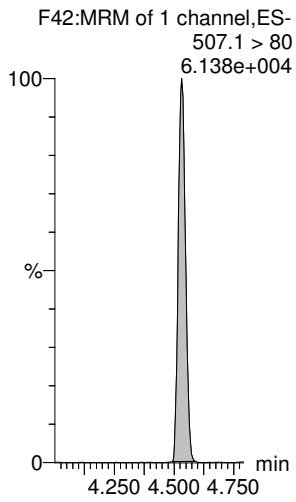

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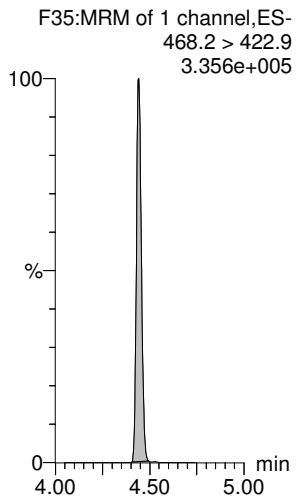

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Last Altered: Friday, June 12, 2020 13:43:44 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:43:46 Pacific Daylight Time

Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

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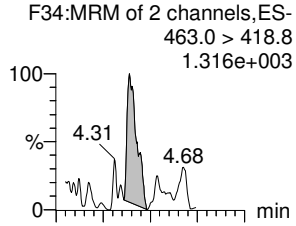

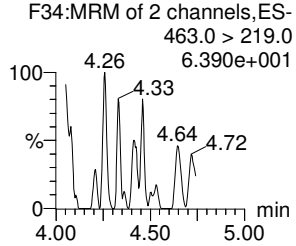

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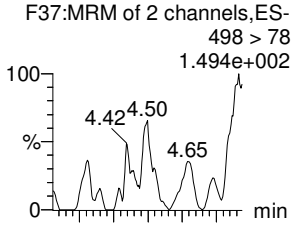

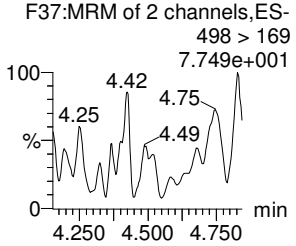

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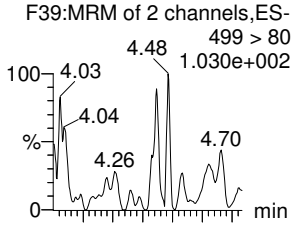

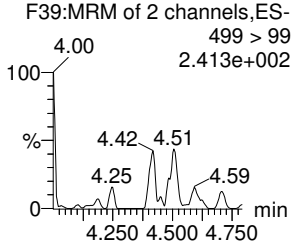

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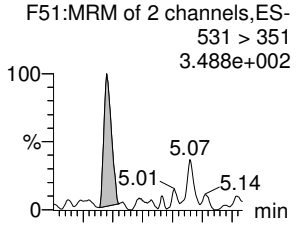

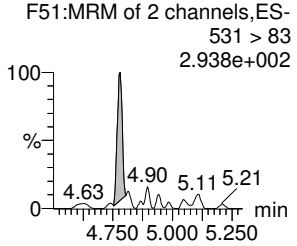

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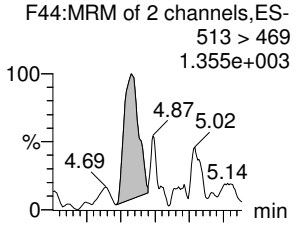
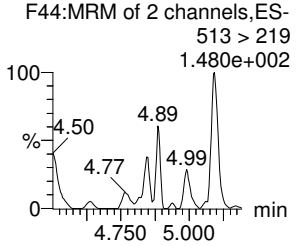
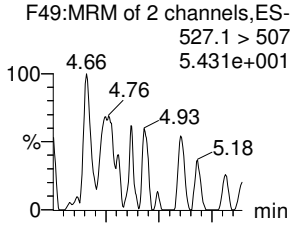
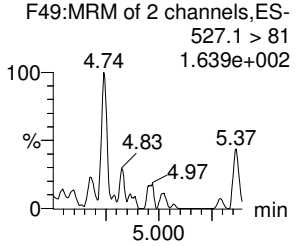




8:2 FTS





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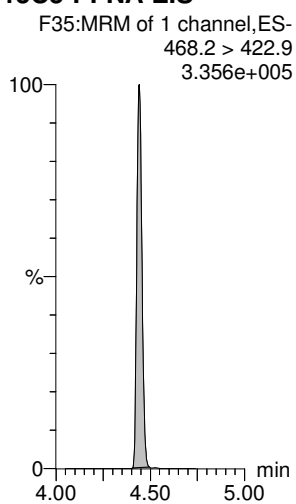
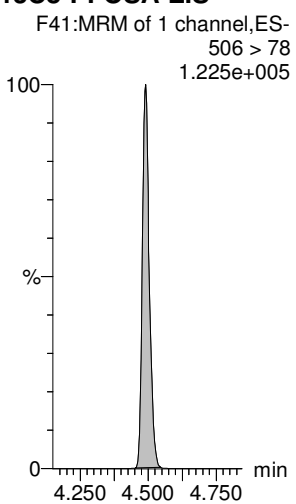


13C8-PFOSA-EIS



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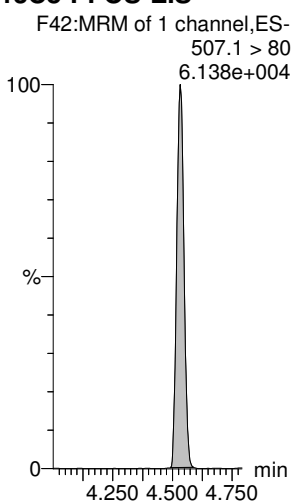

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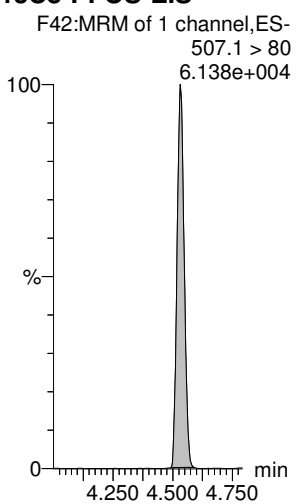

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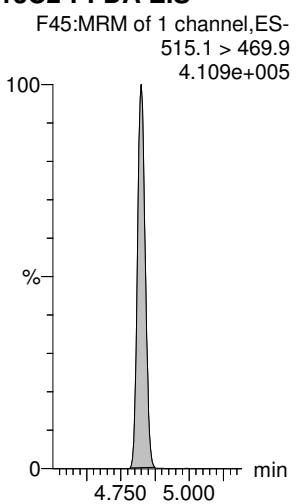
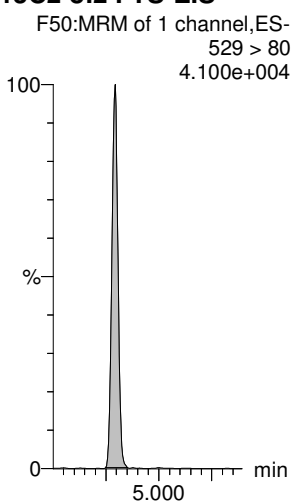


13C2-8:2 FTS-EIS



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Last Altered: Friday, June 12, 2020 13:43:44 Pacific Daylight Time
Printed: Friday, June 12, 2020 13:43:46 Pacific Daylight Time

Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

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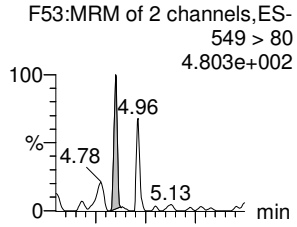

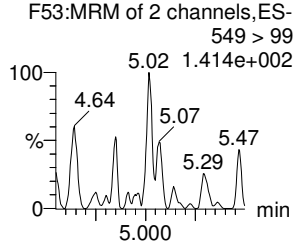

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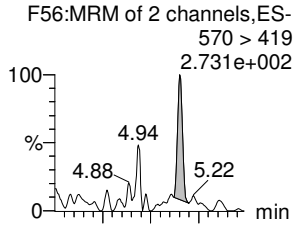

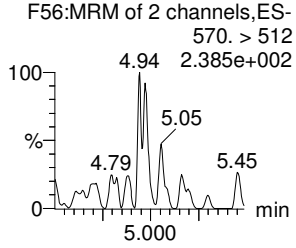

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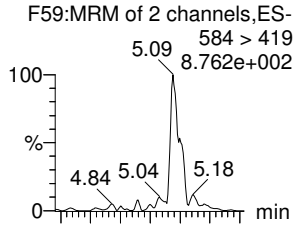

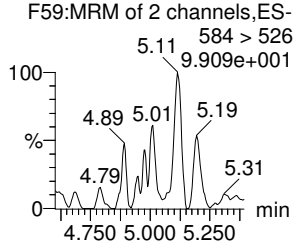

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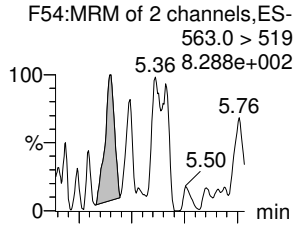

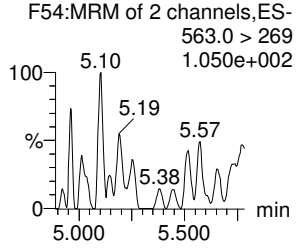

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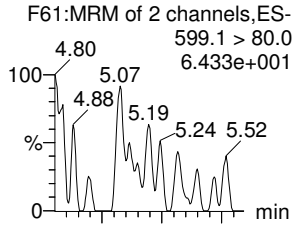

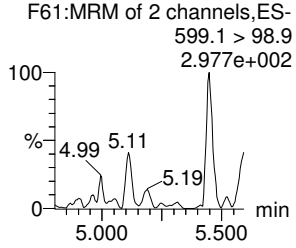

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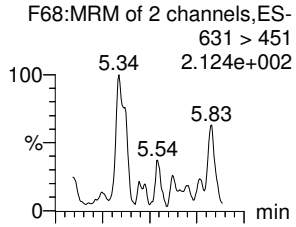
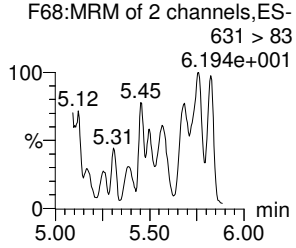
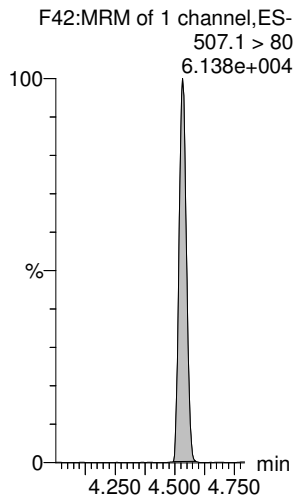




13C8-PFOS-EIS



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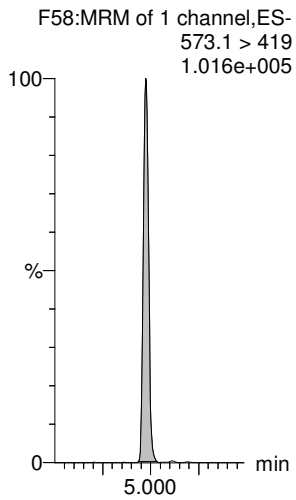

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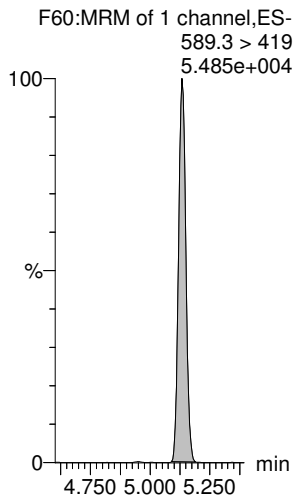

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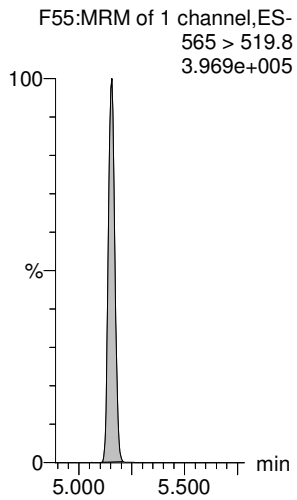

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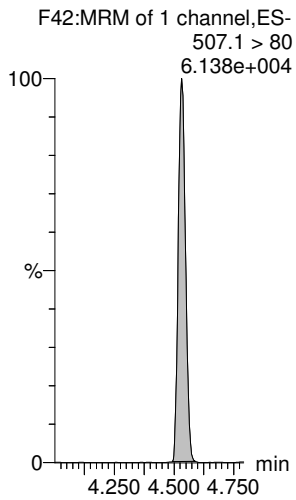

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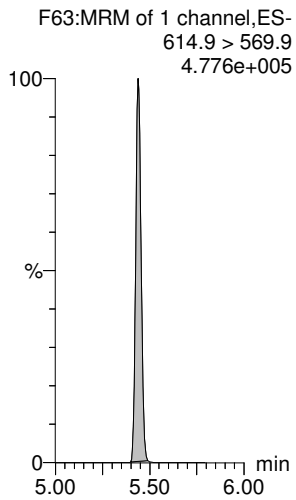

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Last Altered: Friday, June 12, 2020 13:43:44 Pacific Daylight Time
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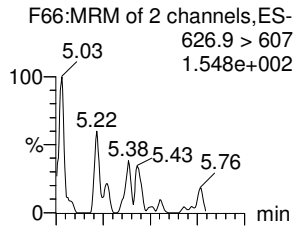
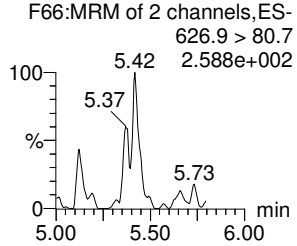
Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

10:2 FTS





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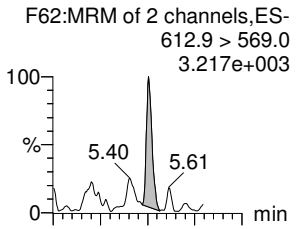
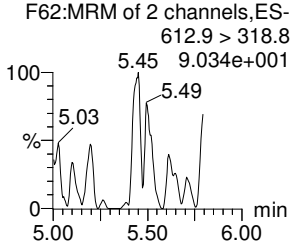
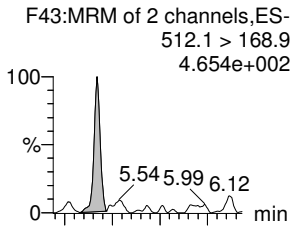
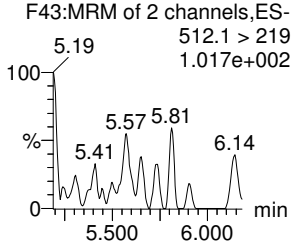




N-MeFOSA





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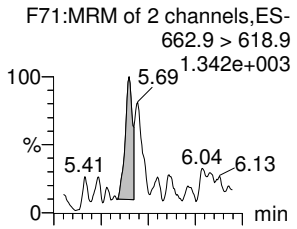

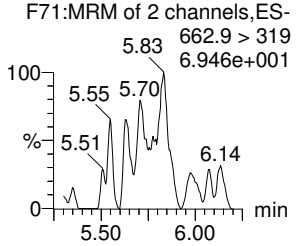

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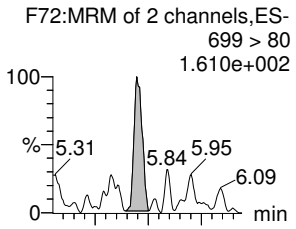

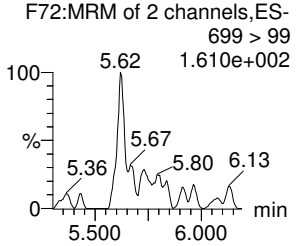

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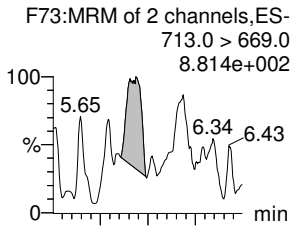
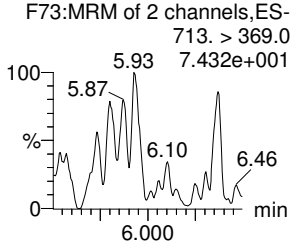
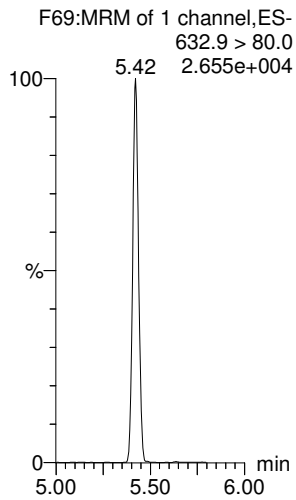
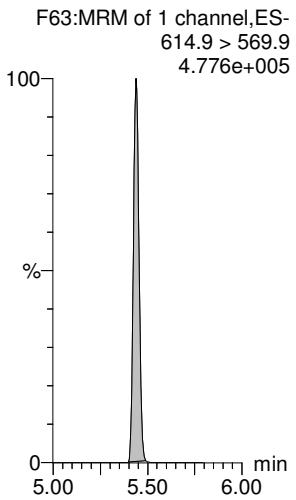




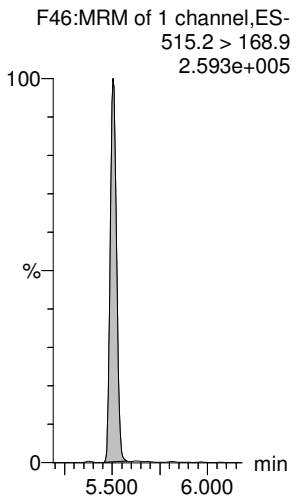
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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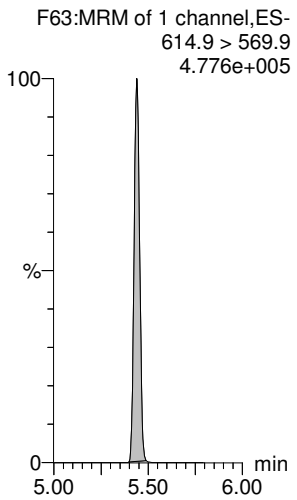

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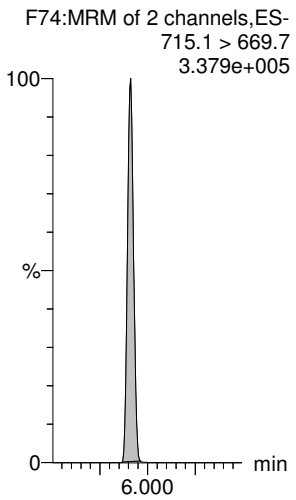

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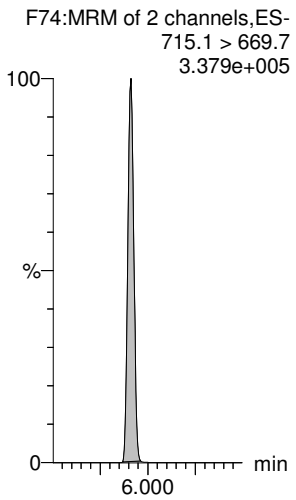

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Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

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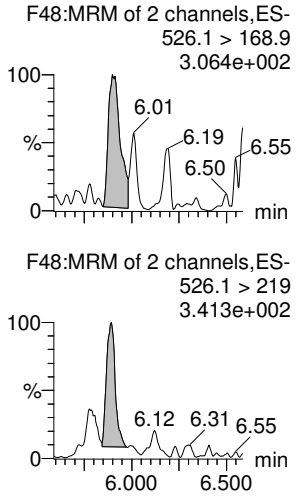

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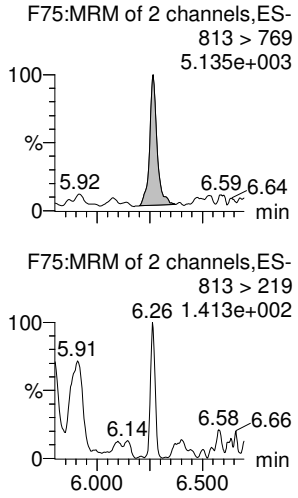

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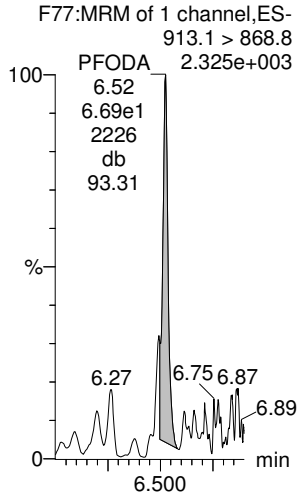

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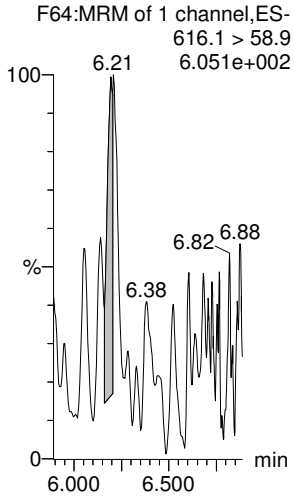

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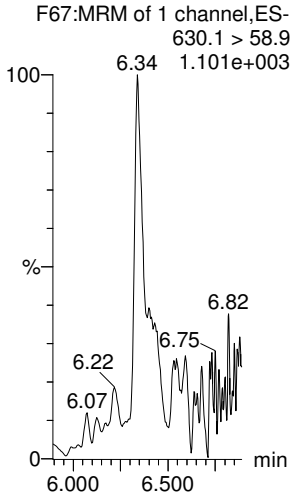

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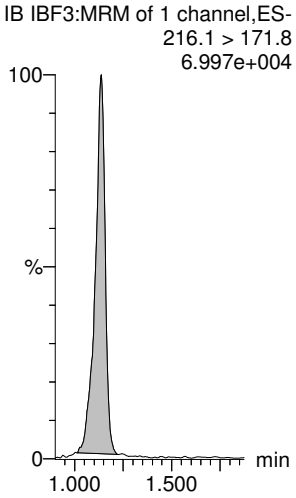

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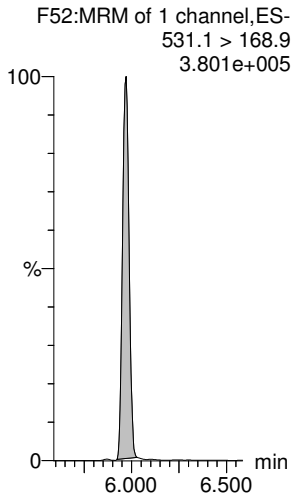

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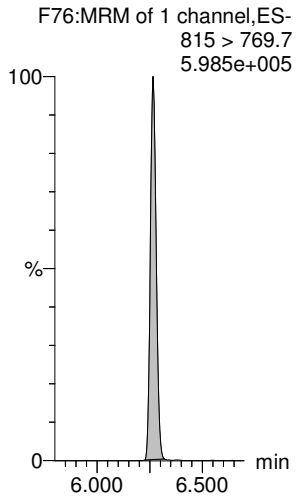

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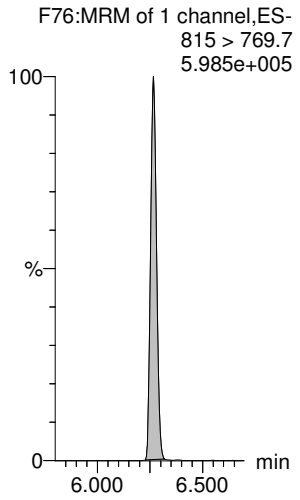

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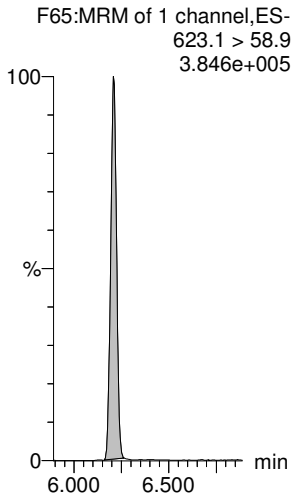

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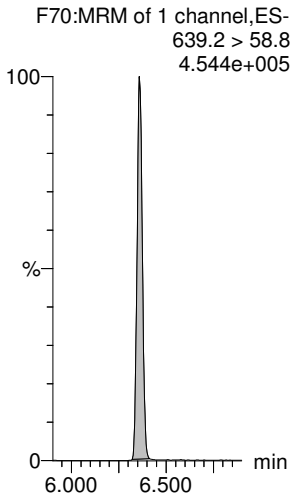

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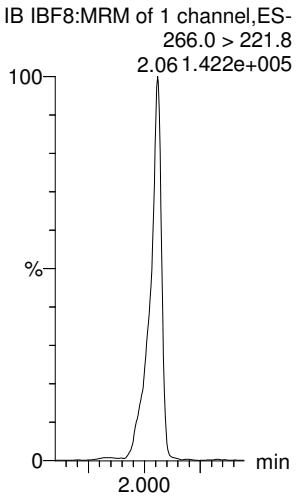

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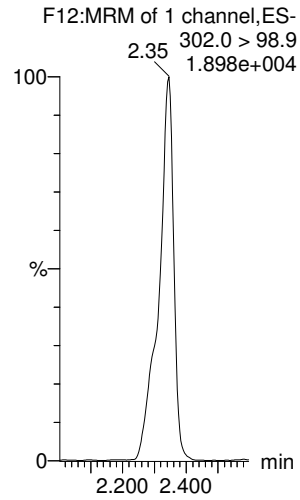
Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

13C3-PFBS-RSD



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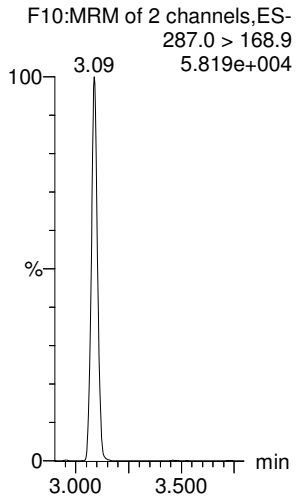
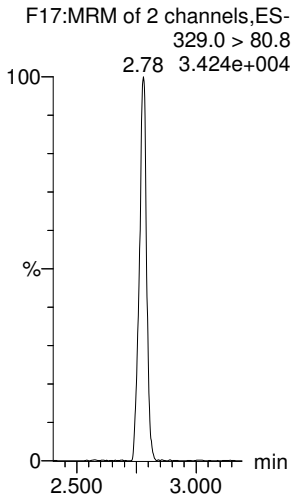


13C2-4:2 FTS-RSD



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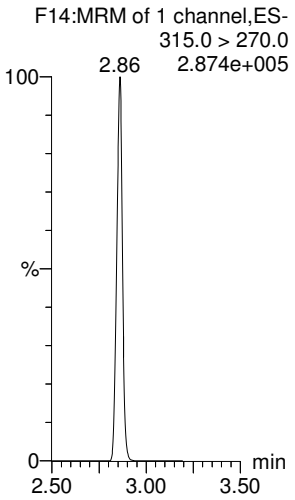

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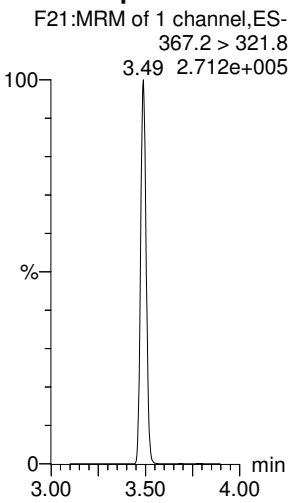

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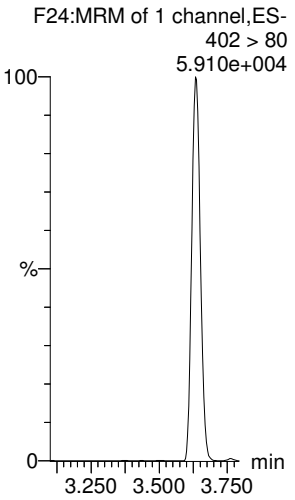

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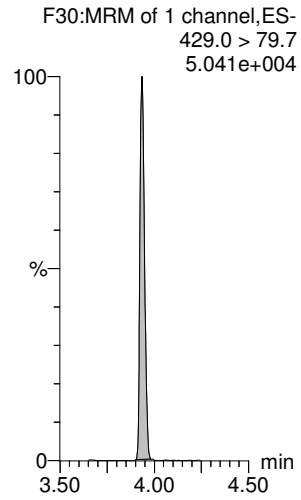

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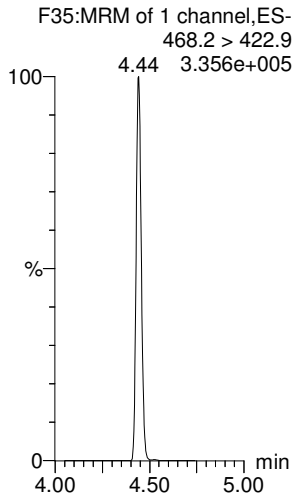

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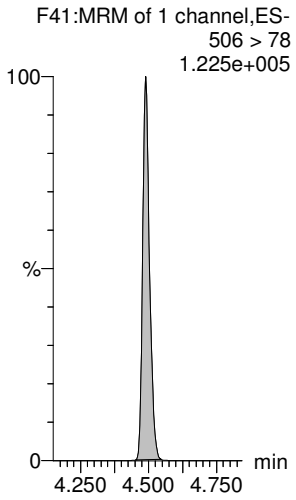

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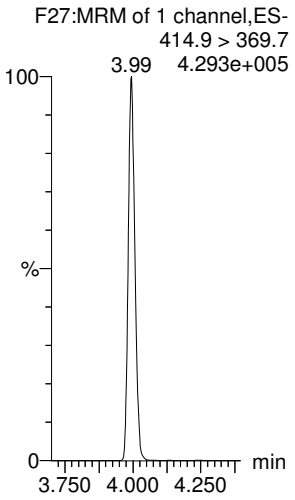

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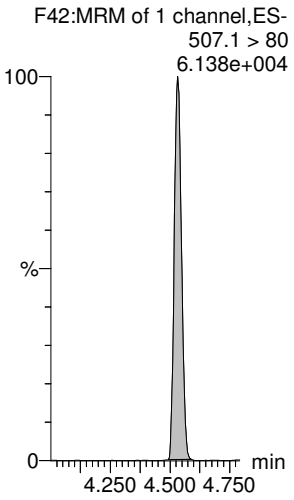

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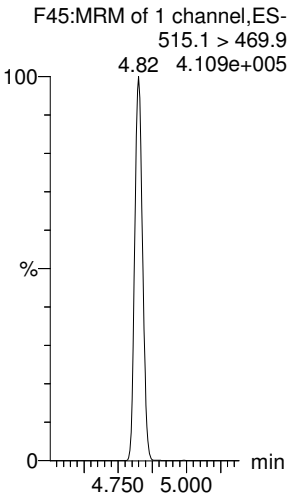

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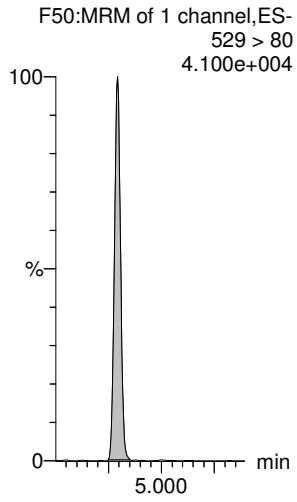
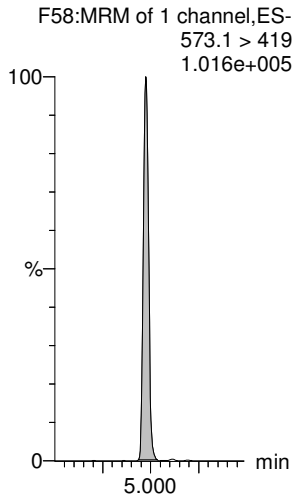
Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

13C2-8:2 FTS-RSD



d3-N-MeFOSAA-RSD



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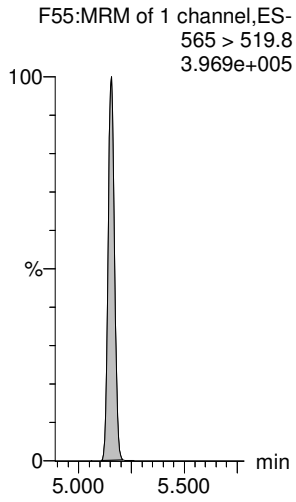

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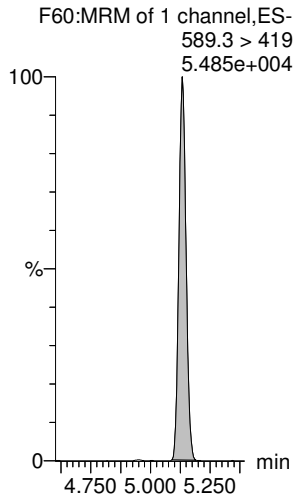

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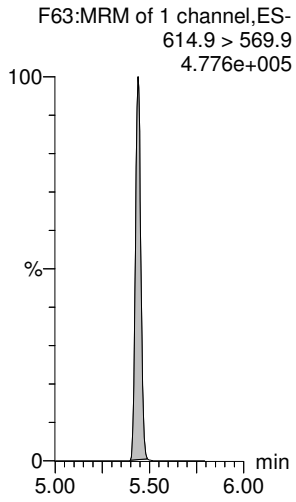
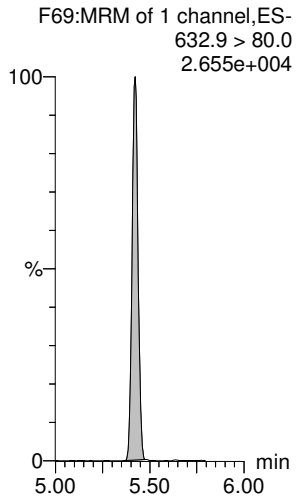


13C2-10:2 FTS-RSD



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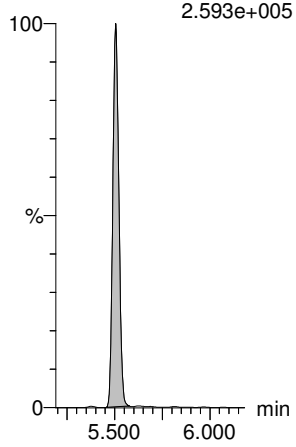
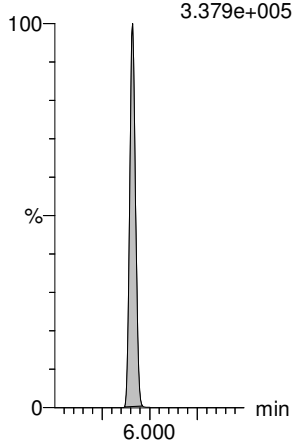


13C2-PFTeDA-RSD



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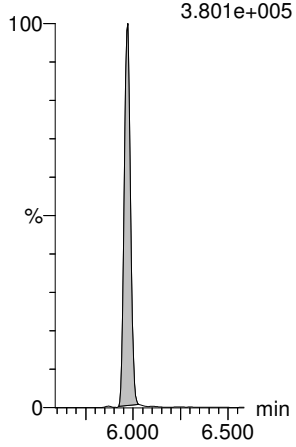

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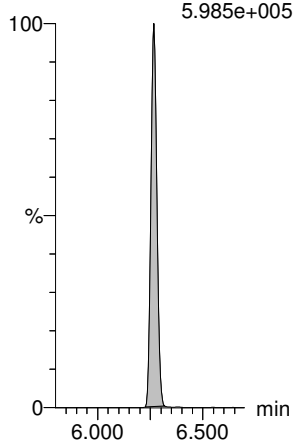

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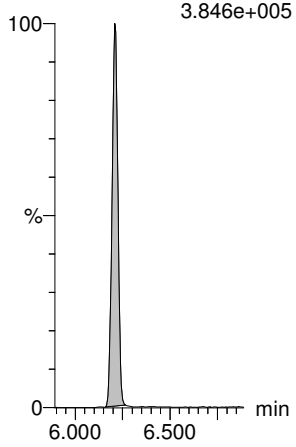

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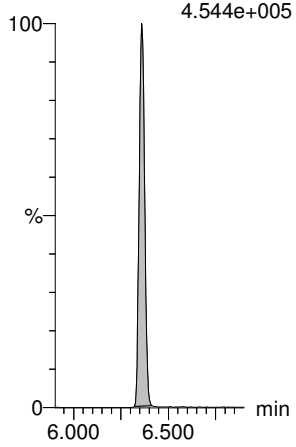

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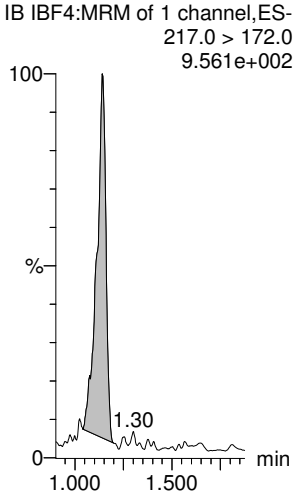
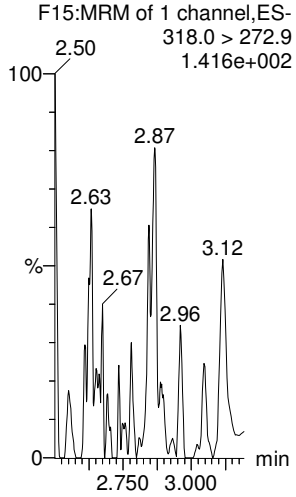
Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

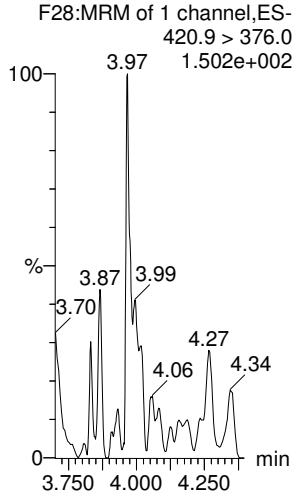
13C4-PFBA



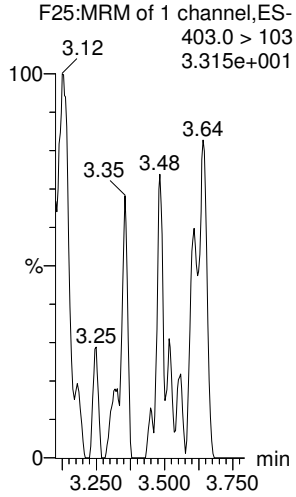
13C5-PFHxA



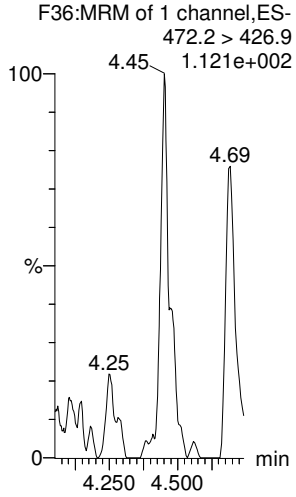
13C8-PFOA



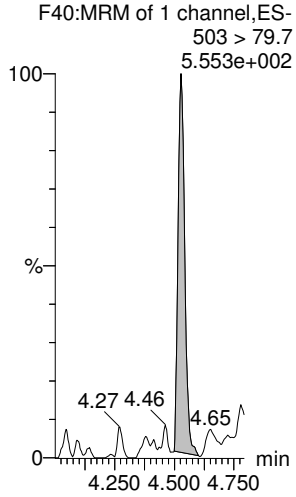
18O2-PFHxS



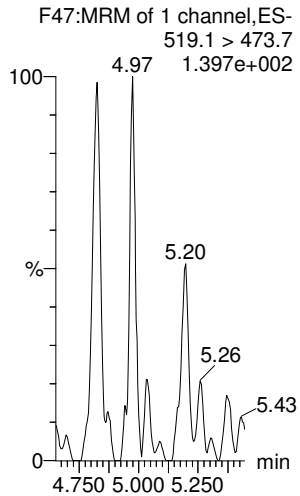
13C9-PFNA



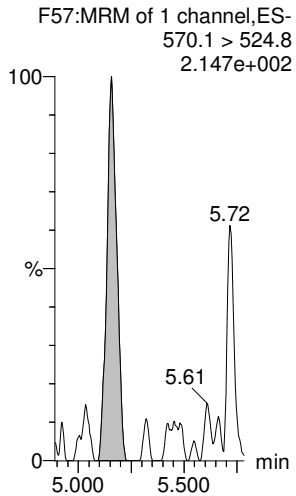
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	6.842	4083.608	1.00	1.28	0.021				NO		
2	2	PFPrS	249 > 80		1015.288	1.00						NO		YES
3	3	3:3 FTCA	240.9 > 176.9		8356.528	1.00						NO		YES
4	4	PFPeA	263.1 > 218.9	7.407	8356.528	1.00	2.30	0.011				NO		
5	5	PFBS	299.0 > 80		1015.288	1.00						NO		YES
6	6	4:2 FTS	326.9 > 306.9		1213.995	1.00						NO		YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4083.608		1.00	1.14	4083.608	12.500	12.3	98.7	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1015.288		1.00	2.35	1015.288	12.500	12.4	99.2	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	8356.528		1.00	2.06	8356.528	12.500	12.4	99.5	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	8356.528		1.00	2.06	8356.528	12.500	12.4	99.5	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1015.288		1.00	2.35	1015.288	12.500	12.4	99.2	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1213.995		1.00	2.78	1213.995	12.500	11.8	94.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	33.240	10213.009	1.00	2.85	0.041				NO		YES
15	8	PFPeS	349.>80		1015.288	1.00						NO		YES
16	9	HFPO-DA	285.1 > 168.9		1963.907	1.00						NO		YES
17	10	5:3 FTCA	340.9 > 236.9		8946.072	1.00						NO		YES
18	11	PFHpA	363.0 > 319	13.469	8946.072	1.00	3.47	0.019				NO		YES
19	12	ADONA	376.8 > 250.9	14.783	8946.072	1.00	3.51	0.021				NO		YES
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10213.009		1.00	2.86	10213.009	12.500	11.5	92.2	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1015.288		1.00	2.35	1015.288	12.500	12.4	99.2	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	1963.907		1.00	3.09	1963.907	12.500	12.3	98.1	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	8946.072		1.00	3.49	8946.072	12.500	11.5	92.3	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	8946.072		1.00	3.49	8946.072	12.500	11.5	92.3	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	8946.072		1.00	3.49	8946.072	12.500	11.5	92.3	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9		2125.724	1.00						NO		YES
28	15	6:2 FTS	427.0 > 407		1398.651	1.00						NO		YES
29	16	L-PFOA	413 > 369	76.016	11815.916	1.00	3.99	0.080		0.0215		NO		YES
30	18	PFecHS	461 > 381.0		11815.916	1.00						NO		YES
31	19	PFHpS	449.0 > 80		2119.140	1.00						NO		YES
32	20	7:3 FTCA	440.9 > 336.9	6.404	10258.204	1.00	4.36	0.008		0.0812		NO		YES
33	61	13C3-PFHxS-EIS	402 > 80	2125.724		1.00	3.63	2125.724	12.500	11.9	94.9	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1398.651		1.00	3.94	1398.651	12.500	11.5	91.7	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	11815.916		1.00	3.99	11815.916	12.500	12.0	96.4	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	11815.916		1.00	3.99	11815.916	12.500	12.0	96.4	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2119.140		1.00	4.53	2119.140	12.500	12.0	95.9	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	10258.204		1.00	4.44	10258.204	12.500	11.6	92.5	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	73.134	10258.204	1.00	4.39	0.089				NO		YES
41	22	PFOSA	498 > 78		3585.456	1.00						NO		YES
42	23	L-PFOS	499 > 80		2119.140	1.00						NO		YES
43	25	9Cl-PF30NS	531 > 351	12.409	2119.140	1.00	4.73	0.073				NO	1.858	NO
44	26	PFDA	513 > 469	76.483	13370.641	1.00	4.79	0.072		0.0311		NO		YES
45	27	8:2 FTS	527.1 > 507		1373.095	1.00						NO		YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	10258.204		1.00	4.44	10258.204	12.500	11.6	92.5	NO		
47	67	13C8-PFOSA-EIS	506 > 78	3585.456		1.00	4.49	3585.456	12.500	11.3	90.6	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2119.140		1.00	4.53	2119.140	12.500	12.0	95.9	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2119.140		1.00	4.53	2119.140	12.500	12.0	95.9	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	13370.641		1.00	4.82	13370.641	12.500	12.0	96.0	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1373.095		1.00	4.79	1373.095	12.500	11.8	94.6	NO		
52	-1													
53	28	PFNS	549 > 80	9.567	2119.140	1.00	4.85	0.056				NO		YES
54	29	L-MeFOSAA	570 > 419	7.230	3117.808	1.00	5.15	0.029				NO		YES
55	31	L-EtFOSAA	584 > 419		1919.263	1.00						NO		YES
56	33	PFUdA	563.0 > 519	39.882	13845.605	1.00	5.15	0.036				NO		YES
57	34	PFDS	599.1 > 80.0		2119.140	1.00						NO		YES
58	35	11Cl-PF30UdS	631 > 451		15744.567	1.00						NO		YES
59	71	13C8-PFOS-EIS	507.1 > 80	2119.140		1.00	4.53	2119.140	12.500	12.0	95.9	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3117.808		1.00	4.97	3117.808	12.500	10.8	86.1	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	1919.263		1.00	5.13	1919.263	12.500	9.83	78.7	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	13845.605		1.00	5.16	13845.605	12.500	11.4	91.5	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2119.140		1.00	4.53	2119.140	12.500	12.0	95.9	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	15744.567		1.00	5.44	15744.567	12.500	11.6	93.1	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607			1.00						NO		YES
67	37	PFDoA	612.9 > 569.0	107.127	15744.567	1.00	5.51	0.085		0.0667		NO		YES
68	38	N-MeFOSA	512.1 > 168.9	16.926	9682.515	1.00	5.42	0.261		0.218		NO		YES
69	39	PFTrDA	662.9 > 618.9	52.307	15744.567	1.00	5.65	0.042				NO		YES
70	40	PFDoS	699 > 80	7.129	12084.042	1.00	5.70	0.007				NO		YES
71	41	PFTeDA	713.0 > 669.0	50.856	12084.042	1.00	5.94	0.053				NO		YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0			1.00			12.500			NO		

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Name: 200612P1-15, Date: 12-Jun-2020, Time: 11:04:23, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	15744.567		1.00	5.44	15744.567	12.500	11.6	93.1	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	9682.515		1.00	5.50	9682.515	149.200	127	85.2	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	15744.567		1.00	5.44	15744.567	12.500	11.6	93.1	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	12084.042		1.00	5.91	12084.042	12.500	10.9	87.0	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	12084.042		1.00	5.91	12084.042	12.500	10.9	87.0	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	21.628	14606.435	1.00	5.90	0.221				NO	1.300	NO
80	43	PFHxDA	813 > 769	200.570	19181.236	1.00	6.27	0.131				NO		YES
81	44	PFODA	913.1 > 868.8	66.919	19181.236	1.00	6.52	0.044		0.00196		NO		
82	45	N-MeFOSE	616.1 > 58.9	15.446	13364.892	1.00	6.19	0.172		0.0191		NO		
83	46	N-EtFOSE	630.1 > 58.9		14815.760	1.00						NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4083.608	49.033	1.00	1.14	1041.036	12.500	1140	9121.9	YES		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	14606.435		1.00	5.97	14606.435	149.200	124	82.9	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	19181.236		1.00	6.27	19181.236	12.500	11.3	90.4	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	19181.236		1.00	6.27	19181.236	12.500	11.3	90.4	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	13364.892		1.00	6.21	13364.892	149.200	113	75.7	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	14815.760		1.00	6.36	14815.760	149.200	127	84.8	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62	13C3-PFHxS-RSD	402 > 80			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1398.651	17.473	1.00	3.94	1000.580	12.500	1660	13272.3	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506 > 78	3585.456	11.637	1.00	4.49	3851.353	12.500	10400	83122.8	YES		
101	70	13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2119.140	17.473	1.00	4.53	1516.010	12.500	1770	14157.2	YES		
103	74	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1373.095	17.473	1.00	4.79	982.298	12.500	1680	13444.3	YES		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	3117.808	11.637	1.00	4.97	3349.025	12.500	10200	81360.9	YES		
107	80	13C2-PFUdA-RSD	565 > 519.8	13845.605	11.637	1.00	5.16	14872.395	12.500	10500	84363.0	YES		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	1919.263	11.637	1.00	5.13	2061.596	12.500	9610	76851.7	YES		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	15744.567		1.00	5.44		12.500			NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	971.947	17.473	1.00	5.42	695.321	12.500	1730	13875.0	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	9682.515	11.637	1.00	5.50	10400.570	149.200	113000	75526.7	YES		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	12084.042	11.637	1.00	5.91	12980.195	12.500	9840	78750.8	YES		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	14606.435	11.637	1.00	5.97	15689.648	149.200	112000	74879.0	YES		
114	94	13C2-PFHxDA-RSD	815 > 769.7	19181.236	11.637	1.00	6.27	20603.717	12.500	10400	82858.3	YES		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	13364.892	11.637	1.00	6.21	14356.032	149.200	105000	70565.0	YES		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	14815.760	11.637	1.00	6.36	15914.497	149.200	111000	74143.8	YES		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	49.033	49.033	1.00	1.14	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1...	18O2-PFHxS	403.0 > 103			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 79.7	17.473	17.473	1.00	4.53	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8	11.637	11.637	1.00	5.16	12.500	12.500	12.5	100.0	NO		

July 09, 2020

Vista Work Order No. 2001272

Ms. Suzanne Yerina
CES Inc.
640 Main Street
Lewiston, ME 0240

Dear Ms. Yerina,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on June 12, 2020 under your Project Name 'Coakley Landfill'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2001272
Case Narrative

Sample Condition on Receipt:

Eleven aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

The following samples contained particulate and were centrifuged prior to extraction.

Laboratory ID	Sample Name
2001272-02	GW-AE-3A
2001272-03	GW-AE-3A-DUP
2001272-06	GW-AE-2A

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the EPA-recommended hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with each preparation batch. No analytes were detected in the Method Blanks above the Reporting Limit. The OPR recoveries were within the method acceptance criteria.

As requested, MS/MSDs were performed on samples "GW-MW-8" and "GW-AE-3A". The recoveries and/or RPDs were outside of the acceptance criteria for PFPeA, PFOS and MeFOSA in the MS/MSD associated with "GW-MW-8". The RPD was outside of the acceptance criteria for PFOS between the MS and MSD associated with "GW-AE-3A".

The internal standard recoveries outside of the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2001272-04	GW-FPC-7A	PFAS Isotope Dilution Method	13C3-PFBA	H	142
2001272-04	GW-FPC-7A	PFAS Isotope Dilution Method	13C2-PFHxDA	H	7.30
2001272-10	GW-FPC-8A	PFAS Isotope Dilution Method	13C3-PFBA	H	140
2001272-10	GW-FPC-8A	PFAS Isotope Dilution Method	d5-EtFOSA	H	6.80
2001272-11	GW-FPC-8B	PFAS Isotope Dilution Method	13C2-PFHxDA	H	17.9
B0F0146-BLK1	B0F0146-BLK1	PFAS Isotope Dilution Method	d5-EtFOSAA	H	48.8
B0F0146-BS1	B0F0146-BS1	PFAS Isotope Dilution Method	d5-EtFOSAA	H	49.0

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001272-01	GW-MW-8	MS/MSD10-Jun-20 09:25	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-02	GW-AE-3A	MS/MSD10-Jun-20 10:28	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-03	GW-AE-3A-DUP	10-Jun-20 10:28	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-04	GW-FPC-7A	10-Jun-20 14:25	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-05	GW-FPC-7B	10-Jun-20 13:48	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-06	GW-AE-2A	11-Jun-20 13:33	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-07	GW-AE-2B	11-Jun-20 13:01	12-Jun-20 09:55	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001272-08	GW-GZ-105	11-Jun-20 11:57	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-09	GW-GZ-105-DUP	11-Jun-20 11:57	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-10	GW-FPC-8A	11-Jun-20 10:43	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001272-11	GW-FPC-8B	11-Jun-20 10:05	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0146-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.365	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFPeA	2706-90-3	ND	0.640	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFBS	375-73-5	ND	0.895	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFHxA	307-24-4	ND	1.09	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFHpA	375-85-9	ND	0.296	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFHxS	355-46-4	ND	0.474	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
6:2 FTS	27619-97-2	ND	1.00	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFOA	335-67-1	ND	0.326	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFHpS	375-92-8	ND	0.469	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFNA	375-95-1	ND	0.405	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFOSA	754-91-6	ND	0.885	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFOS	1763-23-1	ND	0.404	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFDA	335-76-2	ND	0.745	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
8:2 FTS	39108-34-4	ND	1.03	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
MeFOSAA	2355-31-9	ND	0.825	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
EtFOSAA	2991-50-6	ND	0.685	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFUnA	2058-94-8	ND	0.525	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFDS	335-77-3	ND	0.615	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFDoA	307-55-1	ND	0.396	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
MeFOSA	31506-32-8	ND	1.92	10.0		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFTrDA	72629-94-8	ND	0.247	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFTeDA	376-06-7	ND	0.378	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
EtFOSA	4151-50-2	ND	2.56	10.0		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
PFHxDA	67905-19-5	ND	0.147	2.00		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
MeFOSE	24448-09-7	ND	3.04	10.0		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
EtFOSE	1691-99-2	ND	4.72	10.0		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	114	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C3-PFPeA	IS	79.5	60 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C3-PFBS	IS	81.5	60 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-PFHxA	IS	78.0	70 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C4-PFHpA	IS	73.1	60 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C3-PFHxS	IS	78.1	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-6:2 FTS	IS	66.6	40 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C5-PFNA	IS	72.5	50 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C8-PFOSA	IS	57.1	20 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-PFOA	IS	81.0	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C8-PFOS	IS	79.7	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0146-BLK1
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	69.8	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-8:2 FTS	IS	68.2	40 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
d3-MeFOSAA	IS	52.4	50 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-PFUnA	IS	67.6	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
d5-EtFOSAA	IS	48.8	50 - 150	H	B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-PFDoA	IS	55.1	30 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
d3-MeFOSA	IS	20.8	10 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-PFTeDA	IS	44.8	20 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
d5-EtFOSA	IS	15.6	10 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
13C2-PFHxDA	IS	26.1	20 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
d7-MeFOSE	IS	34.9	10 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1
d9-EtFOSE	IS	35.2	10 - 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:36	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill

Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0146-BS1 Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	39.5	40.0	98.8	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFPeA	2706-90-3	39.9	40.0	99.9	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFBS	375-73-5	37.3	40.0	93.3	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFHxA	307-24-4	40.2	40.0	100	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFHpA	375-85-9	36.7	40.0	91.8	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFHxS	355-46-4	48.3	40.0	121	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
6:2 FTS	27619-97-2	41.6	40.0	104	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFOA	335-67-1	43.0	40.0	108	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFHpS	375-92-8	35.5	40.0	88.7	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFNA	375-95-1	39.2	40.0	98.1	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFOSA	754-91-6	39.2	40.0	98.1	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFOS	1763-23-1	39.4	40.0	98.4	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFDA	335-76-2	40.4	40.0	101	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
8:2 FTS	39108-34-4	46.6	40.0	116	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
MeFOSAA	2355-31-9	33.9	40.0	84.8	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
EtFOSAA	2991-50-6	43.3	40.0	108	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFUnA	2058-94-8	41.7	40.0	104	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFDS	335-77-3	27.1	40.0	67.9	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFDoA	307-55-1	38.0	40.0	94.9	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
MeFOSA	31506-32-8	208	200	104	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFTrDA	72629-94-8	36.2	40.0	90.5	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFTeDA	376-06-7	41.7	40.0	104	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
EtFOSA	4151-50-2	173	200	86.4	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
PFHxDA	67905-19-5	42.9	40.0	107	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
MeFOSE	24448-09-7	192	200	96.2	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
EtFOSE	1691-99-2	232	200	116	60 - 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	121	60- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C3-PFPeA	IS	81.9	60- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C3-PFBS	IS	88.5	60- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-PFHxA	IS	81.2	70- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C4-PFHpA	IS	81.9	60- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C3-PFHxS	IS	79.3	60- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-6:2 FTS	IS	66.3	40- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C5-PFNA	IS	75.9	50- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0146-BS1
Column: BEH C18

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOSA	IS	59.0	20- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-PFOA	IS	83.0	60- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C8-PFOS	IS	87.8	60- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-PFDA	IS	75.9	60- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-8:2 FTS	IS	57.2	40- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
d3-MeFOSAA	IS	57.3	50- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-PFUnA	IS	74.3	60- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
d5-EtFOSAA	IS	49.0	50- 150	H	B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-PFDoA	IS	63.3	30- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
d3-MeFOSA	IS	17.4	10- 130		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-PFTeDA	IS	50.8	20- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
d5-EtFOSA	IS	13.5	10- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
13C2-PFHxDA	IS	30.0	20- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
d7-MeFOSE	IS	36.9	10- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1
d9-EtFOSE	IS	33.5	10- 150		B0F0146	21-Jun-20	0.250 L	23-Jun-20 19:47	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0288-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSA	31506-32-8	ND	3.83	20.0		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:46	1
EtFOSA	4151-50-2	ND	5.11	20.0		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:46	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d3-MeFOSA	IS	22.2	10 - 130		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:46	1
d5-EtFOSA	IS	21.7	10 - 150		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:46	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill

Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0288-BS1 Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSA	31506-32-8	499	400	125	60 - 130		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:56	1
EtFOSA	4151-50-2	485	400	121	60 - 130		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:56	1
Labeled Standards		**Type**		**% Rec**	**Limits**	**Qualifiers**	**Batch**	**Extracted**	**Samp Size**	**Analyzed**	**Dilution**
d3-MeFOSA		IS		15.6	10- 130		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:56	1
d5-EtFOSA		IS		16.2	10- 150		B0F0288	01-Jul-20	0.125 L	03-Jul-20 04:56	1

Sample ID: GW-MW-8

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-8
Matrix: Aqueous
Date Collected: 10-Jun-20 09:25

Laboratory Data

Lab Sample: 2001272-01
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	43.8	0.858	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFPeA	2706-90-3	226	1.51	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFBS	375-73-5	24.2	2.11	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFHxA	307-24-4	173	2.57	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFHpA	375-85-9	214	0.695	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFHxS	355-46-4	98.5	1.11	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
6:2 FTS	27619-97-2	ND	2.35	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFOA	335-67-1	425	0.766	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFHpS	375-92-8	5.75	1.10	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFNA	375-95-1	32.9	0.953	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFOSA	754-91-6	18.6	2.08	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFOS	1763-23-1	223	0.950	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFDA	335-76-2	ND	1.75	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
8:2 FTS	39108-34-4	ND	2.42	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
MeFOSAA	2355-31-9	ND	1.94	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
EtFOSAA	2991-50-6	ND	1.61	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFUnA	2058-94-8	ND	1.24	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFDS	335-77-3	ND	1.45	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFDoA	307-55-1	ND	0.932	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
MeFOSA	31506-32-8	ND	4.29	22.4		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:01	1
PFTrDA	72629-94-8	ND	0.581	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
PFTeDA	376-06-7	ND	0.888	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
EtFOSA	4151-50-2	ND	5.72	22.4		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:01	1
PFHxDA	67905-19-5	ND	0.346	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
MeFOSE	24448-09-7	ND	7.14	23.5		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
EtFOSE	1691-99-2	ND	11.1	23.5		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	92.0	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C3-PFPeA	IS	75.6	60 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C3-PFBS	IS	86.4	60 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C2-PFHxA	IS	76.4	70 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C4-PFHpA	IS	75.1	60 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C3-PFHxS	IS	82.2	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C2-6:2 FTS	IS	70.0	40 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C5-PFNA	IS	74.1	50 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C8-PFOSA	IS	54.0	20 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C2-PFOA	IS	81.3	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C8-PFOS	IS	85.3	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1

Sample ID: GW-MW-8

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-8
Matrix: Aqueous
Date Collected: 10-Jun-20 09:25

Laboratory Data

Lab Sample: 2001272-01
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	81.0	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C2-8:2 FTS	IS	74.3	40 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
d3-MeFOSAA	IS	57.3	50 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C2-PFUnA	IS	82.9	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
d5-EtFOSAA	IS	60.2	50 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
13C2-PFDoA	IS	72.5	30 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
d3-MeFOSA	IS	16.0	10 - 130		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:01	1
13C2-PFTeDA	IS	69.2	20 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
d5-EtFOSA	IS	16.8	10 - 150		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:01	1
13C2-PFHxDA	IS	69.7	20 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
d7-MeFOSE	IS	42.8	10 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1
d9-EtFOSE	IS	49.1	10 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 20:39	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-8 **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0F0146-MS1/B0F0146-MSD1	Source Lab Sample:	2001272-01
Project:	Coakley Landfill	QC Batch:	B0F0146	Date Extracted:	21-Jun-20
Matrix:	Aqueous	Samp Size:	0.113/0.110 L	Column:	BEH C18

Analyte	CAS Number	Sample (ng/L)	MS (ng/L)	MS Spike	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBA	375-22-4	43.8	139	88.6	108		127	90.6	92.1	15.9		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFPeA	2706-90-3	226	217	88.6	-10.1	H	192	90.6	-37.3	115	H	60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFBS	375-73-5	24.2	111	88.6	98.0		119	90.6	104	5.94		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFHxA	307-24-4	173	245	88.6	81.2		249	90.6	84.3	3.75		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFHpA	375-85-9	214	290	88.6	86.3		294	90.6	88.6	2.63		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFHxS	355-46-4	98.5	196	88.6	110		196	90.6	107	2.76		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
6:2 FTS	27619-97-2	ND	74.3	88.6	83.5		85.8	90.6	94.4	12.3		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFOA	335-67-1	425	520	88.6	107		538	90.6	125	15.5		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFHpS	375-92-8	5.75	92.6	88.6	98.0		95.7	90.6	99.3	1.32		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFNA	375-95-1	32.9	101	88.6	76.9		101	90.6	75.0	2.50		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFOSA	754-91-6	18.6	124	88.6	119		122	90.6	115	3.42		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFOS	1763-23-1	223	322	88.6	112		306	90.6	91.4	20.3	H	60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFDA	335-76-2	ND	89.2	88.6	101		81.9	90.6	90.4	11.1		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
8:2 FTS	39108-34-4	ND	88.6	88.6	100.0		81.8	90.6	90.3	10.2		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
MeFOSAA	2355-31-9	ND	82.7	88.6	93.4		84.1	90.6	92.8	0.644		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
EtFOSAA	2991-50-6	ND	88.0	88.6	99.4		87.0	90.6	96.1	3.38		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFUnA	2058-94-8	ND	97.5	88.6	110		90.5	90.6	99.9	9.62		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFDS	335-77-3	ND	71.9	88.6	81.2		80.1	90.6	88.4	8.49		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFDoA	307-55-1	ND	91.4	88.6	103		86.1	90.6	95.0	8.08		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFTrDA	72629-94-8	ND	86.7	88.6	97.9		85.5	90.6	94.4	3.64		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFTeDA	376-06-7	ND	86.0	88.6	97.1		90.1	90.6	99.5	2.44		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
PFHxDA	67905-19-5	ND	90.8	88.6	102		90.8	90.6	100	1.98		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
MeFOSE	24448-09-7	ND	436	443	98.5		420	453	92.7	6.07		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1
EtFOSE	1691-99-2	ND	437	443	98.6		469	453	104	5.33		60-130	20	23-Jun-20 19:57	1	23-Jun-20 20:18	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBA	IS	89.5		97.5		60-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C3-PFPeA	IS	81.4		83.1		60-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C3-PFBS	IS	88.6		81.5		60-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-PFHxA	IS	82.5		82.0		70-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C4-PFHpA	IS	80.1		81.6		60-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C3-PFHxS	IS	86.2		86.4		60-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-6:2 FTS	IS	81.3		78.5		40-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1

Sample ID: GW-MW-8 **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0F0146-MS1/B0F0146-MSD1	Source Lab Sample:	2001272-01
Project:	Coakley Landfill	QC Batch:	B0F0146	Date Extracted:	21-Jun-20
Matrix:	Aqueous	Samp Size:	0.113/0.110 L	Column:	BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C5-PFNA	IS	80.4		78.9		50-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C8-PFOSA	IS	71.4		57.7		20-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-PFOA	IS	87.1		83.2		60-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C8-PFOS	IS	90.8		87.7		60-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-PFDA	IS	85.7		88.0		60-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-8:2 FTS	IS	73.4		83.6		40-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
d3-MeFOSAA	IS	67.0		66.8		50-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-PFUnA	IS	86.1		86.6		60-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
d5-EtFOSAA	IS	67.9		66.1		50-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-PFDoA	IS	75.6		76.1		30-130	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-PFTeDA	IS	70.5		69.5		20-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
13C2-PFHxDA	IS	49.9		61.4		20-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
d7-MeFOSE	IS	72.8		52.8		10-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1
d9-EtFOSE	IS	73.7		52.7		10-150	23-Jun-20 19:57	1	23-Jun-20 20:18	1

Sample ID: GW-MW-8 **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0F0288-MS2/B0F0288-MSD2	Source Lab Sample:	2001272-01
Project:	Coakley Landfill	QC Batch:	B0F0288	Date Extracted:	01-Jul-20
Matrix:	Aqueous	Samp Size:	0.107/0.113 L	Column:	BEH C18

Analyte	CAS Number	Sample (ng/L)	MS (ng/L)	MS Spike	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
MeFOSA	31506-32-8	ND	558	468	119		628	442	142	17.6	H	60-130	20	03-Jul-20 05:27	1	03-Jul-20 05:37	1
EtFOSA	4151-50-2	ND	550	468	118		531	442	120	1.68		60-130	20	03-Jul-20 05:27	1	03-Jul-20 05:37	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
d3-MeFOSA	IS	27.4		13.3		10-130	03-Jul-20 05:27	1	03-Jul-20 05:37	1
d5-EtFOSA	IS	27.2		14.6		10-150	03-Jul-20 05:27	1	03-Jul-20 05:37	1

Sample ID: GW-AE-3A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-3A
Matrix: Aqueous
Date Collected: 10-Jun-20 10:28

Laboratory Data

Lab Sample: 2001272-02
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	20.2	0.836	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFPeA	2706-90-3	43.1	1.47	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFBS	375-73-5	6.55	2.05	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFHxA	307-24-4	68.5	2.50	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFHpA	375-85-9	103	0.678	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFHxS	355-46-4	20.1	1.09	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
6:2 FTS	27619-97-2	ND	2.29	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFOA	335-67-1	302	0.746	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFHpS	375-92-8	1.23	1.07	4.59	J	B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFNA	375-95-1	55.6	0.929	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFOSA	754-91-6	19.7	2.03	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFOS	1763-23-1	104	0.925	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFDA	335-76-2	7.86	1.71	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
8:2 FTS	39108-34-4	ND	2.36	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
MeFOSAA	2355-31-9	ND	1.89	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
EtFOSAA	2991-50-6	2.74	1.57	4.59	J	B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFUnA	2058-94-8	ND	1.20	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFDS	335-77-3	ND	1.41	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFDoA	307-55-1	ND	0.908	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
MeFOSA	31506-32-8	ND	4.39	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFTrDA	72629-94-8	ND	0.566	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFTeDA	376-06-7	ND	0.866	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
EtFOSA	4151-50-2	ND	5.86	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
PFHxDA	67905-19-5	ND	0.337	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
MeFOSE	24448-09-7	ND	6.96	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
EtFOSE	1691-99-2	ND	10.8	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	108	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C3-PFPeA	IS	74.6	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C3-PFBS	IS	74.8	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-PFHxA	IS	72.9	70 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C4-PFHpA	IS	69.5	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C3-PFHxS	IS	76.9	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-6:2 FTS	IS	61.2	40 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C5-PFNA	IS	67.2	50 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C8-PFOSA	IS	57.2	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-PFOA	IS	74.9	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C8-PFOS	IS	77.2	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1

Sample ID: GW-AE-3A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-3A
Matrix: Aqueous
Date Collected: 10-Jun-20 10:28

Laboratory Data

Lab Sample: 2001272-02
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	76.2	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-8:2 FTS	IS	65.6	40 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
d3-MeFOSAA	IS	57.9	50 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-PFUnA	IS	70.1	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
d5-EtFOSAA	IS	55.3	50 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-PFDoA	IS	64.5	30 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
d3-MeFOSA	IS	27.9	10 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-PFTeDA	IS	54.5	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
d5-EtFOSA	IS	23.2	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
13C2-PFHxDA	IS	36.2	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
d7-MeFOSE	IS	57.7	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1
d9-EtFOSE	IS	63.0	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:49	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-3A **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0F0146-MS2/B0F0146-MSD2	Source Lab Sample:	2001272-02
Project:	Coakley Landfill	QC Batch:	B0F0146	Date Extracted:	21-Jun-20
Matrix:	Aqueous	Samp Size:	0.112/0.107 L	Column:	BEH C18

Analyte	CAS Number	Sample (ng/L)	MS (ng/L)	MS Spike	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBA	375-22-4	20.2	107	89.5	96.9		111	93.1	97.8	0.924		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFPeA	2706-90-3	43.1	133	89.5	101		132	93.1	95.1	6.02		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFBS	375-73-5	6.55	102	89.5	107		97.1	93.1	97.2	9.60		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFHxA	307-24-4	68.5	154	89.5	95.8		159	93.1	97.4	1.66		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFHpA	375-85-9	103	199	89.5	107		191	93.1	93.9	13.0		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFHxS	355-46-4	20.1	116	89.5	108		127	93.1	115	6.28		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
6:2 FTS	27619-97-2	ND	91.8	89.5	102		94.2	93.1	101	0.985		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFOA	335-67-1	302	387	89.5	94.9		384	93.1	88.3	7.21		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFHpS	375-92-8	1.23	86.6	89.5	95.4		101	93.1	108	12.4		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFNA	375-95-1	55.6	129	89.5	81.6		143	93.1	94.3	14.4		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFOSA	754-91-6	19.7	125	89.5	118		125	93.1	114	3.45		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFOS	1763-23-1	104	186	89.5	90.6		220	93.1	125	31.9	H	60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFDA	335-76-2	7.86	93.5	89.5	95.7		97.8	93.1	96.6	0.936		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
8:2 FTS	39108-34-4	ND	98.2	89.5	109		96.0	93.1	103	5.66		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
MeFOSAA	2355-31-9	ND	82.2	89.5	91.8		91.2	93.1	97.9	6.43		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
EtFOSAA	2991-50-6	2.74	102	89.5	111		89.8	93.1	93.6	17.0		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFUnA	2058-94-8	ND	96.5	89.5	108		109	93.1	117	8.00		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFDS	335-77-3	ND	74.9	89.5	83.7		86.4	93.1	92.8	10.3		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFDoA	307-55-1	ND	87.6	89.5	97.8		90.7	93.1	97.4	0.410		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
MeFOSA	31506-32-8	ND	450	448	100		490	465	105	4.88		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFTrDA	72629-94-8	ND	79.6	89.5	88.9		88.6	93.1	95.1	6.74		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFTeDA	376-06-7	ND	95.5	89.5	107		95.2	93.1	102	4.78		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
EtFOSA	4151-50-2	ND	416	448	92.8		419	465	90.1	2.95		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
PFHxDA	67905-19-5	ND	93.5	89.5	105		106	93.1	113	7.34		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
MeFOSE	24448-09-7	ND	448	448	100.0		526	465	113	12.2		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1
EtFOSE	1691-99-2	ND	443	448	98.9		479	465	103	4.06		60-130	20	23-Jun-20 20:07	1	23-Jun-20 20:28	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBA	IS	121		113		60-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C3-PFPeA	IS	83.3		79.2		60-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C3-PFBS	IS	80.7		79.9		60-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-PFHxA	IS	79.0		76.7		70-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C4-PFHpA	IS	75.1		72.6		60-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1

Sample ID: GW-AE-3A **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0F0146-MS2/B0F0146-MSD2	Source Lab Sample:	2001272-02
Project:	Coakley Landfill	QC Batch:	B0F0146	Date Extracted:	21-Jun-20
Matrix:	Aqueous	Samp Size:	0.112/0.107 L	Column:	BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFHxS	IS	83.6		78.4		60-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-6:2 FTS	IS	70.8		61.8		40-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C5-PFNA	IS	79.8		77.7		50-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C8-PFOSA	IS	63.4		60.6		20-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-PFOA	IS	83.2		79.4		60-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C8-PFOS	IS	88.8		74.1		60-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-PFDA	IS	82.7		78.0		60-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-8:2 FTS	IS	71.6		72.3		40-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
d3-MeFOSAA	IS	64.9		60.5		50-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-PFUnA	IS	79.1		66.4		60-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
d5-EtFOSAA	IS	58.6		56.7		50-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-PFDoA	IS	70.7		66.2		30-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
d3-MeFOSA	IS	24.6		19.0		10-130	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-PFTeDA	IS	56.2		61.0		20-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
d5-EtFOSA	IS	20.7		15.2		10-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
13C2-PFHxDA	IS	35.0		60.2		20-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
d7-MeFOSE	IS	58.5		52.0		10-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1
d9-EtFOSE	IS	57.6		53.2		10-150	23-Jun-20 20:07	1	23-Jun-20 20:28	1

Sample ID: GW-AE-3A-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-3A
Matrix: Aqueous
Date Collected: 10-Jun-20 10:28

Laboratory Data

Lab Sample: 2001272-03
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	20.2	0.836	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFPeA	2706-90-3	40.5	1.47	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFBS	375-73-5	5.94	2.05	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFHxA	307-24-4	64.1	2.50	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFHpA	375-85-9	105	0.678	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFHxS	355-46-4	19.4	1.09	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
6:2 FTS	27619-97-2	ND	2.29	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFOA	335-67-1	288	0.746	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFHpS	375-92-8	ND	1.07	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFNA	375-95-1	49.3	0.929	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFOSA	754-91-6	31.4	2.03	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFOS	1763-23-1	100	0.925	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFDA	335-76-2	7.57	1.71	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
8:2 FTS	39108-34-4	ND	2.36	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
MeFOSAA	2355-31-9	ND	1.89	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
EtFOSAA	2991-50-6	2.81	1.57	4.59	J	B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFUnA	2058-94-8	ND	1.20	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFDS	335-77-3	ND	1.41	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFDoA	307-55-1	ND	0.908	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
MeFOSA	31506-32-8	ND	4.39	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFTrDA	72629-94-8	ND	0.566	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFTeDA	376-06-7	ND	0.866	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
EtFOSA	4151-50-2	ND	5.86	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
PFHxDA	67905-19-5	ND	0.337	4.59		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
MeFOSE	24448-09-7	ND	6.96	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
EtFOSE	1691-99-2	ND	10.8	22.9		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	113	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C3-PFPeA	IS	80.8	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C3-PFBS	IS	79.7	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-PFHxA	IS	77.9	70 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C4-PFHpA	IS	76.6	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C3-PFHxS	IS	80.8	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-6:2 FTS	IS	72.1	40 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C5-PFNA	IS	76.1	50 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C8-PFOSA	IS	62.4	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-PFOA	IS	80.7	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C8-PFOS	IS	80.2	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1

Sample ID: GW-AE-3A-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-3A

Matrix: Aqueous
Date Collected: 10-Jun-20 10:28

Laboratory Data

Lab Sample: 2001272-03
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	78.9	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-8:2 FTS	IS	73.0	40 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
d3-MeFOSAA	IS	61.6	50 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-PFUnA	IS	80.5	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
d5-EtFOSAA	IS	61.0	50 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-PFDoA	IS	64.5	30 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
d3-MeFOSA	IS	30.7	10 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-PFTeDA	IS	57.8	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
d5-EtFOSA	IS	25.2	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
13C2-PFHxDA	IS	43.5	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
d7-MeFOSE	IS	64.3	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1
d9-EtFOSE	IS	61.1	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 20:59	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-7A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-7A

Matrix: Aqueous
Date Collected: 10-Jun-20 14:25

Laboratory Data

Lab Sample: 2001272-04
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	10.0	0.819	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFPeA	2706-90-3	31.0	1.44	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFBS	375-73-5	6.00	2.01	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFHxA	307-24-4	28.0	2.45	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFHpA	375-85-9	5.40	0.664	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFHxS	355-46-4	2.08	1.06	4.50	J	B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
6:2 FTS	27619-97-2	ND	2.25	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFOA	335-67-1	11.8	0.732	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFHpS	375-92-8	ND	1.05	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFNA	375-95-1	ND	0.911	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFOSA	754-91-6	3.89	1.99	4.50	J	B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFOS	1763-23-1	ND	0.907	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFDA	335-76-2	ND	1.67	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
8:2 FTS	39108-34-4	ND	2.32	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
MeFOSAA	2355-31-9	ND	1.85	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
EtFOSAA	2991-50-6	ND	1.54	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFUnA	2058-94-8	ND	1.18	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFDS	335-77-3	ND	1.38	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFDoA	307-55-1	ND	0.890	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
MeFOSA	31506-32-8	ND	4.27	22.3		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:11	1
PFTrDA	72629-94-8	ND	0.555	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
PFTeDA	376-06-7	ND	0.849	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
EtFOSA	4151-50-2	ND	5.70	22.3		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:11	1
PFHxDA	67905-19-5	ND	0.330	4.50		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
MeFOSE	24448-09-7	ND	6.82	22.5		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
EtFOSE	1691-99-2	ND	10.6	22.5		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	142	60 - 130	H	B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C3-PFPeA	IS	88.9	60 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C3-PFBS	IS	96.4	60 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C2-PFHxA	IS	88.6	70 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C4-PFHpA	IS	87.0	60 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C3-PFHxS	IS	81.0	60 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C2-6:2 FTS	IS	75.5	40 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C5-PFNA	IS	88.2	50 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C8-PFOSA	IS	67.5	20 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C2-PFOA	IS	90.0	60 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C8-PFOS	IS	93.5	60 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1

Sample ID: GW-FPC-7A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-7A
Matrix: Aqueous
Date Collected: 10-Jun-20 14:25

Laboratory Data

Lab Sample: 2001272-04
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	92.5	60 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C2-8:2 FTS	IS	86.6	40 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
d3-MeFOSAA	IS	70.5	50 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C2-PFUnA	IS	85.4	60 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
d5-EtFOSAA	IS	64.4	50 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
13C2-PFDoA	IS	60.9	30 - 130		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
d3-MeFOSA	IS	13.5	10 - 130		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:11	1
13C2-PFTeDA	IS	39.0	20 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
d5-EtFOSA	IS	12.6	10 - 150		B0F0288	01-Jul-20	0.112 L	03-Jul-20 07:11	1
13C2-PFHxDA	IS	7.30	20 - 150	H	B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
d7-MeFOSE	IS	27.2	10 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1
d9-EtFOSE	IS	23.7	10 - 150		B0F0146	21-Jun-20	0.111 L	23-Jun-20 21:10	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-7B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-7B

Matrix: Aqueous
Date Collected: 10-Jun-20 13:48

Laboratory Data

Lab Sample: 2001272-05
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.31	0.774	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFPeA	2706-90-3	24.9	1.36	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFBS	375-73-5	4.56	1.90	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFHxA	307-24-4	21.5	2.31	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFHpA	375-85-9	5.80	0.627	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFHxS	355-46-4	1.36	1.01	4.25	J	B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
6:2 FTS	27619-97-2	ND	2.12	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFOA	335-67-1	12.6	0.691	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFHpS	375-92-8	ND	0.995	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFNA	375-95-1	1.14	0.860	4.25	J	B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFOSA	754-91-6	3.15	1.88	4.25	J	B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFOS	1763-23-1	2.41	0.857	4.25	J	B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFDA	335-76-2	ND	1.58	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
8:2 FTS	39108-34-4	ND	2.19	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
MeFOSAA	2355-31-9	ND	1.75	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
EtFOSAA	2991-50-6	ND	1.45	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFUnA	2058-94-8	ND	1.11	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFDS	335-77-3	ND	1.31	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFDoA	307-55-1	ND	0.841	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
MeFOSA	31506-32-8	ND	4.09	21.4		B0F0288	01-Jul-20	0.117 L	03-Jul-20 07:22	1
PFTrDA	72629-94-8	ND	0.524	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
PFTeDA	376-06-7	ND	0.801	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
EtFOSA	4151-50-2	ND	5.46	21.4		B0F0288	01-Jul-20	0.117 L	03-Jul-20 07:22	1
PFHxDA	67905-19-5	ND	0.312	4.25		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
MeFOSE	24448-09-7	ND	6.44	21.2		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
EtFOSE	1691-99-2	ND	10.0	21.2		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	121	60 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C3-PFPeA	IS	80.4	60 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C3-PFBS	IS	79.2	60 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C2-PFHxA	IS	72.9	70 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C4-PFHpA	IS	77.0	60 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C3-PFHxS	IS	81.3	60 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C2-6:2 FTS	IS	58.4	40 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C5-PFNA	IS	75.6	50 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C8-PFOSA	IS	62.8	20 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C2-PFOA	IS	80.5	60 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C8-PFOS	IS	80.9	60 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1

Sample ID: GW-FPC-7B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-7B
Matrix: Aqueous
Date Collected: 10-Jun-20 13:48

Laboratory Data

Lab Sample: 2001272-05
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	78.1	60 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C2-8:2 FTS	IS	76.8	40 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
d3-MeFOSAA	IS	60.3	50 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C2-PFUnA	IS	71.8	60 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
d5-EtFOSAA	IS	56.6	50 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
13C2-PFDoA	IS	67.9	30 - 130		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
d3-MeFOSA	IS	11.3	10 - 130		B0F0288	01-Jul-20	0.117 L	03-Jul-20 07:22	1
13C2-PFTeDA	IS	60.4	20 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
d5-EtFOSA	IS	10.2	10 - 150		B0F0288	01-Jul-20	0.117 L	03-Jul-20 07:22	1
13C2-PFHxDA	IS	42.7	20 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
d7-MeFOSE	IS	27.0	10 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1
d9-EtFOSE	IS	26.7	10 - 150		B0F0146	21-Jun-20	0.118 L	23-Jun-20 21:20	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-2A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-2A
Matrix: Aqueous
Date Collected: 11-Jun-20 13:33

Laboratory Data

Lab Sample: 2001272-06
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	24.8	0.842	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFPeA	2706-90-3	50.2	1.48	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFBS	375-73-5	4.77	2.07	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFHxA	307-24-4	109	2.52	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFHpA	375-85-9	244	0.682	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFHxS	355-46-4	22.8	1.09	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
6:2 FTS	27619-97-2	ND	2.31	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFOA	335-67-1	558	0.752	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFHpS	375-92-8	6.69	1.08	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFNA	375-95-1	142	0.935	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFOSA	754-91-6	13.1	2.04	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFOS	1763-23-1	413	0.932	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFDA	335-76-2	18.5	1.72	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
8:2 FTS	39108-34-4	ND	2.38	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
MeFOSAA	2355-31-9	ND	1.91	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
EtFOSAA	2991-50-6	ND	1.58	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFUnA	2058-94-8	ND	1.21	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFDS	335-77-3	ND	1.42	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFDoA	307-55-1	ND	0.914	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
MeFOSA	31506-32-8	ND	4.42	23.1		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFTrDA	72629-94-8	ND	0.570	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFTeDA	376-06-7	ND	0.872	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
EtFOSA	4151-50-2	ND	5.90	23.1		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
PFHxDA	67905-19-5	ND	0.339	4.62		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
MeFOSE	24448-09-7	ND	7.01	23.1		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
EtFOSE	1691-99-2	ND	10.9	23.1		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	122	60 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C3-PFPeA	IS	84.5	60 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C3-PFBS	IS	78.5	60 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-PFHxA	IS	79.7	70 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C4-PFHpA	IS	79.6	60 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C3-PFHxS	IS	73.6	60 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-6:2 FTS	IS	58.4	40 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C5-PFNA	IS	76.3	50 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C8-PFOSA	IS	55.9	20 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-PFOA	IS	78.1	60 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C8-PFOS	IS	76.7	60 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1

Sample ID: GW-AE-2A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-2A

Matrix: Aqueous
Date Collected: 11-Jun-20 13:33

Laboratory Data

Lab Sample: 2001272-06
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	80.8	60 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-8:2 FTS	IS	69.9	40 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
d3-MeFOSAA	IS	57.3	50 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-PFUnA	IS	78.7	60 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
d5-EtFOSAA	IS	58.3	50 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-PFDoA	IS	67.9	30 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
d3-MeFOSA	IS	22.8	10 - 130		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-PFTeDA	IS	58.7	20 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
d5-EtFOSA	IS	20.6	10 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
13C2-PFHxDA	IS	34.4	20 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
d7-MeFOSE	IS	56.5	10 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1
d9-EtFOSE	IS	56.1	10 - 150		B0F0146	21-Jun-20	0.108 L	23-Jun-20 21:31	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-2B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-2B
Matrix: Aqueous
Date Collected: 11-Jun-20 13:01

Laboratory Data

Lab Sample: 2001272-07
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	47.1	0.384	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFPeA	2706-90-3	106	0.674	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFBS	375-73-5	14.0	0.943	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFHxA	307-24-4	206	1.15	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFHpA	375-85-9	383	0.311	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFHxS	355-46-4	89.4	0.499	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
6:2 FTS	27619-97-2	ND	1.05	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFOA	335-67-1	766	0.343	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFHpS	375-92-8	13.6	0.494	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFNA	375-95-1	120	0.427	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFOSA	754-91-6	7.83	0.932	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFOS	1763-23-1	445	0.425	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFDA	335-76-2	9.01	0.785	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
8:2 FTS	39108-34-4	ND	1.09	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
MeFOSAA	2355-31-9	ND	0.869	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
EtFOSAA	2991-50-6	ND	0.722	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFUnA	2058-94-8	ND	0.553	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFDS	335-77-3	ND	0.648	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFDoA	307-55-1	ND	0.417	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
MeFOSA	31506-32-8	ND	2.02	10.5		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFTrDA	72629-94-8	ND	0.260	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFTeDA	376-06-7	ND	0.398	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
EtFOSA	4151-50-2	ND	2.69	10.5		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
PFHxDA	67905-19-5	ND	0.155	2.11		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
MeFOSE	24448-09-7	ND	3.20	10.5		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
EtFOSE	1691-99-2	ND	4.97	10.5		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	76.4	60 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C3-PFPeA	IS	76.0	60 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C3-PFBS	IS	76.7	60 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-PFHxA	IS	73.2	70 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C4-PFHpA	IS	70.8	60 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C3-PFHxS	IS	74.0	60 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-6:2 FTS	IS	66.9	40 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C5-PFNA	IS	72.5	50 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C8-PFOSA	IS	66.6	20 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-PFOA	IS	76.5	60 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C8-PFOS	IS	77.1	60 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1

Sample ID: GW-AE-2B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-2B

Matrix: Aqueous
Date Collected: 11-Jun-20 13:01

Laboratory Data

Lab Sample: 2001272-07
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	85.5	60 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-8:2 FTS	IS	74.1	40 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
d3-MeFOSAA	IS	62.9	50 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-PFUnA	IS	78.3	60 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
d5-EtFOSAA	IS	59.4	50 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-PFDoA	IS	73.0	30 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
d3-MeFOSA	IS	19.6	10 - 130		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-PFTeDA	IS	67.5	20 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
d5-EtFOSA	IS	16.8	10 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
13C2-PFHxDA	IS	50.6	20 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
d7-MeFOSE	IS	65.5	10 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1
d9-EtFOSE	IS	61.5	10 - 150		B0F0146	21-Jun-20	0.237 L	23-Jun-20 22:12	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-GZ-105

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-105

Matrix: Aqueous
Date Collected: 11-Jun-20 11:57

Laboratory Data

Lab Sample: 2001272-08
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	31.5	0.839	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFPeA	2706-90-3	61.6	1.47	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFBS	375-73-5	17.0	2.06	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFHxA	307-24-4	101	2.51	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFHpA	375-85-9	138	0.680	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFHxS	355-46-4	68.3	1.09	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
6:2 FTS	27619-97-2	ND	2.30	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFOA	335-67-1	324	0.749	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFHpS	375-92-8	5.58	1.08	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFNA	375-95-1	30.8	0.932	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFOSA	754-91-6	10.2	2.04	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFOS	1763-23-1	168	0.929	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFDA	335-76-2	2.40	1.72	4.60	J	B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
8:2 FTS	39108-34-4	ND	2.37	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
MeFOSAA	2355-31-9	ND	1.90	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
EtFOSAA	2991-50-6	ND	1.58	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFUnA	2058-94-8	ND	1.21	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFDS	335-77-3	ND	1.42	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFDoA	307-55-1	ND	0.912	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
MeFOSA	31506-32-8	ND	4.31	22.5		B0F0288	01-Jul-20	0.111 L	03-Jul-20 07:32	1
PFTrDA	72629-94-8	ND	0.569	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
PFTeDA	376-06-7	ND	0.869	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
EtFOSA	4151-50-2	ND	5.76	22.5		B0F0288	01-Jul-20	0.111 L	03-Jul-20 07:32	1
PFHxDA	67905-19-5	ND	0.338	4.60		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
MeFOSE	24448-09-7	ND	6.99	23.0		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
EtFOSE	1691-99-2	ND	10.9	23.0		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	117	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C3-PFPeA	IS	87.4	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C3-PFBS	IS	85.0	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C2-PFHxA	IS	87.5	70 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C4-PFHpA	IS	83.0	60 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C3-PFHxS	IS	89.6	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C2-6:2 FTS	IS	78.1	40 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C5-PFNA	IS	81.1	50 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C8-PFOSA	IS	65.4	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C2-PFOA	IS	87.3	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C8-PFOS	IS	88.3	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1

Sample ID: GW-GZ-105

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-105
Matrix: Aqueous
Date Collected: 11-Jun-20 11:57

Laboratory Data

Lab Sample: 2001272-08
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	89.3	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C2-8:2 FTS	IS	77.5	40 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
d3-MeFOSAA	IS	66.8	50 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C2-PFUnA	IS	88.7	60 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
d5-EtFOSAA	IS	64.0	50 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
13C2-PFDoA	IS	75.0	30 - 130		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
d3-MeFOSA	IS	24.5	10 - 130		B0F0288	01-Jul-20	0.111 L	03-Jul-20 07:32	1
13C2-PFTeDA	IS	70.5	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
d5-EtFOSA	IS	20.5	10 - 150		B0F0288	01-Jul-20	0.111 L	03-Jul-20 07:32	1
13C2-PFHxDA	IS	59.5	20 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
d7-MeFOSE	IS	53.7	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1
d9-EtFOSE	IS	58.0	10 - 150		B0F0146	21-Jun-20	0.109 L	23-Jun-20 22:22	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-GZ-105-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-105
Matrix: Aqueous
Date Collected: 11-Jun-20 11:57

Laboratory Data

Lab Sample: 2001272-09
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	27.0	0.859	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFPeA	2706-90-3	52.7	1.51	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFBS	375-73-5	13.2	2.11	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFHxA	307-24-4	97.9	2.57	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFHpA	375-85-9	132	0.696	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFHxS	355-46-4	64.9	1.12	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
6:2 FTS	27619-97-2	ND	2.36	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFOA	335-67-1	279	0.767	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFHpS	375-92-8	4.28	1.10	4.71	J	B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFNA	375-95-1	29.9	0.954	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFOSA	754-91-6	7.73	2.09	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFOS	1763-23-1	146	0.951	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFDA	335-76-2	2.43	1.76	4.71	J	B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
8:2 FTS	39108-34-4	ND	2.43	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
MeFOSAA	2355-31-9	ND	1.94	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
EtFOSAA	2991-50-6	ND	1.61	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFUnA	2058-94-8	ND	1.24	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFDS	335-77-3	ND	1.45	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFDoA	307-55-1	ND	0.933	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
MeFOSA	31506-32-8	ND	4.51	23.6		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFTrDA	72629-94-8	ND	0.582	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFTeDA	376-06-7	ND	0.890	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
EtFOSA	4151-50-2	ND	6.02	23.6		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
PFHxDA	67905-19-5	ND	0.346	4.71		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
MeFOSE	24448-09-7	ND	7.15	23.6		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
EtFOSE	1691-99-2	ND	11.1	23.6		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	118	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C3-PFPeA	IS	89.7	60 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C3-PFBS	IS	86.0	60 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-PFHxA	IS	85.8	70 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C4-PFHpA	IS	83.9	60 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C3-PFHxS	IS	82.5	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-6:2 FTS	IS	80.9	40 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C5-PFNA	IS	84.2	50 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C8-PFOSA	IS	81.4	20 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-PFOA	IS	93.8	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C8-PFOS	IS	90.7	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1

Sample ID: GW-GZ-105-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-105

Matrix: Aqueous
Date Collected: 11-Jun-20 11:57

Laboratory Data

Lab Sample: 2001272-09
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	88.3	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-8:2 FTS	IS	72.4	40 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
d3-MeFOSAA	IS	65.5	50 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-PFUnA	IS	87.7	60 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
d5-EtFOSAA	IS	67.3	50 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-PFDoA	IS	79.6	30 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
d3-MeFOSA	IS	21.8	10 - 130		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-PFTeDA	IS	77.3	20 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
d5-EtFOSA	IS	16.1	10 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
13C2-PFHxDA	IS	63.3	20 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
d7-MeFOSE	IS	72.2	10 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1
d9-EtFOSE	IS	75.3	10 - 150		B0F0146	21-Jun-20	0.106 L	23-Jun-20 22:33	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-8A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-8A

Matrix: Aqueous
Date Collected: 11-Jun-20 10:43

Laboratory Data

Lab Sample: 2001272-10
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.00	0.814	4.46	J	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFPeA	2706-90-3	1.45	1.43	4.46	J	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFBS	375-73-5	3.34	2.00	4.46	J	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFHxA	307-24-4	4.97	2.43	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFHpA	375-85-9	4.11	0.660	4.46	J	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFHxS	355-46-4	2.62	1.06	4.46	J	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
6:2 FTS	27619-97-2	ND	2.23	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFOA	335-67-1	11.5	0.726	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFHpS	375-92-8	ND	1.05	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFNA	375-95-1	1.39	0.904	4.46	J	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFOSA	754-91-6	ND	1.98	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFOS	1763-23-1	1.17	0.901	4.46	J	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFDA	335-76-2	ND	1.66	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
8:2 FTS	39108-34-4	ND	2.30	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
MeFOSAA	2355-31-9	ND	1.84	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
EtFOSAA	2991-50-6	ND	1.53	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFUnA	2058-94-8	ND	1.17	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFDS	335-77-3	ND	1.37	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFDoA	307-55-1	ND	0.884	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
MeFOSA	31506-32-8	ND	4.27	22.3		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFTrDA	72629-94-8	ND	0.551	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFTeDA	376-06-7	ND	0.843	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
EtFOSA	4151-50-2	ND	5.70	22.3		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
PFHxDA	67905-19-5	ND	0.328	4.46		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
MeFOSE	24448-09-7	ND	6.77	22.3		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
EtFOSE	1691-99-2	ND	10.5	22.3		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	140	60 - 130	H	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C3-PFPeA	IS	93.3	60 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C3-PFBS	IS	88.9	60 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-PFHxA	IS	91.0	70 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C4-PFHpA	IS	84.8	60 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C3-PFHxS	IS	89.8	60 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-6:2 FTS	IS	67.5	40 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C5-PFNA	IS	84.8	50 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C8-PFOSA	IS	66.5	20 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-PFOA	IS	93.7	60 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C8-PFOS	IS	98.3	60 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1

Sample ID: GW-FPC-8A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-8A

Matrix: Aqueous
Date Collected: 11-Jun-20 10:43

Laboratory Data

Lab Sample: 2001272-10
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	88.9	60 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-8:2 FTS	IS	70.5	40 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
d3-MeFOSAA	IS	69.5	50 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-PFUnA	IS	89.0	60 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
d5-EtFOSAA	IS	66.6	50 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-PFDoA	IS	75.8	30 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
d3-MeFOSA	IS	11.0	10 - 130		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-PFTeDA	IS	69.5	20 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
d5-EtFOSA	IS	6.80	10 - 150	H	B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
13C2-PFHxDA	IS	57.0	20 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
d7-MeFOSE	IS	46.2	10 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1
d9-EtFOSE	IS	46.7	10 - 150		B0F0146	21-Jun-20	0.112 L	23-Jun-20 22:43	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-8B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-8B

Matrix: Aqueous
Date Collected: 11-Jun-20 10:05

Laboratory Data

Lab Sample: 2001272-11
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.76	0.850	4.66	J	B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFPeA	2706-90-3	ND	1.49	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFBS	375-73-5	ND	2.09	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFHxA	307-24-4	3.24	2.54	4.66	J	B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFHpA	375-85-9	ND	0.689	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFHxS	355-46-4	1.57	1.10	4.66	J	B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
6:2 FTS	27619-97-2	ND	2.33	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFOA	335-67-1	4.42	0.759	4.66	J	B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFHpS	375-92-8	ND	1.09	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFNA	375-95-1	ND	0.944	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFOSA	754-91-6	7.89	2.06	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFOS	1763-23-1	ND	0.940	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFDA	335-76-2	ND	1.74	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
8:2 FTS	39108-34-4	ND	2.40	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
MeFOSAA	2355-31-9	ND	1.92	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
EtFOSAA	2991-50-6	ND	1.60	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFUnA	2058-94-8	ND	1.22	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFDS	335-77-3	ND	1.43	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFDoA	307-55-1	ND	0.923	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
MeFOSA	31506-32-8	ND	4.46	23.3		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFTrDA	72629-94-8	ND	0.576	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFTeDA	376-06-7	ND	0.880	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
EtFOSA	4151-50-2	ND	5.96	23.3		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
PFHxDA	67905-19-5	ND	0.343	4.66		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
MeFOSE	24448-09-7	ND	7.07	23.3		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
EtFOSE	1691-99-2	ND	11.0	23.3		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	124	60 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C3-PFPeA	IS	81.5	60 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C3-PFBS	IS	83.8	60 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-PFHxA	IS	87.3	70 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C4-PFHpA	IS	86.6	60 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C3-PFHxS	IS	78.3	60 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-6:2 FTS	IS	67.3	40 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C5-PFNA	IS	79.5	50 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C8-PFOSA	IS	77.2	20 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-PFOA	IS	88.2	60 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C8-PFOS	IS	90.4	60 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1

Sample ID: GW-FPC-8B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-8B

Matrix: Aqueous
Date Collected: 11-Jun-20 10:05

Laboratory Data

Lab Sample: 2001272-11
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	69.3	60 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-8:2 FTS	IS	69.9	40 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
d3-MeFOSAA	IS	63.6	50 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-PFUnA	IS	82.4	60 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
d5-EtFOSAA	IS	70.2	50 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-PFDoA	IS	73.3	30 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
d3-MeFOSA	IS	25.8	10 - 130		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-PFTeDA	IS	55.7	20 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
d5-EtFOSA	IS	14.2	10 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
13C2-PFHxDA	IS	17.9	20 - 150	H	B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
d7-MeFOSE	IS	35.0	10 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1
d9-EtFOSE	IS	35.5	10 - 150		B0F0146	21-Jun-20	0.107 L	23-Jun-20 22:53	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001272 Temp: 2.4 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley Landfill PO#: _____ Sampler: _____ (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify: _____

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
[signature]	6-11-20	1430	Conor Maher [signature]	06112020	0955

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN: _____

Method of Shipment: fedex
Tracking No.: _____

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s): Quantity	Type	Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: List of 24 Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List of 14	537.1 List of 18	Comments
GW-MW-8	6-10-20	0925	MW-8	2	P	AQ					X					
GW-MW-8-~~Dup~~MS		↓	↓	↓	↓	↓					X					
GW-MW-8-MSD		↓	↓	↓	↓	↓					X					
GW-AE-3A		1028	AE-3A	↓	↓	↓					X					
GW-AE-3A-Dup		↓	↓	↓	↓	↓					X					
GW-AE-3A-MS		↓	↓	↓	↓	↓					X					
GW-AE-3A-MSD		↓	↓	↓	↓	↓					X					
GW-FRC-7A		1425	FRC-7A	↓	↓	↓					X					
GW-FRC-7B	↓	1348	FRC-7B	↓	↓	↓					X					
GW-AE-2A	6-11-20	1333	AE-2A	↓	↓	↓					X					

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Beckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 2077945000 syerton@cesinclusa.com
Email: cbeckman@cesinclusa.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other: _____

Bottle Preservation Type: TZ = Trizma: _____

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other: _____

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001272 Temp: 2.4 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley Landfill PO#: Sampler: (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Keith Bands	6-11-20	1430	Conor Mahar	06/12/20	0955

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN:

Method of Shipment: fedex
Tracking No.:

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Type	Matrix	PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: List of 26 Please attach analyte list	PFAS by Isotope Dilution: PFOA/ PFOS	PFAS by Isotope Dilution: UCMR3 PFAS List:6	PFAS by Isotope Dilution: 537.1 List of 14	PFAS by Isotope Dilution: 537.1 List of 18	EPA Method 537 (DW only)	Comments
GW-AE-2B	6/11/20	1301	AE-2B	2	P	AQ					X						
GW-GZ-105		1157	GZ-105								X						
GW-GZ-105-Dup		1157	GZ-105								X						
GW-FPC-8A		1043	FPC-8A								X						
GW-FPC-8B	↓	1005	FPC-8B	↓	↓	↓					X						

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Beckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 2077955009 Email: cbeckman@cesincusa.com
sycerino@cesincusa.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001272 TAT std

Samples Arrival:	**Date/Time** 06/12/20 0955		**Initials:** CM		**Location:** WR-2 **Shelf/Rack:** N/A		
Delivered By:	(FedEx)	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	(Ice)		Blue Ice		Dry Ice		None
Temp °C: 2.4 (uncorrected)			**Probe used: Y / (N)**		**Thermometer ID:** IR-4		
Temp °C: 2.4 (corrected)							

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Airbill — Trk # 8117 7919 0790	✓		
Shipping Documentation Present?	✓		
Shipping Container: (Vista) Client Retain Return Dispose			
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	**Date/Time** 06/15/20 1151	**Initials:** WWS	**Location:** R-13, WR-2 **Shelf/Rack:** B-3, F-5		
COC Anomaly/Sample Acceptance Form completed?				✓	✓

Comments:

CoC/Label Reconciliation Report WO# 2001272

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2001272-01	A GW-MW-8	☑	MW-8	10-Jun-20 09:25	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-01	B GW-MW-8	☑	MW-8	10-Jun-20 09:25	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-01	C GW-MW-8	☑	MW-8	10-Jun-20 09:25	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-01	D GW-MW-8	☑	MW-8	10-Jun-20 09:25	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-01	E GW-MW-8	☑	MW-8	10-Jun-20 09:25	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-01	F GW-MW-8	☑	MW-8	10-Jun-20 09:25	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-02	A GW-AE-3A	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-02	B GW-AE-3A	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-02	C GW-AE-3A	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-02	D GW-AE-3A	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-02	E GW-AE-3A	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-02	F GW-AE-3A	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001272-03	A GW-AE-3A-DUP	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-03	B GW-AE-3A-DUP	☑	AE-3A	10-Jun-20 10:28	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-04	A GW-FPC-7A	☑	FPC-7A	10-Jun-20 14:25	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-04	B GW-FPC-7A	☑	FPC-7A	10-Jun-20 14:25	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-05	A GW-FPC-7B	☑	FPC-7B	10-Jun-20 13:48	☐ a	HDPE Bottle, 125 mL	Aqueous	
2001272-05	B GW-FPC-7B	☑	FPC-7B	10-Jun-20 13:48	☐ a	HDPE Bottle, 125 mL	Aqueous	
2001272-06	A GW-AE-2A	☑	AE-2A	11-Jun-20 13:33	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-06	B GW-AE-2A	☑	AE-2A	11-Jun-20 13:33	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-07	A GW-AE-2B	☑	AE-2B	11-Jun-20 13:01	☑	HDPE Bottle, 250 mL	Aqueous	
2001272-07	B GW-AE-2B	☑	AE-2B	11-Jun-20 13:01	☑	HDPE Bottle, 250 mL	Aqueous	
2001272-08	A GW-GZ-105	☑	GZ-105	11-Jun-20 11:57	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-08	B GW-GZ-105	☑	GZ-105	11-Jun-20 11:57	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-09	A GW-GZ-105-DUP	☑	GZ-105	11-Jun-20 11:57	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-09	B GW-GZ-105-DUP	☑	GZ-105	11-Jun-20 11:57	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-10	A GW-FPC-8A	☑	FPC-8A	11-Jun-20 10:43	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-10	B GW-FPC-8A	☑	FPC-8A	11-Jun-20 10:43	☑	HDPE Bottle, 125 mL	Aqueous	
2001272-11	A GW-FPC-8B	☑	FPC-8B	11-Jun-20 10:05	☑	HDPE Bottle, 125 mL	Aqueous	

2001272-11	B GW-FPC-8B	☑	FPC-8B	11-Jun-20 10:05	☑	HDPE Bottle, 125 mL	Aqueous

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma (None) Other		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments: ⓐ sample label: 1342 Date reconciles
Sample labels all have "KD" handwritten at the end of ID's.

Verifed by/Date: WLS 06/15/20

EXTRACTION INFORMATION

Process Sheet

Workorder: 2001272

Prep Expiration: 2020-06-24
Client: CES Inc.

Workorder Due: 03-Jul-20 00:00

TAT: 21

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOF0146

Prep Data Entered: TC 06/22/20
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: SOF0070

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001272-01	A,B,C	☑	☑	GW-MW-8	**MS/MSD**	R-13 A-3	HDPE Bottle, 125 mL
2001272-02		☑	☑	GW-AE-3A	**MS/MSD**	R-13 A-3	HDPE Bottle, 125 mL
2001272-03	A	☑	☑	GW-AE-3A-DUP		R-13 A-3	HDPE Bottle, 125 mL
2001272-04		☑	☑	GW-FPC-7A		R-13 A-3	HDPE Bottle, 125 mL
2001272-05		☑	☑	GW-FPC-7B		R-13 A-3	HDPE Bottle, 125 mL
2001272-06		☑	☑	GW-AE-2A		R-13 A-3	HDPE Bottle, 125 mL
2001272-07		☑	☑	GW-AE-2B		R-13 A-3	HDPE Bottle, 250 mL
2001272-08		☑	☑	GW-GZ-105		R-13 A-3	HDPE Bottle, 125 mL
2001272-09		☑	☑	GW-GZ-105-DUP		R-13 A-3	HDPE Bottle, 125 mL
2001272-10		☑	☑	GW-FPC-8A		R-13 A-3	HDPE Bottle, 125 mL
2001272-11		☑	☑	GW-FPC-8B		R-13 A-3	HDPE Bottle, 125 mL

WO Comments: **Report to MDL**

Pre-Prep Check Out: CHT 06/16/20
Pre-Prep Check In: CHT 06/16/20

Prep Check Out: HR 06/21/20
Prep Check In: N/A

Prep Reconciled Initals/Date: CHT 06/16/20
Spike Reconciled Initals/Date: HR 06/21/20
VialBoxID: Neptune

Matrix: Aqueous
Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0146

Chemist: HR
Prep Date: 06/21/20
Prep Time: 730
Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☑ Centrifuge ID: C3/C5

Rec Date/Initals: HR 06/22/20 | Date/Initals: CMT 06/16/20 | BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☑	B0F0146-BLK1	☑	☑	5	0	NA	NA	(0.250)	HR 06/21/20	HR 06/21/20	N/A
☑	B0F0146-BS1	☑	☑	5	0	↓	↓	(0.250)	↓	↓	↓
☐	B0F0146-MS1 2001272-01	☑	☑	6	0	139.83	26.68	0.11285			
☑	B0F0146-MS2 ② 2001272-02	☑	☑	6	0	138.36	26.63	0.11173			
☐	B0F0146-MSD1 2001272-01	☑	☑	6	0	137.04	26.61	0.11048			
☑	B0F0146-MSD2 ② 2001272-02	☑	☑	6	0	133.89	26.47	0.10742			
☐	2001272-01	☑	☑	6	0	132.83	26.61	0.10622			
☑	2001272-02 ②	☑	☑	6	0	135.60	26.56	0.10904			
☑	2001272-03	☑	☑	6	0	135.67	26.63	0.10904			
☐	2001272-04	☑	☑	5	0	137.76	26.56	0.11120			
☐	2001272-05	☑	☑	5	0	144.36	26.59	0.11777			
☑	2001272-06 ②	☑	☑	6	0	134.75	26.49	0.10826			
☐	2001272-07	☑	☑	6	0	262.85	25.58	0.23727			
☐	2001272-08	☑	☑	6	0	135.18	26.59	0.10859			

IS: 20E1201, 10mL, V17
IS SUP: 20F1201, 20mL, V11
NS: 20E1202, 10mL, V12
NS SUP: N/A

SPE Chem: Strata-XL-AW 100µm 200mg 6ml
SPE Lot#: 518-006863
ENVI-Carb Lot#: N/A
Ele SOLV: MeOH/0.5%NH4OH in MeOH
Final Volume(s) 1 mL

Notes: ② HR 06/21/20

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0146

Chemist: HR

Prep Date: 06/21/20

Prep Time: 730

Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☐ Centrifuge ID: _____

Rec Date/Initals: HR 06/22/20 | Date/Initals: CHT 06/16/20 | BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec VialI	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☐	2001272-09	☑	☑	6	0	132.72	26.63	0.10609	HR 06/21/20	HR 06/21/20	N/A
☐	2001272-10	☑	☑	5	0	138.53	26.52	0.11201	↓	↓	↓
☐	2001272-11	☑	☑	6	0	133.86	26.60	0.10726	↓	↓	↓

IS: 20E1201, 10mL, V17

IS SUP: 20F1201, 20mL, V11

NS: 20E1202, 1mL, V12

NS SUP: N/A

SPE Chem: Strata-XL-Aw 100µm 200mg/6mL

SPE Lot#: S18-006863

ENVI-Carb Lot#: N/A

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes:

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0F0146

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001272-01	0.10622 ✓	N/A	N/A	1000	21-Jun-20 07:30 ✓	HNR ✓			Aqueous	537M PFAS
2001272-02	0.10904 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-03	0.10904 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-04	0.1112 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-05	0.11777 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-06	0.10826 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-07	0.23727 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-08	0.10859 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-09	0.10609 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-10	0.11201 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
2001272-11	0.10726 ✓			1000	21-Jun-20 07:30	HNR			Aqueous	537M PFAS
B0F0146-BLK1	0.25 ✓			1000	21-Jun-20 07:30	HNR				QC
B0F0146-BS1	0.25 ✓			1000	21-Jun-20 07:30	HNR	20E1202 ✓	10 ✓		QC
B0F0146-MS1	0.11285 ✓			1000	21-Jun-20 07:30	HNR	20E1202	10		QC
B0F0146-MS2	0.11173 ✓			1000	21-Jun-20 07:30	HNR	20E1202	10		QC
B0F0146-MSD1	0.11043 ✓			1000	21-Jun-20 07:30	HNR	20E1202	10		QC
B0F0146-MSD2	0.10742 ✓			1000	21-Jun-20 07:30	HNR	20E1202	10		QC

All bolded data on report verified against written benchsheet by (initial/date) TC 06/22/20

Printed: 6/22/2020 7:07:39AM
Page 1 of 1

RX
6/20/20

Process Sheet

Workorder: 2001272

Prep Expiration: 2020-06-24
Client: CES Inc.

Workorder Due: 03-Jul-20 00:00

TAT: 21

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOF0288

RUSH

Prep Data Entered: N 07/02/20
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence:

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001272-01	DEF	☑	☑	GW-MW-8	**MS/MSD**	R-13 A-3	HDPE Bottle, 125 mL
~~2001272-02~~		☐	☐	~~GW-AE-3A~~	**MS/MSD**	R-13 A-3	HDPE Bottle, 125 mL
~~2001272-03~~		☐	☐	~~GW-AE-3A-DUP~~		R-13 A-3	HDPE Bottle, 125 mL
2001272-04	B J	☑	☑	GW-FPC-7A		R-13 A-3	HDPE Bottle, 125 mL
2001272-05	J	☐	☑	GW-FPC-7B		R-13 A-3	HDPE Bottle, 125 mL
~~2001272-06~~		☐	☐	~~GW-AE-2A~~		R-13 A-3	HDPE Bottle, 125 mL
~~2001272-07~~		☐	☐	~~GW-AE-2B~~		R-13 A-3	HDPE Bottle, 250 mL
2001272-08	B	☑	☑	GW-GZ-105		R-13 A-3	HDPE Bottle, 125 mL
~~2001272-09~~		☐	☐	~~GW-GZ-105,DUP~~		R-13 A-3	HDPE Bottle, 125 mL
2001272-10	B	☑	☑	GW-FPC-8A		R-13 A-3	HDPE Bottle, 125 mL
~~2001272-11~~		☐	☐	~~GW-FPC-8B~~		R-13 A-3	HDPE Bottle, 125 mL

WO Comments: Report to MDL

Pre-Prep Check Out: CHT 06/30/20
Pre-Prep Check In: CHT 06/30/20
Prep Check Out: ME 07/01/2020
Prep Check In: N/A
Prep Reconciled Initals/Date: CHT 06/30/20
Spike Reconciled Initals/Date: ME 07/01/2020
VialBoxID: Chi

Matrix: Aqueous
Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0288

Chemist: ME
Prep Date: 07/01/2020
Prep Time: 12:03
Hood#: 06

Prepared using: ☐ Sonication Shaker ☒ SPE Extraction ☑ Centrifuge ID: C3

Rec Date/Initals: ME 07/02/20
Date/Initals: CHT 06/30/20
BalanceID: HAMS-7

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☒	B0F0288-BLK1	☑	☑	5	0	NA	NA	(0.125)	ME ME 07/01/2020	ME 07/01/2020	N/A
☒	B0F0288-BS1	☑	☑	5	0	↓	↓	(0.125)			
☒	B0F0288-MS1 ~~2001268-13RE1~~	☑	☑	6	0	126.21	26.62	0.09959			
☐	B0F0288-MS2 ~~2001272-01RE1~~	☑	☑	6	0	133.29	26.53	0.10674			
☒	B0F0288-MSD1 ~~2001268-13RE1~~	☑	☑	6	0	128.80	26.47	0.10233			
☐	B0F0288-MSD2 ~~2001272-01RE1~~	☑	☑	5	0	139.60	26.60	0.11300			
☐	2001268-01RE1	☑	☑	~~6~~ 5	0	140.72	26.54	0.11418			
☐	2001268-02RE1	☑	☑	~~6~~ *	~~0~~ * 0	143.48	26.59	0.11689			
☐	2001268-03RE1	☑	☑	6	0	137.24	26.51	0.11073			
☒	2001268-13RE1	☑	☑	6	0	133.48	26.66	0.10682			
☐	2001272-01RE1	☑	☑	5	0	138.35	26.67	0.11168			
☐	2001272-04RE1	☑	☑	6	0	138.64	26.61	0.11203			
☐	2001272-05RE1	☑	☑	5	0	143.62	26.61	0.11701			
☒	2001272-08RE1	☑	☑	6	0	137.61	26.63	0.11098			

IS: 20E1201, (V14), 10µL
IS SUP: 20F1201, (V7), 20µL
NS: 20E1202, (V12), 10µL
NS SUP: N/A

SPE Chem: Strata-X-AW 100µm 200mg/6mL
SPE Lot#: 518-006863
ENVI-Carb Lot#: N/A
Ele SOLV: MeOH/0.5%NH4OH in MeOH
Final Volume(s) 1 mL

Notes:
* CHT 06/30/20

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Matrix: Aqueous
Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0288

Chemist: ME
Prep Date: 07/01/2020
Prep Time: 12:03
Hood#: 06

Prepared using: ☐ Sonication Shaker ☒ SPE Extraction ☐ Centrifuge ID: _____

Rec Date/Initals: JL 07/04/20 | Date/Initals: CHT 06/30/20 | BalanceID: HBM59

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☐	2001272-10RE1	☑	☑	5	0	142.44	26.59	0.1158S	ME JL 07/01/2020	ME 07/01/2020	N/A

IS: 20E1120, (V14), 10µL
IS SUP: 20F1201, (V7), 20µL
NS: 20E1202, (V12), 10µL
NS SUP: N/A

SPE Chem: Strata-XL-AW 100µm 200mg/6mL
SPE Lot#: S18-006863
ENVI-Carb Lot#: N/A
Ele SOLV: MeOH/0.5%NH4OH in MeOH
Final Volume(s) 1 mL

Notes:

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0F0288

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001268-01RE1	0.11418	NA	NA	1000	01-Jul-20 12:03	ME			Drinking Water	537M PFAS
2001268-02RE1	0.11689			1000	01-Jul-20 12:03	ME			Drinking Water	537M PFAS
2001268-03RE1	0.11073			1000	01-Jul-20 12:03	ME			Drinking Water	537M PFAS
2001268-13RE1	0.10682			1000	01-Jul-20 12:03	ME			Aqueous	537M PFAS
2001272-01RE1	0.11168			1000	01-Jul-20 12:03	ME			Aqueous	537M PFAS
2001272-04RE1	0.11203			1000	01-Jul-20 12:03	ME			Aqueous	537M PFAS
2001272-05RE1	0.11701			1000	01-Jul-20 12:03	ME			Aqueous	537M PFAS
2001272-08RE1	0.11098			1000	01-Jul-20 12:03	ME			Aqueous	537M PFAS
2001272-10RE1	0.11585			1000	01-Jul-20 12:03	ME			Aqueous	537M PFAS
B0F0288-BLK1	0.125			1000	01-Jul-20 12:03	ME				QC
B0F0288-BS1	0.125			1000	01-Jul-20 12:03	ME	20E1202	10		QC
B0F0288-MS1	0.09959			1000	01-Jul-20 12:03	ME	20E1202	10		QC
B0F0288-MS2	0.10674			1000	01-Jul-20 12:03	ME	20E1202	10		QC
B0F0288-MSD1	0.10233			1000	01-Jul-20 12:03	ME	20E1202	10		QC
B0F0288-MSD2	0.113			1000	01-Jul-20 12:03	ME	20E1202	10		QC

All bolded data on report verified against written benchsheet by (initial/date) M 07/02/20

Sample Data – PFAS Isotope Dilution Method

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		3.000e3	0.250		1.10						
2	4	PFPeA	263.1 > 218.9		4.279e3	0.250		2.06						
3	5	PFBS	299.0 > 79.7		1.214e3	0.250		2.35						YES
4	7	PFHxA	313.0 > 269.0		7.903e3	0.250		2.88						YES
5	11	PFHpA	363.0 > 318.9		4.925e3	0.250		3.52						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.000e3		0.250	211.507	0.84	1.10	3000	56.732	113.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.279e3		0.250	430.335	2.06	2.06	4280	39.771	79.5		
8	51	13C3-PFBS-EIS	302.0 > 99	1.214e3		0.250	119.139	2.49	2.35	1210	40.775	81.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.903e3		0.250	810.703	3.06	2.88	7900	38.994	78.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.925e3		0.250	538.644	3.59	3.52	4920	36.572	73.1		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.907e3	0.250		3.67						YES
13	1...	Total PFHxS	399 > 80	0.000e0	2.907e3	0.250		3.83		0.000				
14	15	6:2 FTS	427 > 407.0		1.577e3	0.250		3.97						YES
15	19	PFHpS	448.9 > 80.0		3.221e3	0.250		4.18						YES
16	21	PFNA	463.0 > 418.8		9.283e3	0.250		4.47						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.907e3		0.250	297.710	3.80	3.67	2910	39.059	78.1		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.907e3		0.250	297.710	3.80	3.67	2910	39.059	78.1		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.577e3		0.250	189.343	4.04	3.97	1580	33.307	66.6		
20	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.283e3		0.250	1024.035	4.68	4.47	9280	36.261	72.5		
22	-1													
23	16	L-PFOA	412.8 > 368.9	8.564e1	1.064e4	0.250		4.03	4.02	0.101			14.4	NO
24	1...	Total PFOA	412.8 > 368.9	8.564e1	1.064e4	0.250		4.20		0.000				
25	23	L-PFOS	499 > 80	1.126e1	3.221e3	0.250		4.56	4.56	0.0437			1.69	NO
26	1...	Total PFOS	499 > 80	1.126e1	3.221e3	0.250		4.73		0.000				
27	22	PFOSA	498.0 > 78.0	7.754e0	2.339e3	0.250		4.52	4.52	0.0414	0.146		4.19	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.064e4		0.250	1051.559	4.10	4.03	10600	40.481	81.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.064e4		0.250	1051.559	4.10	4.03	10600	40.481	81.0		
30	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		
31	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		
32	67	13C8-PFOSA-EIS	506. > 78	2.339e3		0.250	327.488	4.58	4.52	2340	28.571	57.1		
33	-1													
34	26	PFDA	513 > 468.8		8.861e3	0.250		4.86						YES
35	27	8:2 FTS	526.9 > 507.0		1.818e3	0.250		4.83						YES
36	29	L-MeFOSAA	570 > 419		6.281e3	0.250		5.01						YES

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Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	6.281e3	0.250		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.290e4	0.250		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	8.861e3		0.250	1015.350	4.90	4.86	8860	34.910	69.8		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.818e3		0.250	213.425	4.88	4.83	1820	34.075	68.2		
41	77	d3-N-MeFOSAA-EIS	573. > 419	6.281e3		0.250	959.325	5.25	5.01	6280	26.190	52.4		
42	77	d3-N-MeFOSAA-EIS	573. > 419	6.281e3		0.250	959.325	5.25	5.01	6280	26.190	52.4		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.290e4		0.250	1526.144	5.23	5.19	12900	33.819	67.6		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		5.085e3	0.250		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	5.085e3	0.250		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.221e3	0.250		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.334e4	0.250		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.334e4	0.250		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.085e3		0.250	833.625	5.21	5.17	5090	24.401	48.8		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.085e3		0.250	833.625	5.21	5.17	5090	24.401	48.8		
52	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		
53	83	13C2-PFDoA-EIS	615 > 570	1.334e4		0.250	1936.260	5.51	5.48	13300	27.549	55.1		
54	83	13C2-PFDoA-EIS	615 > 570	1.334e4		0.250	1936.260	5.51	5.48	13300	27.549	55.1		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.891e3	0.250		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		2.775e3	0.250		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		3.390e3	0.250		5.95						YES
59	43	PFHxDA	813.1 > 768.6		5.980e3	0.250		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		2.995e3	0.250		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.891e3		0.250	1229.760	5.98	5.96	6890	22.414	44.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.775e3		0.250	89.439	5.60	5.51	2780	124.110	20.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.390e3		0.250	145.327	6.03	5.97	3390	93.311	15.6		
64	93	13C2-PFHxDA-EIS	815 > 769.7	5.980e3		0.250	1833.619	6.55	6.31	5980	13.045	26.1		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	2.995e3		0.250	57.460	6.23	6.23	3000	208.525	34.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	5.294e0	3.538e3	0.250		6.38	6.69	0.223	0.076			
68	1...	TDCA	498.3>106.9			0.250		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		
70	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		
71	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.538e3		0.250	67.369	6.38	6.38	3540	210.086	35.2		

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Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
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Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.250	323.537	4.88	4.56	3220	39.827	79.7		

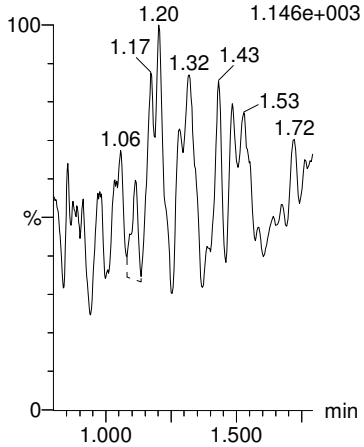
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

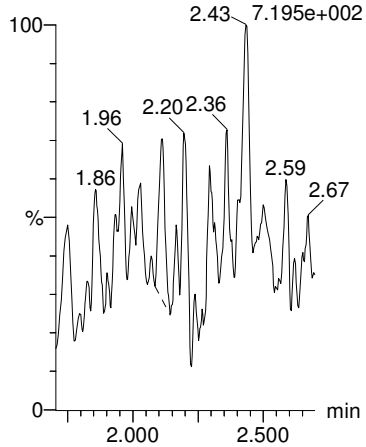
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 15:30:27
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

PFBA



PFPeA



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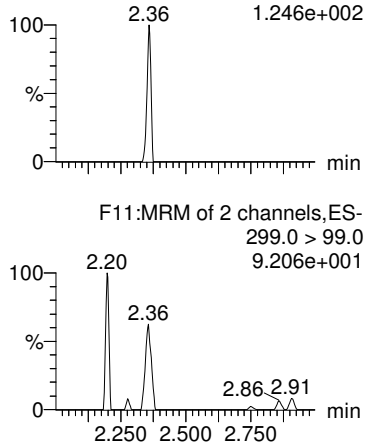

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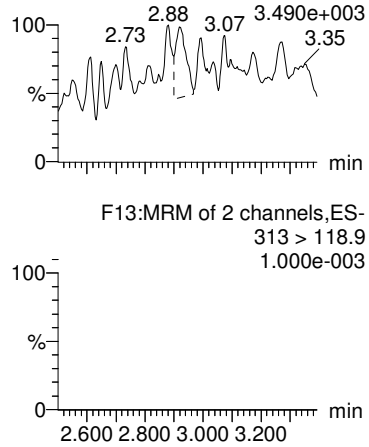

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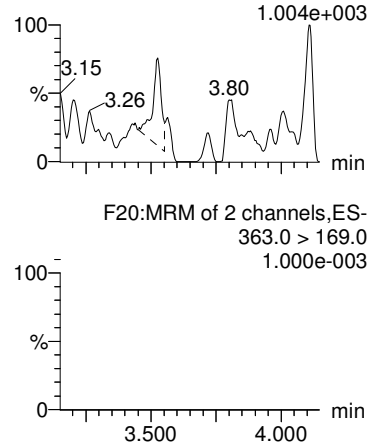

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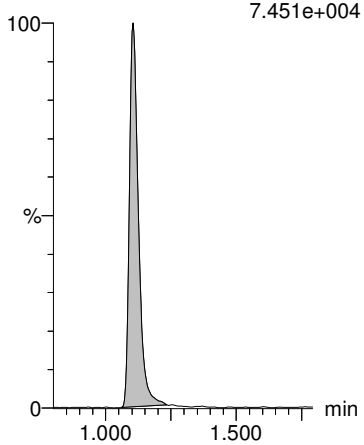

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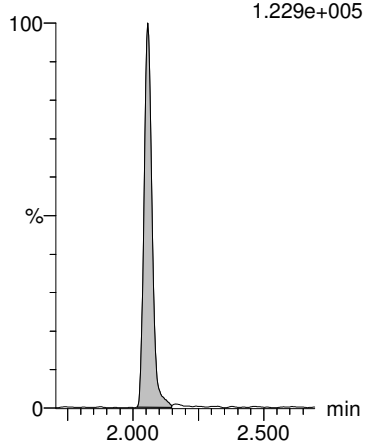

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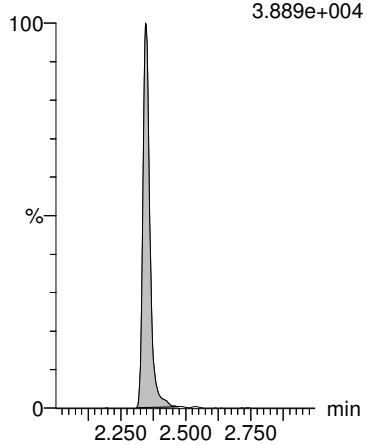

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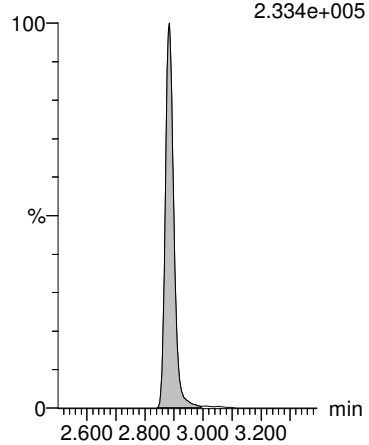
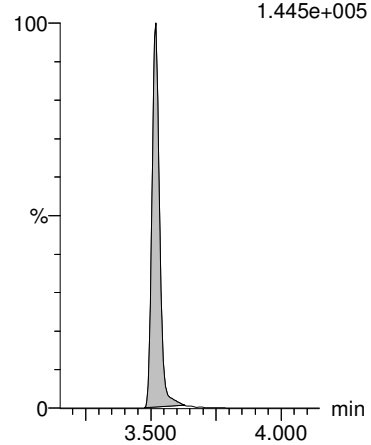


13C4-PFHpA-EIS



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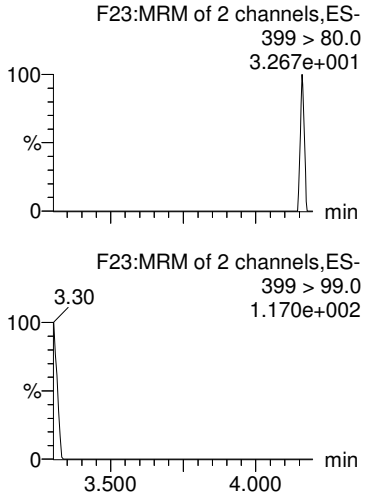
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

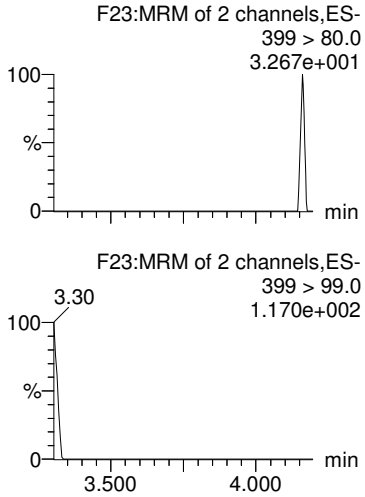
Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

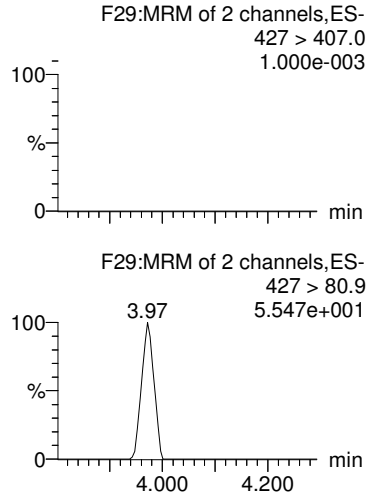
L-PFHxS



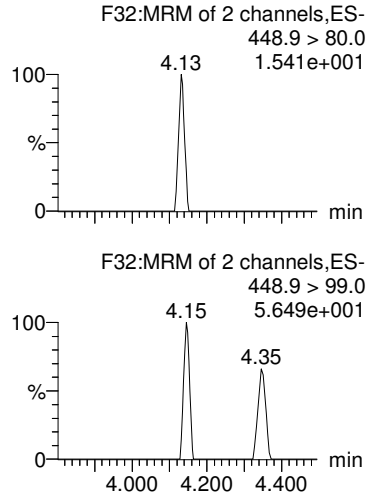
Total PFHxS



6:2 FTS



PFHpS



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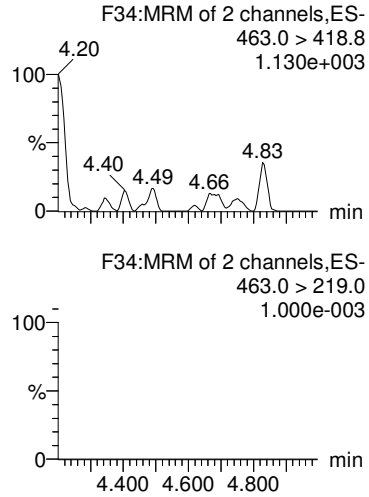

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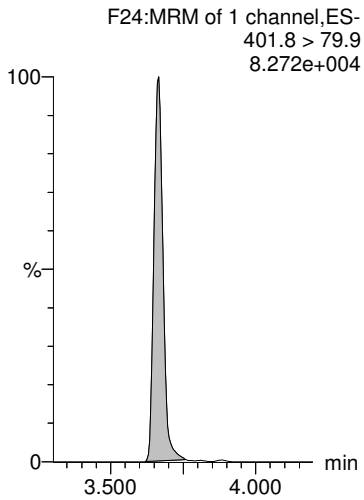

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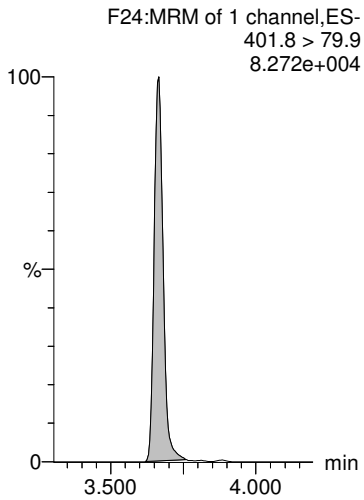

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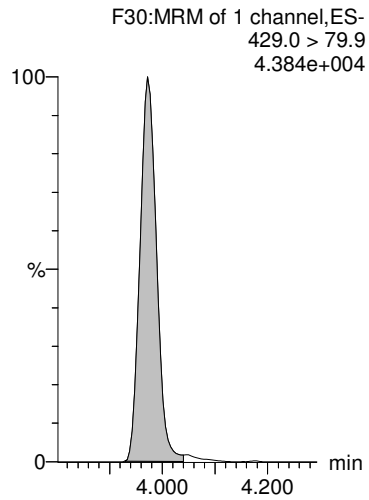
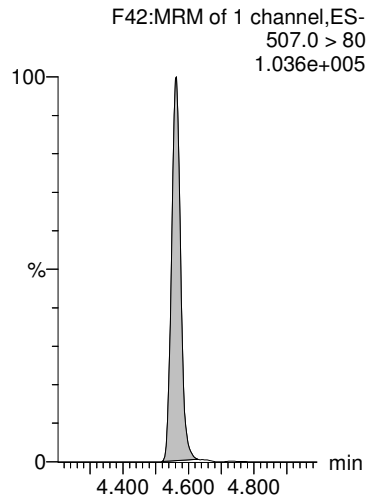


13C8-PFOS-EIS



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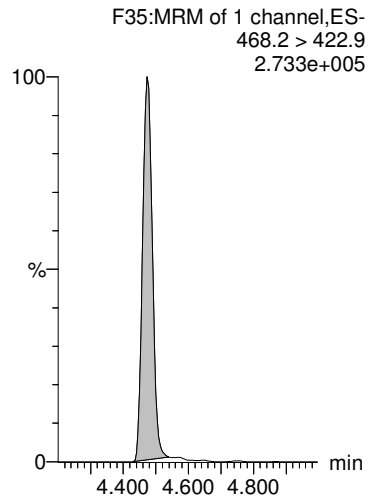


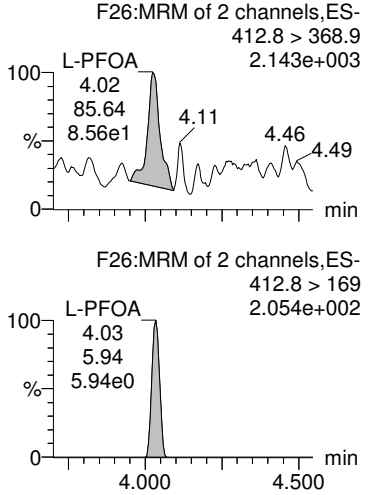
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

L-PFOA



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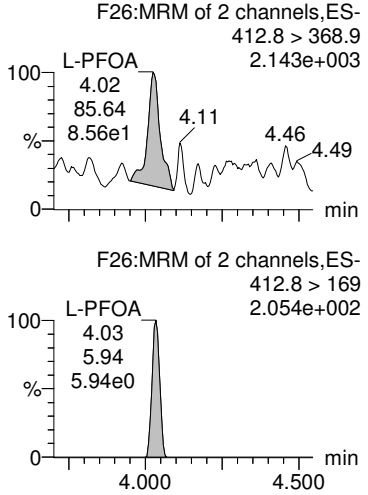
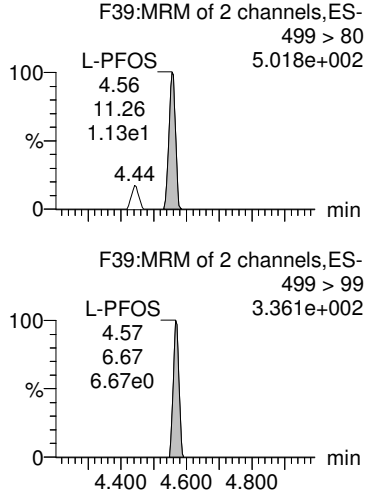
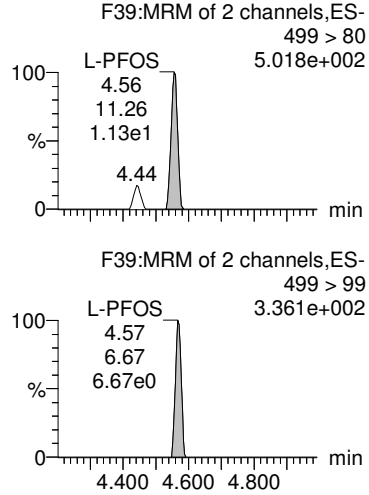


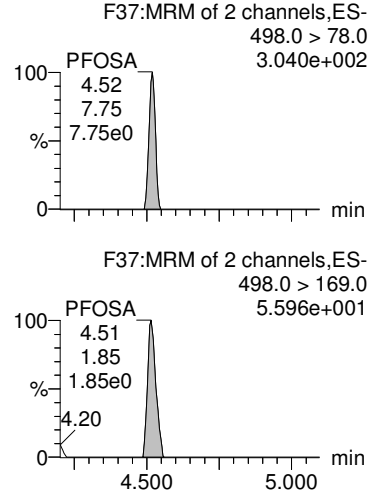
L-PFOS



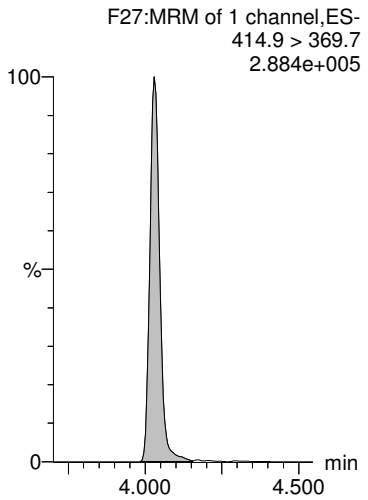
Total PFOS



PFOSA



13C2-PFOA-EIS



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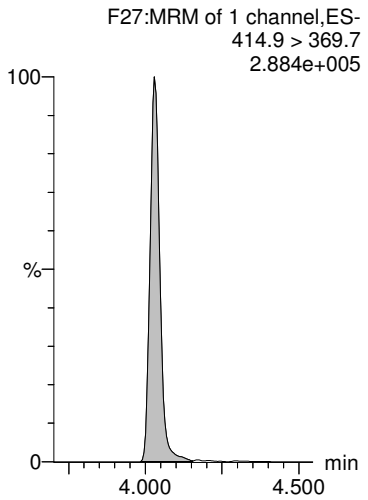
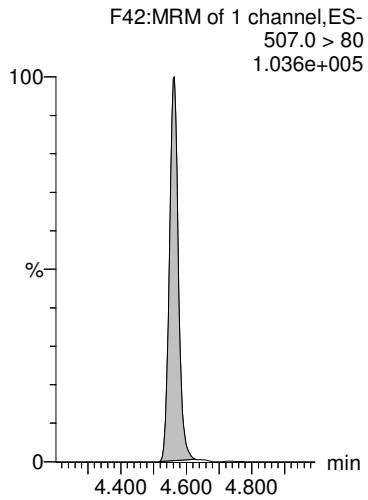
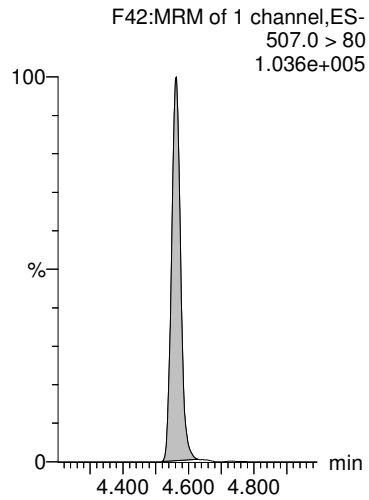


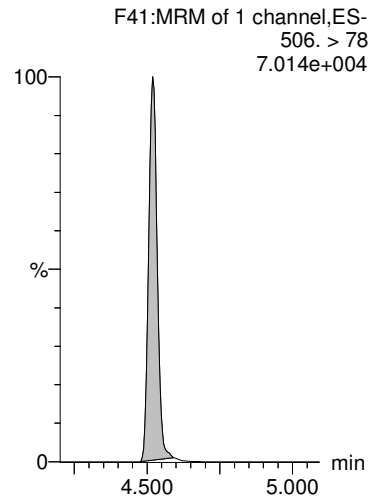
13C8-PFOS-EIS



13C8-PFOS-EIS



13C8-PFOSA-EIS



RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

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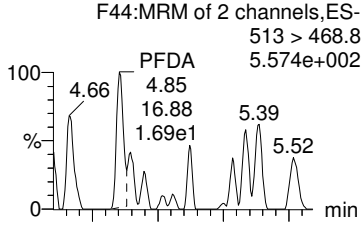

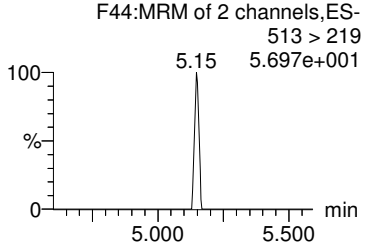

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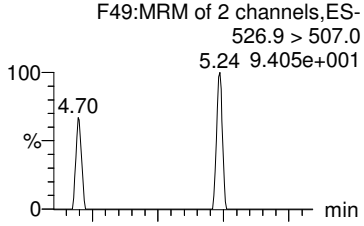
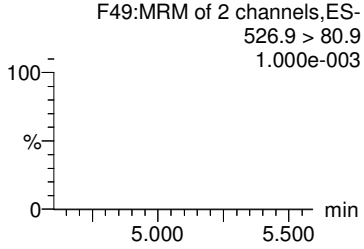
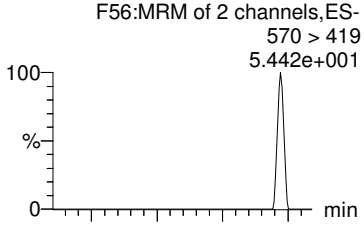
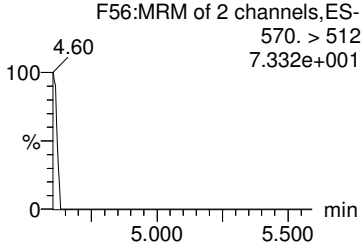


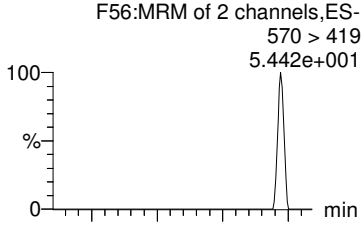


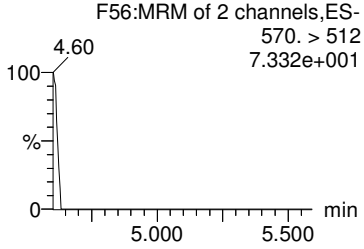
L-MeFOSAA



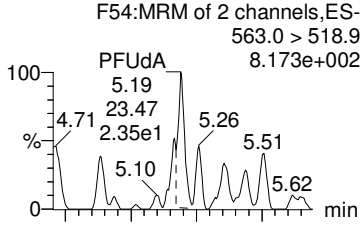


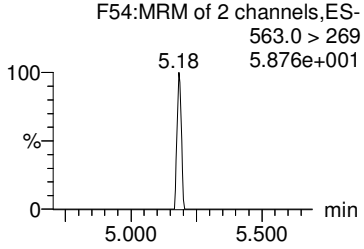
Total N-MeFOSAA



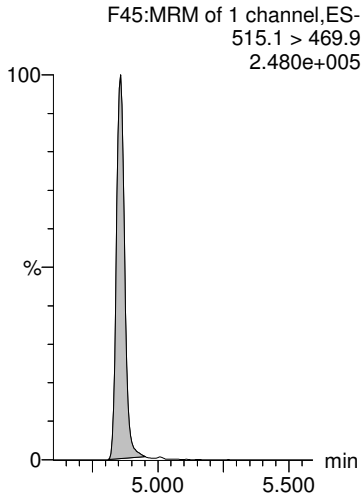


PFUdA

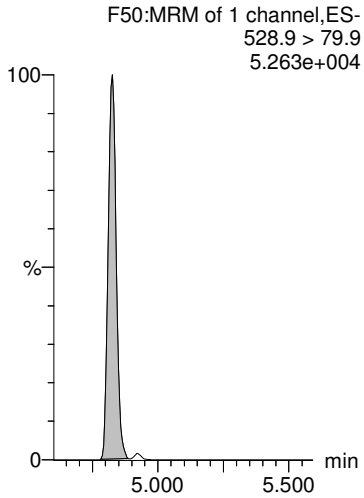




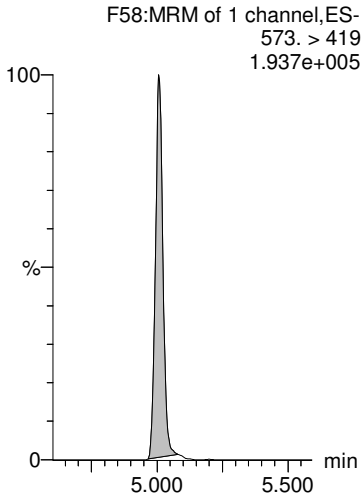
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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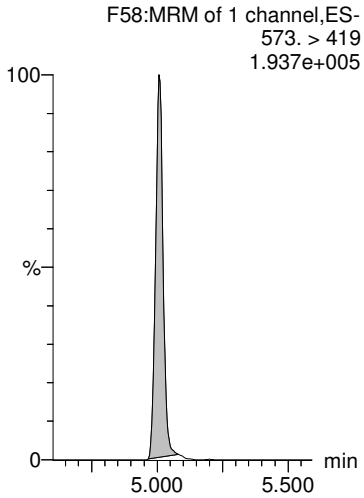

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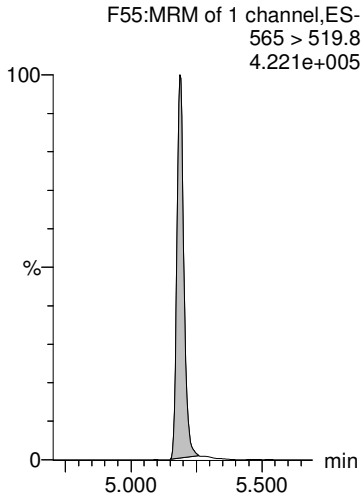


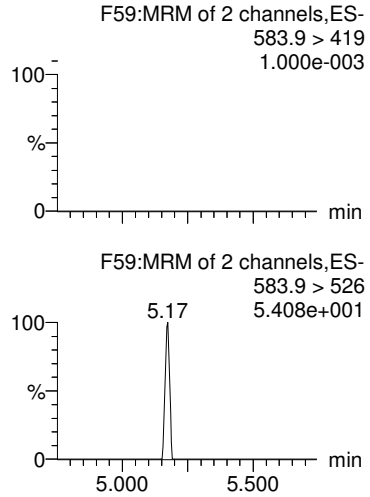
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

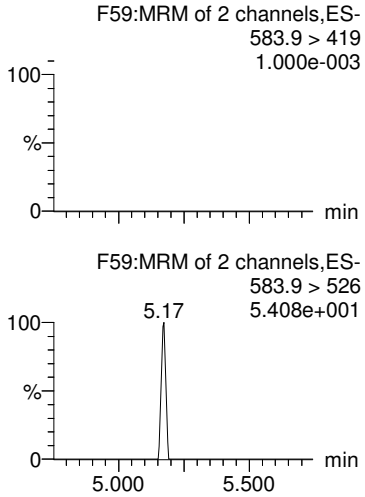
Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

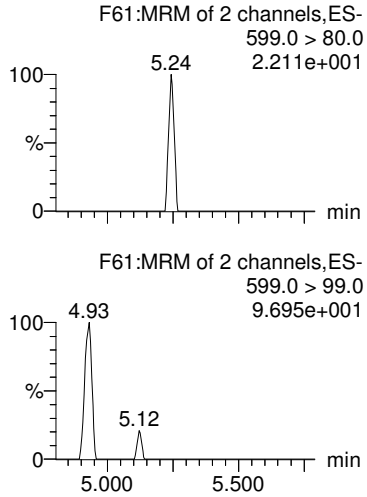
L-EtFOSAA



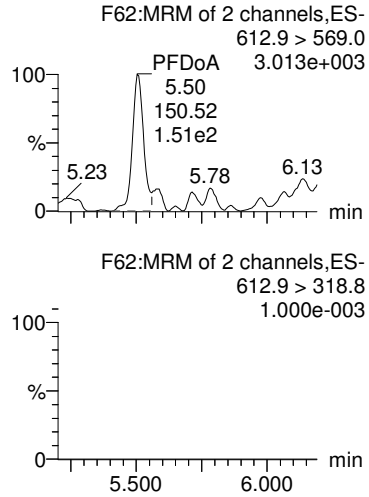
Total N-EtFOSAA



PFDS



PFDoA



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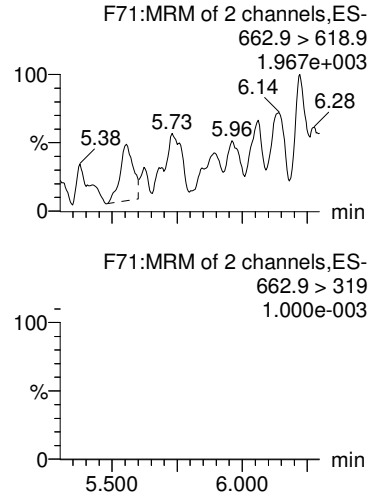
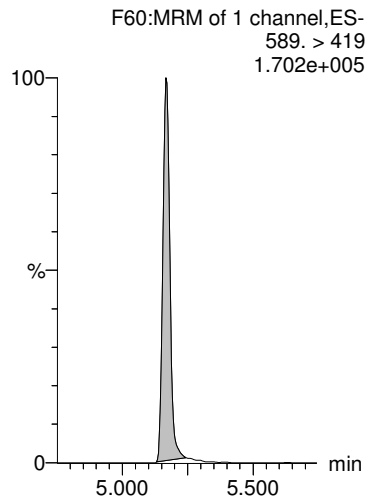
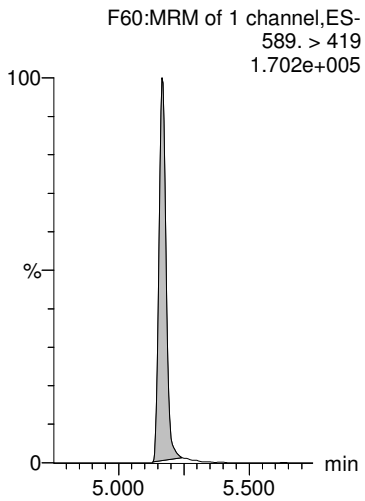


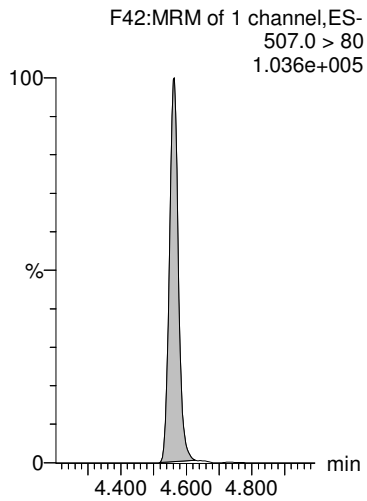
d5-N-EtFOSAA-EIS



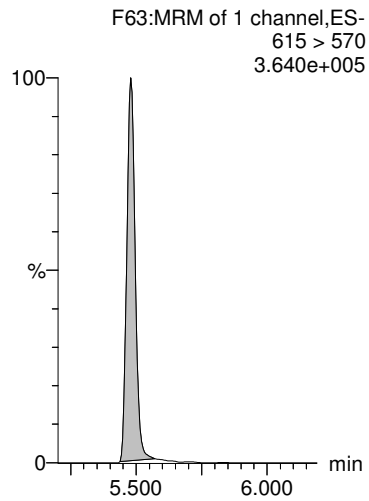
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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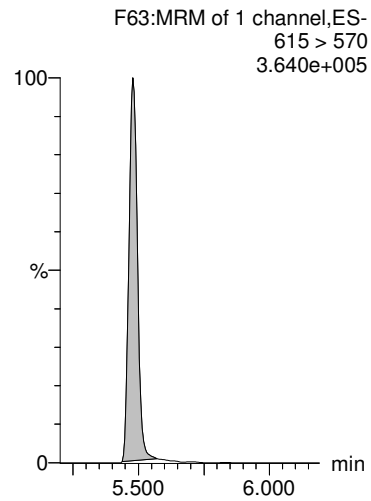


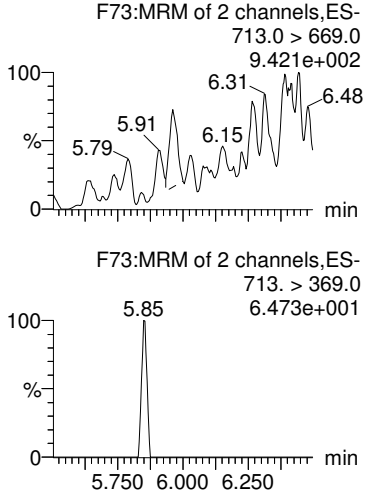
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

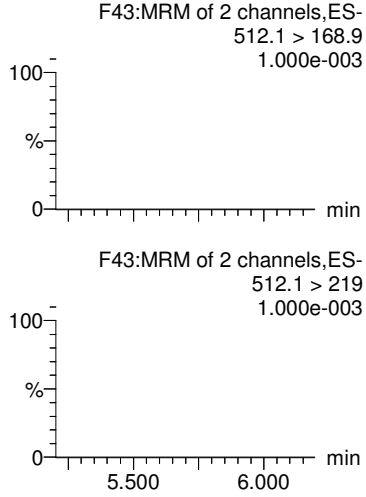
Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

PFTeDA



N-MeFOSA



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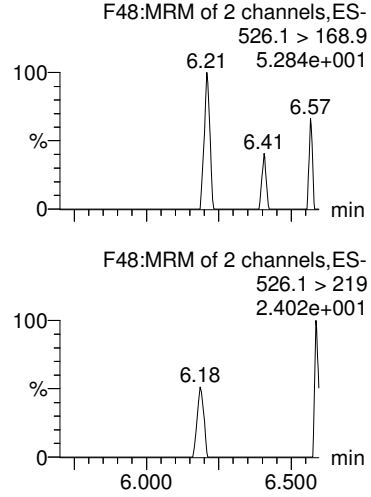
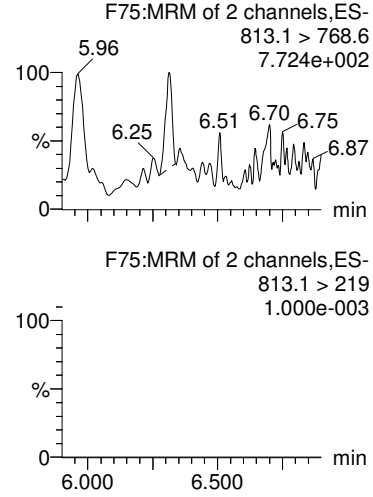
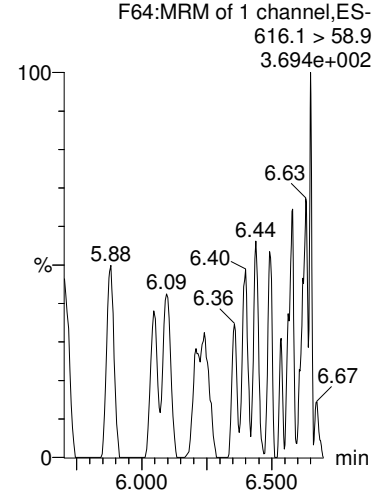


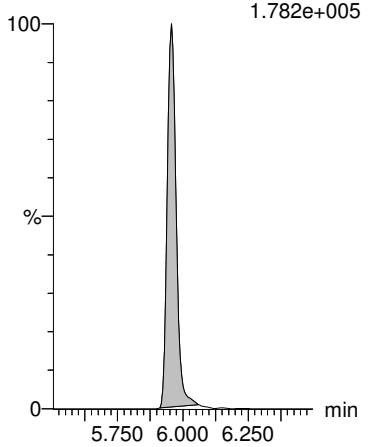
PFHxDA



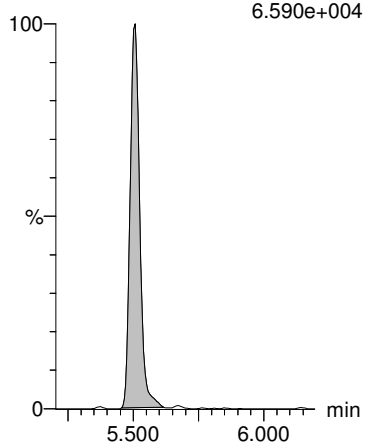
N-MeFOSE



13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



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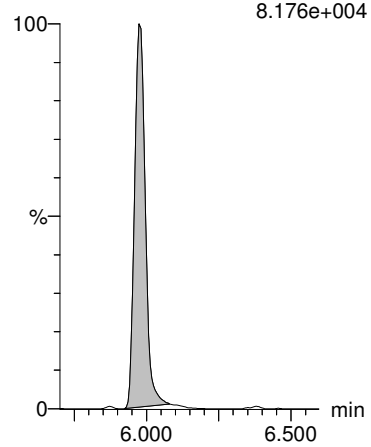

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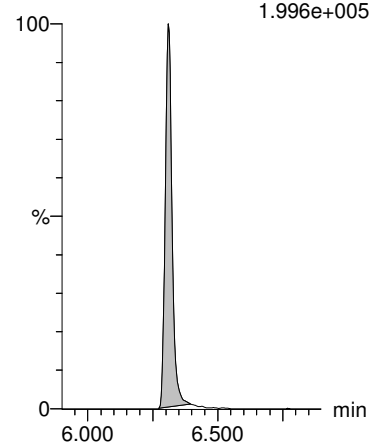

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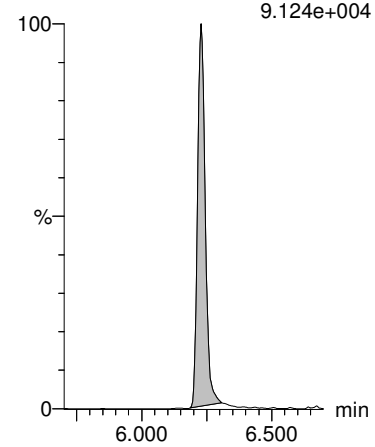


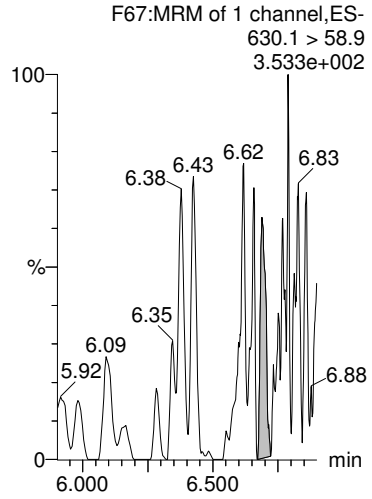
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-43.qld

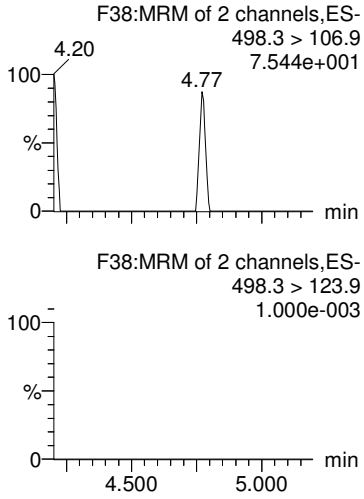
Last Altered: Friday, June 26, 2020 15:45:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:47:22 Pacific Daylight Time

Name: 200623M1_43, Date: 23-Jun-2020, Time: 19:36:49, ID: B0F0146-BLK1 Method Blank 0.25, Description: Method Blank

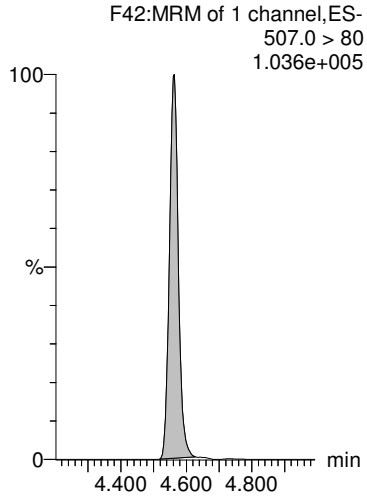
N-EtFOSE



TDCA



13C8-PFOS-EIS



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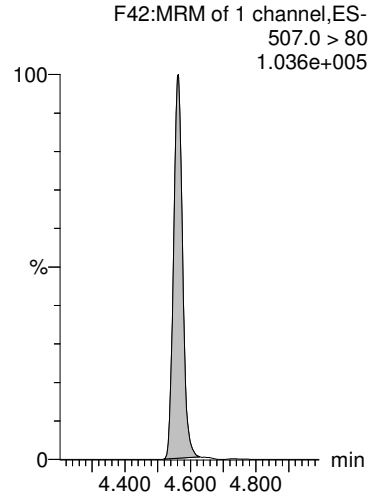

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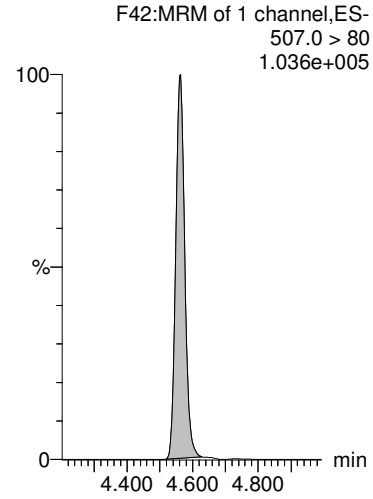
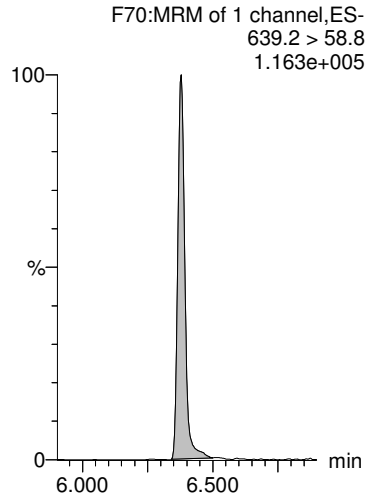
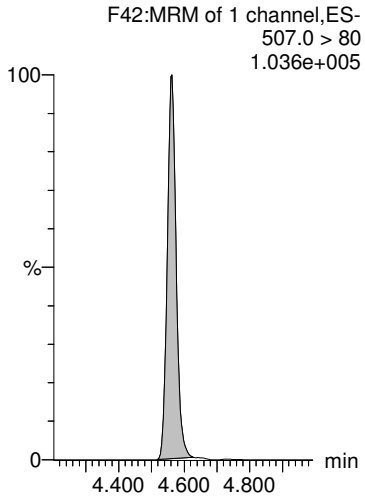


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:57:21 Pacific Daylight Time

Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	3.817e3	3.188e3	0.250		1.10	1.10	15.0	39.525	98.8		
2	4	PFPeA	263.1 > 218.9	3.273e3	4.407e3	0.250		2.06	2.06	9.29	39.948	99.9		
3	5	PFBS	299.0 > 79.7	2.005e3	1.317e3	0.250		2.35	2.35	19.0	37.313	93.3	2.64	NO
4	7	PFHxA	313.0 > 269.0	7.493e3	8.232e3	0.250		2.88	2.88	11.4	40.183	100.5	15.0	NO
5	11	PFHpA	363.0 > 318.9	4.990e3	5.515e3	0.250		3.52	3.52	11.3	36.726	91.8	9.82	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.188e3		0.250	211.507	0.84	1.10	3190	60.298	120.6		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.407e3		0.250	430.335	2.06	2.06	4410	40.959	81.9		
8	51	13C3-PFBS-EIS	302.0 > 99	1.317e3		0.250	119.139	2.49	2.35	1320	44.228	88.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.232e3		0.250	810.703	3.06	2.88	8230	40.619	81.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.515e3		0.250	538.644	3.59	3.52	5510	40.954	81.9		
11	-1													
12	13	L-PFHxS	399 > 80.0	2.648e3	2.950e3	0.250		3.66	3.67	11.2	48.292	120.7	1.73	NO
13	1...	Total PFHxS	399 > 80	2.648e3	2.950e3	0.250		3.83		11.2	48.292			
14	15	6:2 FTS	427 > 407.0	3.794e3	1.570e3	0.250		3.97	3.97	30.2	41.576	103.9	2.05	NO
15	19	PFHpS	448.9 > 80.0	2.348e3	3.552e3	0.250		4.18	4.15	8.26	35.476	88.7	1.88	NO
16	21	PFNA	463.0 > 418.8	9.557e3	9.710e3	0.250		4.48	4.48	12.3	39.221	98.1	3.77	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.950e3		0.250	297.710	3.80	3.66	2950	39.634	79.3		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.950e3		0.250	297.710	3.80	3.66	2950	39.634	79.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.570e3		0.250	189.343	4.04	3.97	1570	33.163	66.3		
20	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.710e3		0.250	1024.035	4.68	4.48	9710	37.928	75.9		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.370e4	1.090e4	0.250		4.03	4.03	15.7	43.050	107.6	3.70	NO
24	1...	Total PFOA	412.8 > 368.9	1.370e4	1.090e4	0.250		4.20		15.7	43.050			
25	23	L-PFOS	499 > 80	2.833e3	3.552e3	0.250		4.56	4.56	9.97	39.359	98.4	2.04	NO
26	1...	Total PFOS	499 > 80	2.833e3	3.552e3	0.250		4.73		9.97	39.359			
27	22	PFOSA	498.0 > 78.0	1.800e3	2.414e3	0.250		4.52	4.52	9.32	39.230	98.1	24.7	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.090e4		0.250	1051.559	4.10	4.03	10900	41.477	83.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.090e4		0.250	1051.559	4.10	4.03	10900	41.477	83.0		
30	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		
31	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		
32	67	13C8-PFOSA-EIS	506. > 78	2.414e3		0.250	327.488	4.58	4.52	2410	29.483	59.0		
33	-1													
34	26	PFDA	513 > 468.8	1.206e4	9.628e3	0.250		4.86	4.86	15.7	40.427	101.1	5.37	NO
35	27	8:2 FTS	526.9 > 507.0	3.260e3	1.526e3	0.250		4.83	4.83	26.7	46.575	116.4	1.48	NO
36	29	L-MeFOSAA	570 > 419	4.542e3	6.877e3	0.250		5.01	5.01	8.26	33.909	84.8	2.55	NO

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MM 6/29/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:57:21 Pacific Daylight Time

Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	4.542e3	6.877e3	0.250		5.17		8.26	33.909			
38	33	PFUdA	563.0 > 518.9	1.049e4	1.418e4	0.250		5.19	5.19	9.25	41.747	104.4	8.20	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.628e3		0.250	1015.350	4.90	4.86	9630	37.931	75.9		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.526e3		0.250	213.425	4.88	4.83	1530	28.604	57.2		
41	77	d3-N-MeFOSAA-EIS	573. > 419	6.877e3		0.250	959.325	5.25	5.01	6880	28.673	57.3		
42	77	d3-N-MeFOSAA-EIS	573. > 419	6.877e3		0.250	959.325	5.25	5.01	6880	28.673	57.3		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.418e4		0.250	1526.144	5.23	5.19	14200	37.167	74.3		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	4.488e3	5.106e3	0.250		5.17	5.18	11.0	43.321	108.3	1.44	NO
46	1...	Total N-EtFOSAA	583.9 > 419	4.488e3	5.106e3	0.250		5.33		11.0	43.321			
47	34	PFDS	599.0 > 80.0	1.754e3	3.552e3	0.250		5.22	5.24	6.17	27.144	67.9	1.30	NO
48	37	PFDoA	612.9 > 569.0	1.141e4	1.531e4	0.250		5.48	5.48	9.32	37.952	94.9	7.90	NO
49	39	PFTrDA	662.9 > 618.9	1.013e4	1.531e4	0.250		5.73	5.73	8.27	36.217	90.5	7.93	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.106e3		0.250	833.625	5.21	5.17	5110	24.500	49.0		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.106e3		0.250	833.625	5.21	5.17	5110	24.500	49.0		
52	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		
53	83	13C2-PFDoA-EIS	615 > 570	1.531e4		0.250	1936.260	5.51	5.48	15300	31.627	63.3		
54	83	13C2-PFDoA-EIS	615 > 570	1.531e4		0.250	1936.260	5.51	5.48	15300	31.627	63.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0	1.026e4	7.816e3	0.250		5.96	5.96	16.4	41.673	104.2	14.9	NO
57	38	N-MeFOSA	512.1 > 168.9	8.292e2	2.327e3	0.250		5.50	5.48	53.2	208.054	104.0	1.67	NO
58	42	N-EtFOSA	526.1 > 168.9	7.470e2	2.927e3	0.250		5.96	5.96	38.1	172.797	86.4	1.35	NO
59	43	PFHxDA	813.1 > 768.6	3.558e3	6.871e3	0.250		6.31	6.31	6.47	42.853	107.1	22.9	NO
60	45	N-MeFOSE	616.1 > 58.9	1.019e3	3.165e3	0.250		6.23	6.24	48.0	192.423	96.2		
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.816e3		0.250	1229.760	5.98	5.96	7820	25.424	50.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.327e3		0.250	89.439	5.60	5.51	2330	104.093	17.4		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.927e3		0.250	145.327	6.03	5.98	2930	80.564	13.5		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.871e3		0.250	1833.619	6.55	6.31	6870	14.989	30.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.165e3		0.250	57.460	6.23	6.23	3170	220.333	36.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	1.376e3	3.366e3	0.250		6.38	6.39	61.0	232.443	116.2		
68	1...	TDCA	498.3>106.9			0.250		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		
70	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		
71	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.366e3		0.250	67.369	6.38	6.38	3370	199.849	33.5		

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
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Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.552e3		0.250	323.537	4.88	4.56	3550	43.916	87.8		

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:57:21 Pacific Daylight Time

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Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

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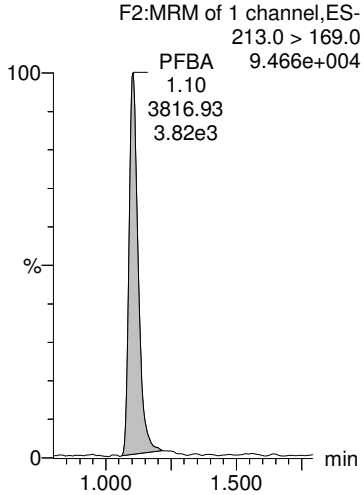

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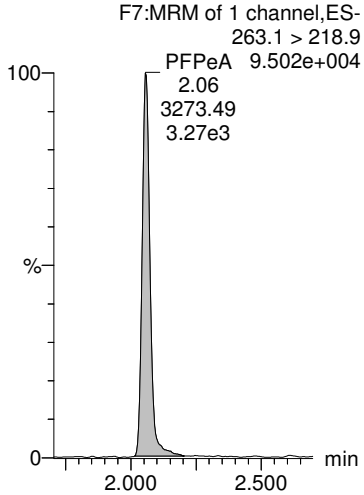

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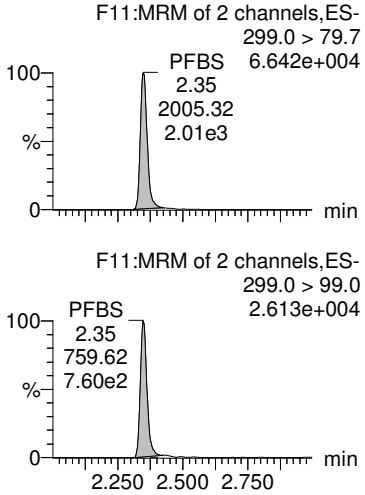

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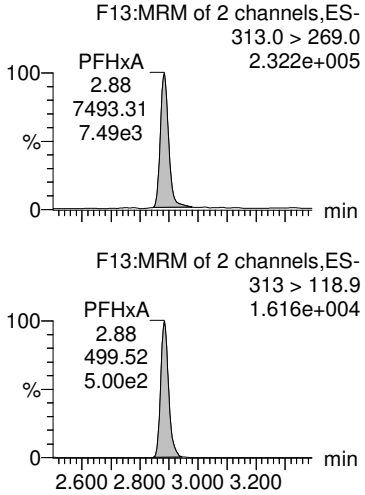

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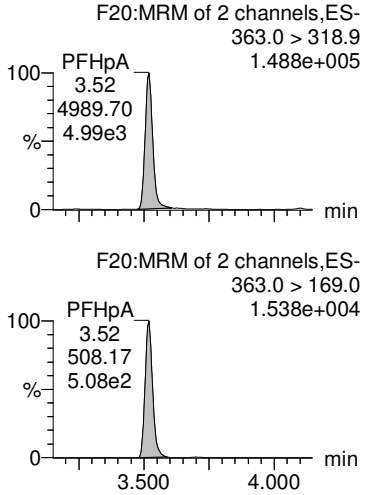

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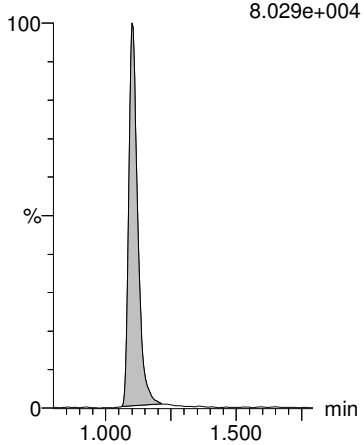

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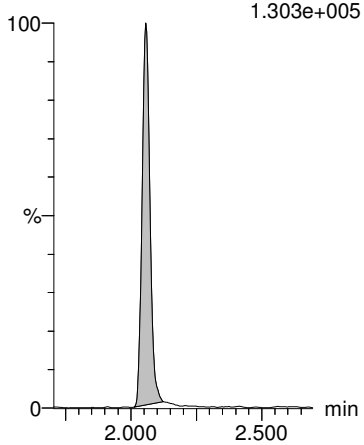

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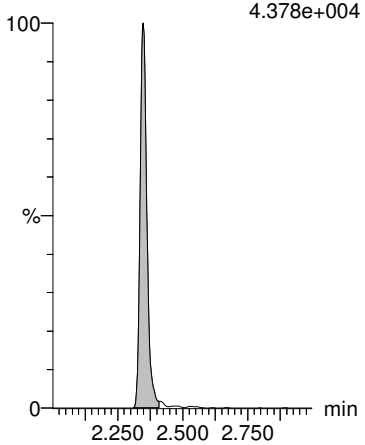

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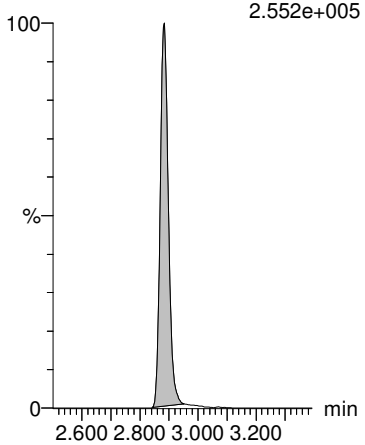

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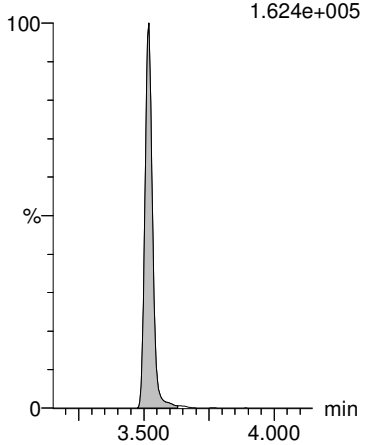


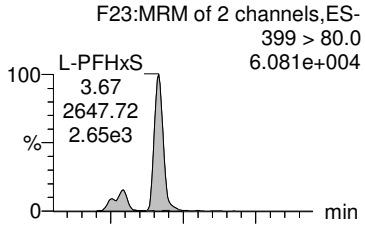
RK 6/26/2020

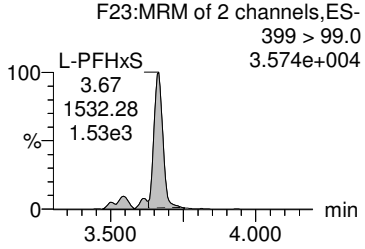
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:57:21 Pacific Daylight Time

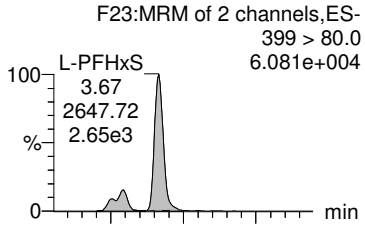
Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

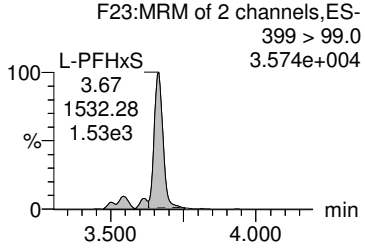
L-PFHxS



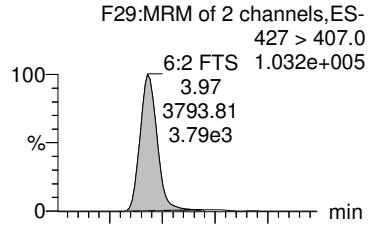


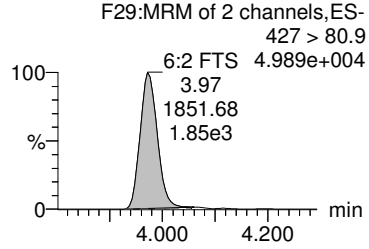
Total PFHxS





6:2 FTS





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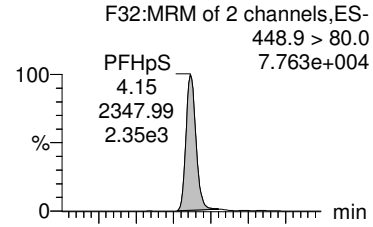

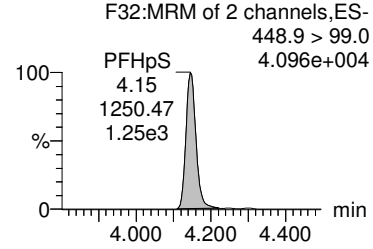

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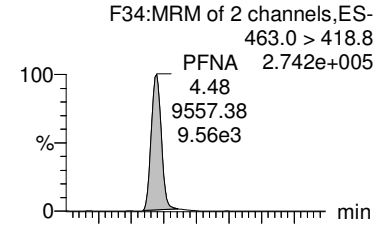

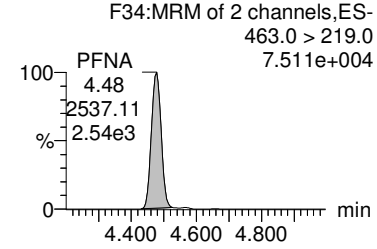

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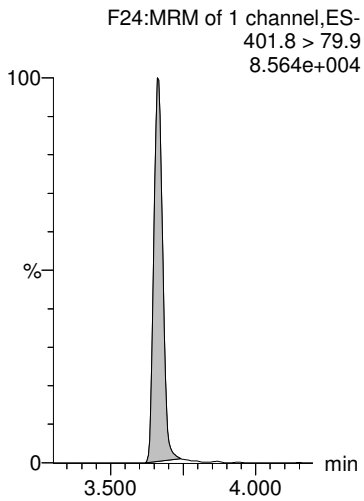

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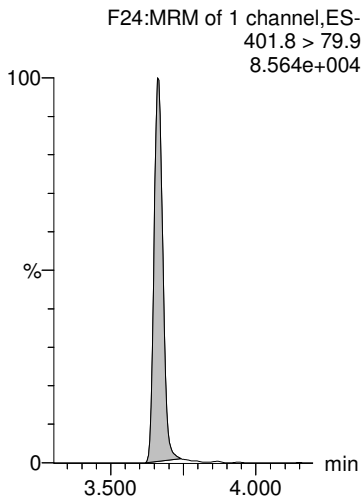

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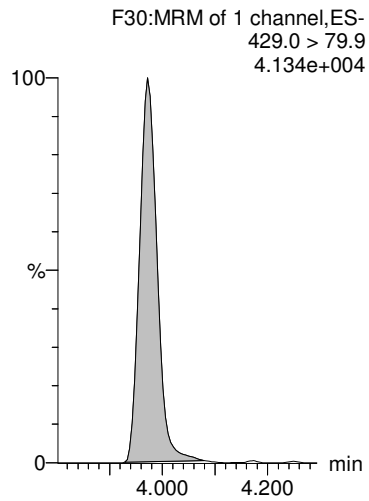

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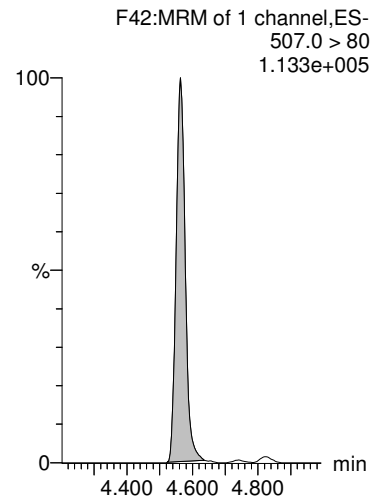

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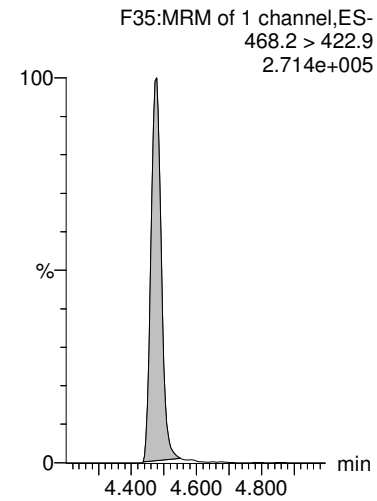

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Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
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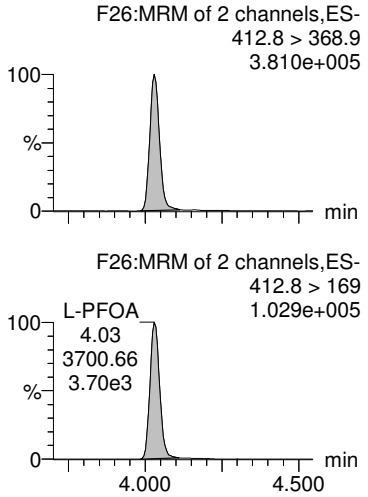
Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

L-PFOA



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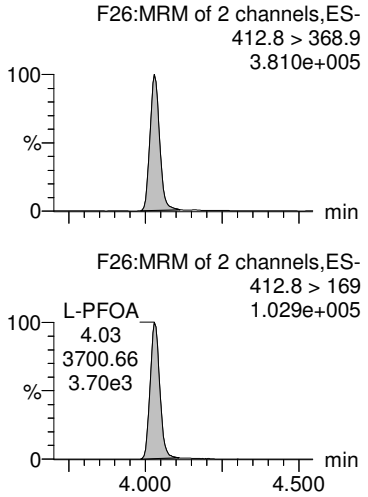

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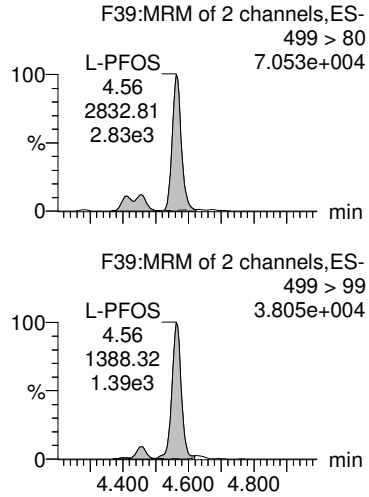
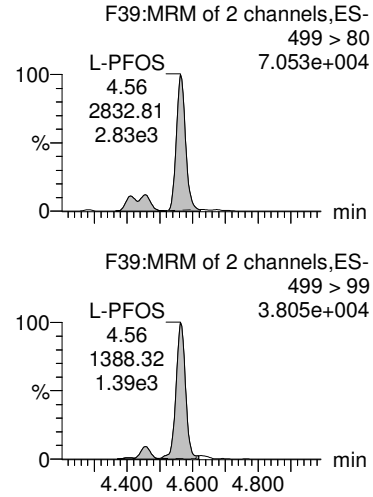
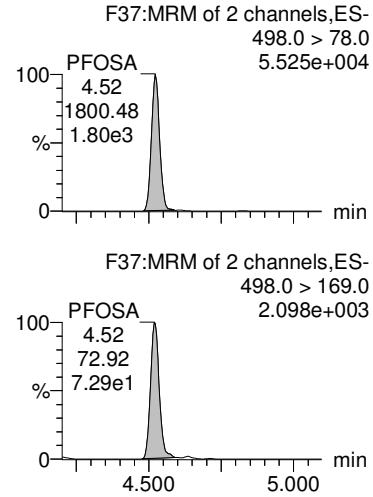


Total PFOS



PFOSA



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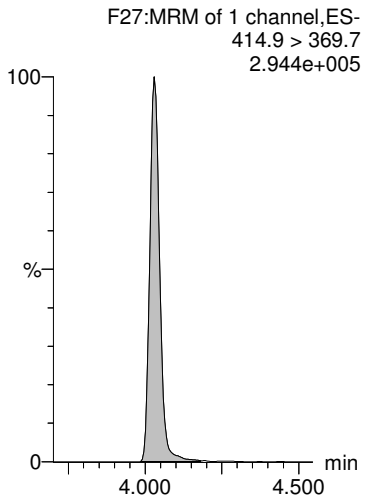

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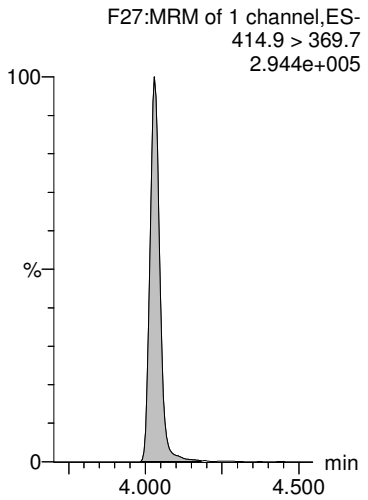

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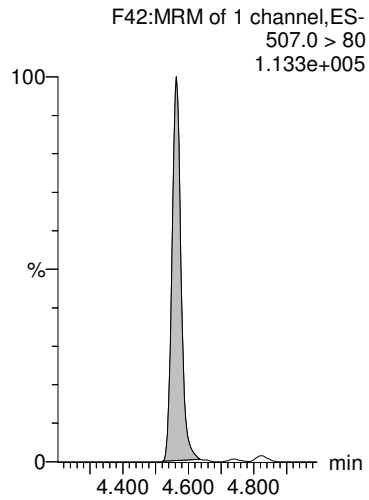

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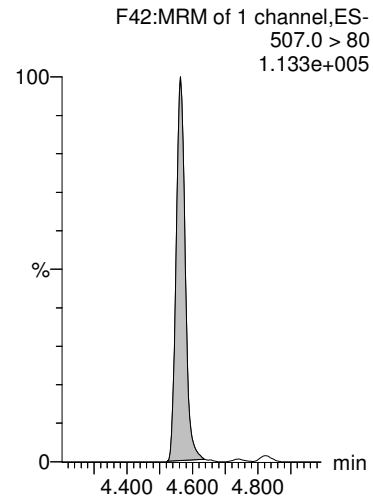

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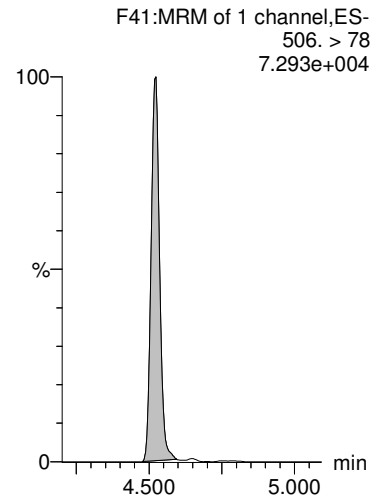

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:57:21 Pacific Daylight Time

Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

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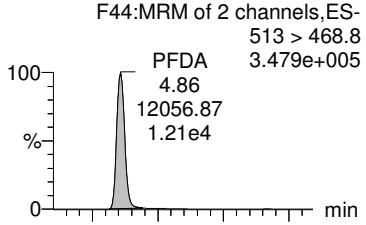

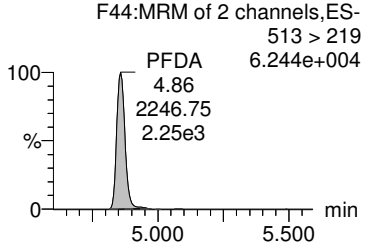

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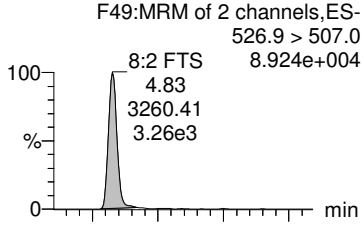
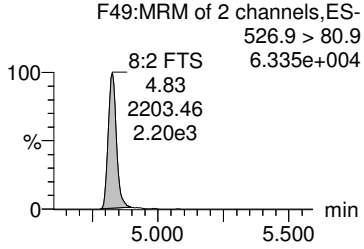
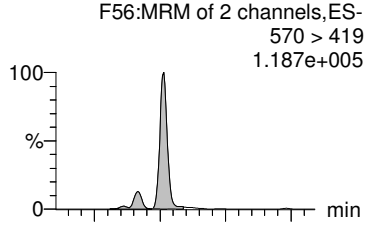
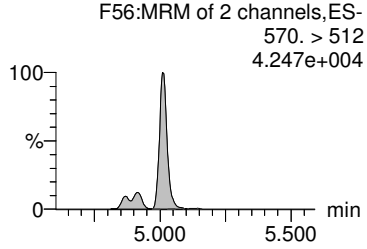




L-MeFOSAA





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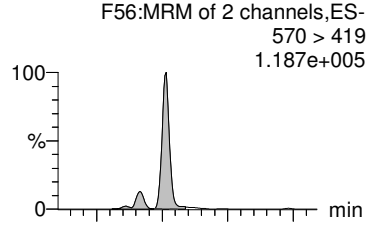
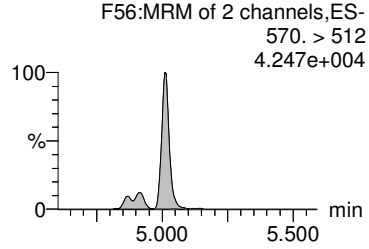
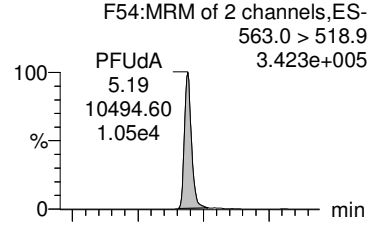
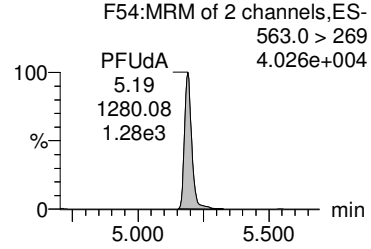




PFUdA





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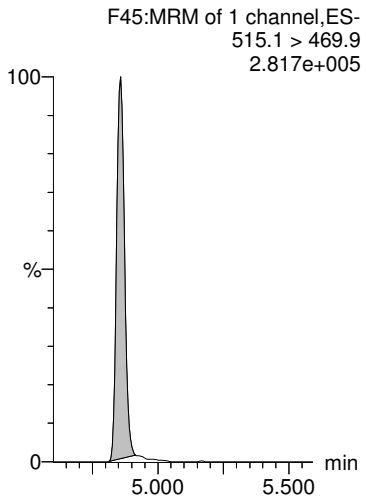

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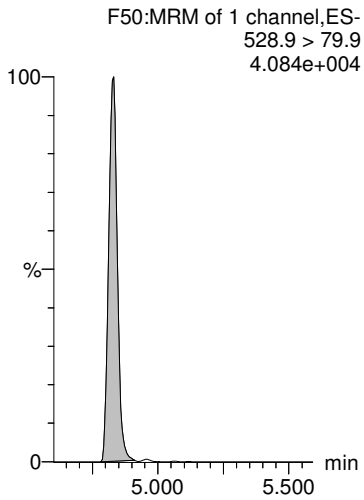

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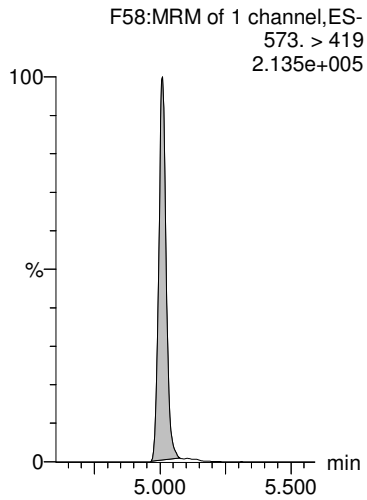

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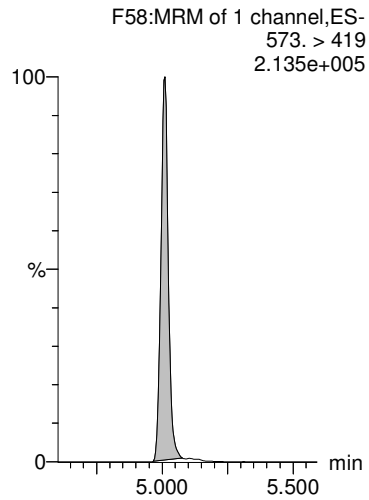

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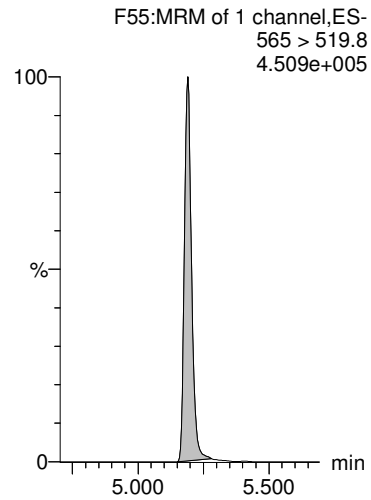

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Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:57:21 Pacific Daylight Time

Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

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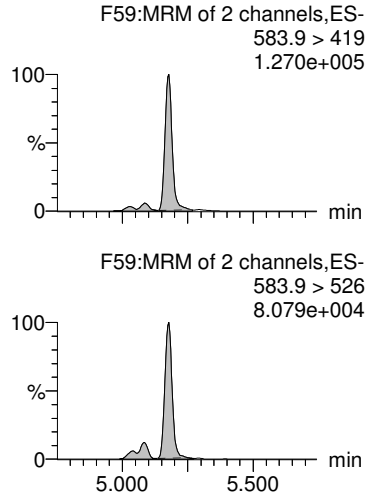

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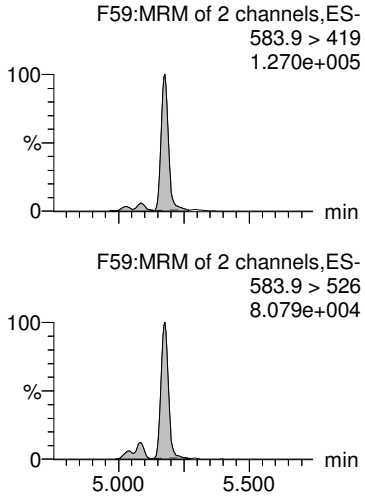

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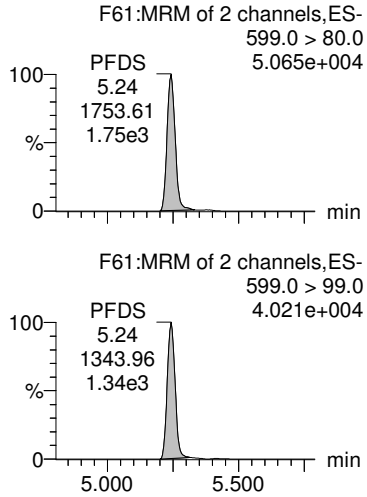

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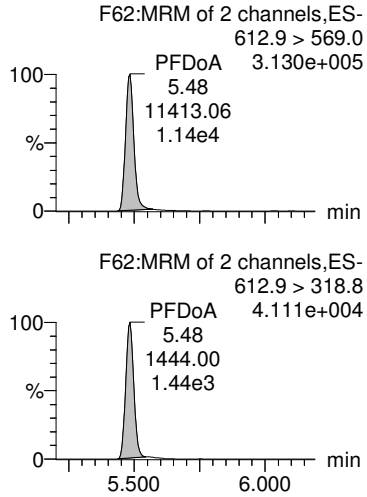

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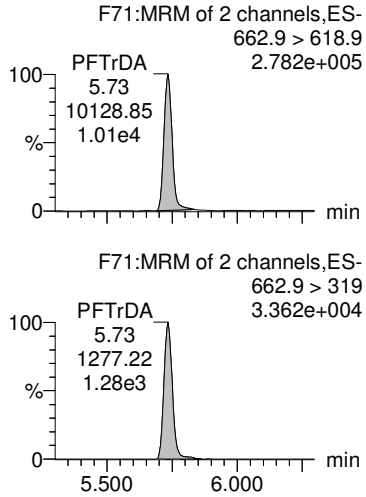

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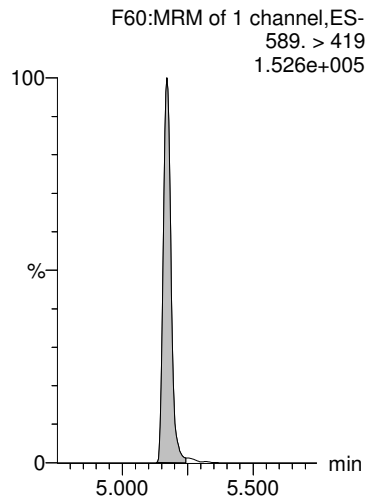

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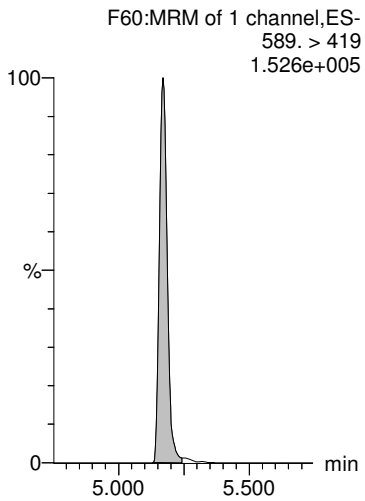

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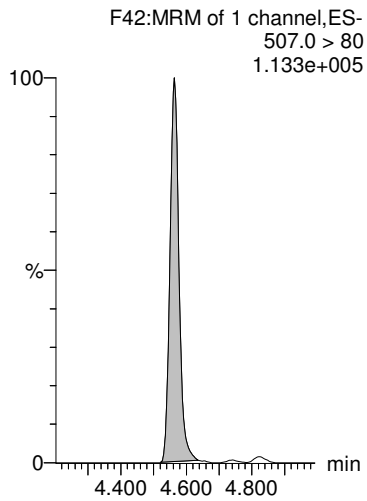

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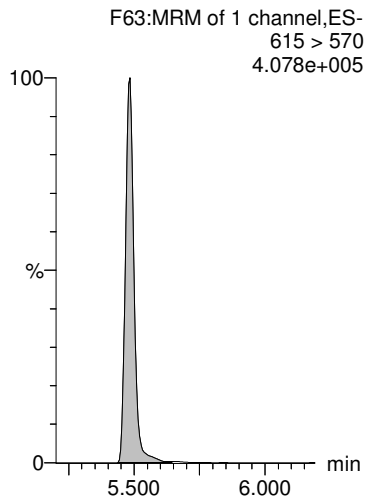

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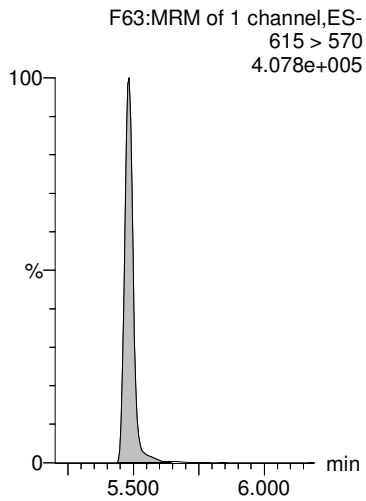

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

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Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

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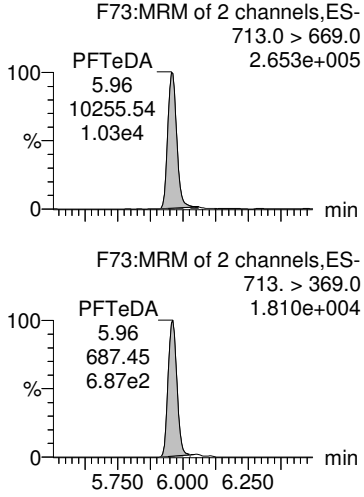

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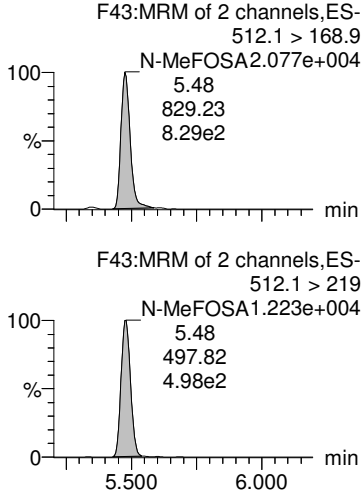

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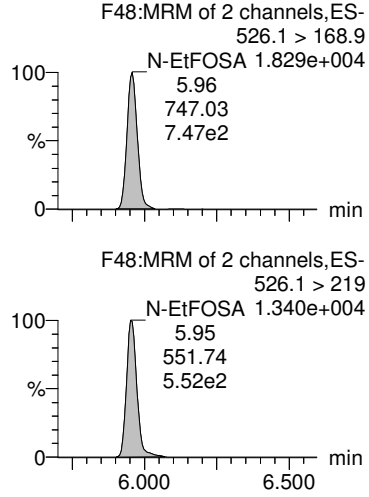
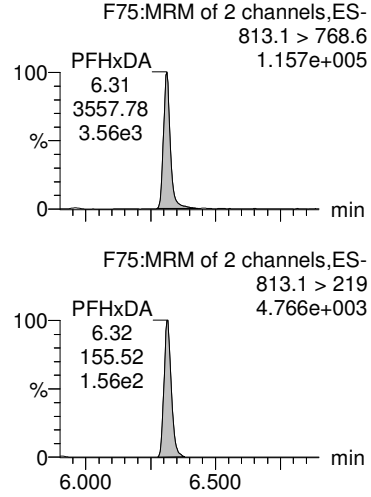
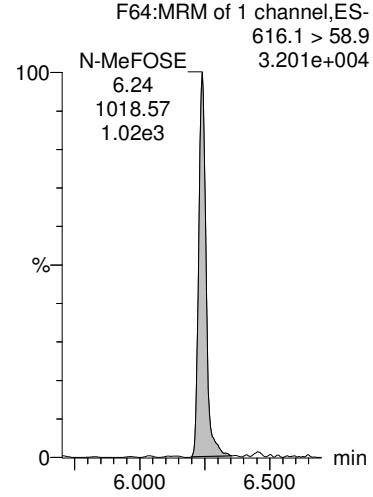


PFHxDA



N-MeFOSE



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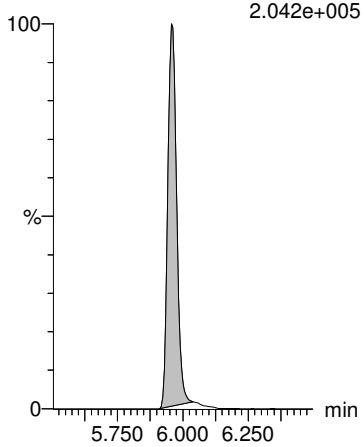

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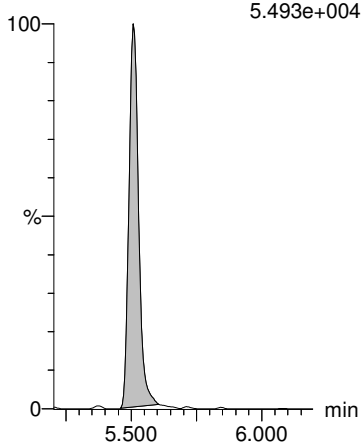

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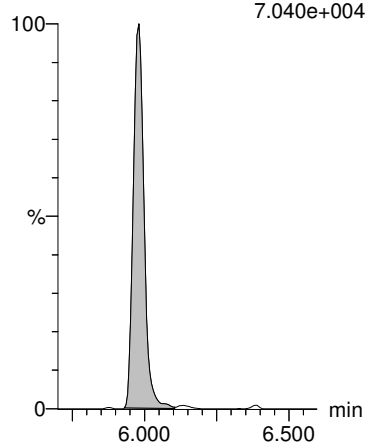

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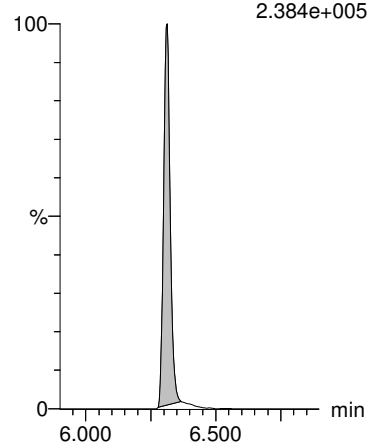

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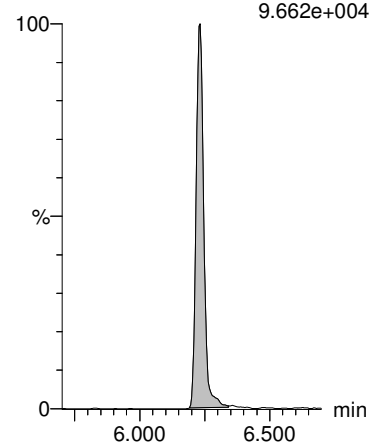

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-44.qld

Last Altered: Friday, June 26, 2020 15:56:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 15:57:21 Pacific Daylight Time

Name: 200623M1_44, Date: 23-Jun-2020, Time: 19:47:11, ID: B0F0146-BS1 OPR 0.25, Description: OPR

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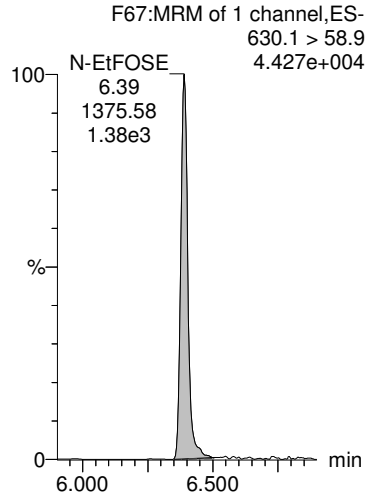

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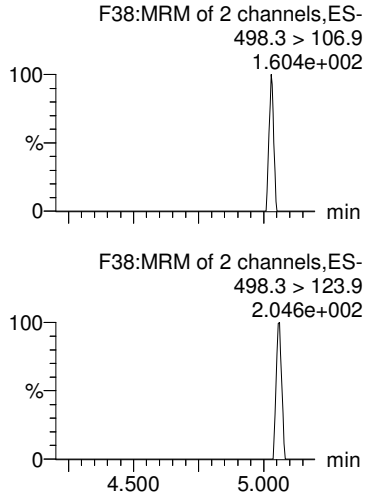
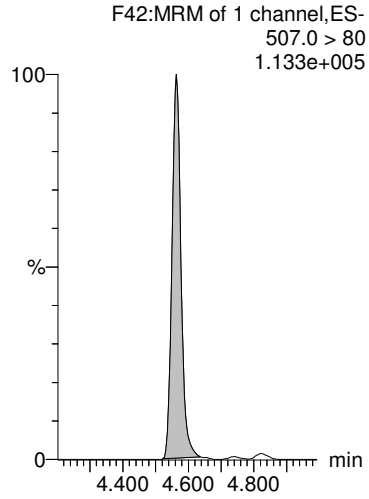


13C8-PFOS-EIS



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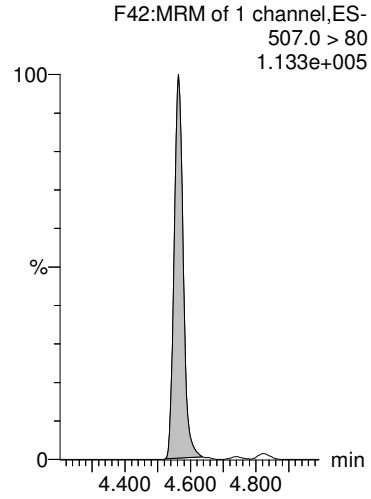

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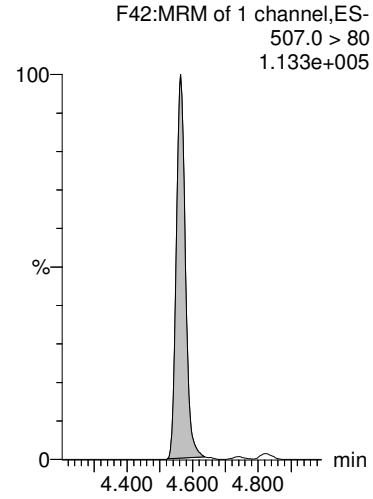

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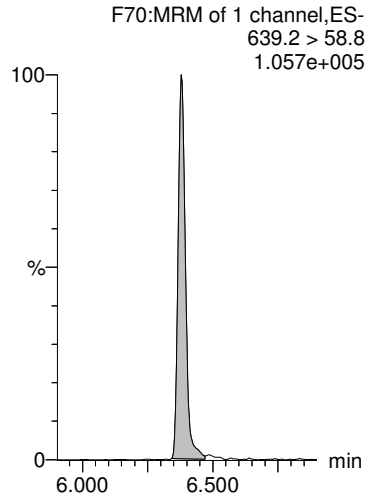

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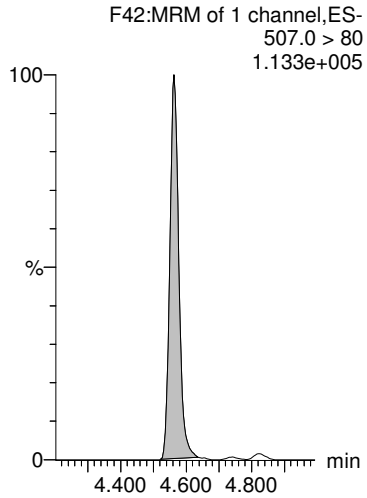

RK 6/26/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

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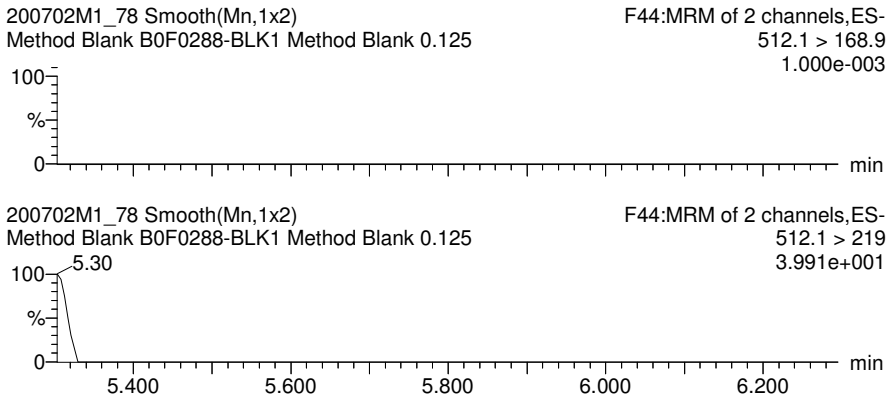
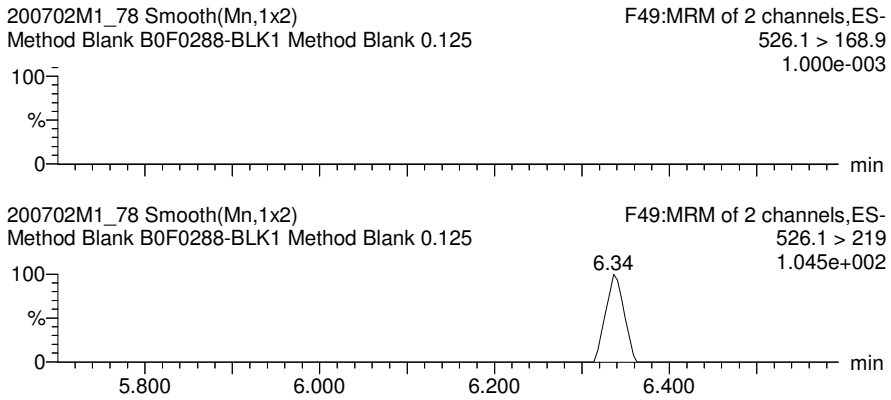
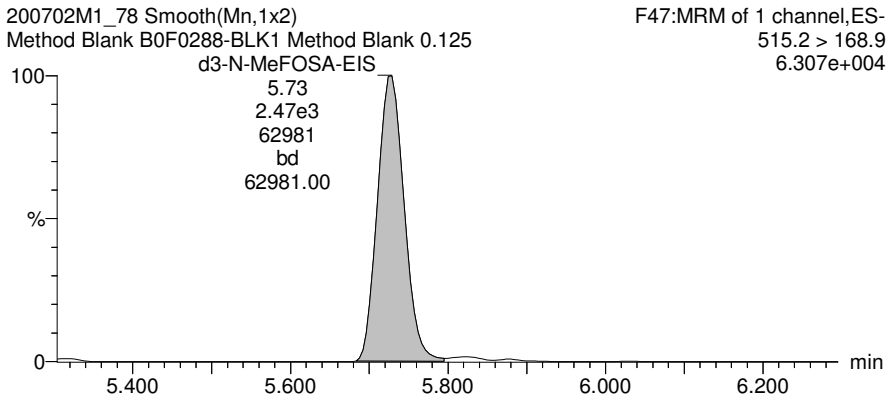
N-MeFOSA



N-EtFOSA



d3-N-MeFOSA-EIS



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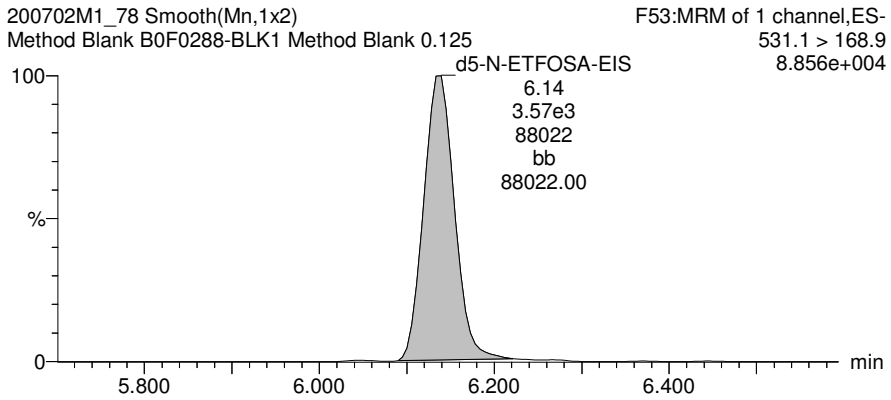


	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		2.466e3	0.125							YES
2	42	N-EtFOSA	526.1 > 168.9		3.569e3	0.125							YES
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	2.466e3		0.125	74.578	5.73	2465.954	264.524	22.2		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	3.569e3		0.125	110.195	6.14	3569.410	259.135	21.7		

GM 7/6/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

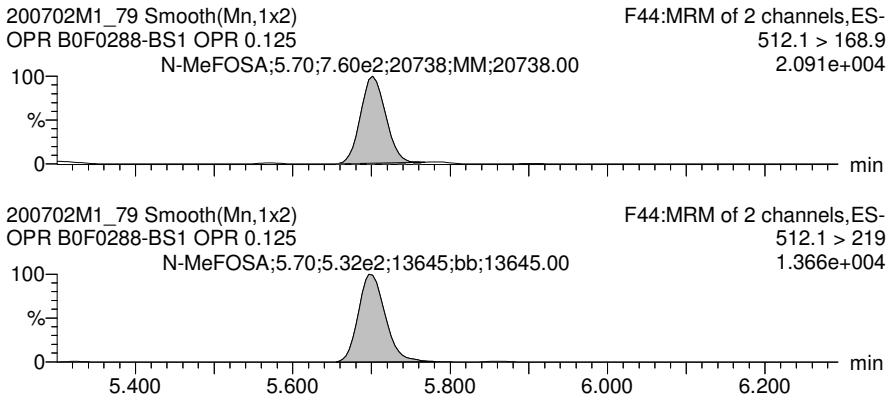
Dataset: M:\Projects\PFAS.PRO\Results\200702M1\200702M1-78-95.qld

Last Altered: Monday, July 06, 2020 19:31:35 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:36:18 Pacific Daylight Time

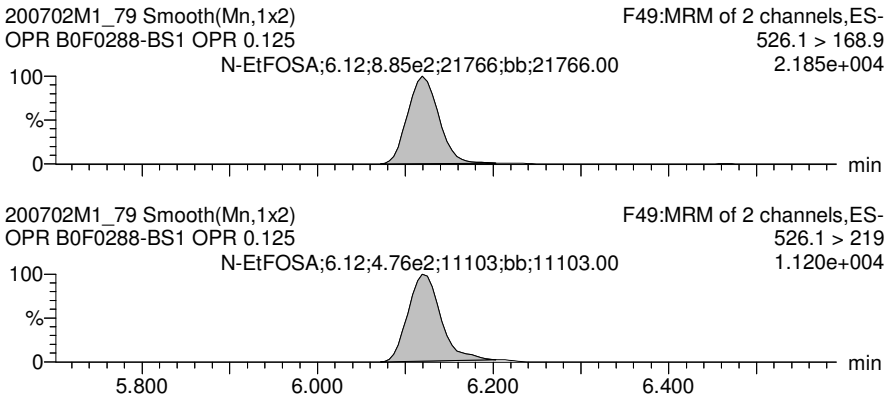
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_79, Date: 03-Jul-2020, Time: 04:56:25, ID: B0F0288-BS1 OPR 0.125, Description: OPR

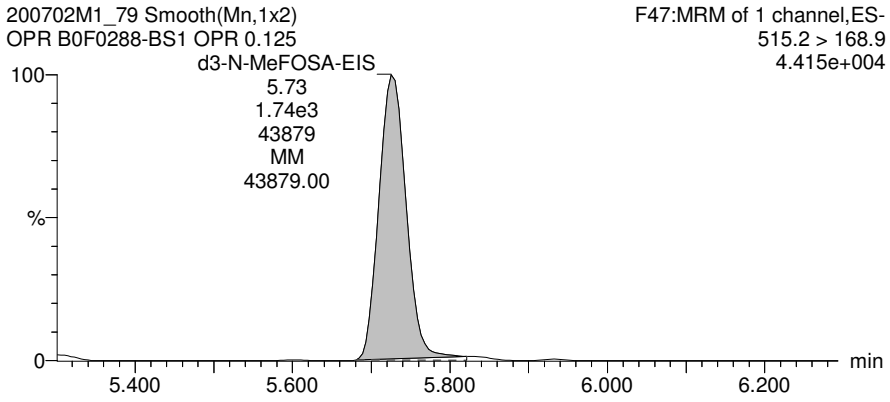
N-MeFOSA



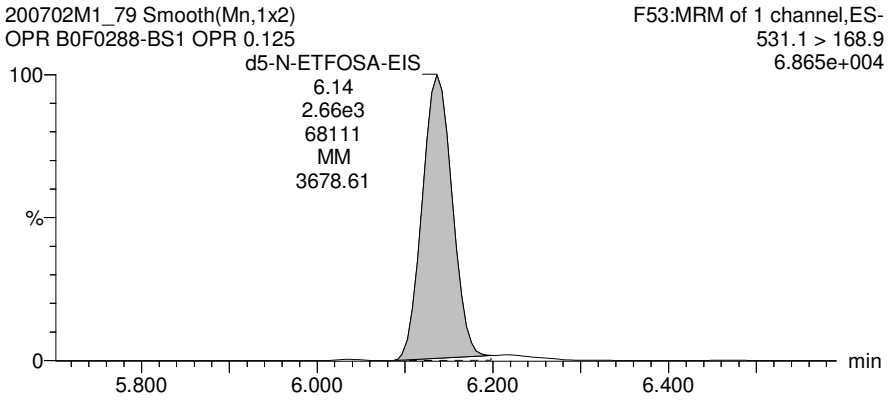
N-EtFOSA



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9	7.600e2	1.738e3	0.125		5.70	65.232	499.251	124.8	1.427	NO
2	42	N-EtFOSA	526.1 > 168.9	8.851e2	2.658e3	0.125		6.12	49.682	485.072	121.3	1.859	NO
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.738e3		0.125	74.578	5.73	1738.244	186.462	15.6		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.658e3		0.125	110.195	6.14	2658.191	192.981	16.2		

GM 7/6/2020

MM 6/29/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-49.qld

Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.369e3	2.431e3	0.106		1.10	1.10	7.04	43.838			
2	4	PFPeA	263.1 > 218.9	7.259e3	4.069e3	0.106		2.05	2.07	22.3	225.933			
3	5	PFBS	299.0 > 79.7	5.339e2	1.287e3	0.106		2.34	2.34	5.19	24.154		2.61	NO
4	7	PFHxA	313.0 > 269.0	1.291e4	7.747e3	0.106		2.88	2.88	20.8	172.802		16.1	NO
5	11	PFHpA	363.0 > 318.9	1.130e4	5.054e3	0.106		3.52	3.52	28.0	213.594		9.82	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.431e3		0.106	211.507	0.84	1.10	2430	108.212	92.0		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.069e3		0.106	430.335	2.06	2.05	4070	89.019	75.6		
8	51	13C3-PFBS-EIS	302.0 > 99	1.287e3		0.106	119.139	2.49	2.34	1290	101.663	86.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.747e3		0.106	810.703	3.06	2.88	7750	89.962	76.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.054e3		0.106	538.644	3.59	3.52	5050	88.340	75.1		
11	-1													
12	13	L-PFHxS	399 > 80.0	2.379e3	3.058e3	0.106		3.67	3.67	9.73	98.538		1.71	NO
13	1...	Total PFHxS	399 > 80	2.379e3	3.058e3	0.106		3.83		9.73	98.538			
14	15	6:2 FTS	427 > 407.0	1.648e1	1.657e3	0.106		3.97	3.97	0.124	0.332		0.739	NO
15	19	PFHpS	448.9 > 80.0	1.728e2	3.448e3	0.106		4.18	4.15	0.626	5.751		1.78	NO
16	21	PFNA	463.0 > 418.8	3.299e3	9.486e3	0.106		4.47	4.36	4.35	32.900		2.86	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.058e3		0.106	297.710	3.80	3.67	3060	96.709	82.2		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.058e3		0.106	297.710	3.80	3.67	3060	96.709	82.2		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.657e3		0.106	189.343	4.04	3.97	1660	82.388	70.0		
20	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.486e3		0.106	1024.035	4.68	4.47	9490	87.209	74.1		
22	-1													
23	16	L-PFOA	412.8 > 368.9	5.628e4	1.069e4	0.106		4.03	4.03	65.8	425.281		3.41	NO
24	1...	Total PFOA	412.8 > 368.9	5.628e4	1.069e4	0.106		4.20		65.8	425.281			
25	23	L-PFOS	499 > 80	6.617e3	3.448e3	0.106		4.56	4.56	24.0	223.078		1.95	NO
26	1...	Total PFOS	499 > 80	6.617e3	3.448e3	0.106		4.73		24.0	223.078			
27	22	PFOSA	498.0 > 78.0	3.330e2	2.212e3	0.106		4.52	4.52	1.88	18.600		34.3	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.069e4		0.106	1051.559	4.10	4.03	10700	95.725	81.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.069e4		0.106	1051.559	4.10	4.03	10700	95.725	81.3		
30	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		
31	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		
32	67	13C8-PFOSA-EIS	506. > 78	2.212e3		0.106	327.488	4.58	4.52	2210	63.588	54.0		
33	-1													
34	26	PFDA	513 > 468.8		1.028e4	0.106		4.86						YES
35	27	8:2 FTS	526.9 > 507.0		1.983e3	0.106		4.83						YES
36	29	L-MeFOSAA	570 > 419		6.872e3	0.106		5.01						YES

RK 6/26/2020

MM 6/29/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-49.qld

Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	6.872e3	0.106		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.581e4	0.106		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.028e4		0.106	1015.350	4.90	4.86	10300	95.309	81.0		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.983e3		0.106	213.425	4.88	4.83	1980	87.476	74.3		
41	77	d3-N-MeFOSAA-EIS	573. > 419	6.872e3		0.106	959.325	5.25	5.01	6870	67.444	57.3		
42	77	d3-N-MeFOSAA-EIS	573. > 419	6.872e3		0.106	959.325	5.25	5.01	6870	67.444	57.3		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.581e4		0.106	1526.144	5.23	5.19	15800	97.541	82.9		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.276e3	0.106		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.276e3	0.106		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.448e3	0.106		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.756e4	0.106		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.756e4	0.106		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.276e3		0.106	833.625	5.21	5.17	6280	70.874	60.2		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.276e3		0.106	833.625	5.21	5.17	6280	70.874	60.2		
52	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		
53	83	13C2-PFDoA-EIS	615 > 570	1.756e4		0.106	1936.260	5.51	5.48	17600	85.373	72.5		
54	83	13C2-PFDoA-EIS	615 > 570	1.756e4		0.106	1936.260	5.51	5.48	17600	85.373	72.5		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.063e4	0.106		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		3.308e2	0.106		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		6.472e2	0.106		5.96						YES
59	43	PFHxDA	813.1 > 768.6		1.598e4	0.106		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		3.667e3	0.106		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.063e4		0.106	1229.760	5.98	5.96	10600	81.405	69.2		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.308e2		0.106	89.439	5.60	5.51	331	34.825	2.5		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	6.472e2		0.106	145.327	6.03	5.98	647	41.924	3.0		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.598e4		0.106	1833.619	6.55	6.31	16000	82.045	69.7		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.667e3		0.106	57.460	6.23	6.23	3670	600.766	42.8		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.931e3	0.106		6.38						
68	1...	TDCA	498.3>106.9			0.106		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		
70	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		
71	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.931e3		0.106	67.369	6.38	6.38	4930	689.076	49.1		

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-49.qld

Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.448e3		0.106	323.537	4.88	4.56	3450	100.327	85.3		

RK 6/26/2020

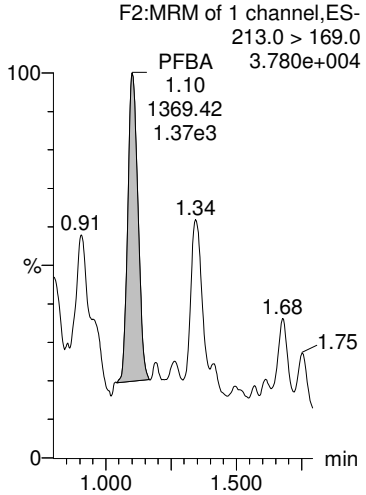
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-49.qld

Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 17:09:55
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

PFBA



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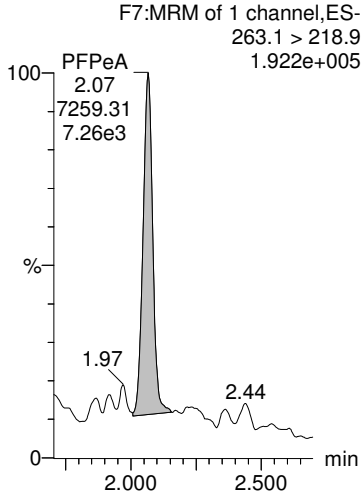
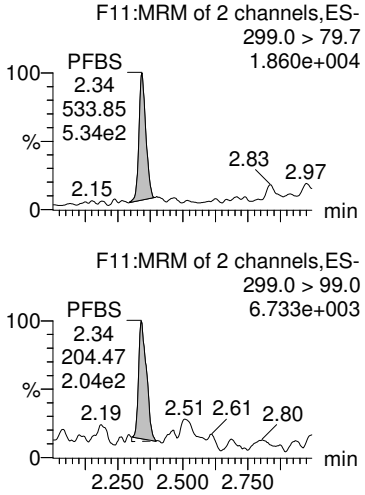
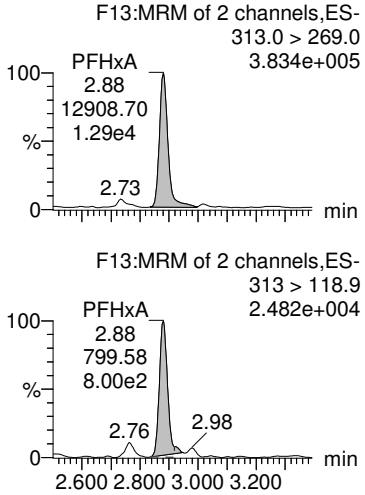


PFBS



PFHxA



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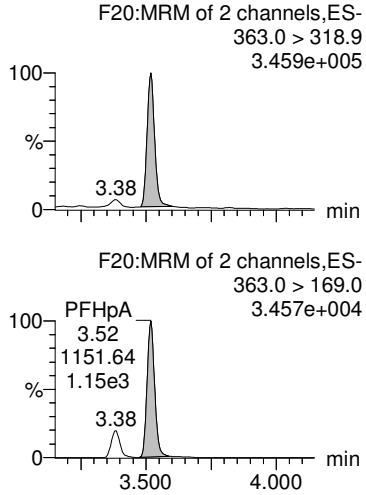
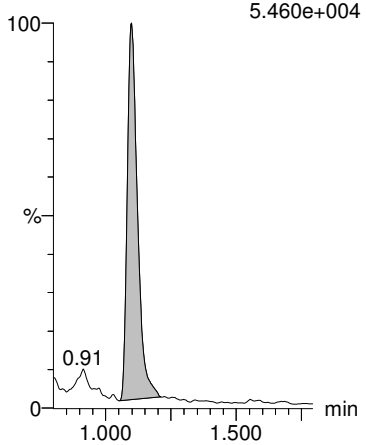


13C3-PFBA-EIS



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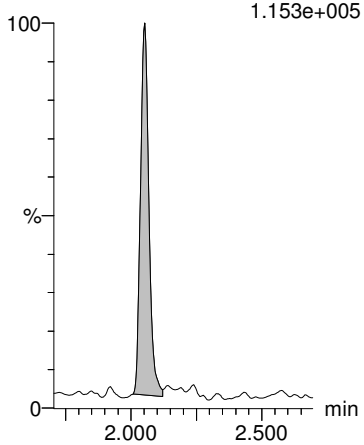

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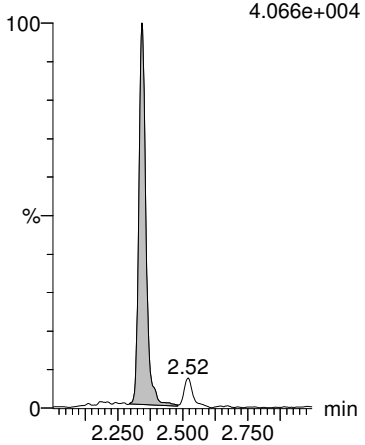
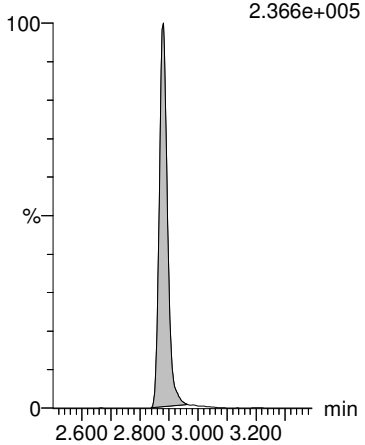


13C2-PFHxA-EIS



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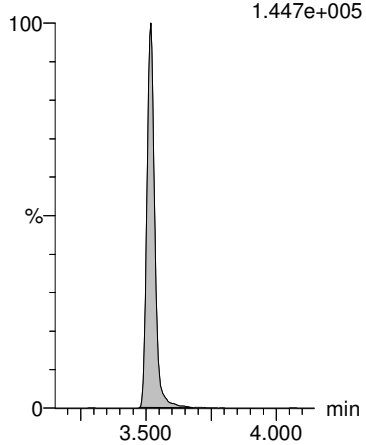
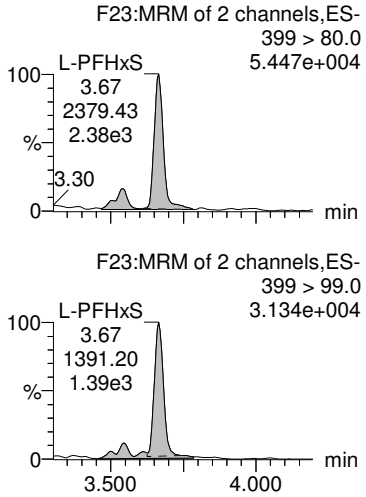


Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-49.qld

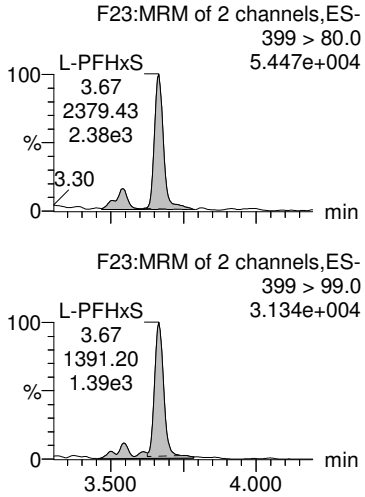
Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

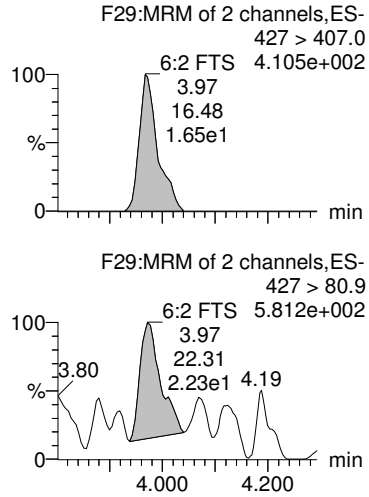
L-PFHxS



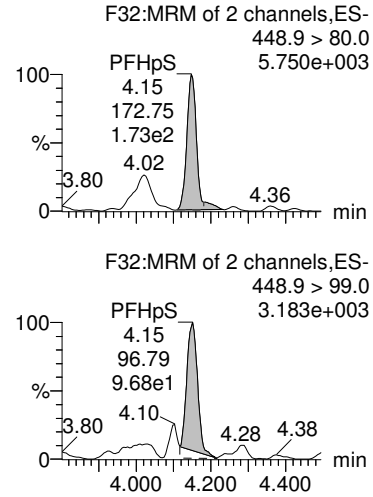
Total PFHxS



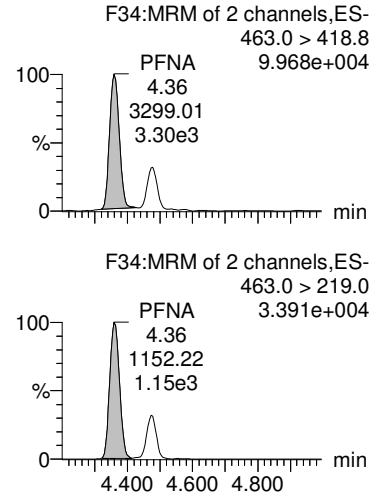
6:2 FTS



PFHpS



PFNA



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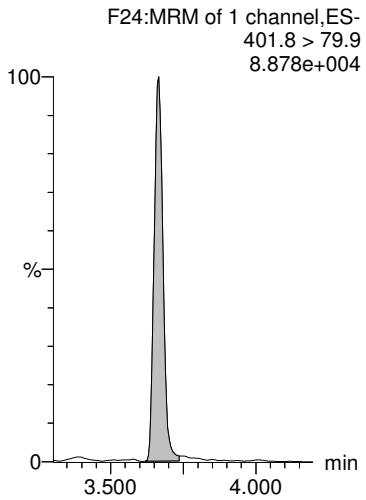

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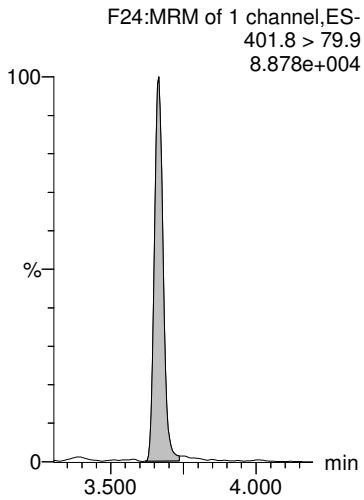
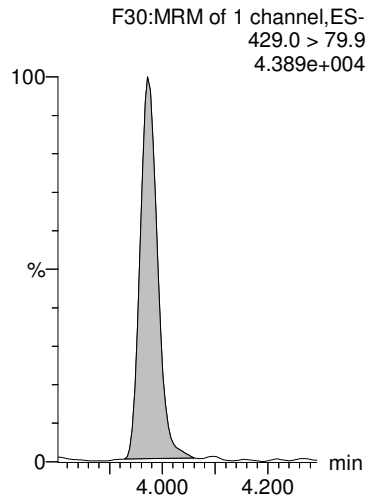
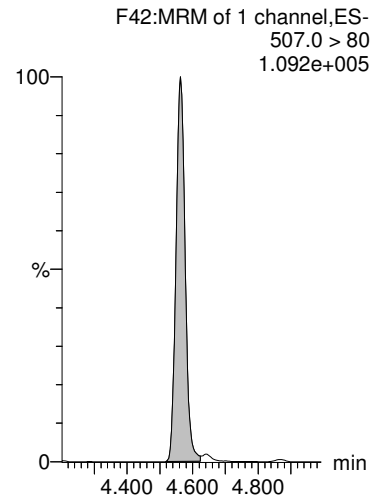


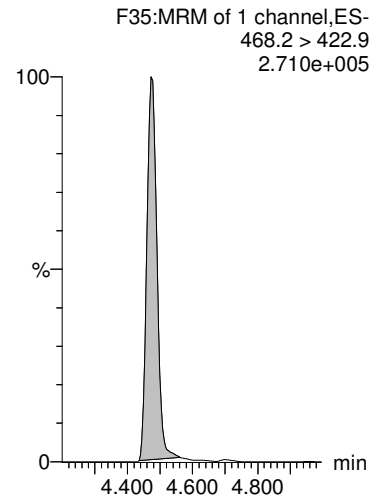
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



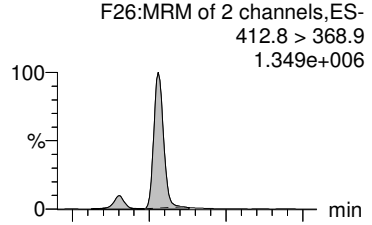
RK 6/26/2020

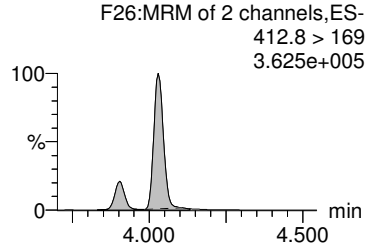
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-49.qld

Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

L-PFOA





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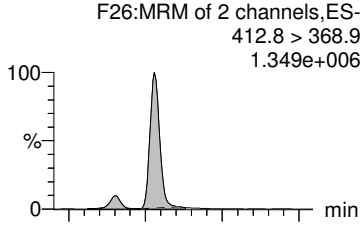
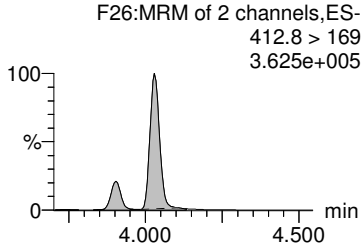
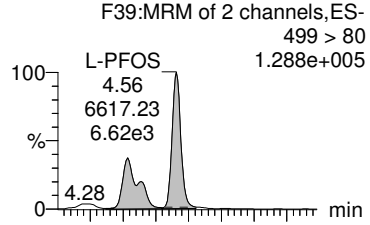
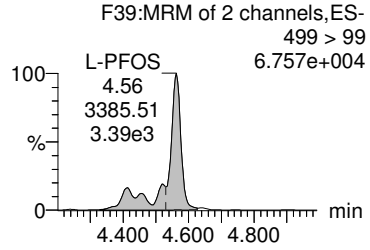




L-PFOS





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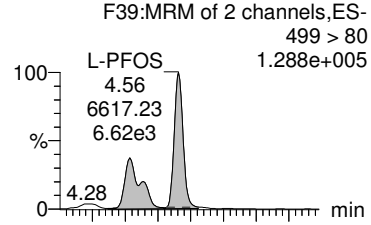

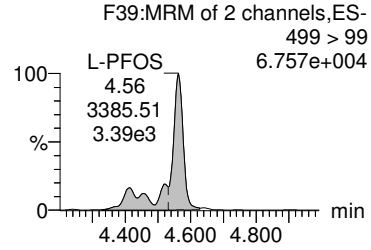

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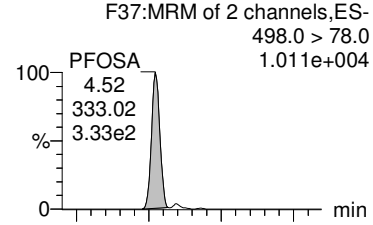

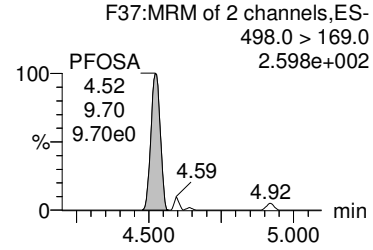

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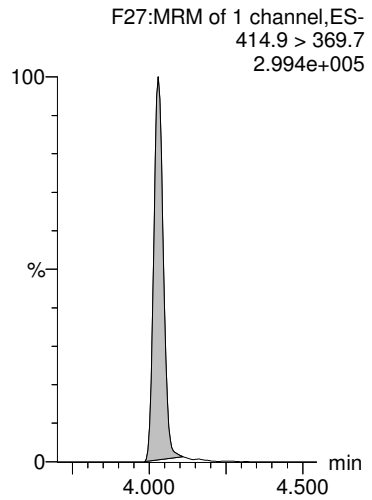

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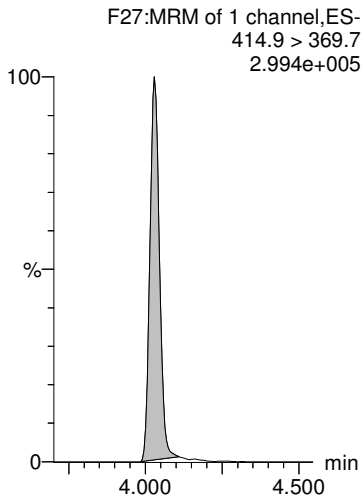

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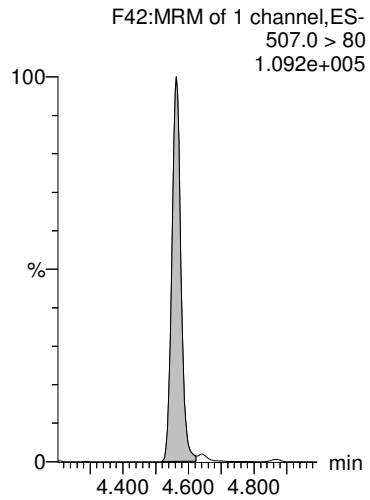

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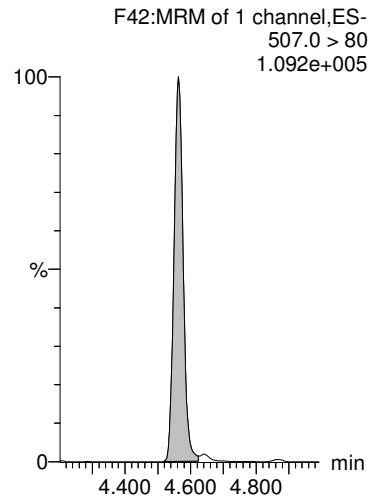

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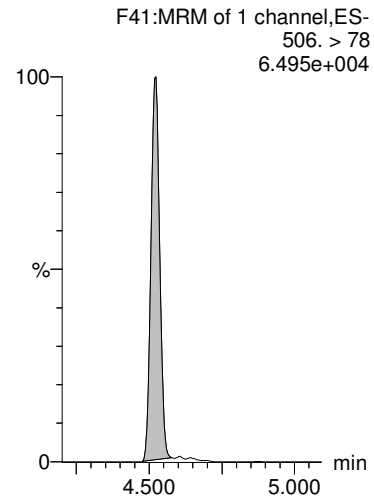

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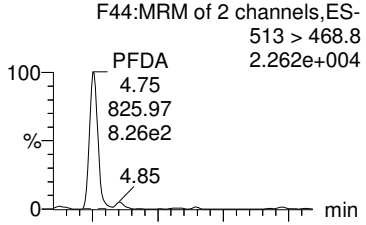
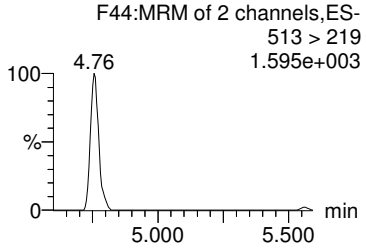
Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

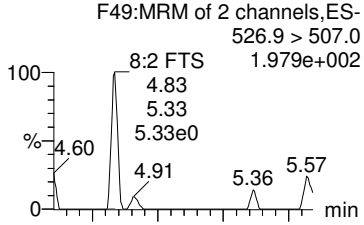
Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

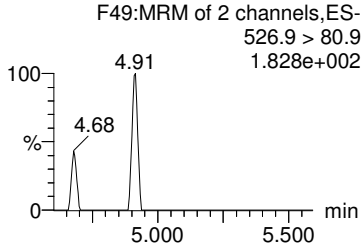
PFDA



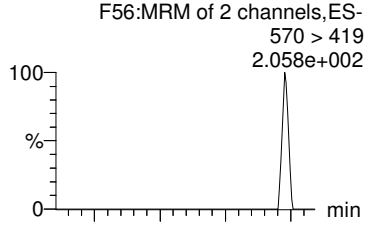


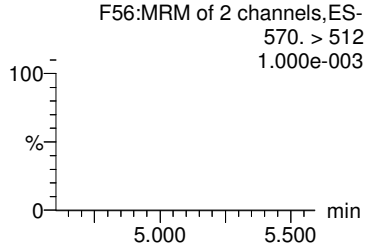
8:2 FTS





L-MeFOSAA





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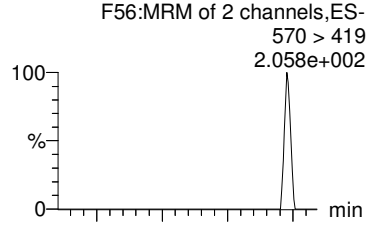
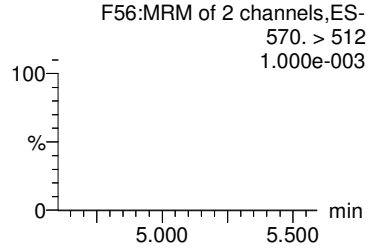
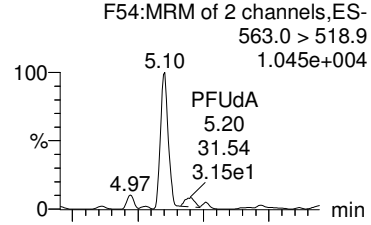
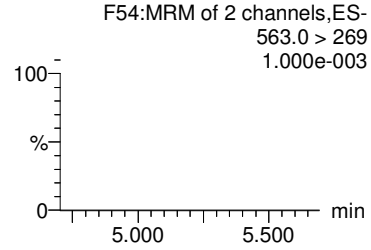




PFUdA





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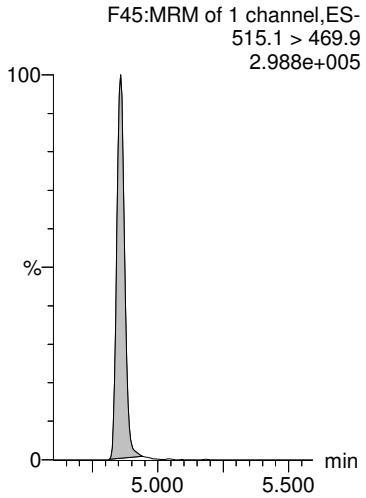
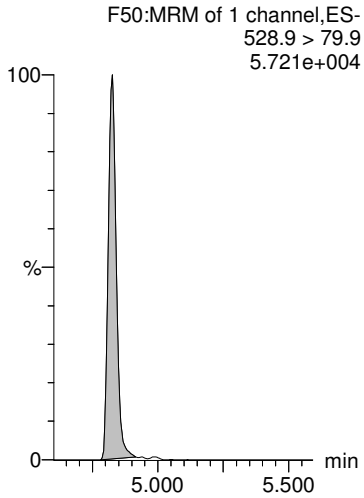
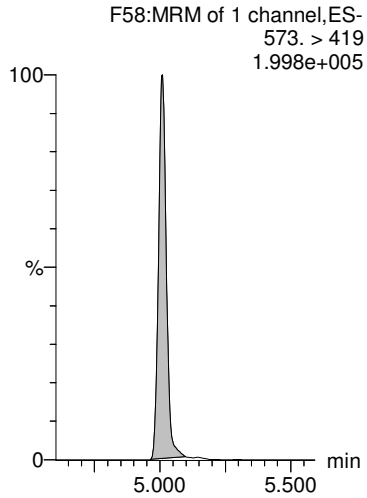


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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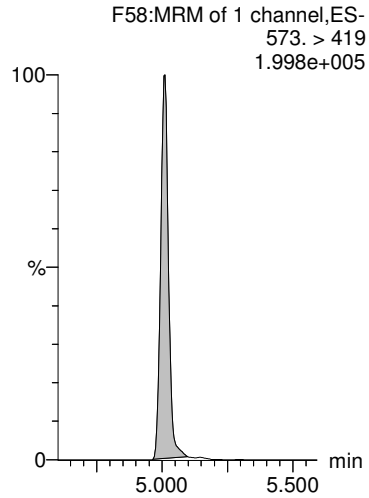

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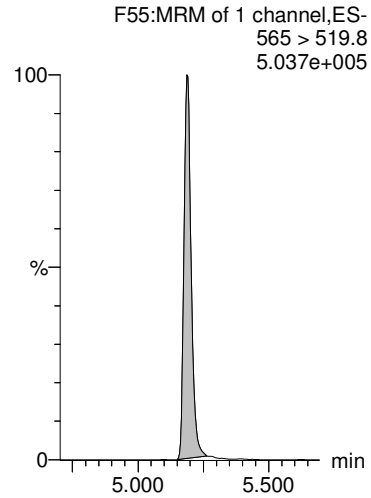

RK 6/26/2020

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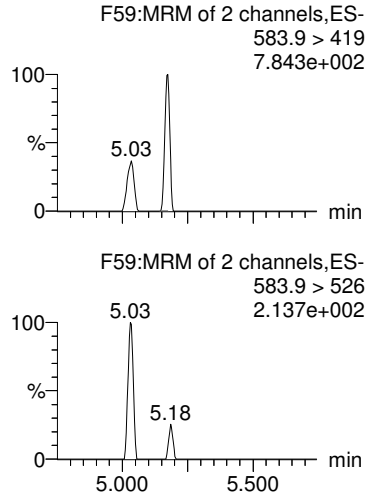
Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

L-EtFOSAA



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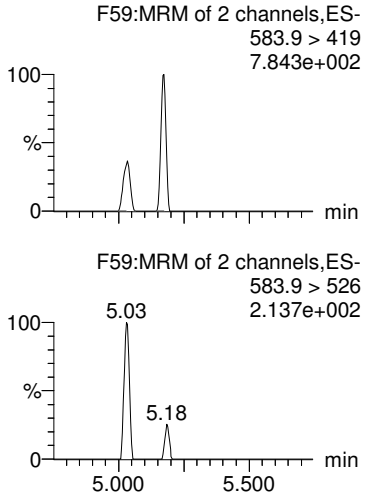

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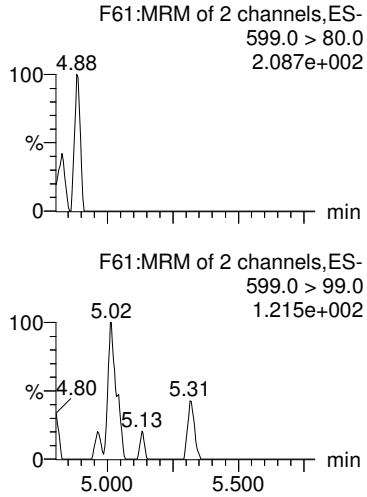

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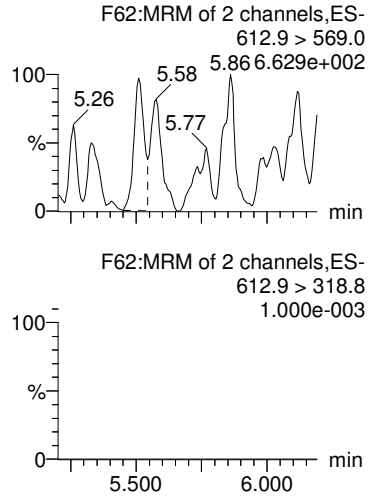

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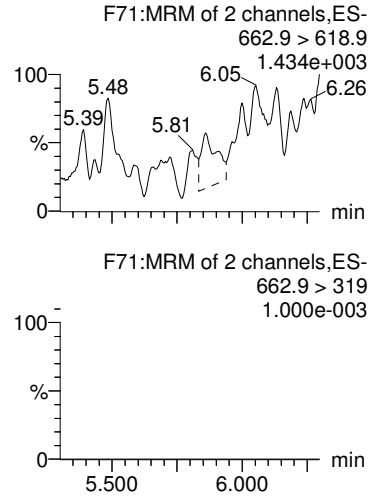

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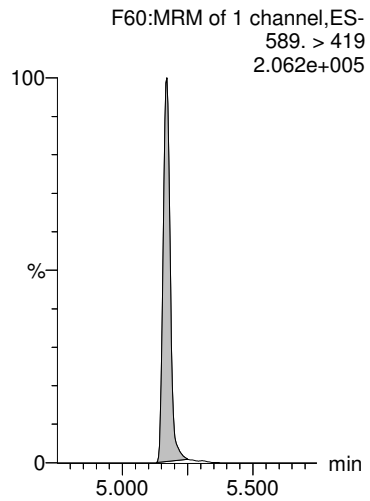

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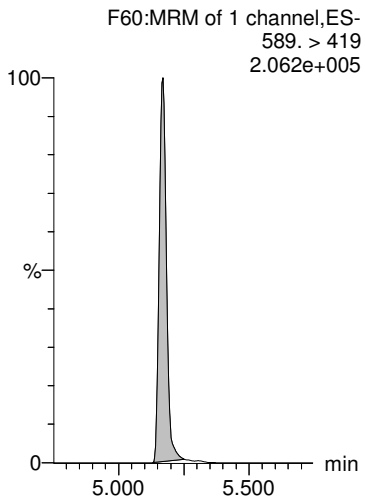
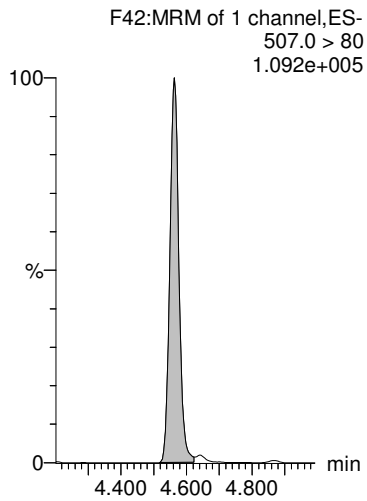
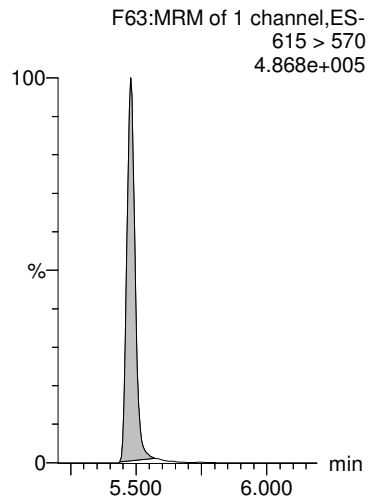


13C8-PFOS-EIS



13C2-PFDoA-EIS



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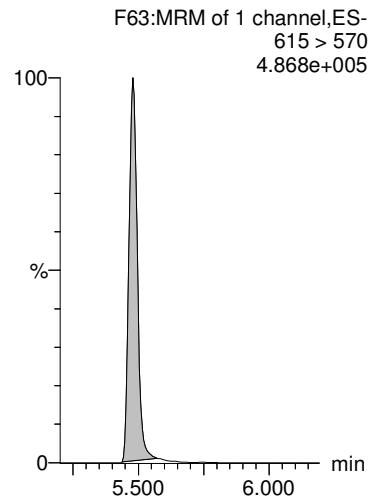

RK 6/26/2020

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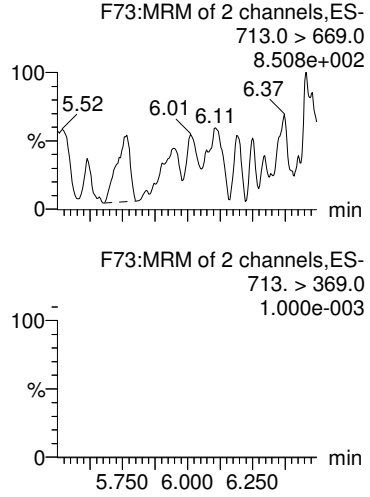
Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

PFTeDA



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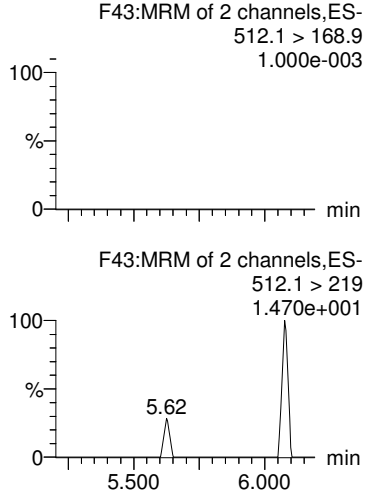

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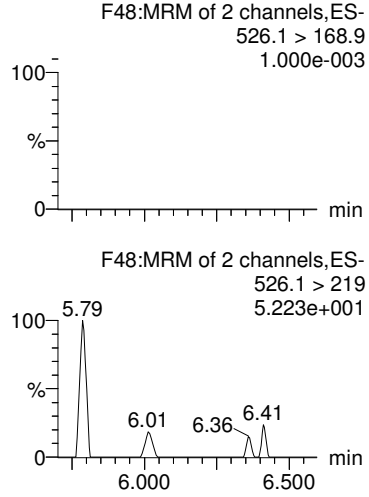
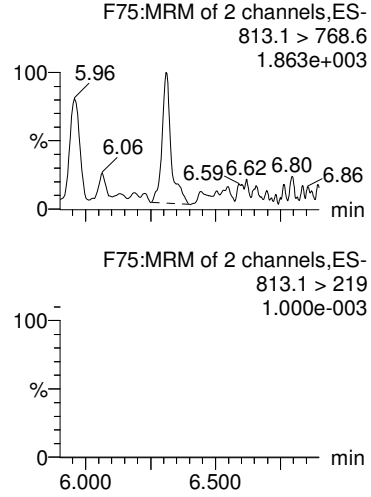
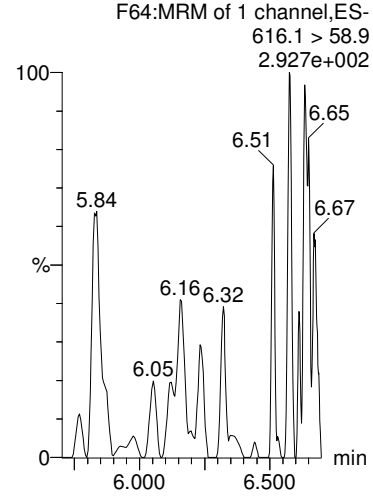


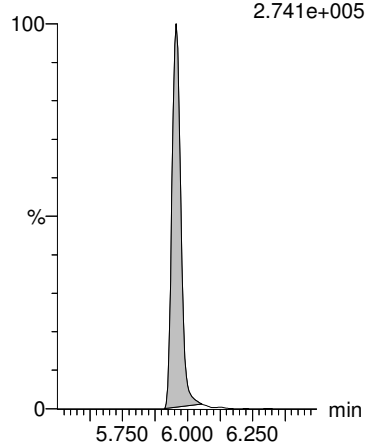
PFHxDA



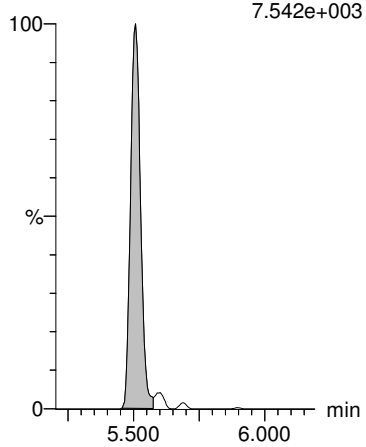
N-MeFOSE



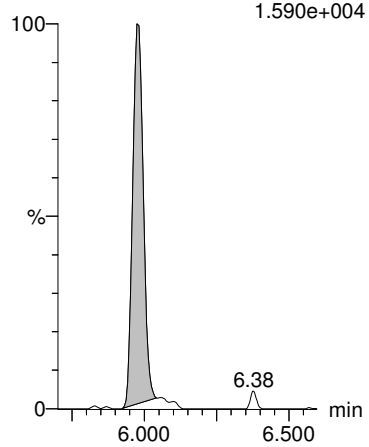
13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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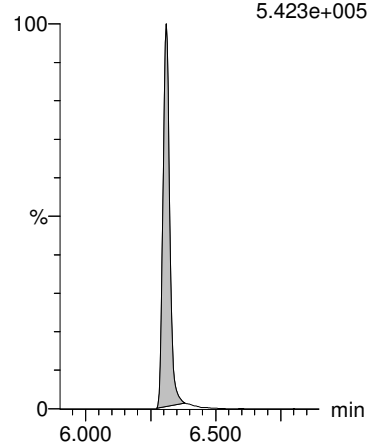
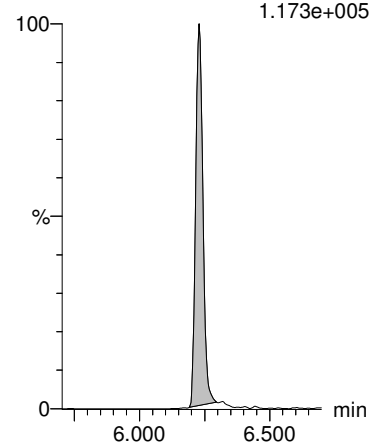


d7-N-MeFOSE-EIS



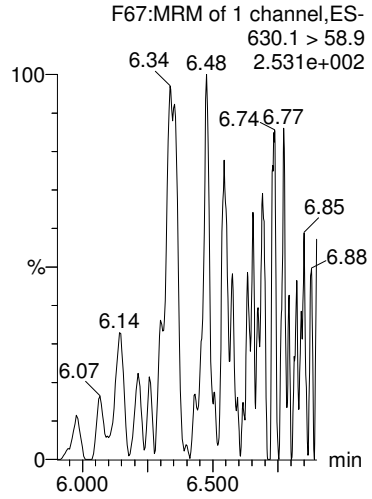
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-49.qld

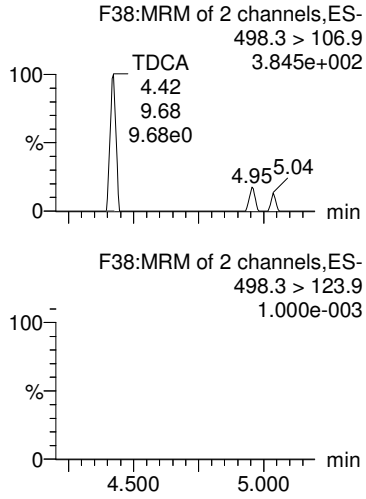
Last Altered: Friday, June 26, 2020 17:21:22 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:23:30 Pacific Daylight Time

Name: 200623M1_49, Date: 23-Jun-2020, Time: 20:39:02, ID: 2001272-01 GW-MW-8 0.10622, Description: GW-MW-8

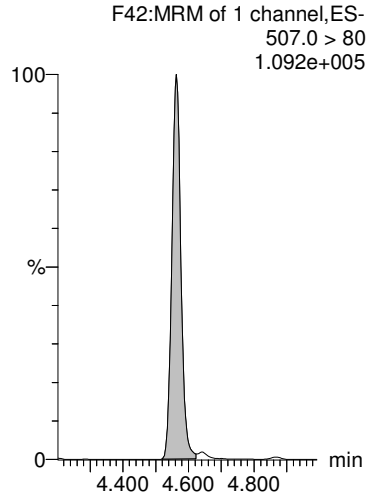
N-EtFOSE



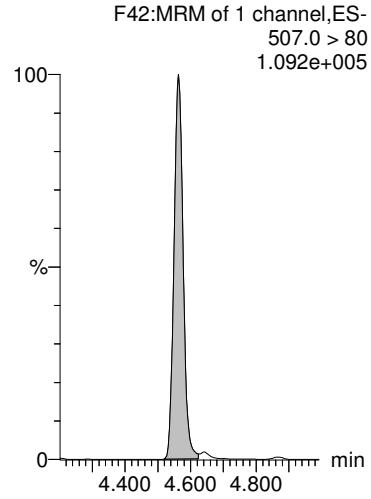
TDCA



13C8-PFOS-EIS



13C8-PFOS-EIS



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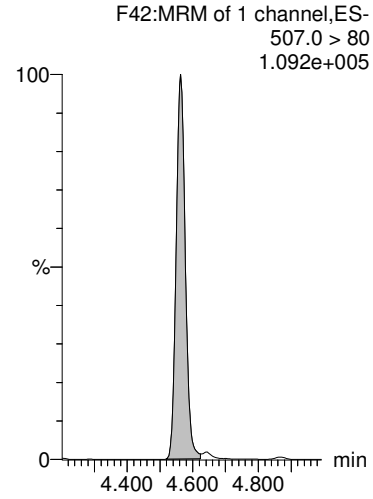

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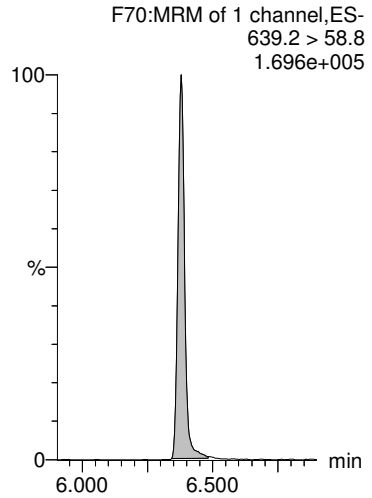
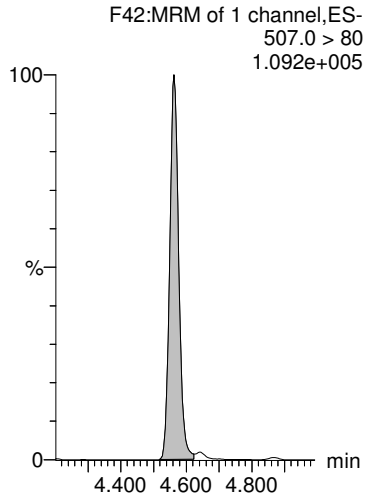


13C8-PFOS-EIS



RK 6/26/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

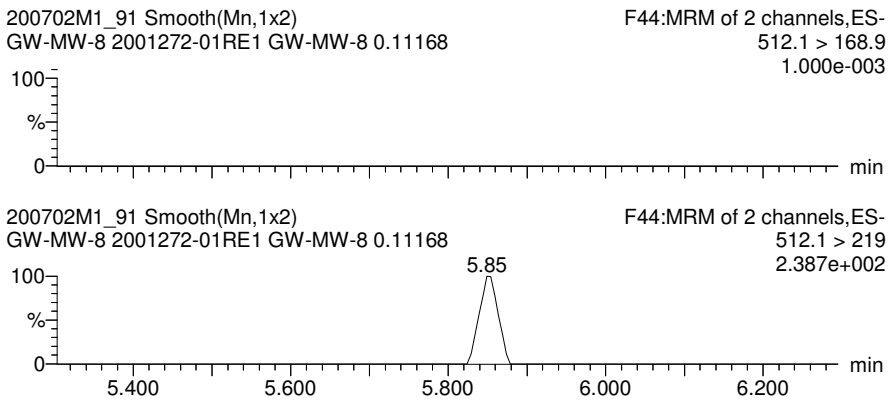
Dataset: M:\Projects\PFAS.PRO\Results\200702M1\200702M1-78-95.qld

Last Altered: Monday, July 06, 2020 19:31:35 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:41:02 Pacific Daylight Time

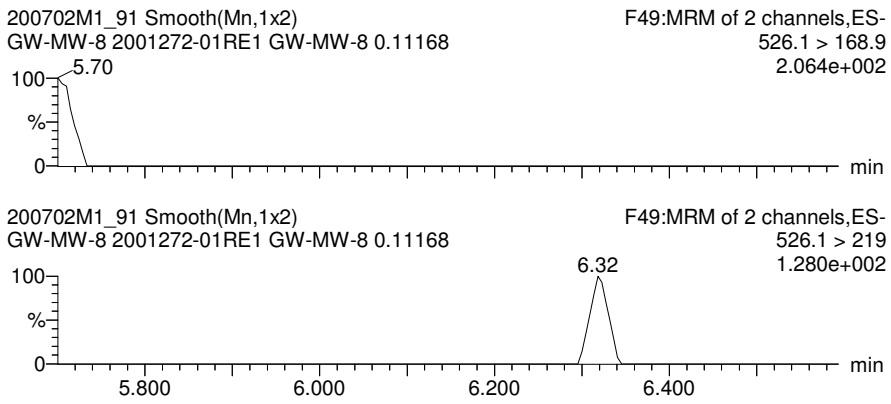
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_91, Date: 03-Jul-2020, Time: 07:01:11, ID: 2001272-01RE1 GW-MW-8 0.11168, Description: GW-MW-8

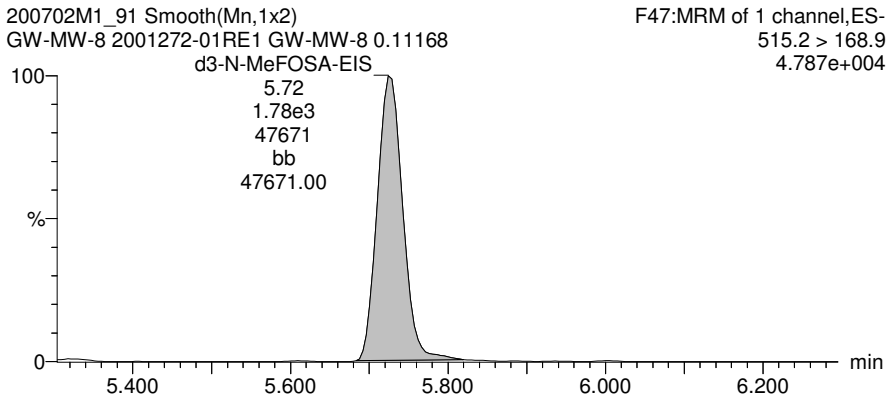
N-MeFOSA



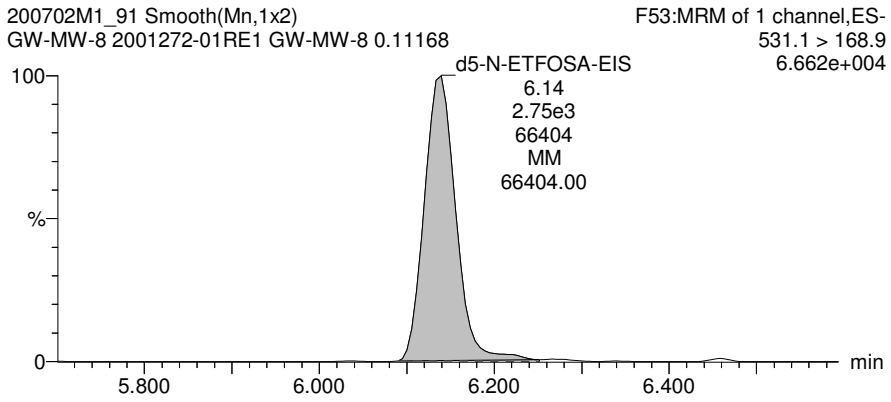
N-EtFOSA



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		1.776e3	0.112							YES
2	42	N-EtFOSA	526.1 > 168.9		2.754e3	0.112							YES
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.776e3		0.112	74.578	5.72	1775.764	213.206	16.0		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.754e3		0.112	110.195	6.14	2754.397	223.816	16.8		

GM 7/6/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4.510e3	2.367e3	0.113		1.10	1.10	23.8	139.262			
2	4	PFPeA	263.1 > 218.9	7.975e3	4.380e3	0.113		2.05	2.05	22.8	217.021			
3	5	PFBS	299.0 > 79.7	2.700e3	1.319e3	0.113		2.34	2.34	25.6	111.011		2.52	NO
4	7	PFHxA	313.0 > 269.0	2.096e4	8.355e3	0.113		2.88	2.88	31.4	244.769		16.2	NO
5	11	PFHpA	363.0 > 318.9	1.742e4	5.395e3	0.113		3.52	3.52	40.4	290.091		9.39	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.367e3		0.113	211.507	0.84	1.10	2370	99.161	89.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.380e3		0.113	430.335	2.06	2.05	4380	90.192	81.4		
8	51	13C3-PFBS-EIS	302.0 > 99	1.319e3		0.113	119.139	2.49	2.34	1320	98.105	88.6		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.355e3		0.113	810.703	3.06	2.88	8360	91.327	82.5		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.395e3		0.113	538.644	3.59	3.52	5390	88.750	80.1		
11	-1													
12	13	L-PFHxS	399 > 80.0	5.310e3	3.209e3	0.113		3.67	3.67	20.7	196.040		1.58	NO
13	1...	Total PFHxS	399 > 80	5.310e3	3.209e3	0.113		3.83		20.7	196.040			
14	15	6:2 FTS	427 > 407.0	3.754e3	1.925e3	0.113		3.97	3.97	24.4	74.302		2.03	NO
15	19	PFHpS	448.9 > 80.0	2.856e3	3.671e3	0.113		4.18	4.14	9.73	92.623		2.00	NO
16	21	PFNA	463.0 > 418.8	1.179e4	1.030e4	0.113		4.47	4.48	14.3	101.005		3.65	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.209e3		0.113	297.710	3.80	3.67	3210	95.517	86.2		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.209e3		0.113	297.710	3.80	3.67	3210	95.517	86.2		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.925e3		0.113	189.343	4.04	3.97	1920	90.087	81.3		
20	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.030e4		0.113	1024.035	4.68	4.47	10300	89.092	80.4		
22	-1													
23	16	L-PFOA	412.8 > 368.9	7.846e4	1.145e4	0.113		4.03	4.03	85.7	520.404		3.49	NO
24	1...	Total PFOA	412.8 > 368.9	7.846e4	1.145e4	0.113		4.20		85.7	520.404			
25	23	L-PFOS	499 > 80	1.084e4	3.671e3	0.113		4.56	4.56	36.9	322.440		2.01	NO
26	1...	Total PFOS	499 > 80	1.084e4	3.671e3	0.113		4.73		36.9	322.440			
27	22	PFOSA	498.0 > 78.0	3.101e3	2.922e3	0.113		4.52	4.52	13.3	123.605		31.5	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.145e4		0.113	1051.559	4.10	4.03	11400	96.478	87.1		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.145e4		0.113	1051.559	4.10	4.03	11400	96.478	87.1		
30	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		
31	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		
32	67	13C8-PFOSA-EIS	506. > 78	2.922e3		0.113	327.488	4.58	4.52	2920	79.068	71.4		
33	-1													
34	26	PFDA	513 > 468.8	1.356e4	1.088e4	0.113		4.86	4.86	15.6	89.166		5.75	NO
35	27	8:2 FTS	526.9 > 507.0	3.596e3	1.959e3	0.113		4.83	4.83	22.9	88.595		1.38	NO
36	29	L-MeFOSAA	570 > 419	5.849e3	8.036e3	0.113		5.01	5.01	9.10	82.741		2.70	NO

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	5.849e3	8.036e3	0.113		5.17		9.10	82.741			
38	33	PFUdA	563.0 > 518.9	1.281e4	1.643e4	0.113		5.19	5.19	9.75	97.462		8.36	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.088e4		0.113	1015.350	4.90	4.86	10900	94.925	85.7		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.959e3		0.113	213.425	4.88	4.83	1960	81.341	73.4		
41	77	d3-N-MeFOSAA-EIS	573. > 419	8.036e3		0.113	959.325	5.25	5.01	8040	74.233	67.0		
42	77	d3-N-MeFOSAA-EIS	573. > 419	8.036e3		0.113	959.325	5.25	5.01	8040	74.233	67.0		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.643e4		0.113	1526.144	5.23	5.19	16400	95.398	86.1		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	5.702e3	7.077e3	0.113		5.17	5.17	10.1	88.028		1.41	NO
46	1...	Total N-EtFOSAA	583.9 > 419	5.702e3	7.077e3	0.113		5.33		10.1	88.028			
47	34	PFDS	599.0 > 80.0	2.169e3	3.671e3	0.113		5.22	5.24	7.39	71.911		1.24	NO
48	37	PFDoA	612.9 > 569.0	1.482e4	1.829e4	0.113		5.48	5.48	10.1	91.425		8.54	NO
49	39	PFTrDA	662.9 > 618.9	1.308e4	1.829e4	0.113		5.73	5.74	8.94	86.746		8.20	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	7.077e3		0.113	833.625	5.21	5.17	7080	75.231	67.9		
51	81	d5-N-EtFOSAA-EIS	589. > 419	7.077e3		0.113	833.625	5.21	5.17	7080	75.231	67.9		
52	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		
53	83	13C2-PFDoA-EIS	615 > 570	1.829e4		0.113	1936.260	5.51	5.48	18300	83.694	75.6		
54	83	13C2-PFDoA-EIS	615 > 570	1.829e4		0.113	1936.260	5.51	5.48	18300	83.694	75.6		
55	-1													
56	41	PFTeDA	713.0 > 669.0	1.325e4	1.083e4	0.113		5.96	5.96	15.3	86.032		13.0	NO
57	38	N-MeFOSA	512.1 > 168.9	1.087e3	2.914e3	0.113		5.50	5.48	55.7	482.878		1.59	NO
58	42	N-EtFOSA	526.1 > 168.9	1.399e3	4.512e3	0.113		5.96	5.96	46.3	465.279		1.55	NO
59	43	PFHxDA	813.1 > 768.6	5.670e3	1.145e4	0.113		6.31	6.31	6.19	90.772		21.6	NO
60	45	N-MeFOSE	616.1 > 58.9	2.054e3	6.238e3	0.113		6.23	6.24	49.1	436.228			
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.083e4		0.113	1229.760	5.98	5.96	10800	78.057	70.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.914e3		0.113	89.439	5.60	5.51	2910	288.691	21.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.512e3		0.113	145.327	6.03	5.98	4510	275.089	20.8		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.145e4		0.113	1833.619	6.55	6.31	11400	55.319	49.9		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.238e3		0.113	57.460	6.23	6.23	6240	961.978	72.8		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	2.570e3	7.410e3	0.113		6.38	6.39	51.8	436.951			
68	1...	TDCA	498.3>106.9			0.113		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		
70	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		
71	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.410e3		0.113	67.369	6.38	6.38	7410	974.659	73.7		

RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.671e3		0.113	323.537	4.88	4.56	3670	100.541	90.8		

RK 6/26/2020

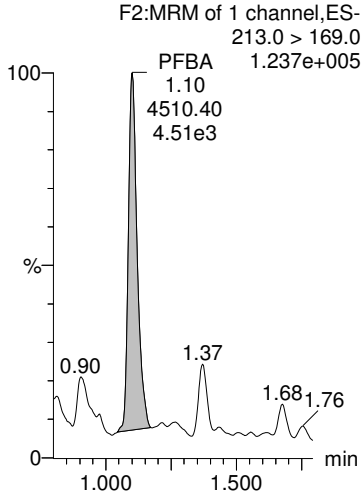
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

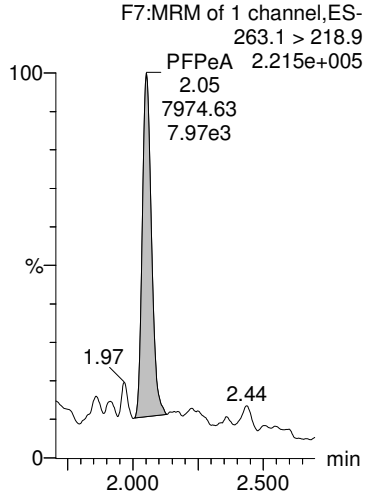
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 16:18:23
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

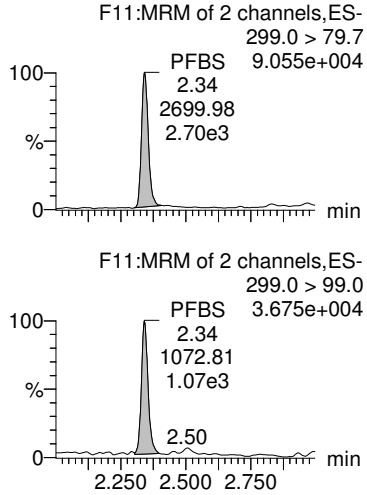
PFBA



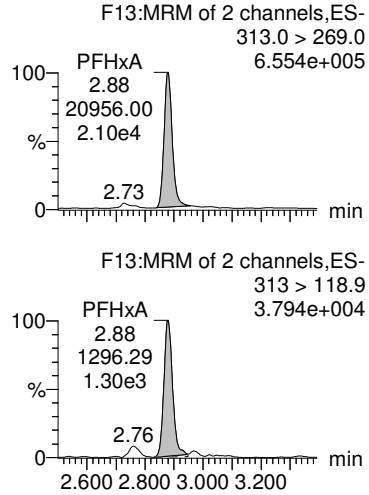
PFPeA



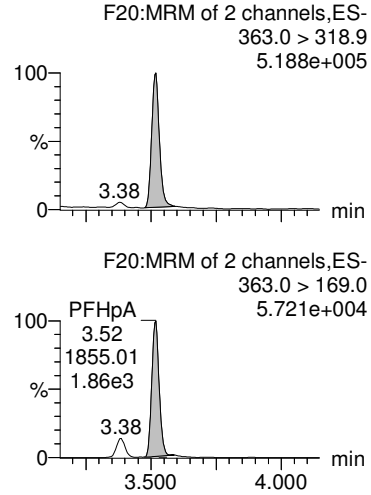
PFBS



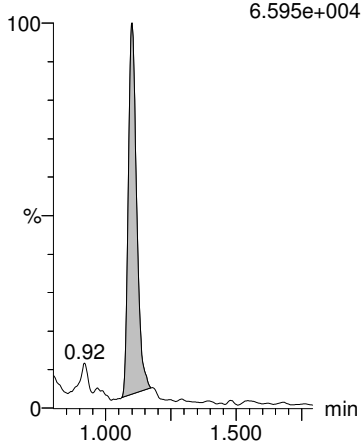
PFHxA



PFHpA



13C3-PFBA-EIS



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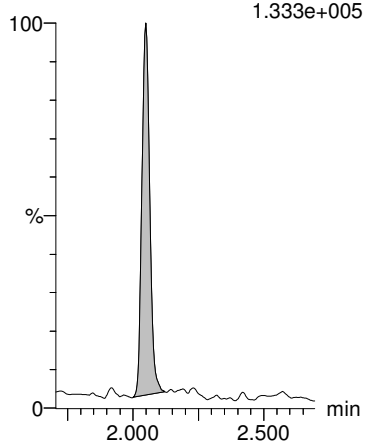
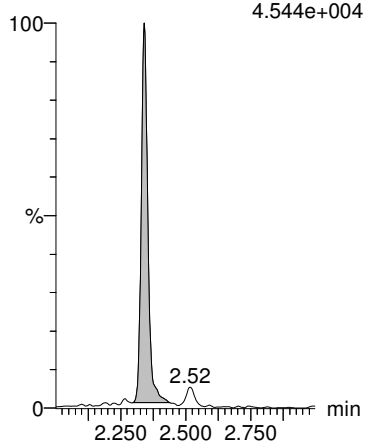
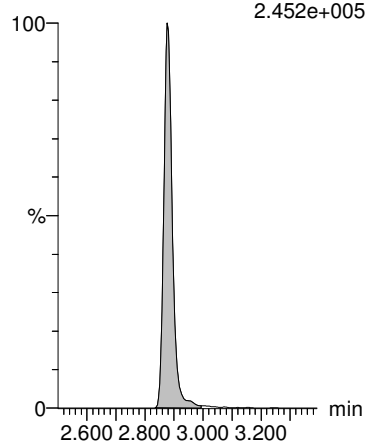


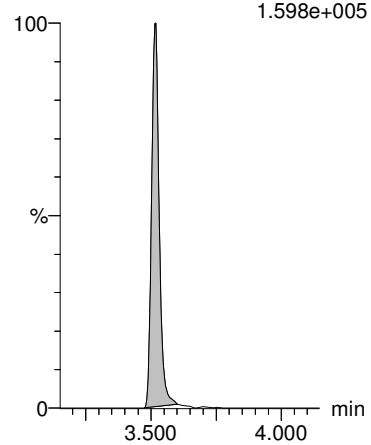
13C3-PFBS-EIS



13C2-PFHxA-EIS



13C4-PFHpA-EIS



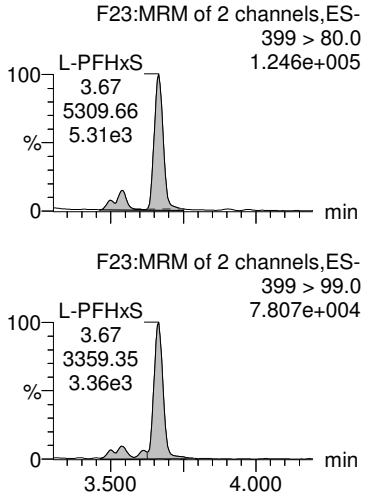
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

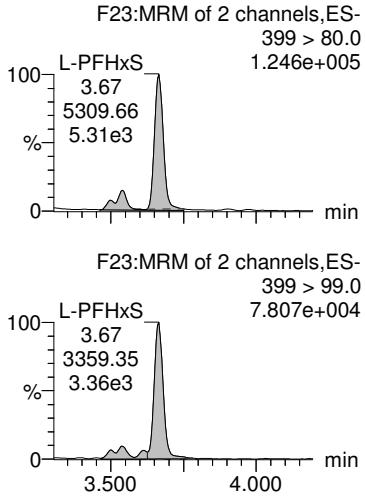
Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

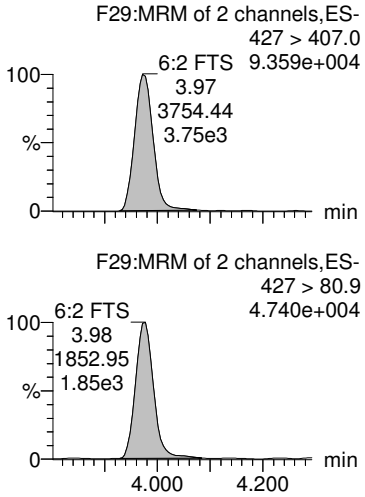
L-PFHxS



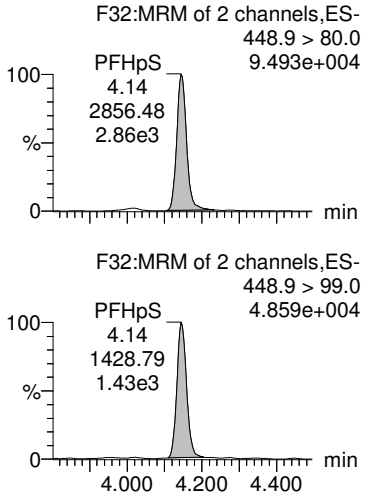
Total PFHxS



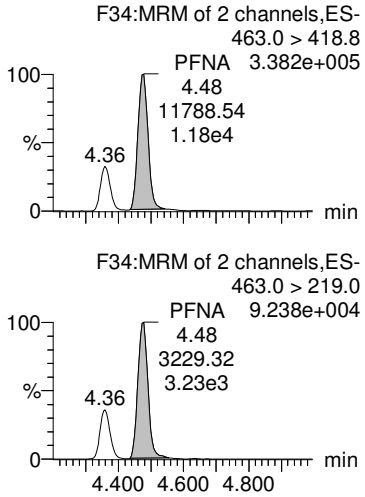
6:2 FTS



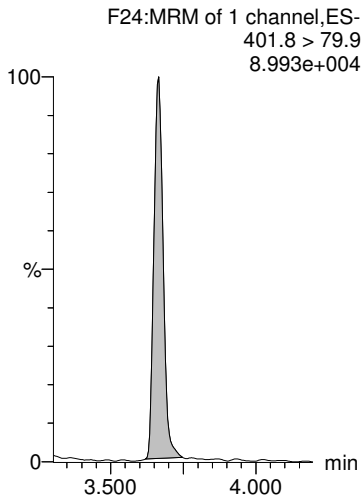
PFHpS



PFNA



13C3-PFHxS-EIS



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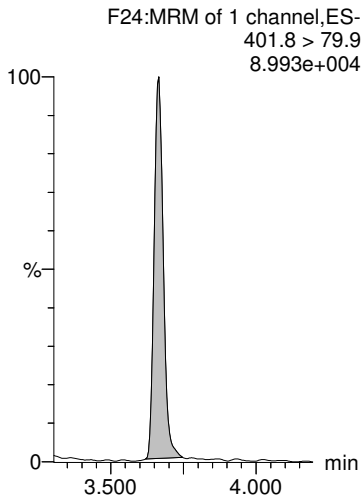
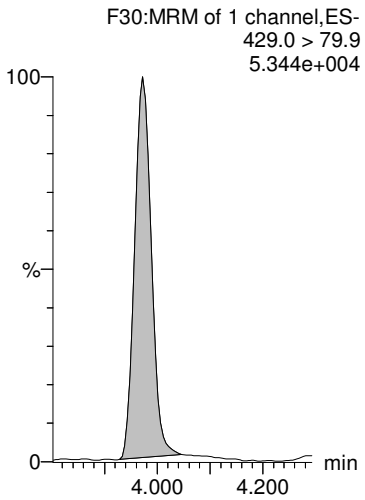
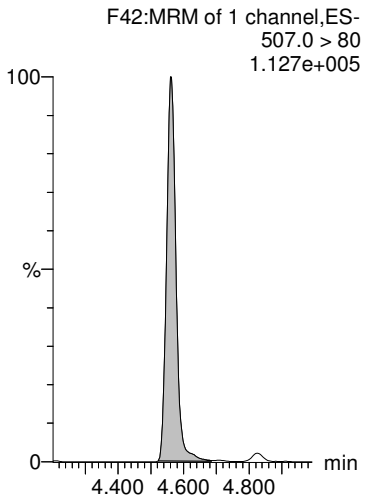


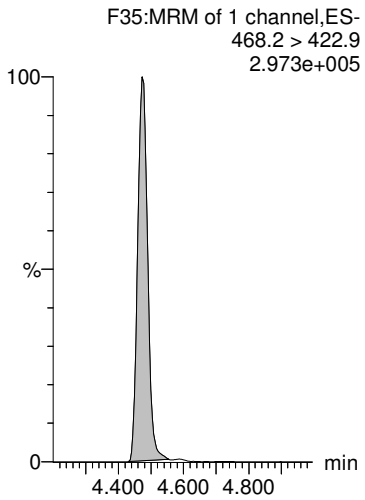
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



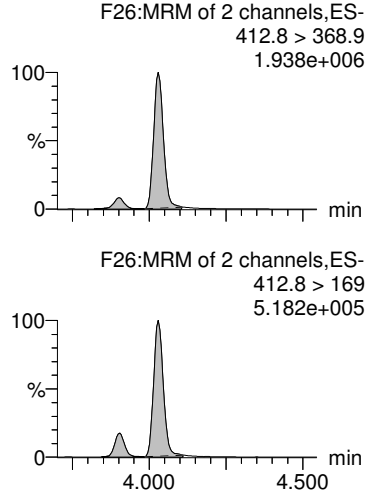
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

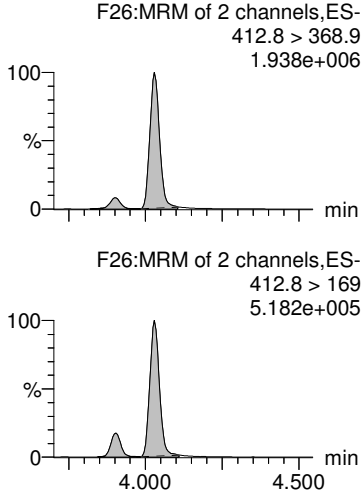
Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

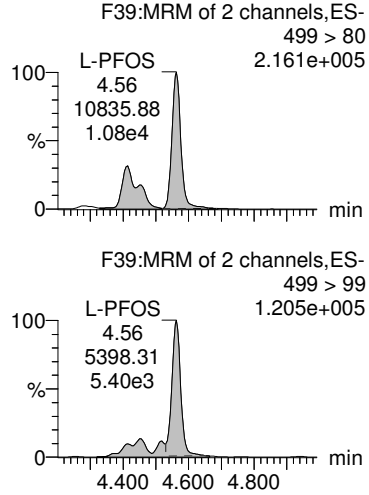
L-PFOA



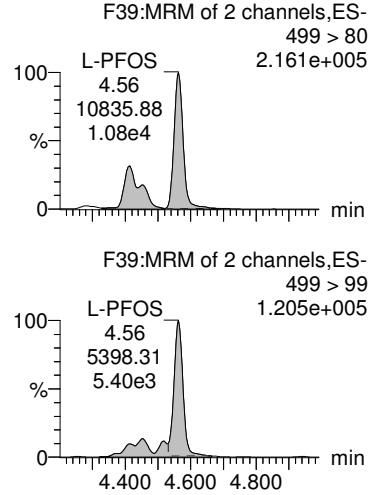
Total PFOA



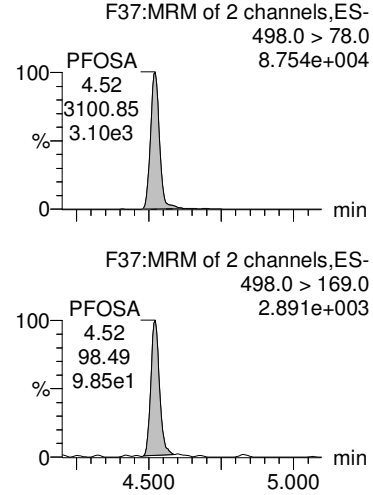
L-PFOS



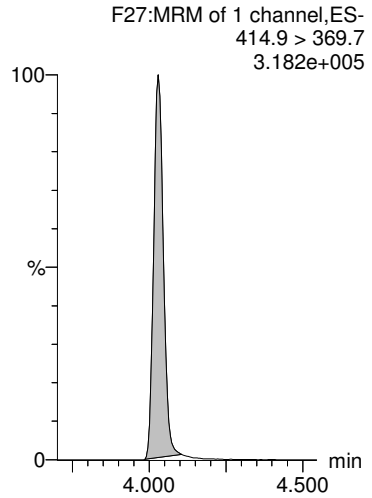
Total PFOS



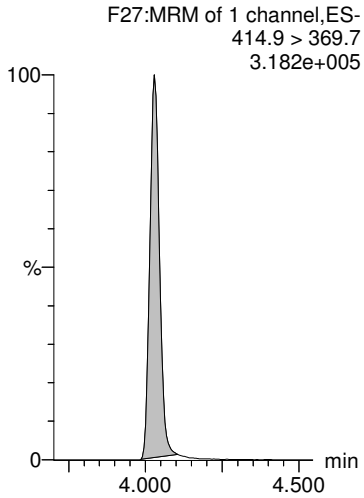
PFOSA



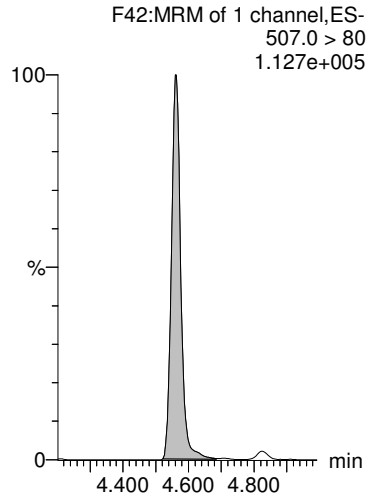
13C2-PFOA-EIS



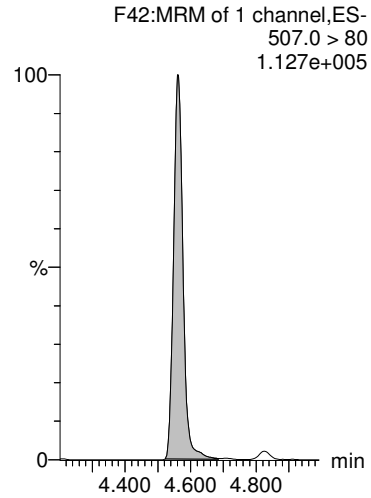
13C2-PFOA-EIS



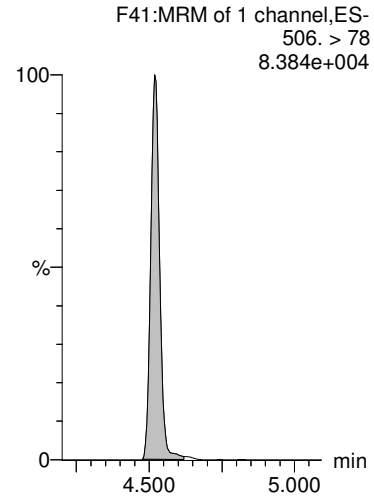
13C8-PFOS-EIS



13C8-PFOS-EIS



13C8-PFOSA-EIS

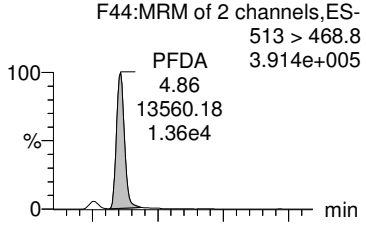


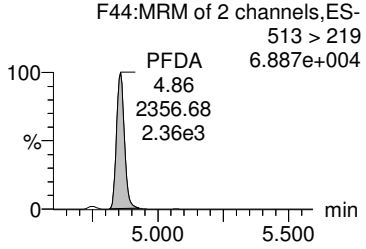
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

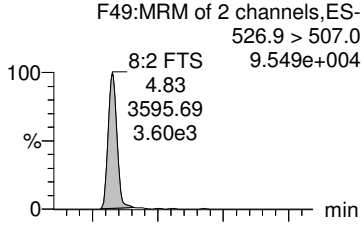
Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

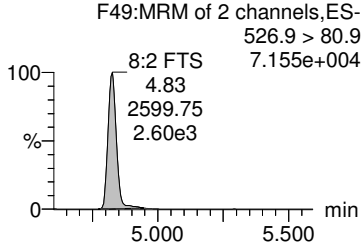
PFDA



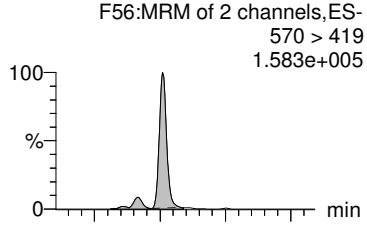


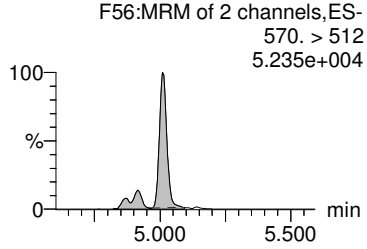
8:2 FTS



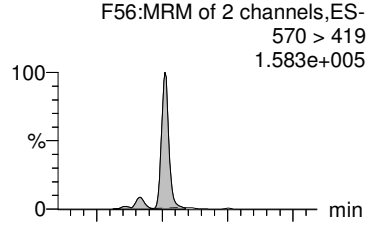


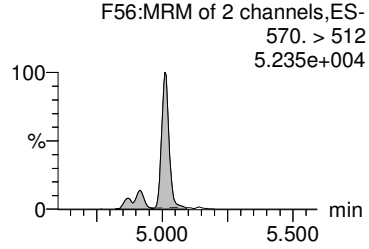
L-MeFOSAA



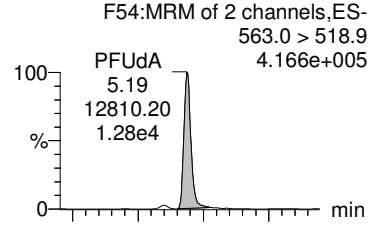


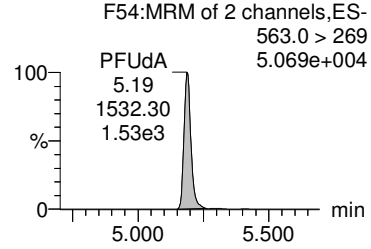
Total N-MeFOSAA



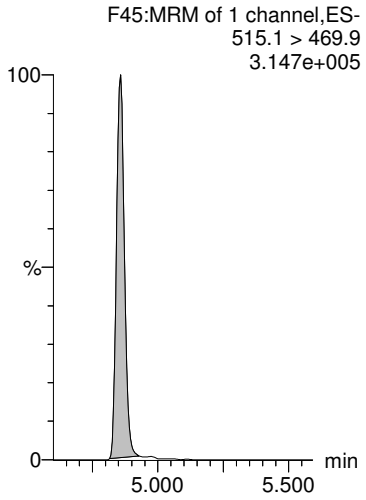


PFUdA

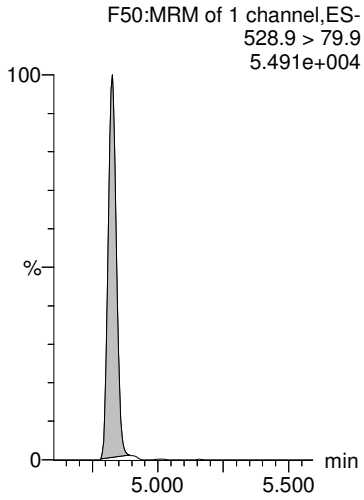




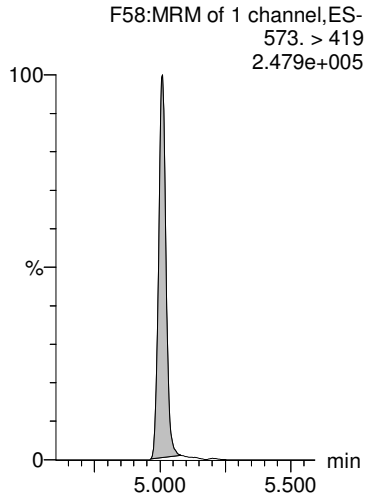
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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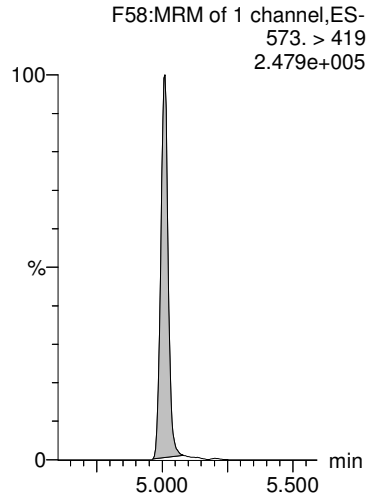

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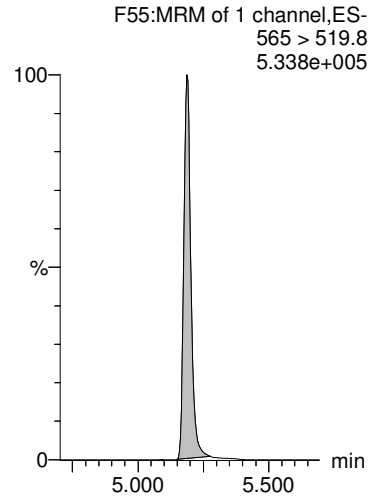
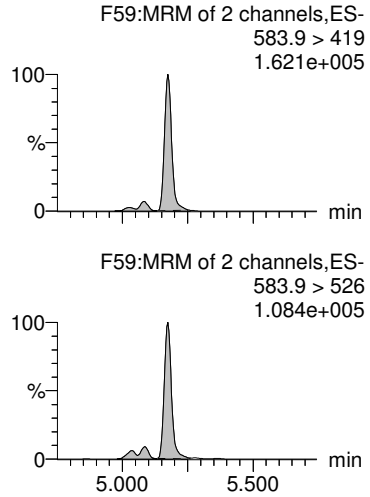


Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

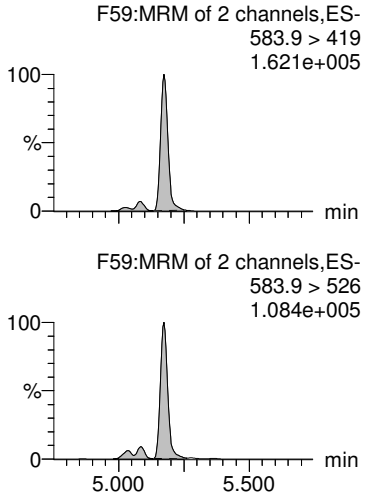
Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

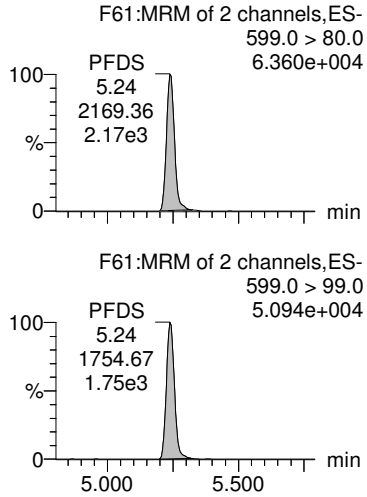
L-EtFOSAA



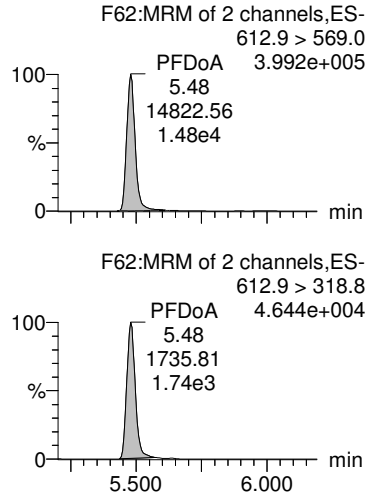
Total N-EtFOSAA



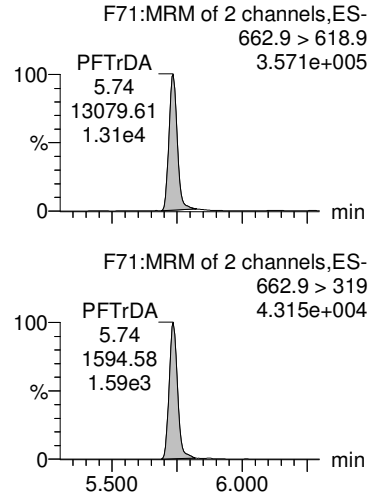
PFDS



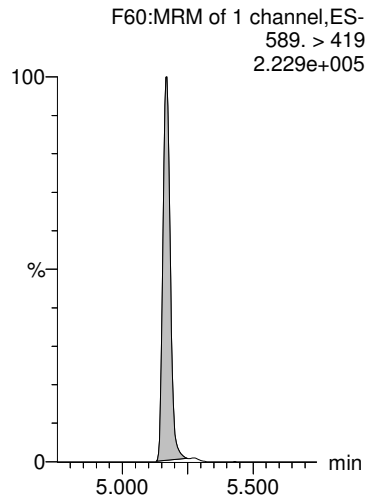
PFDoA



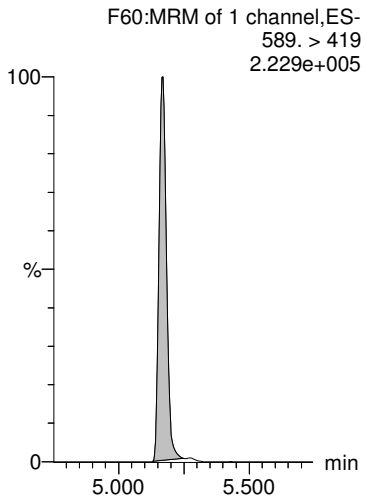
PFTrDA



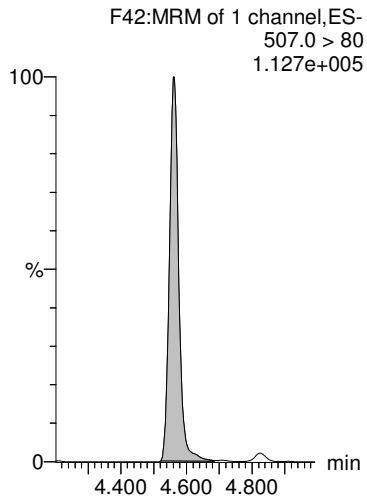
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



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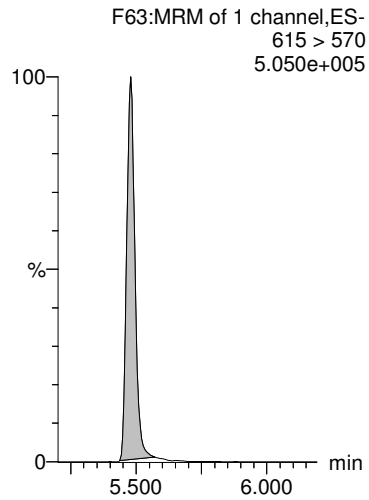

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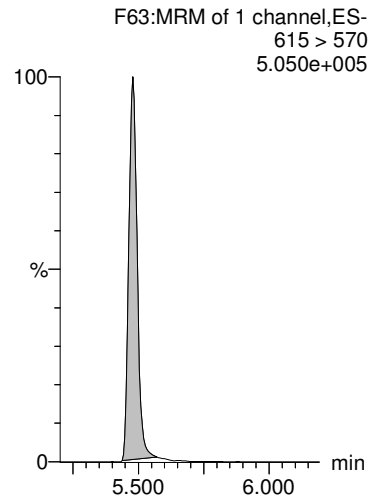


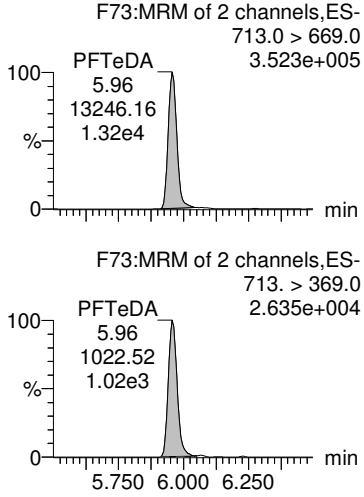
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

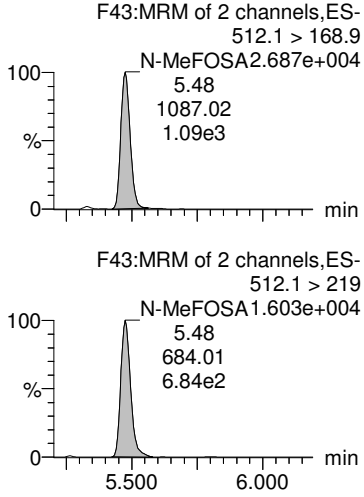
Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

PFTeDA



N-MeFOSA



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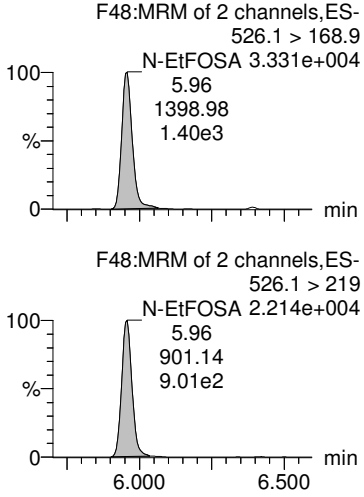
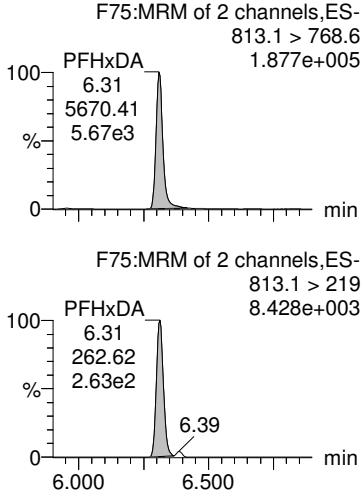


PFHxDA



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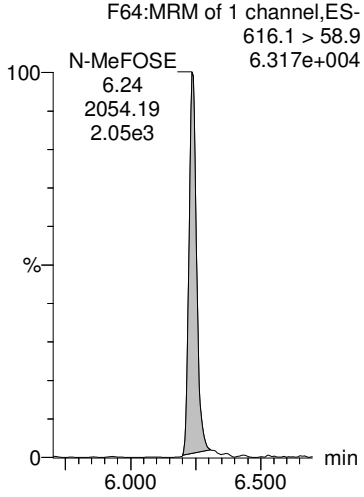
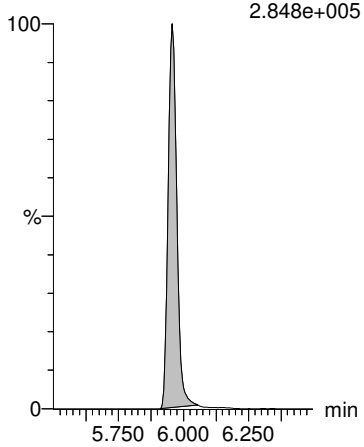
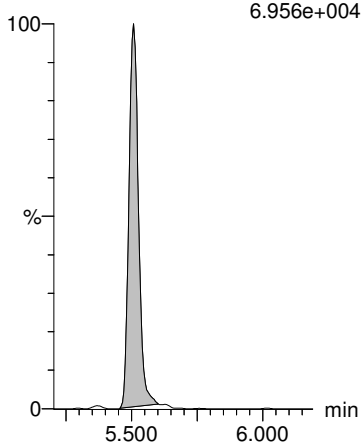


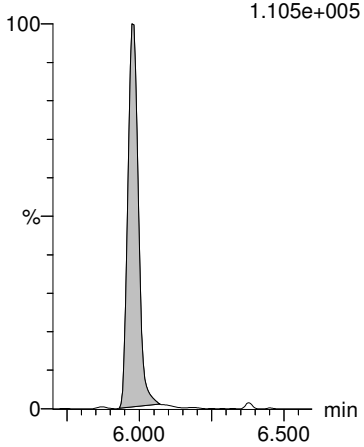
13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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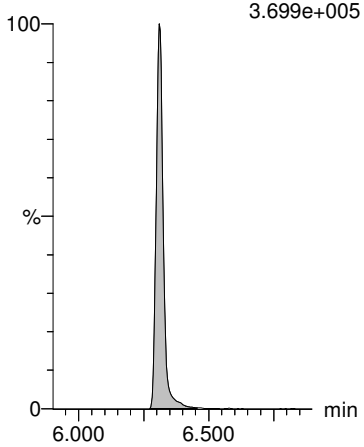

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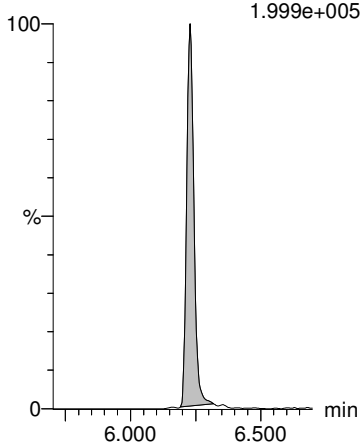
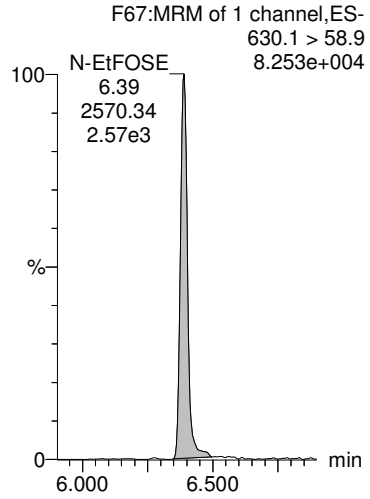


Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-45.qld

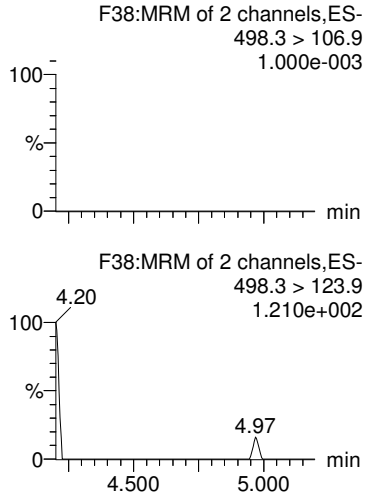
Last Altered: Friday, June 26, 2020 16:27:02 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:31:55 Pacific Daylight Time

Name: 200623M1_45, Date: 23-Jun-2020, Time: 19:57:33, ID: B0F0146-MS1 Matrix Spike 0.11285, Description: Matrix Spike

N-EtFOSE



TDCA



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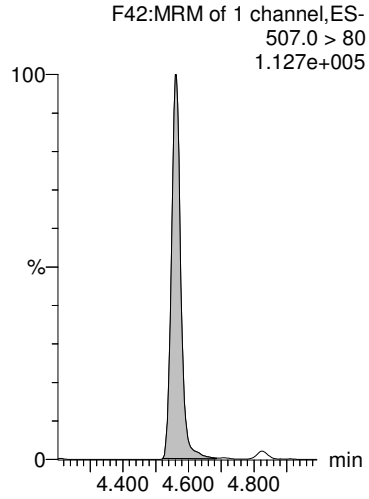
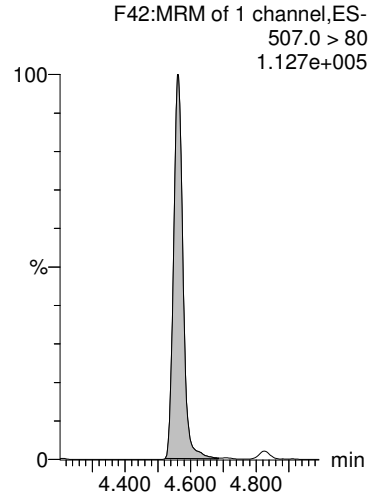
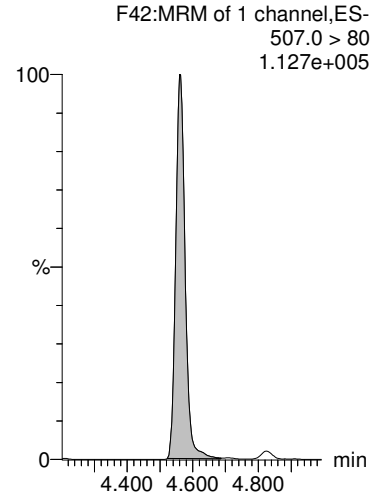


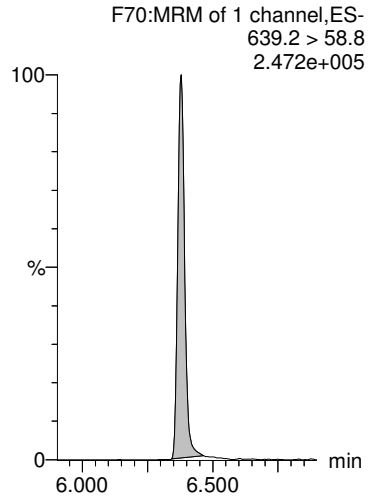
13C8-PFOS-EIS



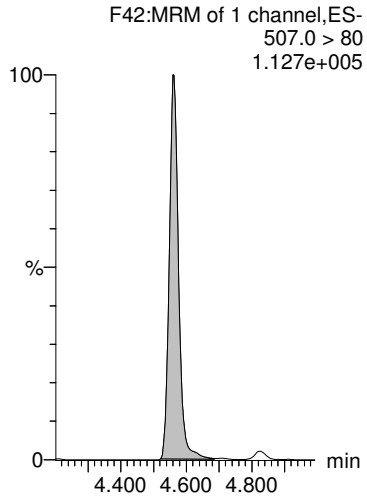
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



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Vista Analytical Laboratory L26

MM 6/29/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4.394e3	2.578e3	0.110		1.10	1.10	21.3	127.298			
2	4	PFPeA	263.1 > 218.9	7.052e3	4.471e3	0.110		2.05	2.05	19.7	192.163			
3	5	PFBS	299.0 > 79.7	2.598e3	1.213e3	0.110		2.34	2.34	26.8	118.637		2.57	NO
4	7	PFHxA	313.0 > 269.0	2.076e4	8.308e3	0.110		2.88	2.88	31.2	249.188		15.9	NO
5	11	PFHpA	363.0 > 318.9	1.759e4	5.495e3	0.110		3.52	3.52	40.0	293.905		9.78	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.578e3		0.110	211.507	0.84	1.10	2580	110.390	97.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.471e3		0.110	430.335	2.06	2.05	4470	94.087	83.1		
8	51	13C3-PFBS-EIS	302.0 > 99	1.213e3		0.110	119.139	2.49	2.34	1210	92.229	81.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.308e3		0.110	810.703	3.06	2.88	8310	92.797	82.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.495e3		0.110	538.644	3.59	3.52	5490	92.373	81.6		
11	-1													
12	13	L-PFHxS	399 > 80.0	5.195e3	3.214e3	0.110		3.67	3.67	20.2	195.771		1.60	NO
13	1...	Total PFHxS	399 > 80	5.195e3	3.214e3	0.110		3.83		20.2	195.771			
14	15	6:2 FTS	427 > 407.0	4.097e3	1.859e3	0.110		3.97	3.97	27.6	85.833		2.04	NO
15	19	PFHpS	448.9 > 80.0	2.790e3	3.545e3	0.110		4.18	4.15	9.84	95.743		2.10	NO
16	21	PFNA	463.0 > 418.8	1.130e4	1.010e4	0.110		4.48	4.48	14.0	100.867		3.91	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.214e3		0.110	297.710	3.80	3.67	3210	97.760	86.4		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.214e3		0.110	297.710	3.80	3.67	3210	97.760	86.4		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.859e3		0.110	189.343	4.04	3.97	1860	88.902	78.5		
20	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.010e4		0.110	1024.035	4.68	4.48	10100	89.312	78.9		
22	-1													
23	16	L-PFOA	412.8 > 368.9	7.587e4	1.094e4	0.110		4.03	4.03	86.7	538.391		3.57	NO
24	1...	Total PFOA	412.8 > 368.9	7.587e4	1.094e4	0.110		4.20		86.7	538.391			
25	23	L-PFOS	499 > 80	9.710e3	3.545e3	0.110		4.56	4.56	34.2	305.842		1.95	NO
26	1...	Total PFOS	499 > 80	9.710e3	3.545e3	0.110		4.73		34.2	305.842			
27	22	PFOSA	498.0 > 78.0	2.430e3	2.363e3	0.110		4.52	4.52	12.9	122.387		27.2	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.094e4		0.110	1051.559	4.10	4.03	10900	94.168	83.2		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.094e4		0.110	1051.559	4.10	4.03	10900	94.168	83.2		
30	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		
31	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		
32	67	13C8-PFOSA-EIS	506. > 78	2.363e3		0.110	327.488	4.58	4.52	2360	65.348	57.7		
33	-1													
34	26	PFDA	513 > 468.8	1.251e4	1.117e4	0.110		4.86	4.86	14.0	81.918		5.16	NO
35	27	8:2 FTS	526.9 > 507.0	3.702e3	2.231e3	0.110		4.83	4.83	20.7	81.827		1.56	NO
36	29	L-MeFOSAA	570 > 419	5.795e3	8.009e3	0.110		5.01	5.01	9.04	84.059		2.85	NO

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Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	5.795e3	8.009e3	0.110		5.17		9.04	84.059			
38	33	PFUdA	563.0 > 518.9	1.171e4	1.651e4	0.110		5.19	5.19	8.86	90.508		8.32	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.117e4		0.110	1015.350	4.90	4.86	11200	99.593	88.0		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	2.231e3		0.110	213.425	4.88	4.83	2230	94.641	83.6		
41	77	d3-N-MeFOSAA-EIS	573. > 419	8.009e3		0.110	959.325	5.25	5.01	8010	75.604	66.8		
42	77	d3-N-MeFOSAA-EIS	573. > 419	8.009e3		0.110	959.325	5.25	5.01	8010	75.604	66.8		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.651e4		0.110	1526.144	5.23	5.19	16500	97.974	86.6		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	5.366e3	6.886e3	0.110		5.17	5.17	9.74	87.039		1.36	NO
46	1...	Total N-EtFOSAA	583.9 > 419	5.366e3	6.886e3	0.110		5.33		9.74	87.039			
47	34	PFDS	599.0 > 80.0	2.284e3	3.545e3	0.110		5.22	5.24	8.05	80.082		1.50	NO
48	37	PFDoA	612.9 > 569.0	1.376e4	1.842e4	0.110		5.48	5.48	9.34	86.073		8.37	NO
49	39	PFTrDA	662.9 > 618.9	1.271e4	1.842e4	0.110		5.73	5.73	8.62	85.513		8.77	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.886e3		0.110	833.625	5.21	5.17	6890	74.801	66.1		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.886e3		0.110	833.625	5.21	5.17	6890	74.801	66.1		
52	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		
53	83	13C2-PFDoA-EIS	615 > 570	1.842e4		0.110	1936.260	5.51	5.48	18400	86.155	76.1		
54	83	13C2-PFDoA-EIS	615 > 570	1.842e4		0.110	1936.260	5.51	5.48	18400	86.155	76.1		
55	-1													
56	41	PFTeDA	713.0 > 669.0	1.339e4	1.068e4	0.110		5.96	5.96	15.7	90.140		13.6	NO
57	38	N-MeFOSA	512.1 > 168.9	3.183e2	8.579e2	0.110		5.50	5.48	55.4	490.721		1.37	NO
58	42	N-EtFOSA	526.1 > 168.9	4.063e2	1.283e3	0.110		5.96	5.96	47.2	485.574		1.89	NO
59	43	PFHxDA	813.1 > 768.6	6.829e3	1.408e4	0.110		6.31	6.31	6.06	90.767		21.8	NO
60	45	N-MeFOSE	616.1 > 58.9	1.405e3	4.526e3	0.110		6.23	6.24	46.3	420.132			
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.068e4		0.110	1229.760	5.98	5.96	10700	78.673	69.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	8.579e2		0.110	89.439	5.60	5.51	858	86.861	6.4		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.283e3		0.110	145.327	6.03	5.98	1280	79.946	5.9		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.408e4		0.110	1833.619	6.55	6.31	14100	69.557	61.4		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.526e3		0.110	57.460	6.23	6.23	4530	713.350	52.8		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	1.931e3	5.300e3	0.110		6.38	6.39	54.4	468.981			
68	1...	TDCA	498.3>106.9			0.110		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		
70	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		
71	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.300e3		0.110	67.369	6.38	6.38	5300	712.433	52.7		

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Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

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Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.545e3		0.110	323.537	4.88	4.56	3550	99.231	87.7		

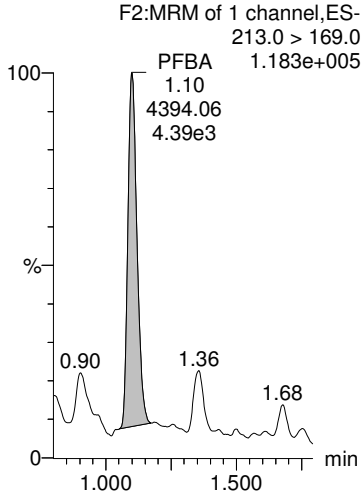
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

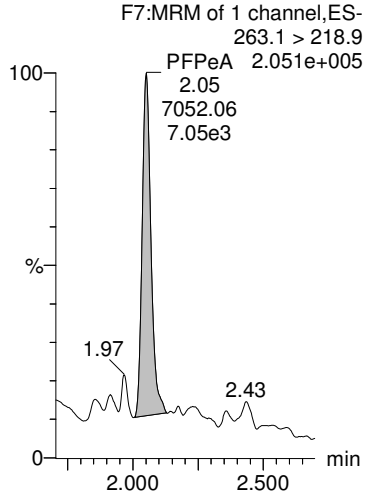
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 16:44:58
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

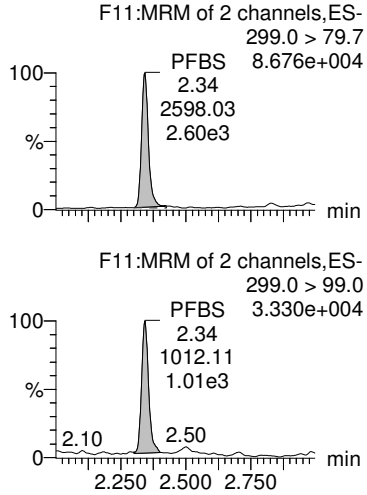
PFBA



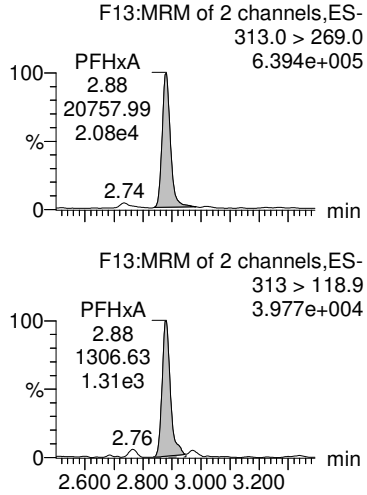
PFPeA



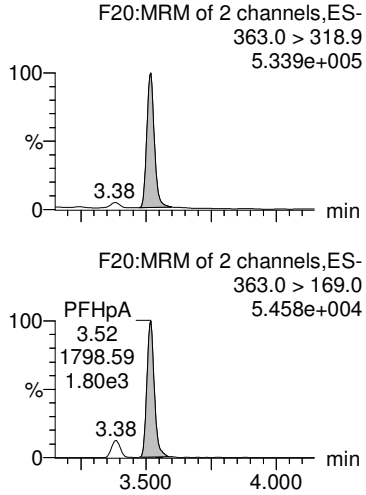
PFBS



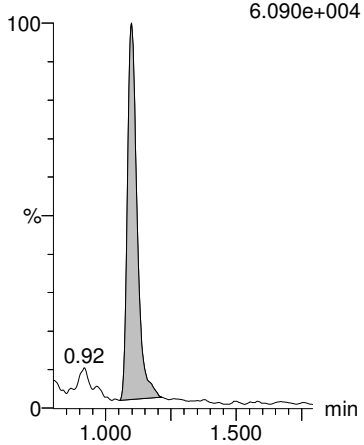
PFHxA



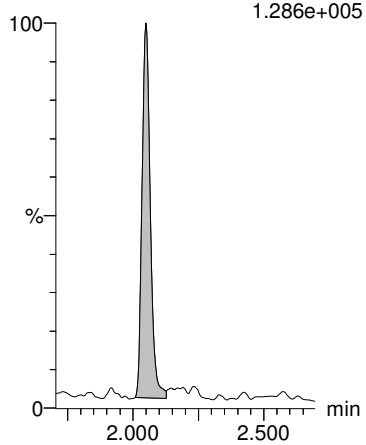
PFHpA



13C3-PFBA-EIS



13C3-PFPeA-EIS



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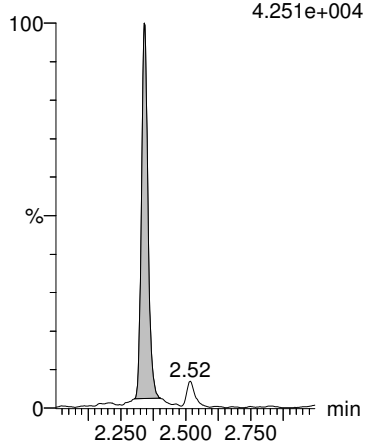
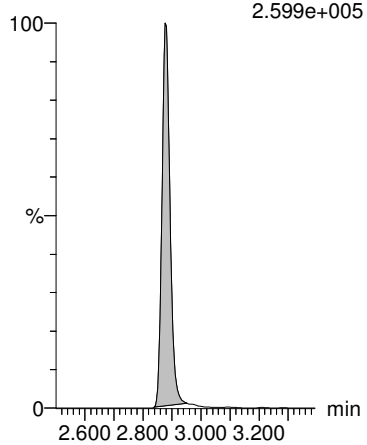
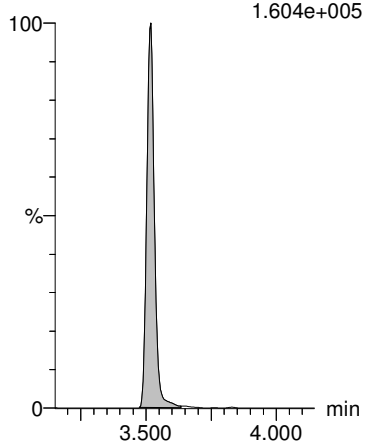


13C2-PFHxA-EIS



13C4-PFHpA-EIS



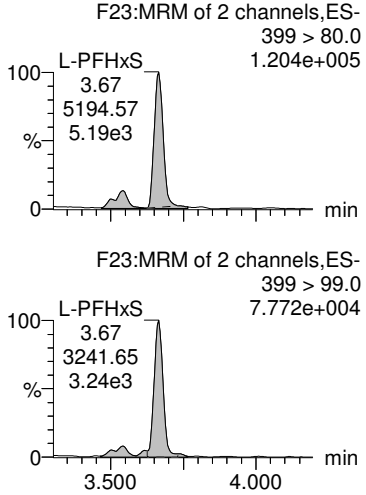
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

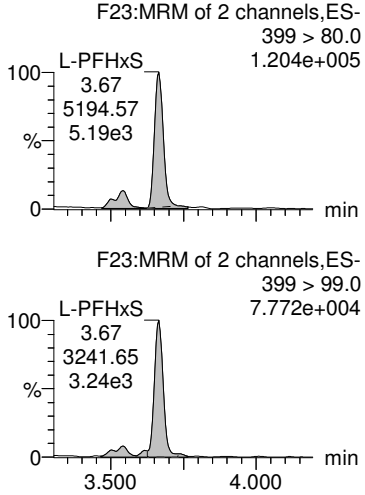
Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

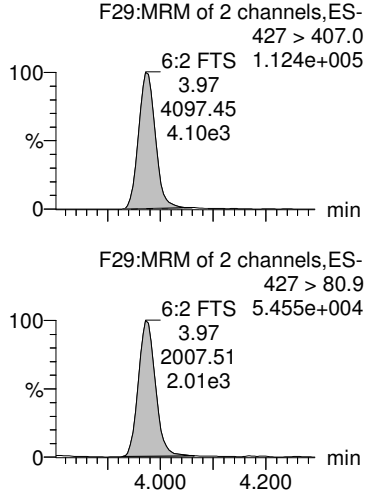
L-PFHxS



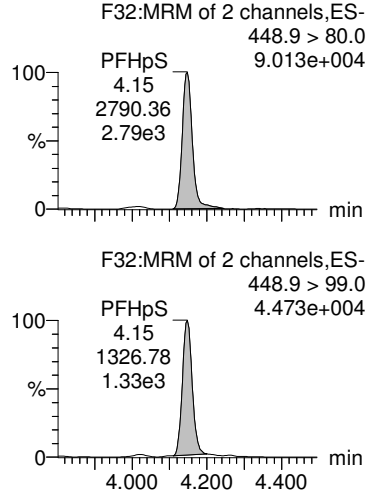
Total PFHxS



6:2 FTS



PFHpS



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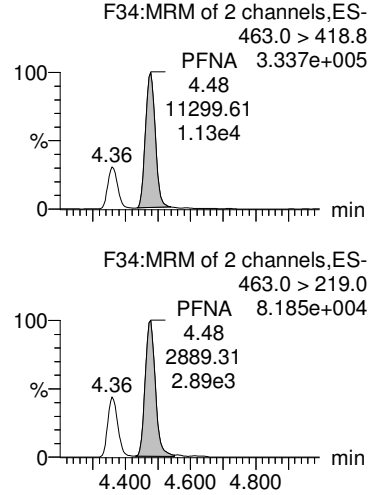
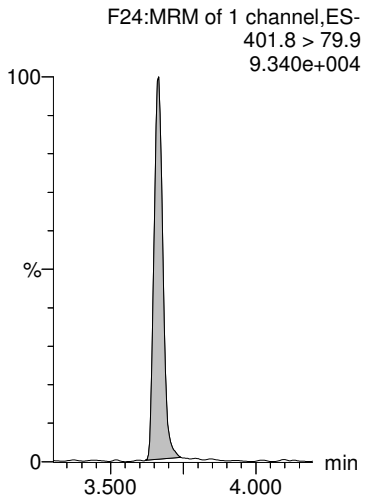
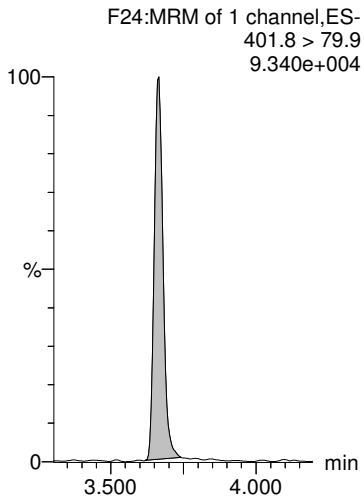


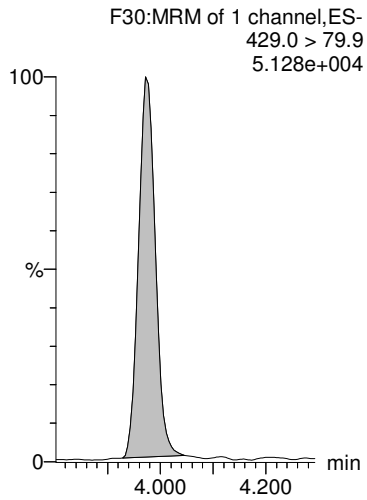
13C3-PFHxS-EIS



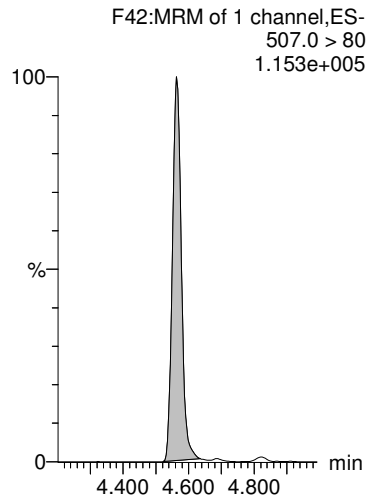
13C3-PFHxS-EIS



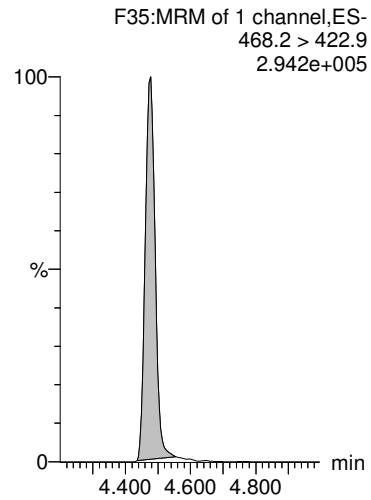
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



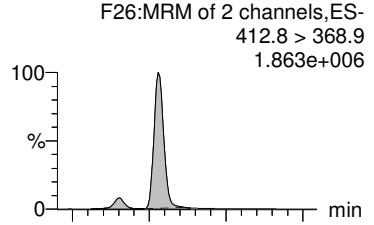
RK 6/26/2020

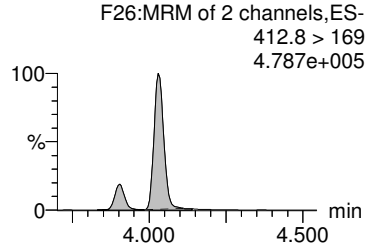
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

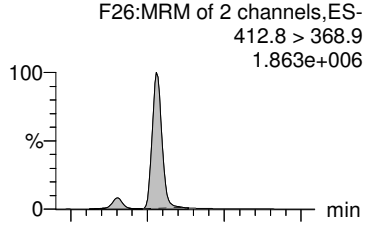
Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

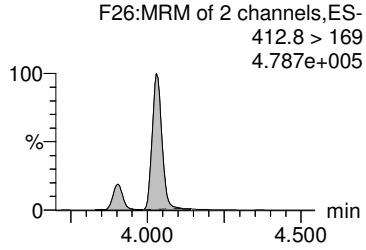
L-PFOA



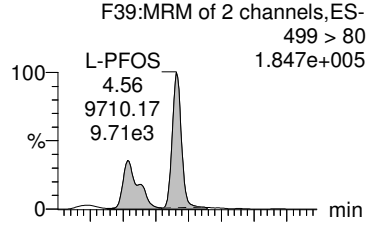


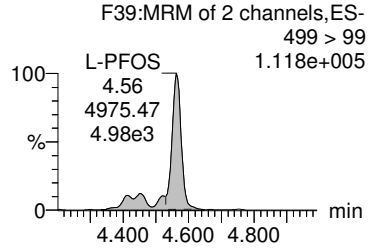
Total PFOA



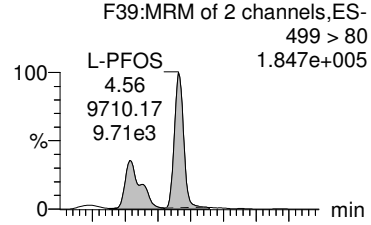


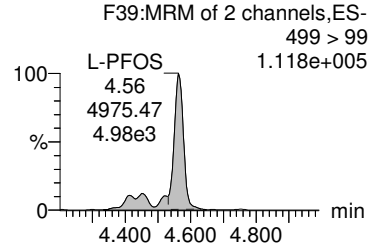
L-PFOS



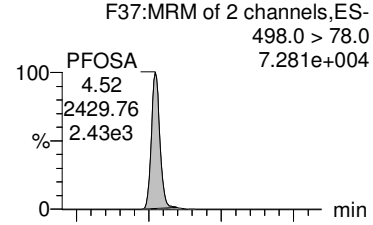


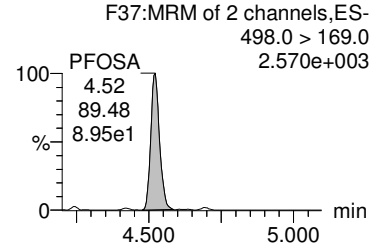
Total PFOS



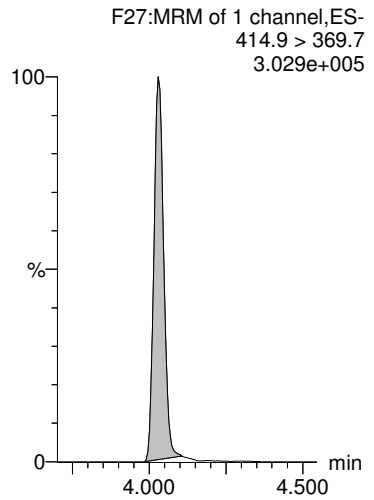


PFOSA

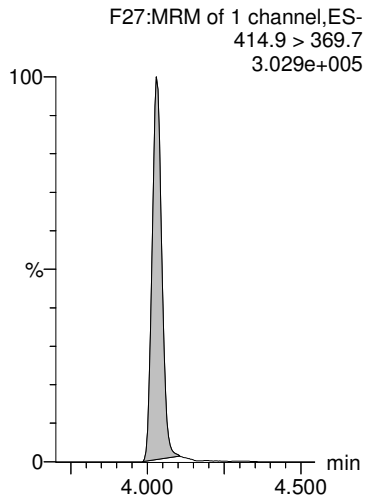




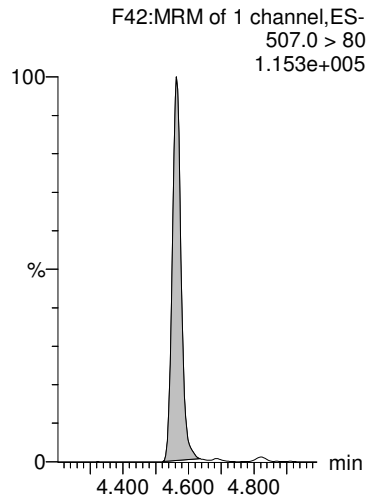
13C2-PFOA-EIS



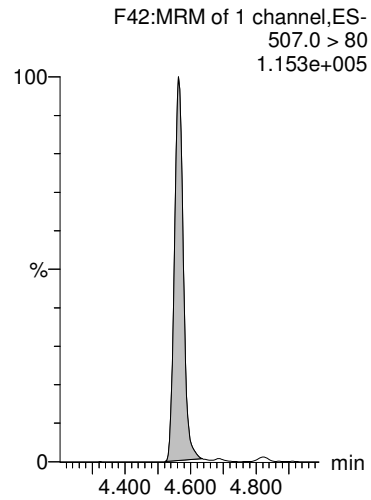
13C2-PFOA-EIS



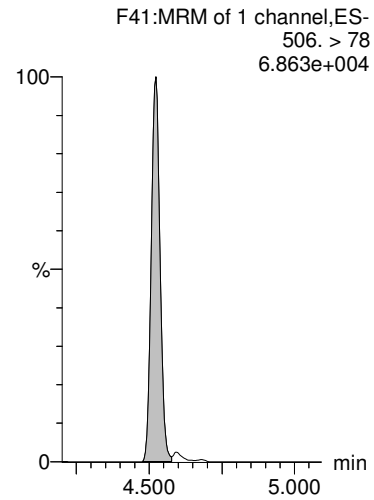
13C8-PFOS-EIS



13C8-PFOS-EIS



13C8-PFOSA-EIS

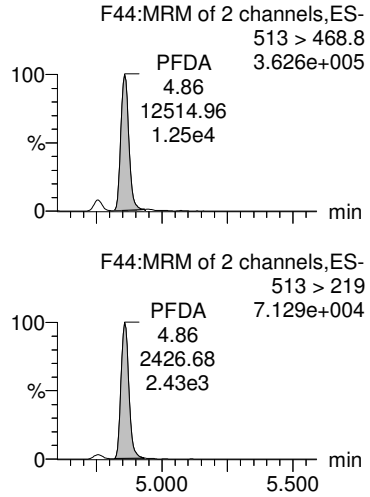


Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

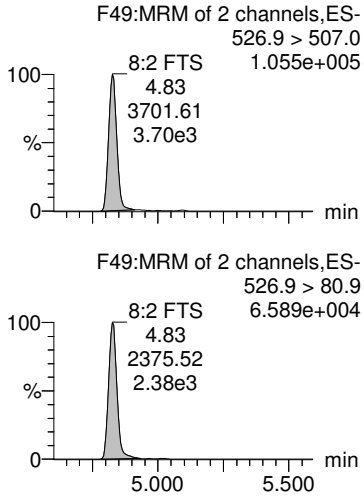
Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

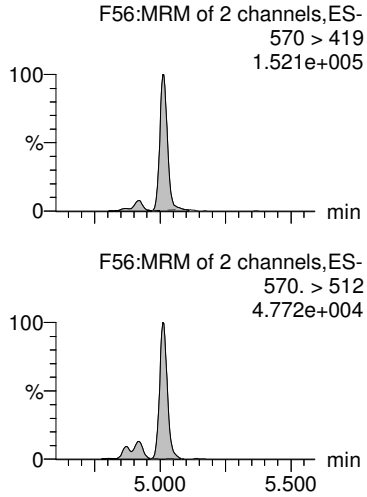
PFDA



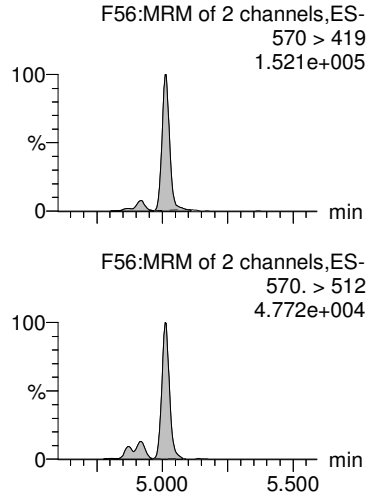
8:2 FTS



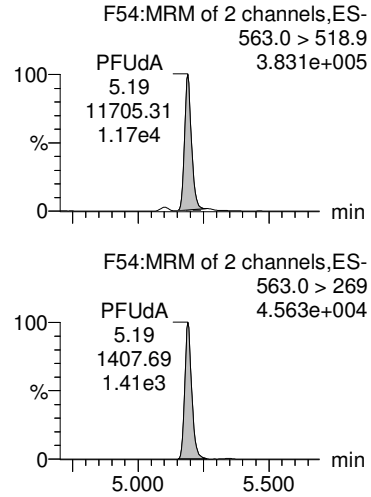
L-MeFOSAA



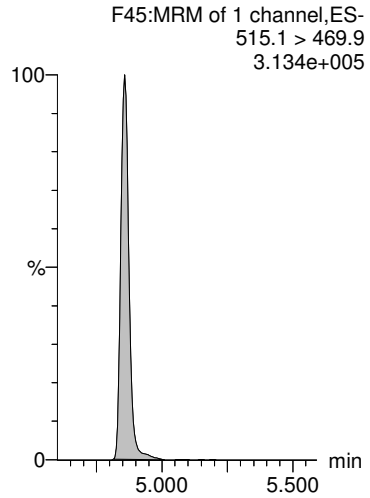
Total N-MeFOSAA



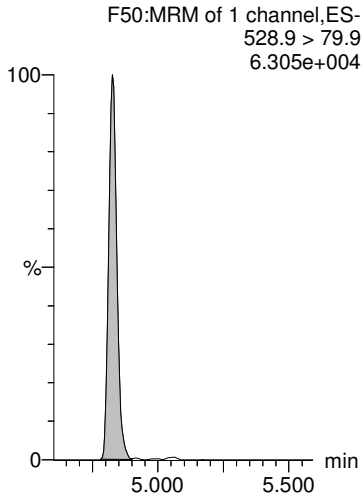
PFUdA



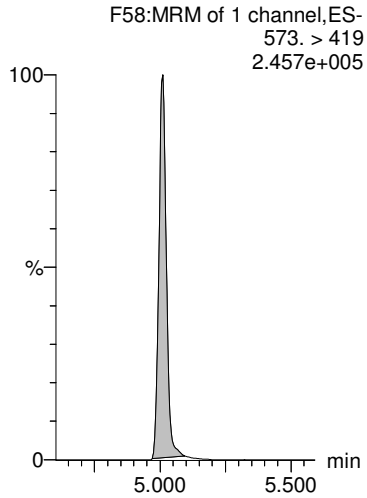
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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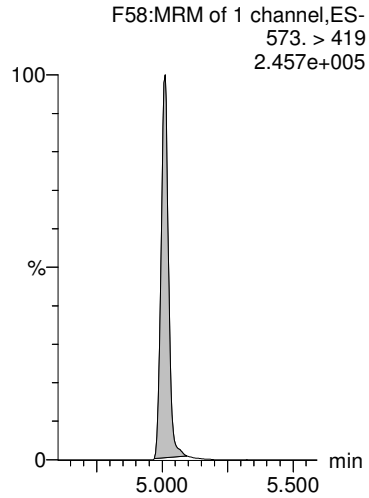

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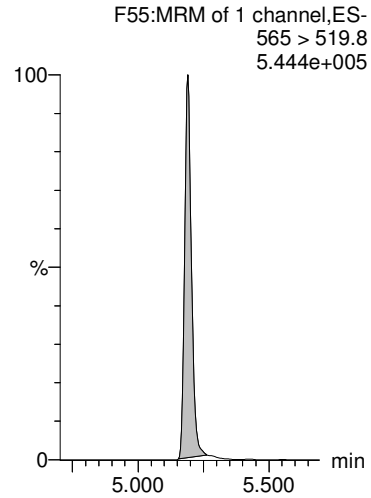


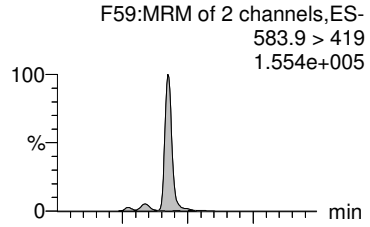
RK 6/26/2020

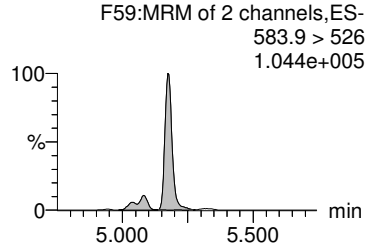
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

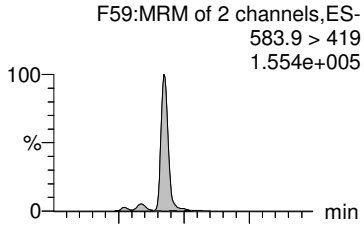
Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

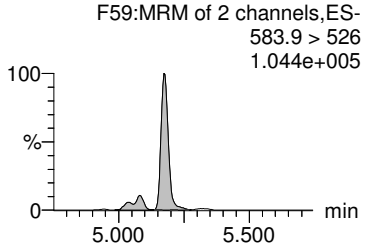
L-EtFOSAA



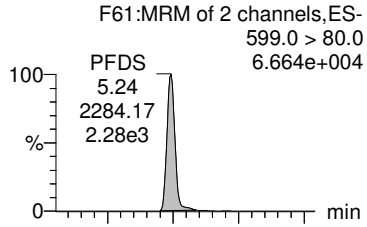


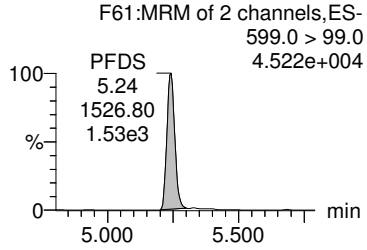
Total N-EtFOSAA



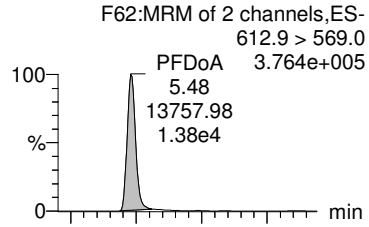


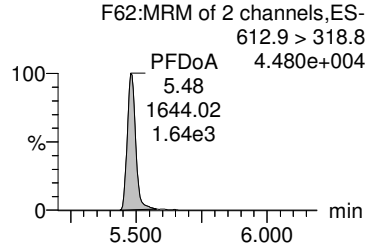
PFDS



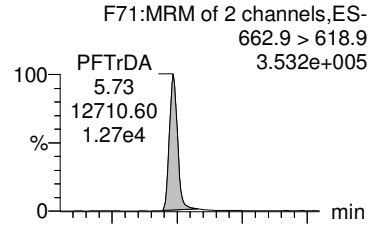


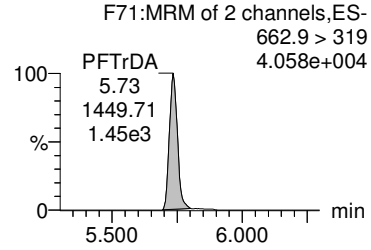
PFDoA



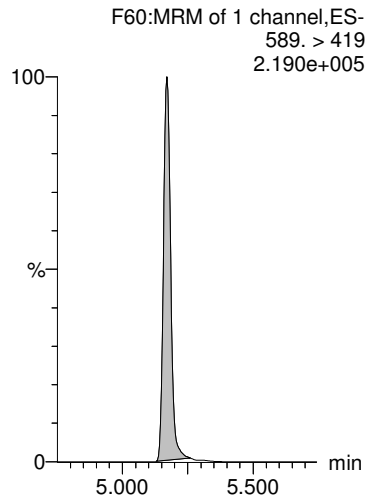


PFTrDA

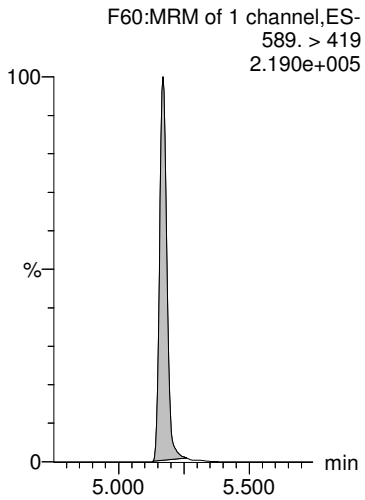




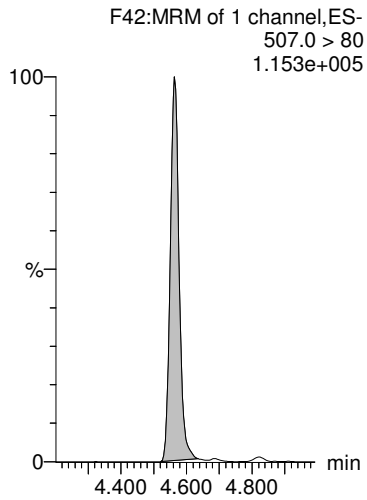
d5-N-EtFOSAA-EIS



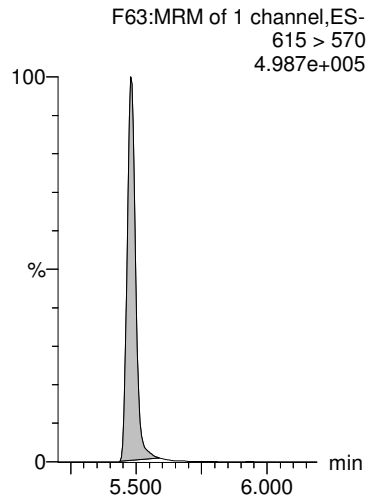
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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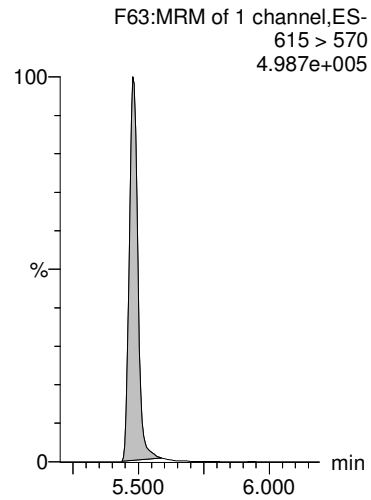


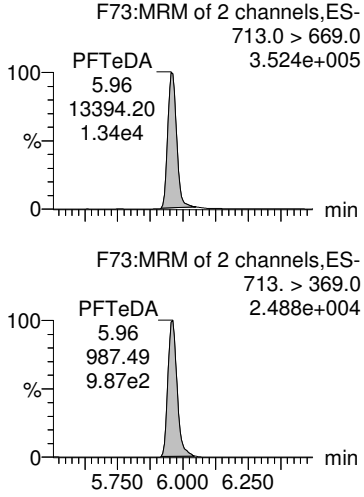
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

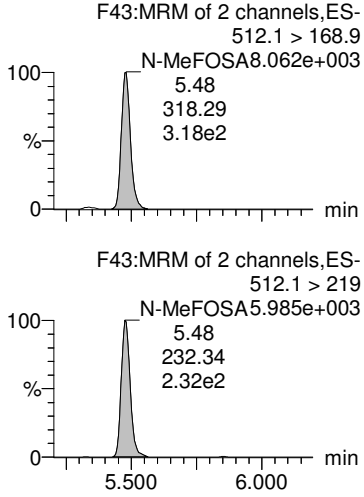
Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

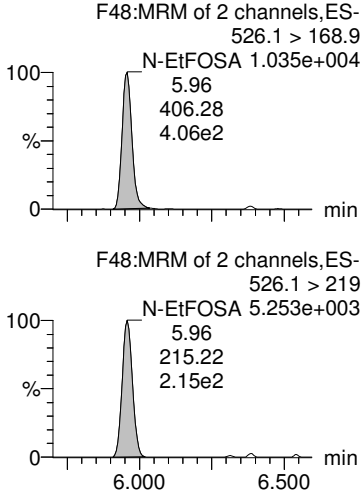
PFTeDA



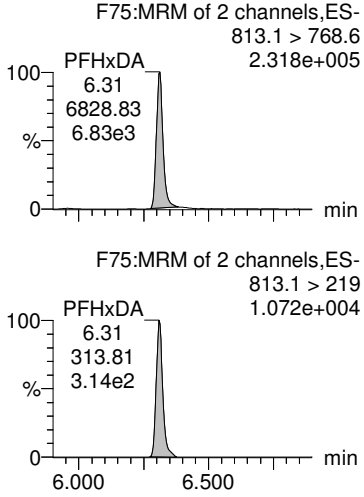
N-MeFOSA



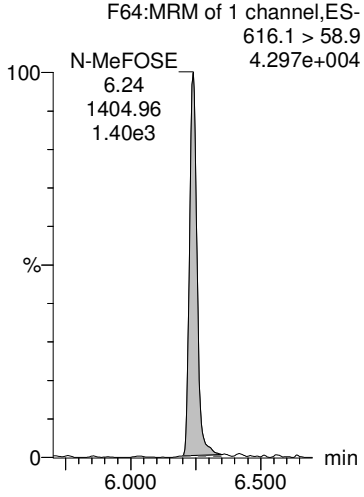
N-EtFOSA



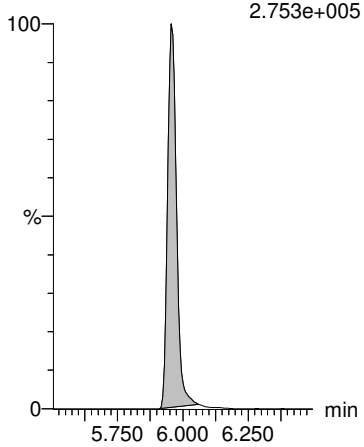
PFHxDA



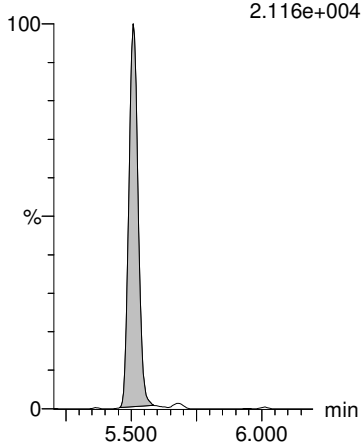
N-MeFOSE



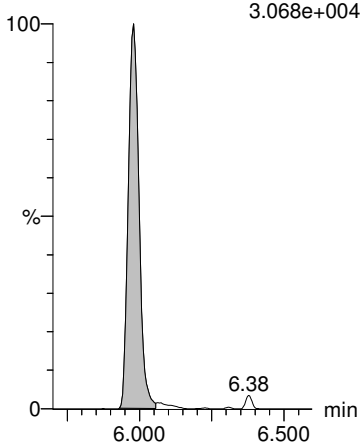
13C2-PFTeDA-EIS



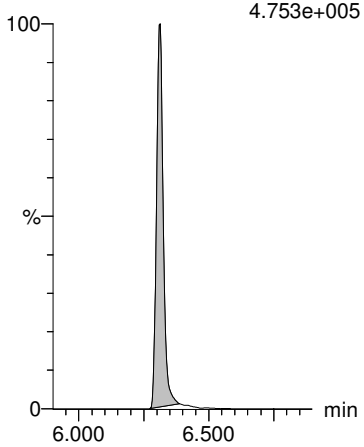
d3-N-MeFOSA-EIS



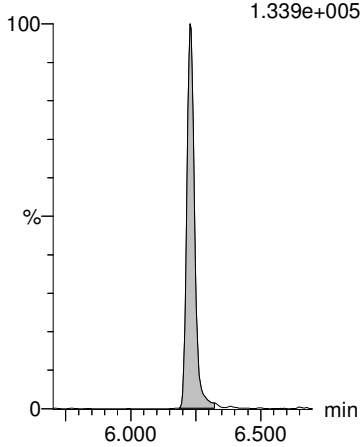
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



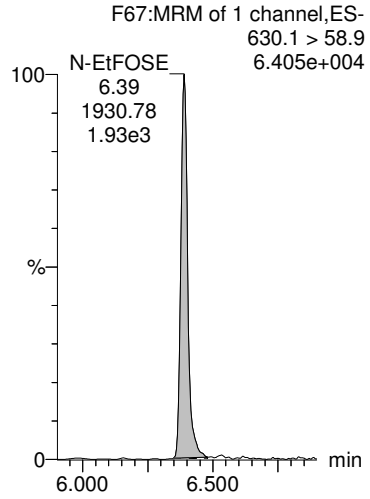
RK 6/26/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-47.qld

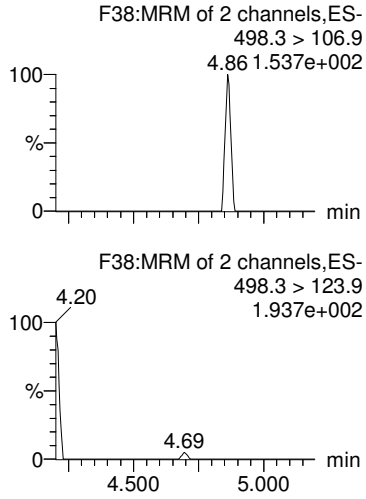
Last Altered: Friday, June 26, 2020 16:53:33 Pacific Daylight Time
Printed: Friday, June 26, 2020 16:54:07 Pacific Daylight Time

Name: 200623M1_47, Date: 23-Jun-2020, Time: 20:18:17, ID: B0F0146-MSD1 Matrix Spike Dup 0.11043, Description: Matrix Spike Dup

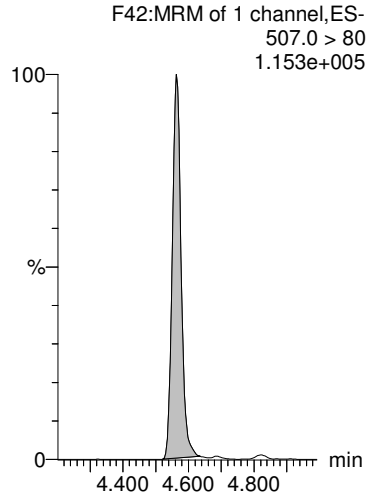
N-EtFOSE



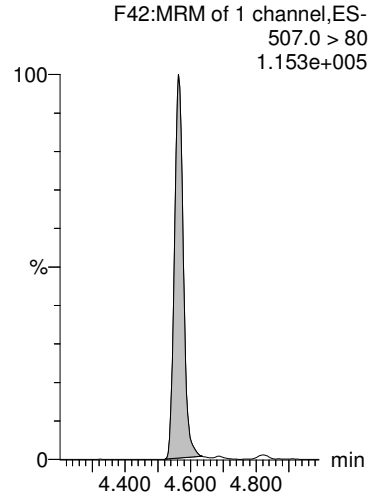
TDCA



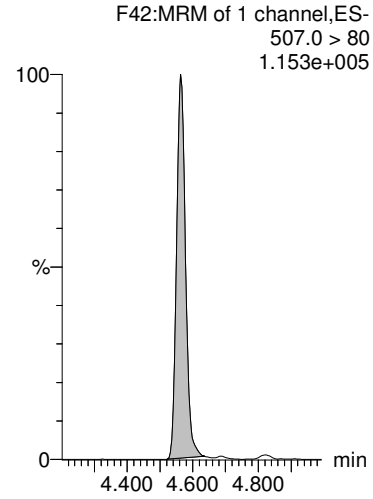
13C8-PFOS-EIS



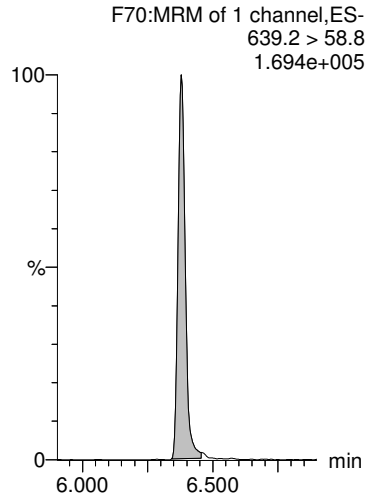
13C8-PFOS-EIS



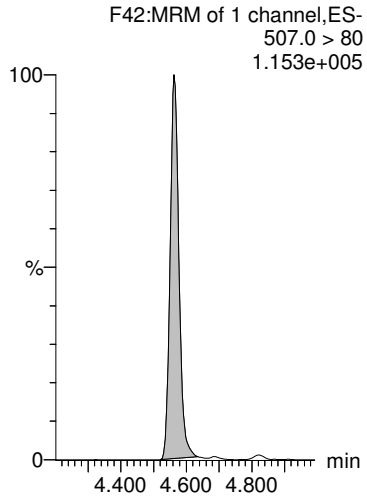
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/26/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

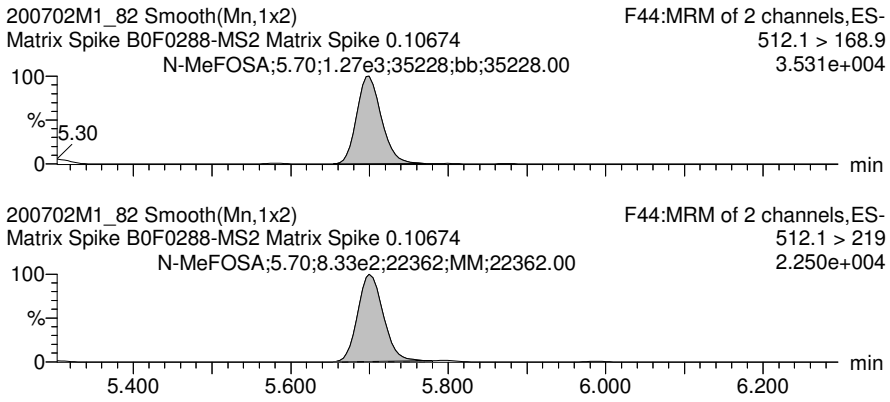
Dataset: M:\Projects\PFAS.PRO\Results\200702M1\200702M1-78-95.qld

Last Altered: Monday, July 06, 2020 19:31:35 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:36:33 Pacific Daylight Time

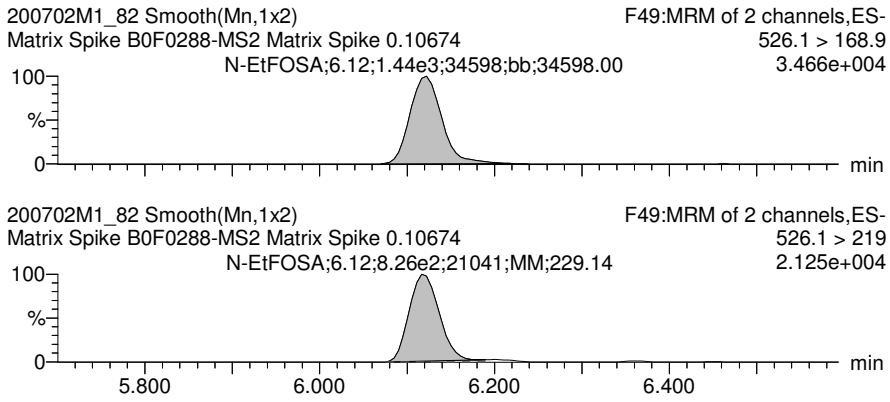
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_82, Date: 03-Jul-2020, Time: 05:27:32, ID: B0F0288-MS2 Matrix Spike 0.10674, Description: Matrix Spike

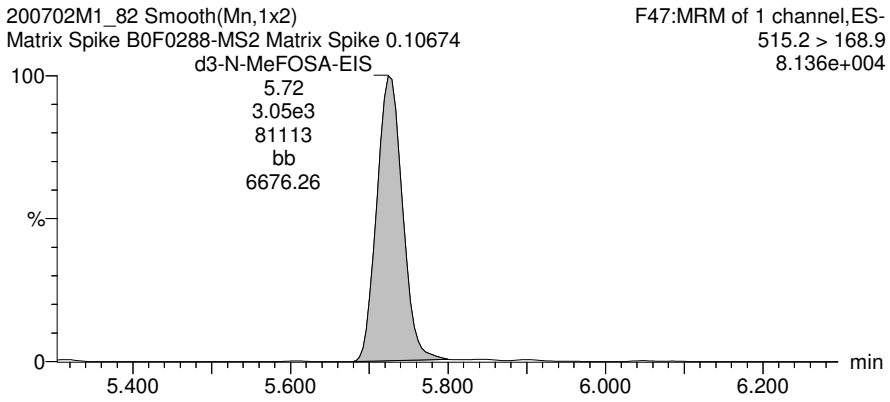
N-MeFOSA



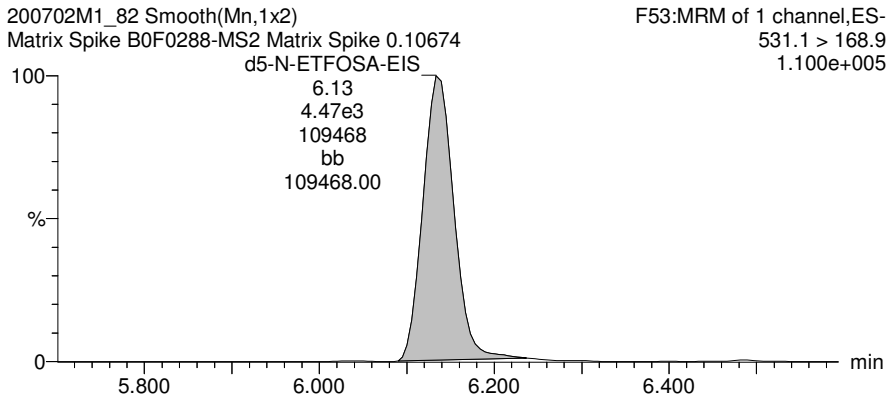
N-EtFOSA



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9	1.271e3	3.046e3	0.107		5.70	62.268	557.898		1.526	NO
2	42	N-EtFOSA	526.1 > 168.9	1.441e3	4.468e3	0.107		6.12	48.107	549.968		1.744	NO
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	3.046e3		0.107	74.578	5.72	3045.971	382.638	27.4		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	4.468e3		0.107	110.195	6.13	4468.229	379.881	27.2		

GM 7/6/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

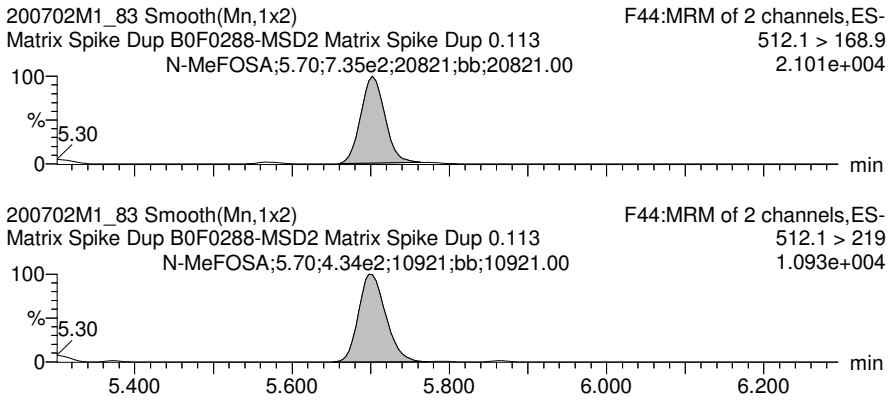
Dataset: M:\Projects\PFAS.PRO\Results\200702M1\200702M1-78-95.qld

Last Altered: Monday, July 06, 2020 19:31:35 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:36:38 Pacific Daylight Time

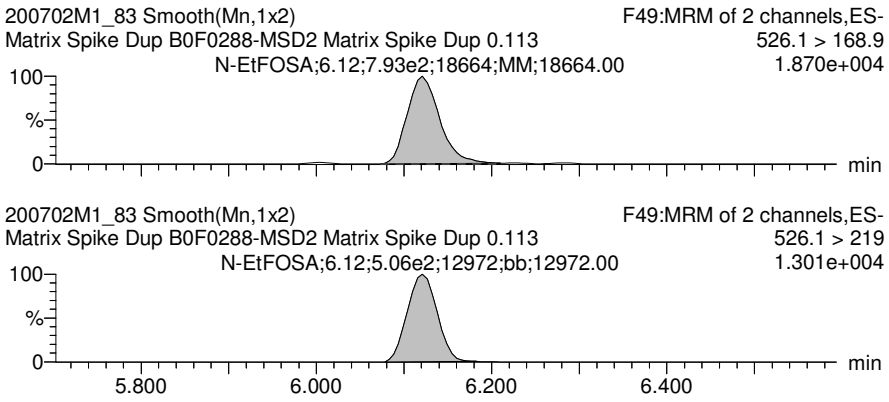
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_83, Date: 03-Jul-2020, Time: 05:37:54, ID: B0F0288-MSD2 Matrix Spike Dup 0.113, Description: Matrix Spike Dup

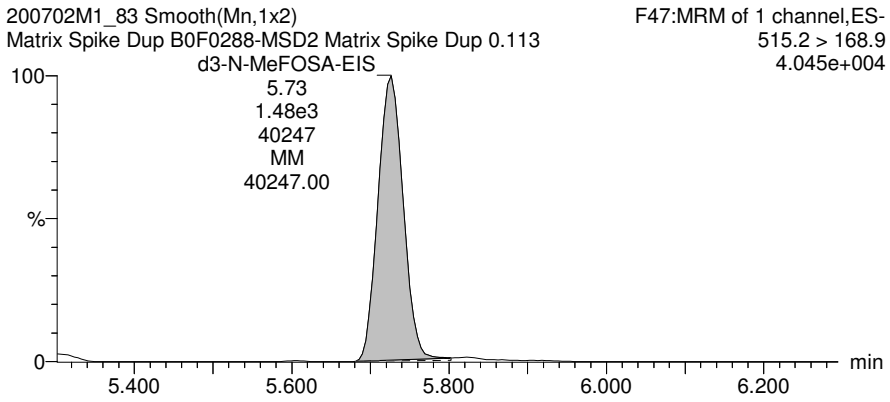
N-MeFOSA



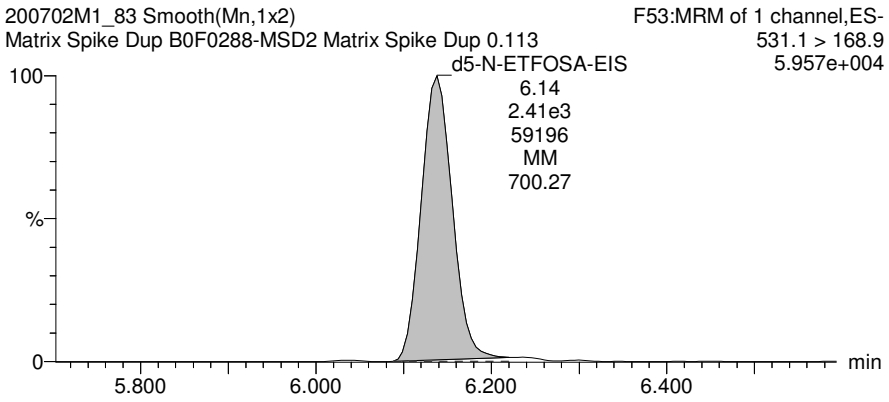
N-EtFOSA



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9	7.352e2	1.479e3	0.113		5.70	74.150	628.392		1.694	NO
2	42	N-EtFOSA	526.1 > 168.9	7.934e2	2.406e3	0.113		6.12	49.199	531.345		1.569	NO
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.479e3		0.113	74.578	5.73	1479.266	175.533	13.3		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.406e3		0.113	110.195	6.14	2406.076	193.228	14.6		

GM 7/6/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	7.573e2	2.845e3	0.109		1.10	1.10	3.33	20.232			
2	4	PFPeA	263.1 > 218.9	1.408e3	4.012e3	0.109		2.06	2.06	4.39	43.070			
3	5	PFBS	299.0 > 79.7	1.252e2	1.115e3	0.109		2.35	2.35	1.40	6.554		3.21	NO
4	7	PFHxA	313.0 > 269.0	4.987e3	7.385e3	0.109		2.88	2.88	8.44	68.467		17.9	NO
5	11	PFHpA	363.0 > 318.9	5.189e3	4.677e3	0.109		3.52	3.52	13.9	103.252		8.98	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.845e3		0.109	211.507	0.84	1.10	2840	123.338	107.6		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.012e3		0.109	430.335	2.06	2.06	4010	85.491	74.6		
8	51	13C3-PFBS-EIS	302.0 > 99	1.115e3		0.109	119.139	2.49	2.35	1110	85.803	74.8		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.385e3		0.109	810.703	3.06	2.88	7390	83.546	72.9		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.677e3		0.109	538.644	3.59	3.52	4680	79.635	69.5		
11	-1													
12	13	L-PFHxS	399 > 80.0	4.823e2	2.862e3	0.109		3.67	3.67	2.11	20.063		2.03	NO
13	1...	Total PFHxS	399 > 80	4.823e2	2.862e3	0.109		3.83		2.11	20.063			
14	15	6:2 FTS	427 > 407.0	1.376e1	1.449e3	0.109		3.97	3.97	0.119	0.305		6.87	NO
15	19	PFHpS	448.9 > 80.0	4.620e1	3.121e3	0.109		4.18	4.15	0.185	1.226		2.74	NO
16	21	PFNA	463.0 > 418.8	5.218e3	8.605e3	0.109		4.48	4.48	7.58	55.561		3.90	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.862e3		0.109	297.710	3.80	3.67	2860	88.174	76.9		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.862e3		0.109	297.710	3.80	3.67	2860	88.174	76.9		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.449e3		0.109	189.343	4.04	3.97	1450	70.196	61.2		
20	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.605e3		0.109	1024.035	4.68	4.48	8600	77.061	67.2		
22	-1													
23	16	L-PFOA	412.8 > 368.9	3.774e4	9.841e3	0.109		4.03	4.03	47.9	302.144		3.67	NO
24	1...	Total PFOA	412.8 > 368.9	3.774e4	9.841e3	0.109		4.20		47.9	302.144			
25	23	L-PFOS	499 > 80	2.880e3	3.121e3	0.109		4.56	4.56	11.5	104.463		2.24	NO
26	1...	Total PFOS	499 > 80	2.880e3	3.121e3	0.109		4.73		11.5	104.463			
27	22	PFOSA	498.0 > 78.0	3.837e2	2.340e3	0.109		4.52	4.52	2.05	19.740		25.5	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.841e3		0.109	1051.559	4.10	4.03	9840	85.830	74.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.841e3		0.109	1051.559	4.10	4.03	9840	85.830	74.9		
30	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		
31	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		
32	67	13C8-PFOSA-EIS	506. > 78	2.340e3		0.109	327.488	4.58	4.52	2340	65.522	57.2		
33	-1													
34	26	PFDA	513 > 468.8	1.007e3	9.670e3	0.109		4.86	4.86	1.30	7.863		7.06	NO
35	27	8:2 FTS	526.9 > 507.0	2.896e1	1.749e3	0.109		4.83	4.83	0.207	0.544		2.31	NO
36	29	L-MeFOSAA	570 > 419		6.945e3	0.109		5.01						YES

RK 6/26/2020

Vista Analytical Laboratory L26

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	6.945e3	0.109		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.336e4	0.109		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.670e3		0.109	1015.350	4.90	4.86	9670	87.341	76.2		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.749e3		0.109	213.425	4.88	4.83	1750	75.173	65.6		
41	77	d3-N-MeFOSAA-EIS	573. > 419	6.945e3		0.109	959.325	5.25	5.01	6950	66.396	57.9		
42	77	d3-N-MeFOSAA-EIS	573. > 419	6.945e3		0.109	959.325	5.25	5.01	6950	66.396	57.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.336e4		0.109	1526.144	5.23	5.19	13400	80.306	70.1		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	9.121e1	5.760e3	0.109		5.17	5.17	0.198	2.735		0.936	NO
46	1...	Total N-EtFOSAA	583.9 > 419	9.121e1	5.760e3	0.109		5.33		0.198	2.735			
47	34	PFDS	599.0 > 80.0		3.121e3	0.109		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.560e4	0.109		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.560e4	0.109		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.760e3		0.109	833.625	5.21	5.17	5760	63.366	55.3		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.760e3		0.109	833.625	5.21	5.17	5760	63.366	55.3		
52	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		
53	83	13C2-PFDoA-EIS	615 > 570	1.560e4		0.109	1936.260	5.51	5.48	15600	73.885	64.5		
54	83	13C2-PFDoA-EIS	615 > 570	1.560e4		0.109	1936.260	5.51	5.48	15600	73.885	64.5		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.380e3	0.109		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		3.724e3	0.109		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		5.020e3	0.109		5.96						YES
59	43	PFHxDA	813.1 > 768.6		8.291e3	0.109		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		4.946e3	0.109		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.380e3		0.109	1229.760	5.98	5.96	8380	62.497	54.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.724e3		0.109	89.439	5.60	5.51	3720	381.848	27.9		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.020e3		0.109	145.327	6.03	5.98	5020	316.807	23.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.291e3		0.109	1833.619	6.55	6.31	8290	41.469	36.2		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.946e3		0.109	57.460	6.23	6.23	4950	789.460	57.7		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.328e3	0.109		6.38						
68	1...	TDCA	498.3>106.9			0.109		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		
70	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		
71	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.328e3		0.109	67.369	6.38	6.38	6330	861.379	63.0		

RK 6/26/2020

Vista Analytical Laboratory L26

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.121e3		0.109	323.537	4.88	4.56	3120	88.462	77.2		

RK 6/26/2020

Review: AMR 6/30/2020

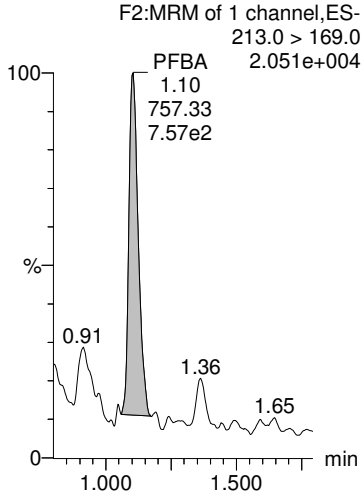
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 17:25:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

PFBA



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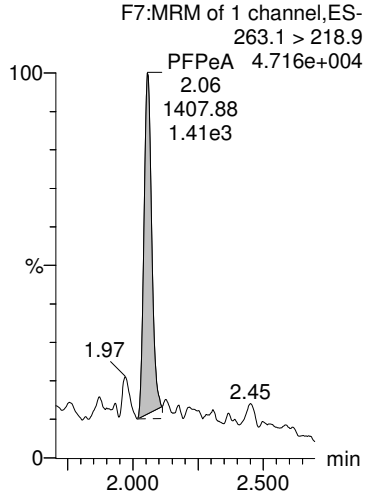

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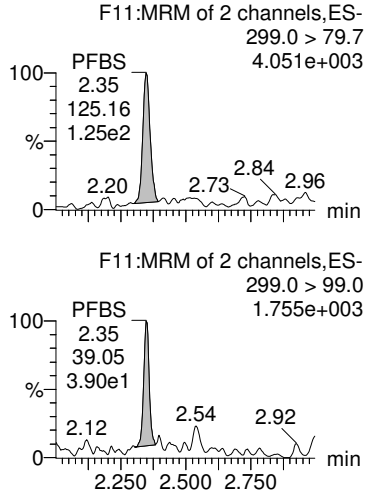

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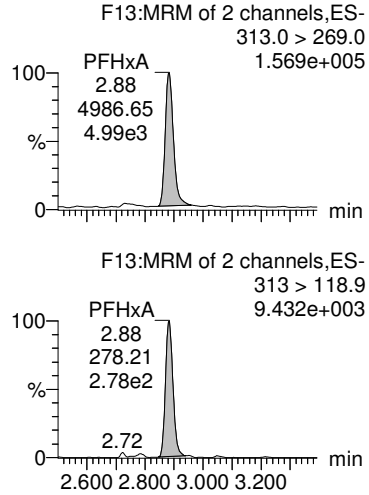

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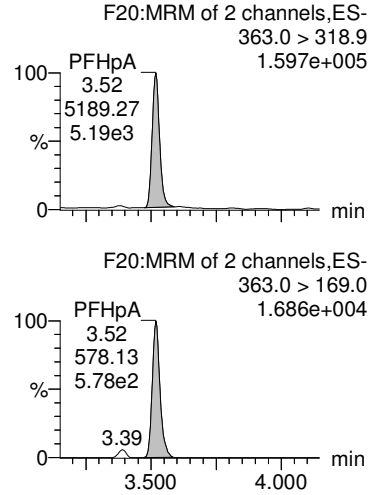
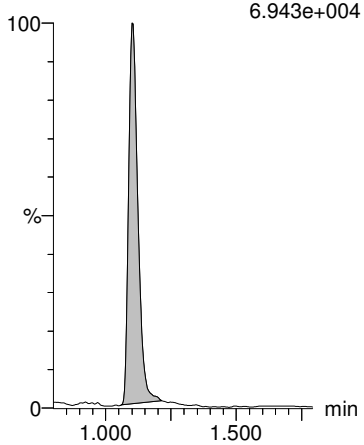


13C3-PFBA-EIS



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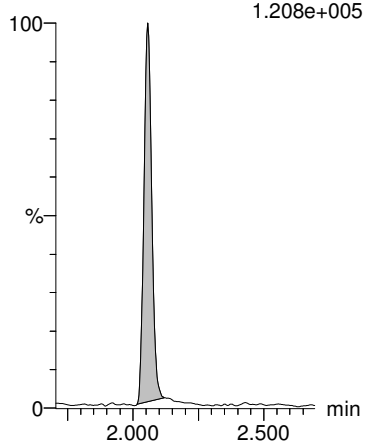

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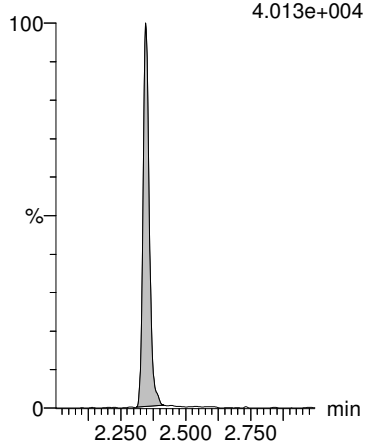

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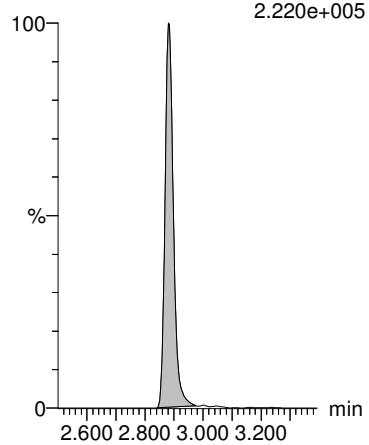

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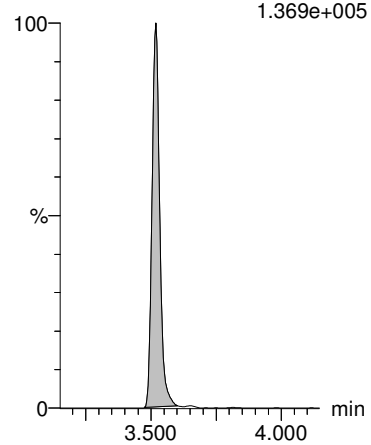


RK 6/26/2020

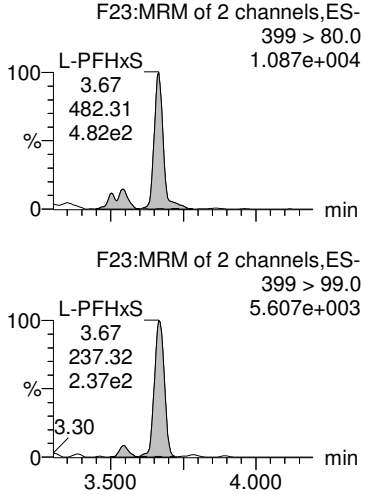
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

L-PFHxS



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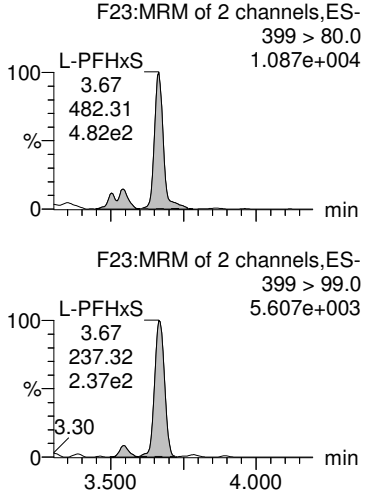
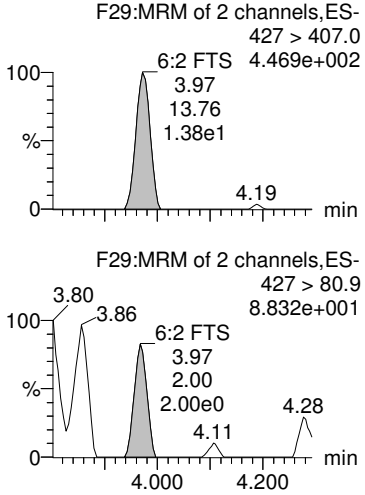


6:2 FTS



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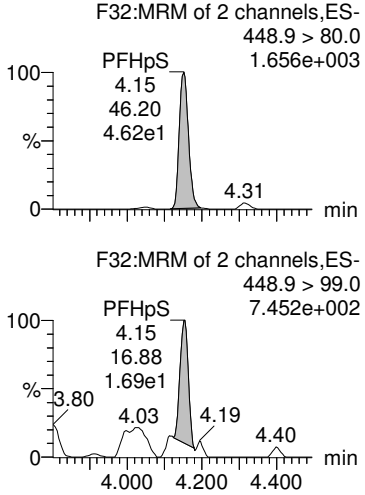

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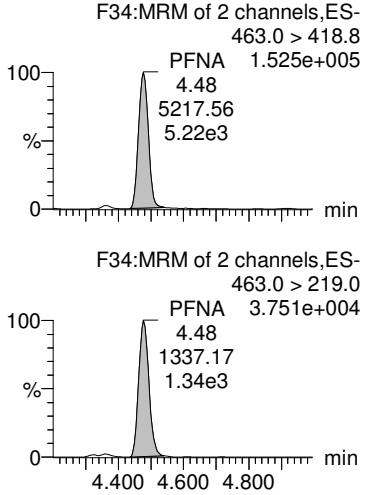
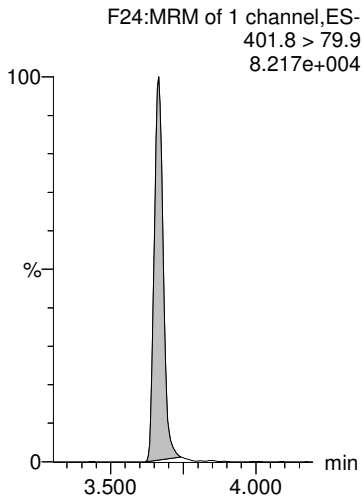


13C3-PFHxS-EIS



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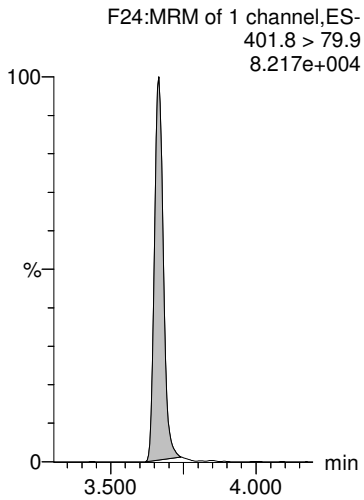

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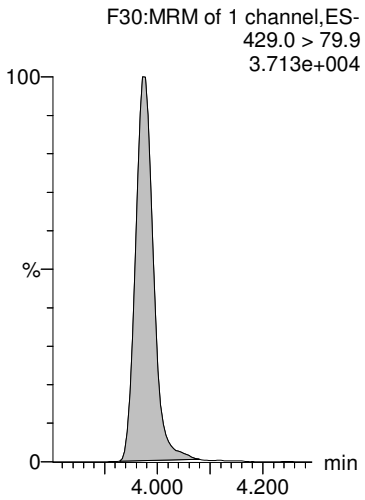
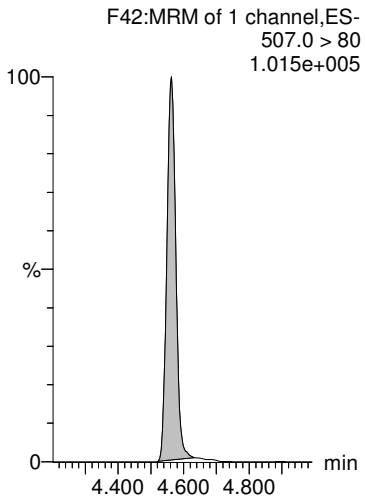


13C8-PFOS-EIS



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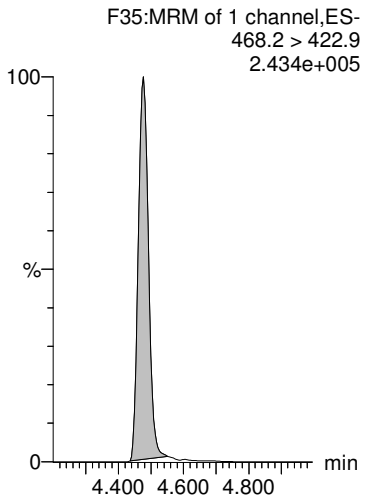


RK 6/26/2020

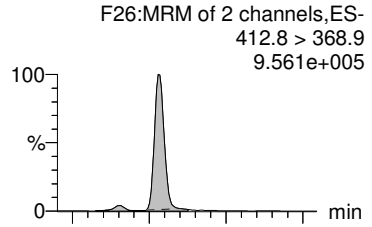
Review: AMR 6/30/2020

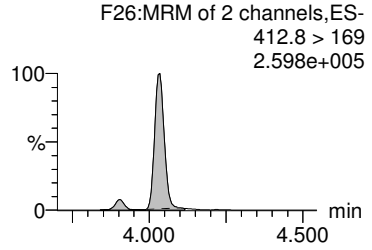
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

L-PFOA





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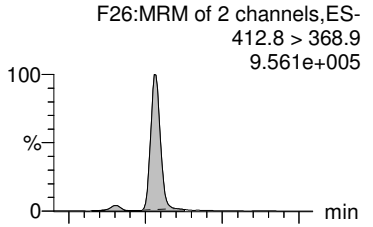
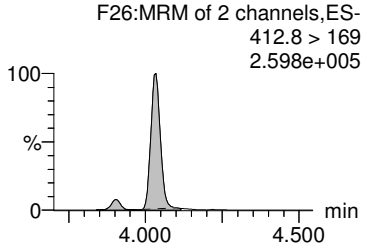
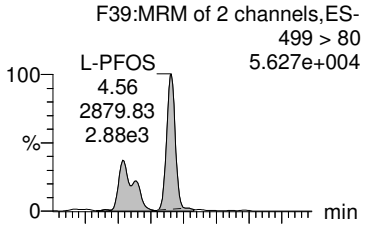
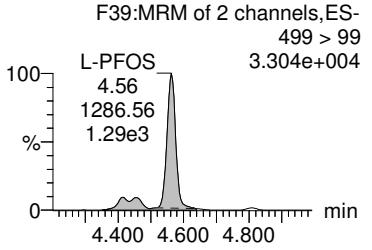




L-PFOS





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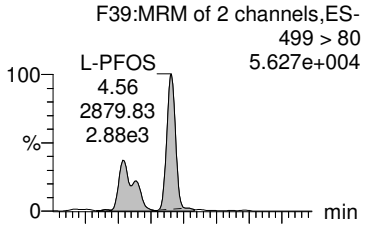
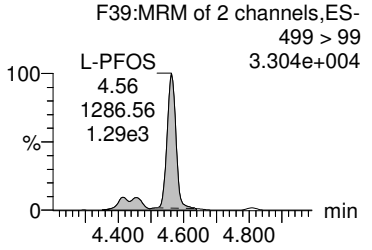
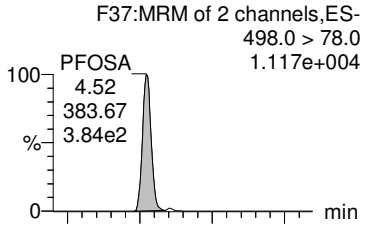
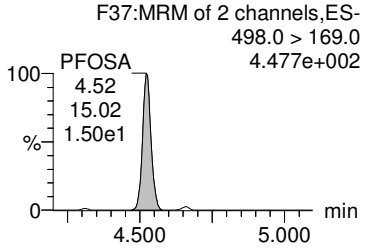


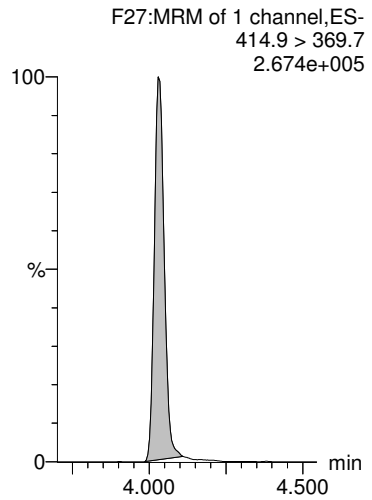


PFOSA





13C2-PFOA-EIS



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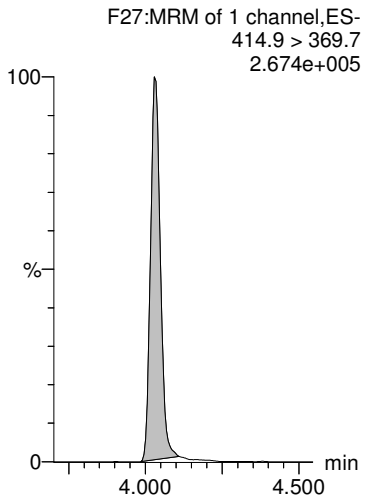

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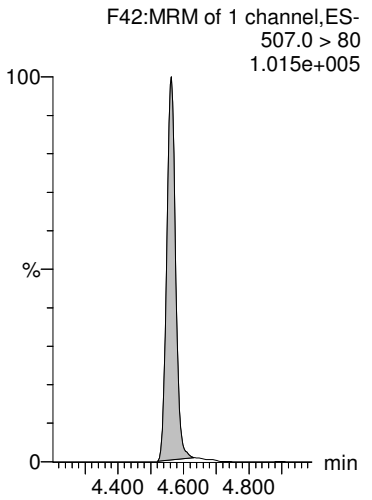

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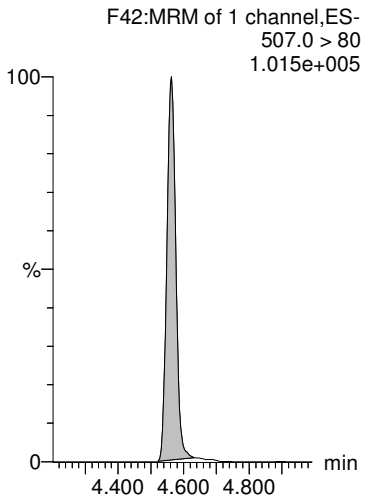
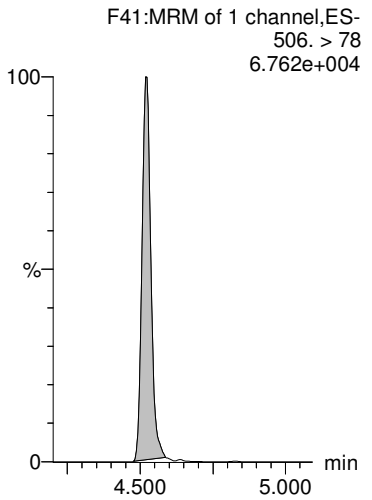


13C8-PFOSA-EIS



RK 6/26/2020

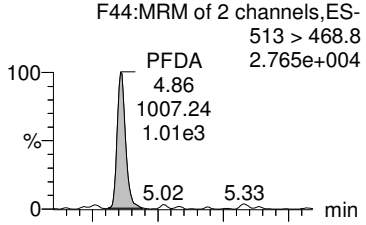
Review: AMR 6/30/2020

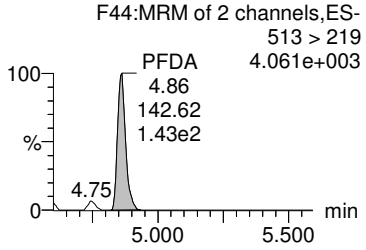
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

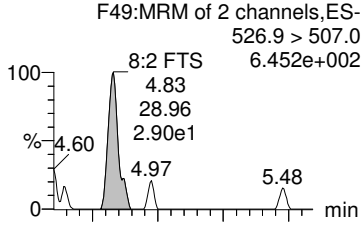
Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

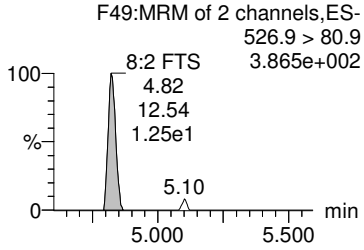
PFDA



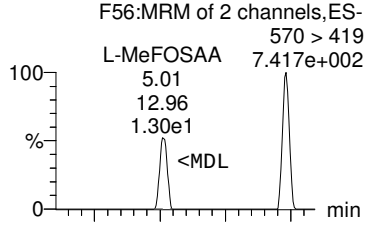


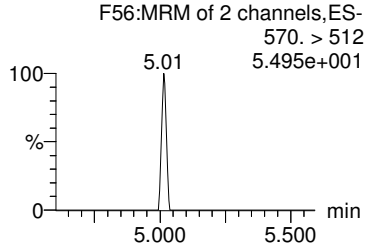
8:2 FTS



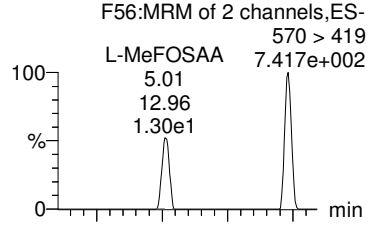


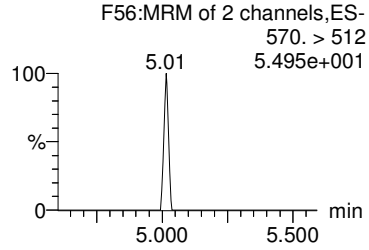
L-MeFOSAA



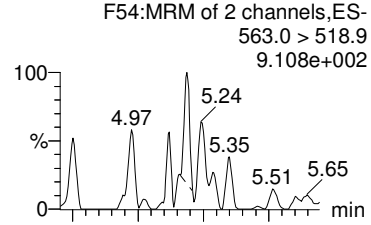


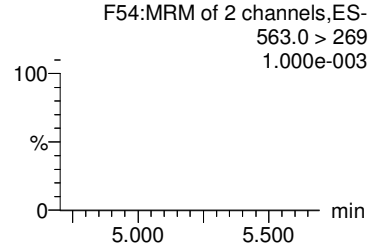
Total N-MeFOSAA



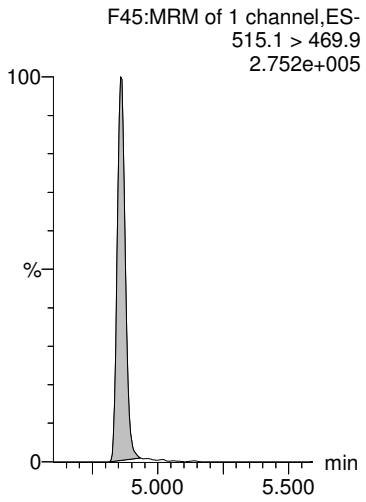


PFUdA

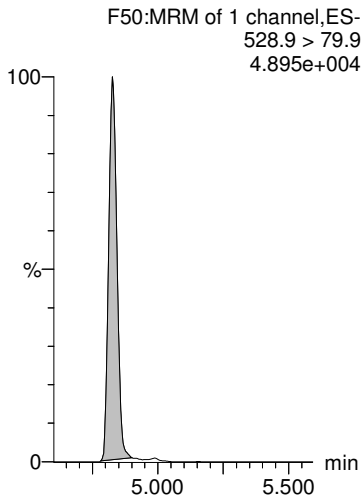




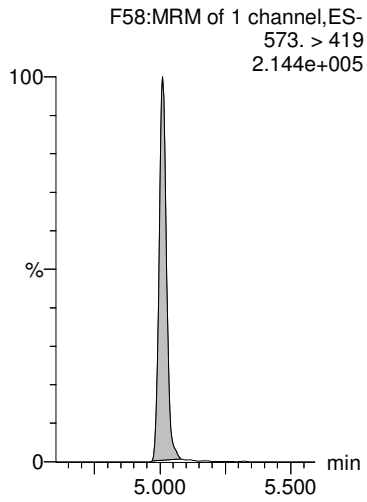
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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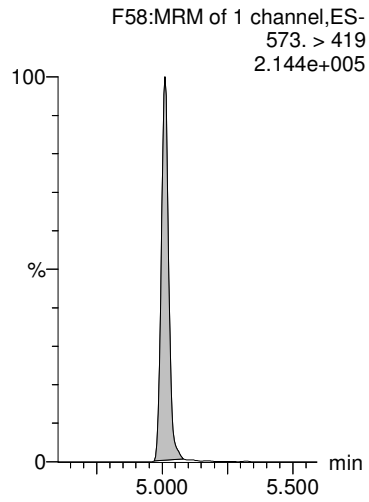
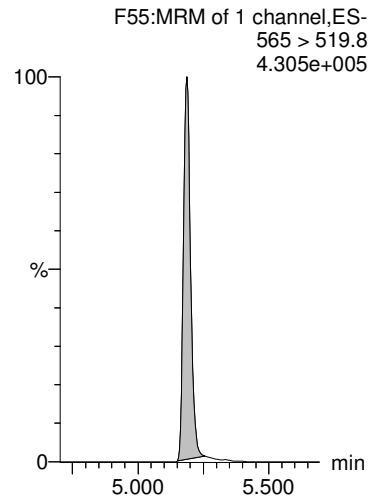


13C2-PFUdA-EIS



RK 6/26/2020

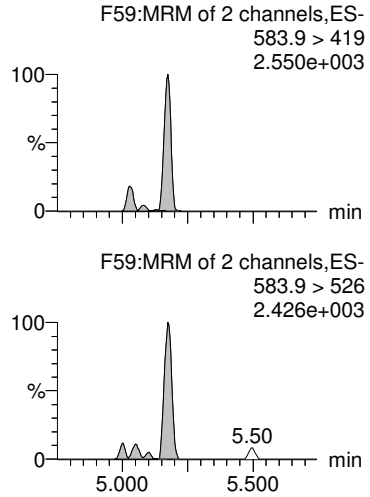
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

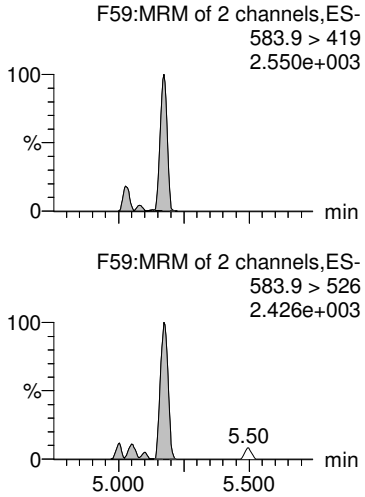
Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

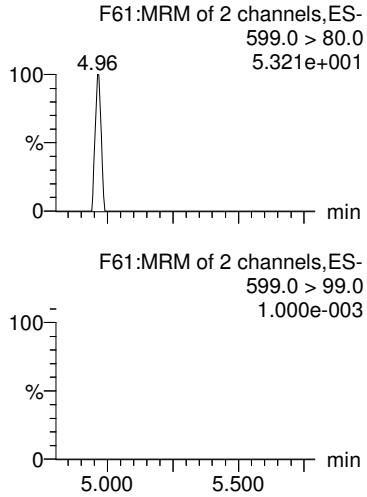
L-EtFOSAA



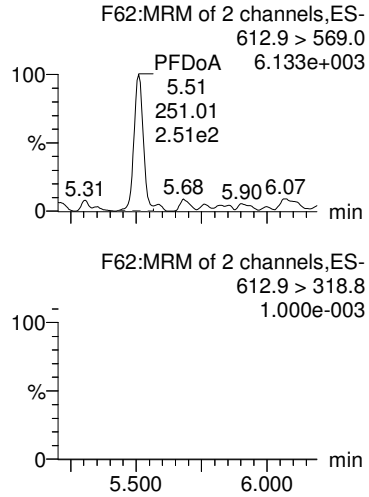
Total N-EtFOSAA



PFDS



PFDoA



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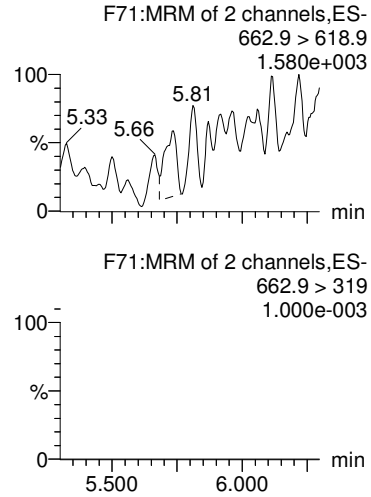
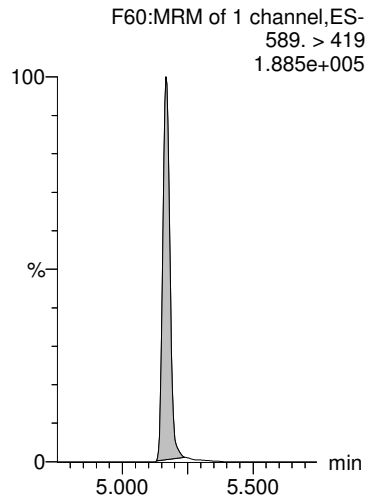
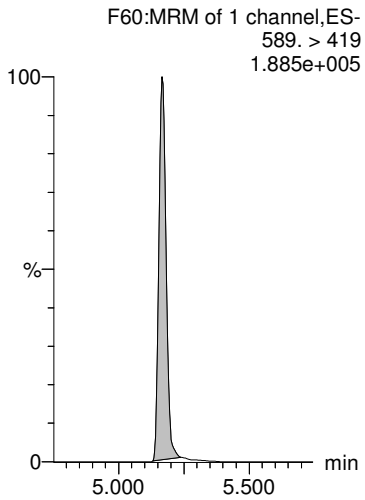


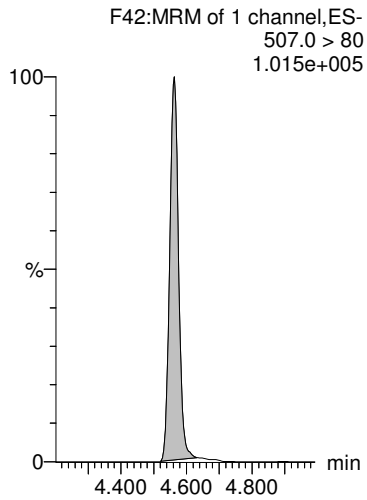
d5-N-EtFOSAA-EIS



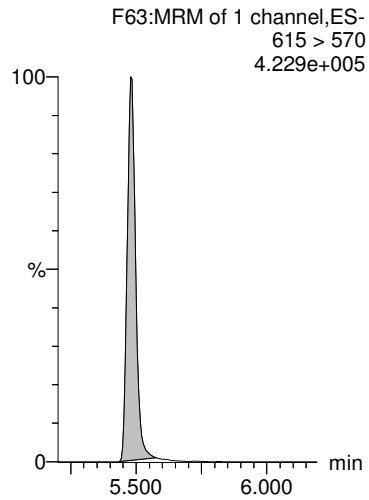
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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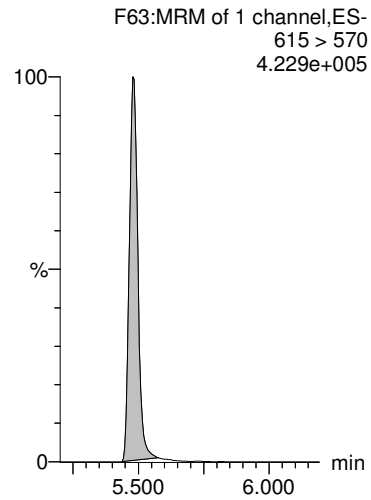


RK 6/26/2020

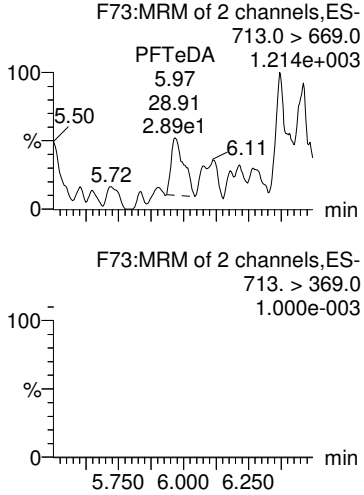
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

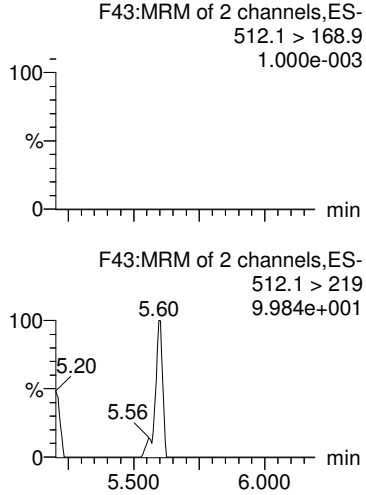
Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

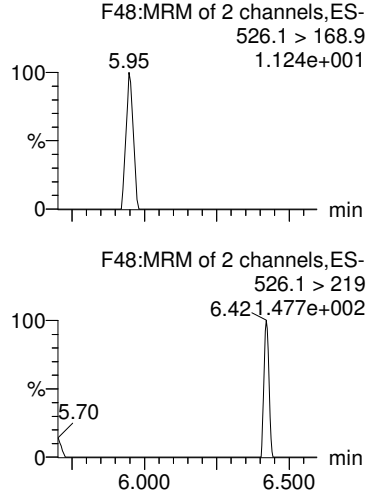
PFTeDA



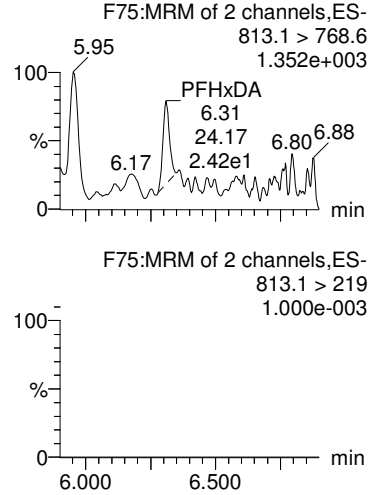
N-MeFOSA



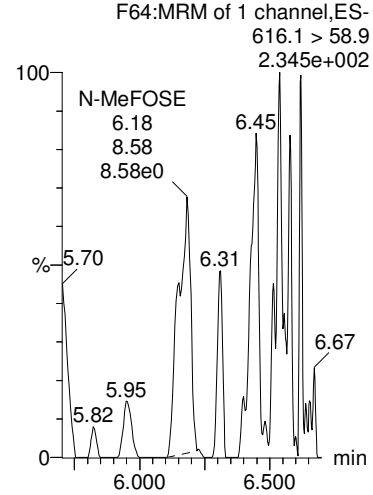
N-EtFOSA



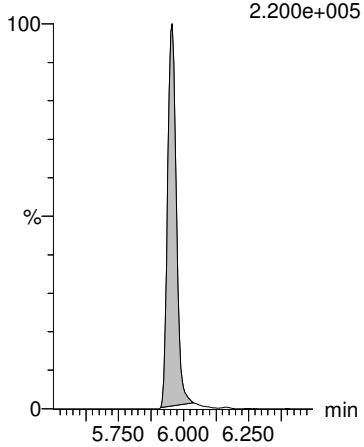
PFHxDA



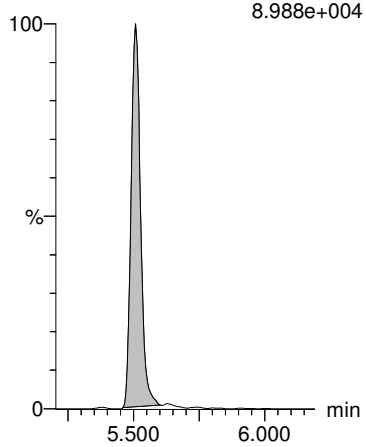
N-MeFOSE



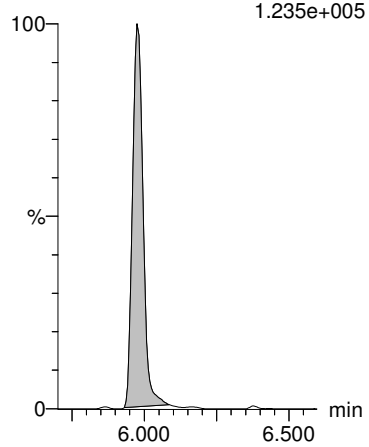
13C2-PFTeDA-EIS



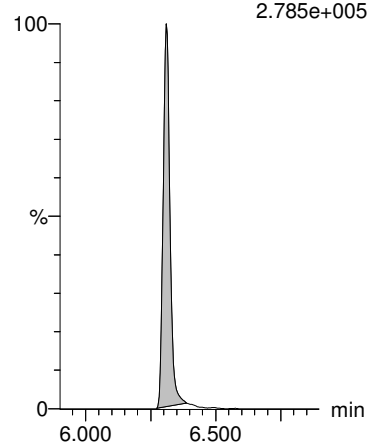
d3-N-MeFOSA-EIS



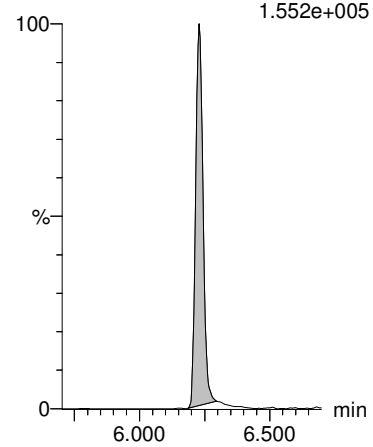
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



RK 6/26/2020

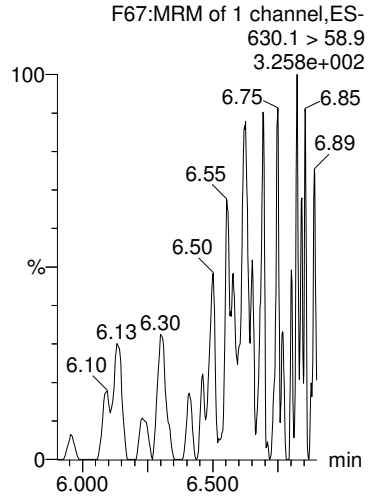
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-50.qld

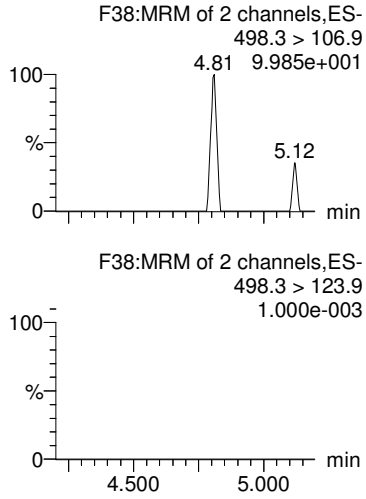
Last Altered: Friday, June 26, 2020 17:32:03 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:34:37 Pacific Daylight Time

Name: 200623M1_50, Date: 23-Jun-2020, Time: 20:49:24, ID: 2001272-02 GW-AE-3A 0.10904, Description: GW-AE-3A

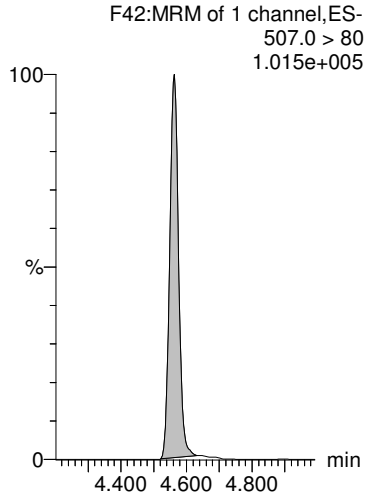
N-EtFOSE



TDCA



13C8-PFOS-EIS



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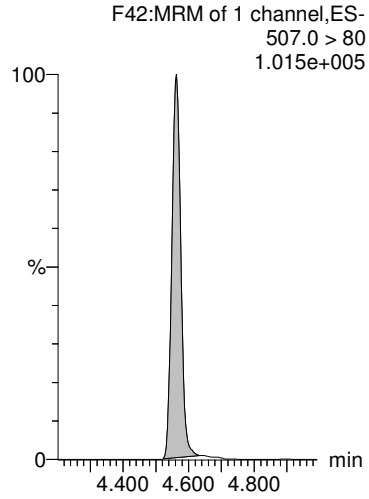
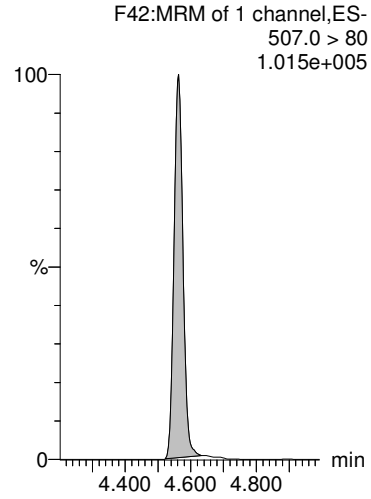
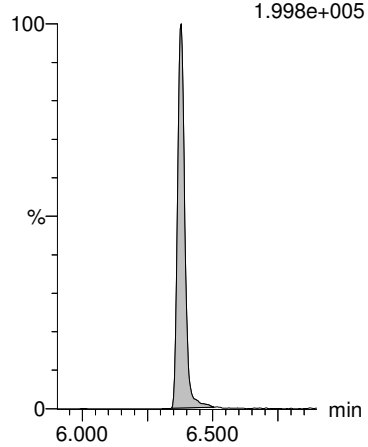


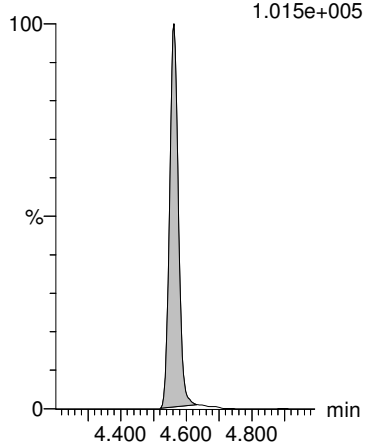
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/26/2020

Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 14:05:19 Pacific Daylight Time

Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4.624e3	3.192e3	0.112		1.10	1.10	18.1	106.959			
2	4	PFPeA	263.1 > 218.9	4.966e3	4.483e3	0.112		2.06	2.06	13.8	133.389			
3	5	PFBS	299.0 > 79.7	2.241e3	1.202e3	0.112		2.35	2.35	23.3	102.110		2.76	NO
4	7	PFHxA	313.0 > 269.0	1.252e4	8.008e3	0.112		2.88	2.88	19.5	154.185		16.2	NO
5	11	PFHpA	363.0 > 318.9	1.109e4	5.055e3	0.112		3.52	3.52	27.4	199.195		9.79	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.192e3		0.112	211.507	0.84	1.10	3190	135.087	120.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.483e3		0.112	430.335	2.06	2.06	4480	93.238	83.3		
8	51	13C3-PFBS-EIS	302.0 > 99	1.202e3		0.112	119.139	2.49	2.35	1200	90.326	80.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.008e3		0.112	810.703	3.06	2.88	8010	88.406	79.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.055e3		0.112	538.644	3.59	3.52	5050	83.993	75.1		
11	-1													
12	13	L-PFHxS	399 > 80.0	3.010e3	3.113e3	0.112		3.67	3.67	12.1	116.401		1.46	NO
13	1...	Total PFHxS	399 > 80	3.010e3	3.113e3	0.112		3.83		12.1	116.401			
14	15	6:2 FTS	427 > 407.0	3.996e3	1.676e3	0.112		3.98	3.98	29.8	91.796		2.30	NO
15	19	PFHpS	448.9 > 80.0	2.588e3	3.591e3	0.112		4.18	4.15	9.01	86.593		1.93	NO
16	21	PFNA	463.0 > 418.8	1.476e4	1.021e4	0.112		4.48	4.48	18.1	128.618		3.60	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.113e3		0.112	297.710	3.80	3.67	3110	93.574	83.6		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.113e3		0.112	297.710	3.80	3.67	3110	93.574	83.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.676e3		0.112	189.343	4.04	3.98	1680	79.211	70.8		
20	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.021e4		0.112	1024.035	4.68	4.48	10200	89.271	79.8		
22	-1													
23	16	L-PFOA	412.8 > 368.9	5.509e4	1.093e4	0.112		4.03	4.03	63.0	387.079		3.77	NO
24	1...	Total PFOA	412.8 > 368.9	5.509e4	1.093e4	0.112		4.20		63.0	387.079			
25	23	L-PFOS	499 > 80	6.028e3	3.591e3	0.112		4.56	4.56	21.0	185.532		2.07	NO
26	1...	Total PFOS	499 > 80	6.028e3	3.591e3	0.112		4.73		21.0	185.532			
27	22	PFOSA	498.0 > 78.0	2.757e3	2.594e3	0.112		4.52	4.52	13.3	125.082		28.3	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.093e4		0.112	1051.559	4.10	4.03	10900	93.064	83.2		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.093e4		0.112	1051.559	4.10	4.03	10900	93.064	83.2		
30	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		
31	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		
32	67	13C8-PFOSA-EIS	506. > 78	2.594e3		0.112	327.488	4.58	4.52	2590	70.881	63.4		
33	-1													
34	26	PFDA	513 > 468.8	1.359e4	1.050e4	0.112		4.86	4.86	16.2	93.485		4.88	NO
35	27	8:2 FTS	526.9 > 507.0	3.844e3	1.910e3	0.112		4.83	4.83	25.2	98.166		1.70	NO
36	29	L-MeFOSAA	570 > 419	5.566e3	7.778e3	0.112		5.01	5.01	8.95	82.175		2.68	NO

RR 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 14:05:19 Pacific Daylight Time

Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	5.566e3	7.778e3	0.112		5.17		8.95	82.175			
38	33	PFUdA	563.0 > 518.9	1.153e4	1.509e4	0.112		5.19	5.19	9.56	96.504		7.99	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.050e4		0.112	1015.350	4.90	4.86	10500	92.534	82.7		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.910e3		0.112	213.425	4.88	4.83	1910	80.081	71.6		
41	77	d3-N-MeFOSAA-EIS	573. > 419	7.778e3		0.112	959.325	5.25	5.01	7780	72.563	64.9		
42	77	d3-N-MeFOSAA-EIS	573. > 419	7.778e3		0.112	959.325	5.25	5.01	7780	72.563	64.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.509e4		0.112	1526.144	5.23	5.19	15100	88.479	79.1		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	5.671e3	6.105e3	0.112		5.17	5.18	11.6	102.403		1.39	NO
46	1...	Total N-EtFOSAA	583.9 > 419	5.671e3	6.105e3	0.112		5.33		11.6	102.403			
47	34	PFDS	599.0 > 80.0	2.189e3	3.591e3	0.112		5.22	5.24	7.62	74.894		1.36	NO
48	37	PFDoA	612.9 > 569.0	1.315e4	1.710e4	0.112		5.48	5.48	9.61	87.565		8.14	NO
49	39	PFTrDA	662.9 > 618.9	1.111e4	1.710e4	0.112		5.73	5.74	8.12	79.563		8.17	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.105e3		0.112	833.625	5.21	5.17	6100	65.544	58.6		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.105e3		0.112	833.625	5.21	5.17	6100	65.544	58.6		
52	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		
53	83	13C2-PFDoA-EIS	615 > 570	1.710e4		0.112	1936.260	5.51	5.48	17100	79.048	70.7		
54	83	13C2-PFDoA-EIS	615 > 570	1.710e4		0.112	1936.260	5.51	5.48	17100	79.048	70.7		
55	-1													
56	41	PFTeDA	713.0 > 669.0	1.161e4	8.639e3	0.112		5.96	5.96	16.8	95.550		13.2	NO
57	38	N-MeFOSA	512.1 > 168.9	1.132e3	3.287e3	0.112		5.50	5.48	51.4	449.656		1.35	NO
58	42	N-EtFOSA	526.1 > 168.9	1.235e3	4.499e3	0.112		5.96	5.96	41.0	415.921		1.53	NO
59	43	PFHxDA	813.1 > 768.6	4.059e3	8.033e3	0.112		6.31	6.31	6.32	93.541		24.1	NO
60	45	N-MeFOSE	616.1 > 58.9	1.679e3	5.014e3	0.112		6.23	6.24	49.9	447.931			
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.639e3		0.112	1229.760	5.98	5.96	8640	62.874	56.2		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.287e3		0.112	89.439	5.60	5.51	3290	328.951	24.6		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.499e3		0.112	145.327	6.03	5.98	4500	277.055	20.7		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.033e3		0.112	1833.619	6.55	6.31	8030	39.208	35.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.014e3		0.112	57.460	6.23	6.23	5010	780.988	58.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	2.014e3	5.785e3	0.112		6.38	6.39	51.9	442.920			
68	1...	TDCA	498.3>106.9			0.112		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		
70	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		
71	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.785e3		0.112	67.369	6.38	6.38	5780	768.544	57.6		

RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 14:05:19 Pacific Daylight Time

Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.112	323.537	4.88	4.56	3590	99.336	88.8		

RK 6/30/2020

Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
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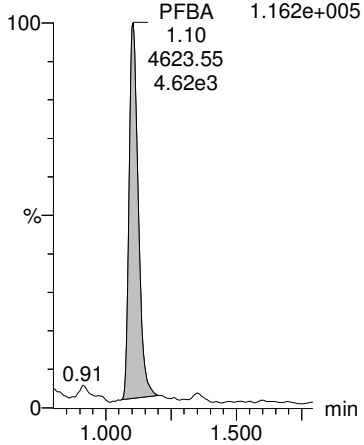
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

PFBA



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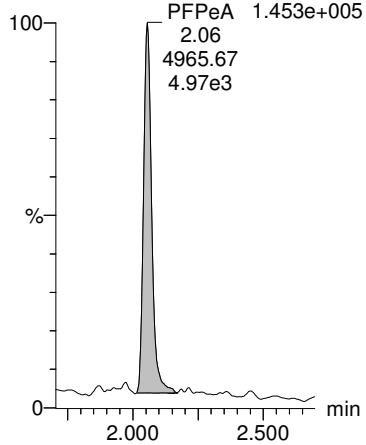

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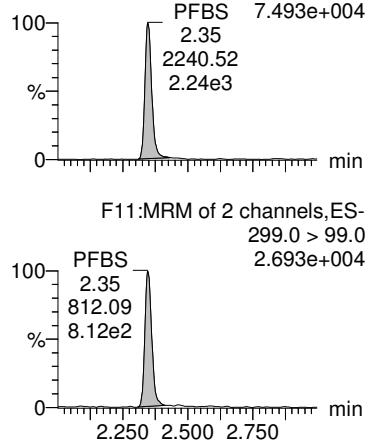

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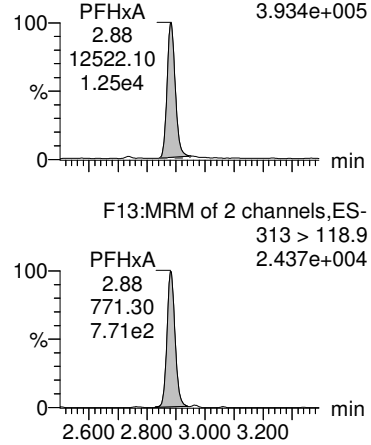

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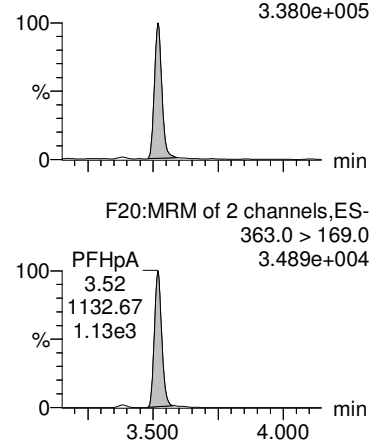

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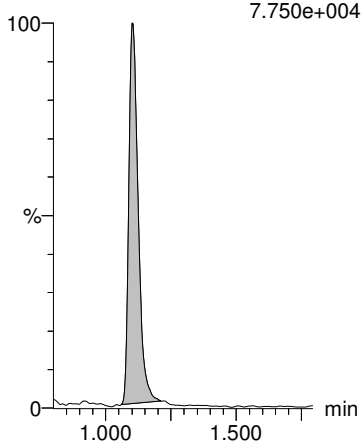

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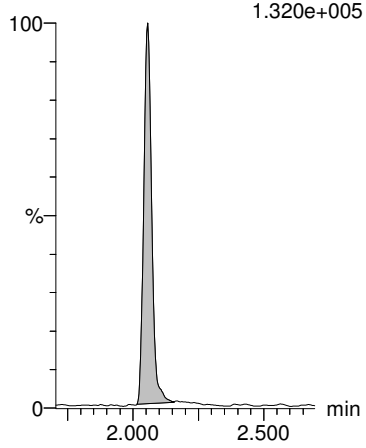

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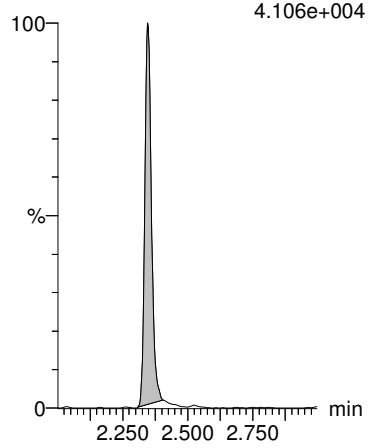

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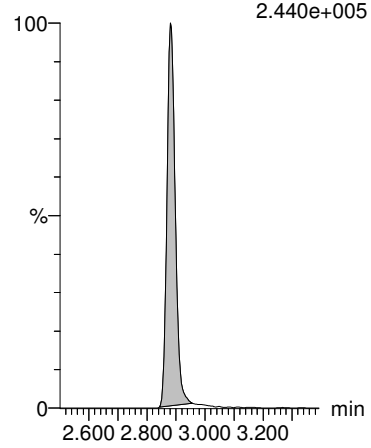

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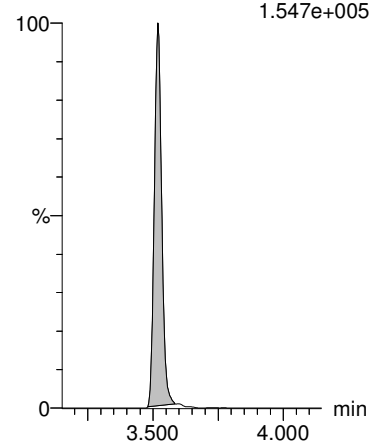

RK 6/30/2020

Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
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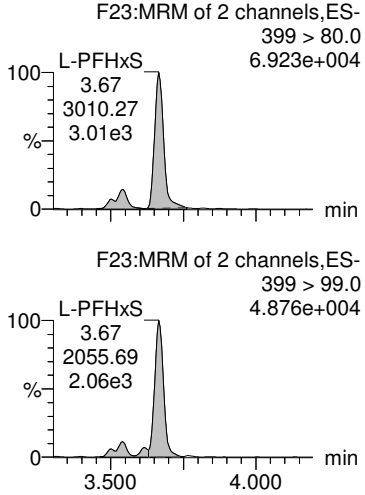
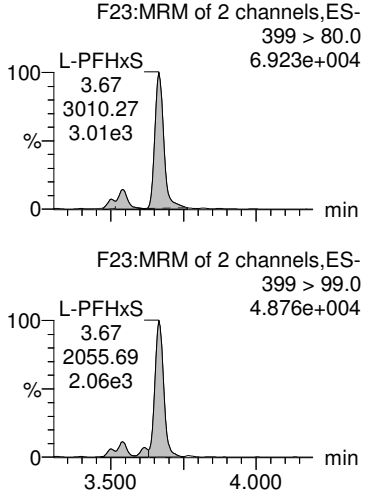
Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

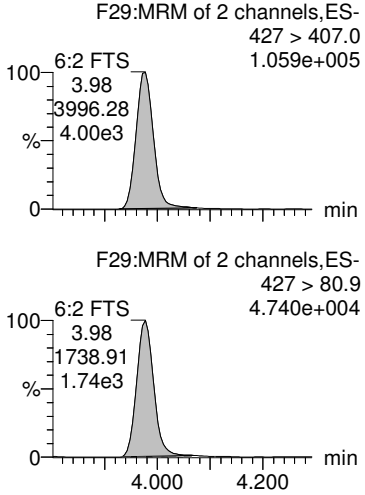
L-PFHxS



Total PFHxS



6:2 FTS



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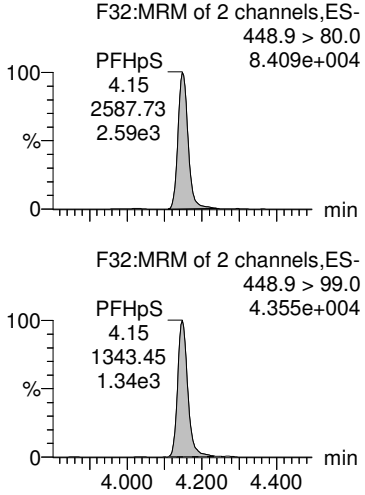

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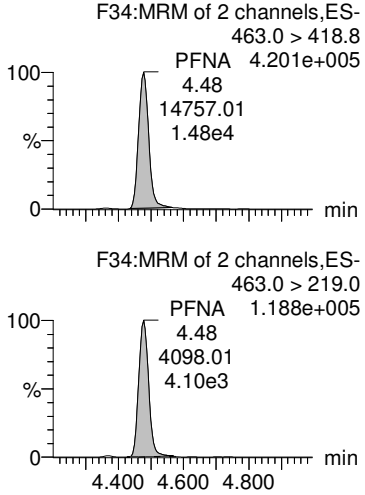

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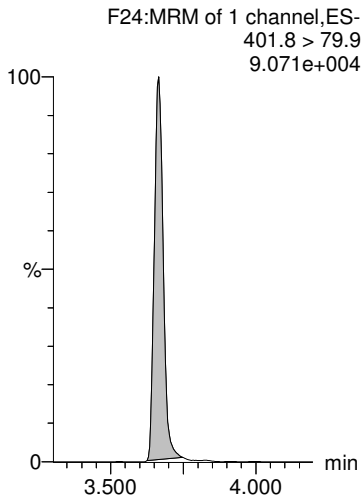

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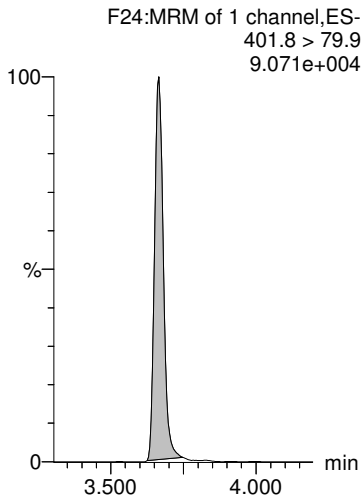

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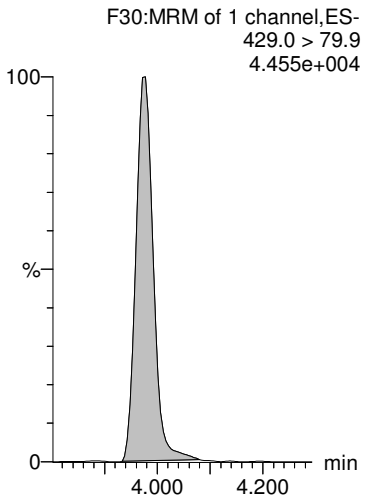

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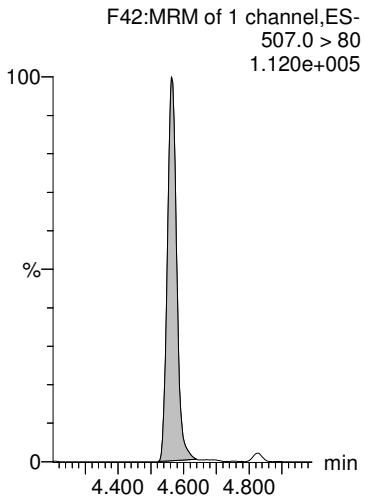

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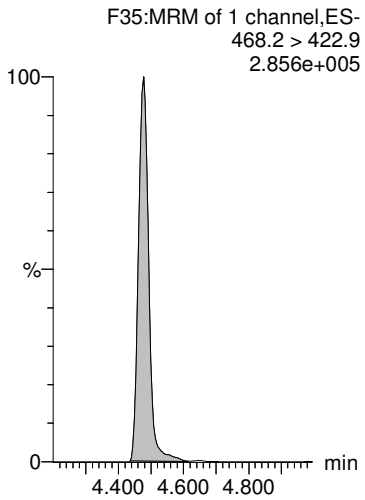

RK 6/30/2020

Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
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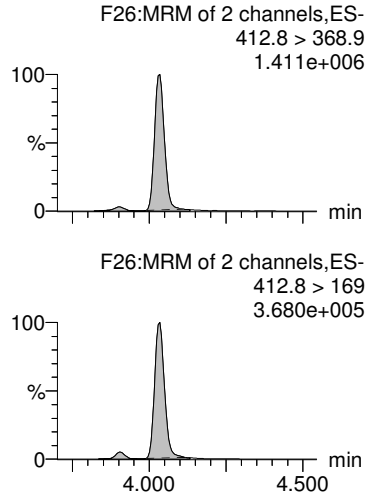
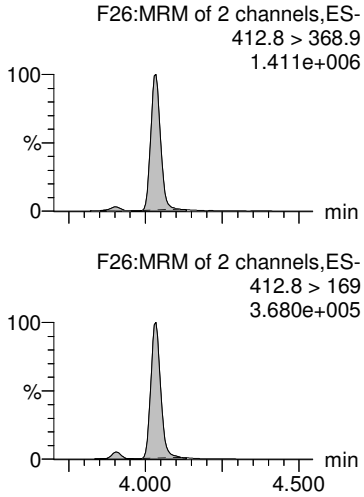
Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

L-PFOA



Total PFOA



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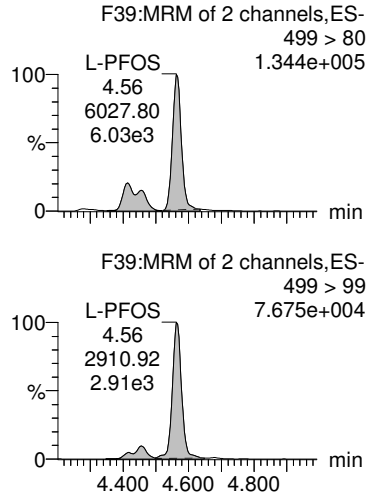

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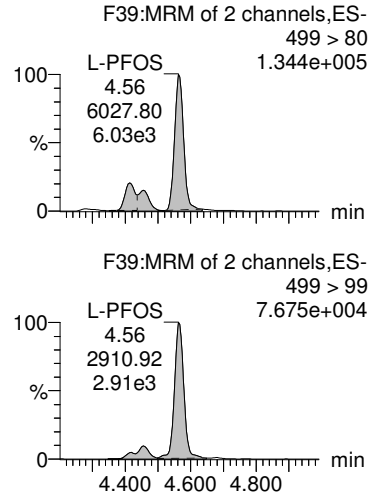
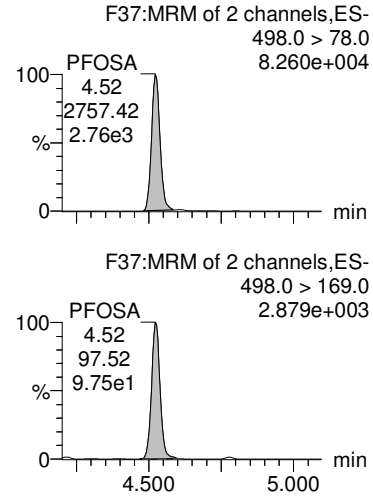
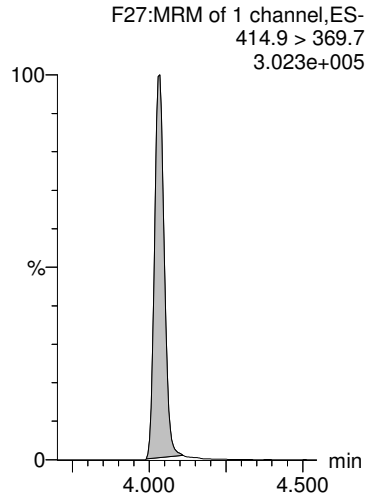


PFOSA



13C2-PFOA-EIS



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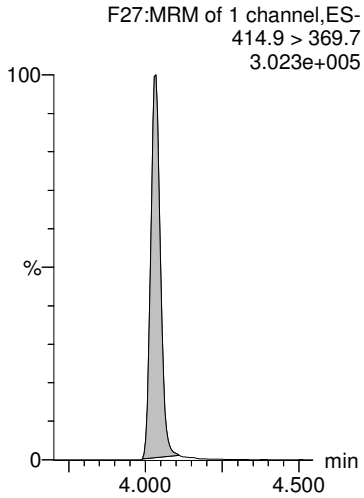

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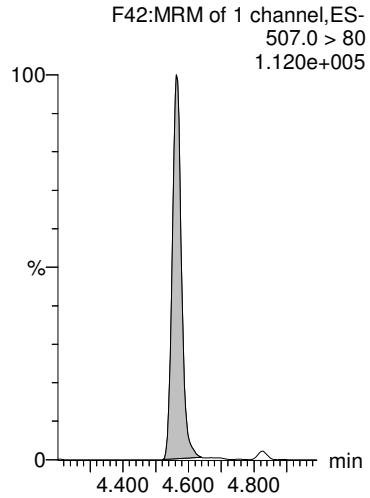

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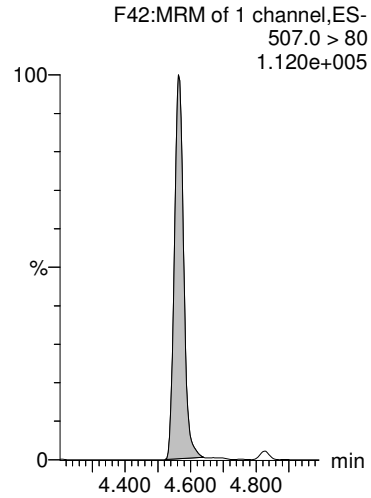

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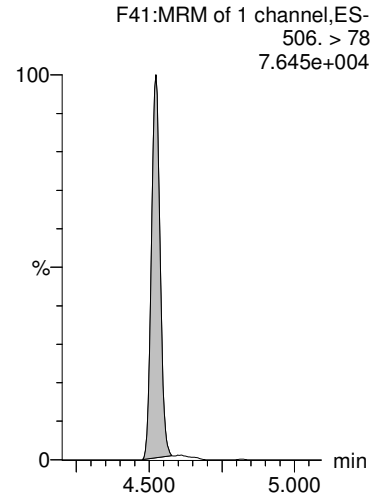

RK 6/30/2020

Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
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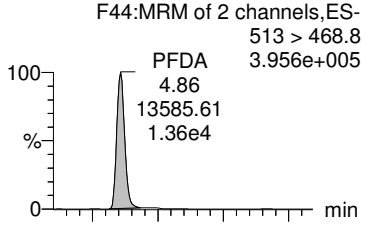
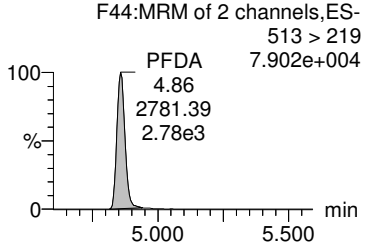
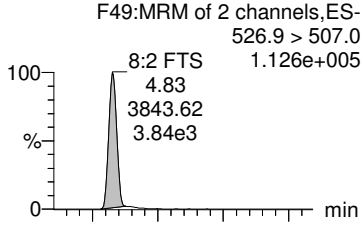
Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

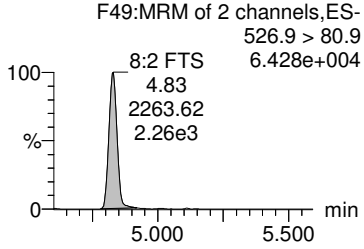
PFDA



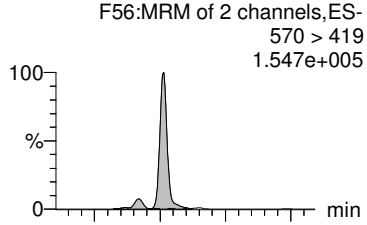


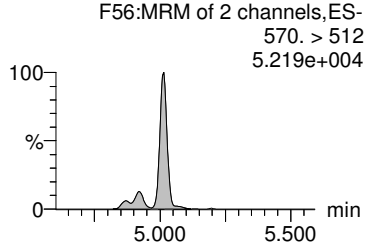
8:2 FTS



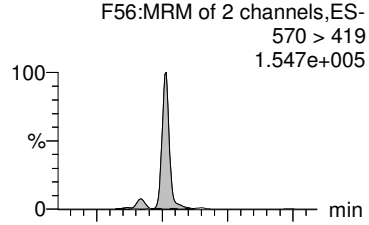


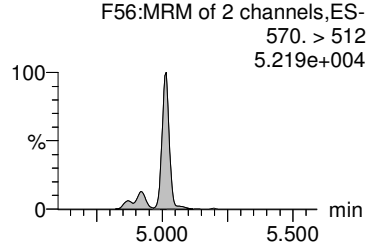
L-MeFOSAA



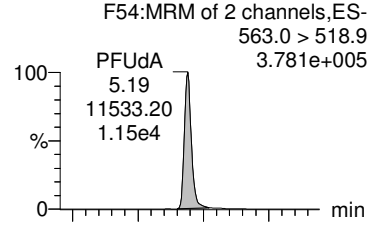


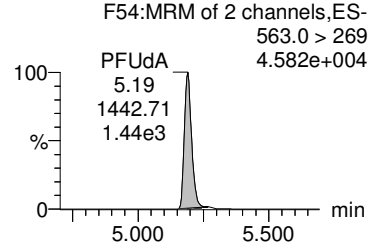
Total N-MeFOSAA



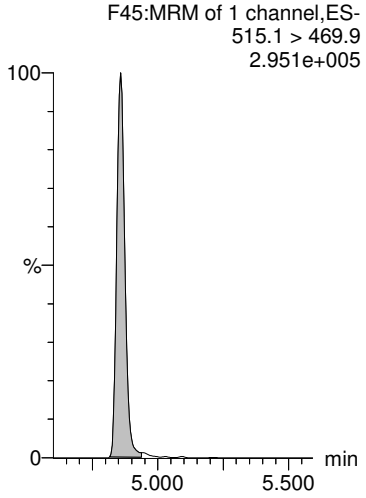


PFUdA

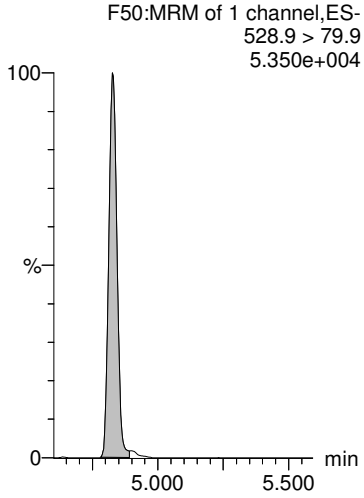




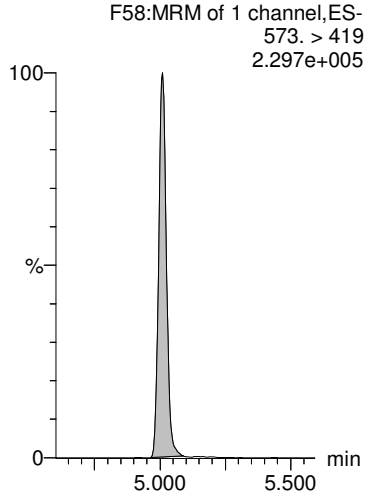
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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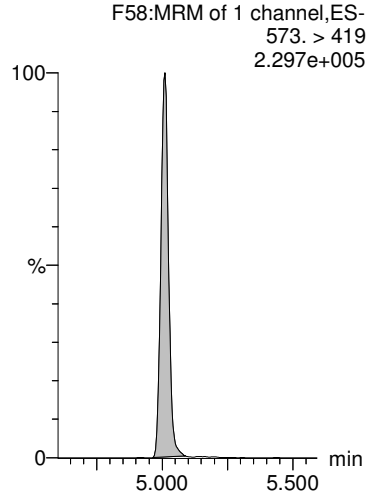
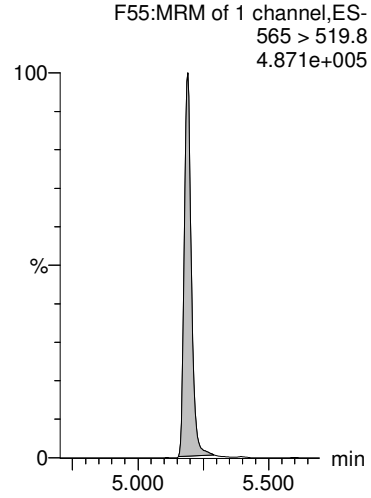


13C2-PFUdA-EIS



RK 6/30/2020

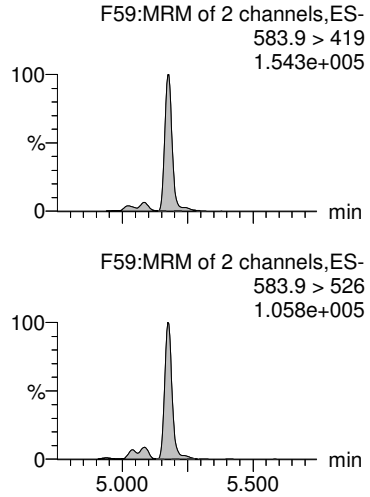
Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

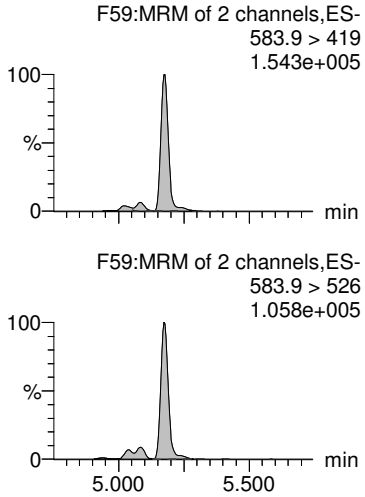
Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 14:05:19 Pacific Daylight Time

Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

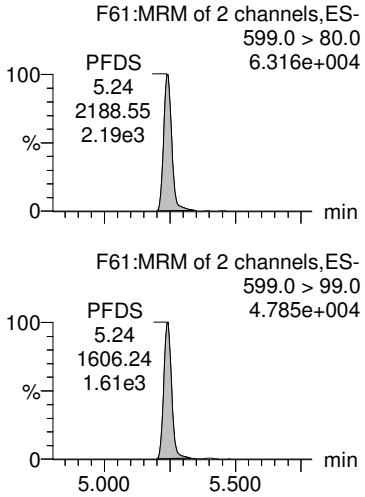
L-EtFOSAA



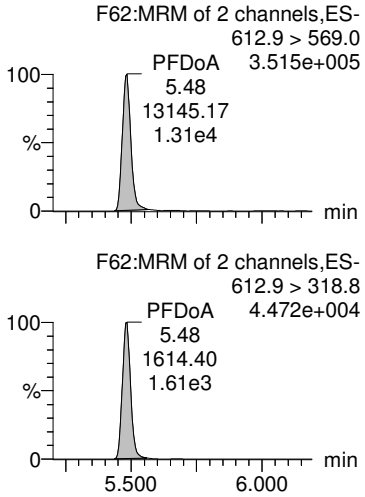
Total N-EtFOSAA



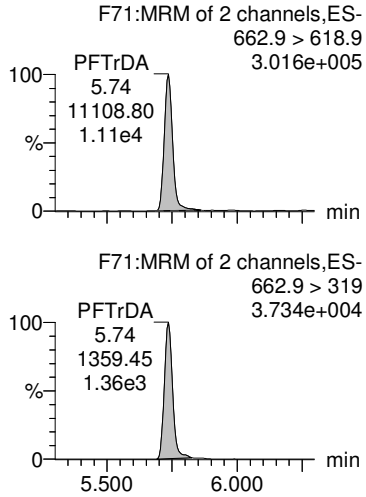
PFDS



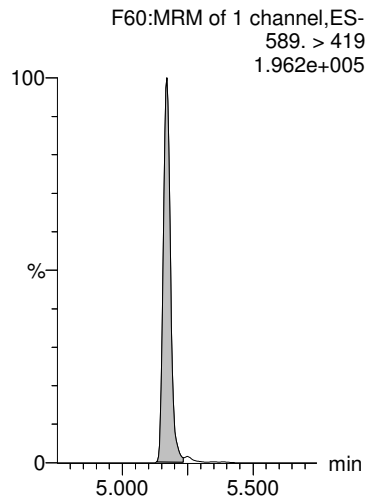
PFDoA



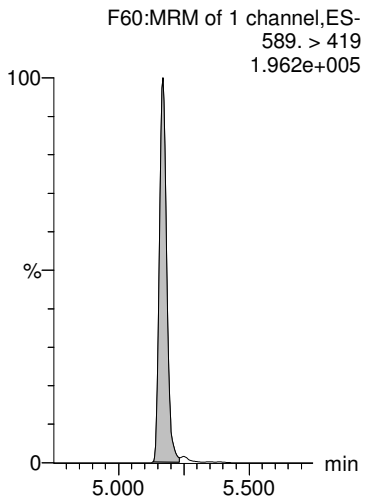
PFTrDA



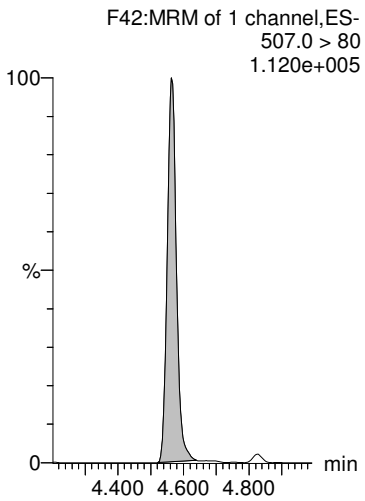
d5-N-EtFOSAA-EIS



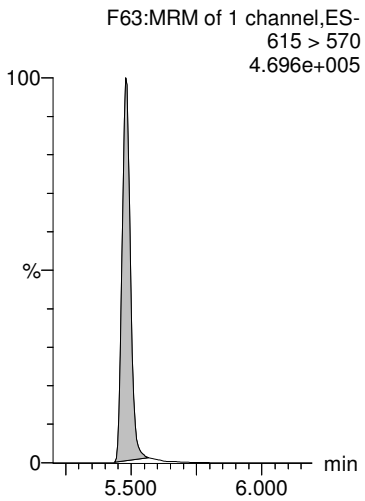
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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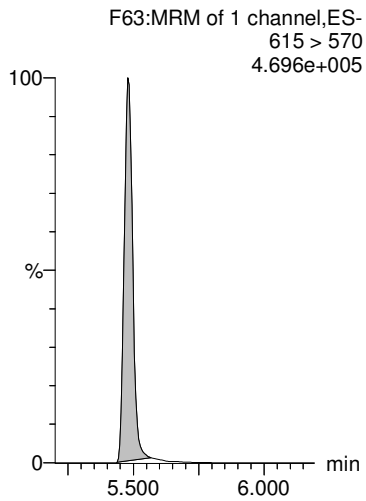


RK 6/30/2020

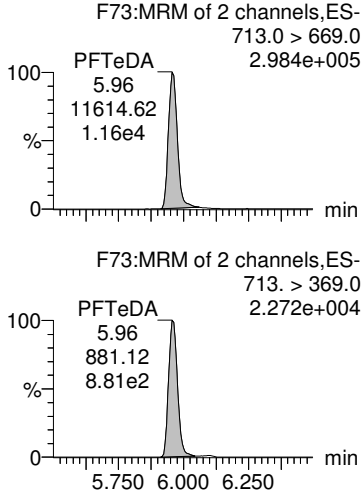
Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

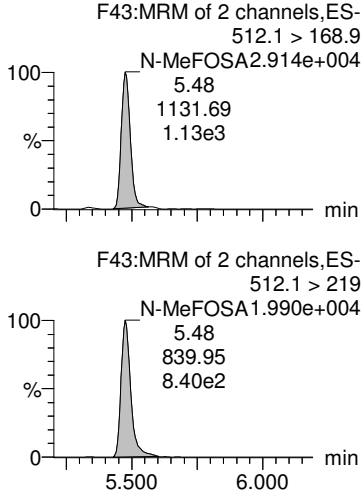
Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 14:05:19 Pacific Daylight Time

Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

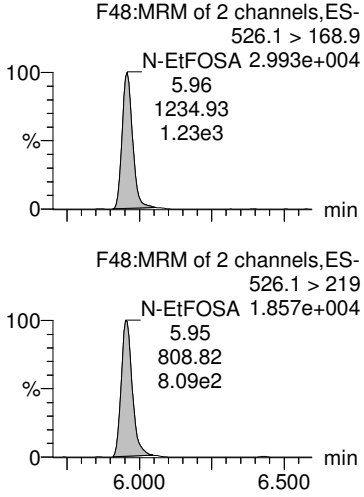
PFTeDA



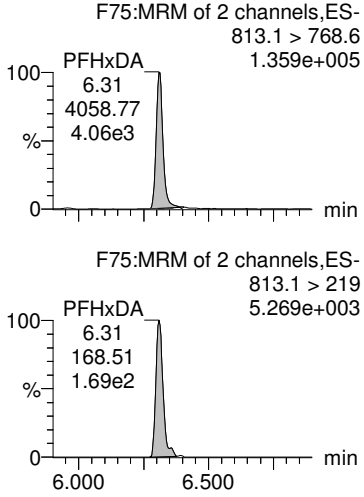
N-MeFOSA



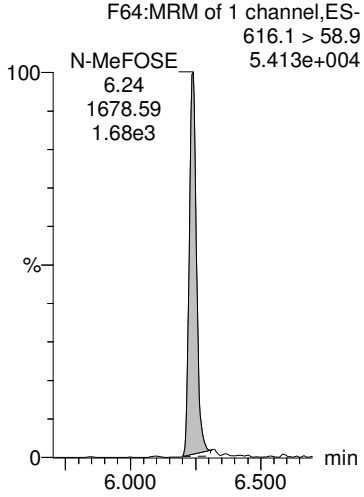
N-EtFOSA



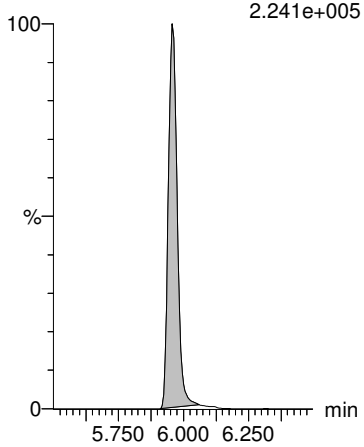
PFHxDA



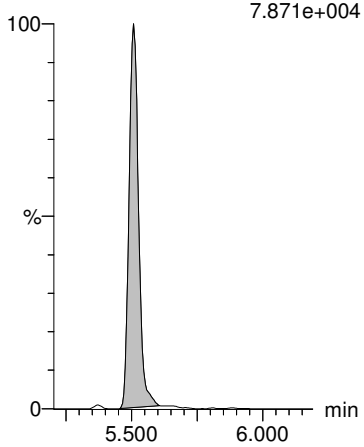
N-MeFOSE



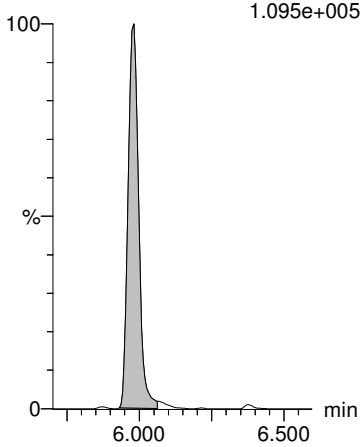
13C2-PFTeDA-EIS



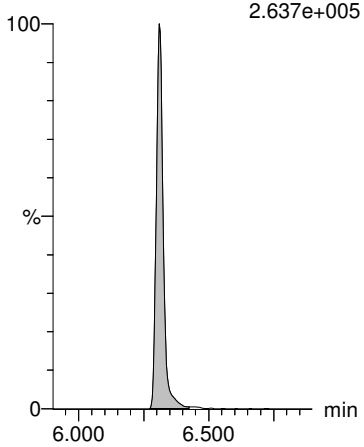
d3-N-MeFOSA-EIS



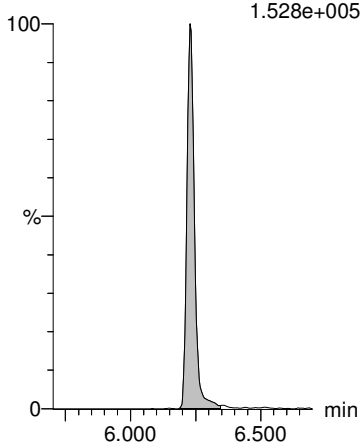
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



RK 6/30/2020

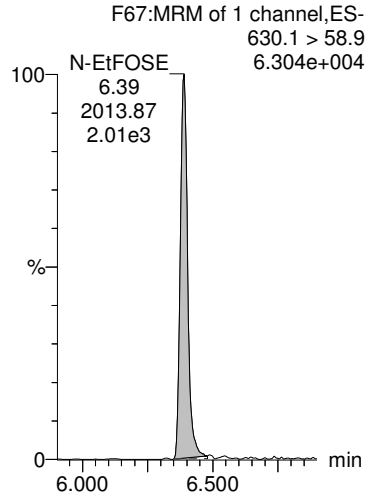
Review: AMR 6/30/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-46.qld

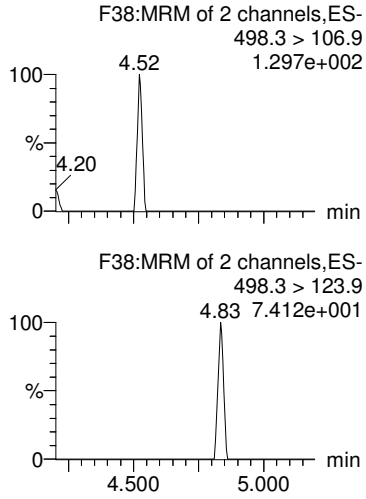
Last Altered: Friday, June 26, 2020 16:43:12 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 14:05:19 Pacific Daylight Time

Name: 200623M1_46, Date: 23-Jun-2020, Time: 20:07:55, ID: B0F0146-MS2 Matrix Spike 0.11173, Description: Matrix Spike

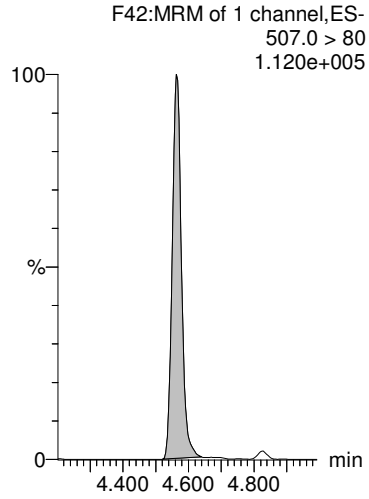
N-EtFOSE



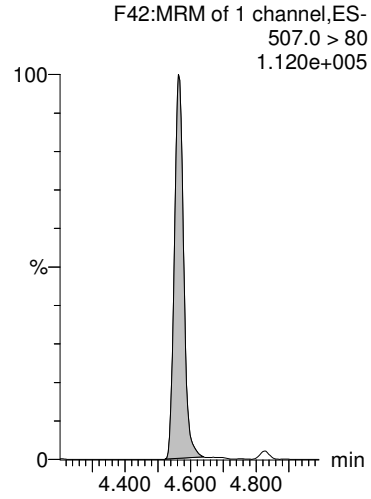
TDCA



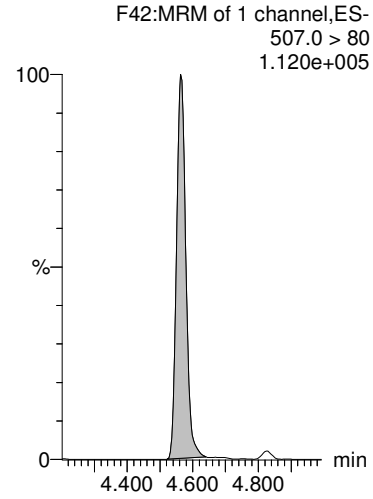
13C8-PFOS-EIS



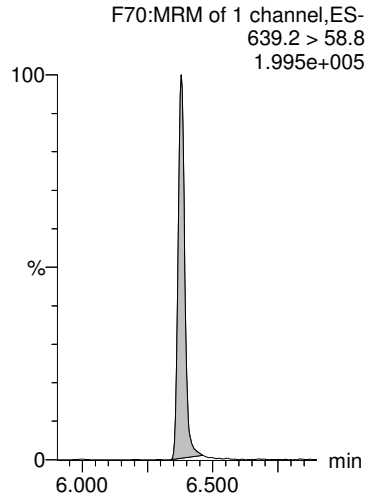
13C8-PFOS-EIS



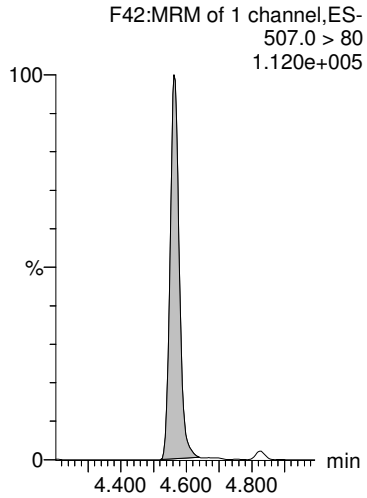
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/30/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4.334e3	2.991e3	0.107		1.10	1.10	18.1	111.308			
2	4	PFPeA	263.1 > 218.9	4.473e3	4.258e3	0.107		2.05	2.06	13.1	131.586			
3	5	PFBS	299.0 > 79.7	2.026e3	1.190e3	0.107		2.35	2.35	21.3	97.071		2.61	NO
4	7	PFHxA	313.0 > 269.0	1.206e4	7.774e3	0.107		2.88	2.88	19.4	159.126		16.1	NO
5	11	PFHpA	363.0 > 318.9	9.867e3	4.887e3	0.107		3.52	3.52	25.2	190.657		8.91	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.991e3		0.107	211.507	0.84	1.10	2990	131.636	113.1		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.258e3		0.107	430.335	2.06	2.05	4260	92.112	79.2		
8	51	13C3-PFBS-EIS	302.0 > 99	1.190e3		0.107	119.139	2.49	2.35	1190	92.997	79.9		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.774e3		0.107	810.703	3.06	2.88	7770	89.272	76.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.887e3		0.107	538.644	3.59	3.52	4890	84.468	72.6		
11	-1													
12	13	L-PFHxS	399 > 80.0	2.957e3	2.917e3	0.107		3.67	3.67	12.7	126.894		1.63	NO
13	1...	Total PFHxS	399 > 80	2.957e3	2.917e3	0.107		3.83		12.7	126.894			
14	15	6:2 FTS	427 > 407.0	3.441e3	1.462e3	0.107		3.97	3.97	29.4	94.240		2.03	NO
15	19	PFHpS	448.9 > 80.0	2.428e3	2.997e3	0.107		4.19	4.15	10.1	101.351		1.97	NO
16	21	PFNA	463.0 > 418.8	1.540e4	9.945e3	0.107		4.48	4.48	19.4	143.347		3.84	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.917e3		0.107	297.710	3.80	3.67	2920	91.200	78.4		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.917e3		0.107	297.710	3.80	3.67	2920	91.200	78.4		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.462e3		0.107	189.343	4.04	3.97	1460	71.883	61.8		
20	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.945e3		0.107	1024.035	4.68	4.48	9940	90.405	77.7		
22	-1													
23	16	L-PFOA	412.8 > 368.9	5.021e4	1.044e4	0.107		4.03	4.03	60.1	384.359		3.69	NO
24	1...	Total PFOA	412.8 > 368.9	5.021e4	1.044e4	0.107		4.20		60.1	384.359			
25	23	L-PFOS	499 > 80	5.748e3	2.997e3	0.107		4.57	4.57	24.0	220.452		2.22	NO
26	1...	Total PFOS	499 > 80	5.748e3	2.997e3	0.107		4.73		24.0	220.452			
27	22	PFOSA	498.0 > 78.0	2.545e3	2.482e3	0.107		4.52	4.52	12.8	125.440		29.9	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.044e4		0.107	1051.559	4.10	4.03	10400	92.439	79.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.044e4		0.107	1051.559	4.10	4.03	10400	92.439	79.4		
30	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		
31	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		
32	67	13C8-PFOSA-EIS	506. > 78	2.482e3		0.107	327.488	4.58	4.52	2480	70.568	60.6		
33	-1													
34	26	PFDA	513 > 468.8	1.289e4	9.903e3	0.107		4.86	4.86	16.3	97.805		5.91	NO
35	27	8:2 FTS	526.9 > 507.0	3.652e3	1.930e3	0.107		4.83	4.83	23.7	95.977		1.56	NO
36	29	L-MeFOSAA	570 > 419	5.542e3	7.257e3	0.107		5.01	5.01	9.55	91.184		2.82	NO

RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	5.542e3	7.257e3	0.107		5.17		9.55	91.184			
38	33	PFUdA	563.0 > 518.9	1.053e4	1.266e4	0.107		5.19	5.19	10.4	109.239		9.31	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.903e3		0.107	1015.350	4.90	4.86	9900	90.797	78.0		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.930e3		0.107	213.425	4.88	4.83	1930	84.180	72.3		
41	77	d3-N-MeFOSAA-EIS	573. > 419	7.257e3		0.107	959.325	5.25	5.01	7260	70.422	60.5		
42	77	d3-N-MeFOSAA-EIS	573. > 419	7.257e3		0.107	959.325	5.25	5.01	7260	70.422	60.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.266e4		0.107	1526.144	5.23	5.19	12700	77.234	66.4		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	4.621e3	5.907e3	0.107		5.17	5.18	9.78	89.834		1.21	NO
46	1...	Total N-EtFOSAA	583.9 > 419	4.621e3	5.907e3	0.107		5.33		9.78	89.834			
47	34	PFDS	599.0 > 80.0	2.026e3	2.997e3	0.107		5.23	5.24	8.45	86.370		1.39	NO
48	37	PFDoA	612.9 > 569.0	1.228e4	1.603e4	0.107		5.48	5.48	9.57	90.718		8.25	NO
49	39	PFTrDA	662.9 > 618.9	1.114e4	1.603e4	0.107		5.73	5.73	8.69	88.560		8.90	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.907e3		0.107	833.625	5.21	5.17	5910	65.960	56.7		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.907e3		0.107	833.625	5.21	5.17	5910	65.960	56.7		
52	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		
53	83	13C2-PFDoA-EIS	615 > 570	1.603e4		0.107	1936.260	5.51	5.48	16000	77.086	66.2		
54	83	13C2-PFDoA-EIS	615 > 570	1.603e4		0.107	1936.260	5.51	5.48	16000	77.086	66.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0	1.208e4	9.379e3	0.107		5.96	5.96	16.1	95.196		14.2	NO
57	38	N-MeFOSA	512.1 > 168.9	9.120e2	2.531e3	0.107		5.50	5.48	53.8	489.812		1.55	NO
58	42	N-EtFOSA	526.1 > 168.9	8.777e2	3.303e3	0.107		5.96	5.96	39.6	418.743		1.33	NO
59	43	PFHxDA	813.1 > 768.6	7.557e3	1.380e4	0.107		6.31	6.31	6.85	105.567		21.4	NO
60	45	N-MeFOSE	616.1 > 58.9	1.684e3	4.454e3	0.107		6.23	6.24	56.4	526.188			
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	9.379e3		0.107	1229.760	5.98	5.96	9380	70.999	61.0		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.531e3		0.107	89.439	5.60	5.51	2530	263.417	19.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.303e3		0.107	145.327	6.03	5.98	3300	211.590	15.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.380e4		0.107	1833.619	6.55	6.31	13800	70.045	60.2		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.454e3		0.107	57.460	6.23	6.23	4450	721.565	52.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	1.933e3	5.344e3	0.107		6.38	6.39	54.0	478.748			
68	1...	TDCA	498.3>106.9			0.107		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		
70	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		
71	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.344e3		0.107	67.369	6.38	6.38	5340	738.495	53.2		

RK 6/26/2020

Vista Analytical Laboratory L26

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.997e3		0.107	323.537	4.88	4.57	3000	86.222	74.1		

RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 16:55:46
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

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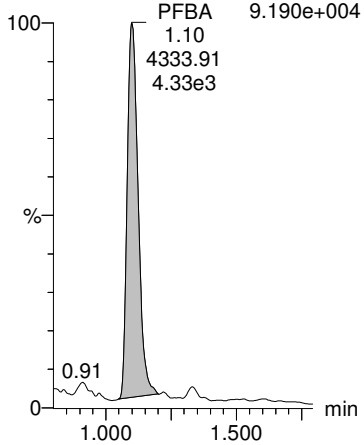

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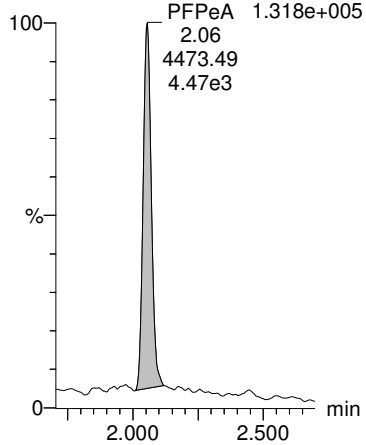

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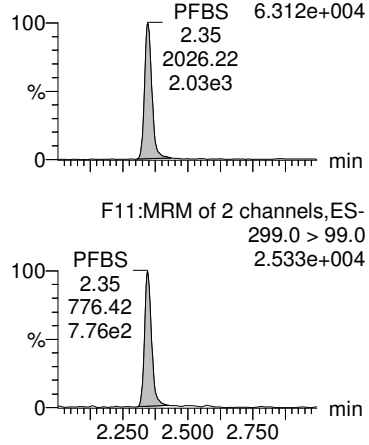

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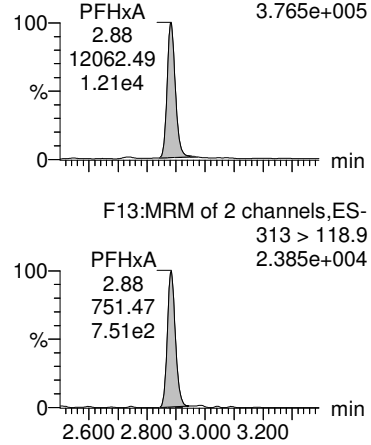

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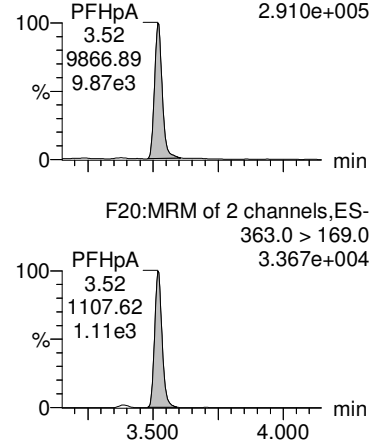

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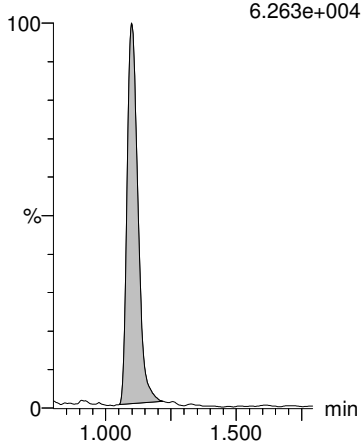

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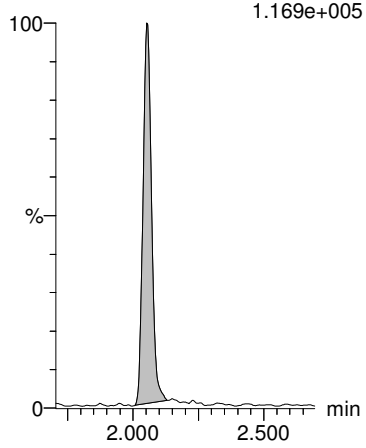

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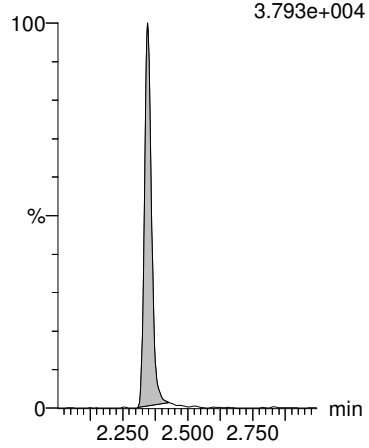

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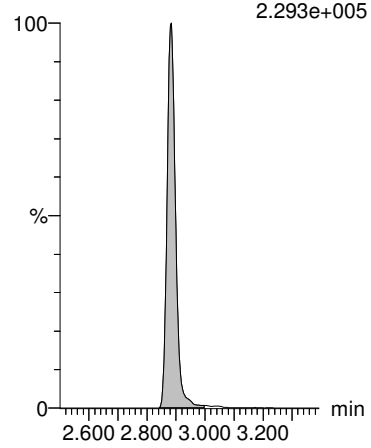

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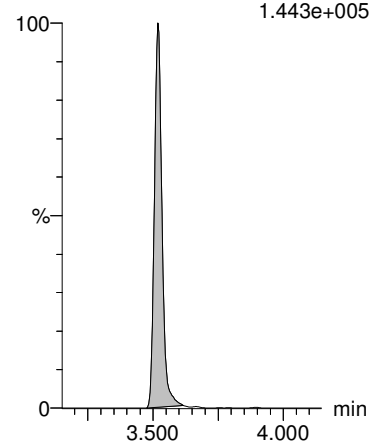


RK 6/26/2020

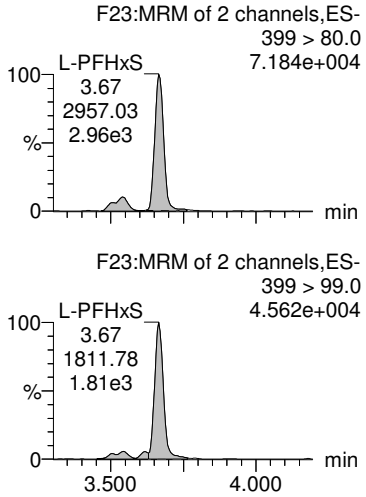
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

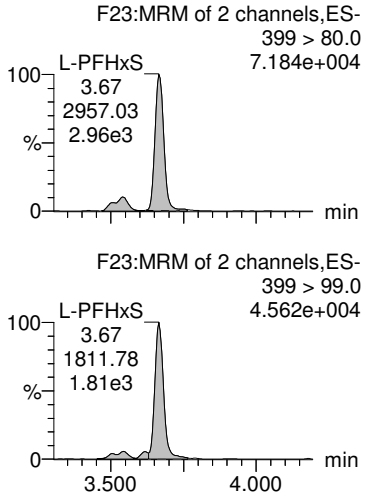
Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

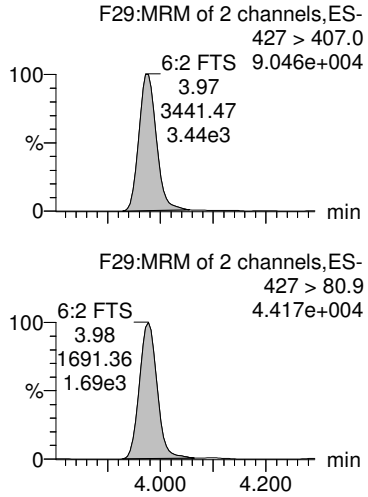
L-PFHxS



Total PFHxS



6:2 FTS



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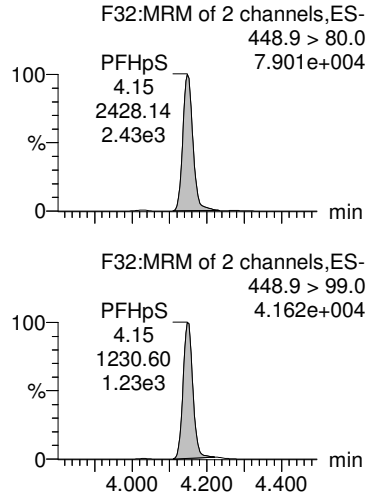

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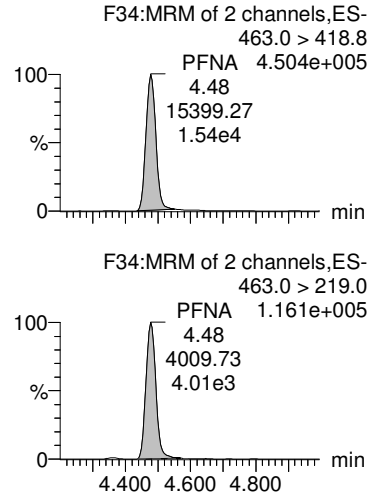

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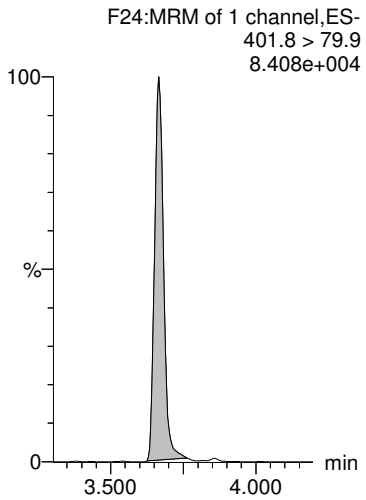

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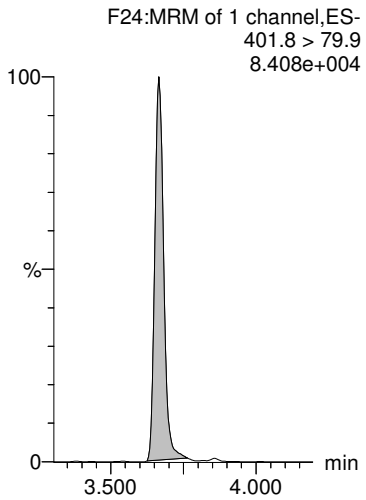

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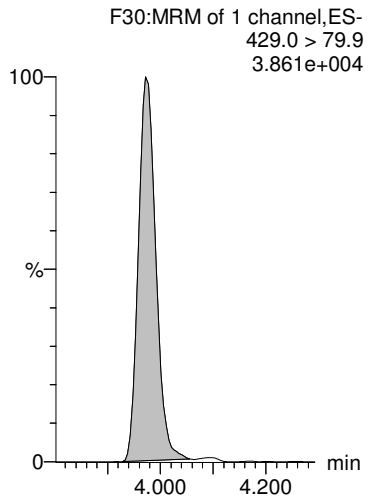

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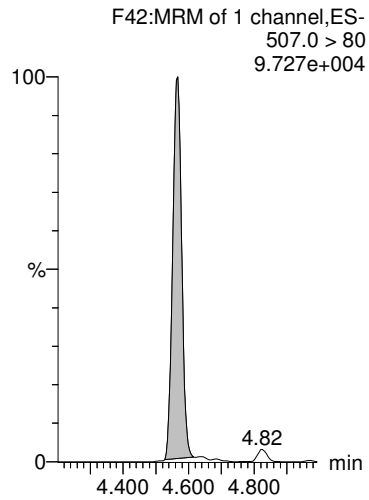

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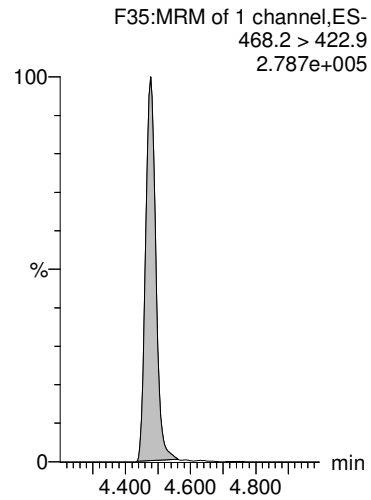


RK 6/26/2020

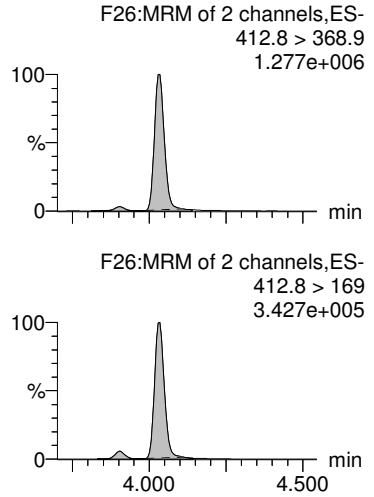
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

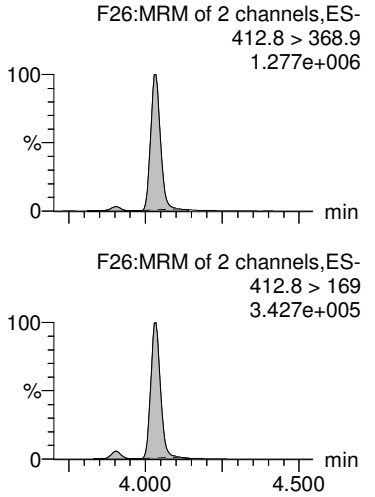
Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

L-PFOA



Total PFOA



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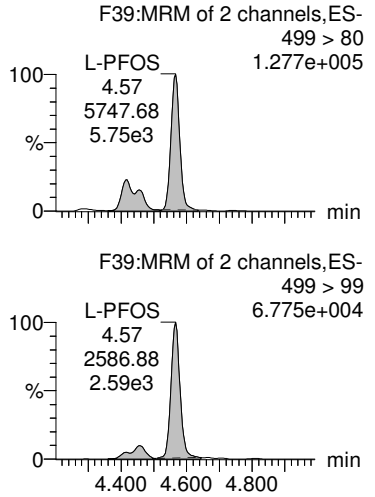
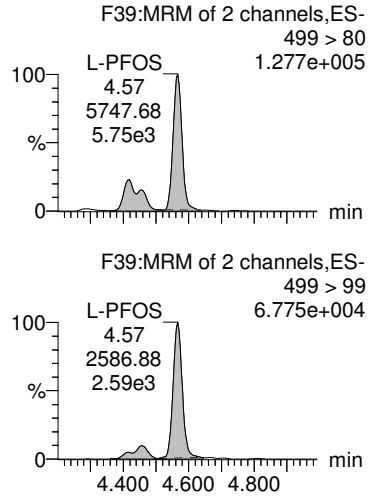


Total PFOS



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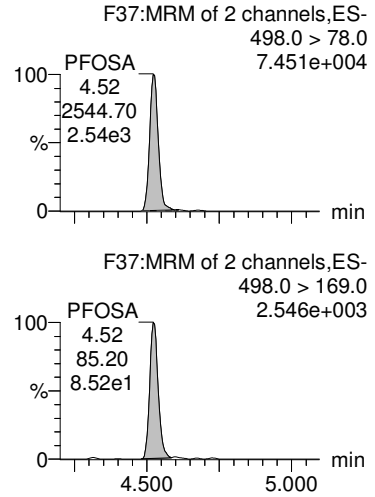
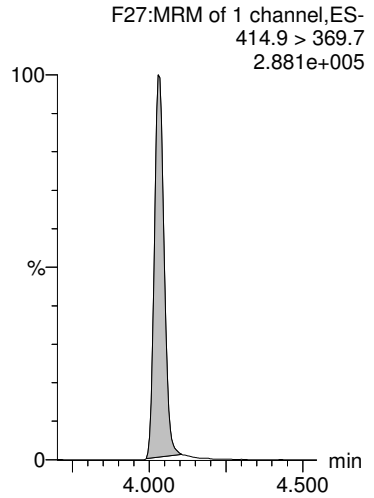


13C2-PFOA-EIS



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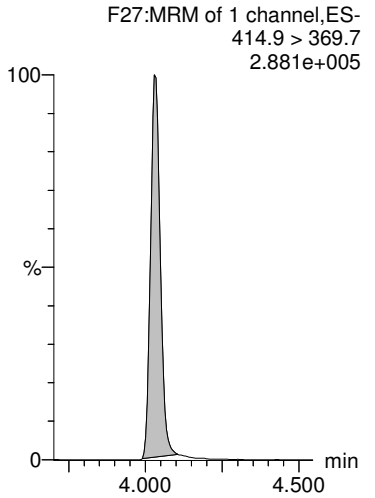

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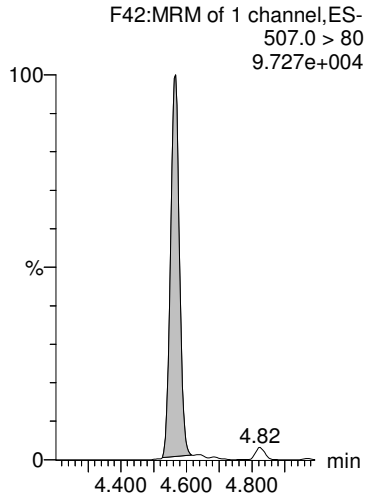

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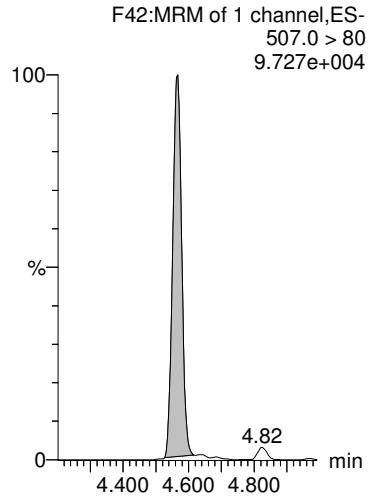

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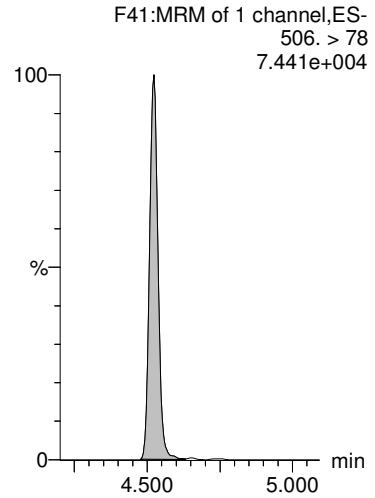

RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
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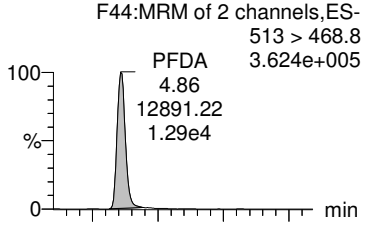
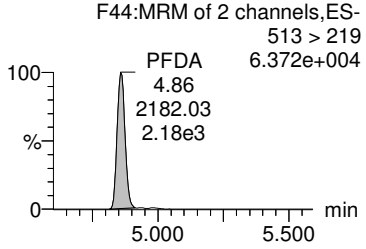
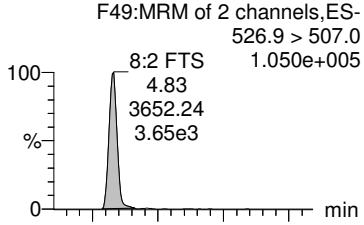
Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

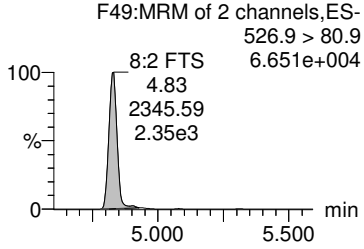
PFDA



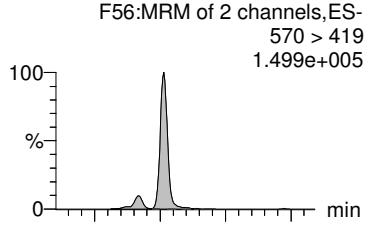


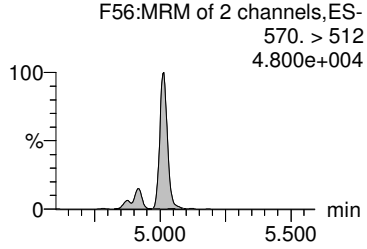
8:2 FTS



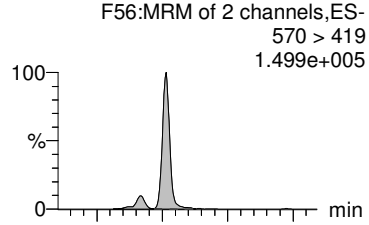


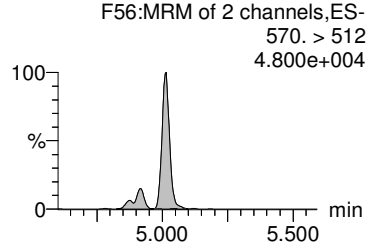
L-MeFOSAA



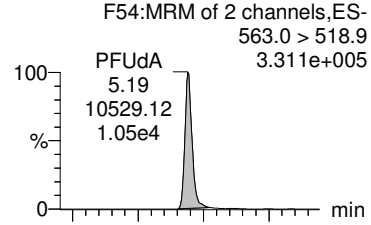


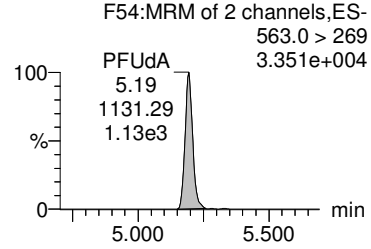
Total N-MeFOSAA



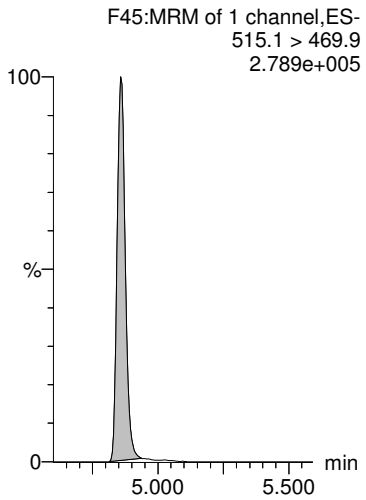


PFUdA

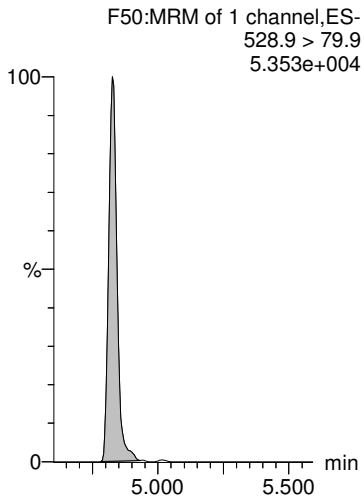




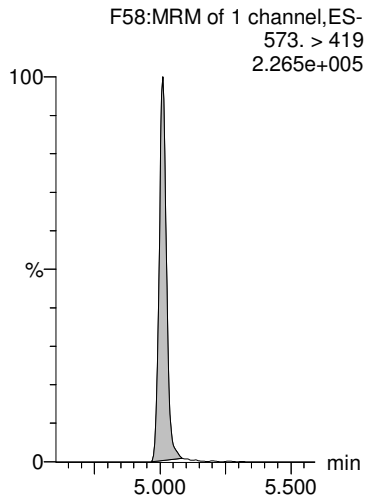
13C2-PFDA-EIS



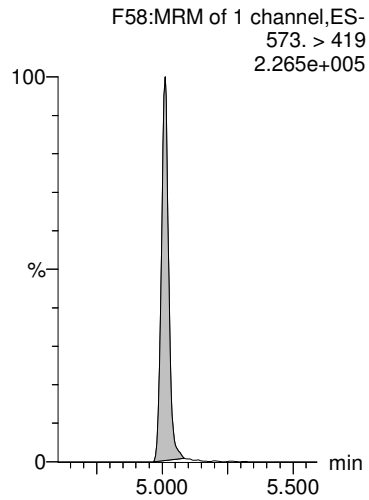
13C2-8:2 FTS-EIS



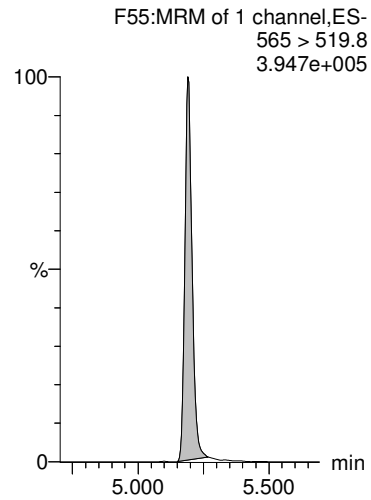
d3-N-MeFOSAA-EIS



d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



RK 6/26/2020

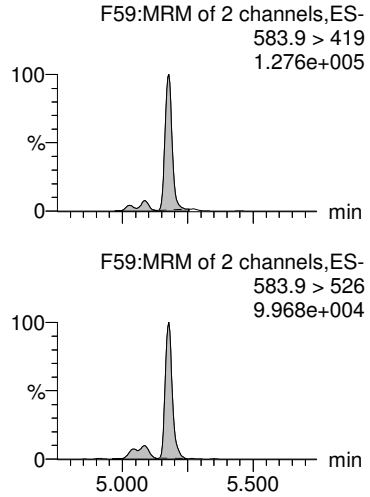
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

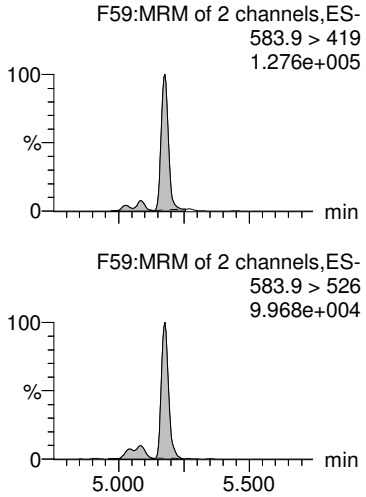
Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

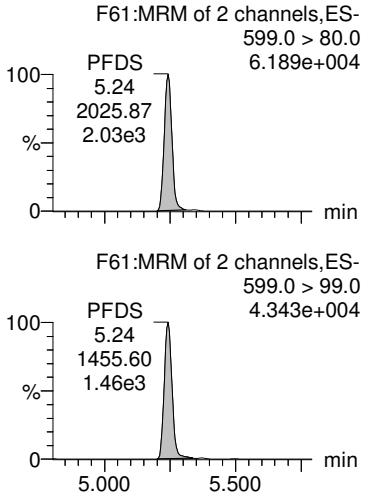
L-EtFOSAA



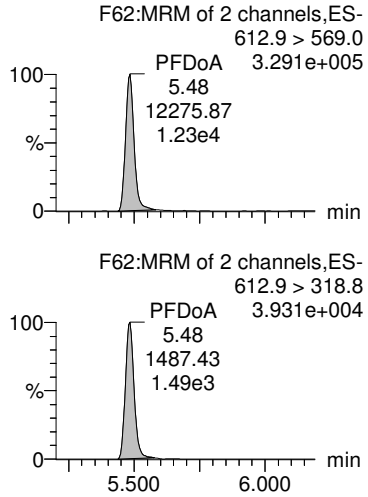
Total N-EtFOSAA



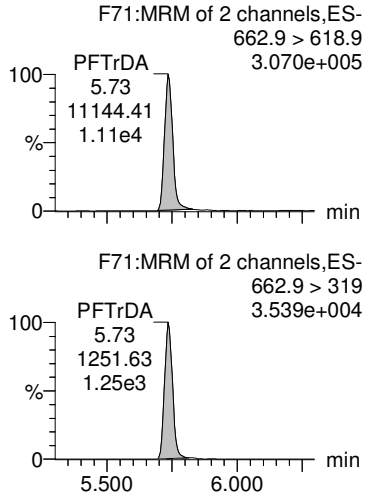
PFDS



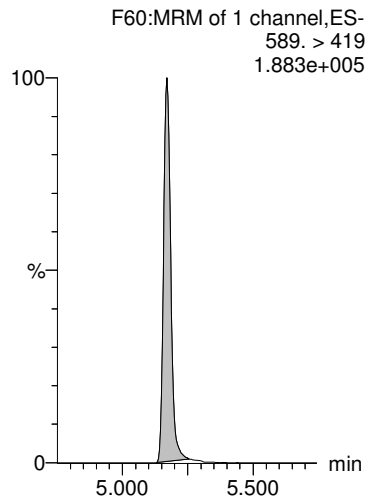
PFDoA



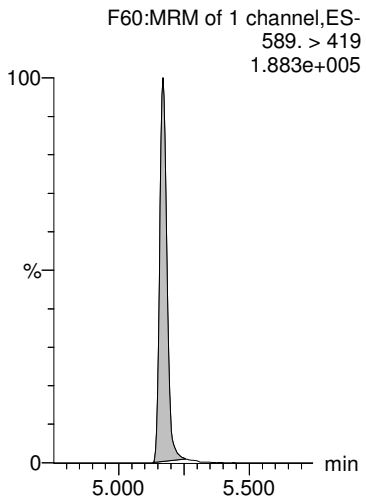
PFTrDA



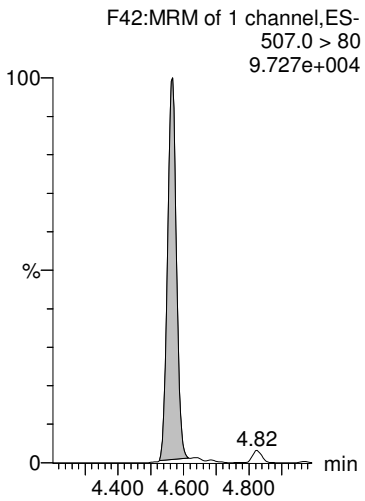
d5-N-EtFOSAA-EIS



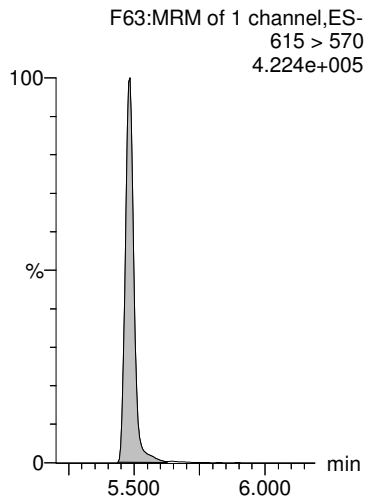
d5-N-EtFOSAA-EIS



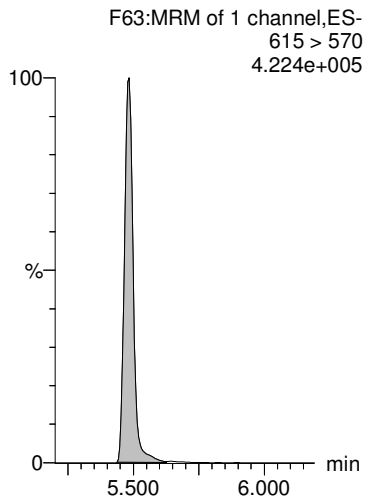
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS



RK 6/26/2020

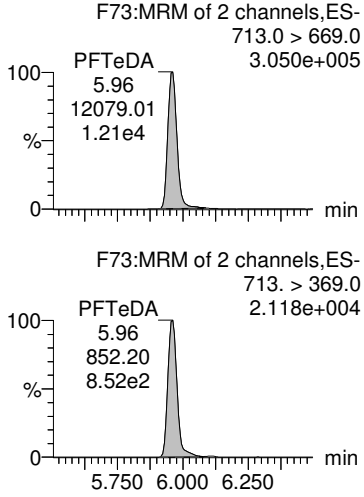
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

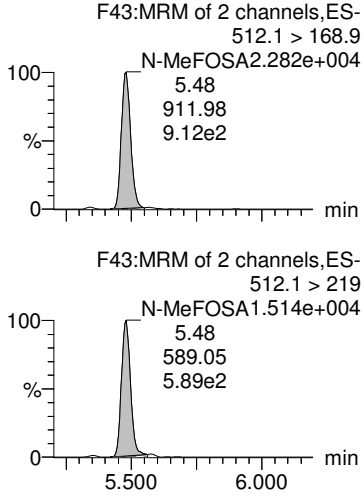
Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

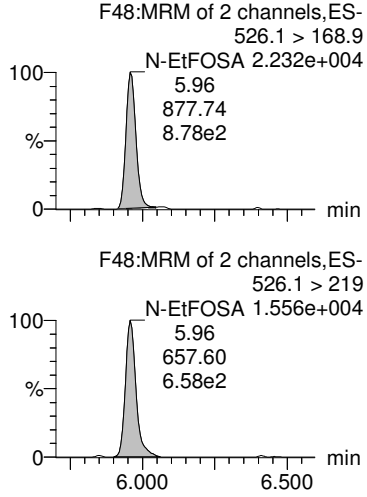
PFTeDA



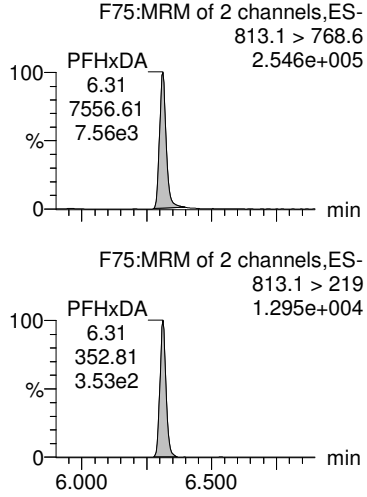
N-MeFOSA



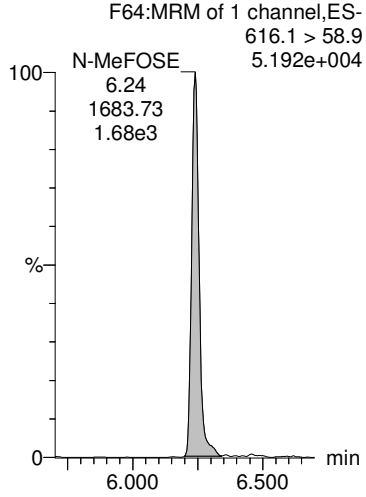
N-EtFOSA



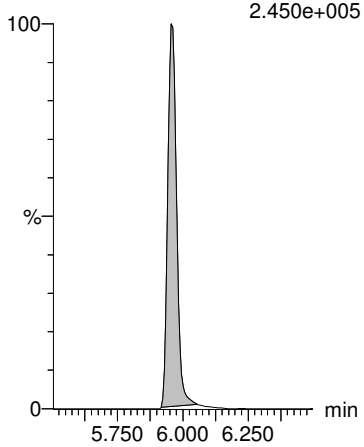
PFHxDA



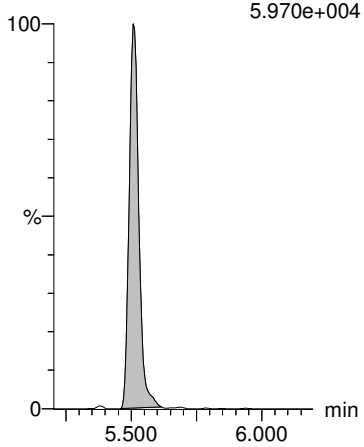
N-MeFOSE



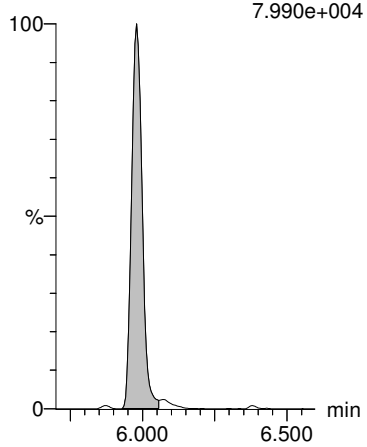
13C2-PFTeDA-EIS



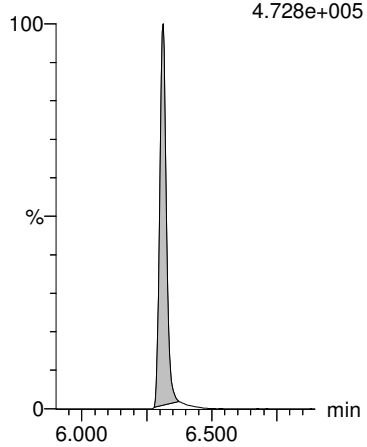
d3-N-MeFOSA-EIS



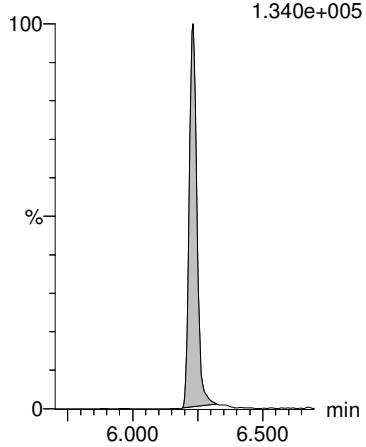
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



RK 6/26/2020

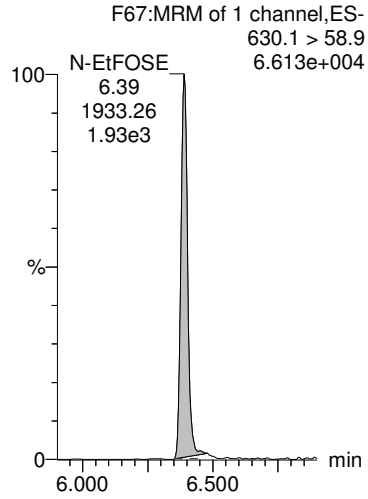
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-48.qld

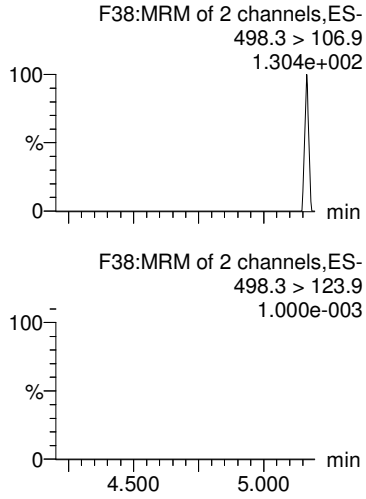
Last Altered: Friday, June 26, 2020 17:04:46 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:08:30 Pacific Daylight Time

Name: 200623M1_48, Date: 23-Jun-2020, Time: 20:28:40, ID: B0F0146-MSD2 Matrix Spike Dup 0.10742, Description: Matrix Spike Dup

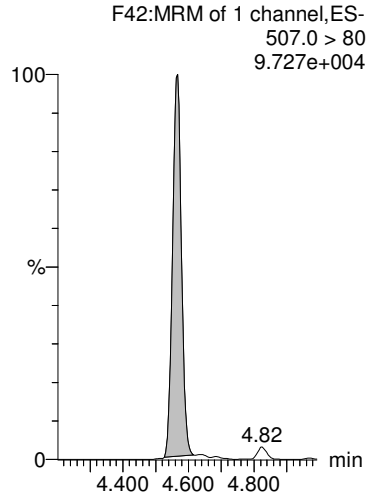
N-EtFOSE



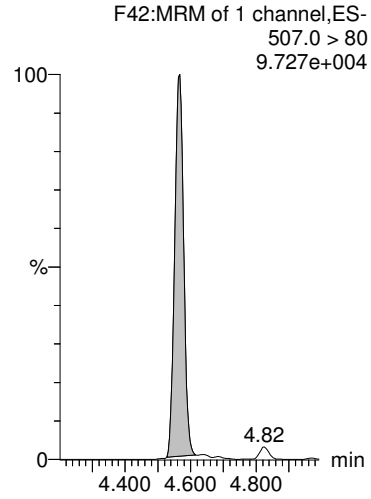
TDCA



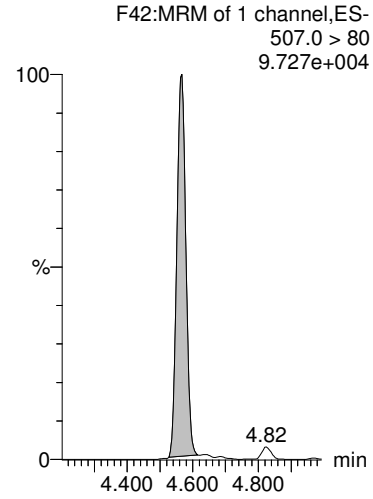
13C8-PFOS-EIS



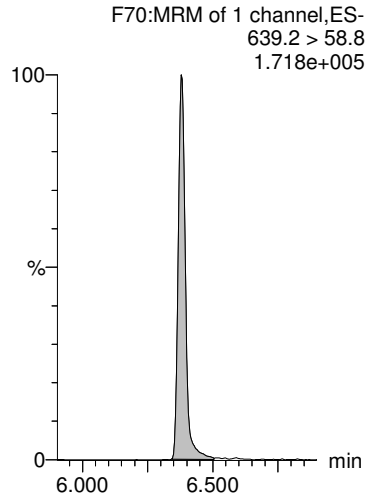
13C8-PFOS-EIS



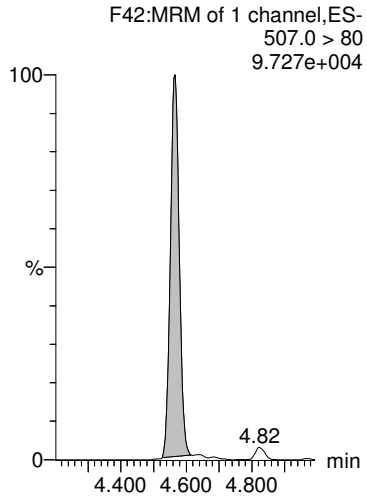
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	7.951e2	2.995e3	0.109		1.10	1.11	3.32	20.171			
2	4	PFPeA	263.1 > 218.9	1.433e3	4.344e3	0.109		2.06	2.06	4.12	40.470			
3	5	PFBS	299.0 > 79.7	1.204e2	1.188e3	0.109		2.35	2.35	1.27	5.943		2.37	NO
4	7	PFHxA	313.0 > 269.0	4.987e3	7.897e3	0.109		2.88	2.88	7.89	64.069		19.9	NO
5	11	PFHpA	363.0 > 318.9	5.844e3	5.159e3	0.109		3.52	3.52	14.2	105.438		11.0	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.995e3		0.109	211.507	0.84	1.10	3000	129.880	113.3		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.344e3		0.109	430.335	2.06	2.06	4340	92.569	80.8		
8	51	13C3-PFBS-EIS	302.0 > 99	1.188e3		0.109	119.139	2.49	2.35	1190	91.421	79.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.897e3		0.109	810.703	3.06	2.88	7900	89.335	77.9		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.159e3		0.109	538.644	3.59	3.52	5160	87.829	76.6		
11	-1													
12	13	L-PFHxS	399 > 80.0	4.913e2	3.007e3	0.109		3.67	3.67	2.04	19.419		1.95	NO
13	1...	Total PFHxS	399 > 80	4.913e2	3.007e3	0.109		3.83		2.04	19.419			
14	15	6:2 FTS	427 > 407.0		1.706e3	0.109		3.97						YES
15	19	PFHpS	448.9 > 80.0	3.444e1	3.242e3	0.109		4.19	4.15	0.133	0.708		1.41	NO
16	21	PFNA	463.0 > 418.8	5.240e3	9.742e3	0.109		4.48	4.48	6.72	49.333		3.95	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.007e3		0.109	297.710	3.80	3.67	3010	92.630	80.8		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.007e3		0.109	297.710	3.80	3.67	3010	92.630	80.8		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.706e3		0.109	189.343	4.04	3.97	1710	82.644	72.1		
20	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.742e3		0.109	1024.035	4.68	4.48	9740	87.251	76.1		
22	-1													
23	16	L-PFOA	412.8 > 368.9	3.873e4	1.060e4	0.109		4.03	4.03	45.7	287.818		3.74	NO
24	1...	Total PFOA	412.8 > 368.9	3.873e4	1.060e4	0.109		4.20		45.7	287.818			
25	23	L-PFOS	499 > 80	2.878e3	3.242e3	0.109		4.57	4.57	11.1	100.484		2.49	NO
26	1...	Total PFOS	499 > 80	2.878e3	3.242e3	0.109		4.73		11.1	100.484			
27	22	PFOSA	498.0 > 78.0	6.659e2	2.555e3	0.109		4.52	4.53	3.26	31.404		32.4	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.060e4		0.109	1051.559	4.10	4.03	10600	92.481	80.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.060e4		0.109	1051.559	4.10	4.03	10600	92.481	80.7		
30	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		
31	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		
32	67	13C8-PFOSA-EIS	506. > 78	2.555e3		0.109	327.488	4.58	4.52	2560	71.555	62.4		
33	-1													
34	26	PFDA	513 > 468.8	1.003e3	1.001e4	0.109		4.86	4.86	1.25	7.567		4.95	NO
35	27	8:2 FTS	526.9 > 507.0		1.947e3	0.109		4.83						YES
36	29	L-MeFOSAA	570 > 419		7.382e3	0.109		5.01						YES

RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.382e3	0.109		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.536e4	0.109		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.001e4		0.109	1015.350	4.90	4.86	10000	90.433	78.9		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.947e3		0.109	213.425	4.88	4.83	1950	83.665	73.0		
41	77	d3-N-MeFOSAA-EIS	573. > 419	7.382e3		0.109	959.325	5.25	5.01	7380	70.567	61.6		
42	77	d3-N-MeFOSAA-EIS	573. > 419	7.382e3		0.109	959.325	5.25	5.01	7380	70.567	61.6		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.536e4		0.109	1526.144	5.23	5.19	15400	92.296	80.5		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	1.048e2	6.355e3	0.109		5.17	5.17	0.206	2.808		1.20	NO
46	1...	Total N-EtFOSAA	583.9 > 419	1.048e2	6.355e3	0.109		5.33		0.206	2.808			
47	34	PFDS	599.0 > 80.0		3.242e3	0.109		5.23						YES
48	37	PFDoA	612.9 > 569.0		1.561e4	0.109		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.561e4	0.109		5.72						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.355e3		0.109	833.625	5.21	5.17	6350	69.908	61.0		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.355e3		0.109	833.625	5.21	5.17	6350	69.908	61.0		
52	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		
53	83	13C2-PFDoA-EIS	615 > 570	1.561e4		0.109	1936.260	5.51	5.48	15600	73.933	64.5		
54	83	13C2-PFDoA-EIS	615 > 570	1.561e4		0.109	1936.260	5.51	5.48	15600	73.933	64.5		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.888e3	0.109		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		4.093e3	0.109		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		5.472e3	0.109		5.96						YES
59	43	PFHxDA	813.1 > 768.6		9.974e3	0.109		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		5.510e3	0.109		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.888e3		0.109	1229.760	5.98	5.96	8890	66.283	57.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	4.093e3		0.109	89.439	5.60	5.51	4090	419.665	30.7		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.472e3		0.109	145.327	6.03	5.98	5470	345.317	25.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	9.974e3		0.109	1833.619	6.55	6.31	9970	49.885	43.5		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.510e3		0.109	57.460	6.23	6.23	5510	879.495	64.3		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.143e3	0.109		6.38						
68	1...	TDCA	498.3>106.9			0.109		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		
70	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		
71	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.143e3		0.109	67.369	6.38	6.38	6140	836.215	61.1		

RK 6/26/2020

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Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.242e3		0.109	323.537	4.88	4.57	3240	91.890	80.2		

RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 17:36:10
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

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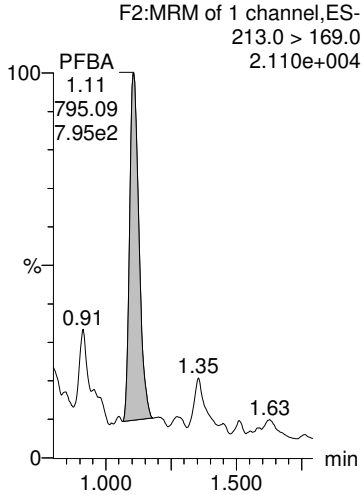

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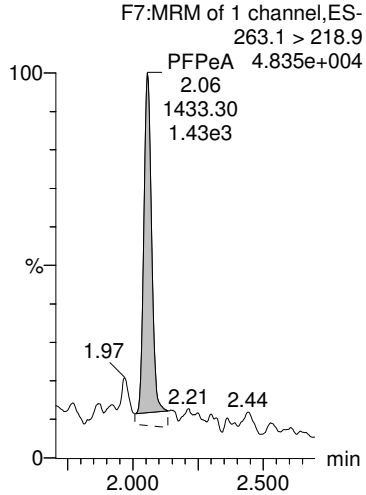

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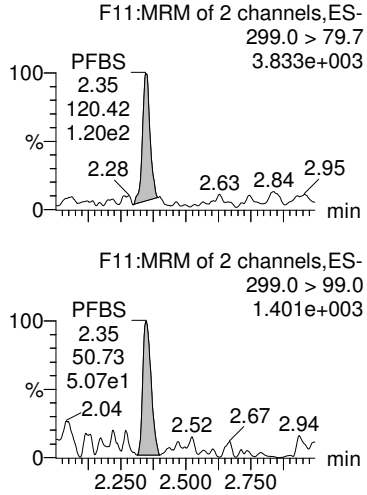

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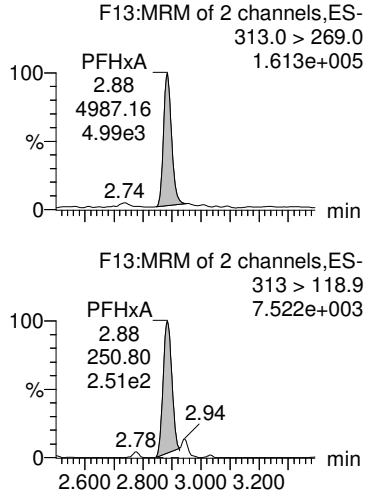

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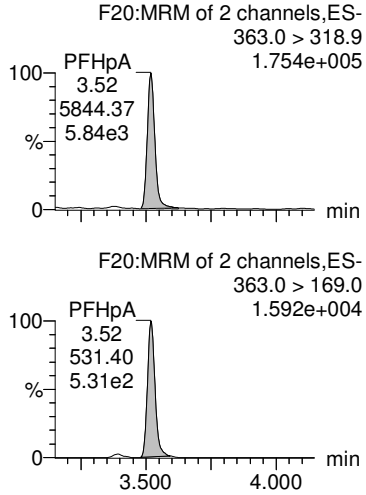
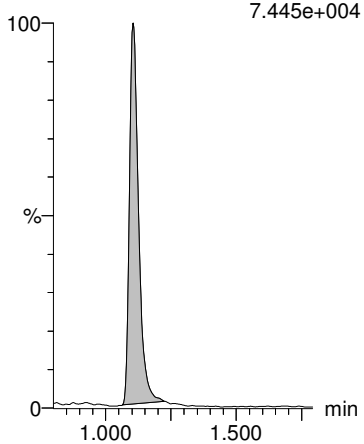


13C3-PFBA-EIS



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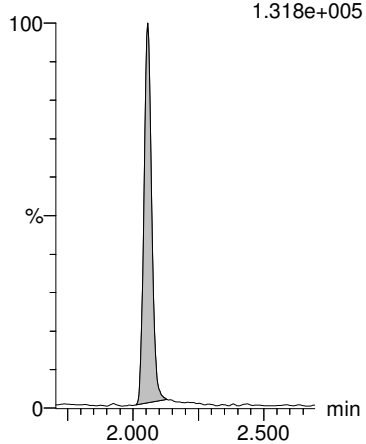

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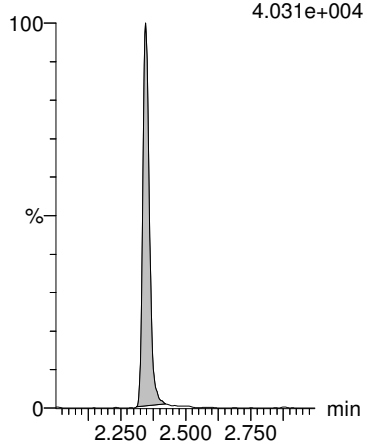

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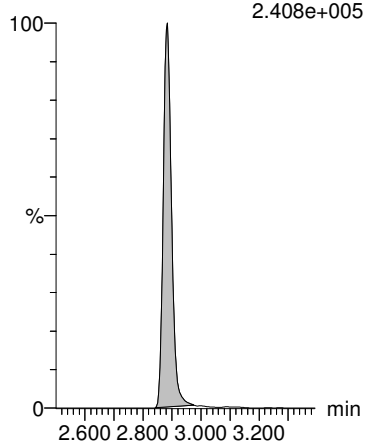

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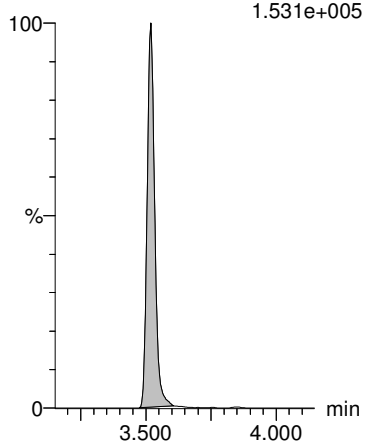


RK 6/26/2020

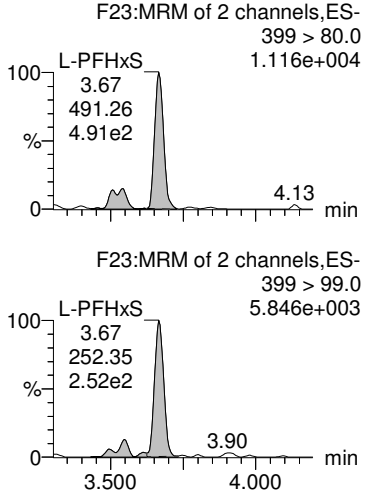
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

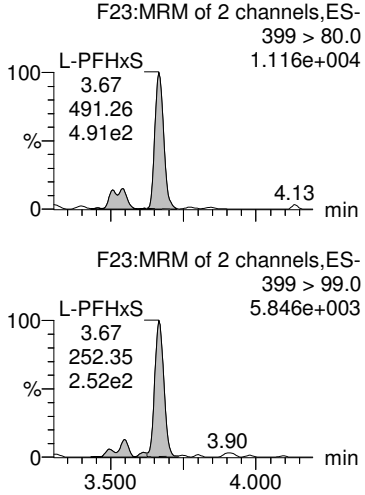
Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

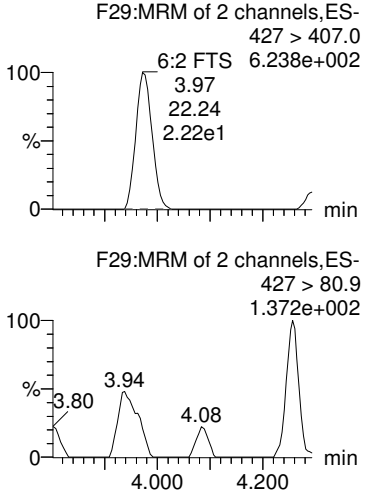
L-PFHxS



Total PFHxS



6:2 FTS



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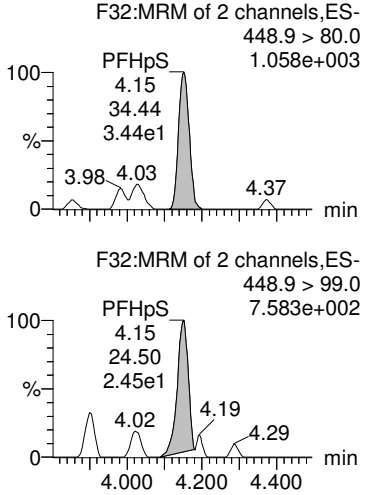

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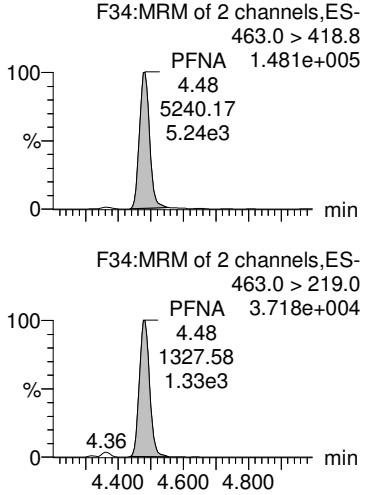

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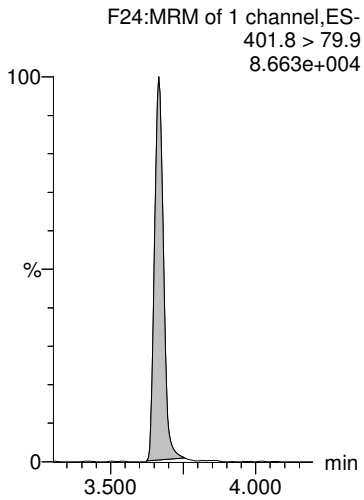

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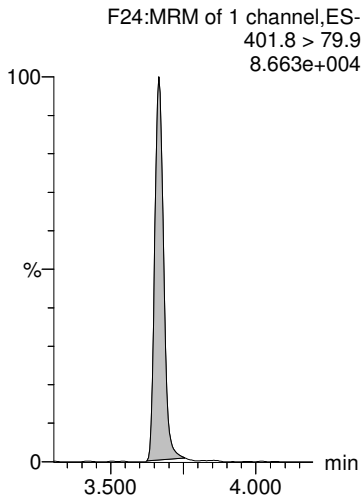
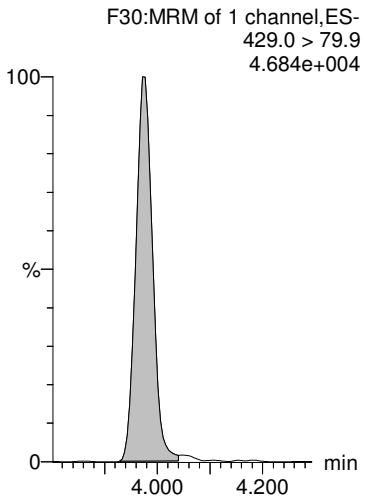
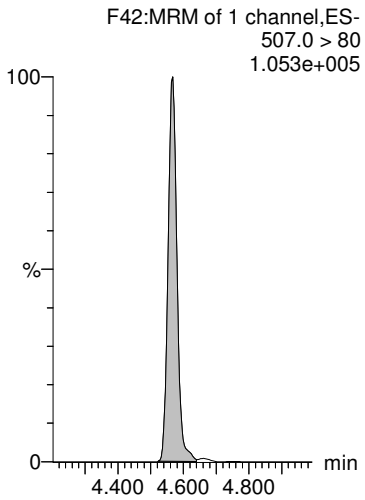


13C2-6:2 FTS-EIS



13C8-PFOS-EIS



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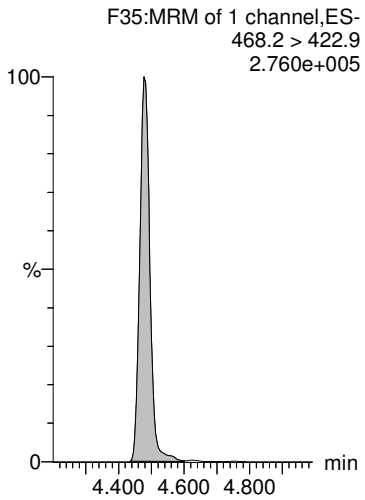

RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
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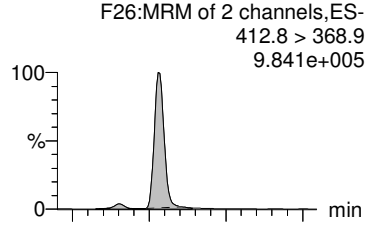
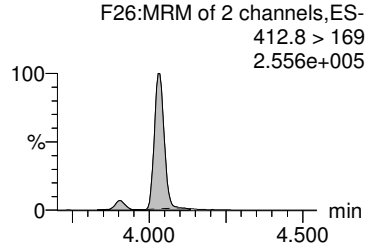
Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

L-PFOA





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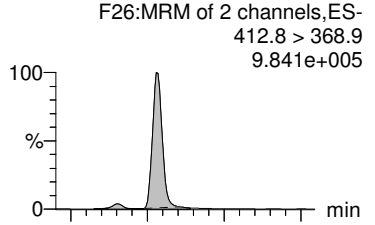
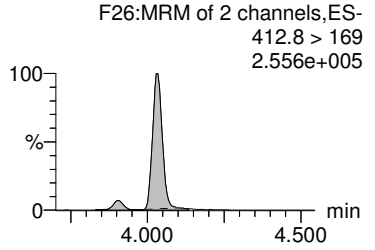
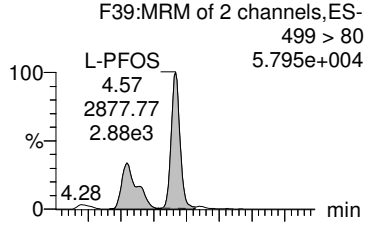
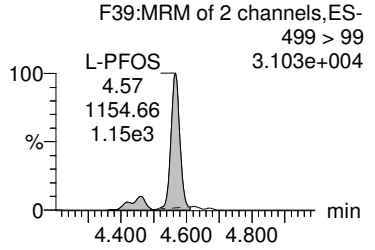




L-PFOS





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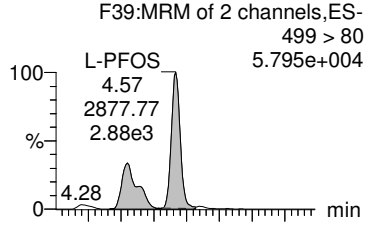
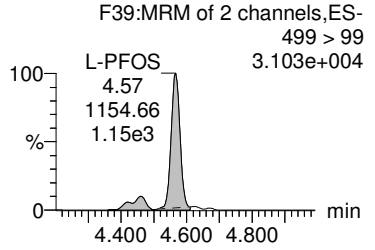
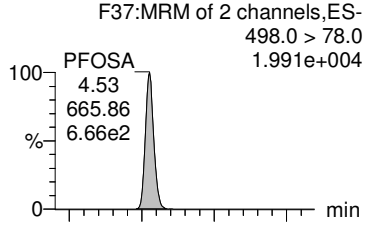
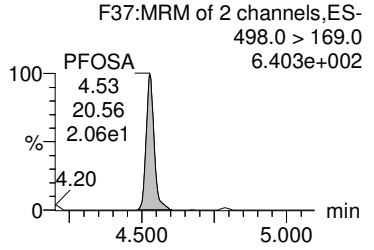


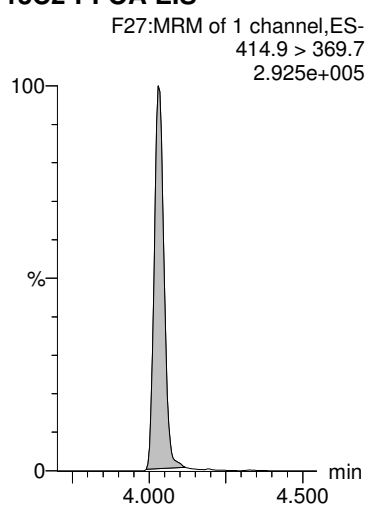


PFOSA





13C2-PFOA-EIS



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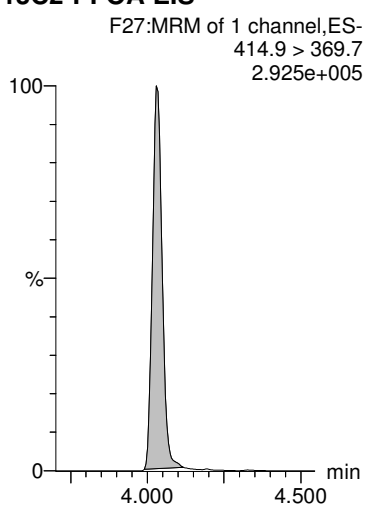

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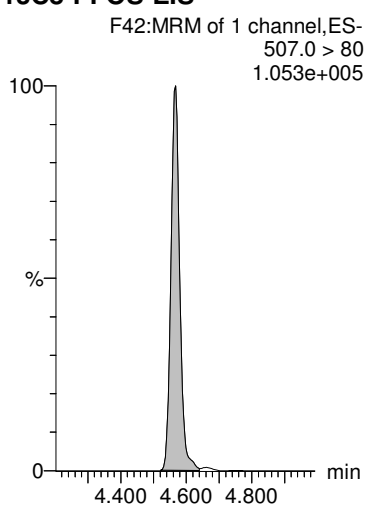

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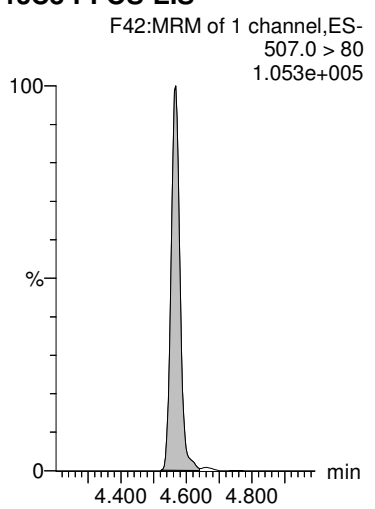
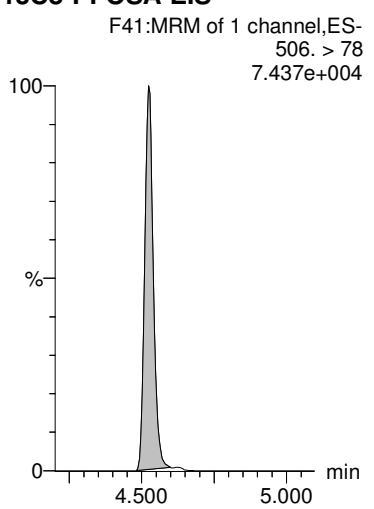


13C8-PFOSA-EIS



RK 6/26/2020

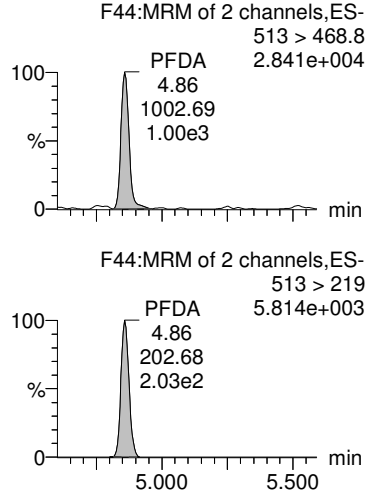
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

PFDA



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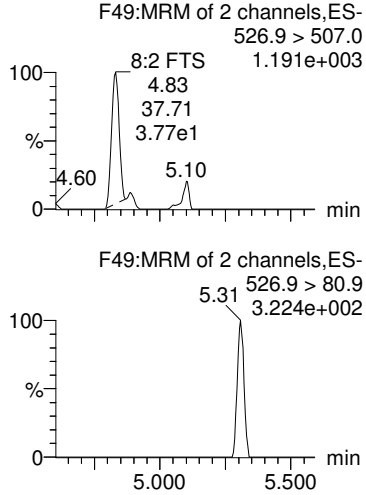
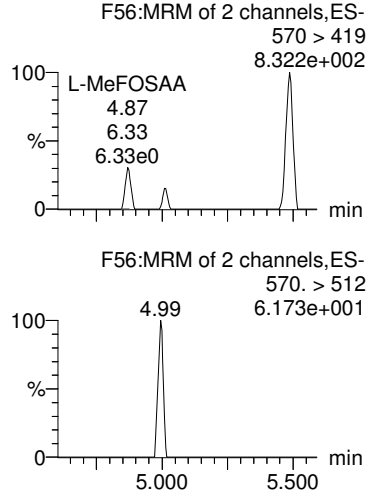
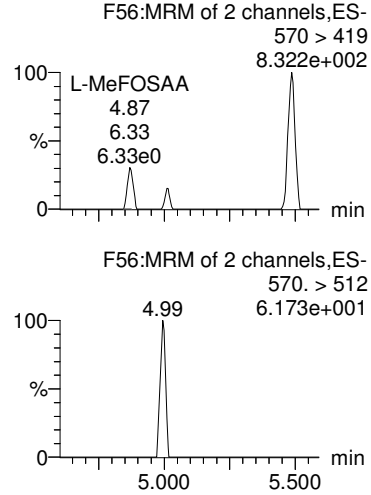


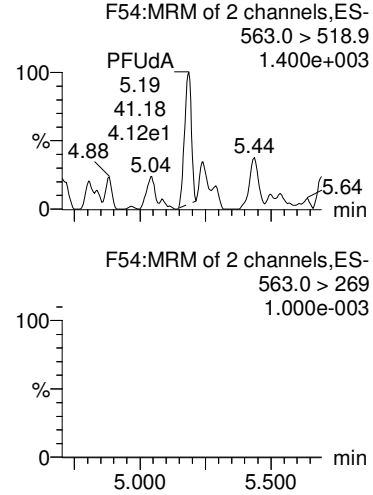
L-MeFOSAA



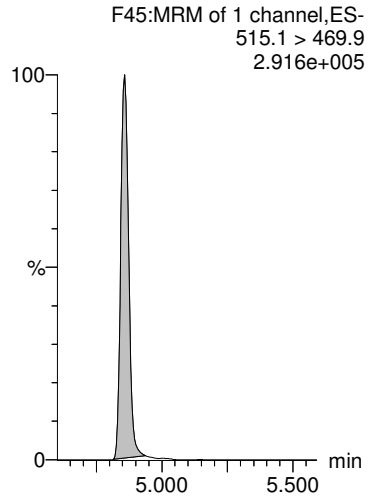
Total N-MeFOSAA



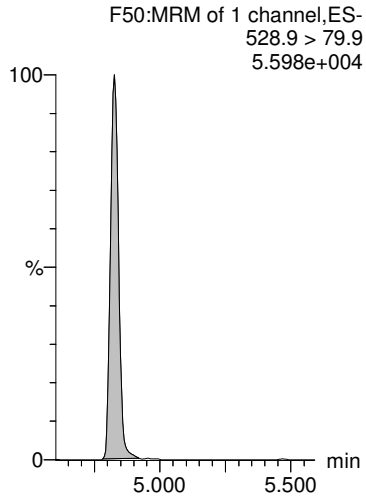
PFUdA



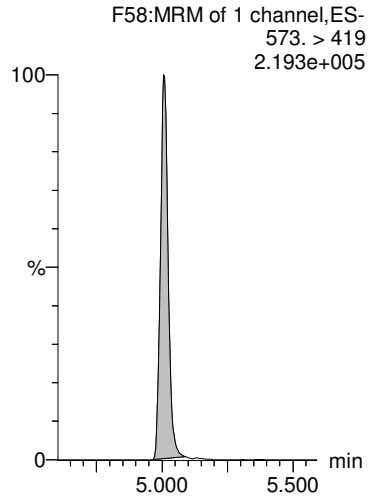
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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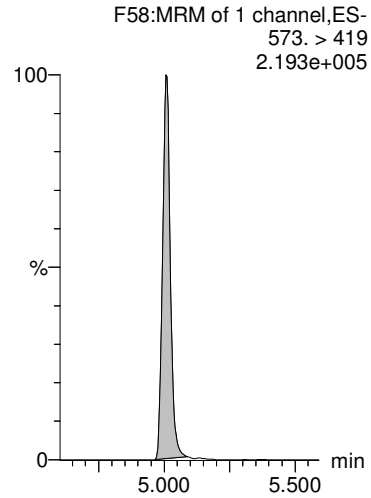
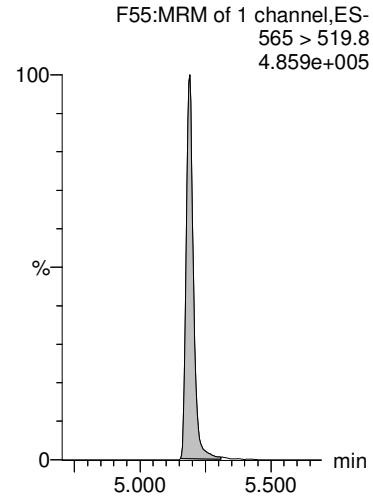


13C2-PFUdA-EIS



RK 6/26/2020

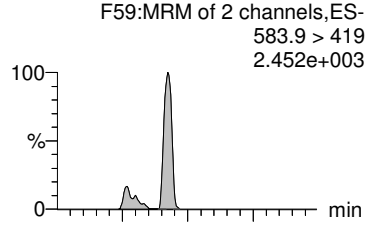
Review: AMR 6/30/2020

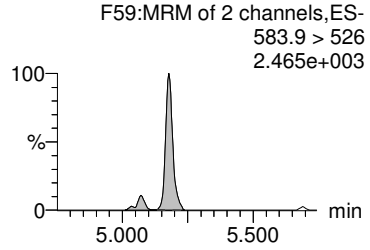
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

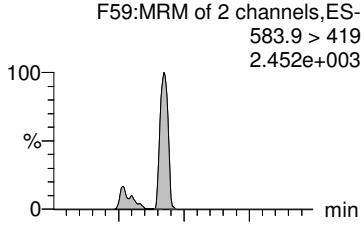
Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

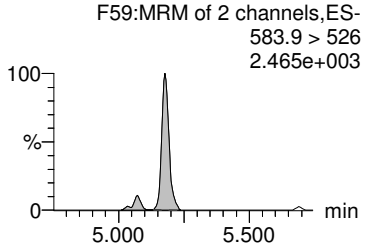
L-EtFOSAA



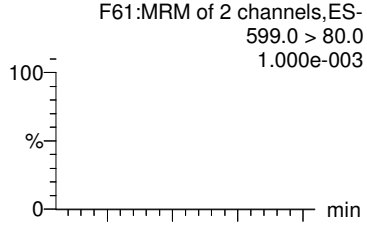


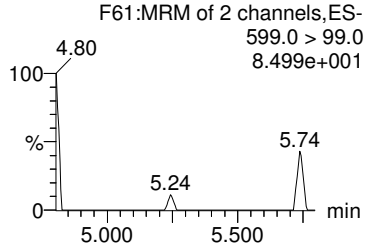
Total N-EtFOSAA



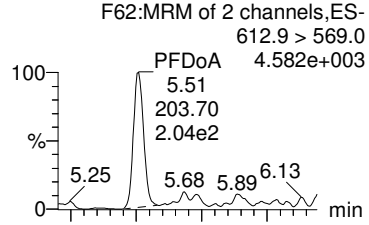


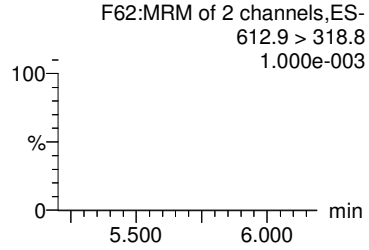
PFDS





PFDoA





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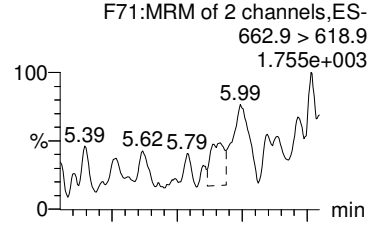
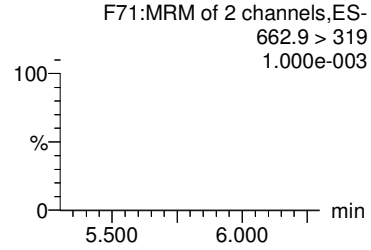
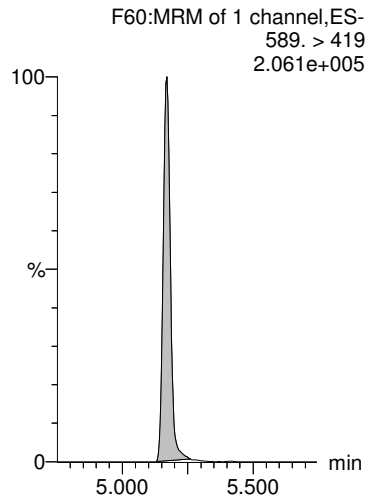




d5-N-EtFOSAA-EIS



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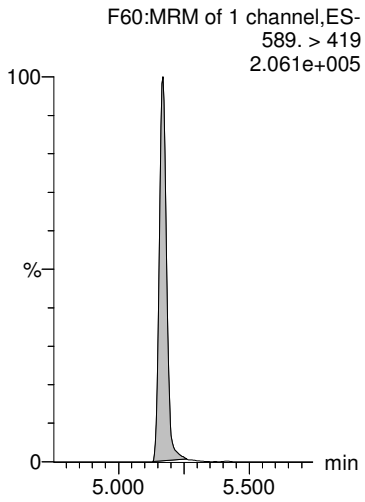
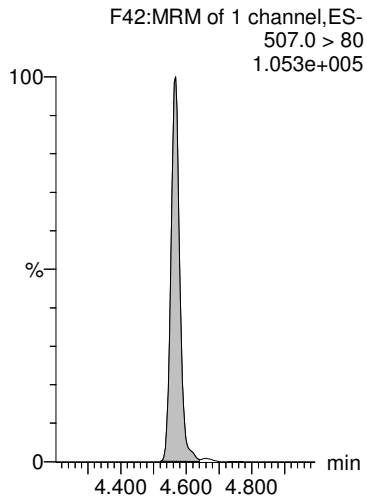
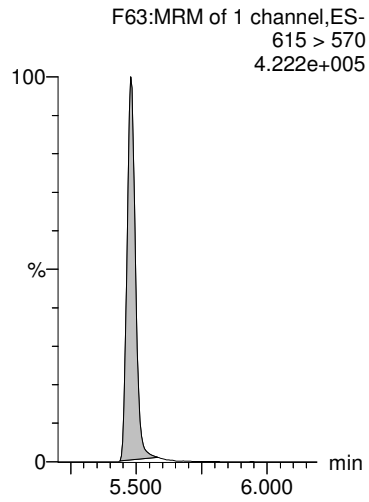


13C8-PFOS-EIS



13C2-PFDoA-EIS



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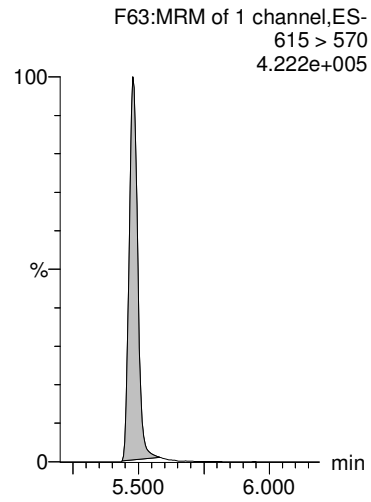


RK 6/26/2020

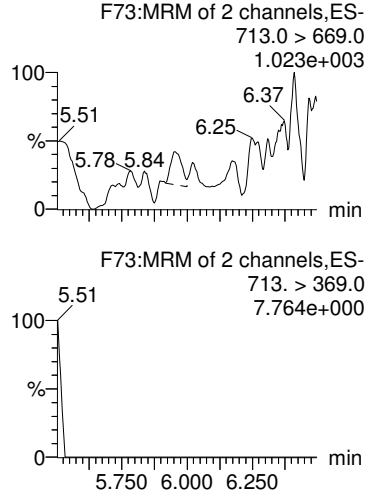
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

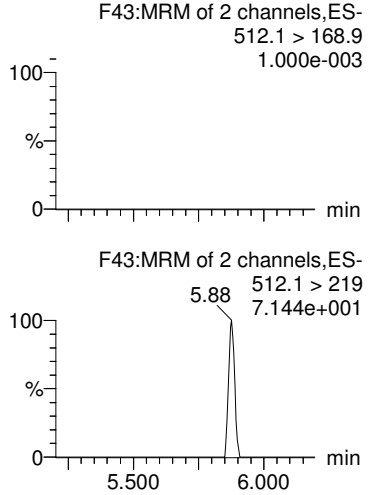
Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

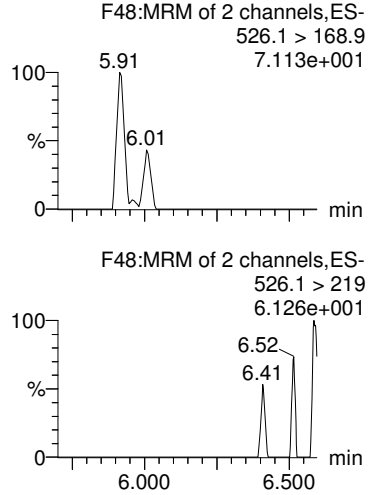
PFTeDA



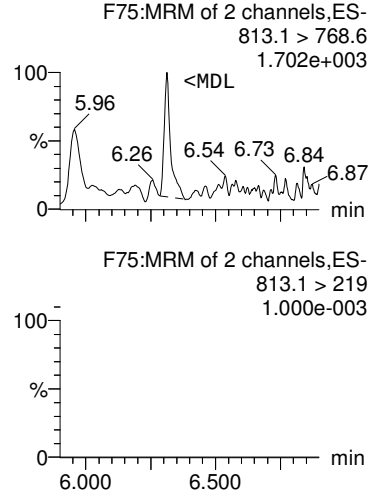
N-MeFOSA



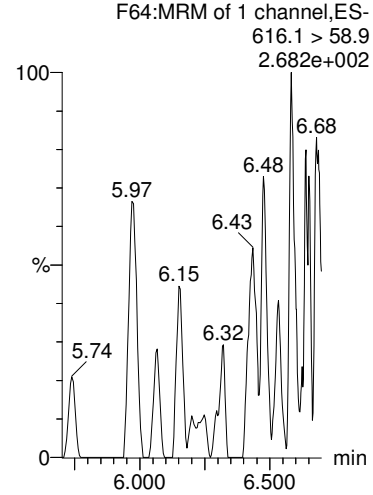
N-EtFOSA



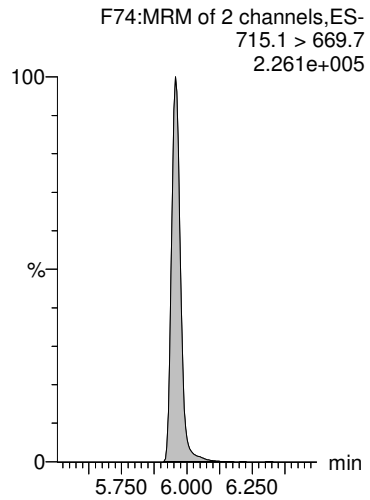
PFHxDA



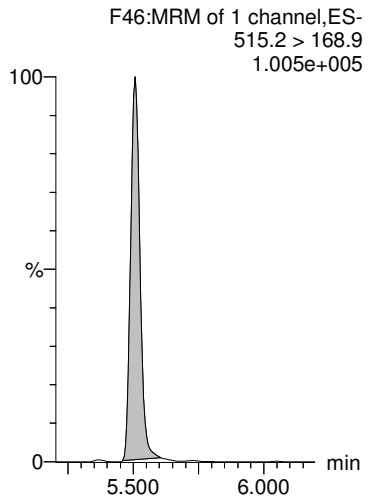
N-MeFOSE



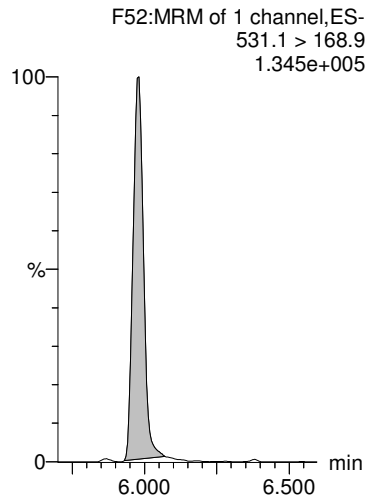
13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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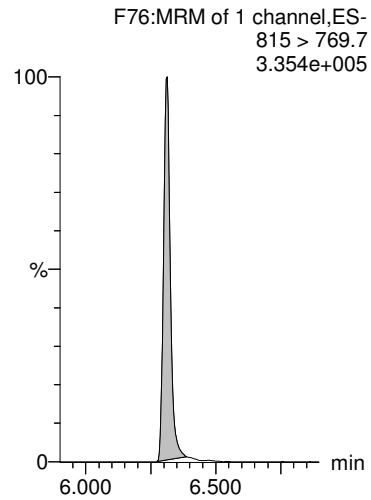

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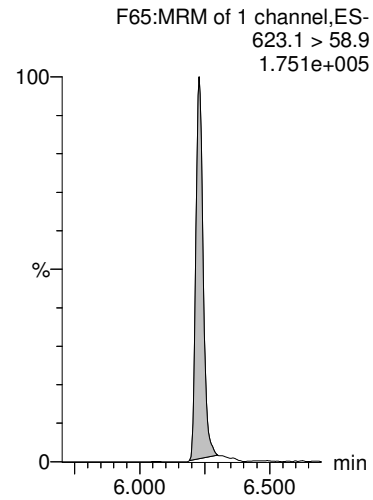


RK 6/26/2020

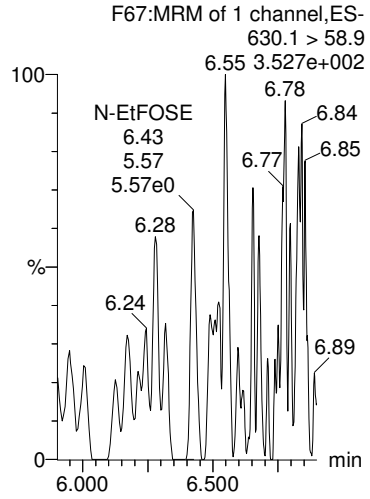
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-51.qld

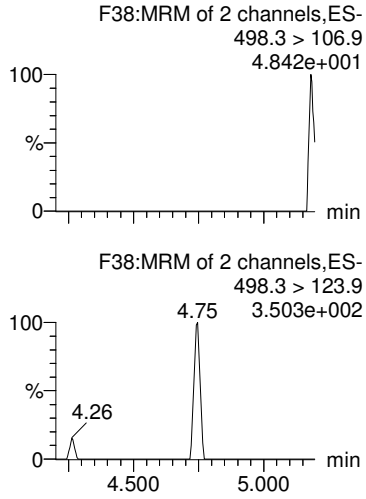
Last Altered: Friday, June 26, 2020 17:43:55 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:45:09 Pacific Daylight Time

Name: 200623M1_51, Date: 23-Jun-2020, Time: 20:59:50, ID: 2001272-03 GW-AE-3A-DUP 0.10904, Description: GW-AE-3A-DUP

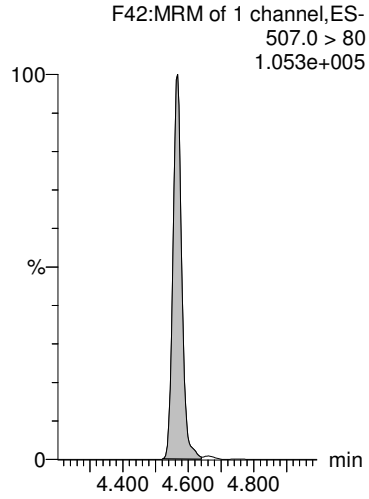
N-EtFOSE



TDCA



13C8-PFOS-EIS



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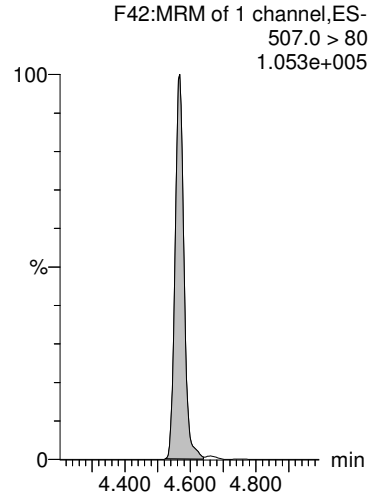

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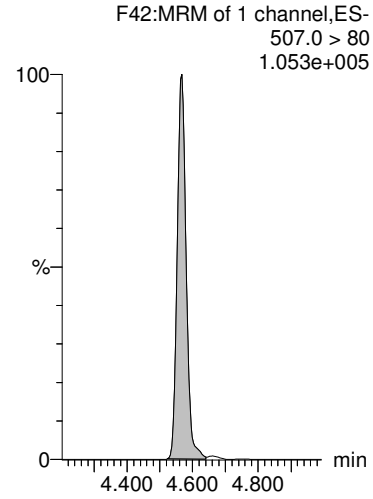
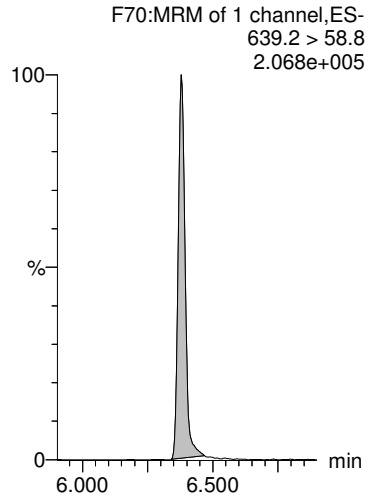


d9-N-EtFOSE-EIS



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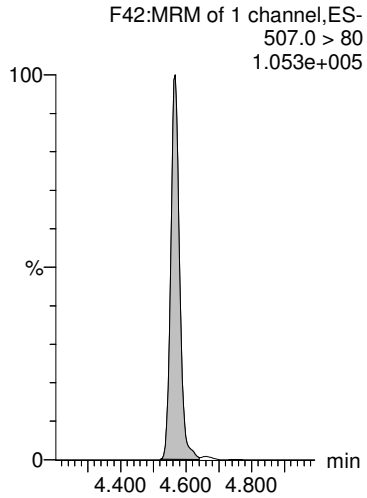

RK 6/26/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-52.qld

Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	5.034e2	3.748e3	0.111		1.11	1.11	1.68	10.049			
2	4	PFPeA	263.1 > 218.9	1.238e3	4.780e3	0.111		2.06	2.06	3.24	31.048			
3	5	PFBS	299.0 > 79.7	1.501e2	1.436e3	0.111		2.35	2.35	1.31	6.002		3.09	NO
4	7	PFHxA	313.0 > 269.0	2.497e3	8.981e3	0.111		2.88	2.88	3.48	27.958		18.8	NO
5	11	PFHpA	363.0 > 318.9	3.492e2	5.860e3	0.111		3.52	3.52	0.745	5.402		13.6	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.748e3		0.111	211.507	0.84	1.11	3750	159.347	141.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.780e3		0.111	430.335	2.06	2.06	4780	99.886	88.9		
8	51	13C3-PFBS-EIS	302.0 > 99	1.436e3		0.111	119.139	2.49	2.35	1440	108.364	96.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.981e3		0.111	810.703	3.06	2.88	8980	99.619	88.6		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.860e3		0.111	538.644	3.59	3.52	5860	97.832	87.0		
11	-1													
12	13	L-PFHxS	399 > 80.0	7.854e1	3.015e3	0.111		3.67	3.67	0.326	2.081		2.97	NO
13	1...	Total PFHxS	399 > 80	7.854e1	3.015e3	0.111		3.83		0.326	2.081			
14	15	6:2 FTS	427 > 407.0		1.787e3	0.111		3.97						YES
15	19	PFHpS	448.9 > 80.0		3.781e3	0.111		4.18						YES
16	21	PFNA	463.0 > 418.8		1.129e4	0.111		4.48						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.015e3		0.111	297.710	3.80	3.67	3010	91.068	81.0		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.015e3		0.111	297.710	3.80	3.67	3010	91.068	81.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.787e3		0.111	189.343	4.04	3.97	1790	84.884	75.5		
20	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.129e4		0.111	1024.035	4.68	4.48	11300	99.110	88.2		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.914e3	1.183e4	0.111		4.03	4.03	2.02	11.756		3.86	NO
24	1...	Total PFOA	412.8 > 368.9	1.914e3	1.183e4	0.111		4.20		2.02	11.756			
25	23	L-PFOS	499 > 80	3.511e1	3.781e3	0.111		4.56	4.46	0.116	0.542		3.26	YES
26	1...	Total PFOS	499 > 80	3.511e1	3.781e3	0.111		4.73		0.116	0.542			
27	22	PFOSA	498.0 > 78.0	9.217e1	2.762e3	0.111		4.52	4.53	0.417	3.888		36.7	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.183e4		0.111	1051.559	4.10	4.03	11800	101.176	90.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.183e4		0.111	1051.559	4.10	4.03	11800	101.176	90.0		
30	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		
31	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		
32	67	13C8-PFOSA-EIS	506. > 78	2.762e3		0.111	327.488	4.58	4.52	2760	75.854	67.5		
33	-1													
34	26	PFDA	513 > 468.8		1.174e4	0.111		4.86						YES
35	27	8:2 FTS	526.9 > 507.0		2.310e3	0.111		4.83						YES
36	29	L-MeFOSAA	570 > 419		8.450e3	0.111		5.01						YES

RK 6/26/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-52.qld

Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	8.450e3	0.111		5.17		0.000				
38	33	PFUdA	563.0 > 518.9	4.074e1	1.630e4	0.111		5.19	5.19	0.0313			10.3	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.174e4		0.111	1015.350	4.90	4.86	11700	103.994	92.5		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	2.310e3		0.111	213.425	4.88	4.83	2310	97.333	86.6		
41	77	d3-N-MeFOSAA-EIS	573. > 419	8.450e3		0.111	959.325	5.25	5.01	8450	79.215	70.5		
42	77	d3-N-MeFOSAA-EIS	573. > 419	8.450e3		0.111	959.325	5.25	5.01	8450	79.215	70.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.630e4		0.111	1526.144	5.23	5.19	16300	96.020	85.4		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.716e3	0.111		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.716e3	0.111		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.781e3	0.111		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.475e4	0.111		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.475e4	0.111		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.716e3		0.111	833.625	5.21	5.17	6720	72.444	64.4		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.716e3		0.111	833.625	5.21	5.17	6720	72.444	64.4		
52	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		
53	83	13C2-PFDoA-EIS	615 > 570	1.475e4		0.111	1936.260	5.51	5.48	14800	68.513	60.9		
54	83	13C2-PFDoA-EIS	615 > 570	1.475e4		0.111	1936.260	5.51	5.48	14800	68.513	60.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.001e3	0.111		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		1.976e3	0.111		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		2.170e3	0.111		5.96						YES
59	43	PFHxDA	813.1 > 768.6		1.683e3	0.111		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		2.329e3	0.111		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.001e3		0.111	1229.760	5.98	5.96	6000	43.886	39.0		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.976e3		0.111	89.439	5.60	5.51	1980	198.707	14.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.170e3		0.111	145.327	6.03	5.98	2170	134.257	10.0		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.683e3		0.111	1833.619	6.55	6.31	1680	8.253	7.3		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	2.329e3		0.111	57.460	6.23	6.23	2330	364.465	27.2		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	8.202e0	2.381e3	0.111		6.38	6.36	0.514	2.675			
68	1...	TDCA	498.3>106.9			0.111		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		
70	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		
71	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	2.381e3		0.111	67.369	6.38	6.38	2380	317.880	23.7		

RK 6/26/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-52.qld

Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.781e3		0.111	323.537	4.88	4.56	3780	105.095	93.5		

RK 6/26/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-52.qld

Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 17:47:11
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

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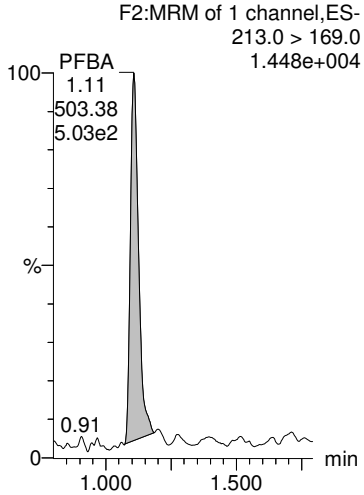

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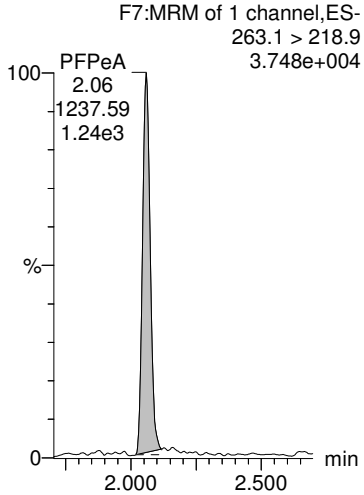

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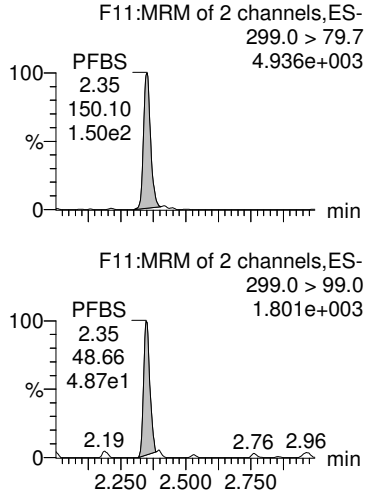

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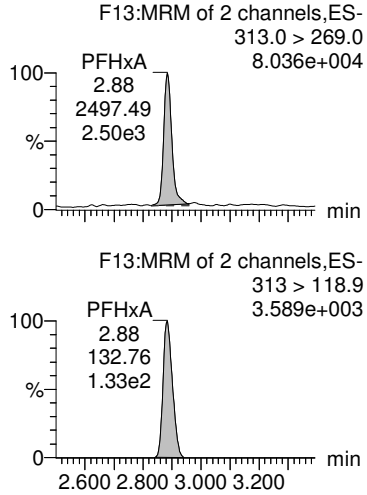

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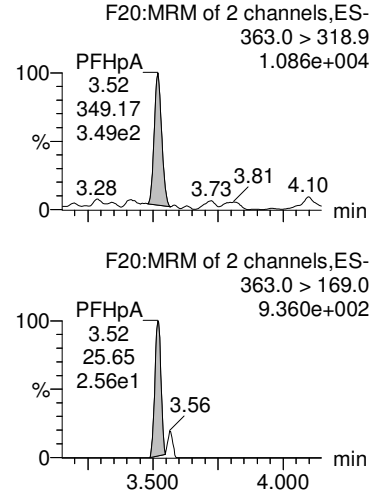

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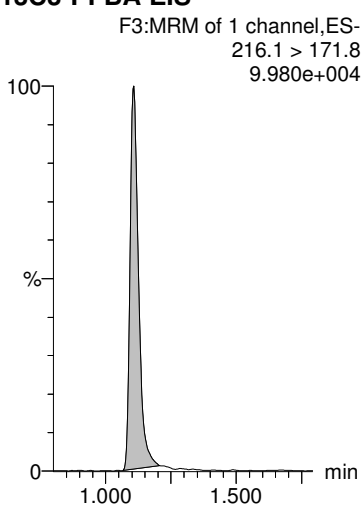

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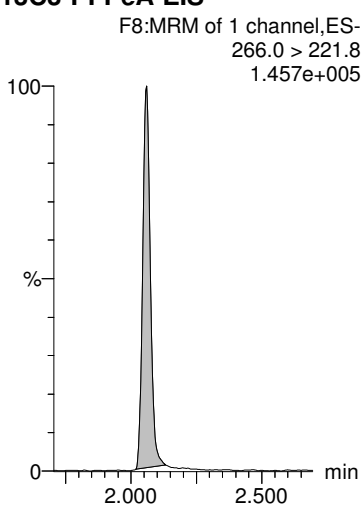

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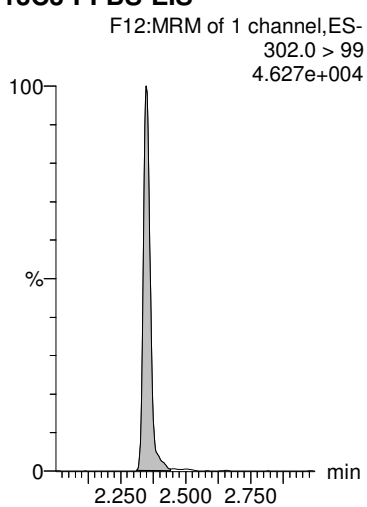

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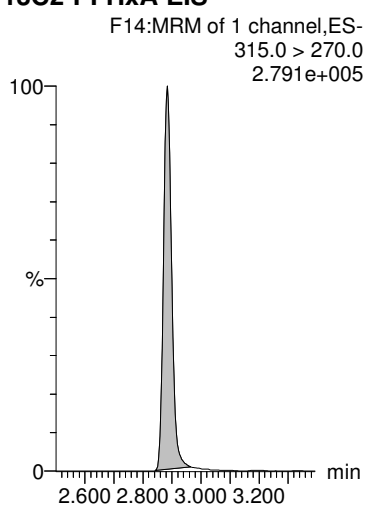

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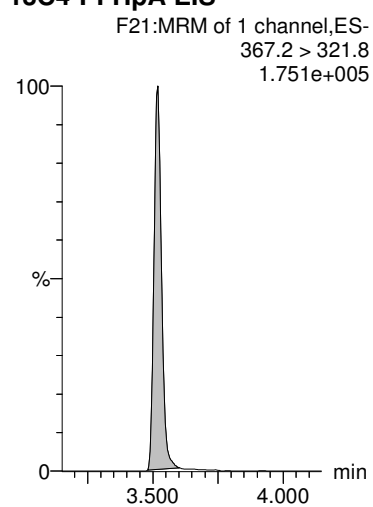


RK 6/26/2020

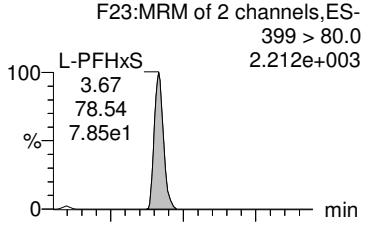
Review: AMR 7/1/2020

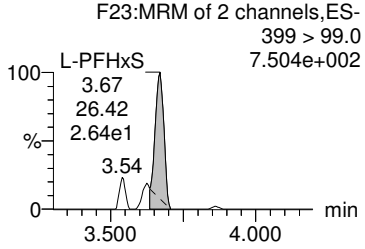
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-52.qld

Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

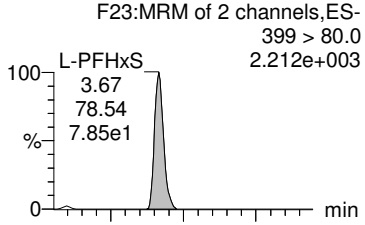
Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

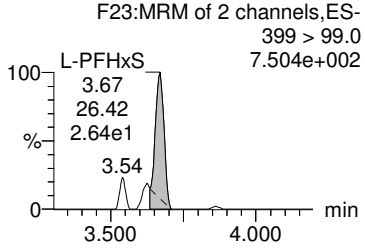
L-PFHxS



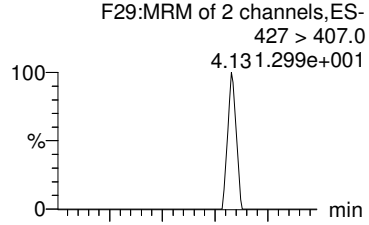


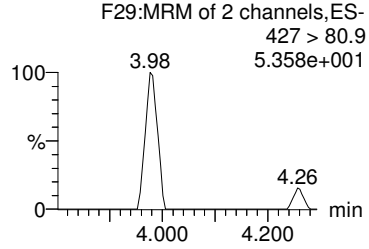
Total PFHxS





6:2 FTS





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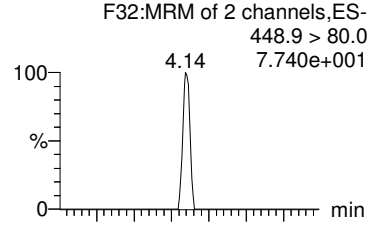

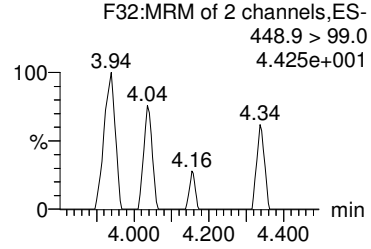

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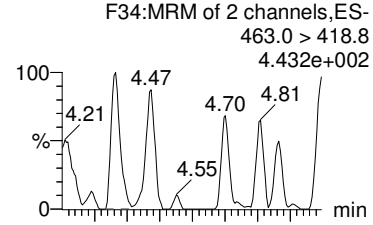
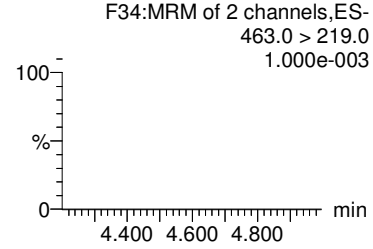
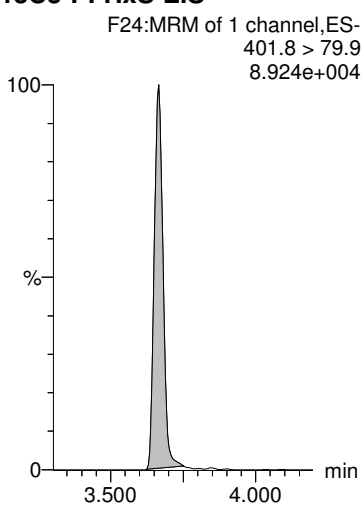




13C3-PFHxS-EIS



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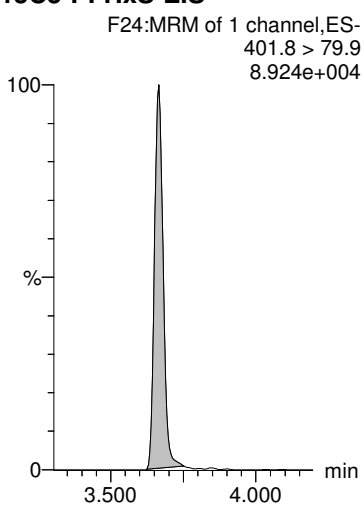

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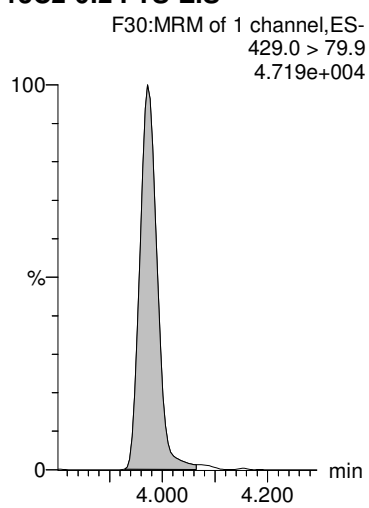

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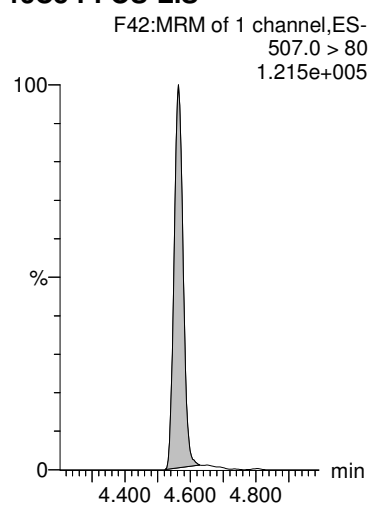

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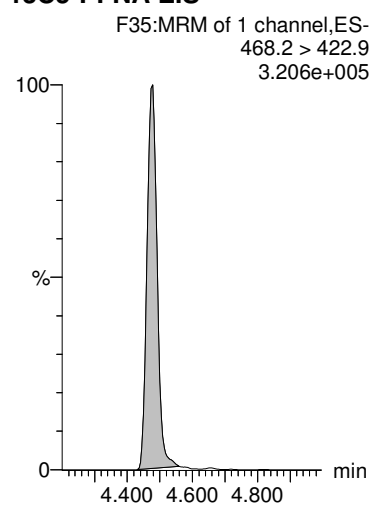


RK 6/26/2020

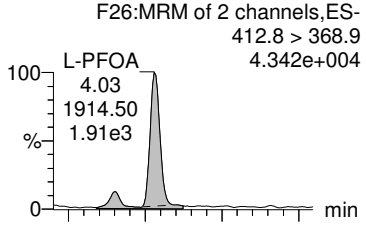
Review: AMR 7/1/2020

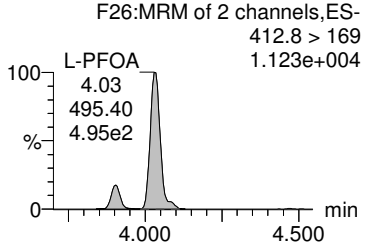
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-52.qld

Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

L-PFOA





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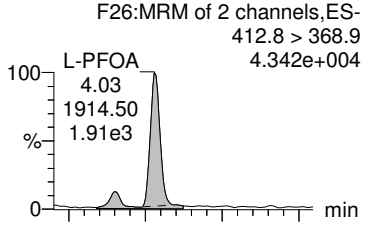

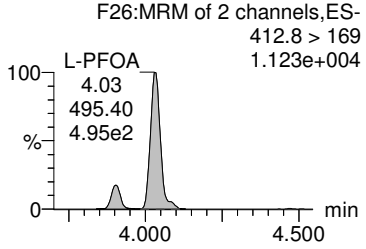

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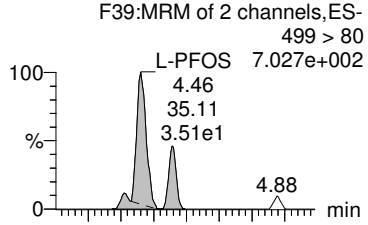
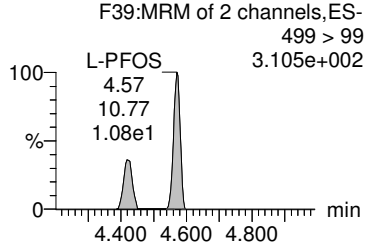
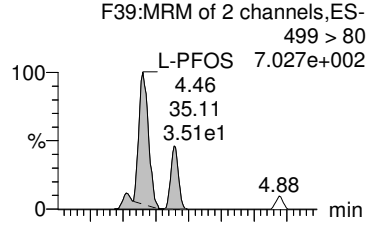
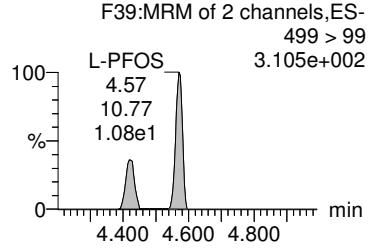




Total PFOS





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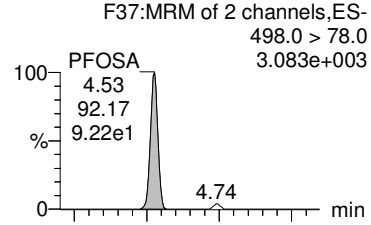
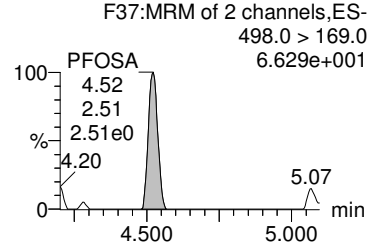
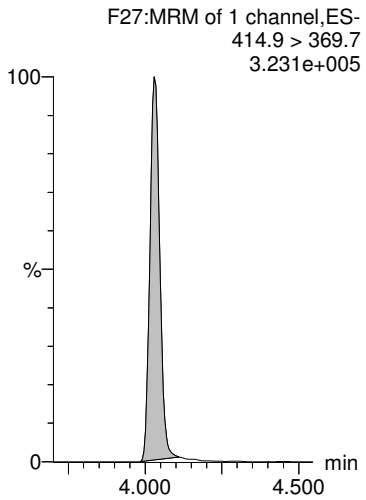




13C2-PFOA-EIS



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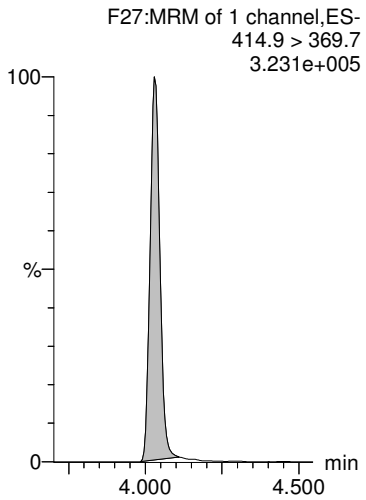
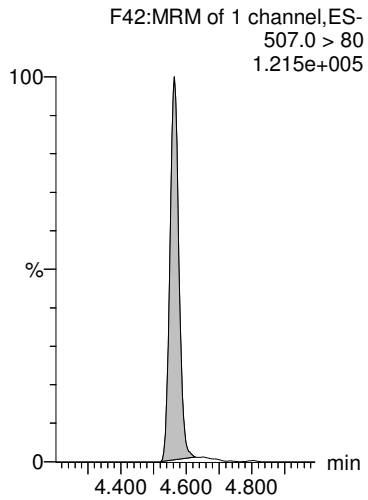


13C8-PFOS-EIS



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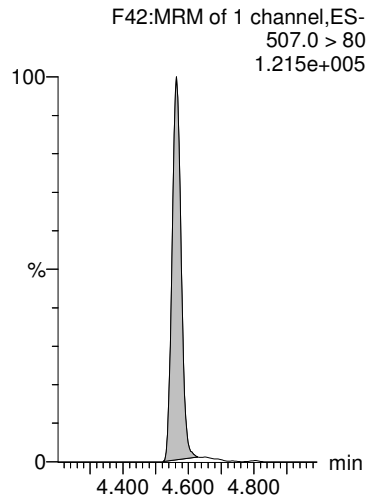

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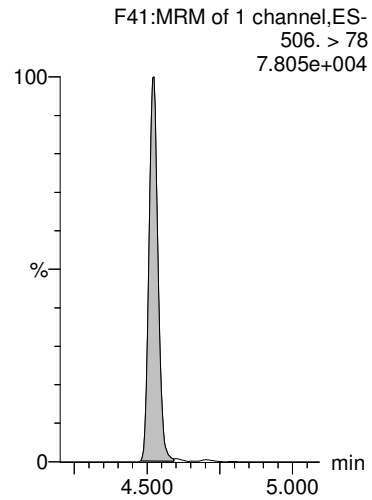

RK 6/26/2020

Review: AMR 7/1/2020

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Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

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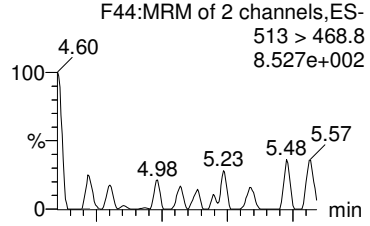
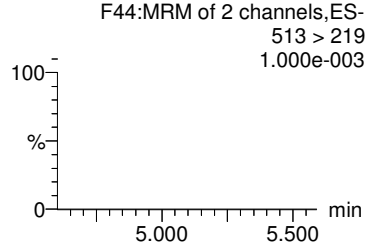
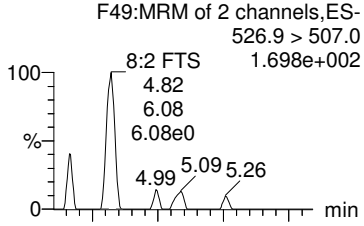
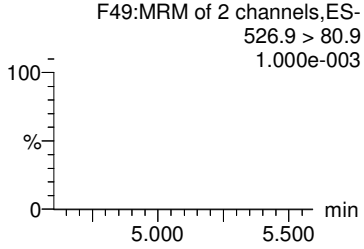


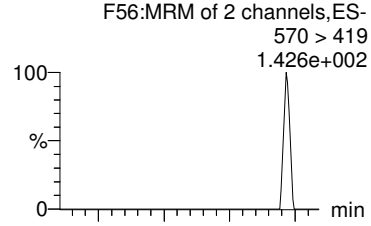


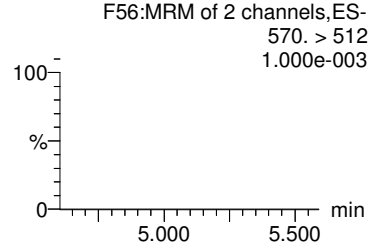
8:2 FTS





L-MeFOSAA





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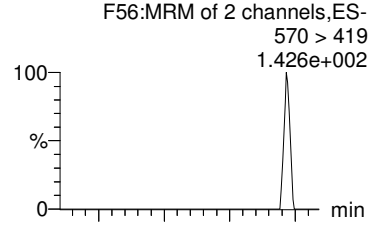
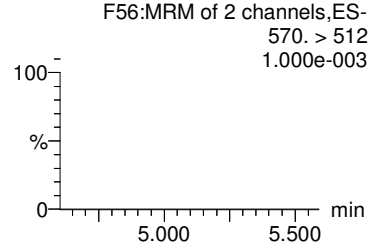
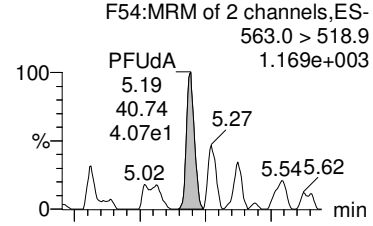
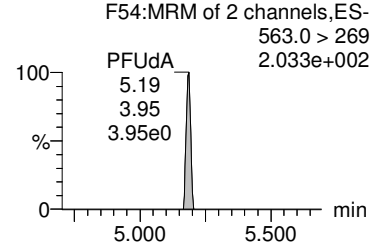




PFUdA





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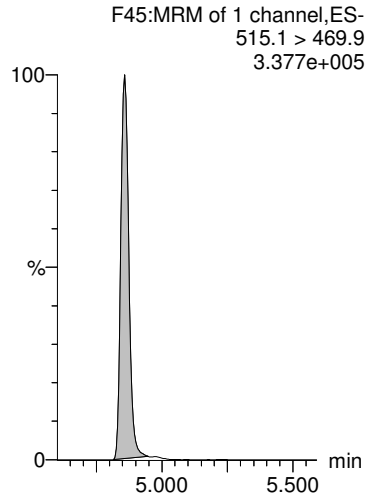

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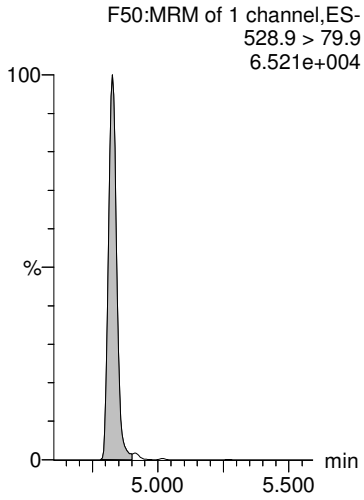
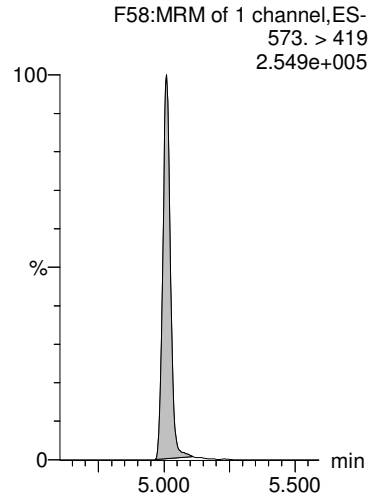


d3-N-MeFOSAA-EIS



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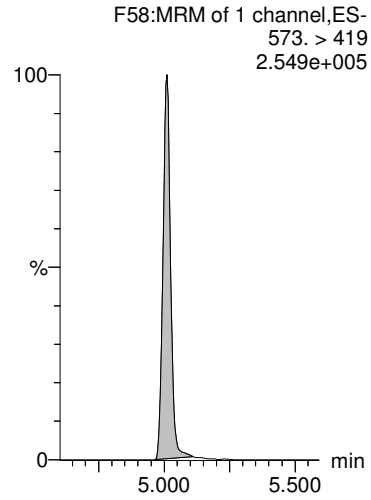

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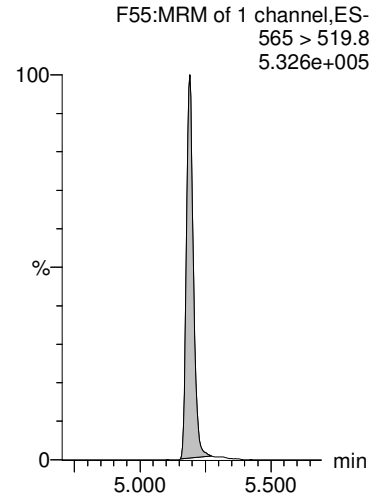

RK 6/26/2020

Review: AMR 7/1/2020

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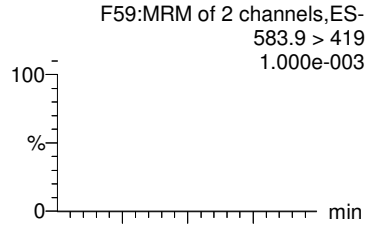
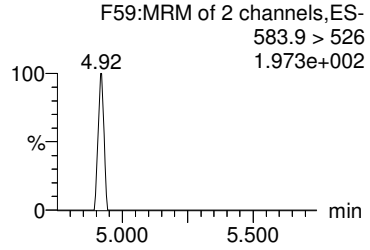
Last Altered: Friday, June 26, 2020 17:52:25 Pacific Daylight Time
Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

L-EtFOSAA





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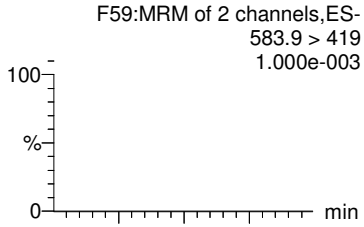

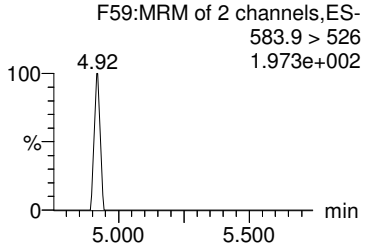

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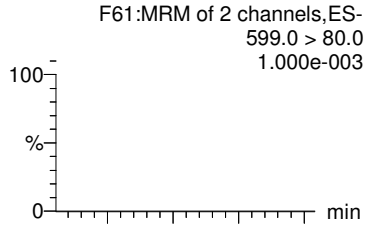

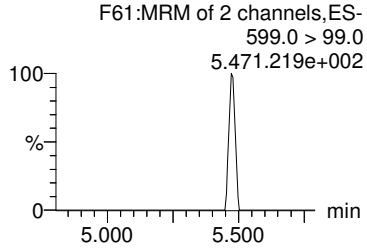

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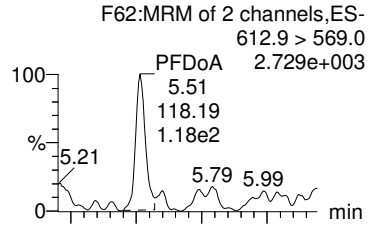

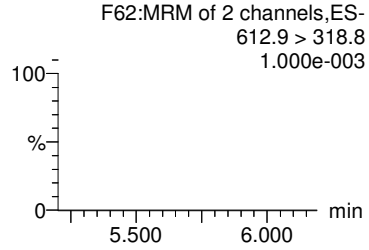

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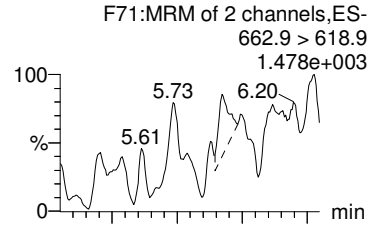
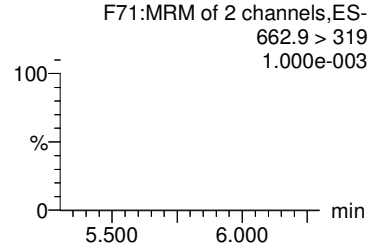
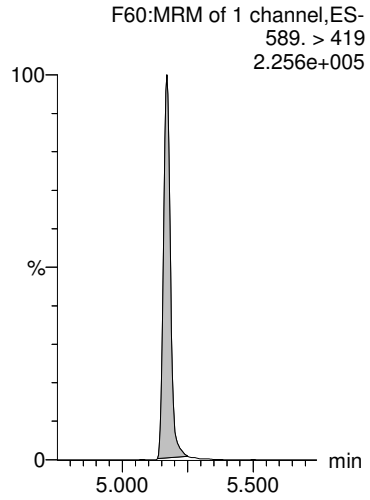




d5-N-EtFOSAA-EIS



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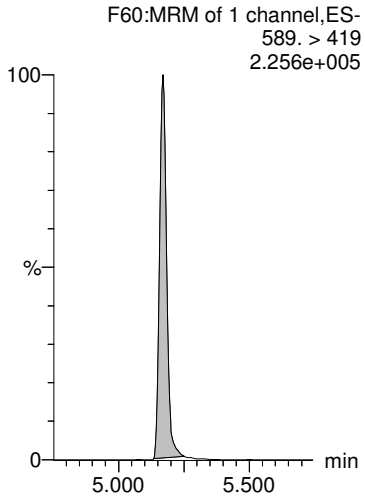
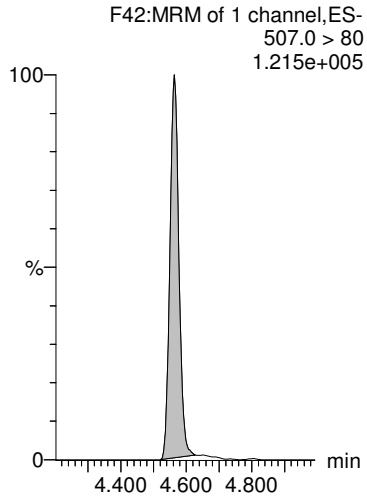


13C8-PFOS-EIS



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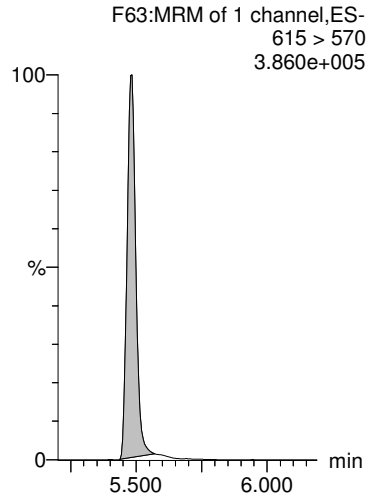

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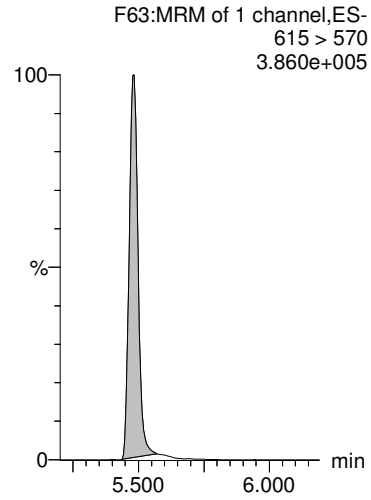

RK 6/26/2020

Review: AMR 7/1/2020

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Printed: Friday, June 26, 2020 17:52:52 Pacific Daylight Time

Name: 200623M1_52, Date: 23-Jun-2020, Time: 21:10:15, ID: 2001272-04 GW-FPC-7A 0.1112, Description: GW-FPC-7A

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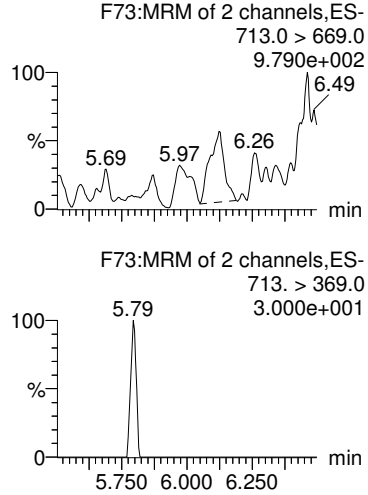

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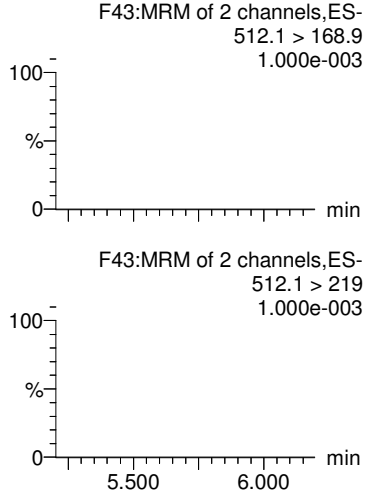

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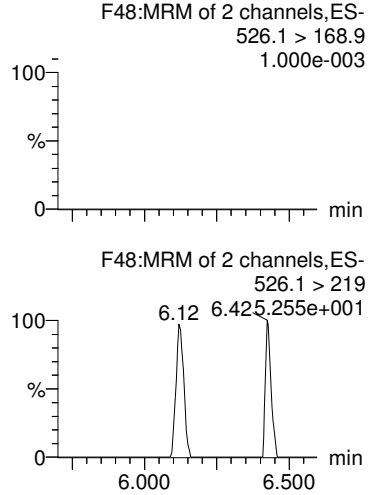

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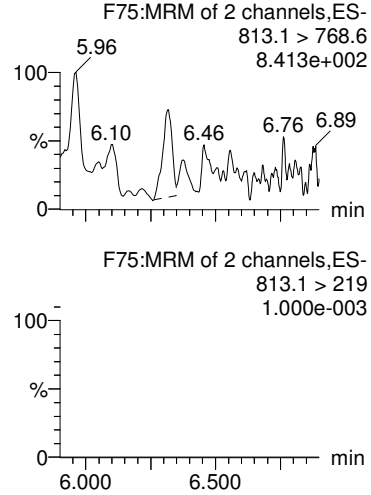
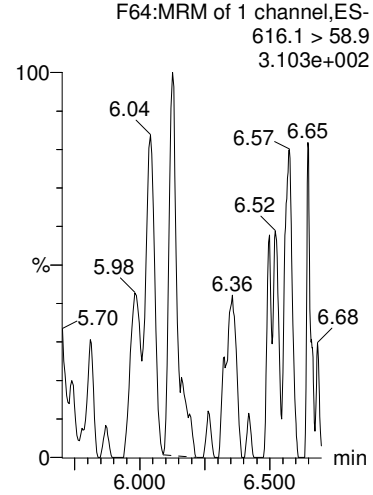


N-MeFOSE



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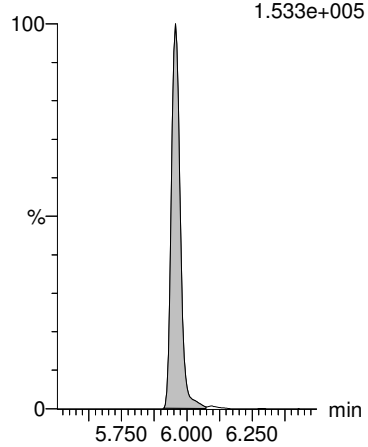

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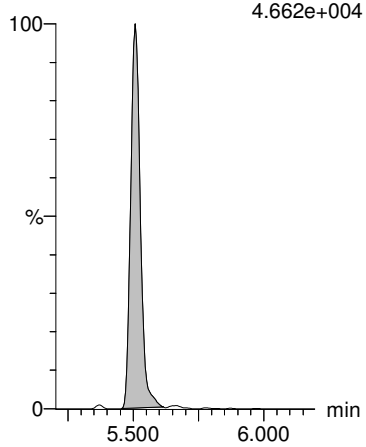
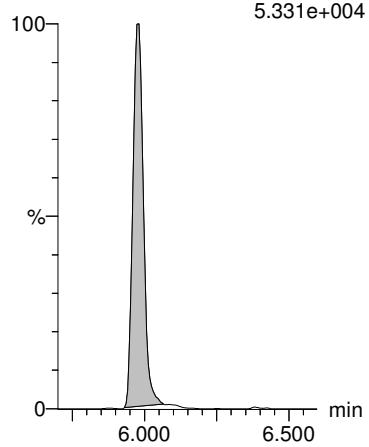
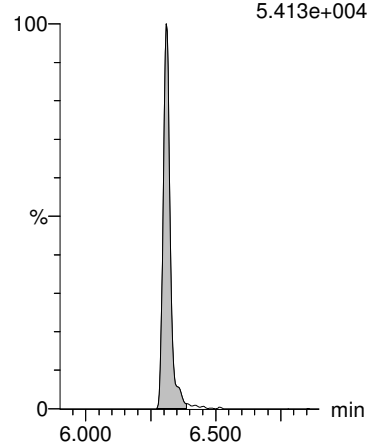


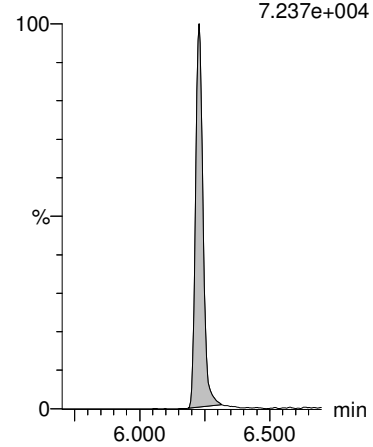
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



RK 6/26/2020

Review: AMR 7/1/2020

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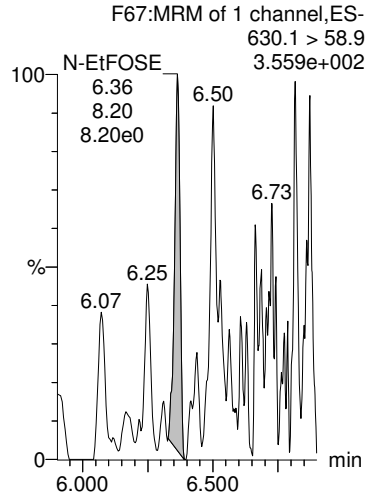

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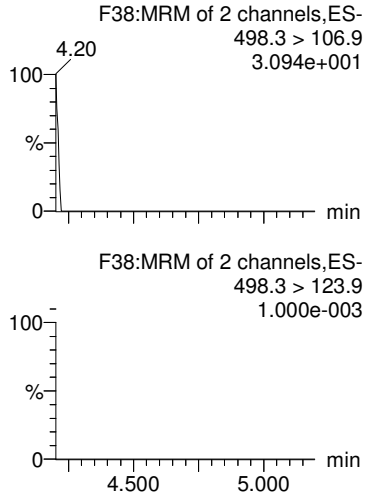
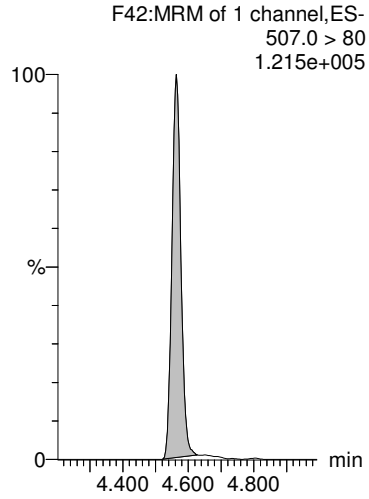


13C8-PFOS-EIS



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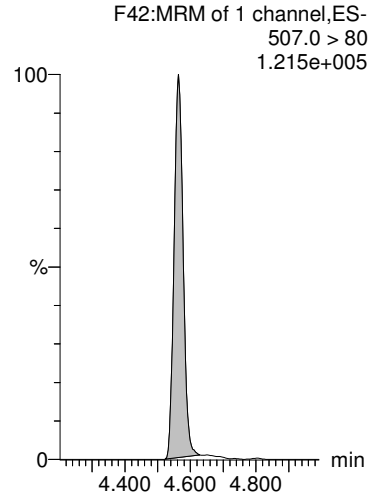

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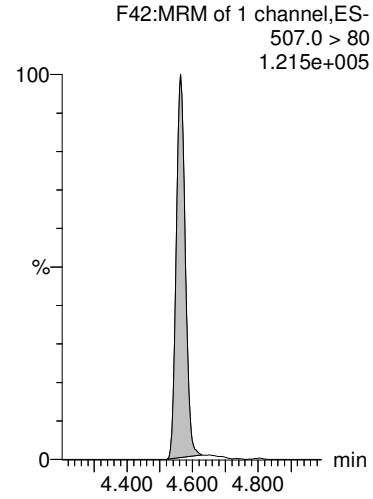
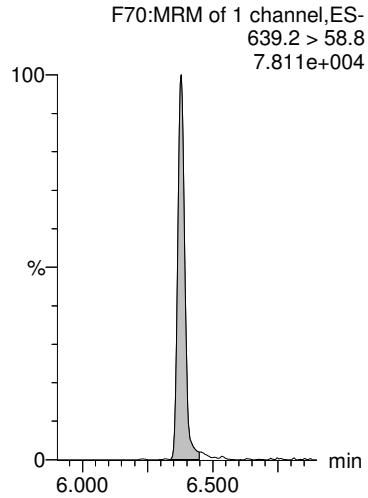


d9-N-EtFOSE-EIS



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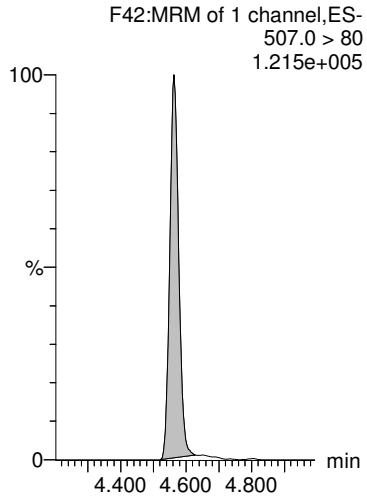


RK 6/26/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

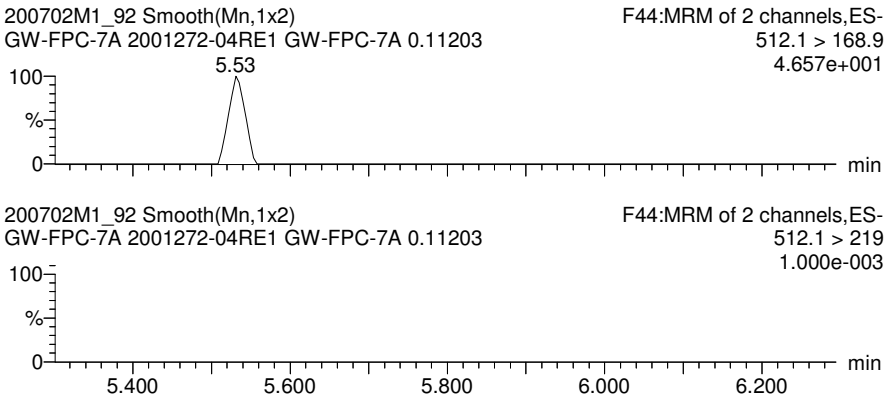
Dataset: M:\Projects\PFAS.PRO\Results\200702M1\200702M1-78-95.qld

Last Altered: Monday, July 06, 2020 19:31:35 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:41:04 Pacific Daylight Time

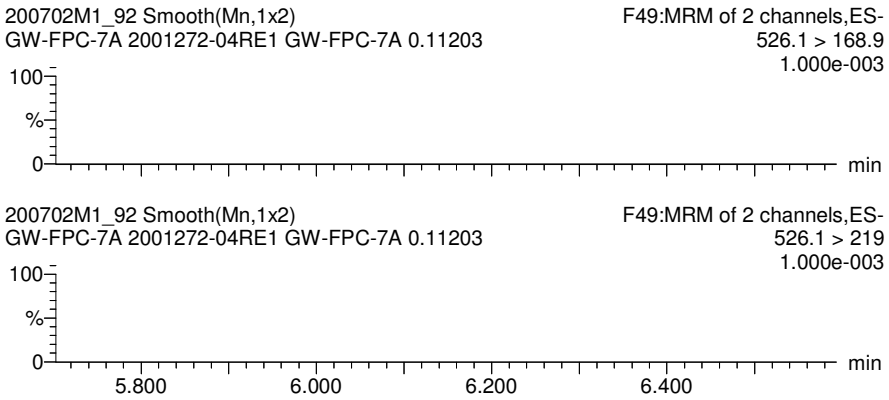
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_92, Date: 03-Jul-2020, Time: 07:11:36, ID: 2001272-04RE1 GW-FPC-7A 0.11203, Description: GW-FPC-7A

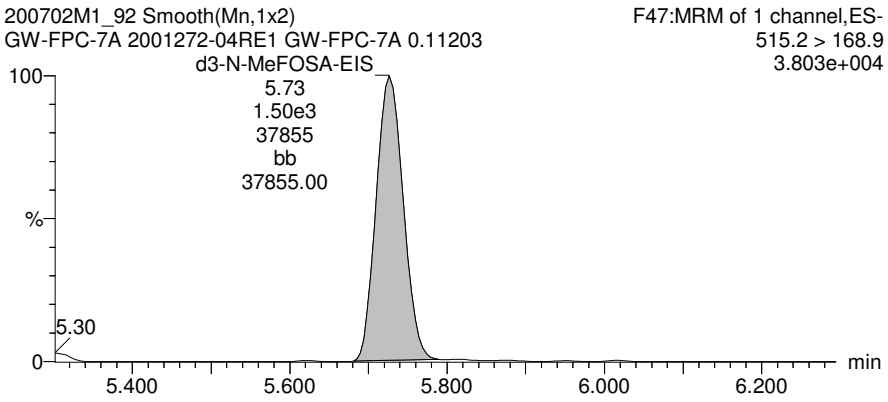
N-MeFOSA



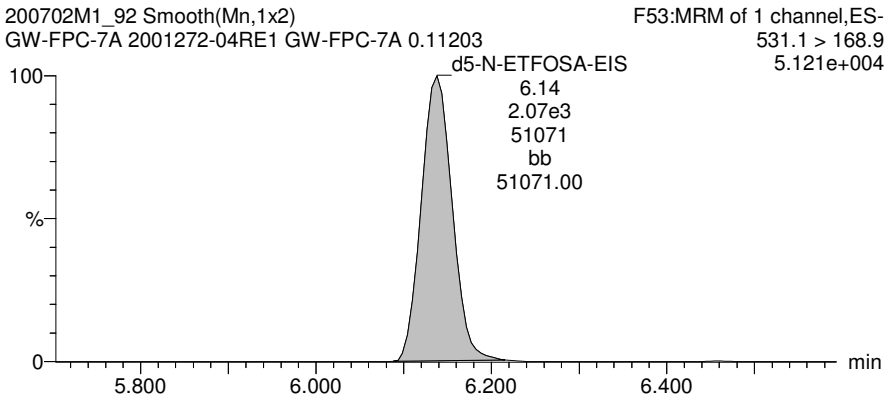
N-EtFOSA



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		1.498e3	0.112							YES
2	42	N-EtFOSA	526.1 > 168.9		2.066e3	0.112							YES
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.498e3		0.112	74.578	5.73	1497.687	179.257	13.5		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.066e3		0.112	110.195	6.14	2066.345	167.382	12.6		

GM 7/6/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4.229e2	3.209e3	0.118		1.10	1.10	1.65	9.313			
2	4	PFPeA	263.1 > 218.9	9.538e2	4.324e3	0.118		2.06	2.06	2.76	24.914			
3	5	PFBS	299.0 > 79.7	9.823e1	1.180e3	0.118		2.35	2.35	1.04	4.562		2.55	NO
4	7	PFHxA	313.0 > 269.0	1.666e3	7.387e3	0.118		2.88	2.88	2.82	21.509		18.3	NO
5	11	PFHpA	363.0 > 318.9	3.509e2	5.183e3	0.118		3.52	3.52	0.846	5.801		11.5	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.209e3		0.118	211.507	0.84	1.10	3210	128.826	121.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.324e3		0.118	430.335	2.06	2.06	4320	85.328	80.4		
8	51	13C3-PFBS-EIS	302.0 > 99	1.180e3		0.118	119.139	2.49	2.35	1180	84.072	79.2		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.387e3		0.118	810.703	3.06	2.88	7390	77.369	72.9		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.183e3		0.118	538.644	3.59	3.52	5180	81.697	77.0		
11	-1													
12	13	L-PFHxS	399 > 80.0	6.316e1	3.026e3	0.118		3.67	3.67	0.261	1.360		5.02	NO
13	1...	Total PFHxS	399 > 80	6.316e1	3.026e3	0.118		3.83		0.261	1.360			
14	15	6:2 FTS	427 > 407.0		1.381e3	0.118		3.97						YES
15	19	PFHpS	448.9 > 80.0		3.271e3	0.118		4.18						YES
16	21	PFNA	463.0 > 418.8	8.542e1	9.680e3	0.118		4.48	4.48	0.110	1.138		11.2	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.026e3		0.118	297.710	3.80	3.67	3030	86.317	81.3		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.026e3		0.118	297.710	3.80	3.67	3030	86.317	81.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.381e3		0.118	189.343	4.04	3.97	1380	61.941	58.4		
20	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.680e3		0.118	1024.035	4.68	4.48	9680	80.263	75.6		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.922e3	1.058e4	0.118		4.03	4.03	2.27	12.561		3.49	NO
24	1...	Total PFOA	412.8 > 368.9	1.922e3	1.058e4	0.118		4.20		2.27	12.561			
25	23	L-PFOS	499 > 80	8.934e1	3.271e3	0.118		4.56	4.41	0.341	2.415		3.52	YES
26	1...	Total PFOS	499 > 80	8.934e1	3.271e3	0.118		4.73		0.341	2.415			
27	22	PFOSA	498.0 > 78.0	7.391e1	2.572e3	0.118		4.52	4.53	0.359	3.153		17.2	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.058e4		0.118	1051.559	4.10	4.03	10600	85.398	80.5		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.058e4		0.118	1051.559	4.10	4.03	10600	85.398	80.5		
30	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		
31	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		
32	67	13C8-PFOSA-EIS	506. > 78	2.572e3		0.118	327.488	4.58	4.52	2570	66.698	62.8		
33	-1													
34	26	PFDA	513 > 468.8		9.918e3	0.118		4.86						YES
35	27	8:2 FTS	526.9 > 507.0		2.050e3	0.118		4.83						YES
36	29	L-MeFOSAA	570 > 419		7.232e3	0.118		5.01						YES

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.232e3	0.118		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.369e4	0.118		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.918e3		0.118	1015.350	4.90	4.86	9920	82.945	78.1		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	2.050e3		0.118	213.425	4.88	4.83	2050	81.546	76.8		
41	77	d3-N-MeFOSAA-EIS	573. > 419	7.232e3		0.118	959.325	5.25	5.01	7230	64.016	60.3		
42	77	d3-N-MeFOSAA-EIS	573. > 419	7.232e3		0.118	959.325	5.25	5.01	7230	64.016	60.3		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.369e4		0.118	1526.144	5.23	5.19	13700	76.189	71.8		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		5.900e3	0.118		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	5.900e3	0.118		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.271e3	0.118		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.642e4	0.118		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.642e4	0.118		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.900e3		0.118	833.625	5.21	5.17	5900	60.101	56.6		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.900e3		0.118	833.625	5.21	5.17	5900	60.101	56.6		
52	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		
53	83	13C2-PFDoA-EIS	615 > 570	1.642e4		0.118	1936.260	5.51	5.48	16400	72.016	67.9		
54	83	13C2-PFDoA-EIS	615 > 570	1.642e4		0.118	1936.260	5.51	5.48	16400	72.016	67.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		9.291e3	0.118		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		1.660e3	0.118		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		1.747e3	0.118		5.95						YES
59	43	PFHxDA	813.1 > 768.6		9.791e3	0.118		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		2.315e3	0.118		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	9.291e3		0.118	1229.760	5.98	5.96	9290	64.150	60.4		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.660e3		0.118	89.439	5.60	5.51	1660	157.563	12.4		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.747e3		0.118	145.327	6.03	5.97	1750	102.089	8.1		
64	93	13C2-PFHxDA-EIS	815 > 769.7	9.791e3		0.118	1833.619	6.55	6.31	9790	45.342	42.7		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	2.315e3		0.118	57.460	6.23	6.23	2310	342.056	27.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		2.679e3	0.118		6.38						
68	1...	TDCA	498.3>106.9			0.118		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		
70	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		
71	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	2.679e3		0.118	67.369	6.38	6.38	2680	337.697	26.7		

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.271e3		0.118	323.537	4.88	4.56	3270	85.838	80.9		

RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

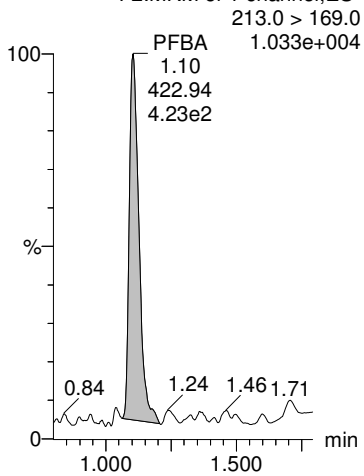
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

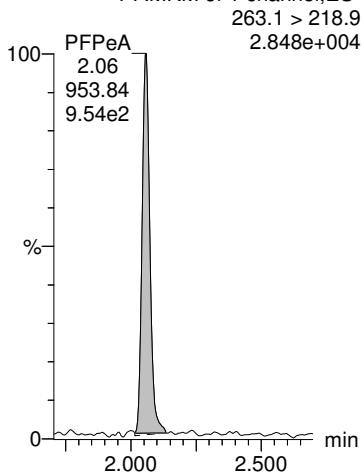
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 17:54:51
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

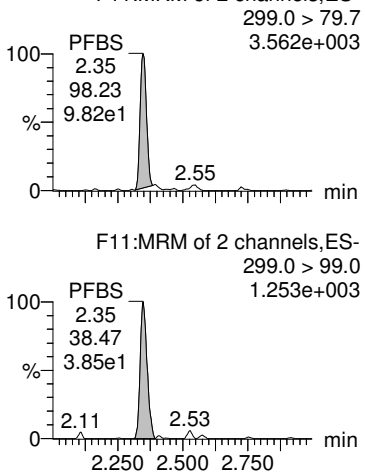
PFBA



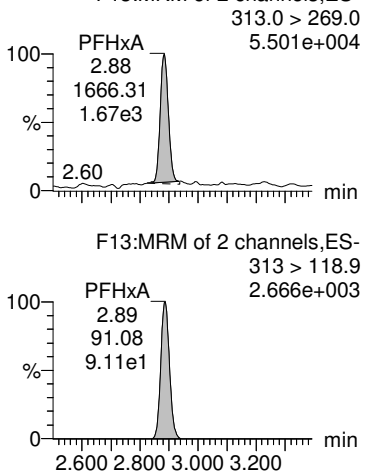
PFPeA



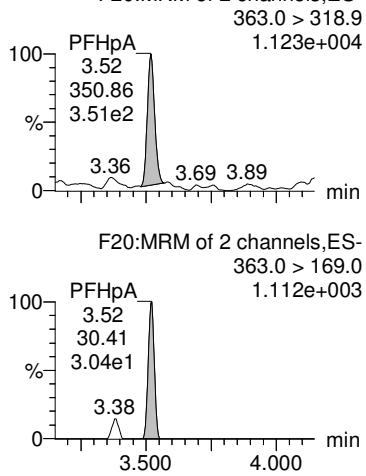
PFBS



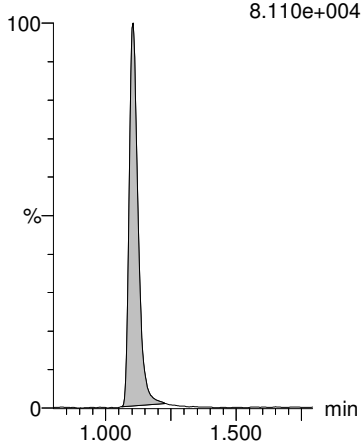
PFHxA



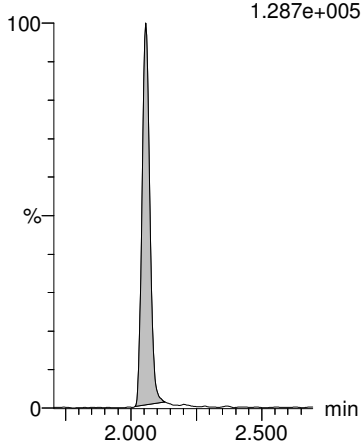
PFHpA



13C3-PFBA-EIS



13C3-PFPeA-EIS



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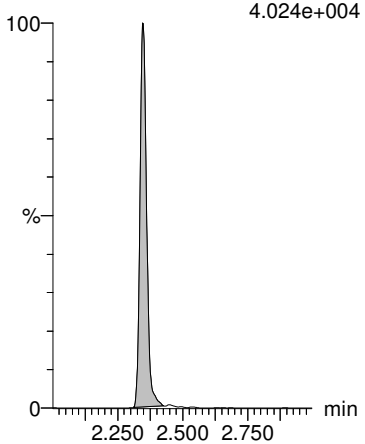
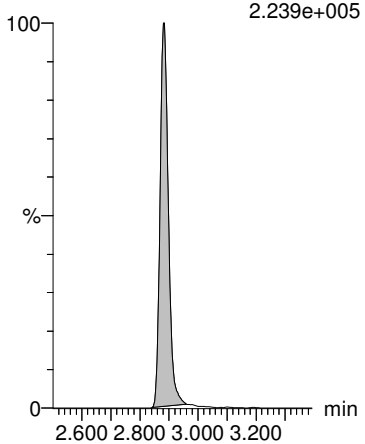


13C2-PFHxA-EIS



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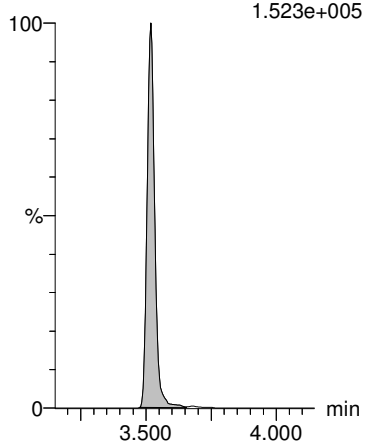


RK 6/30/2020

Vista Analytical Laboratory L26

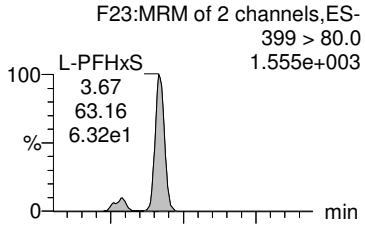
Review: AMR 7/1/2020

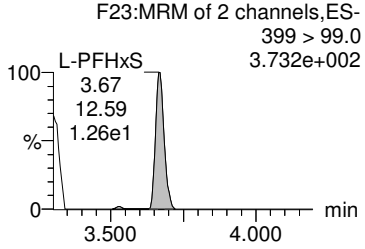
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

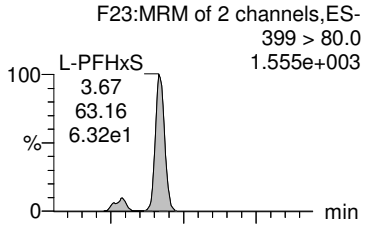
Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

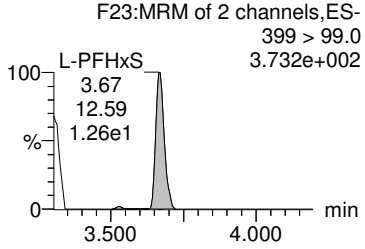
L-PFHxS



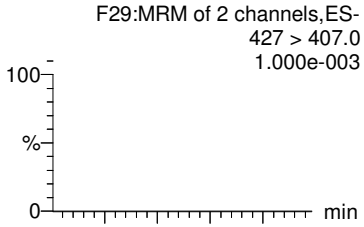


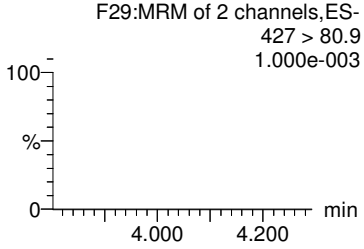
Total PFHxS





6:2 FTS





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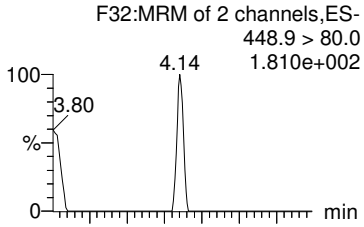

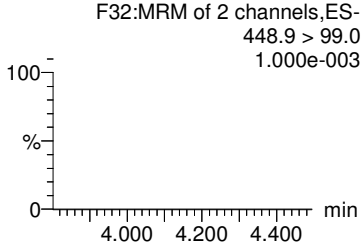

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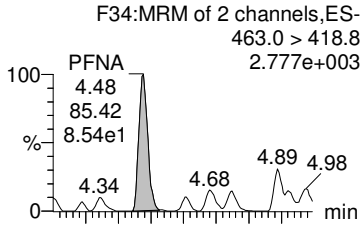

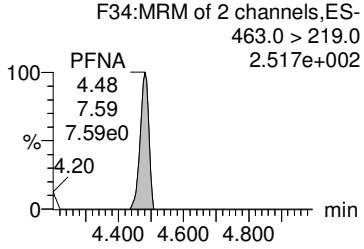

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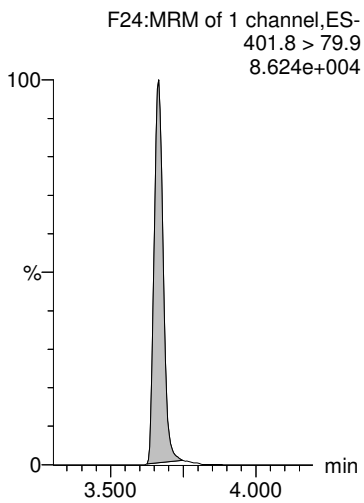

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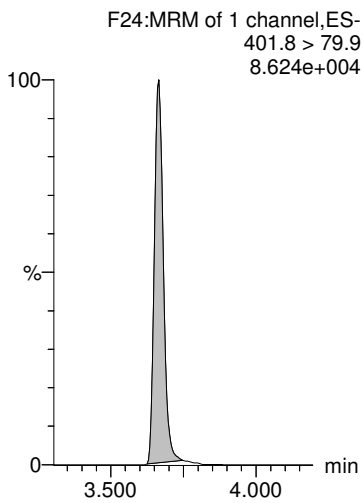
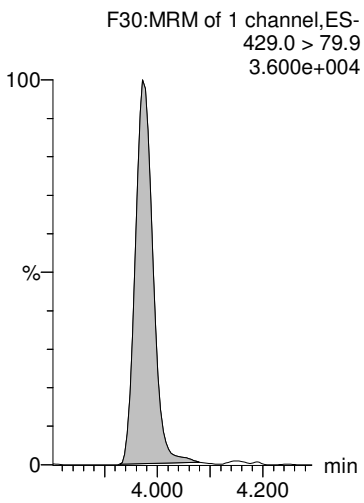
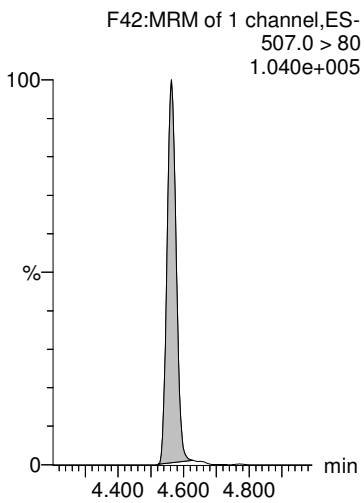


13C2-6:2 FTS-EIS



13C8-PFOS-EIS



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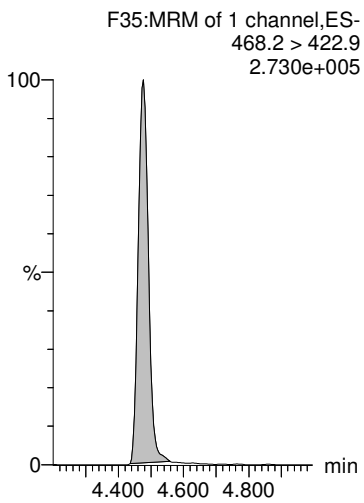


RK 6/30/2020

Vista Analytical Laboratory L26

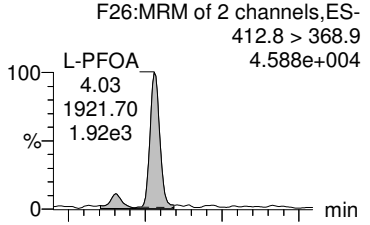
Review: AMR 7/1/2020

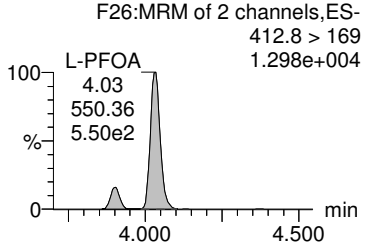
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

L-PFOA





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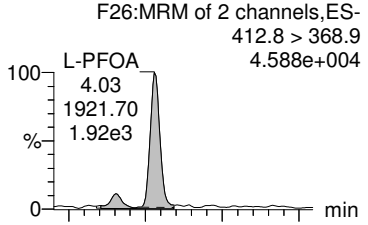
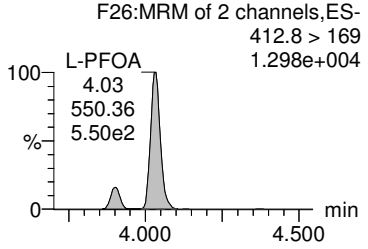
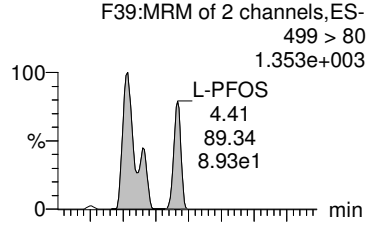
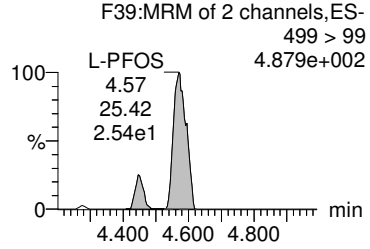


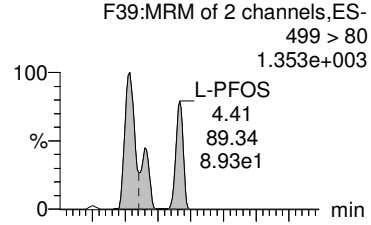


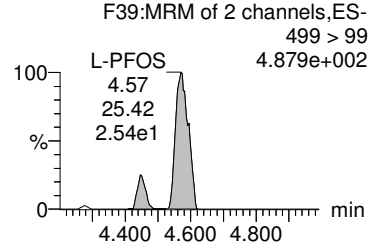
L-PFOS





Total PFOS





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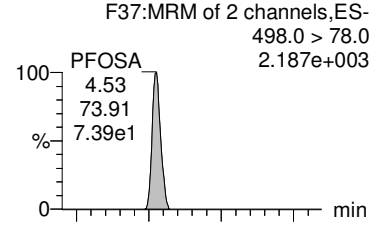

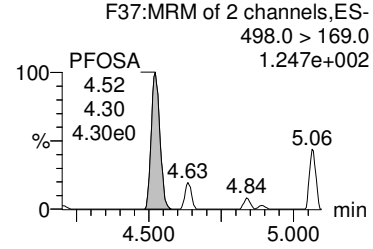

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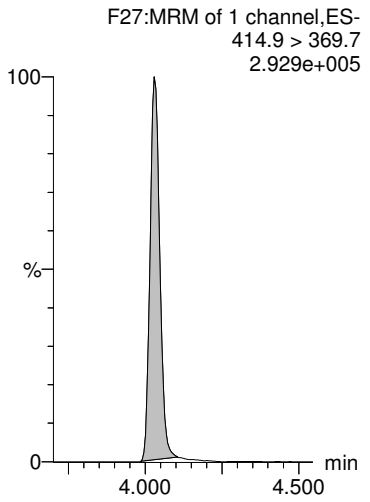

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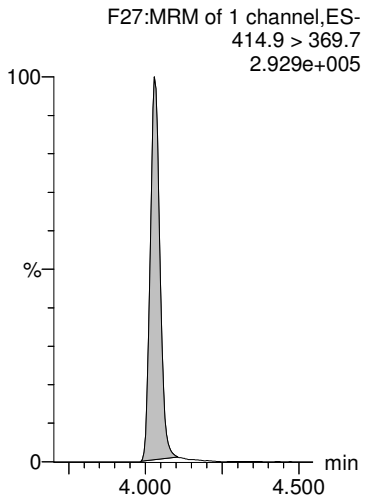

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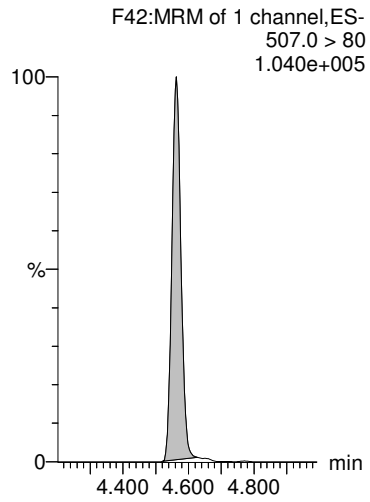

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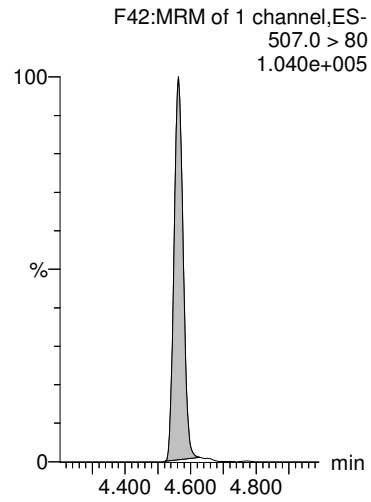

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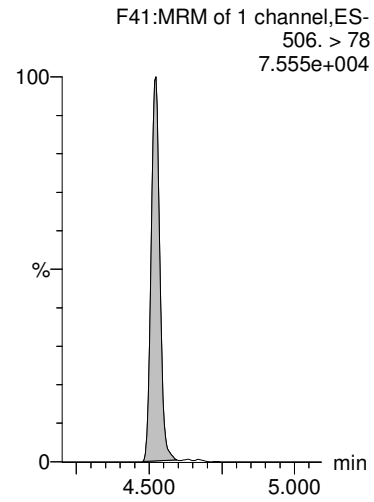


RK 6/30/2020

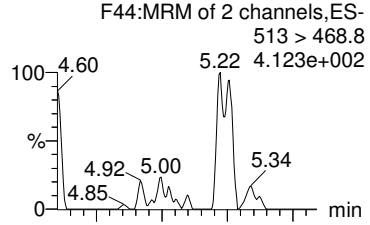
Review: AMR 7/1/2020

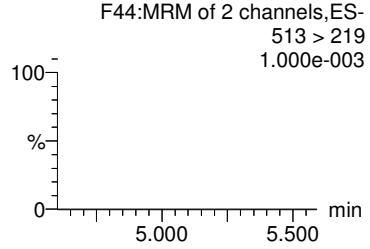
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

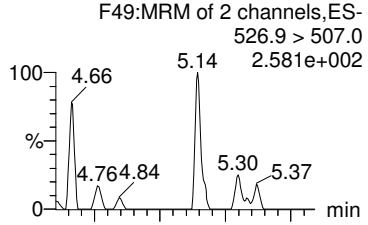
Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

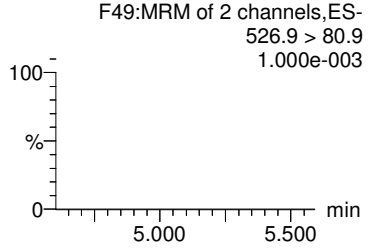
PFDA



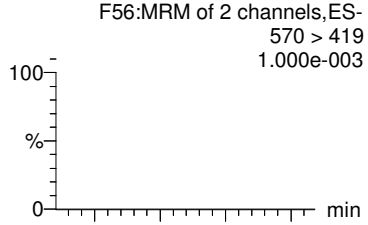


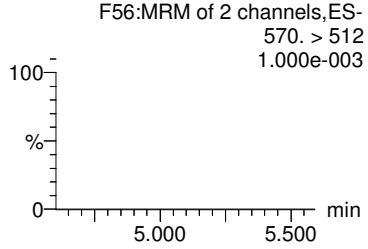
8:2 FTS





L-MeFOSAA





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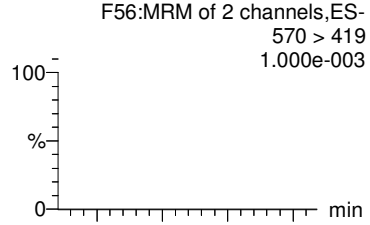
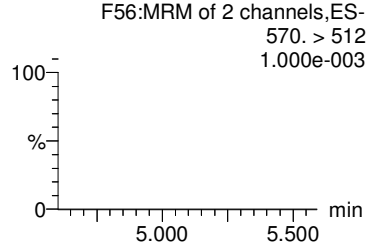
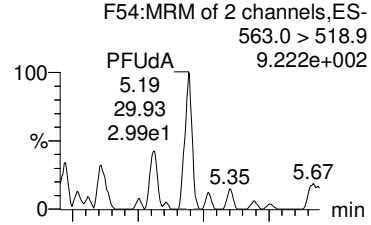
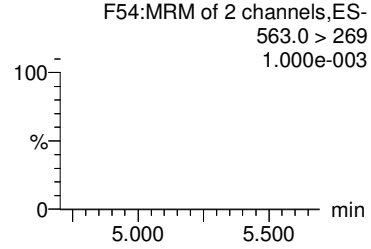




PFUdA





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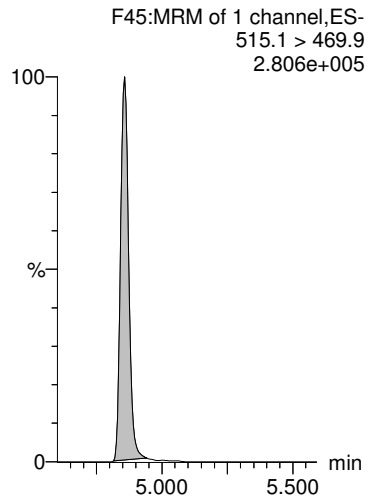
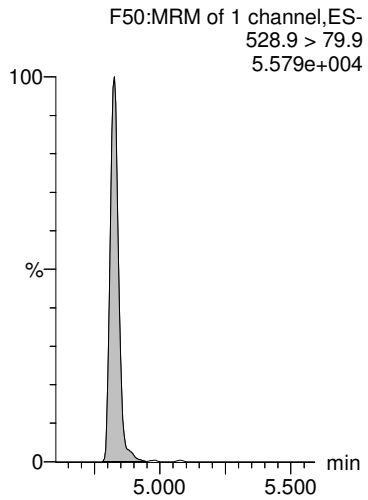
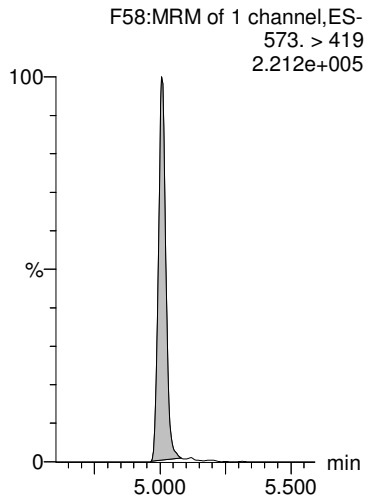


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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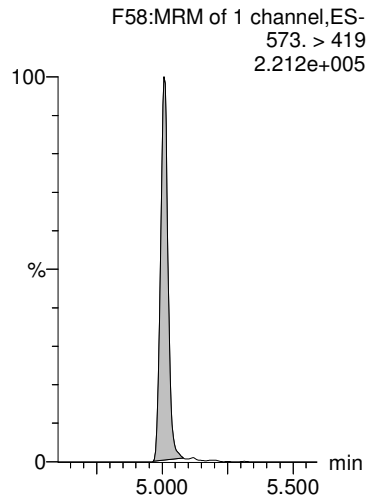

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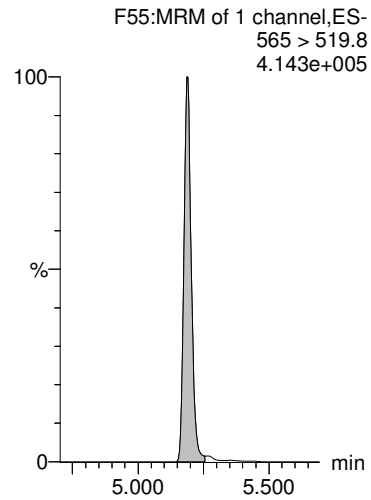


RK 6/30/2020

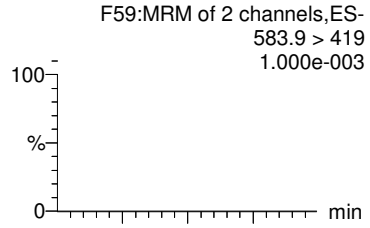
Review: AMR 7/1/2020

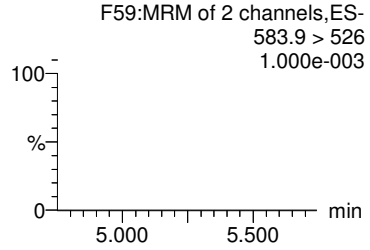
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

L-EtFOSAA





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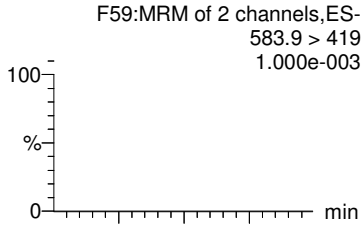

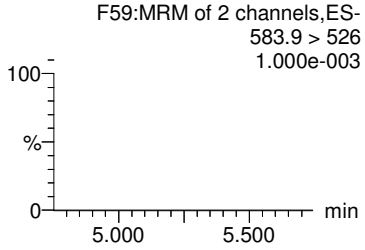

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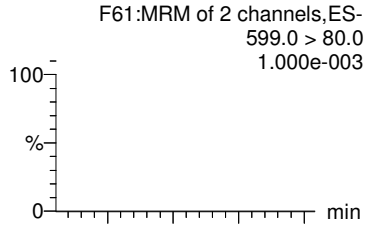

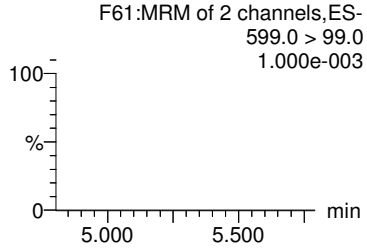

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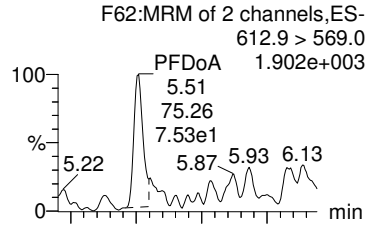
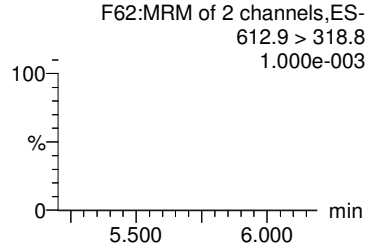
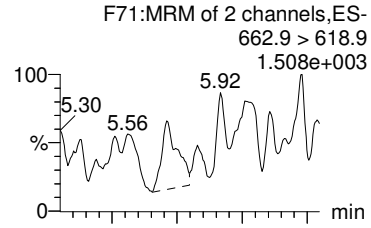
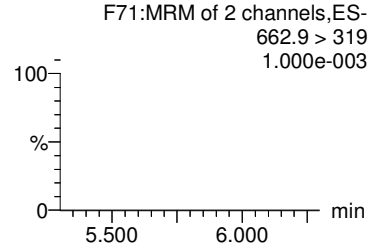


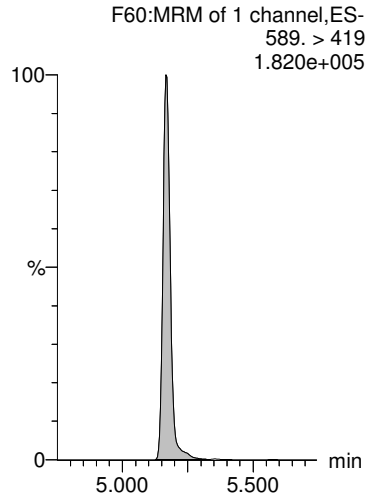


PFTrDA

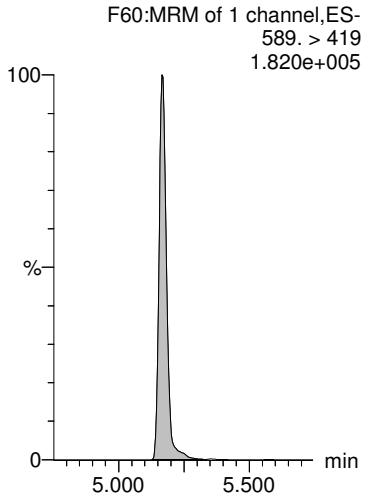




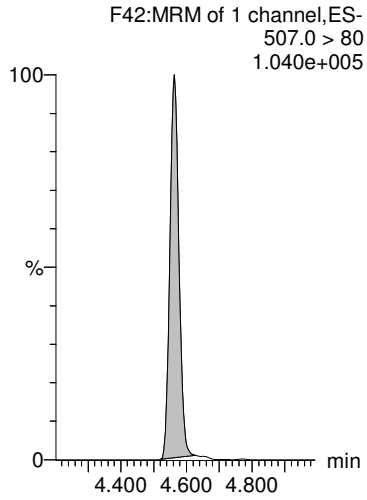
d5-N-EtFOSAA-EIS



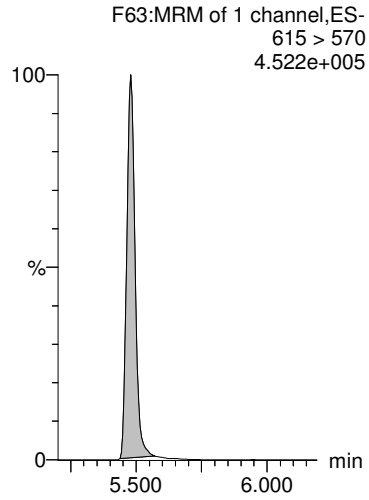
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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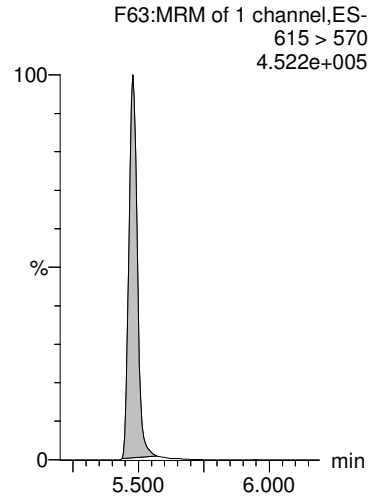


RK 6/30/2020

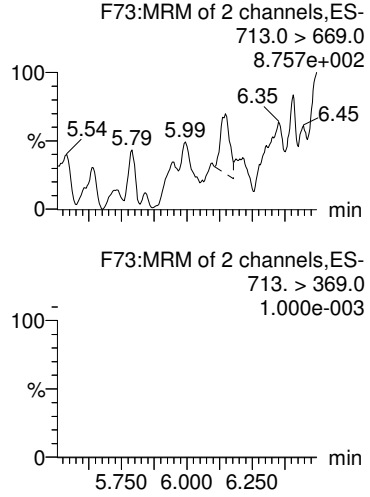
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

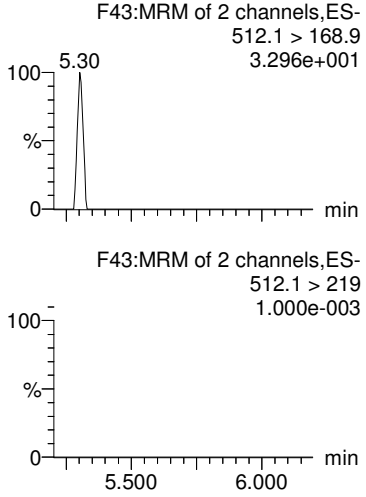
Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

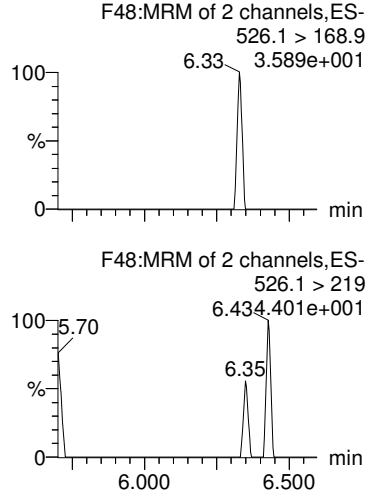
PFTeDA



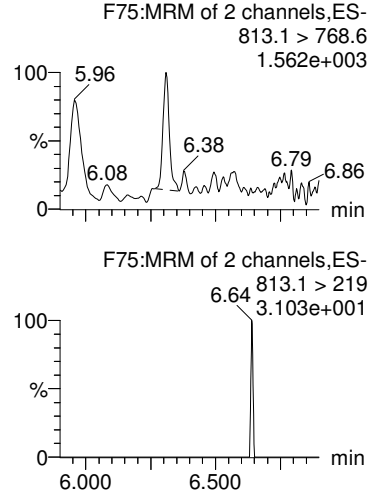
N-MeFOSA



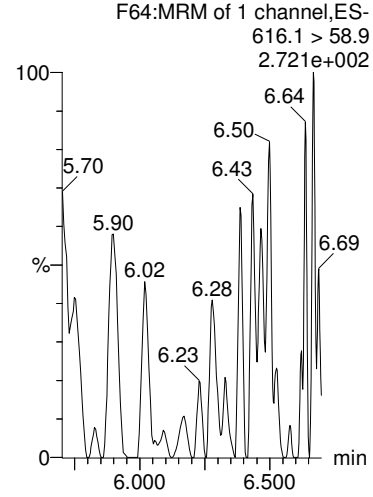
N-EtFOSA



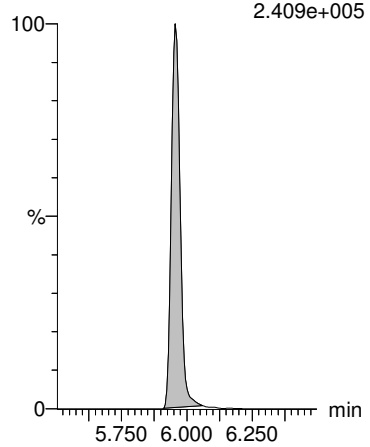
PFHxDA



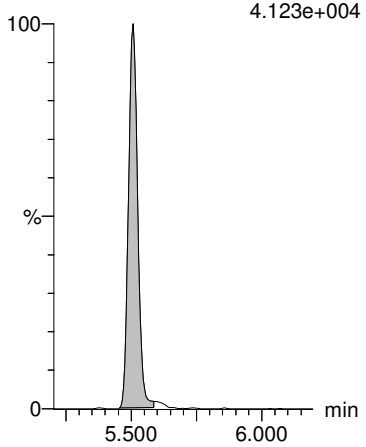
N-MeFOSE



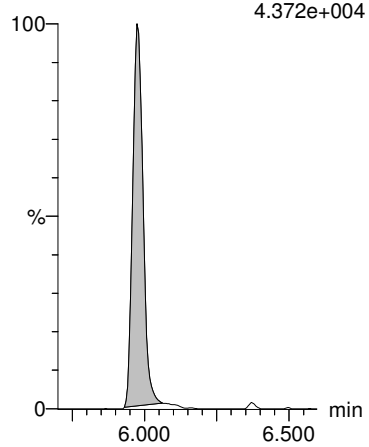
13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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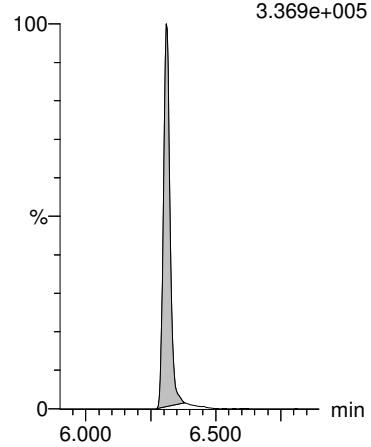
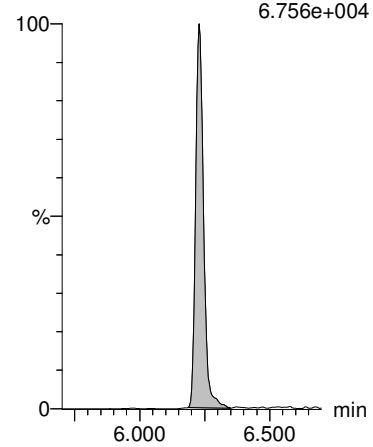


d7-N-MeFOSE-EIS



RK 6/30/2020

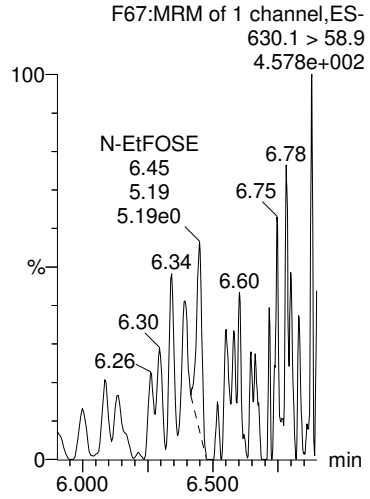
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-53.qld

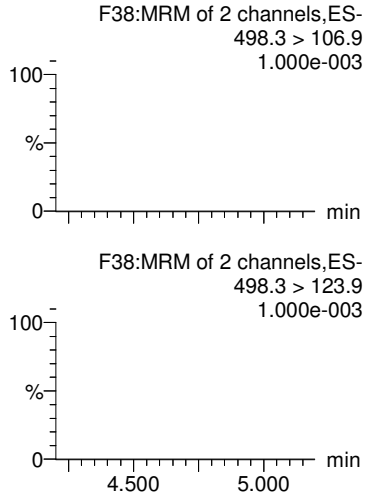
Last Altered: Tuesday, June 30, 2020 20:15:39 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:16:59 Pacific Daylight Time

Name: 200623M1_53, Date: 23-Jun-2020, Time: 21:20:37, ID: 2001272-05 GW-FPC-7B 0.11777, Description: GW-FPC-7B

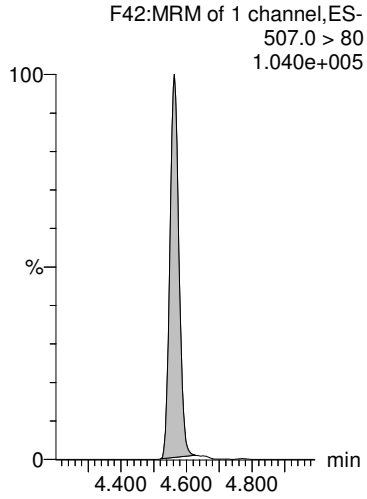
N-EtFOSE



TDCA



13C8-PFOS-EIS



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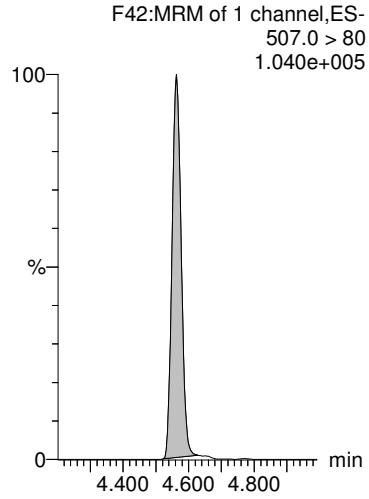
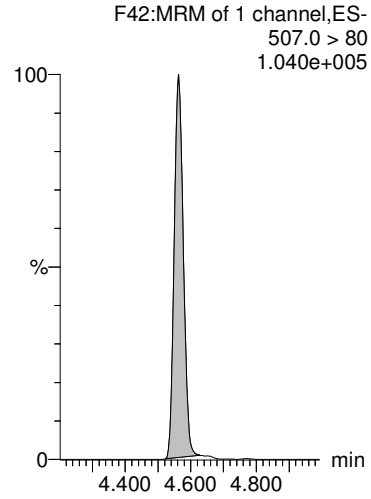
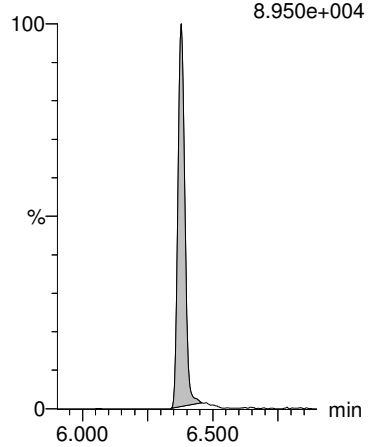


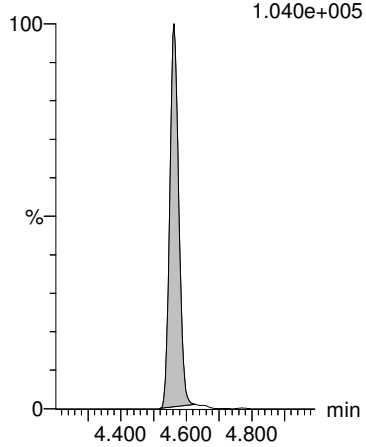
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/30/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

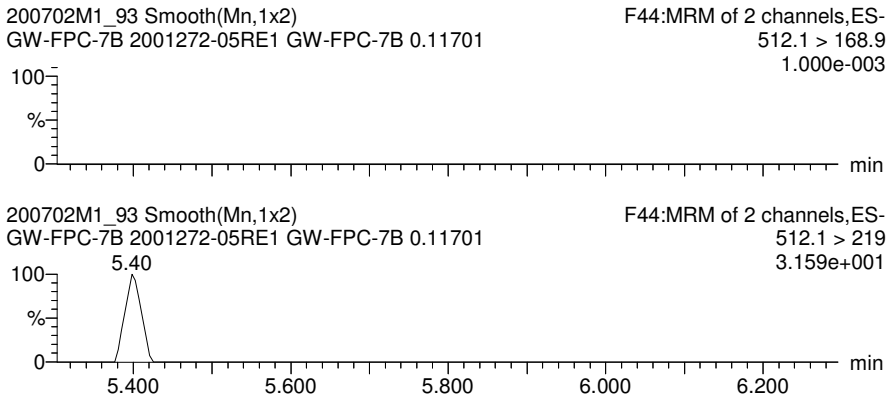
Dataset: M:\Projects\PFAS.PRO\Results\200702M1\200702M1-78-95.qld

Last Altered: Monday, July 06, 2020 19:31:35 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:41:06 Pacific Daylight Time

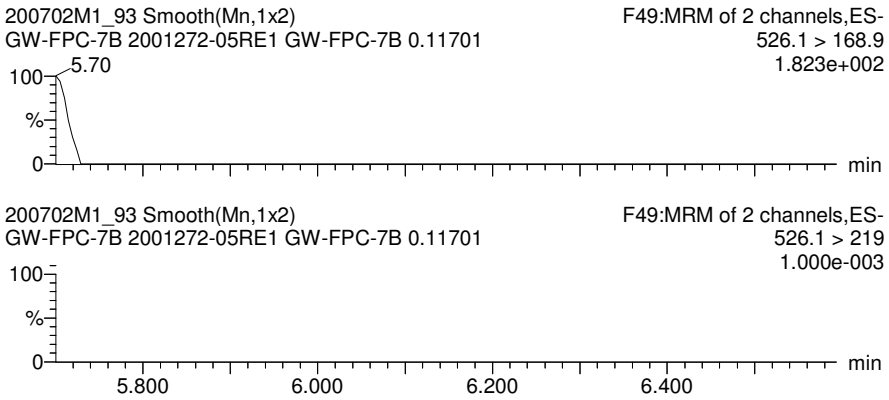
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_93, Date: 03-Jul-2020, Time: 07:22:01, ID: 2001272-05RE1 GW-FPC-7B 0.11701, Description: GW-FPC-7B

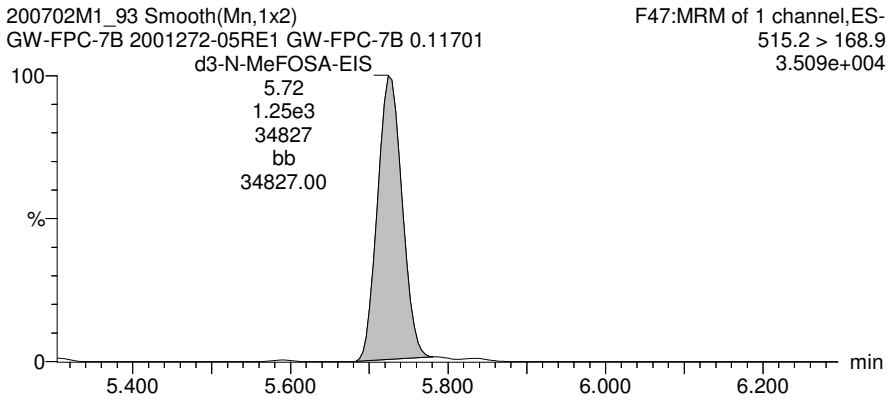
N-MeFOSA



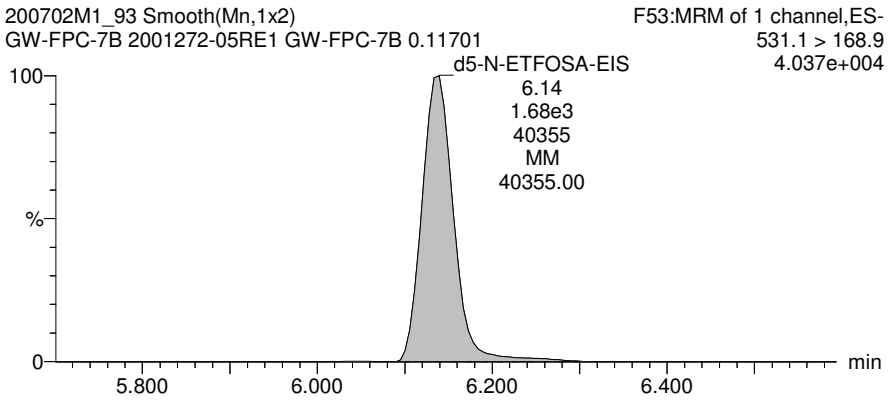
N-EtFOSA



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		1.253e3	0.117							YES
2	42	N-EtFOSA	526.1 > 168.9		1.682e3	0.117							YES
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.253e3		0.117	74.578	5.72	1253.005	143.588	11.3		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	1.682e3		0.117	110.195	6.14	1682.478	130.487	10.2		

GM 7/6/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.050e3	3.233e3	0.108		1.10	1.10	4.06	24.839			
2	4	PFPeA	263.1 > 218.9	1.841e3	4.543e3	0.108		2.06	2.06	5.07	50.152			
3	5	PFBS	299.0 > 79.7	9.339e1	1.169e3	0.108		2.35	2.35	0.999	4.772		3.87	NO
4	7	PFHxA	313.0 > 269.0	8.660e3	8.072e3	0.108		2.88	2.88	13.4	109.290		14.6	NO
5	11	PFHpA	363.0 > 318.9	1.398e4	5.360e3	0.108		3.52	3.52	32.6	244.352		10.8	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.233e3		0.108	211.507	0.84	1.10	3230	141.203	122.3		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.543e3		0.108	430.335	2.06	2.06	4540	97.518	84.5		
8	51	13C3-PFBS-EIS	302.0 > 99	1.169e3		0.108	119.139	2.49	2.35	1170	90.607	78.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.072e3		0.108	810.703	3.06	2.88	8070	91.969	79.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.360e3		0.108	538.644	3.59	3.52	5360	91.922	79.6		
11	-1													
12	13	L-PFHxS	399 > 80.0	5.177e2	2.738e3	0.108		3.67	3.67	2.36	22.809		1.96	NO
13	1...	Total PFHxS	399 > 80	5.177e2	2.738e3	0.108		3.83		2.36	22.809			
14	15	6:2 FTS	427 > 407.0		1.383e3	0.108		3.97						YES
15	19	PFHpS	448.9 > 80.0	1.814e2	3.100e3	0.108		4.18	4.15	0.732	6.694		3.19	NO
16	21	PFNA	463.0 > 418.8	1.510e4	9.772e3	0.108		4.48	4.48	19.3	141.924		4.22	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.738e3		0.108	297.710	3.80	3.67	2740	84.964	73.6		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.738e3		0.108	297.710	3.80	3.67	2740	84.964	73.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.383e3		0.108	189.343	4.04	3.97	1380	67.475	58.4		
20	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.772e3		0.108	1024.035	4.68	4.48	9770	88.144	76.3		
22	-1													
23	16	L-PFOA	412.8 > 368.9	7.234e4	1.027e4	0.108		4.03	4.03	88.1	557.513		3.71	NO
24	1...	Total PFOA	412.8 > 368.9	7.234e4	1.027e4	0.108		4.20		88.1	557.513			
25	23	L-PFOS	499 > 80	1.127e4	3.100e3	0.108		4.56	4.56	45.4	413.448		2.20	NO
26	1...	Total PFOS	499 > 80	1.127e4	3.100e3	0.108		4.73		45.4	413.448			
27	22	PFOSA	498.0 > 78.0	2.472e2	2.287e3	0.108		4.52	4.52	1.35	13.087		45.0	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.027e4		0.108	1051.559	4.10	4.03	10300	90.208	78.1		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.027e4		0.108	1051.559	4.10	4.03	10300	90.208	78.1		
30	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		
31	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		
32	67	13C8-PFOSA-EIS	506. > 78	2.287e3		0.108	327.488	4.58	4.52	2290	64.505	55.9		
33	-1													
34	26	PFDA	513 > 468.8	2.534e3	1.025e4	0.108		4.86	4.86	3.09	18.547		5.59	NO
35	27	8:2 FTS	526.9 > 507.0	5.885e0	1.865e3	0.108		4.83	4.82	0.0394			0.552	NO
36	29	L-MeFOSAA	570 > 419		6.869e3	0.108		5.01						YES

RK 6/26/2020

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	6.869e3	0.108		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.502e4	0.108		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.025e4		0.108	1015.350	4.90	4.86	10300	93.279	80.8		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.865e3		0.108	213.425	4.88	4.83	1860	80.709	69.9		
41	77	d3-N-MeFOSAA-EIS	573. > 419	6.869e3		0.108	959.325	5.25	5.01	6870	66.135	57.3		
42	77	d3-N-MeFOSAA-EIS	573. > 419	6.869e3		0.108	959.325	5.25	5.01	6870	66.135	57.3		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.502e4		0.108	1526.144	5.23	5.19	15000	90.891	78.7		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	1.055e1	6.079e3	0.108		5.17	5.17	0.0217	1.168		3.21	NO
46	1...	Total N-EtFOSAA	583.9 > 419	1.055e1	6.079e3	0.108		5.33		0.0217	1.168			
47	34	PFDS	599.0 > 80.0		3.100e3	0.108		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.643e4	0.108		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.643e4	0.108		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.079e3		0.108	833.625	5.21	5.17	6080	67.364	58.3		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.079e3		0.108	833.625	5.21	5.17	6080	67.364	58.3		
52	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		
53	83	13C2-PFDoA-EIS	615 > 570	1.643e4		0.108	1936.260	5.51	5.48	16400	78.394	67.9		
54	83	13C2-PFDoA-EIS	615 > 570	1.643e4		0.108	1936.260	5.51	5.48	16400	78.394	67.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		9.028e3	0.108		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		3.042e3	0.108		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		4.463e3	0.108		5.96						YES
59	43	PFHxDA	813.1 > 768.6		7.895e3	0.108		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		4.845e3	0.108		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	9.028e3		0.108	1229.760	5.98	5.96	9030	67.812	58.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.042e3		0.108	89.439	5.60	5.51	3040	314.163	22.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.463e3		0.108	145.327	6.03	5.98	4460	283.665	20.6		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.895e3		0.108	1833.619	6.55	6.31	7890	39.771	34.4		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.845e3		0.108	57.460	6.23	6.23	4850	778.931	56.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		5.634e3	0.108		6.38						
68	1...	TDCA	498.3>106.9			0.108		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		
70	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		
71	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.634e3		0.108	67.369	6.38	6.38	5630	772.533	56.1		

RK 6/26/2020

Vista Analytical Laboratory L26

Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.100e3		0.108	323.537	4.88	4.56	3100	88.516	76.7		

RK 6/26/2020

Review: AMR 6/30/2020

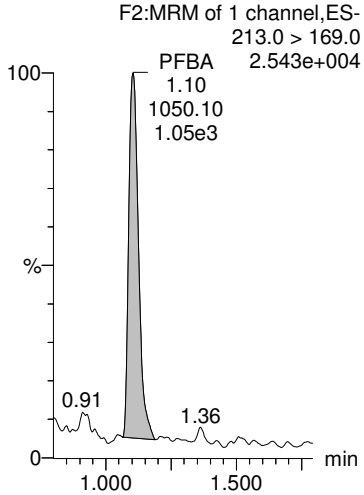
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 18:04:27
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

PFBA



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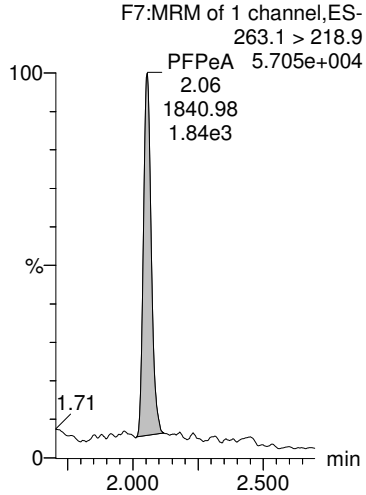

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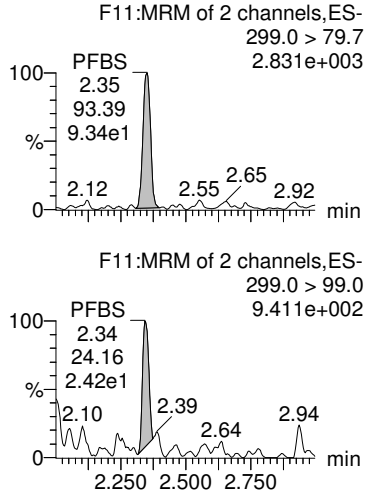

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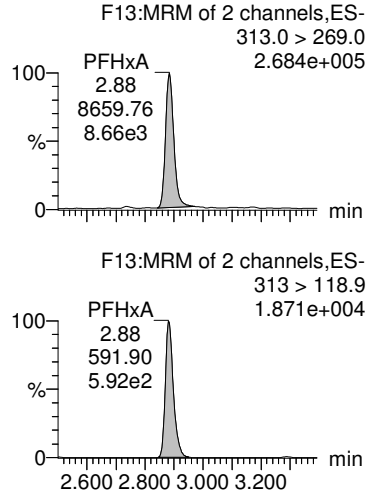

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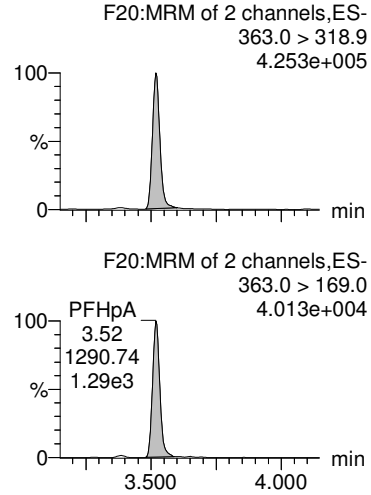

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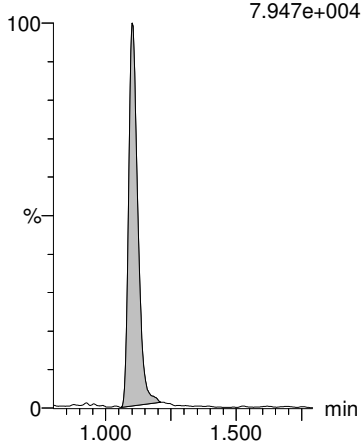

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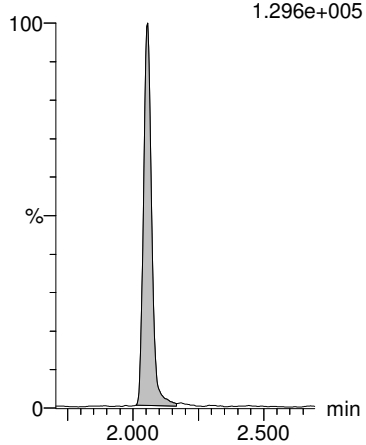

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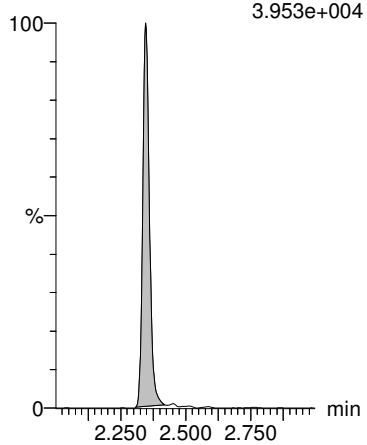

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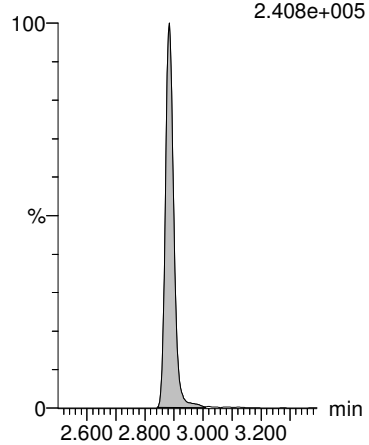
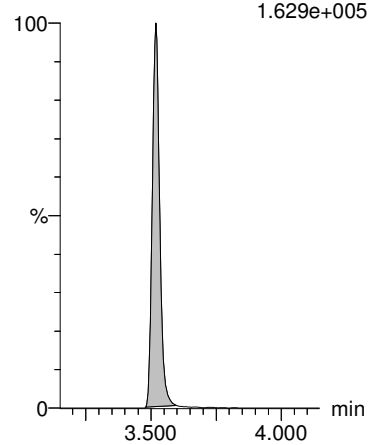


13C4-PFHpA-EIS



RK 6/26/2020

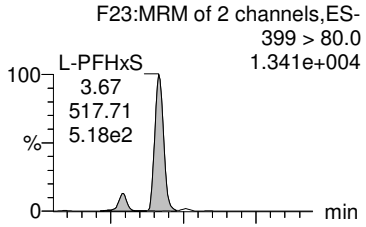
Review: AMR 6/30/2020

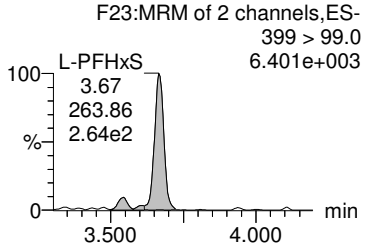
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

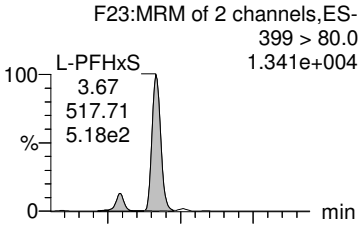
Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

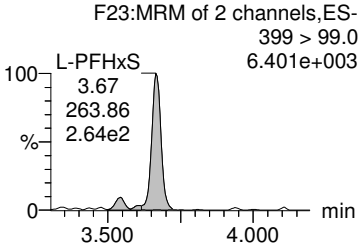
L-PFHxS



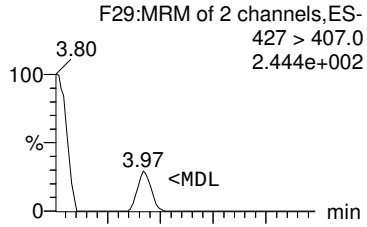


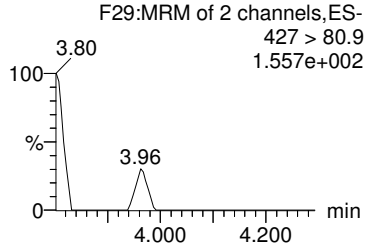
Total PFHxS





6:2 FTS





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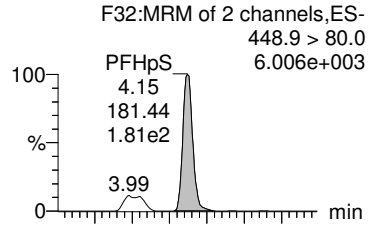

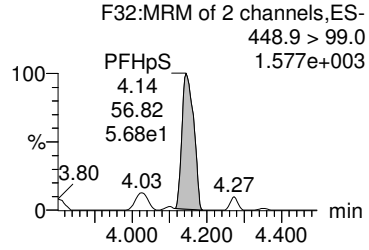

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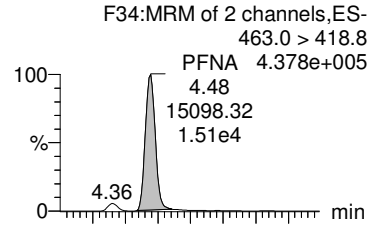

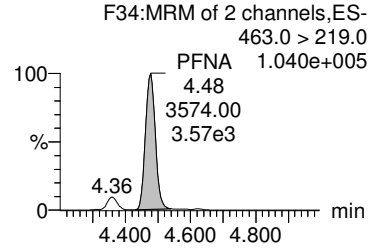

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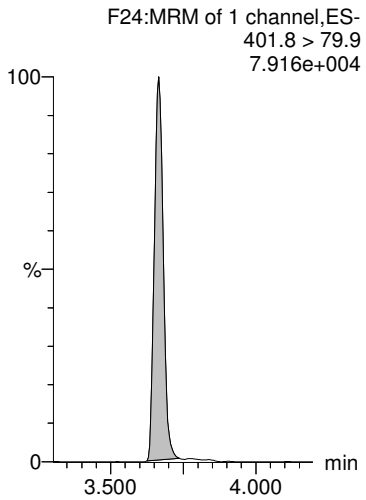

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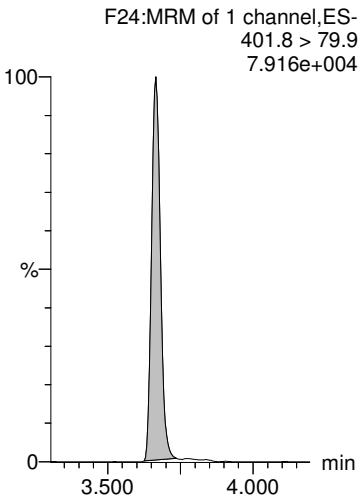
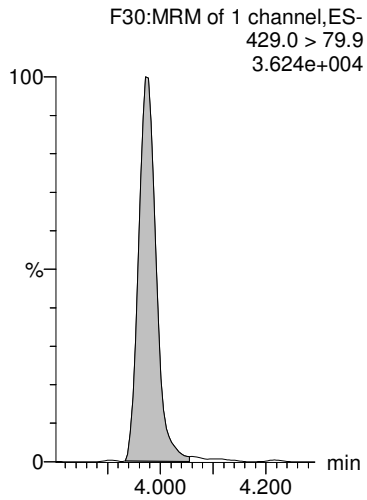
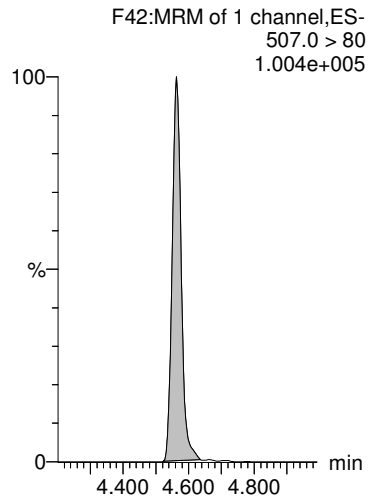


13C2-6:2 FTS-EIS



13C8-PFOS-EIS



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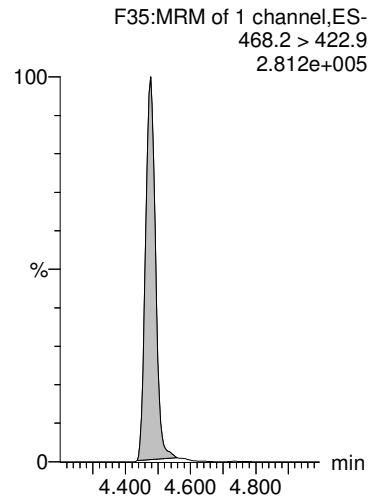


RK 6/26/2020

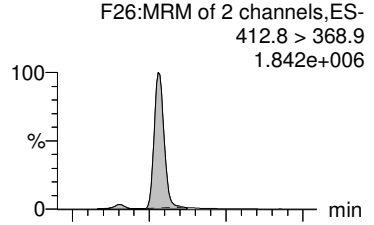
Review: AMR 6/30/2020

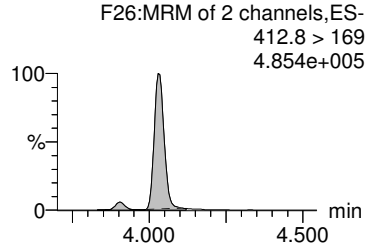
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

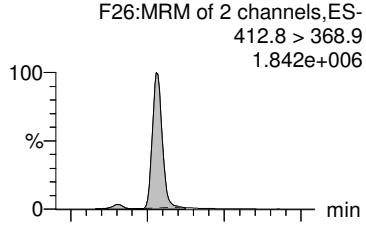
Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

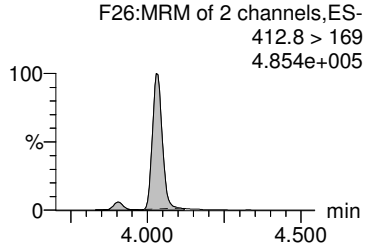
L-PFOA



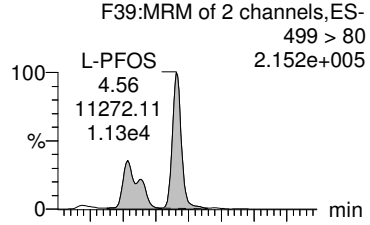


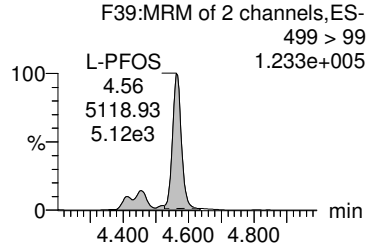
Total PFOA



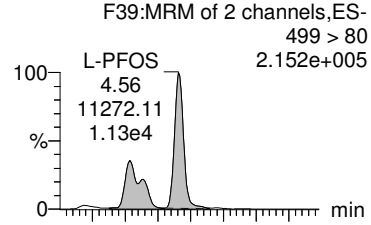


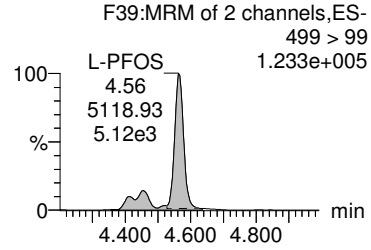
L-PFOS





Total PFOS





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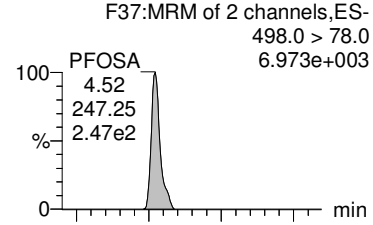

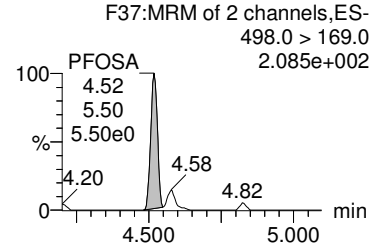

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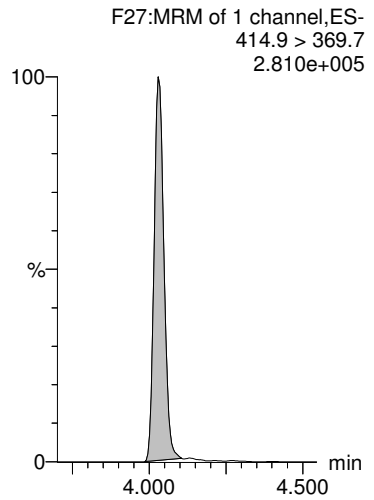

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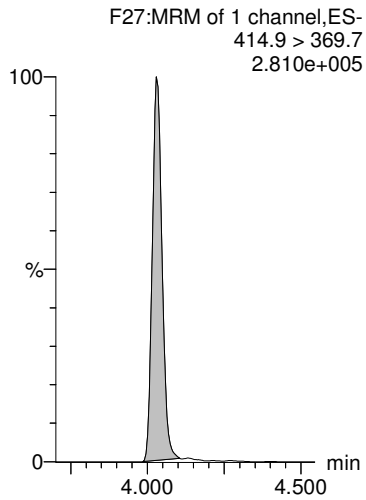
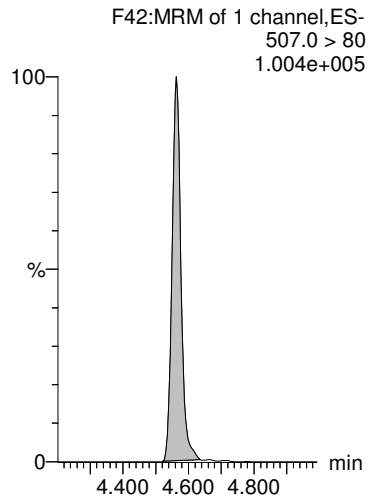


13C8-PFOS-EIS



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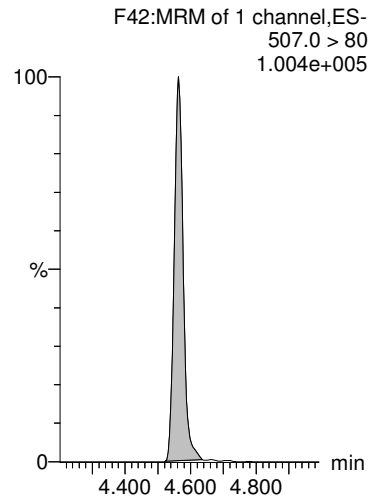

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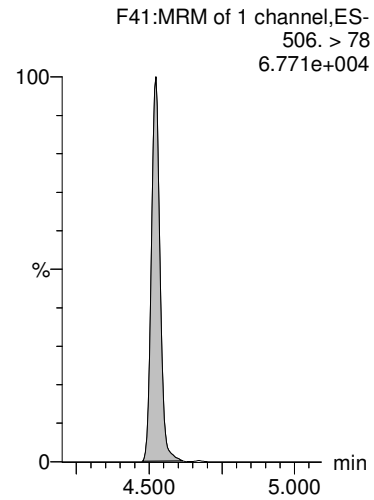


RK 6/26/2020

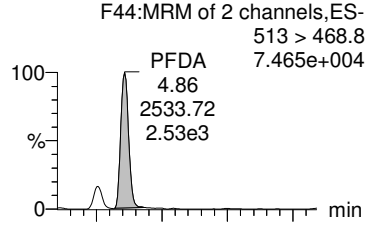
Review: AMR 6/30/2020

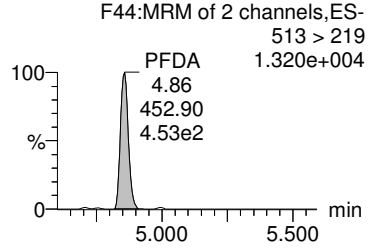
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

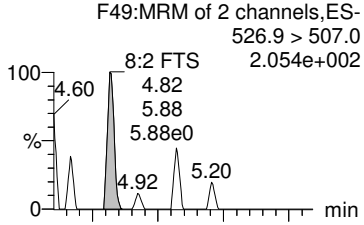
Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

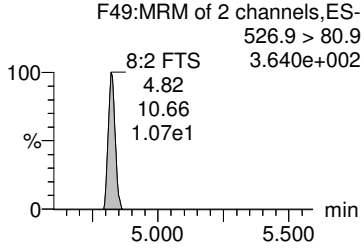
PFDA



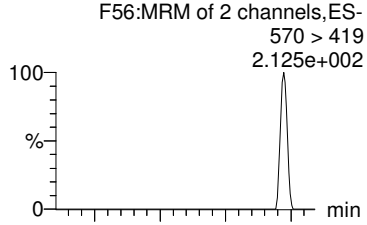


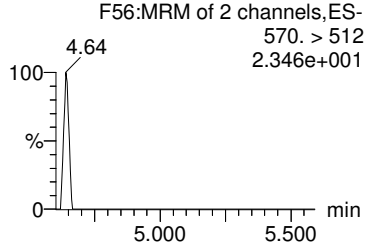
8:2 FTS



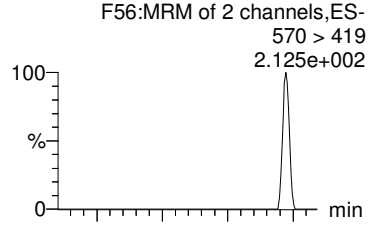


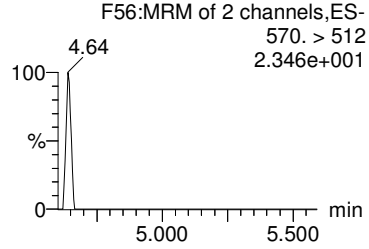
L-MeFOSAA



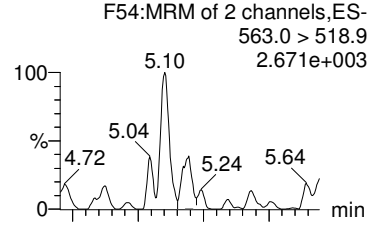


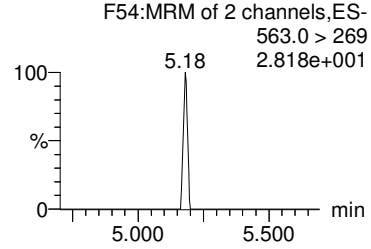
Total N-MeFOSAA



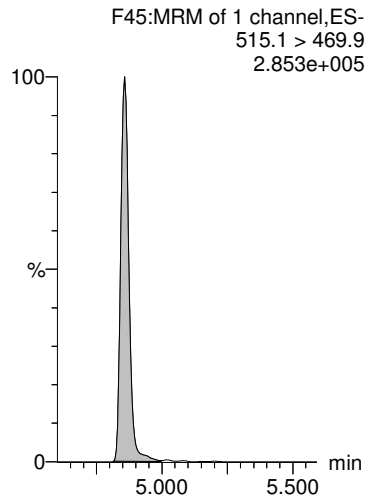


PFUdA

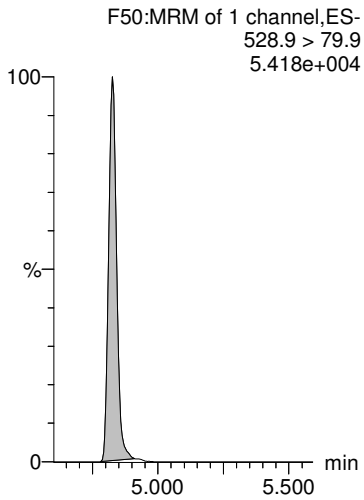




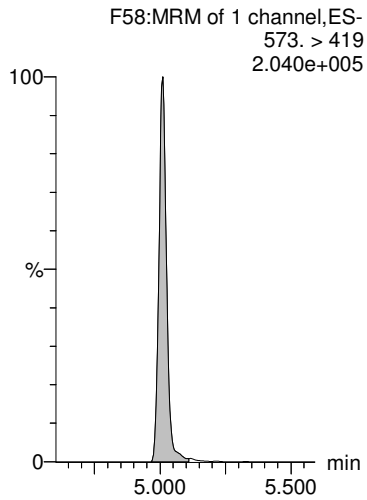
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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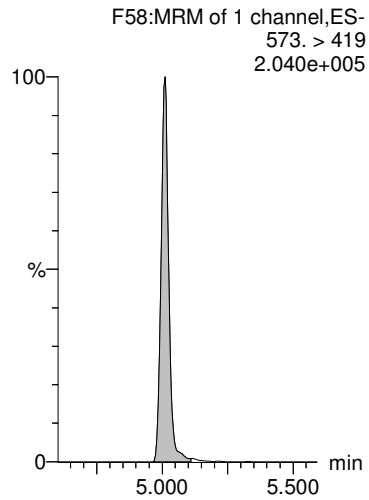

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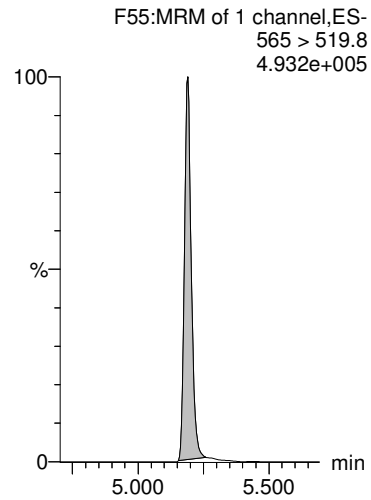


RK 6/26/2020

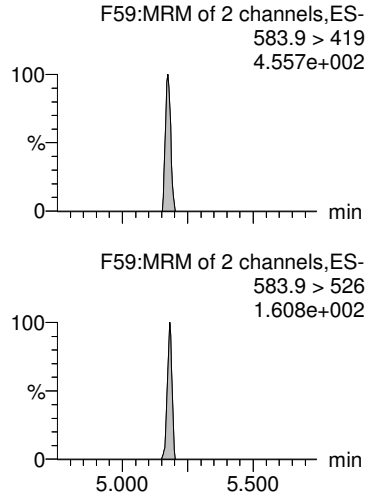
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

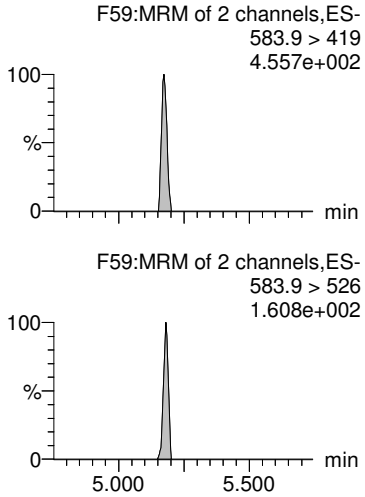
Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

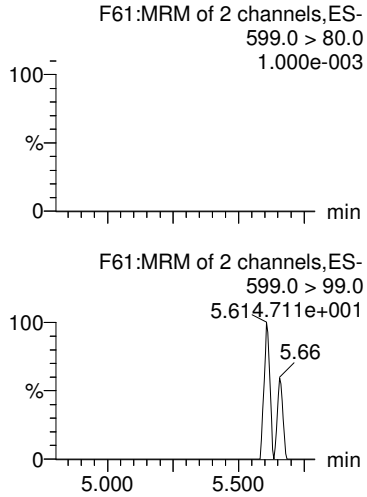
L-EtFOSAA



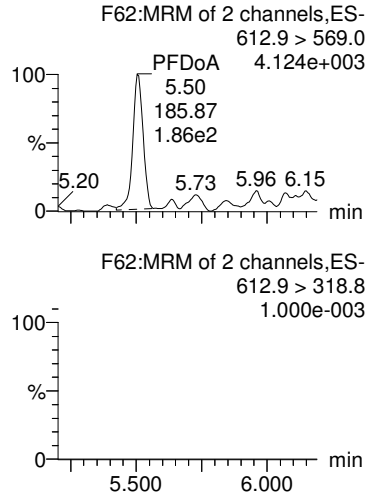
Total N-EtFOSAA



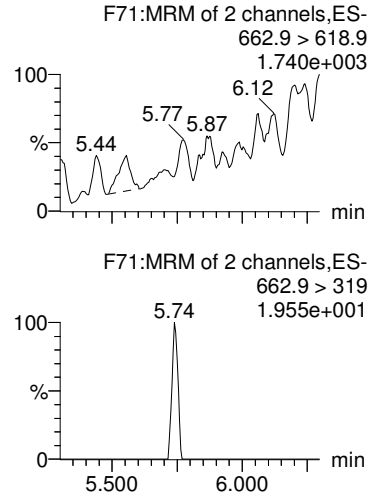
PFDS



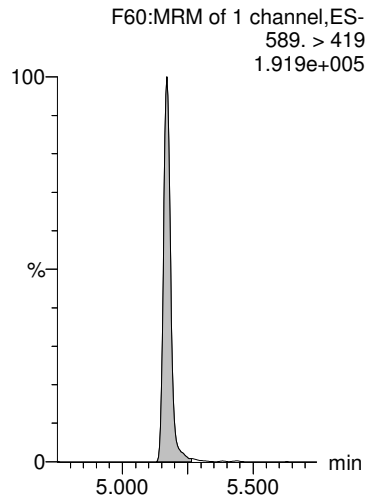
PFDoA



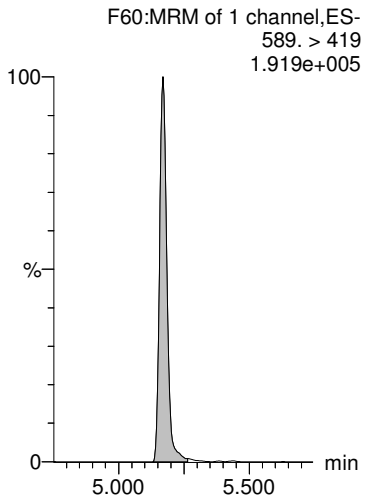
PFTrDA



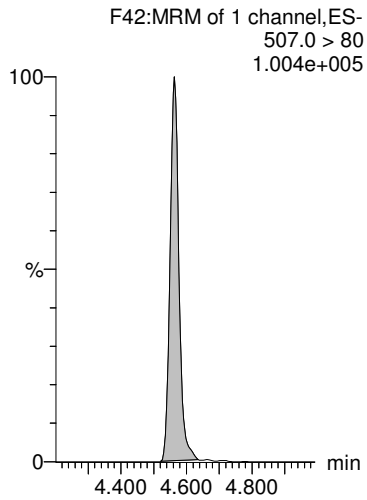
d5-N-EtFOSAA-EIS



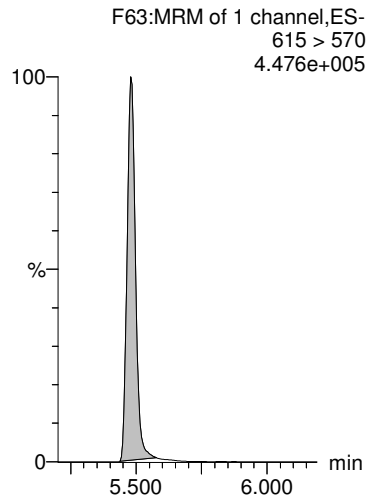
d5-N-EtFOSAA-EIS



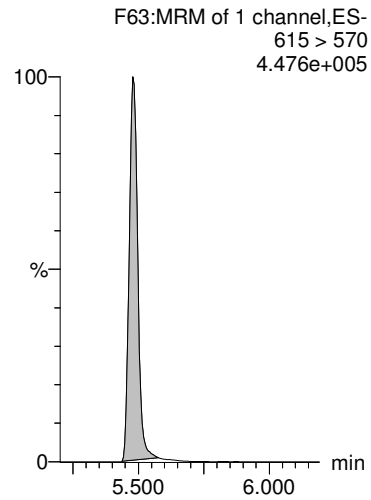
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS



RK 6/26/2020

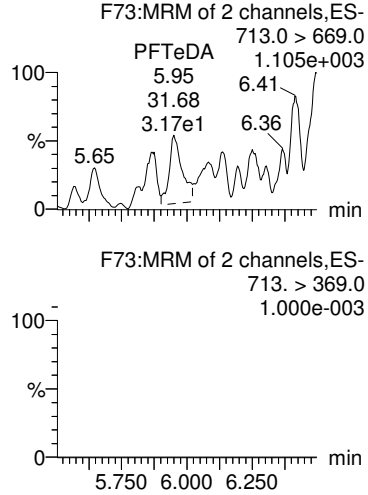
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

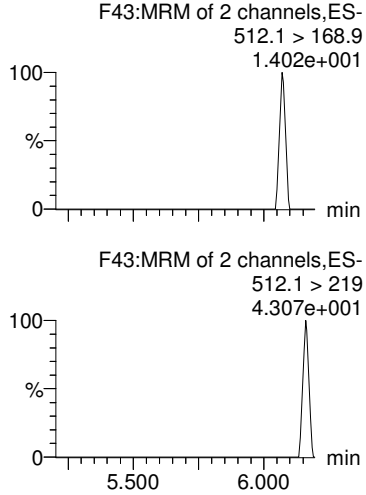
Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

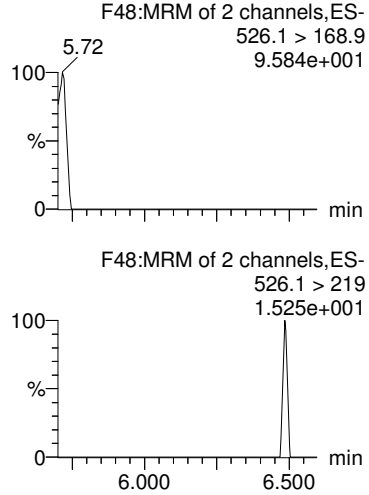
PFTeDA



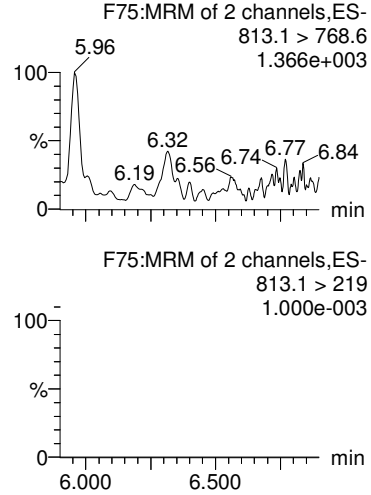
N-MeFOSA



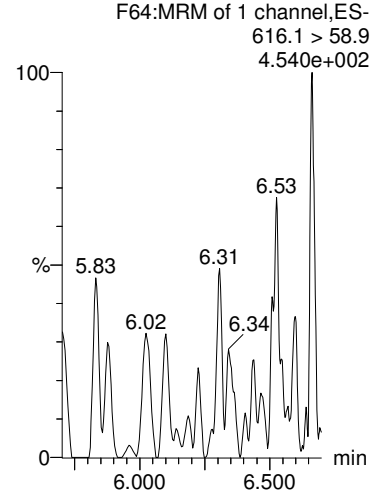
N-EtFOSA



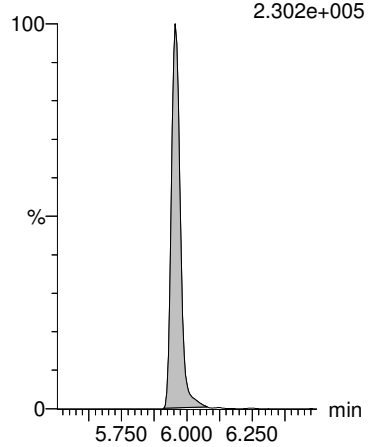
PFHxDA



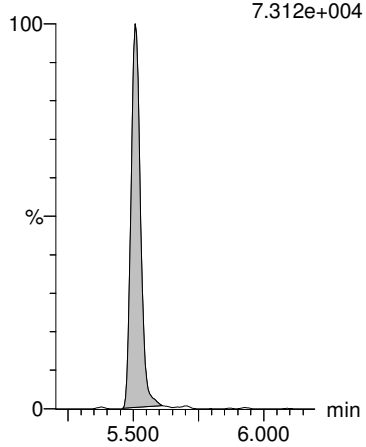
N-MeFOSE



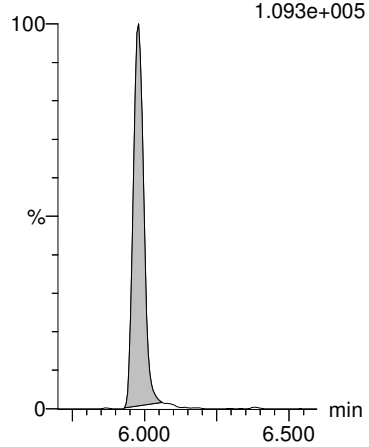
13C2-PFTeDA-EIS



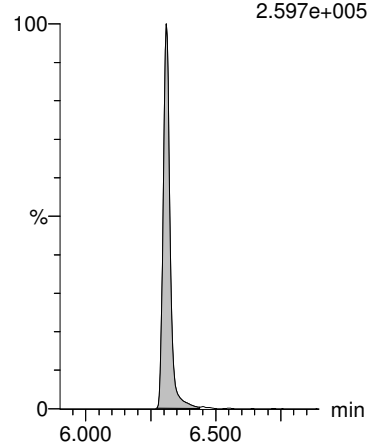
d3-N-MeFOSA-EIS



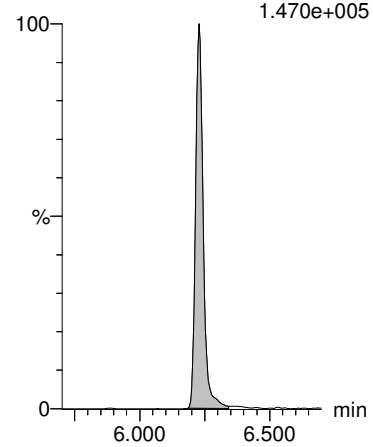
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



RK 6/26/2020

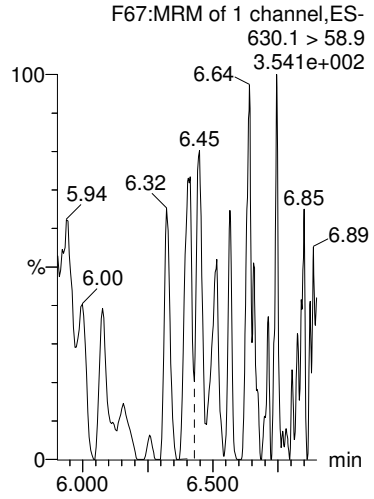
Review: AMR 6/30/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-54.qld

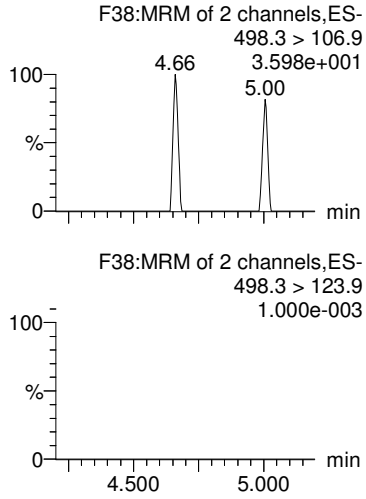
Last Altered: Friday, June 26, 2020 18:09:06 Pacific Daylight Time
Printed: Friday, June 26, 2020 18:09:34 Pacific Daylight Time

Name: 200623M1_54, Date: 23-Jun-2020, Time: 21:31:00, ID: 2001272-06 GW-AE-2A 0.10826, Description: GW-AE-2A

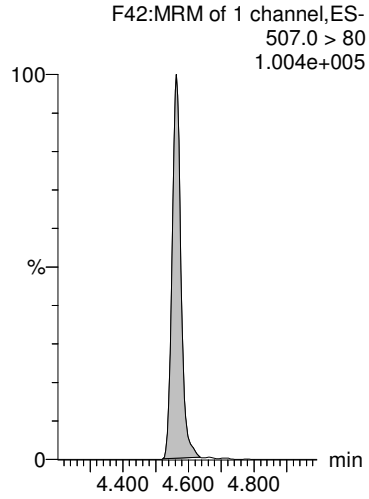
N-EtFOSE



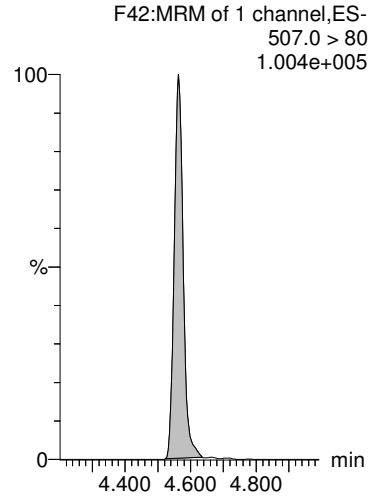
TDCA



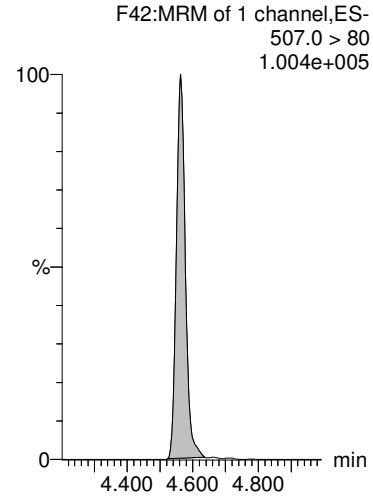
13C8-PFOS-EIS



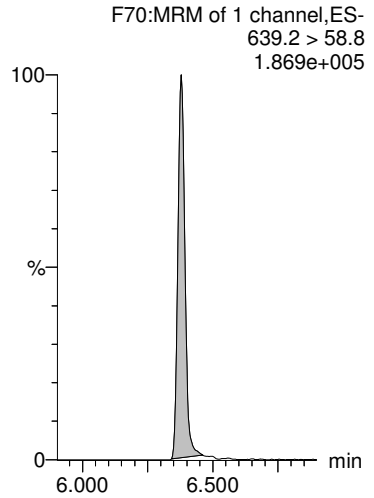
13C8-PFOS-EIS



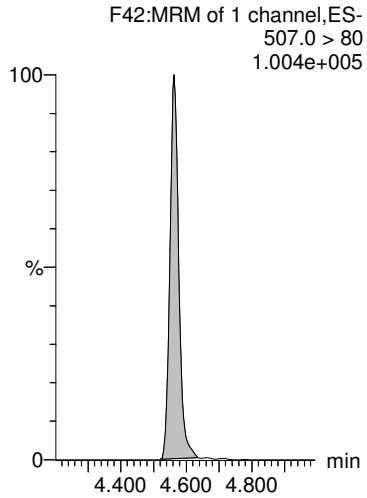
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/26/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2.734e3	2.020e3	0.237		1.10	1.10	16.9	47.086			
2	4	PFPeA	263.1 > 218.9	7.638e3	4.088e3	0.237		2.06	2.06	23.4	105.911			
3	5	PFBS	299.0 > 79.7	6.148e2	1.143e3	0.237		2.35	2.35	6.72	13.981		2.34	NO
4	7	PFHxA	313.0 > 269.0	3.287e4	7.421e3	0.237		2.88	2.88	55.4	205.810		16.3	NO
5	11	PFHpA	363.0 > 318.9	4.290e4	4.768e3	0.237		3.52	3.52	112	383.323		10.7	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.020e3		0.237	211.507	0.84	1.10	2020	40.242	76.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.088e3		0.237	430.335	2.06	2.06	4090	40.041	76.0		
8	51	13C3-PFBS-EIS	302.0 > 99	1.143e3		0.237	119.139	2.49	2.35	1140	40.434	76.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.421e3		0.237	810.703	3.06	2.88	7420	38.579	73.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.768e3		0.237	538.644	3.59	3.52	4770	37.307	70.8		
11	-1													
12	13	L-PFHxS	399 > 80.0	4.365e3	2.754e3	0.237		3.67	3.67	19.8	89.404		1.64	NO
13	1...	Total PFHxS	399 > 80	4.365e3	2.754e3	0.237		3.83		19.8	89.404			
14	15	6:2 FTS	427 > 407.0	5.185e1	1.584e3	0.237		3.98	3.98	0.409	0.561		1.76	NO
15	19	PFHpS	448.9 > 80.0	7.570e2	3.118e3	0.237		4.19	4.15	3.04	13.553		2.29	NO
16	21	PFNA	463.0 > 418.8	2.667e4	9.282e3	0.237		4.48	4.48	35.9	120.245		3.96	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.754e3		0.237	297.710	3.80	3.67	2750	38.981	74.0		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.754e3		0.237	297.710	3.80	3.67	2750	38.981	74.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.584e3		0.237	189.343	4.04	3.98	1580	35.253	66.9		
20	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.282e3		0.237	1024.035	4.68	4.48	9280	38.200	72.5		
22	-1													
23	16	L-PFOA	412.8 > 368.9	2.170e5	1.006e4	0.237		4.03	4.03	270	766.299		3.44	NO
24	1...	Total PFOA	412.8 > 368.9	2.170e5	1.006e4	0.237		4.20		270	766.299			
25	23	L-PFOS	499 > 80	2.704e4	3.118e3	0.237		4.57	4.57	108	445.188		2.04	NO
26	1...	Total PFOS	499 > 80	2.704e4	3.118e3	0.237		4.73		108	445.188			
27	22	PFOSA	498.0 > 78.0	3.862e2	2.727e3	0.237		4.52	4.53	1.77	7.831		39.8	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.006e4		0.237	1051.559	4.10	4.03	10100	40.315	76.5		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.006e4		0.237	1051.559	4.10	4.03	10100	40.315	76.5		
30	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		
31	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		
32	67	13C8-PFOSA-EIS	506. > 78	2.727e3		0.237	327.488	4.58	4.52	2730	35.096	66.6		
33	-1													
34	26	PFDA	513 > 468.8	2.856e3	1.085e4	0.237		4.86	4.86	3.29	9.009		5.00	YES
35	27	8:2 FTS	526.9 > 507.0	2.218e1	1.976e3	0.237		4.83	4.83	0.140	0.127		0.904	NO
36	29	L-MeFOSAA	570 > 419		7.545e3	0.237		5.01						YES

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.545e3	0.237		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.493e4	0.237		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.085e4		0.237	1015.350	4.90	4.86	10800	45.033	85.5		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.976e3		0.237	213.425	4.88	4.83	1980	39.024	74.1		
41	77	d3-N-MeFOSAA-EIS	573. > 419	7.545e3		0.237	959.325	5.25	5.01	7540	33.147	62.9		
42	77	d3-N-MeFOSAA-EIS	573. > 419	7.545e3		0.237	959.325	5.25	5.01	7540	33.147	62.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.493e4		0.237	1526.144	5.23	5.19	14900	41.228	78.3		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	3.201e1	6.185e3	0.237		5.17	5.17	0.0647	0.710		0.977	YES
46	1...	Total N-EtFOSAA	583.9 > 419	3.201e1	6.185e3	0.237		5.33		0.0647	0.710			
47	34	PFDS	599.0 > 80.0		3.118e3	0.237		5.23						YES
48	37	PFDoA	612.9 > 569.0		1.766e4	0.237		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.766e4	0.237		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.185e3		0.237	833.625	5.21	5.17	6180	31.269	59.4		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.185e3		0.237	833.625	5.21	5.17	6180	31.269	59.4		
52	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		
53	83	13C2-PFDoA-EIS	615 > 570	1.766e4		0.237	1936.260	5.51	5.48	17700	38.438	73.0		
54	83	13C2-PFDoA-EIS	615 > 570	1.766e4		0.237	1936.260	5.51	5.48	17700	38.438	73.0		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.038e4	0.237		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		2.617e3	0.237		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		3.637e3	0.237		5.96						YES
59	43	PFHxDA	813.1 > 768.6		1.160e4	0.237		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		5.617e3	0.237		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.038e4		0.237	1229.760	5.98	5.96	10400	35.577	67.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.617e3		0.237	89.439	5.60	5.51	2620	123.310	19.6		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.637e3		0.237	145.327	6.03	5.98	3640	105.463	16.8		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.160e4		0.237	1833.619	6.55	6.31	11600	26.668	50.6		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.617e3		0.237	57.460	6.23	6.23	5620	411.963	65.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.181e3	0.237		6.38						
68	1...	TDCA	498.3>106.9			0.237		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		
70	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		
71	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.181e3		0.237	67.369	6.38	6.38	6180	386.709	61.5		

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.118e3		0.237	323.537	4.88	4.57	3120	40.614	77.1		

RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

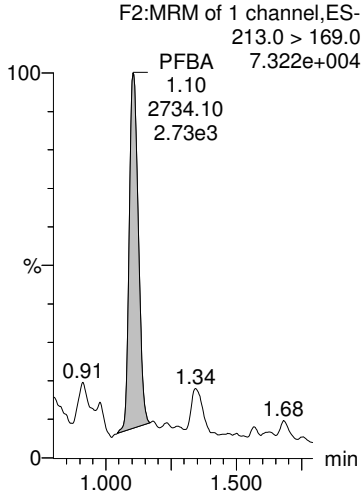
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

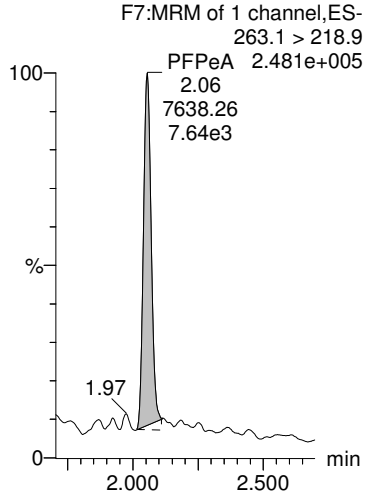
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 18:11:20
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

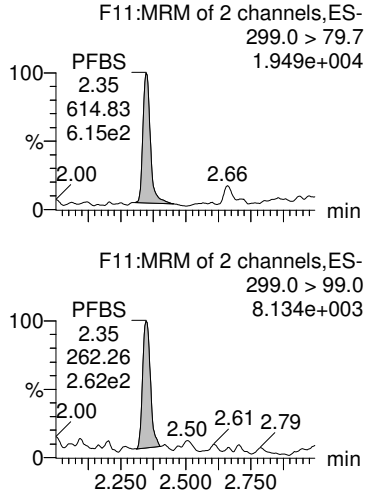
PFBA



PFPeA



PFBS



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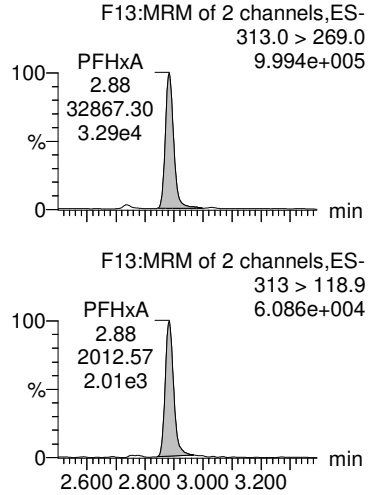

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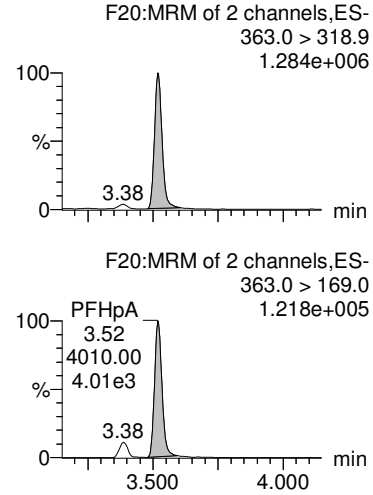
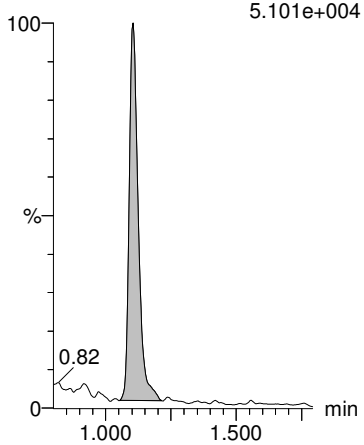


13C3-PFBA-EIS



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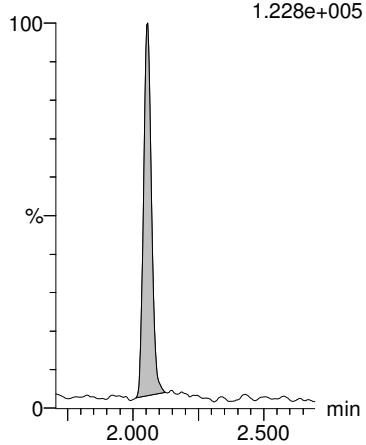

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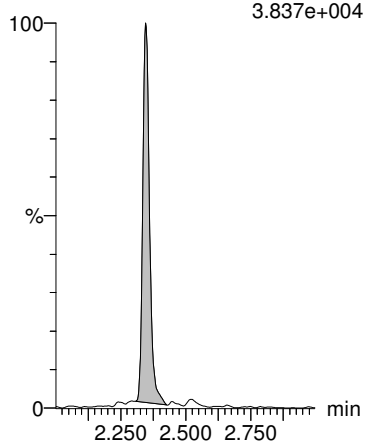

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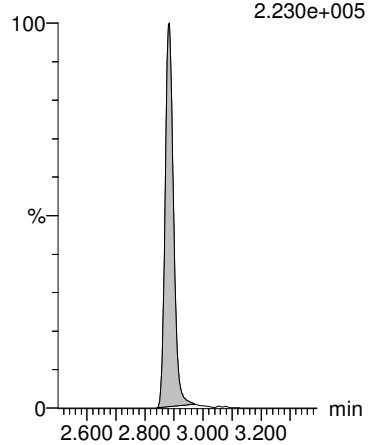

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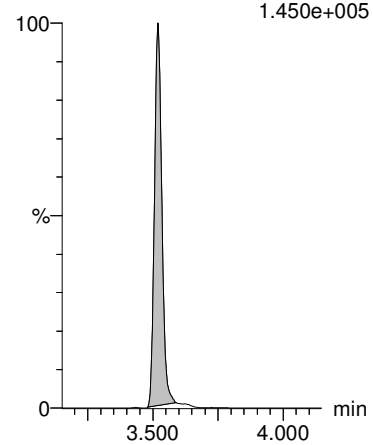


RK 6/30/2020

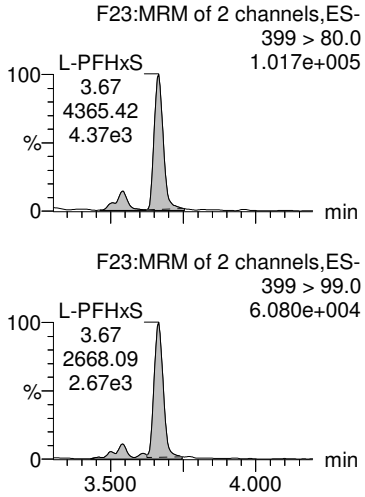
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

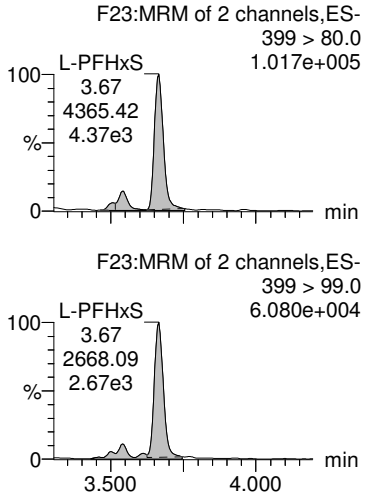
Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

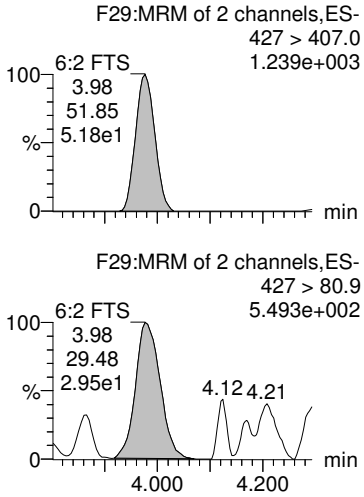
L-PFHxS



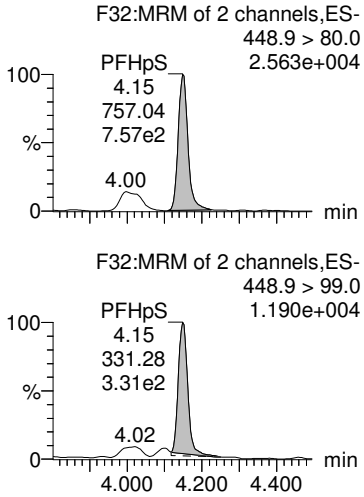
Total PFHxS



6:2 FTS



PFHpS



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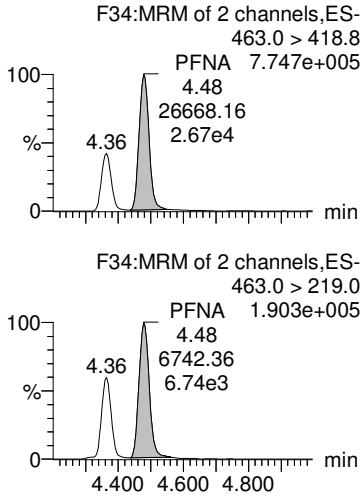
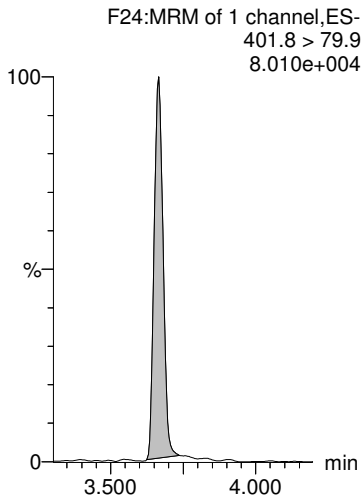


13C3-PFHxS-EIS



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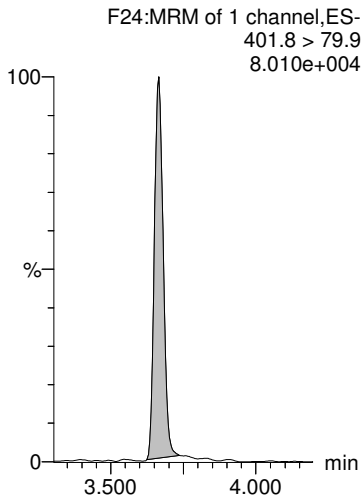
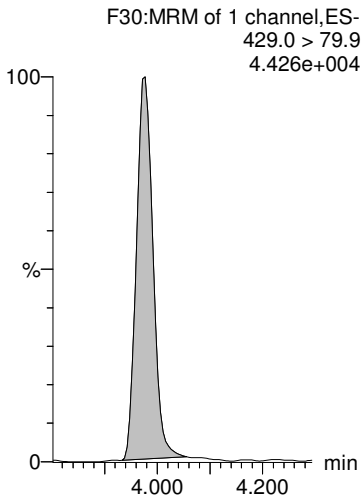
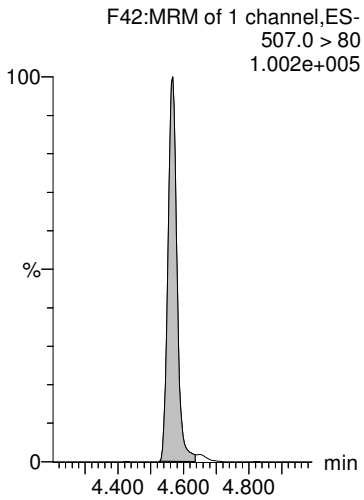


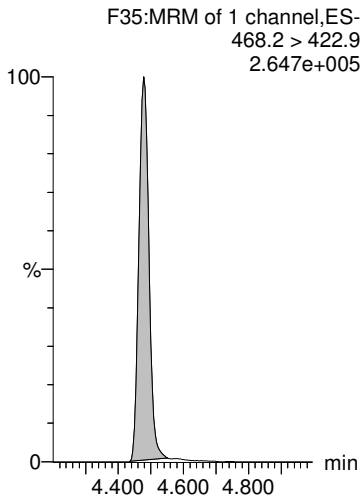
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



RK 6/30/2020

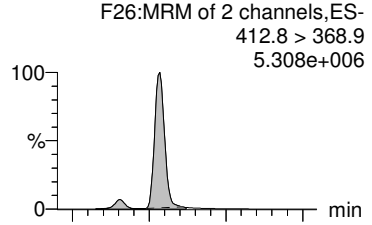
Review: AMR 7/1/2020

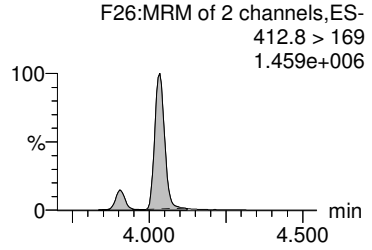
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

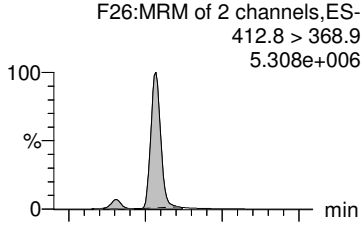
Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

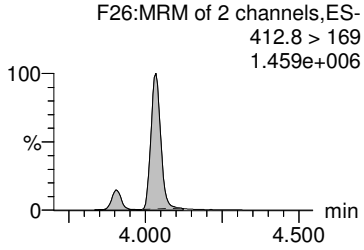
L-PFOA



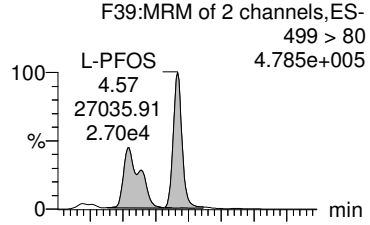


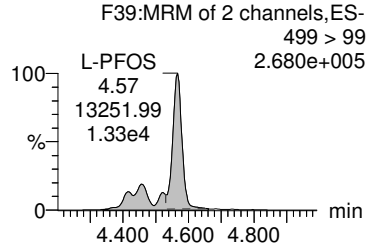
Total PFOA



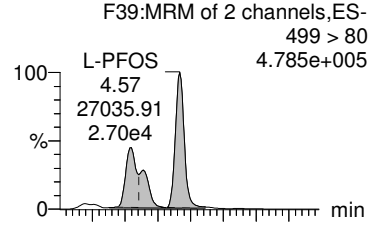


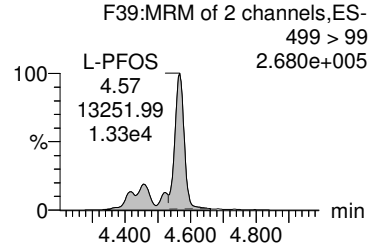
L-PFOS



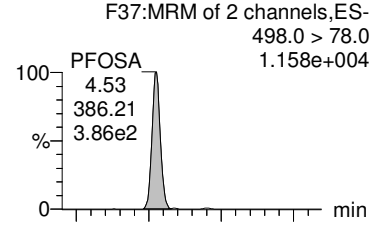


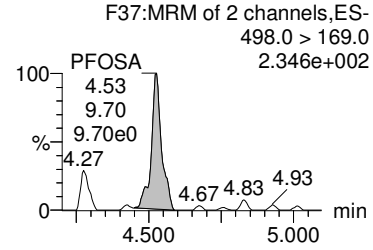
Total PFOS



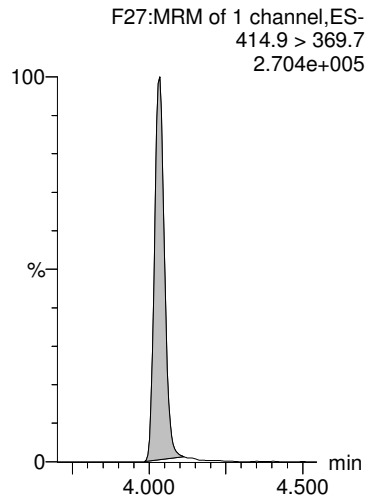


PFOSA





13C2-PFOA-EIS



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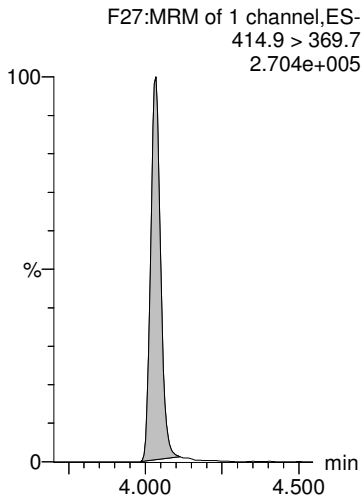

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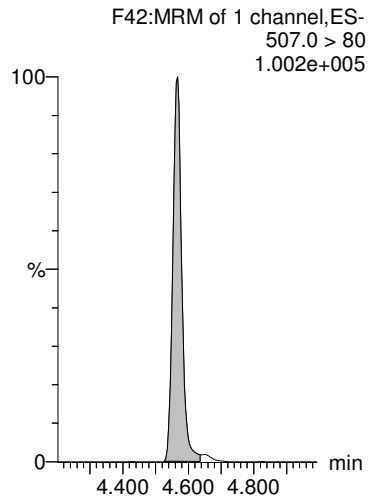
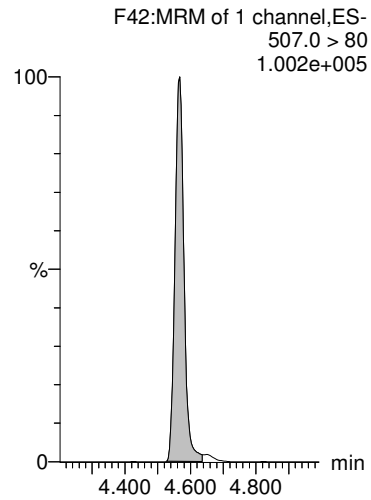
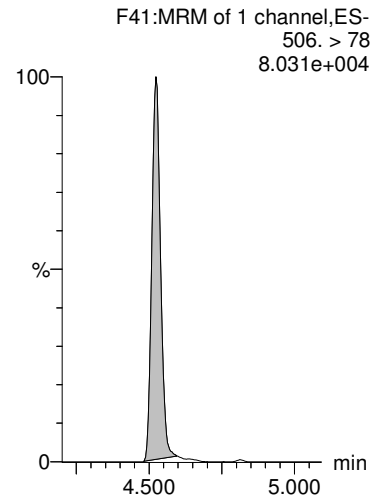


13C8-PFOS-EIS



13C8-PFOSA-EIS



RK 6/30/2020

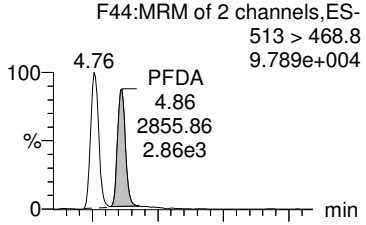
Review: AMR 7/1/2020

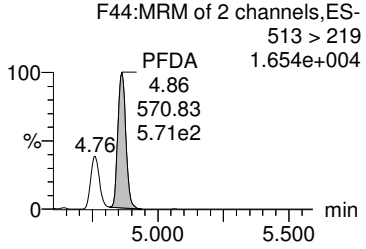
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

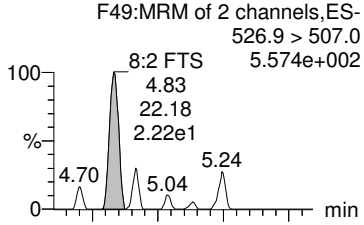
Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

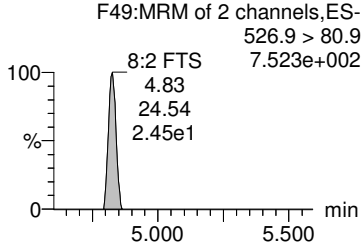
PFDA



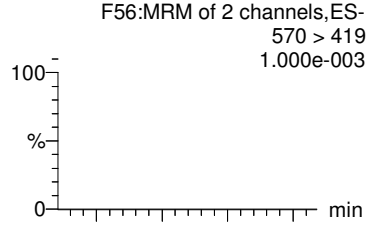


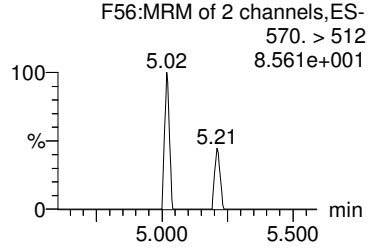
8:2 FTS



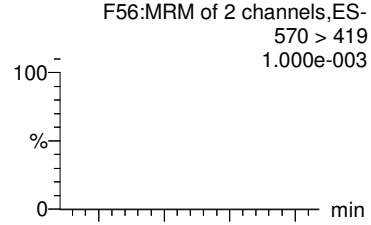


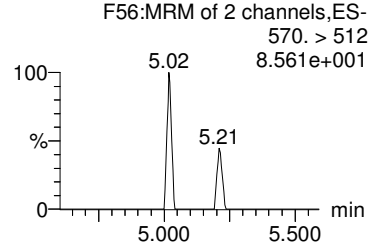
L-MeFOSAA



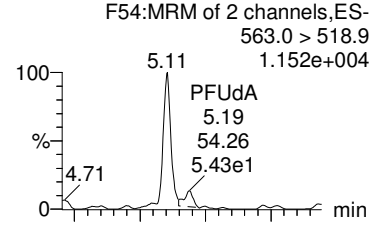


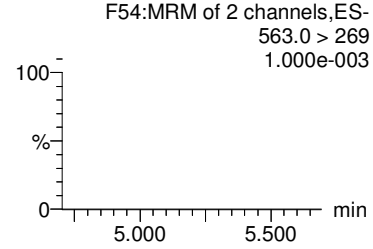
Total N-MeFOSAA



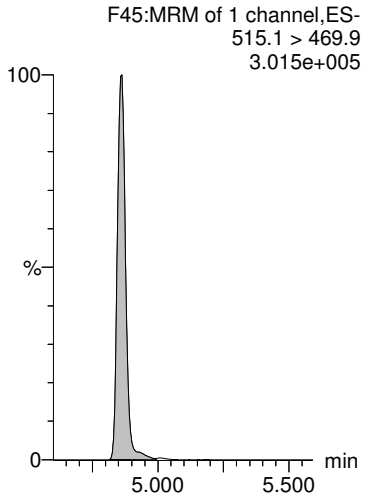


PFUdA

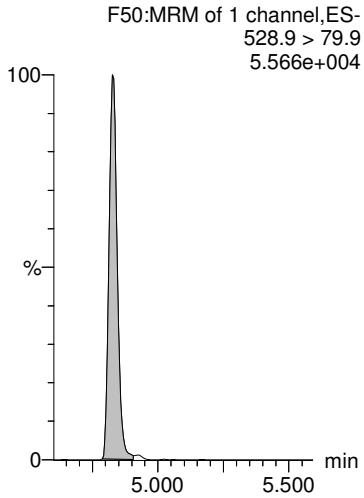




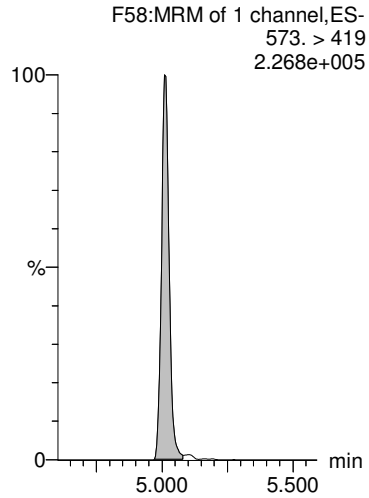
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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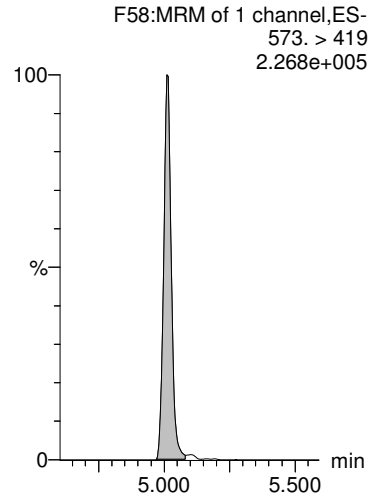
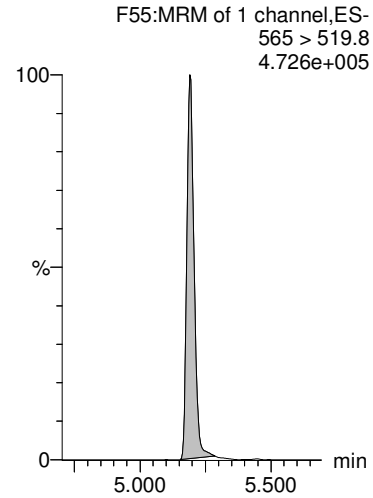


13C2-PFUdA-EIS



RK 6/30/2020

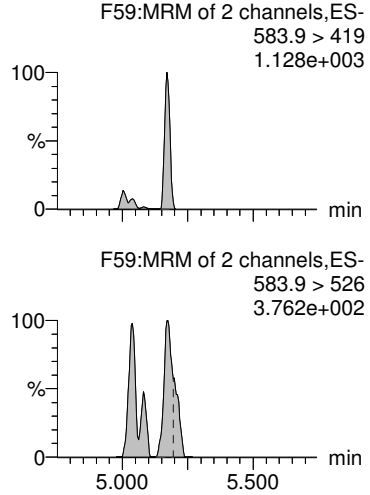
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

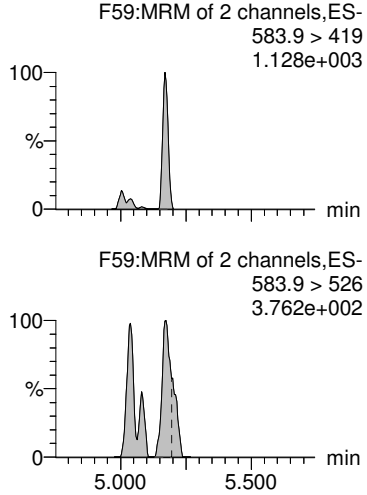
Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

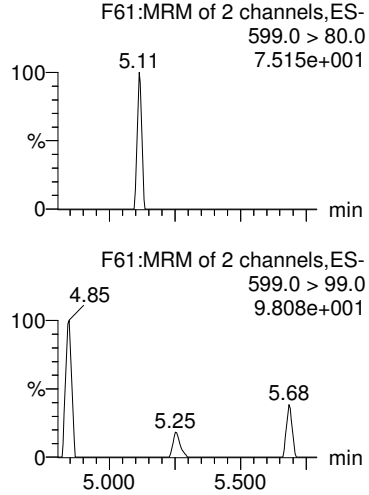
L-EtFOSAA



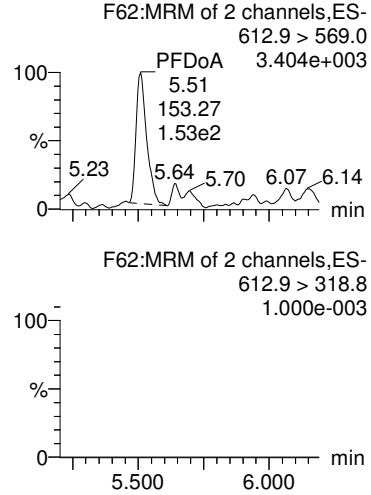
Total N-EtFOSAA



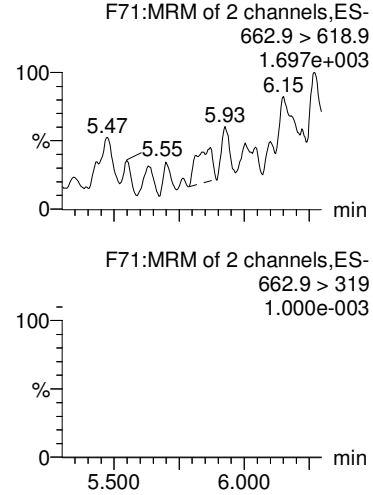
PFDS



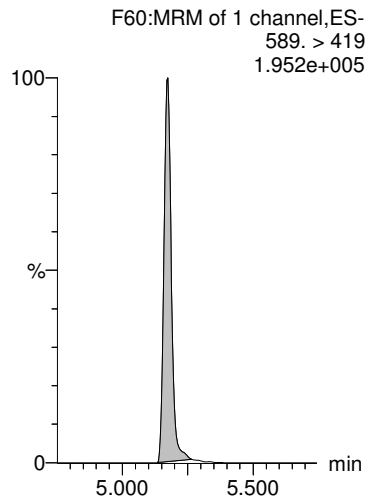
PFDoA



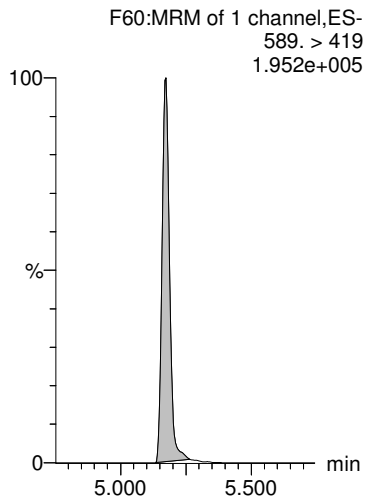
PFTrDA



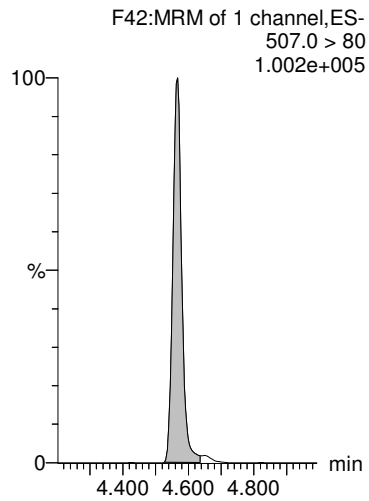
d5-N-EtFOSAA-EIS



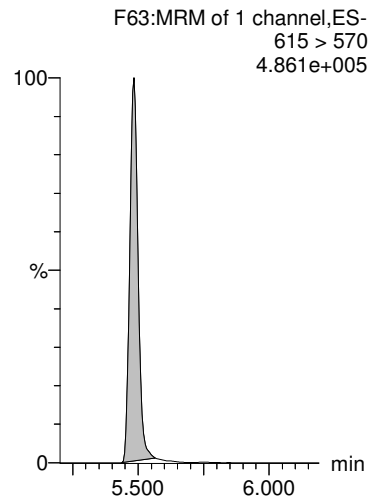
d5-N-EtFOSAA-EIS



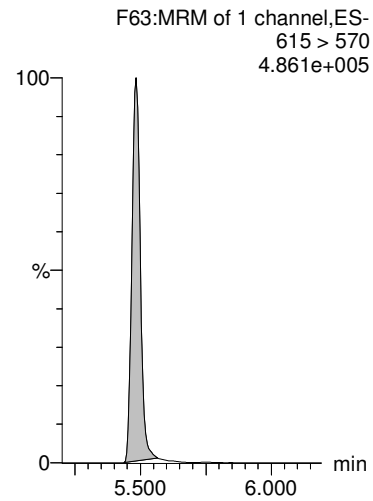
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS



RK 6/30/2020

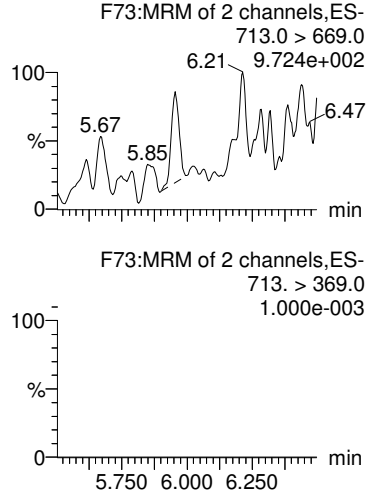
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

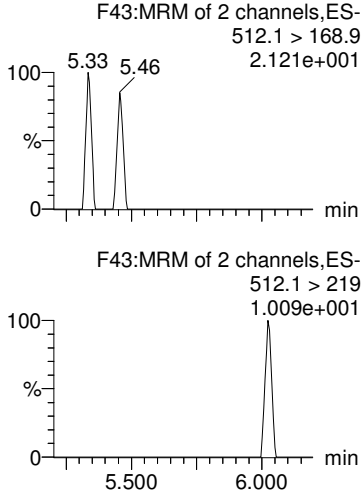
Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

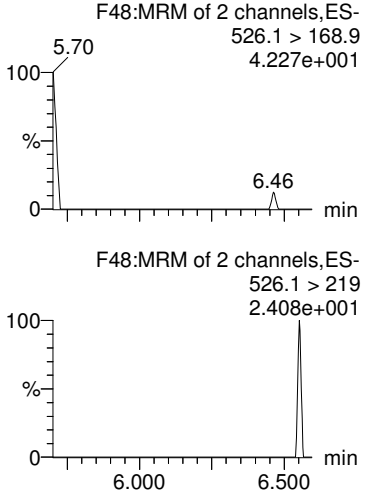
PFTeDA



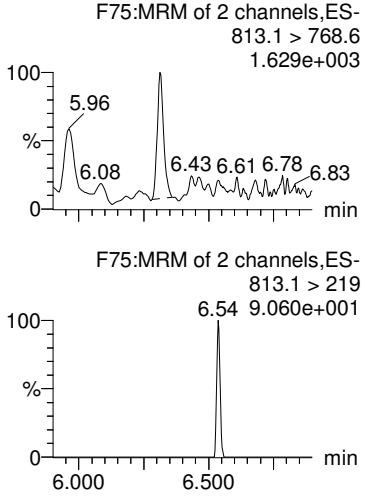
N-MeFOSA



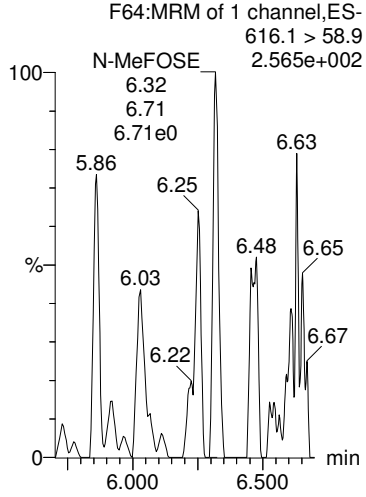
N-EtFOSA



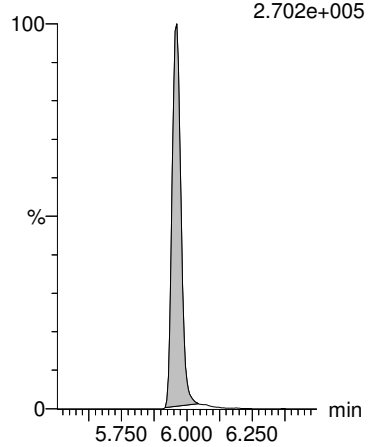
PFHxDA



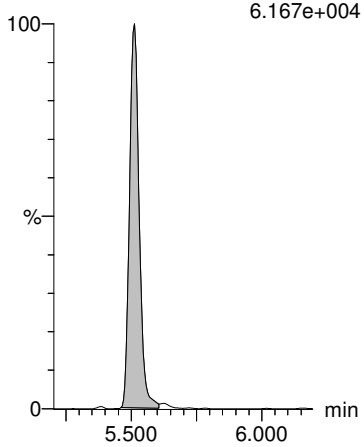
N-MeFOSE



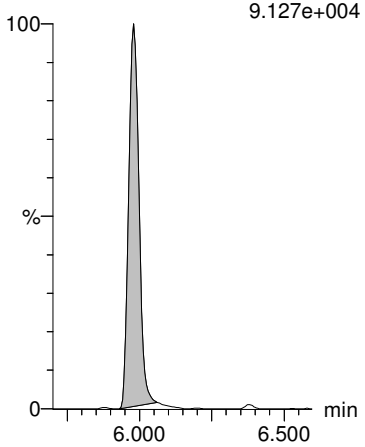
13C2-PFTeDA-EIS



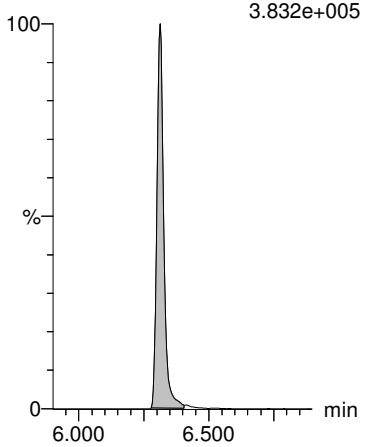
d3-N-MeFOSA-EIS



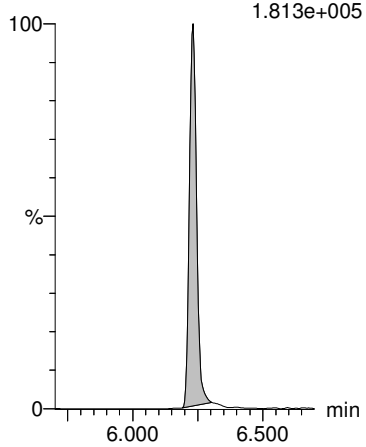
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



RK 6/30/2020

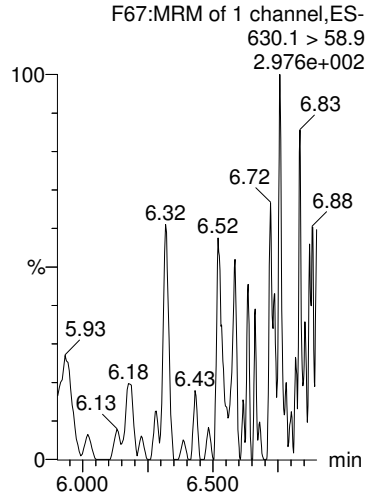
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-58.qld

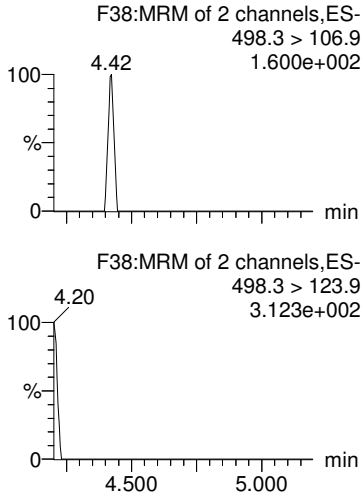
Last Altered: Tuesday, June 30, 2020 20:19:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:19:49 Pacific Daylight Time

Name: 200623M1_58, Date: 23-Jun-2020, Time: 22:12:28, ID: 2001272-07 GW-AE-2B 0.23727, Description: GW-AE-2B

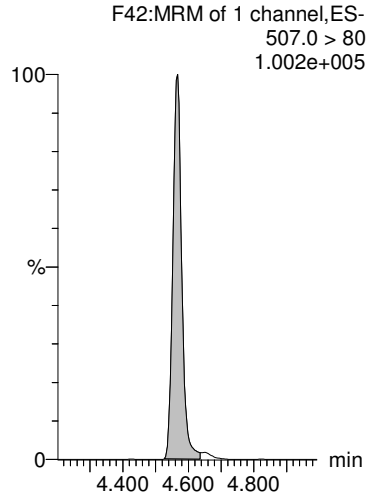
N-EtFOSE



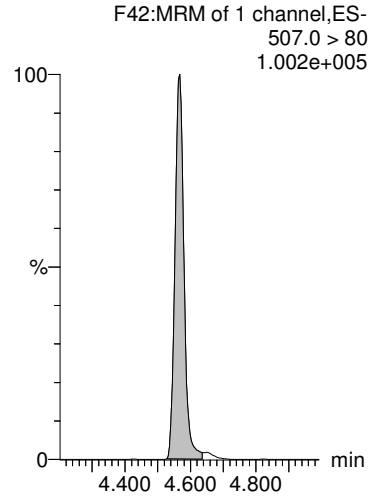
TDCA



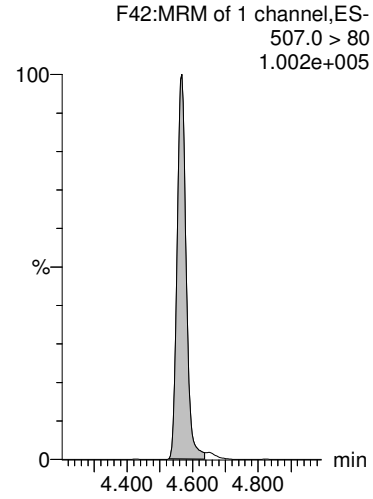
13C8-PFOS-EIS



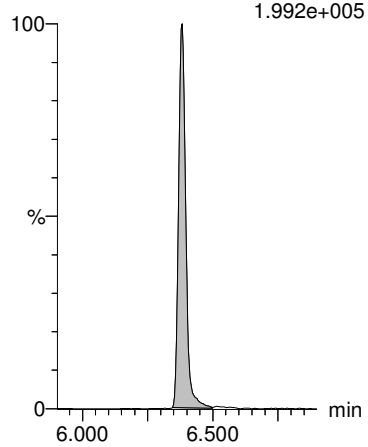
13C8-PFOS-EIS



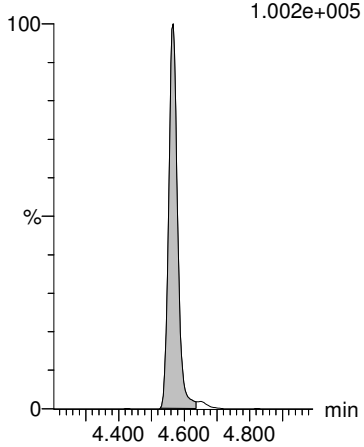
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.281e3	3.098e3	0.109		1.10	1.10	5.17	31.493			
2	4	PFPeA	263.1 > 218.9	2.344e3	4.702e3	0.109		2.05	2.05	6.23	61.593			
3	5	PFBS	299.0 > 79.7	3.766e2	1.266e3	0.109		2.35	2.35	3.72	17.017		3.07	NO
4	7	PFHxA	313.0 > 269.0	8.779e3	8.872e3	0.109		2.88	2.88	12.4	100.532		16.8	NO
5	11	PFHpA	363.0 > 318.9	8.250e3	5.590e3	0.109		3.52	3.52	18.5	137.921		10.9	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.098e3		0.109	211.507	0.84	1.10	3100	134.877	117.2		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.702e3		0.109	430.335	2.06	2.05	4700	100.617	87.4		
8	51	13C3-PFBS-EIS	302.0 > 99	1.266e3		0.109	119.139	2.49	2.35	1270	97.820	85.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.872e3		0.109	810.703	3.06	2.88	8870	100.774	87.5		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.590e3		0.109	538.644	3.59	3.52	5590	95.562	83.0		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.842e3	3.336e3	0.109		3.67	3.67	6.90	68.290		1.70	NO
13	1...	Total PFHxS	399 > 80	1.842e3	3.336e3	0.109		3.83		6.90	68.290			
14	15	6:2 FTS	427 > 407.0		1.850e3	0.109		3.98						YES
15	19	PFHpS	448.9 > 80.0	1.776e2	3.571e3	0.109		4.18	4.15	0.622	5.581		2.72	NO
16	21	PFNA	463.0 > 418.8	3.447e3	1.038e4	0.109		4.48	4.48	4.15	30.758		3.73	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.336e3		0.109	297.710	3.80	3.67	3340	103.193	89.6		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.336e3		0.109	297.710	3.80	3.67	3340	103.193	89.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.850e3		0.109	189.343	4.04	3.98	1850	89.956	78.1		
20	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.038e4		0.109	1024.035	4.68	4.48	10400	93.318	81.1		
22	-1													
23	16	L-PFOA	412.8 > 368.9	4.691e4	1.147e4	0.109		4.03	4.03	51.1	323.553		3.51	NO
24	1...	Total PFOA	412.8 > 368.9	4.691e4	1.147e4	0.109		4.20		51.1	323.553			
25	23	L-PFOS	499 > 80	5.259e3	3.571e3	0.109		4.56	4.57	18.4	167.530		2.06	NO
26	1...	Total PFOS	499 > 80	5.259e3	3.571e3	0.109		4.73		18.4	167.530			
27	22	PFOSA	498.0 > 78.0	2.257e2	2.678e3	0.109		4.52	4.52	1.05	10.155		38.0	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.147e4		0.109	1051.559	4.10	4.03	11500	100.444	87.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.147e4		0.109	1051.559	4.10	4.03	11500	100.444	87.3		
30	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		
31	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		
32	67	13C8-PFOSA-EIS	506. > 78	2.678e3		0.109	327.488	4.58	4.52	2680	75.305	65.4		
33	-1													
34	26	PFDA	513 > 468.8	3.401e2	1.134e4	0.109		4.86	4.86	0.375	2.400		9.60	NO
35	27	8:2 FTS	526.9 > 507.0	3.189e1	2.066e3	0.109		4.83	4.83	0.193	0.490		7.51	NO
36	29	L-MeFOSAA	570 > 419		8.007e3	0.109		5.01						YES

RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	8.007e3	0.109		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.692e4	0.109		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.134e4		0.109	1015.350	4.90	4.86	11300	102.811	89.3		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	2.066e3		0.109	213.425	4.88	4.83	2070	89.163	77.5		
41	77	d3-N-MeFOSAA-EIS	573. > 419	8.007e3		0.109	959.325	5.25	5.01	8010	76.858	66.8		
42	77	d3-N-MeFOSAA-EIS	573. > 419	8.007e3		0.109	959.325	5.25	5.01	8010	76.858	66.8		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.692e4		0.109	1526.144	5.23	5.19	16900	102.099	88.7		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.666e3	0.109		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.666e3	0.109		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.571e3	0.109		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.816e4	0.109		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.816e4	0.109		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.666e3		0.109	833.625	5.21	5.17	6670	73.643	64.0		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.666e3		0.109	833.625	5.21	5.17	6670	73.643	64.0		
52	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		
53	83	13C2-PFDoA-EIS	615 > 570	1.816e4		0.109	1936.260	5.51	5.48	18200	86.378	75.0		
54	83	13C2-PFDoA-EIS	615 > 570	1.816e4		0.109	1936.260	5.51	5.48	18200	86.378	75.0		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.083e4	0.109		5.95						YES
57	38	N-MeFOSA	512.1 > 168.9		1.369e3	0.109		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		1.613e3	0.109		5.96						YES
59	43	PFHxDA	813.1 > 768.6		1.364e4	0.109		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		4.606e3	0.109		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.083e4		0.109	1229.760	5.98	5.95	10800	81.110	70.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.369e3		0.109	89.439	5.60	5.51	1370	140.926	10.3		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.613e3		0.109	145.327	6.03	5.98	1610	102.184	7.4		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.364e4		0.109	1833.619	6.55	6.31	13600	68.485	59.5		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.606e3		0.109	57.460	6.23	6.23	4610	738.236	53.7		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		5.832e3	0.109		6.38						
68	1...	TDCA	498.3>106.9			0.109		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		
70	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		
71	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.832e3		0.109	67.369	6.38	6.38	5830	797.201	58.0		

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.571e3		0.109	323.537	4.88	4.56	3570	101.630	88.3		

RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 18:20:01
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

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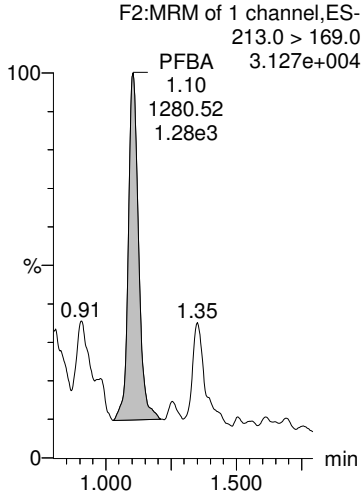

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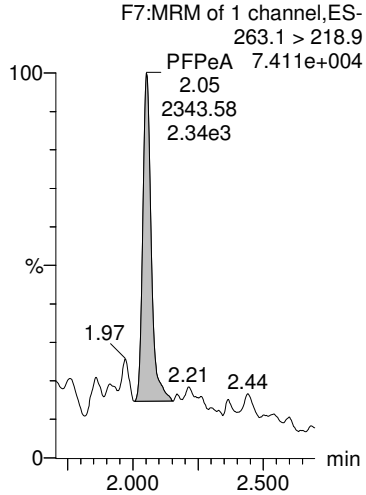

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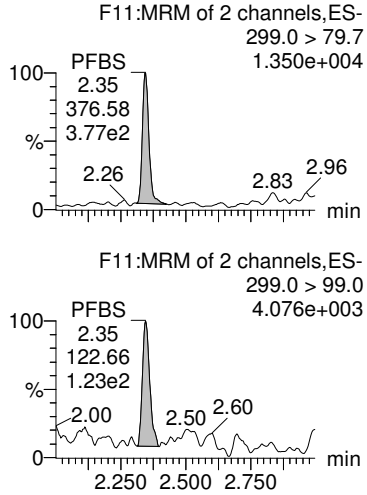

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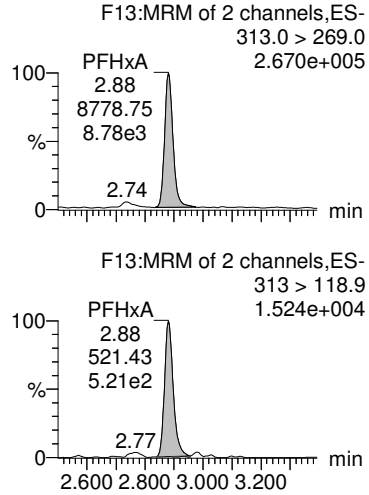

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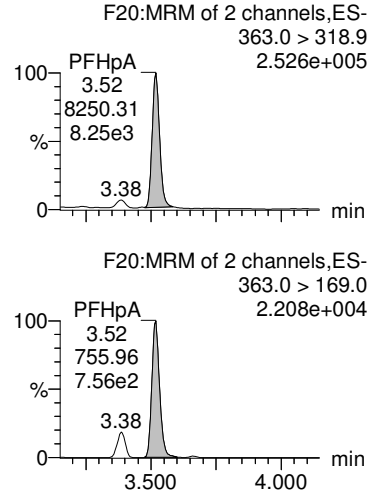
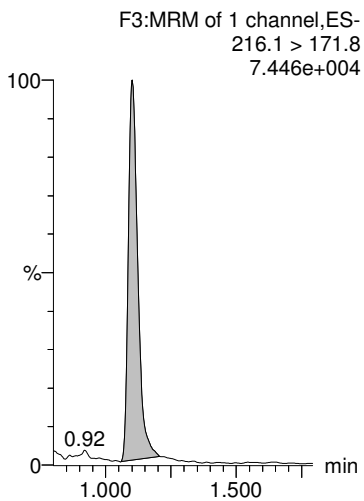


13C3-PFBA-EIS



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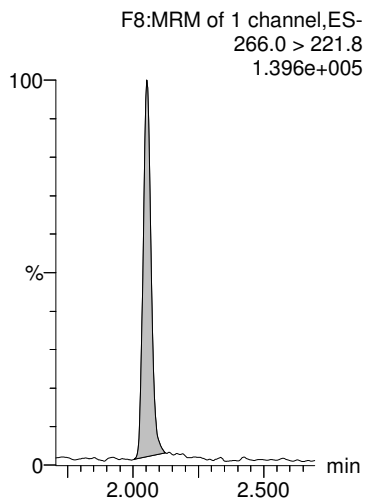

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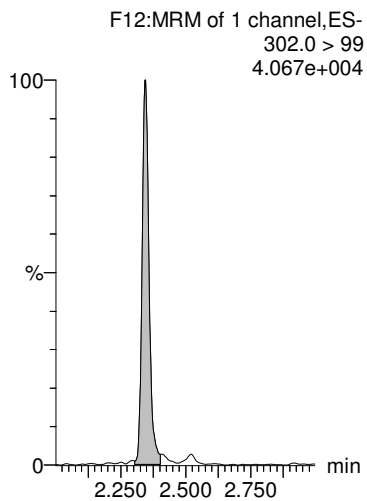

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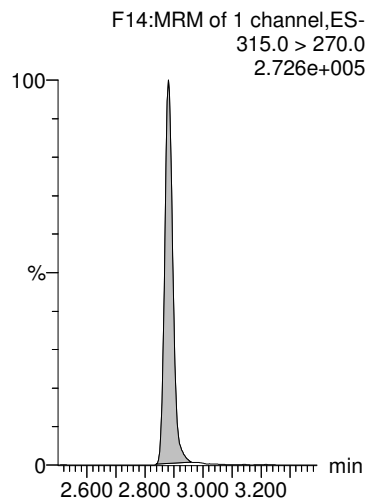

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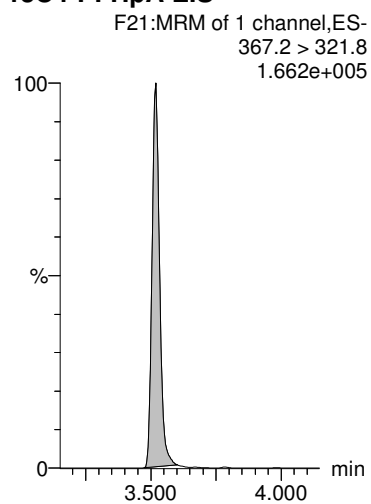


RK 6/30/2020

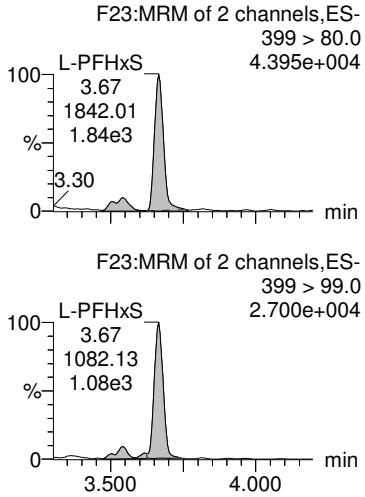
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

L-PFHxS



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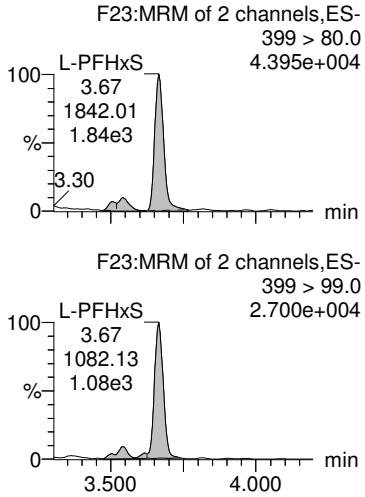
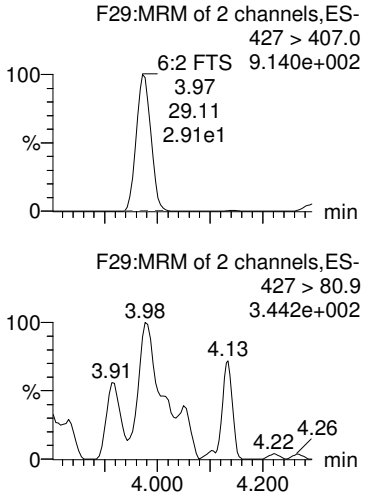


6:2 FTS



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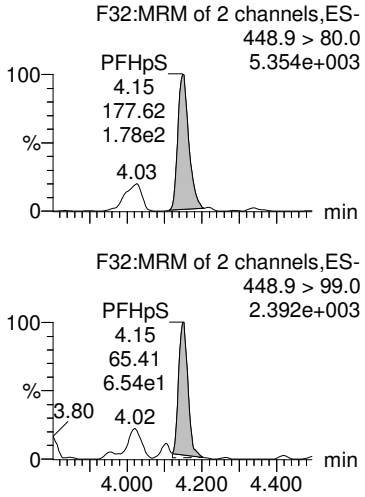

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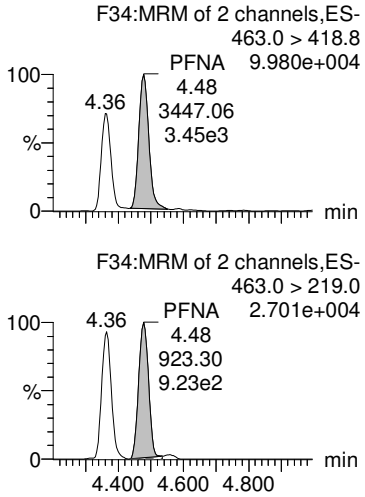

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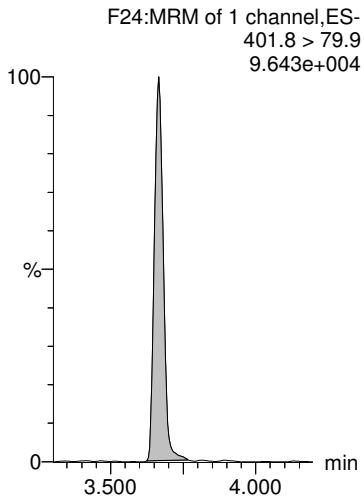

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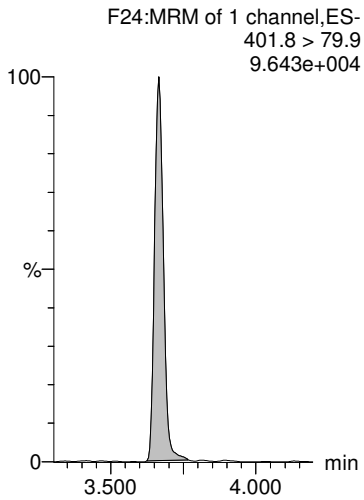

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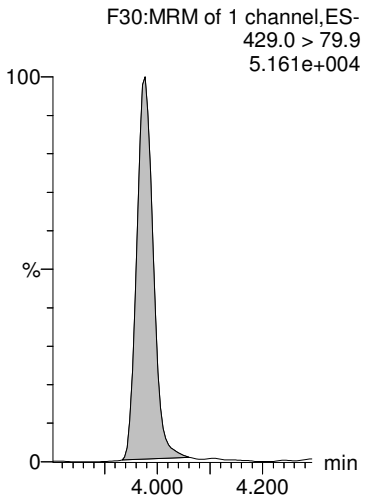

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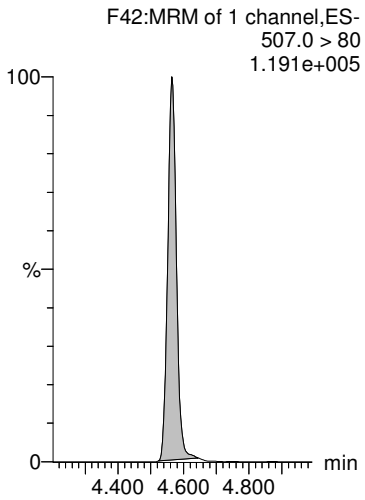

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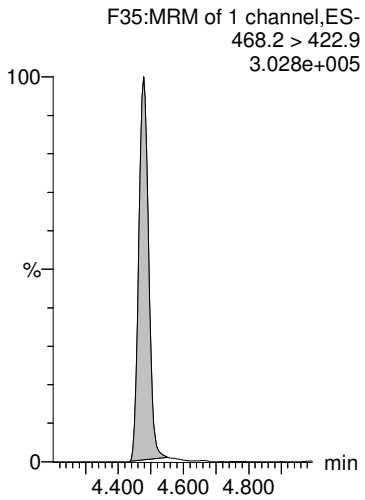


RK 6/30/2020

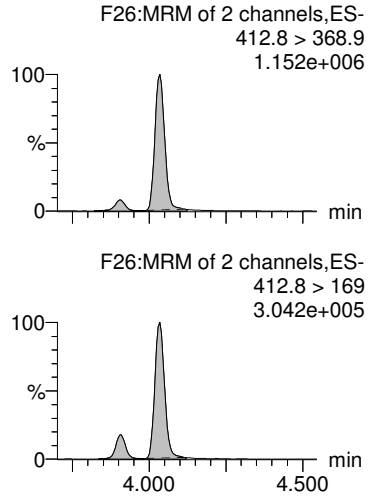
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

L-PFOA



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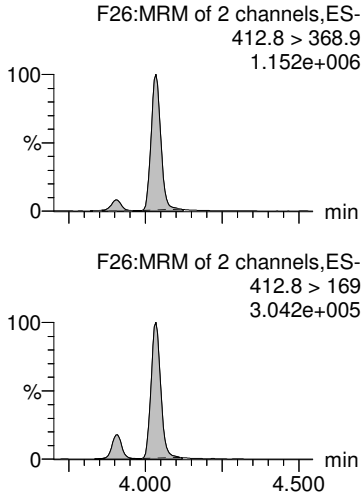
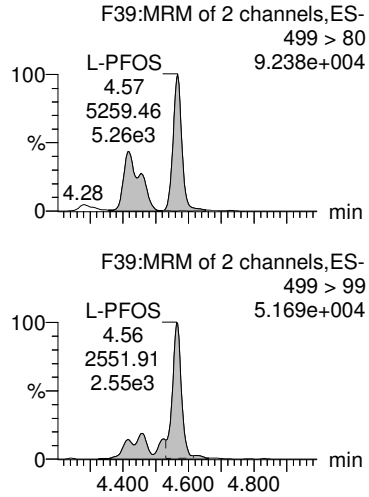


L-PFOS



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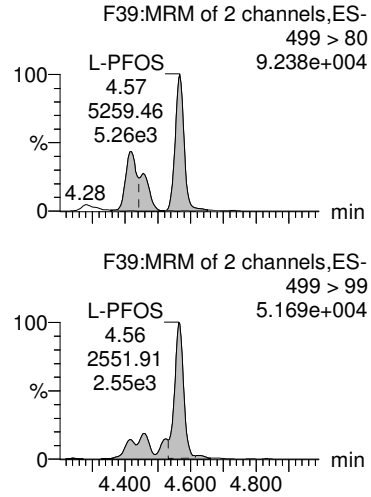

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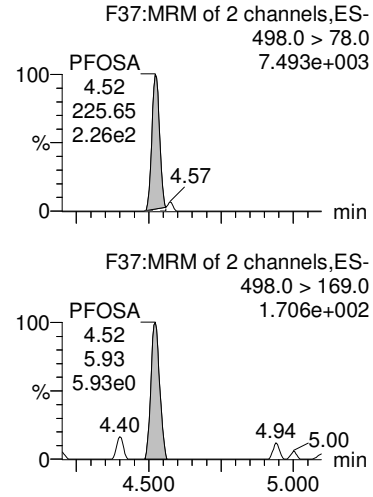

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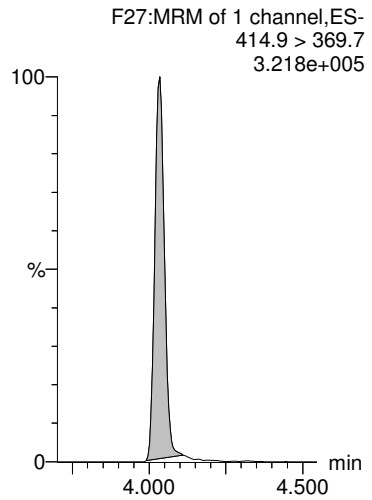

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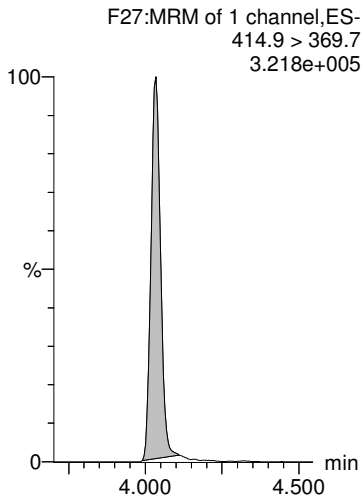

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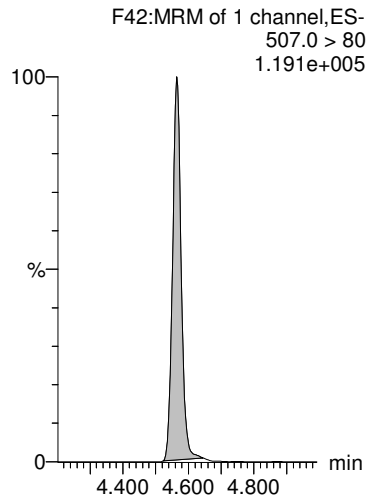

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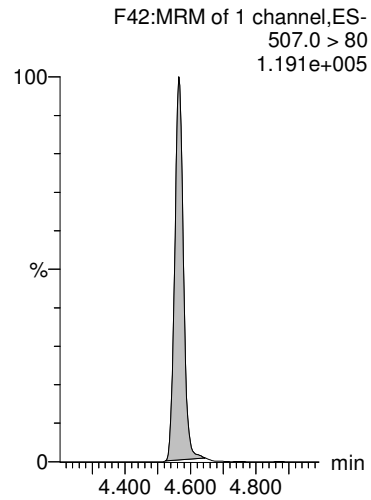

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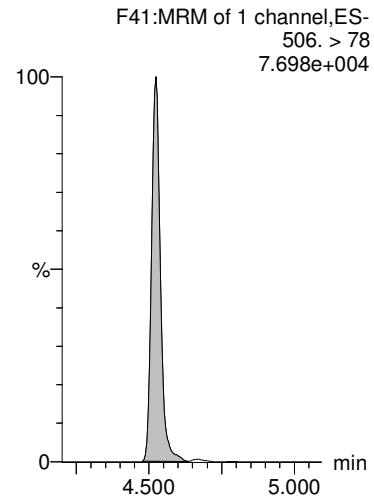


RK 6/30/2020

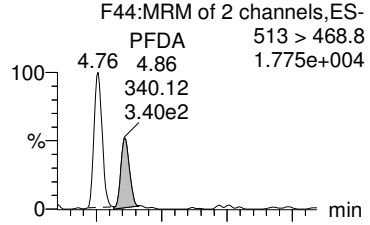
Review: AMR 7/1/2020

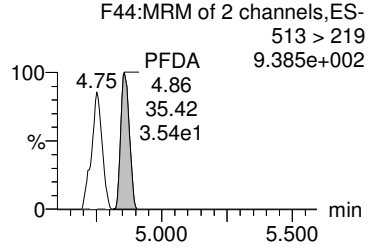
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

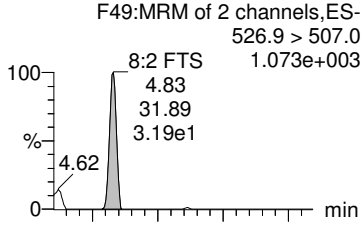
Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

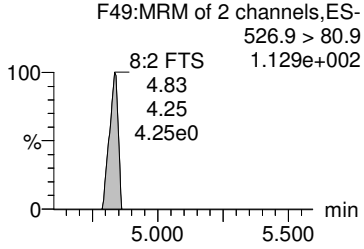
PFDA



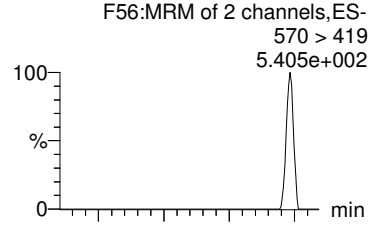


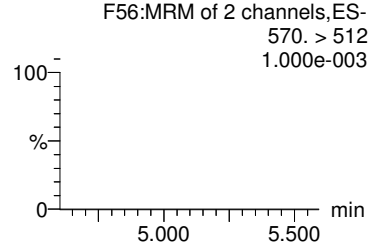
8:2 FTS





L-MeFOSAA





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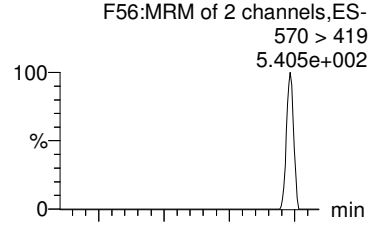
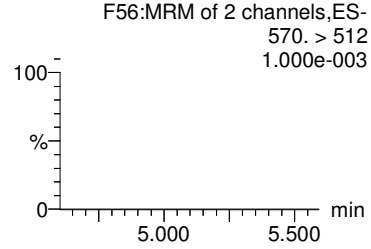
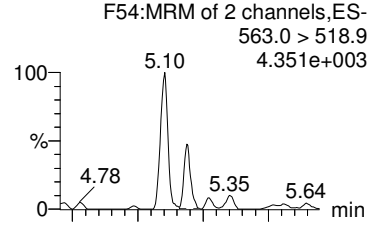
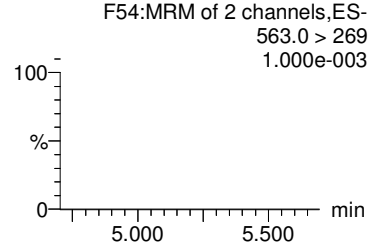


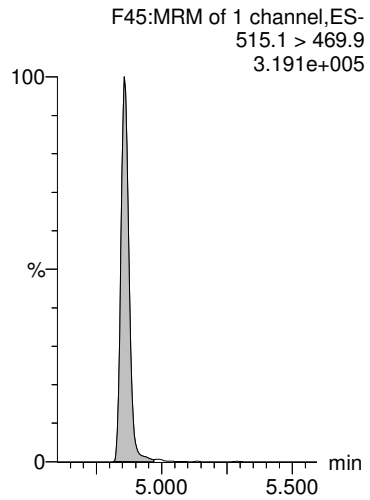


PFUdA

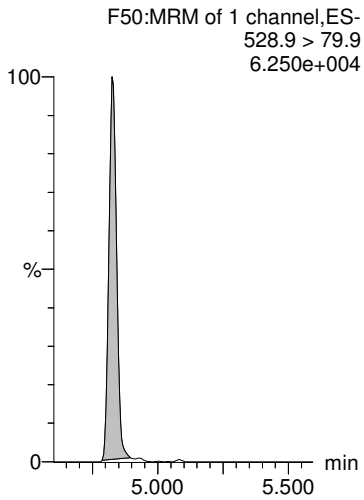




13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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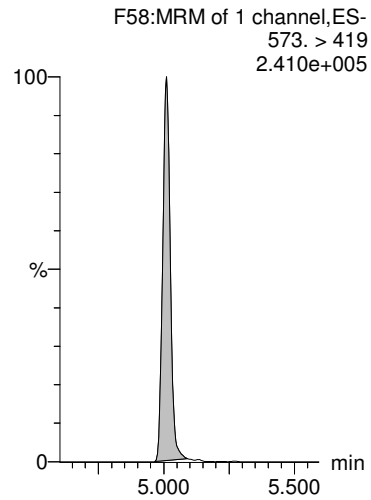

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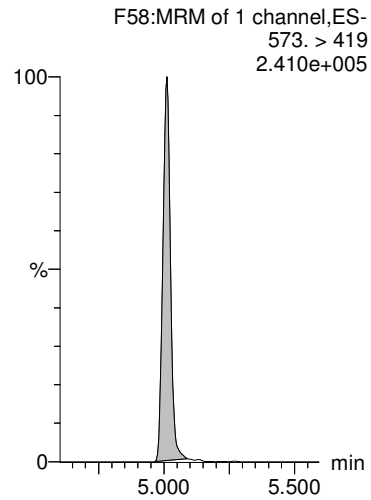

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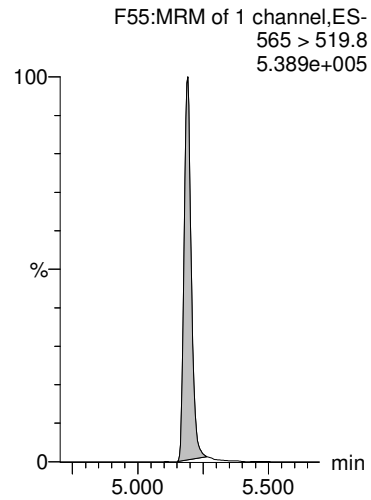

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

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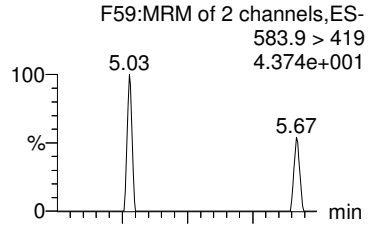
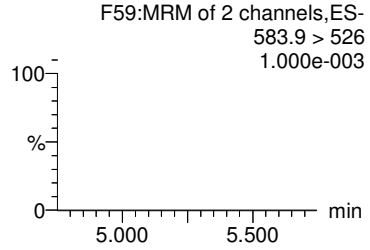
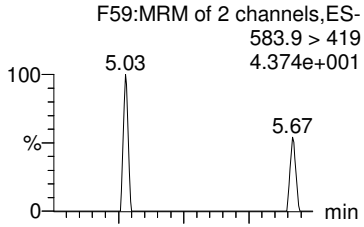
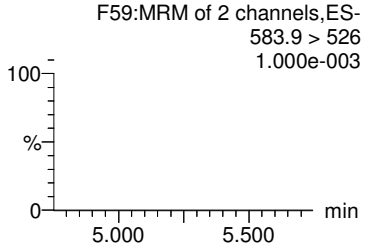


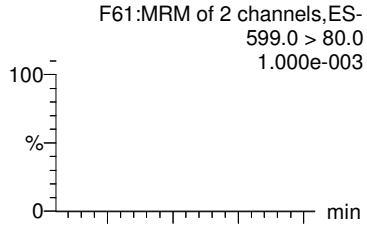


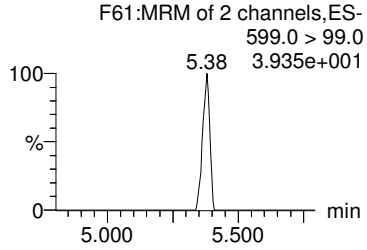
Total N-EtFOSAA





PFDS





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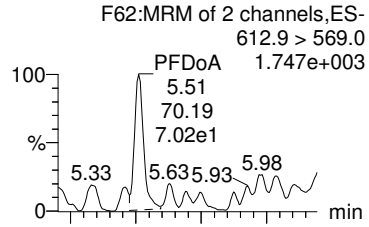

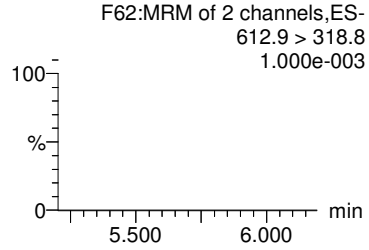

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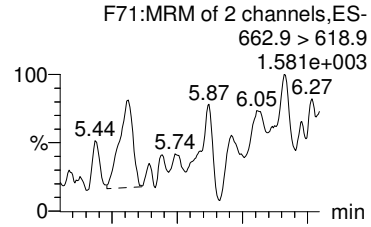
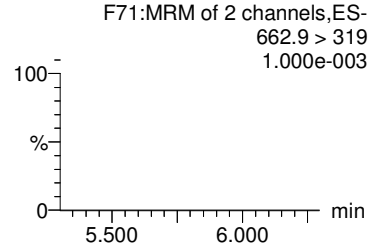
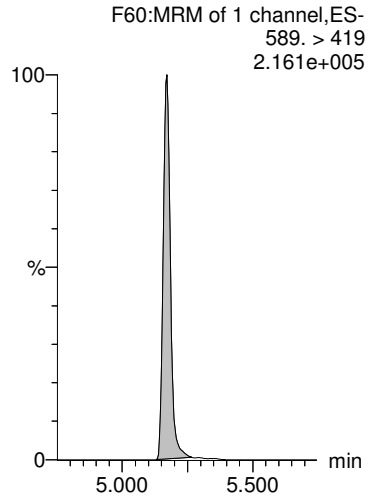




d5-N-EtFOSAA-EIS



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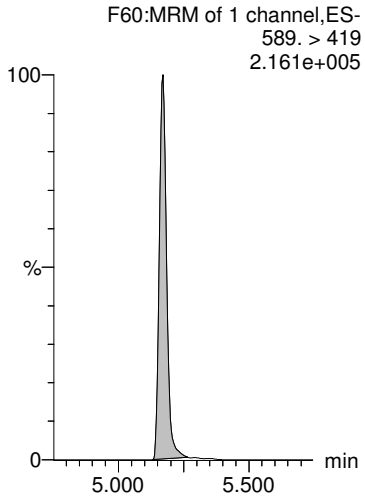
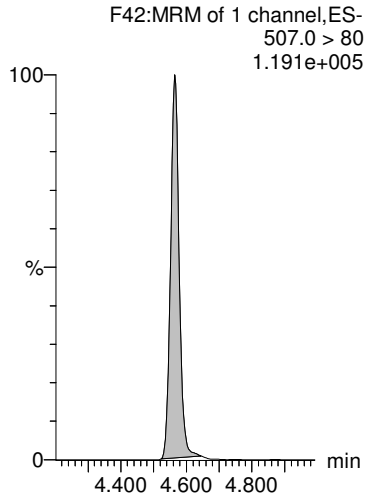
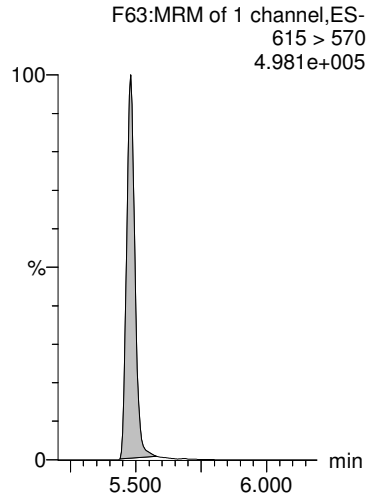


13C8-PFOS-EIS



13C2-PFDoA-EIS



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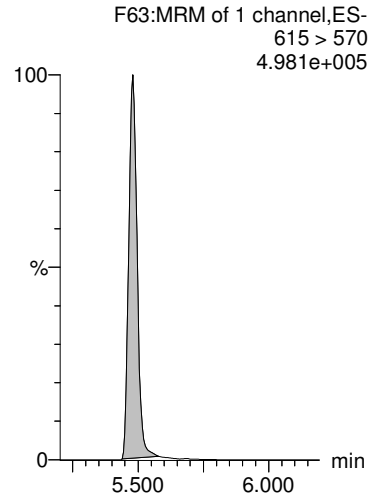


RK 6/30/2020

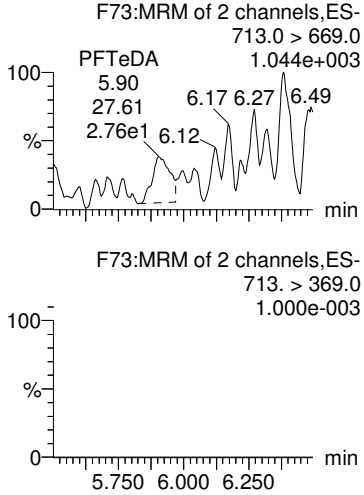
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

PFTeDA



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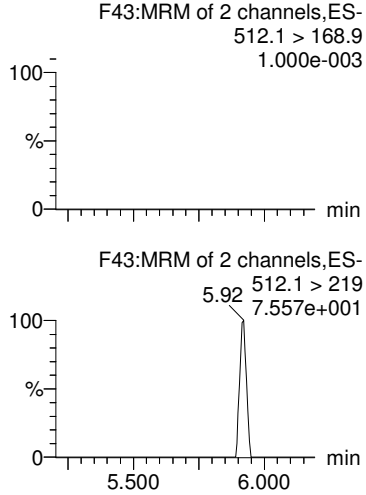
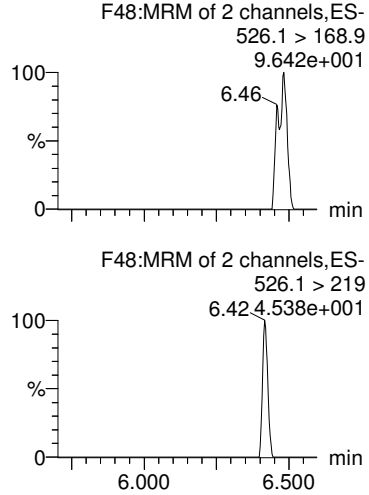


N-EtFOSA



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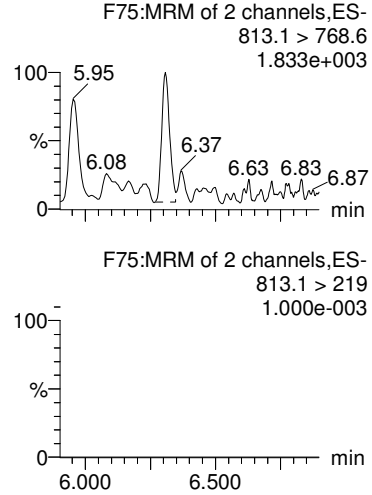

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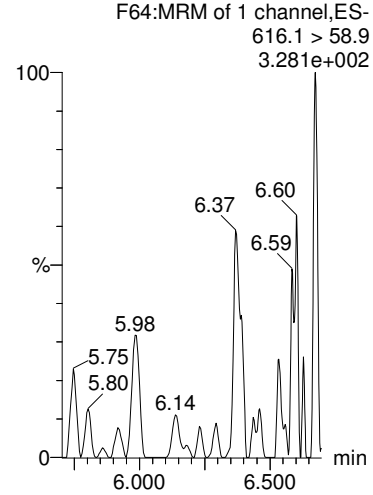

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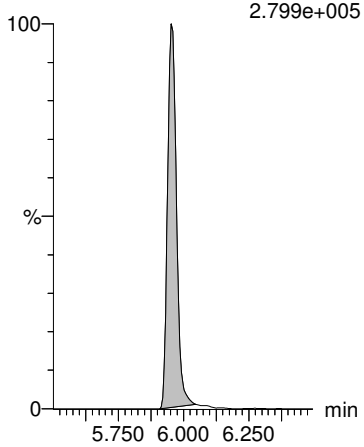

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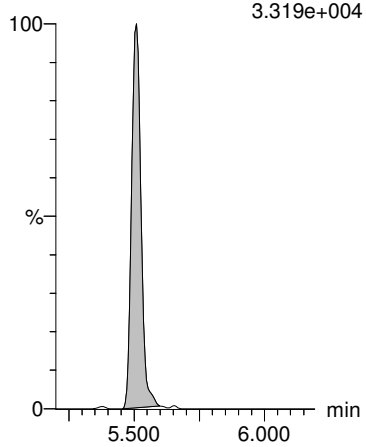
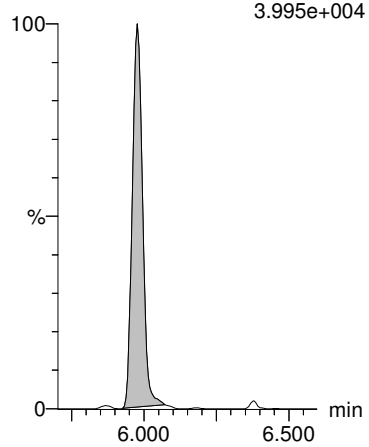


d5-N-ETFOSA-EIS



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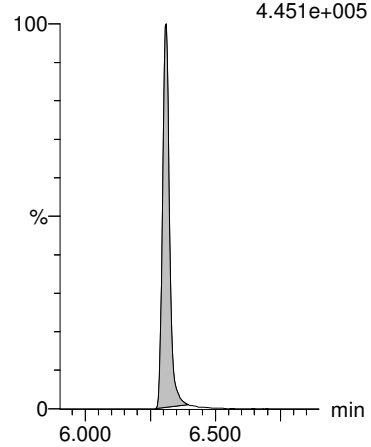

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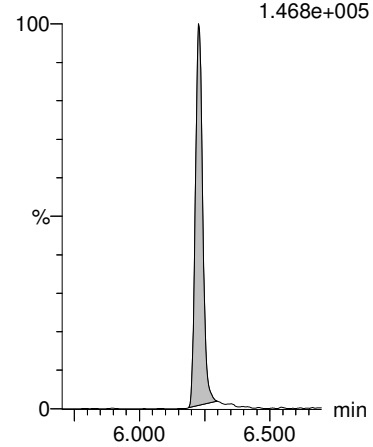


RK 6/30/2020

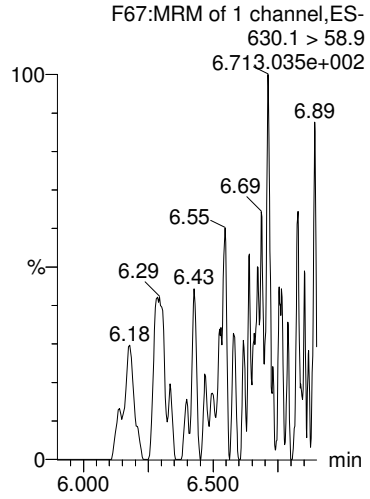
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-59.qld

Last Altered: Tuesday, June 30, 2020 20:21:43 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:22:15 Pacific Daylight Time

Name: 200623M1_59, Date: 23-Jun-2020, Time: 22:22:50, ID: 2001272-08 GW-GZ-105 0.10859, Description: GW-GZ-105

N-EtFOSE



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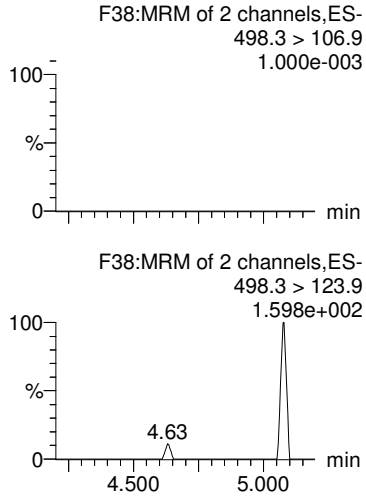

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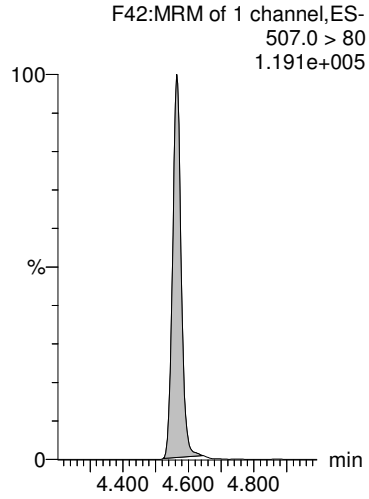

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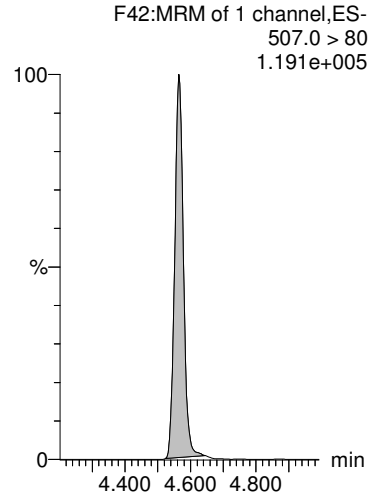

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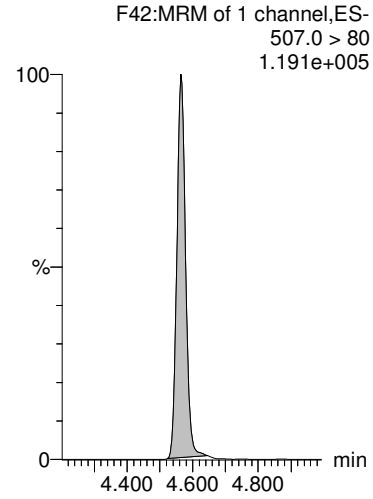

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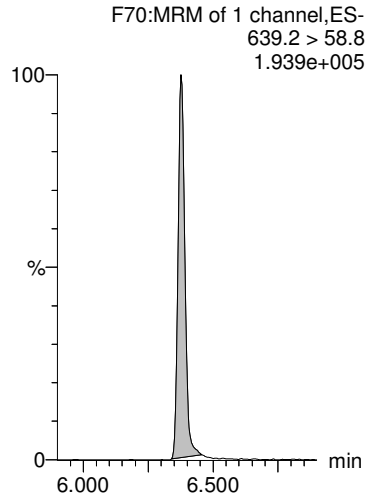

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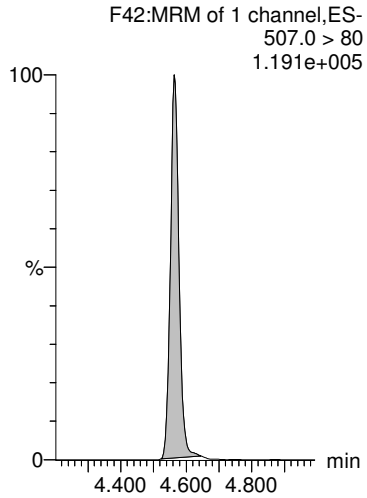


RK 6/30/2020

Vista Analytical Laboratory

Review: AMR 7/7/2020

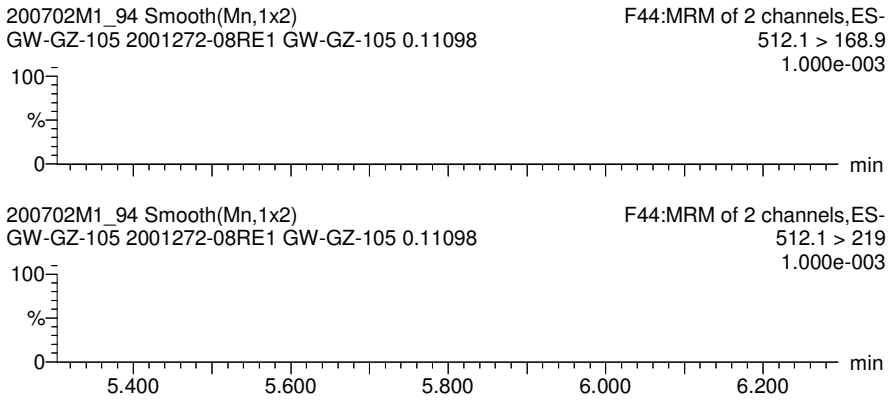
Dataset: M:\Projects\PFAS.PRO\Results\200702M1\200702M1-78-95.qld

Last Altered: Monday, July 06, 2020 19:31:35 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:41:08 Pacific Daylight Time

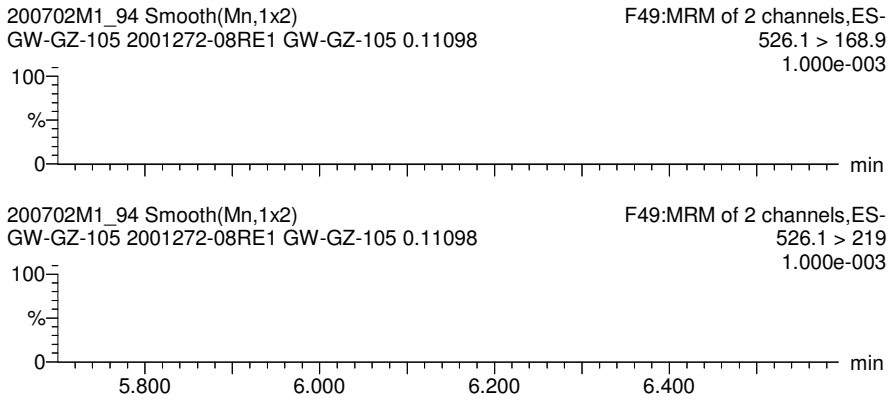
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_94, Date: 03-Jul-2020, Time: 07:32:25, ID: 2001272-08RE1 GW-GZ-105 0.11098, Description: GW-GZ-105

N-MeFOSA



N-EtFOSA



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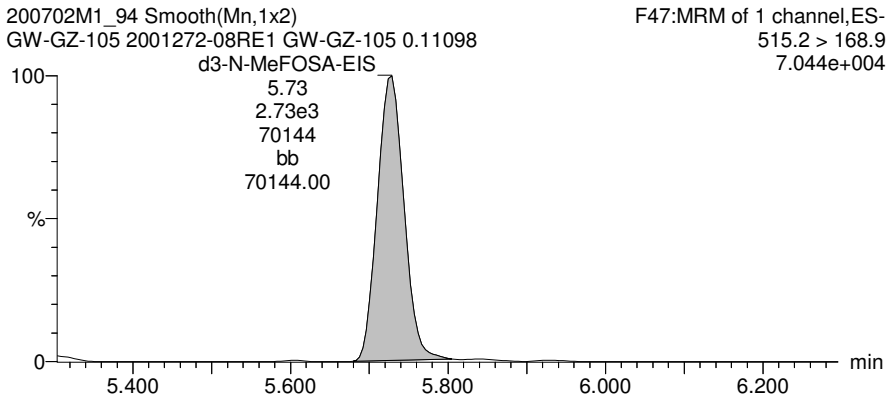
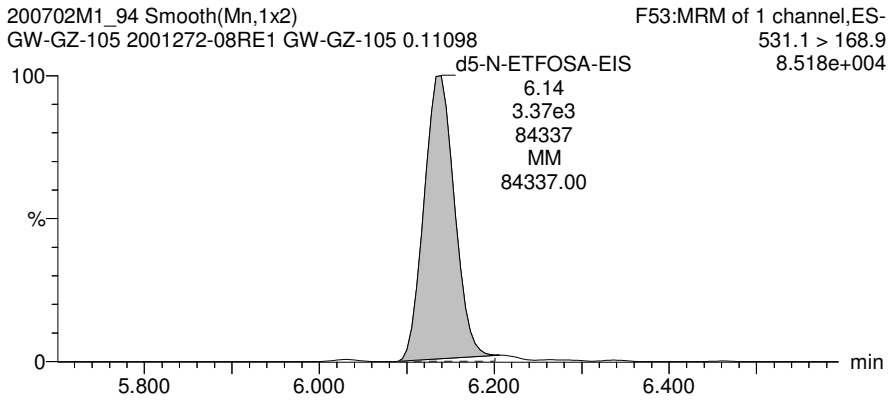


d5-N-ETFOSA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		2.731e3	0.111							YES
2	42	N-EtFOSA	526.1 > 168.9		3.375e3	0.111							YES
3	89	d3-N-MeFOSA-EIS	515.2 > 168.9	2.731e3		0.111	74.578	5.73	2731.419	330.015	24.5		
4	93	d5-N-ETFOSA-EIS	531.1 > 168.9	3.375e3		0.111	110.195	6.14	3374.944	275.970	20.5		

GM 7/6/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-60.qld

Last Altered: Tuesday, June 30, 2020 20:27:00 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:27:45 Pacific Daylight Time

Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.075e3	3.111e3	0.106		1.10	1.10	4.32	26.959			
2	4	PFPeA	263.1 > 218.9	2.013e3	4.827e3	0.106		2.06	2.06	5.21	52.671			
3	5	PFBS	299.0 > 79.7	2.866e2	1.281e3	0.106		2.35	2.35	2.80	13.163		2.15	NO
4	7	PFHxA	313.0 > 269.0	8.184e3	8.694e3	0.106		2.88	2.88	11.8	97.913		15.6	NO
5	11	PFHpA	363.0 > 318.9	7.828e3	5.652e3	0.106		3.52	3.52	17.3	132.475		11.4	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.111e3		0.106	211.507	0.84	1.10	3110	138.624	117.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.827e3		0.106	430.335	2.06	2.06	4830	105.725	89.7		
8	51	13C3-PFBS-EIS	302.0 > 99	1.281e3		0.106	119.139	2.49	2.35	1280	101.359	86.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.694e3		0.106	810.703	3.06	2.88	8690	101.084	85.8		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.652e3		0.106	538.644	3.59	3.52	5650	98.899	83.9		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.575e3	3.071e3	0.106		3.67	3.67	6.41	64.865		1.82	NO
13	1...	Total PFHxS	399 > 80	1.575e3	3.071e3	0.106		3.83		6.41	64.865			
14	15	6:2 FTS	427 > 407.0	2.066e1	1.916e3	0.106		3.98	3.97	0.135	0.366		4.51	NO
15	19	PFHpS	448.9 > 80.0	1.412e2	3.667e3	0.106		4.18	4.15	0.481	4.281		3.19	NO
16	21	PFNA	463.0 > 418.8	3.396e3	1.078e4	0.106		4.48	4.48	3.94	29.874		3.42	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.071e3		0.106	297.710	3.80	3.67	3070	97.233	82.5		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.071e3		0.106	297.710	3.80	3.67	3070	97.233	82.5		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.916e3		0.106	189.343	4.04	3.98	1920	95.375	80.9		
20	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.078e4		0.106	1024.035	4.68	4.48	10800	99.245	84.2		
22	-1													
23	16	L-PFOA	412.8 > 368.9	4.252e4	1.233e4	0.106		4.03	4.03	43.1	279.364		3.45	NO
24	1...	Total PFOA	412.8 > 368.9	4.252e4	1.233e4	0.106		4.20		43.1	279.364			
25	23	L-PFOS	499 > 80	4.597e3	3.667e3	0.106		4.56	4.56	15.7	145.964		2.27	NO
26	1...	Total PFOS	499 > 80	4.597e3	3.667e3	0.106		4.73		15.7	145.964			
27	22	PFOSA	498.0 > 78.0	2.093e2	3.333e3	0.106		4.52	4.52	0.785	7.728		26.0	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.233e4		0.106	1051.559	4.10	4.03	12300	110.494	93.8		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.233e4		0.106	1051.559	4.10	4.03	12300	110.494	93.8		
30	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		
31	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		
32	67	13C8-PFOSA-EIS	506. > 78	3.333e3		0.106	327.488	4.58	4.52	3330	95.920	81.4		
33	-1													
34	26	PFDA	513 > 468.8	3.321e2	1.120e4	0.106		4.86	4.86	0.371	2.430		7.38	YES
35	27	8:2 FTS	526.9 > 507.0	2.784e1	1.932e3	0.106		4.83	4.83	0.180	0.449		5.04	NO
36	29	L-MeFOSAA	570 > 419		7.858e3	0.106		5.01						YES

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Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-60.qld

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Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.858e3	0.106		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.673e4	0.106		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.120e4		0.106	1015.350	4.90	4.86	11200	103.994	88.3		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.932e3		0.106	213.425	4.88	4.83	1930	85.329	72.4		
41	77	d3-N-MeFOSAA-EIS	573. > 419	7.858e3		0.106	959.325	5.25	5.01	7860	77.214	65.5		
42	77	d3-N-MeFOSAA-EIS	573. > 419	7.858e3		0.106	959.325	5.25	5.01	7860	77.214	65.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.673e4		0.106	1526.144	5.23	5.19	16700	103.336	87.7		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		7.013e3	0.106		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	7.013e3	0.106		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.667e3	0.106		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.927e4	0.106		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.927e4	0.106		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	7.013e3		0.106	833.625	5.21	5.17	7010	79.297	67.3		
51	81	d5-N-EtFOSAA-EIS	589. > 419	7.013e3		0.106	833.625	5.21	5.17	7010	79.297	67.3		
52	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		
53	83	13C2-PFDoA-EIS	615 > 570	1.927e4		0.106	1936.260	5.51	5.48	19300	93.816	79.6		
54	83	13C2-PFDoA-EIS	615 > 570	1.927e4		0.106	1936.260	5.51	5.48	19300	93.816	79.6		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.189e4	0.106		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		2.915e3	0.106		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		3.482e3	0.106		5.96						YES
59	43	PFHxDA	813.1 > 768.6	5.116e1	1.452e4	0.106		6.31	6.31	0.0441			17.0	NO
60	45	N-MeFOSE	616.1 > 58.9	1.082e1	6.187e3	0.106		6.23	6.24	0.261	1.252			
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.189e4		0.106	1229.760	5.98	5.96	11900	91.132	77.3		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.915e3		0.106	89.439	5.60	5.51	2910	307.173	21.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.482e3		0.106	145.327	6.03	5.98	3480	225.861	16.1		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.452e4		0.106	1833.619	6.55	6.31	14500	74.629	63.3		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.187e3		0.106	57.460	6.23	6.23	6190	1014.951	72.2		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.567e3	0.106		6.38						
68	1...	TDCA	498.3>106.9			0.106		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		
70	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		
71	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.567e3		0.106	67.369	6.38	6.38	7570	1058.713	75.3		

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-60.qld

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Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.667e3		0.106	323.537	4.88	4.56	3670	106.823	90.7		

RK 6/30/2020

Review: AMR 7/1/2020

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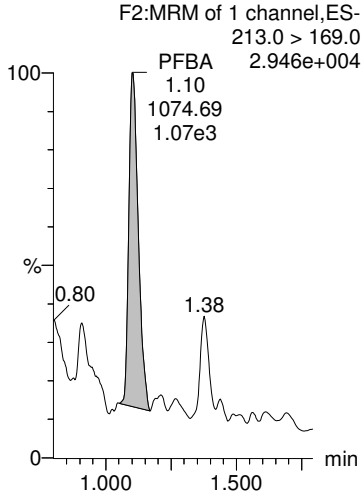
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 18:35:38
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

PFBA



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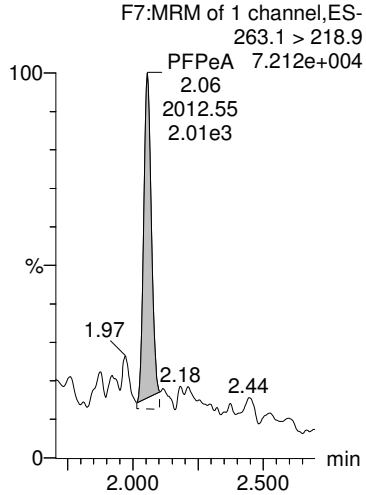

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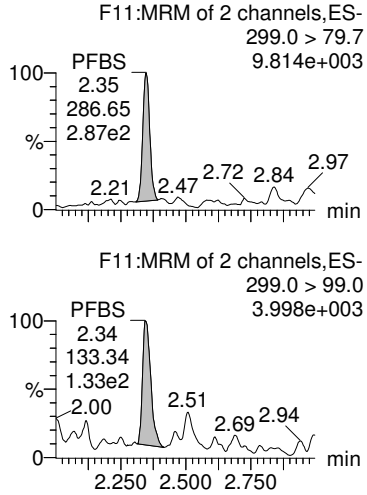

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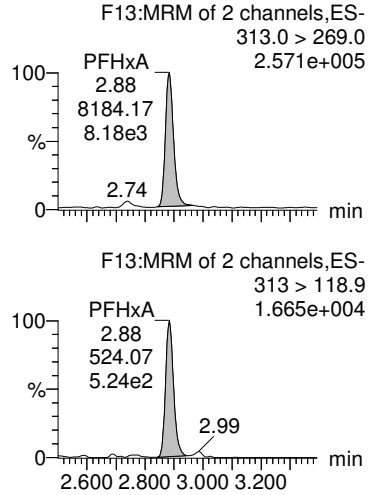

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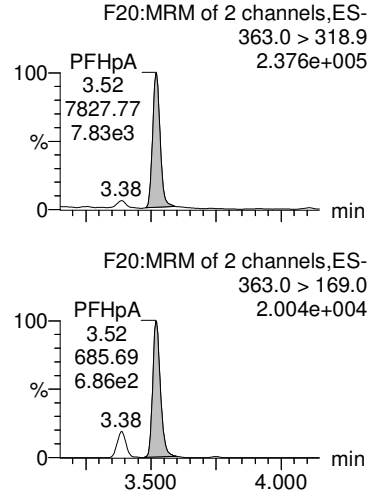

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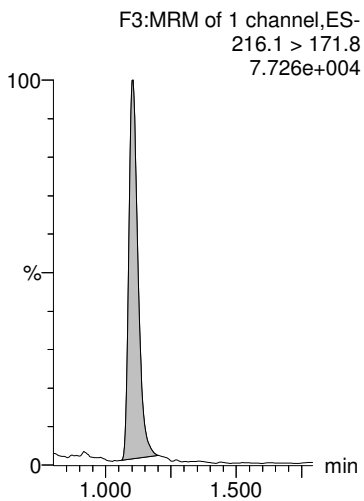

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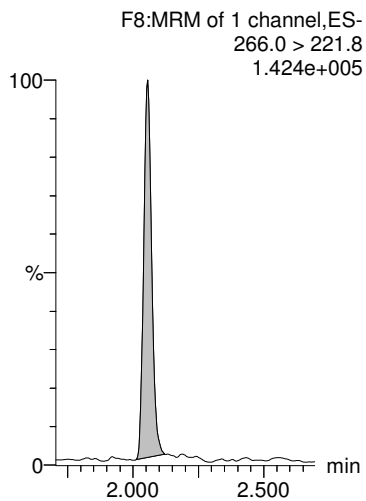

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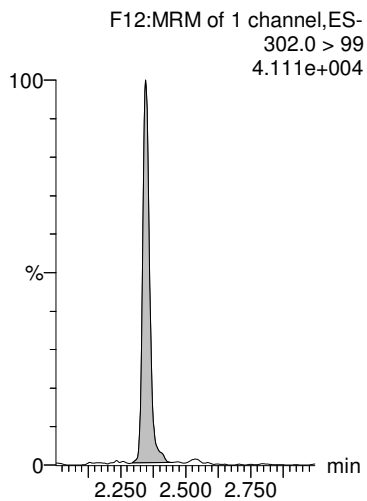

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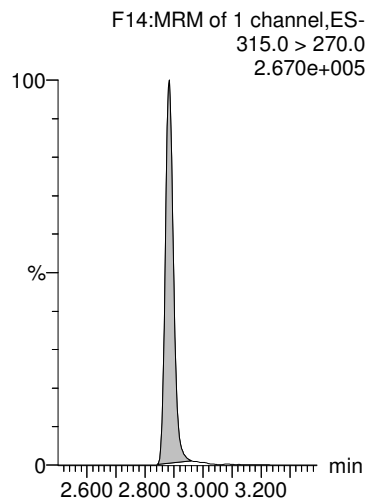

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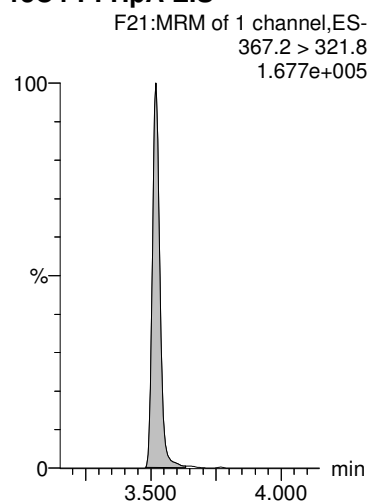

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Review: AMR 7/1/2020

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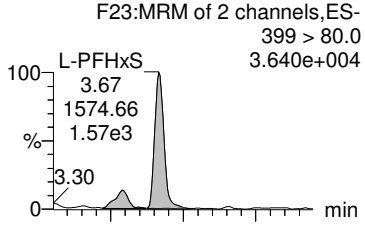
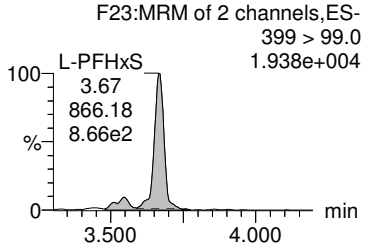
Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

L-PFHxS





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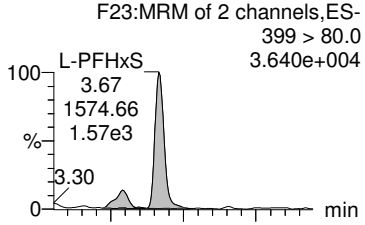

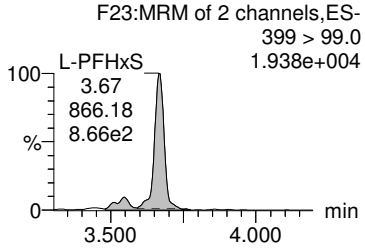

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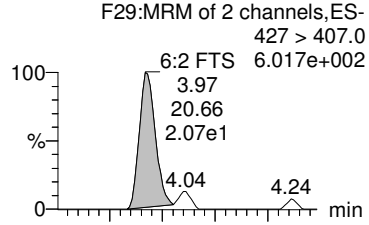

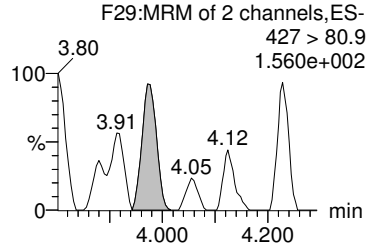

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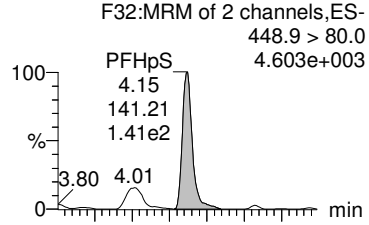

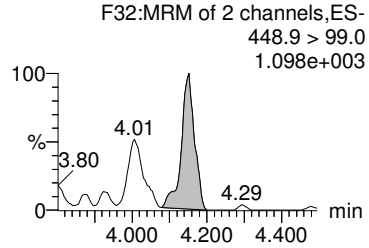

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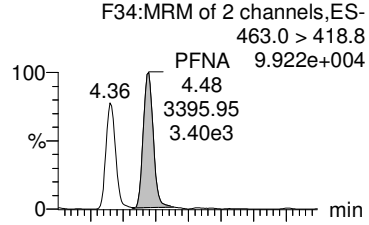

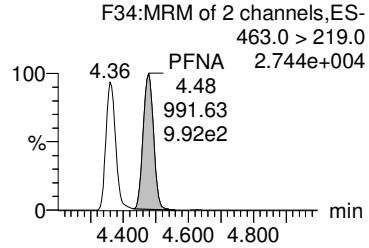

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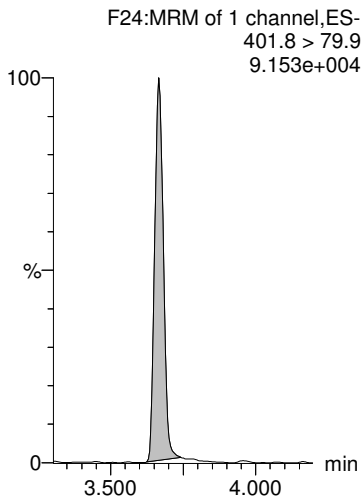

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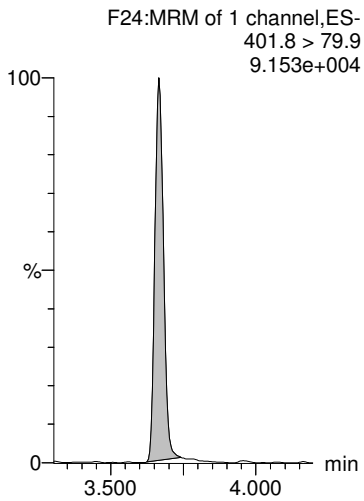

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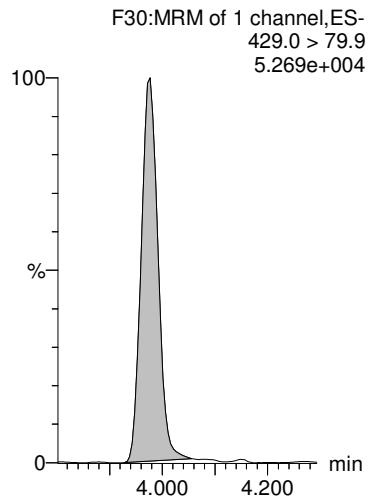

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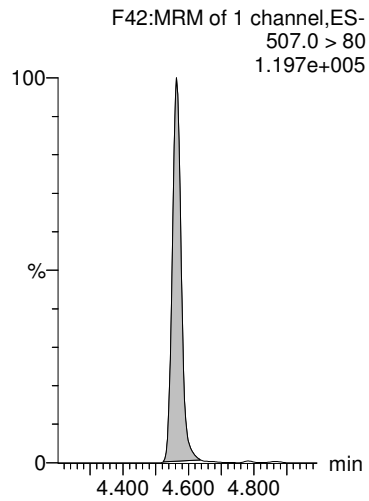

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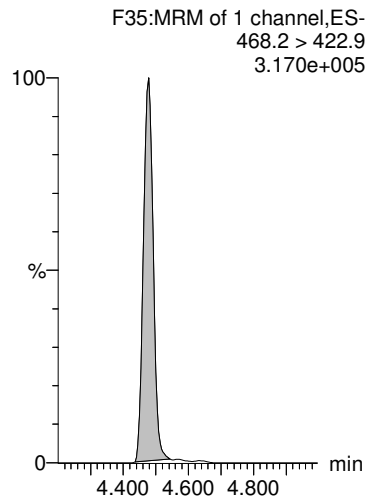


RK 6/30/2020

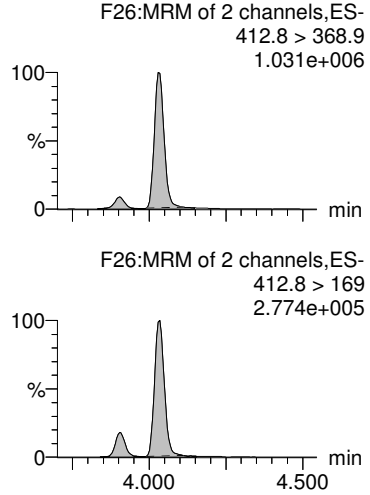
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-60.qld

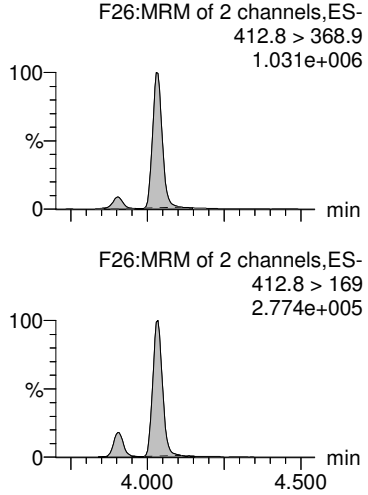
Last Altered: Tuesday, June 30, 2020 20:27:00 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:27:45 Pacific Daylight Time

Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

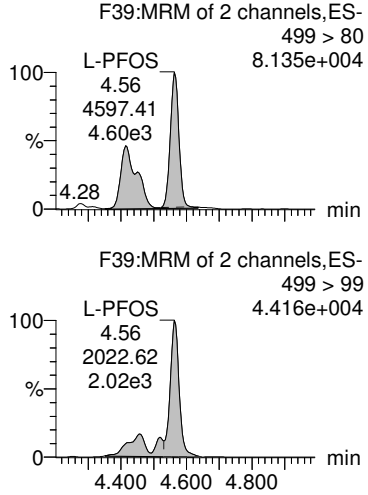
L-PFOA



Total PFOA



L-PFOS



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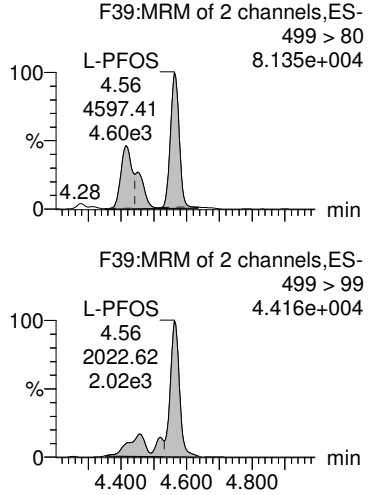

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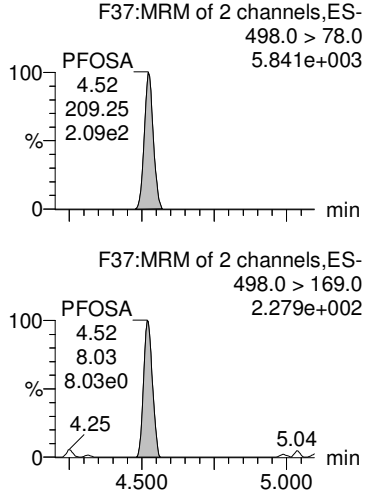

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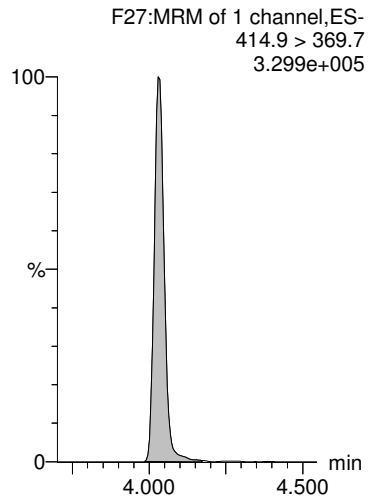

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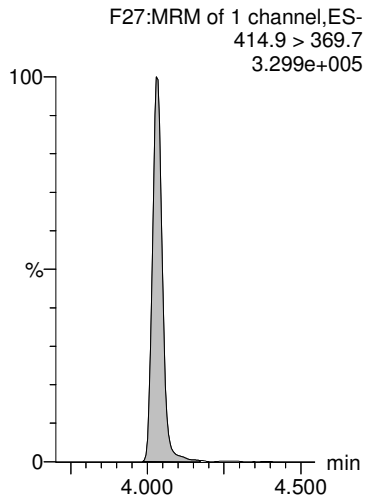
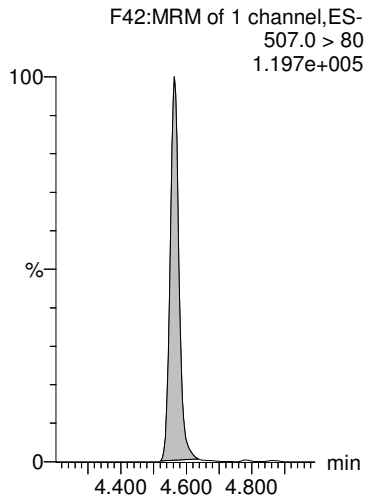


13C8-PFOS-EIS



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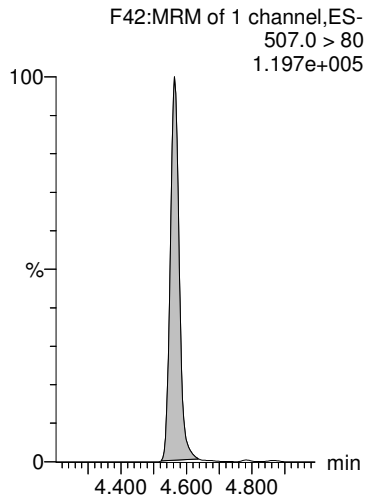

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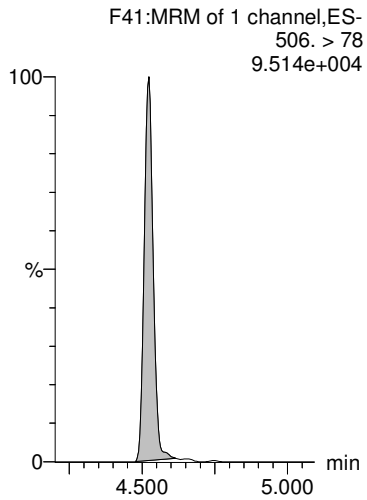


RK 6/30/2020

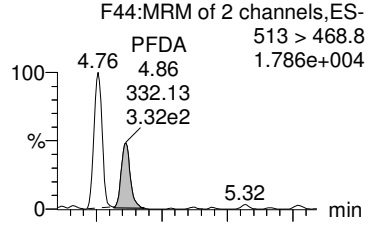
Review: AMR 7/1/2020

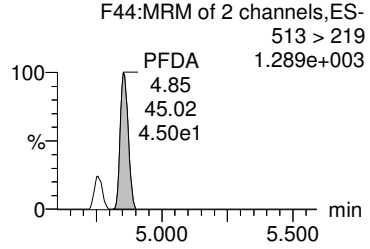
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-60.qld

Last Altered: Tuesday, June 30, 2020 20:27:00 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:27:45 Pacific Daylight Time

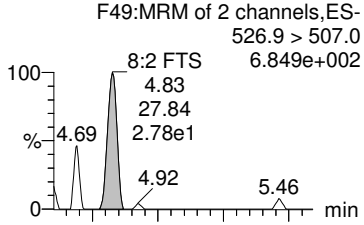
Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

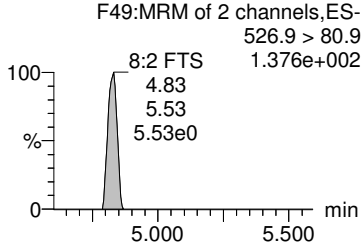
PFDA



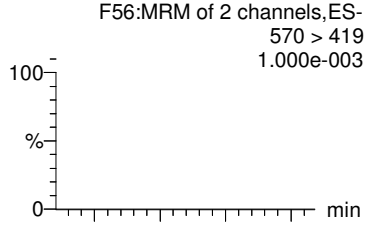


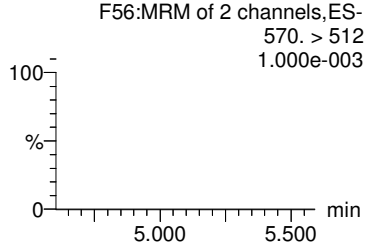
8:2 FTS



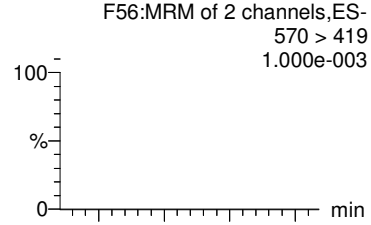


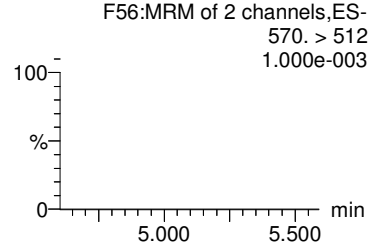
L-MeFOSAA



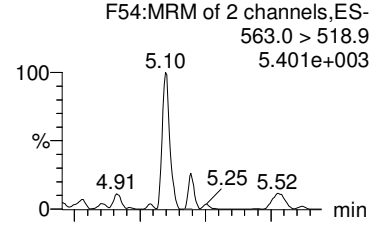


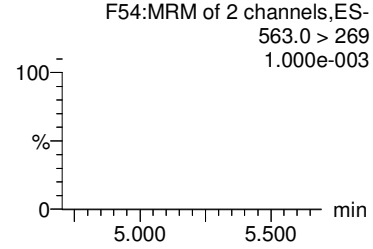
Total N-MeFOSAA





PFUdA





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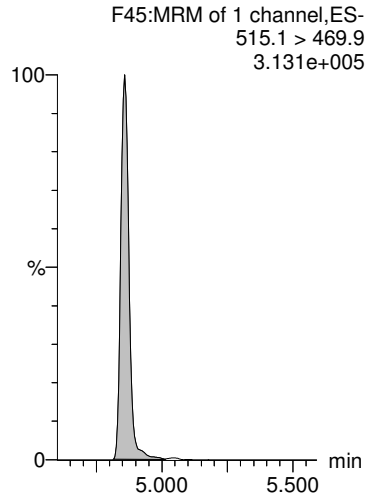

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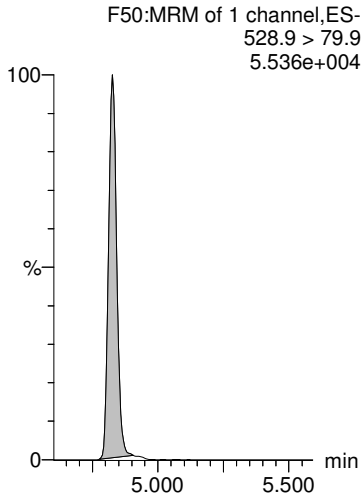

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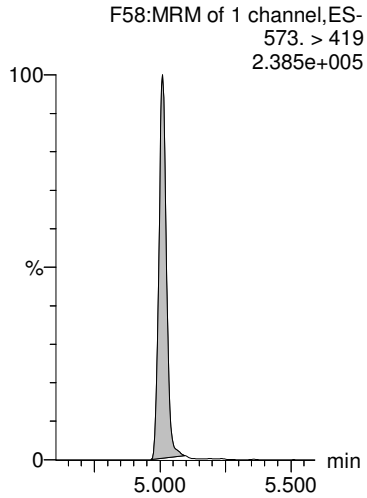

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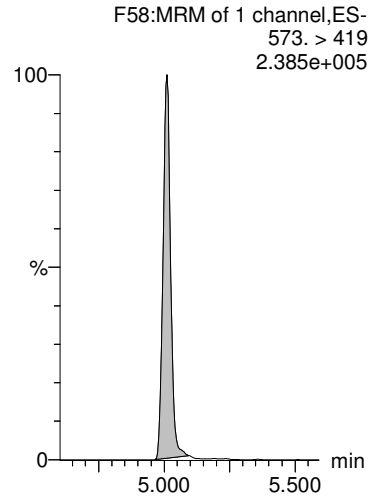

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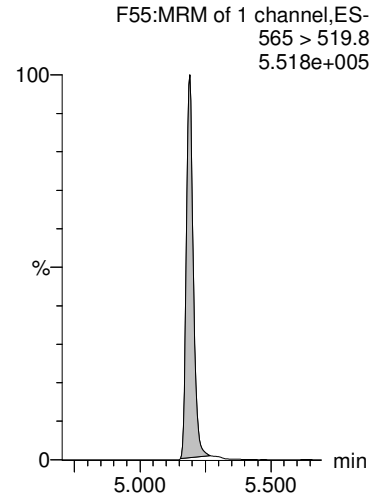

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-60.qld

Last Altered: Tuesday, June 30, 2020 20:27:00 Pacific Daylight Time
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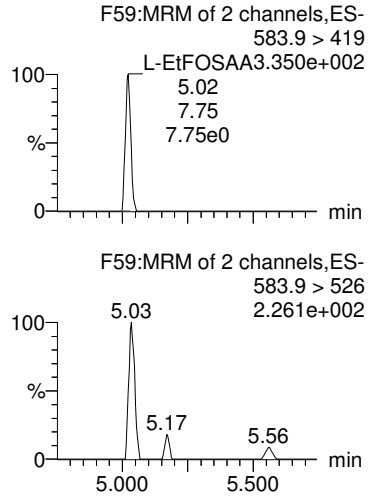
Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

L-EtFOSAA



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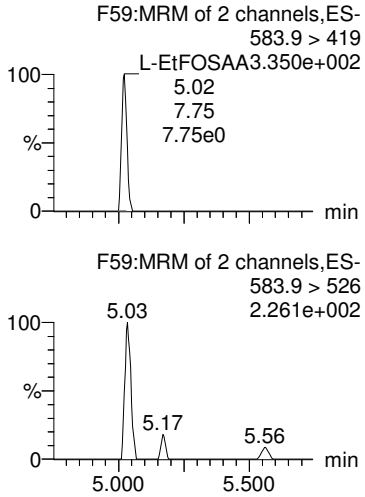

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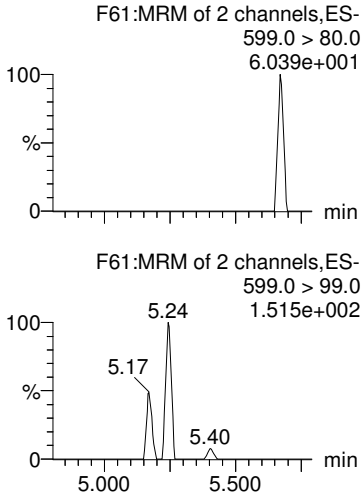
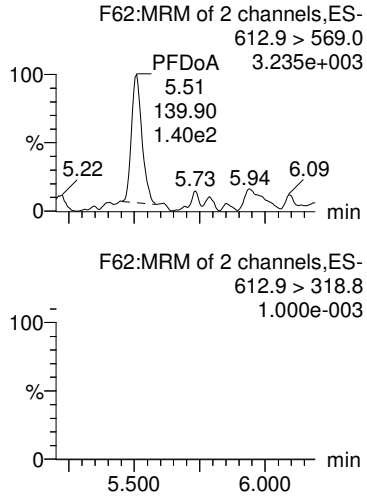


PFDoA



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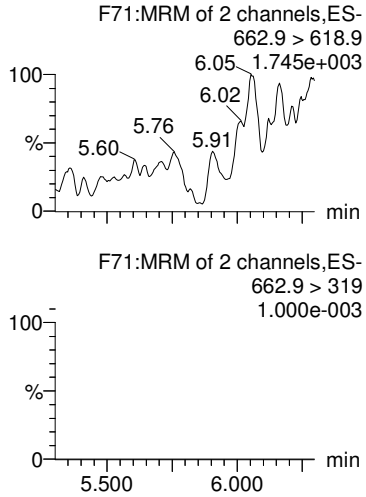

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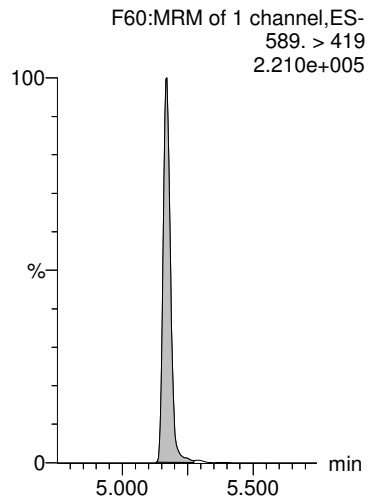

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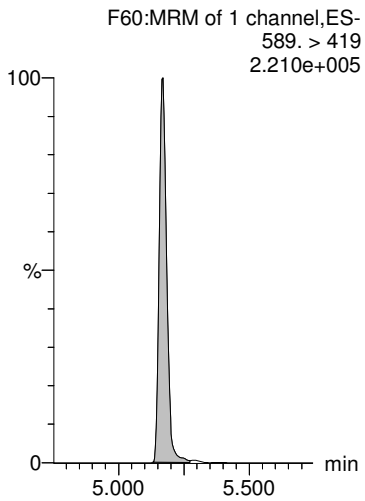
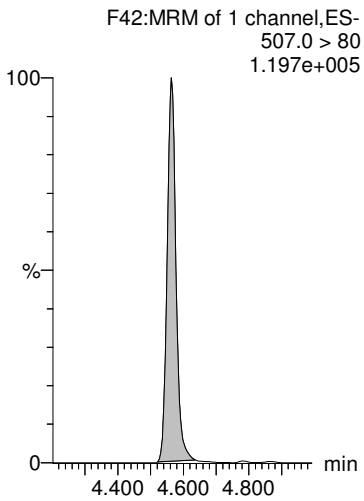
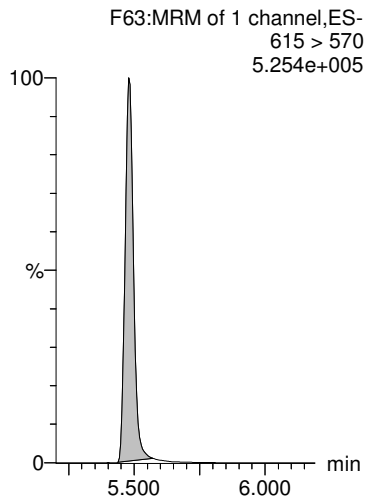


13C8-PFOS-EIS



13C2-PFDoA-EIS



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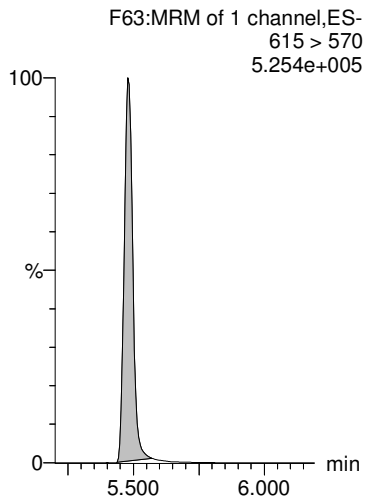

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-60.qld

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Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

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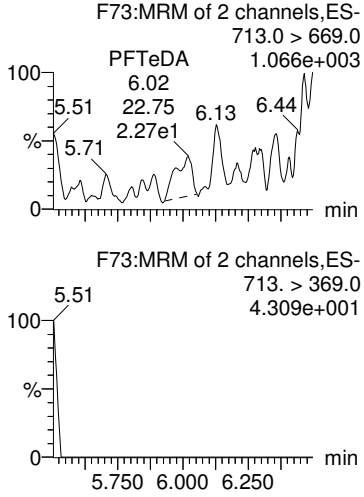

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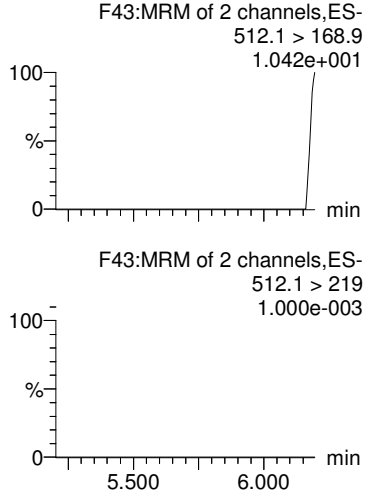

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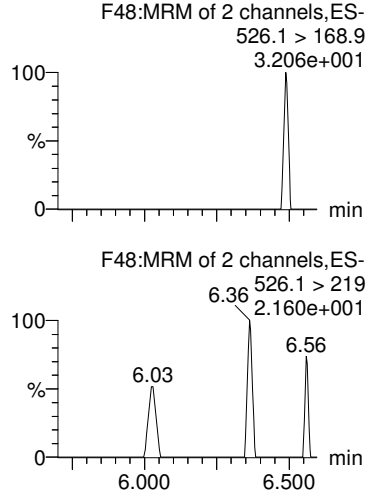

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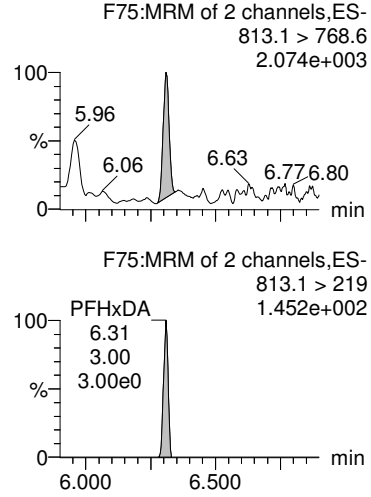

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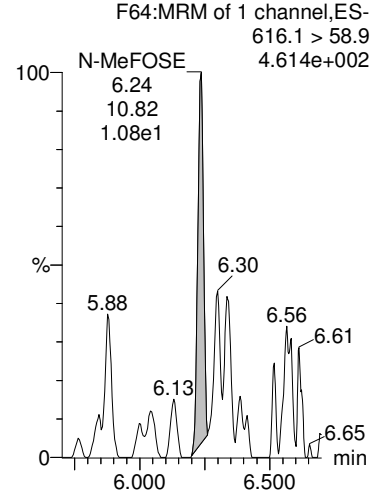

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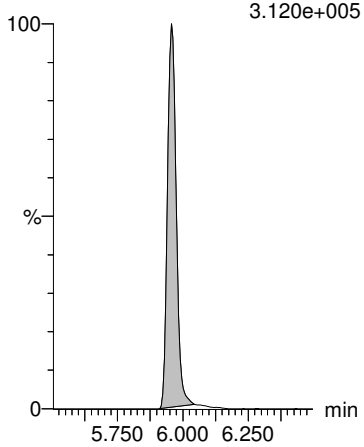
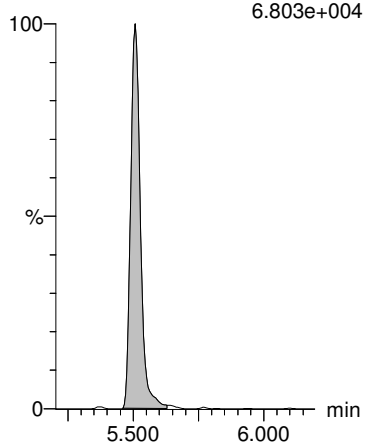


d3-N-MeFOSA-EIS



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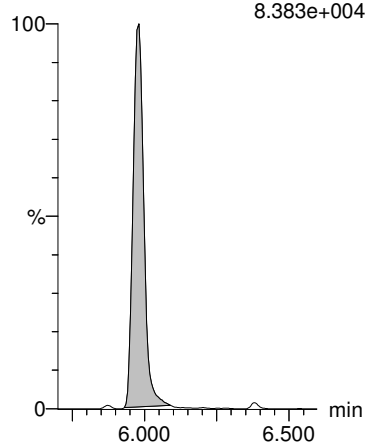

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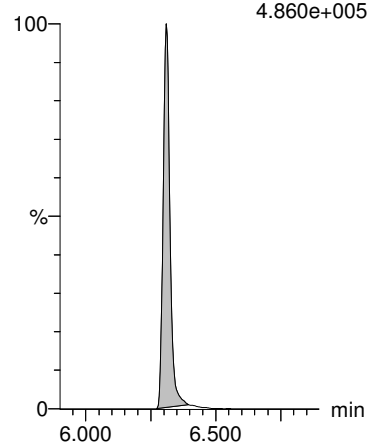

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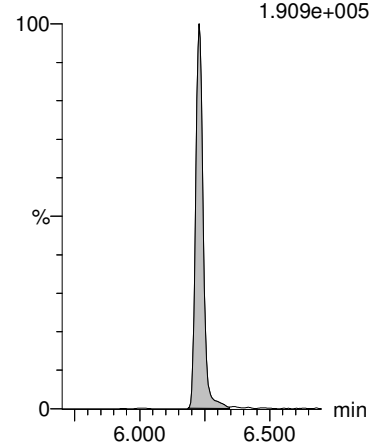

RK 6/30/2020

Review: AMR 7/1/2020

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Last Altered: Tuesday, June 30, 2020 20:27:00 Pacific Daylight Time
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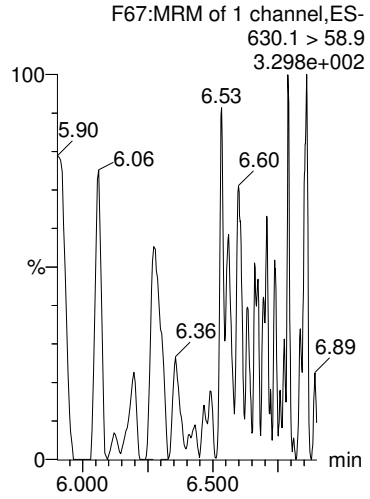
Name: 200623M1_60, Date: 23-Jun-2020, Time: 22:33:13, ID: 2001272-09 GW-GZ-105-DUP 0.10609, Description: GW-GZ-105-DUP

N-EtFOSE



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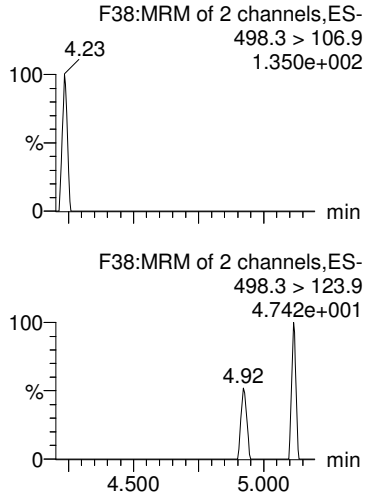
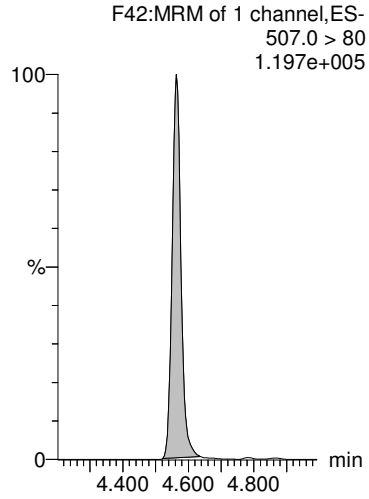


13C8-PFOS-EIS



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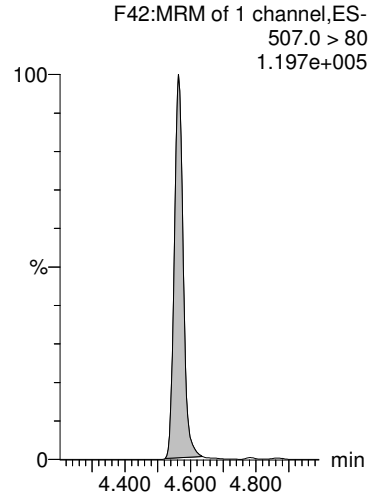

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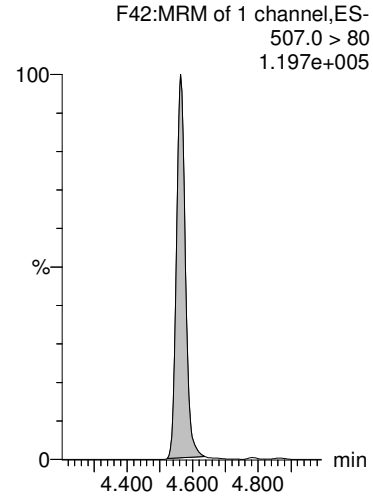
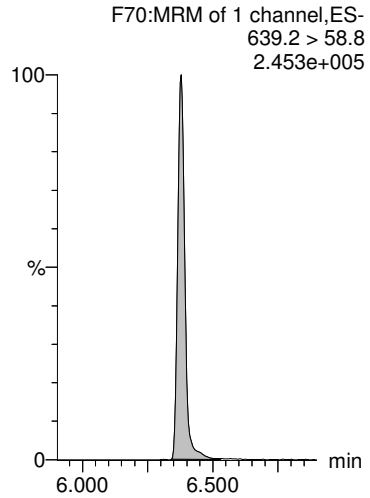
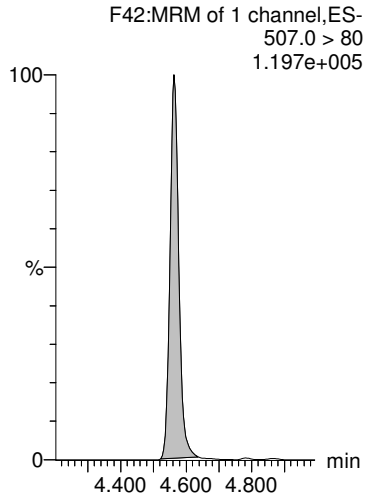


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/30/2020

Vista Analytical Laboratory L26

OC 7/1/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

Last Altered: Wednesday, July 01, 2020 16:21:59 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 16:22:41 Pacific Daylight Time

Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.468e2	3.702e3	0.112		1.10	1.11	0.496	3.003			
2	4	PFPeA	263.1 > 218.9	7.856e1	5.017e3	0.112		2.06	2.06	0.196	1.453			
3	5	PFBS	299.0 > 79.7	7.489e1	1.323e3	0.112		2.35	2.35	0.707	3.339		2.73	NO
4	7	PFHxA	313.0 > 269.0	4.178e2	9.226e3	0.112		2.88	2.88	0.566	4.969		11.6	NO
5	11	PFHpA	363.0 > 318.9	2.615e2	5.709e3	0.112		3.52	3.52	0.573	4.114		8.59	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.702e3		0.112	211.507	0.84	1.10	3700	156.264	140.0		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.017e3		0.112	430.335	2.06	2.06	5020	104.091	93.3		
8	51	13C3-PFBS-EIS	302.0 > 99	1.323e3		0.112	119.139	2.49	2.35	1320	99.165	88.9		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	9.226e3		0.112	810.703	3.06	2.88	9230	101.603	91.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.709e3		0.112	538.644	3.59	3.52	5710	94.630	84.8		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.022e2	3.341e3	0.112		3.67	3.67	0.382	2.623		1.27	NO
13	1...	Total PFHxS	399 > 80	1.022e2	3.341e3	0.112		3.83		0.382	2.623			
14	15	6:2 FTS	427 > 407.0		1.597e3	0.112		3.98						YES
15	19	PFHpS	448.9 > 80.0	4.111e0	3.976e3	0.112		4.18	4.15	0.0129			0.906	NO
16	21	PFNA	463.0 > 418.8	1.199e2	1.085e4	0.112		4.48	4.47	0.138	1.393		5.72	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.341e3		0.112	297.710	3.80	3.67	3340	100.201	89.8		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.341e3		0.112	297.710	3.80	3.67	3340	100.201	89.8		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.597e3		0.112	189.343	4.04	3.98	1600	75.313	67.5		
20	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.085e4		0.112	1024.035	4.68	4.48	10800	94.593	84.8		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.972e3	1.232e4	0.112		4.03	4.03	2.00	11.540		3.54	NO
24	1...	Total PFOA	412.8 > 368.9	1.972e3	1.232e4	0.112		4.20		2.00	11.540			
25	23	L-PFOS	499 > 80	5.960e1	3.976e3	0.112		4.56	4.42	0.187	1.171		2.59	YES
26	1...	Total PFOS	499 > 80	5.960e1	3.976e3	0.112		4.73		0.187	1.171			
27	22	PFOSA	498.0 > 78.0	4.377e1	2.723e3	0.112		4.52	4.52	0.201	1.827		296	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.232e4		0.112	1051.559	4.10	4.03	12300	104.558	93.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.232e4		0.112	1051.559	4.10	4.03	12300	104.558	93.7		
30	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		
31	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		
32	67	13C8-PFOSA-EIS	506. > 78	2.723e3		0.112	327.488	4.58	4.52	2720	74.222	66.5		
33	-1													
34	26	PFDA	513 > 468.8		1.128e4	0.112		4.85						YES
35	27	8:2 FTS	526.9 > 507.0		1.881e3	0.112		4.83						YES
36	29	L-MeFOSAA	570 > 419		8.330e3	0.112		5.01						YES

AMR for RK 7/1/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

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Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	8.330e3	0.112		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.697e4	0.112		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.128e4		0.112	1015.350	4.90	4.85	11300	99.189	88.9		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.881e3		0.112	213.425	4.88	4.83	1880	78.665	70.5		
41	77	d3-N-MeFOSAA-EIS	573. > 419	8.330e3		0.112	959.325	5.25	5.01	8330	77.526	69.5		
42	77	d3-N-MeFOSAA-EIS	573. > 419	8.330e3		0.112	959.325	5.25	5.01	8330	77.526	69.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.697e4		0.112	1526.144	5.23	5.19	17000	99.275	89.0		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.943e3	0.112		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.943e3	0.112		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.976e3	0.112		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.836e4	0.112		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.836e4	0.112		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.943e3		0.112	833.625	5.21	5.17	6940	74.355	66.6		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.943e3		0.112	833.625	5.21	5.17	6940	74.355	66.6		
52	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		
53	83	13C2-PFDoA-EIS	615 > 570	1.836e4		0.112	1936.260	5.51	5.48	18400	84.640	75.8		
54	83	13C2-PFDoA-EIS	615 > 570	1.836e4		0.112	1936.260	5.51	5.48	18400	84.640	75.8		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.069e4	0.112		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		1.467e3	0.112		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		1.475e3	0.112		5.95						YES
59	43	PFHxDA	813.1 > 768.6	5.445e1	1.306e4	0.112		6.31	6.31	0.0521			68.7	NO
60	45	N-MeFOSE	616.1 > 58.9		3.961e3	0.112		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.069e4		0.112	1229.760	5.98	5.96	10700	77.573	69.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.467e3		0.112	89.439	5.60	5.51	1470	146.424	11.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.475e3		0.112	145.327	6.03	5.97	1480	90.630	6.8		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.306e4		0.112	1833.619	6.55	6.31	13100	63.610	57.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.961e3		0.112	57.460	6.23	6.23	3960	615.498	46.2		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.697e3	0.112		6.38						
68	1...	TDCA	498.3>106.9			0.112		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		
70	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		
71	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.697e3		0.112	67.369	6.38	6.38	4700	622.459	46.7		

AMR for RK 7/1/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

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Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.976e3		0.112	323.537	4.88	4.56	3980	109.727	98.3		

AMR for RK 7/1/2020

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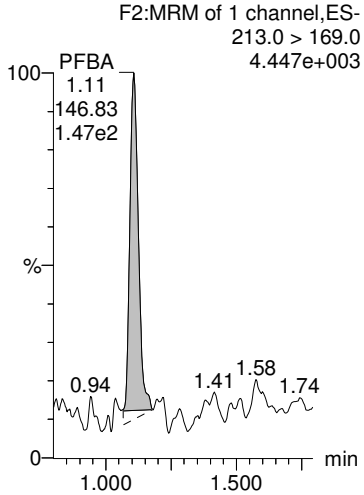
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 18:45:05
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

PFBA



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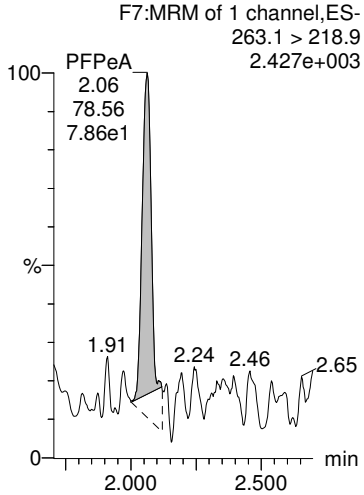

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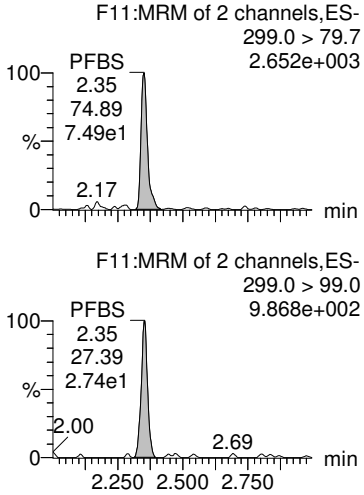

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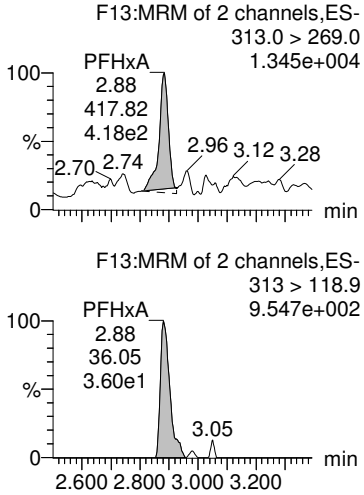

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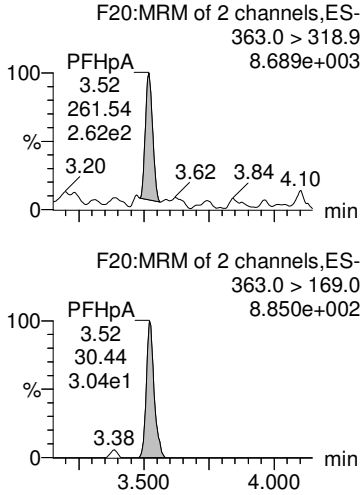

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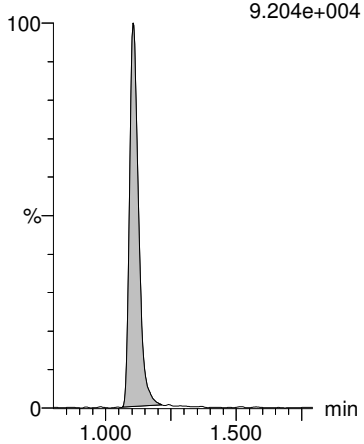

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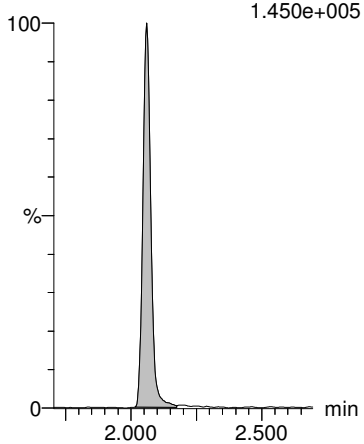

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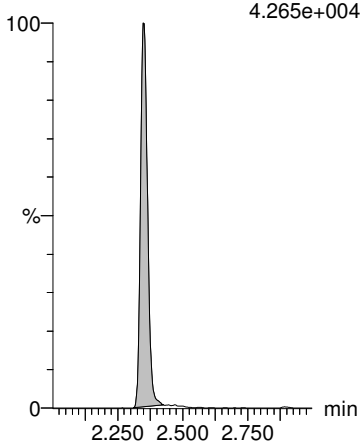

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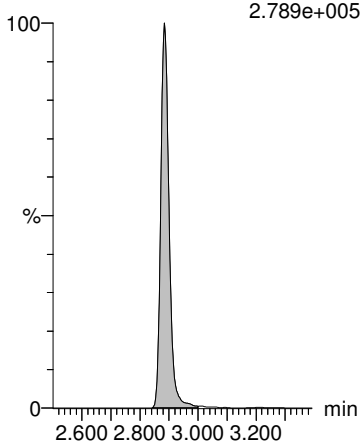

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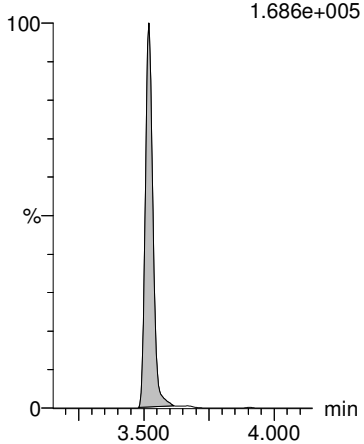

AMR for RK 7/1/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

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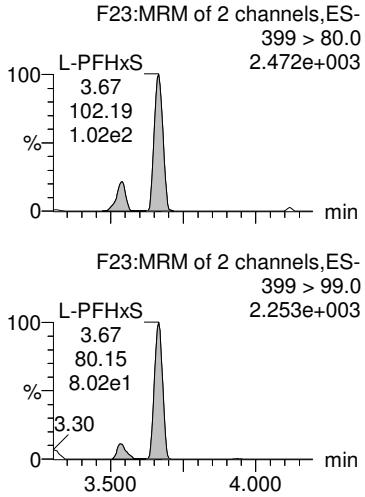
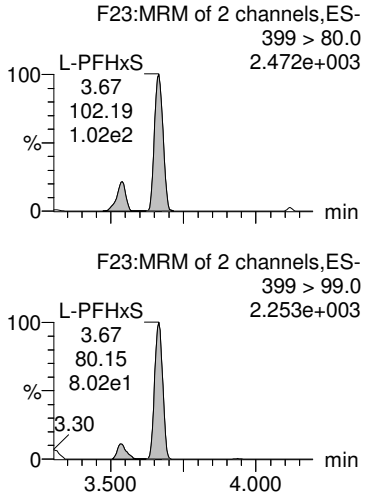
Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

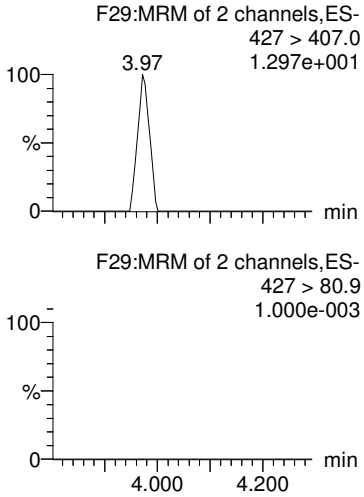
L-PFHxS



Total PFHxS



6:2 FTS



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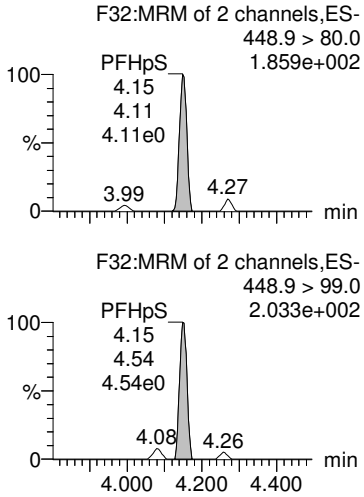
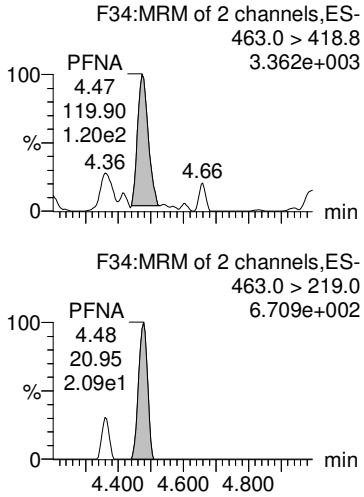


PFNA



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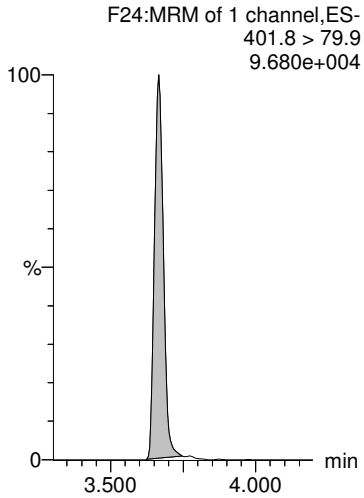

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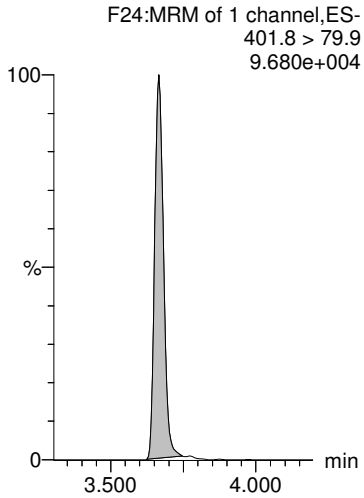

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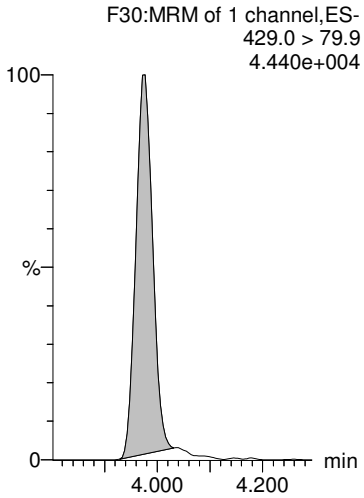

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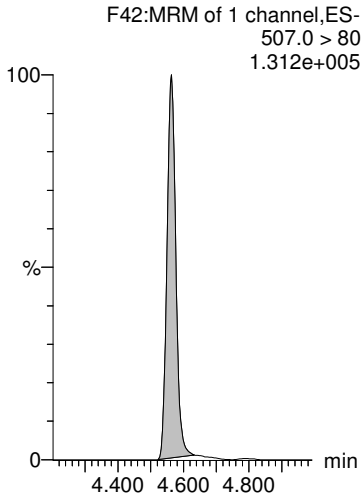

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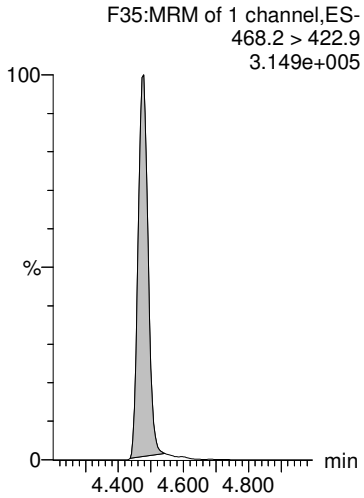

AMR for RK 7/1/2020

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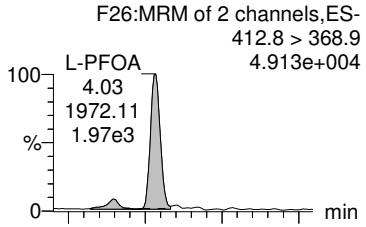
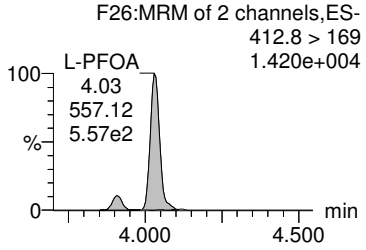
Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

L-PFOA





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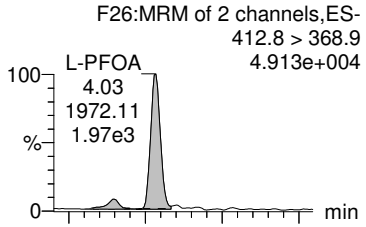
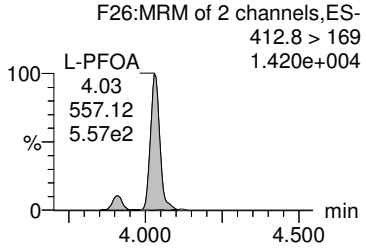
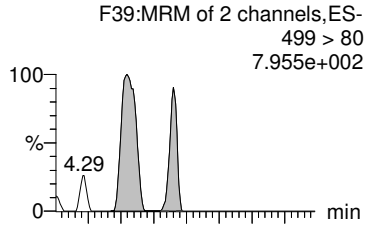
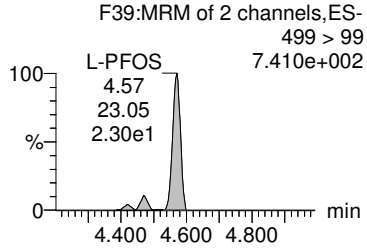




L-PFOS





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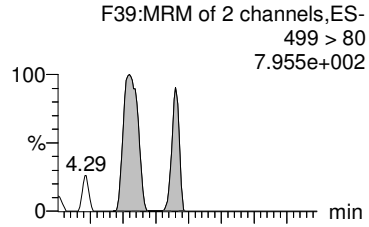

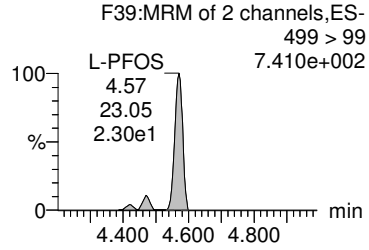

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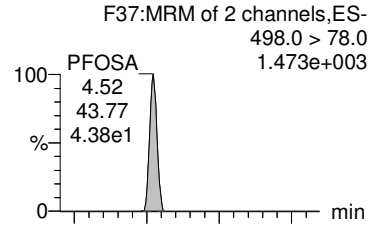
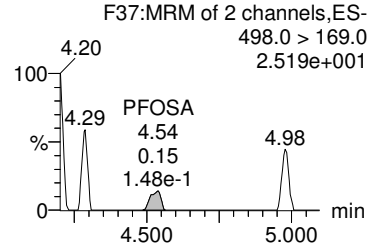
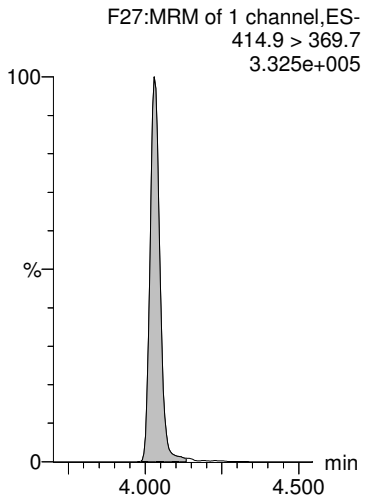
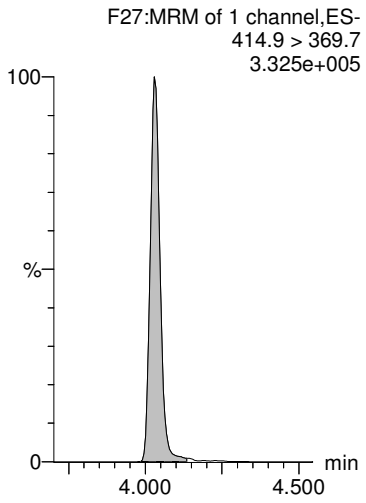




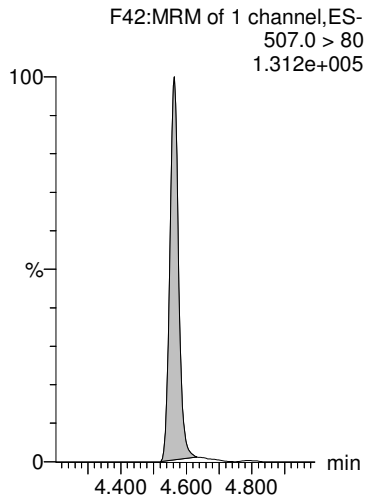
13C2-PFOA-EIS



13C2-PFOA-EIS



13C8-PFOS-EIS



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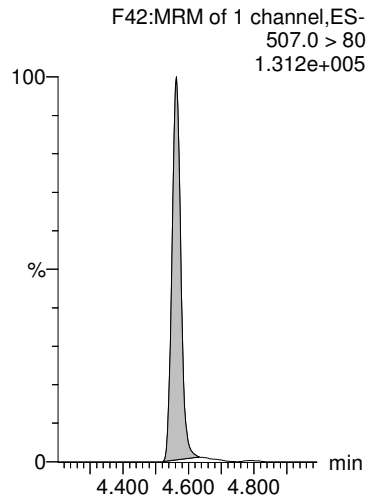

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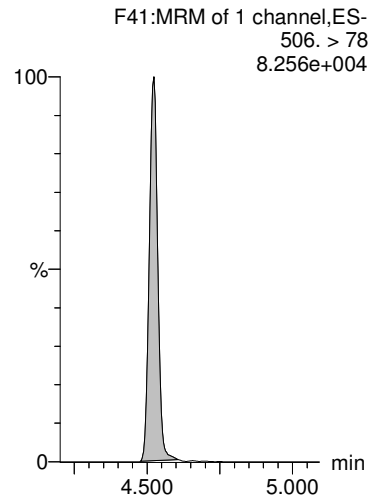


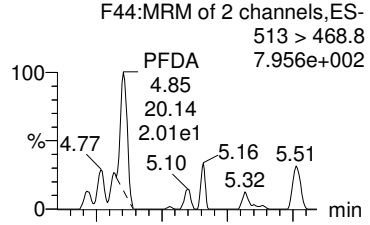
AMR for RK 7/1/2020

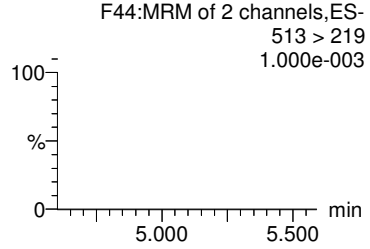
Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

Last Altered: Wednesday, July 01, 2020 16:21:59 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 16:22:41 Pacific Daylight Time

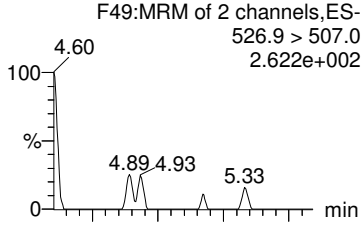
Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

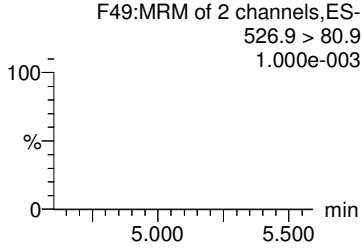
PFDA



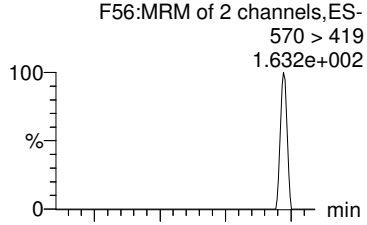


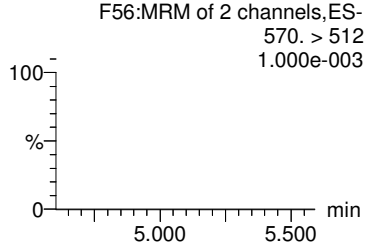
8:2 FTS



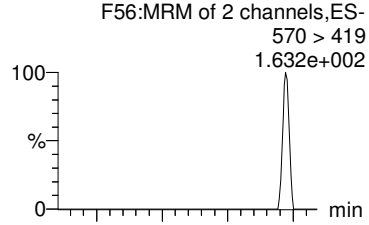


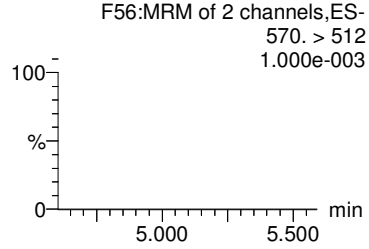
L-MeFOSAA



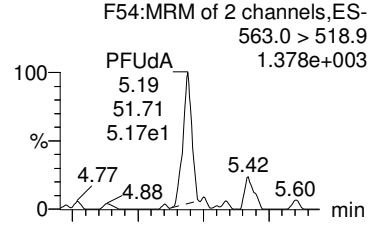


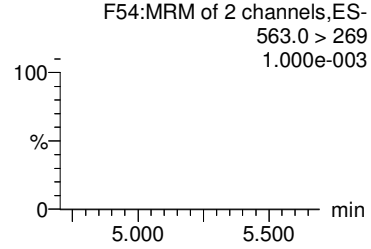
Total N-MeFOSAA



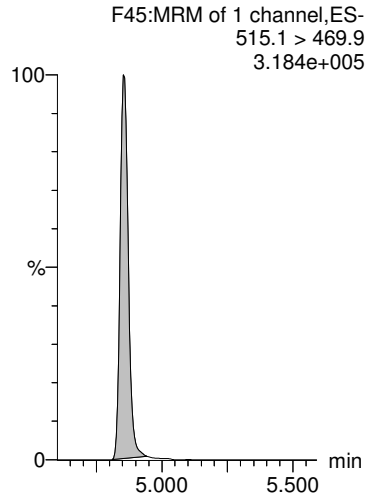


PFUdA





13C2-PFDA-EIS



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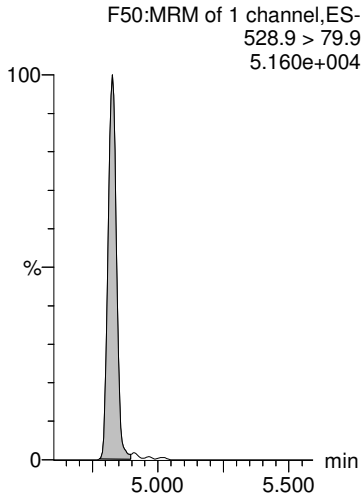
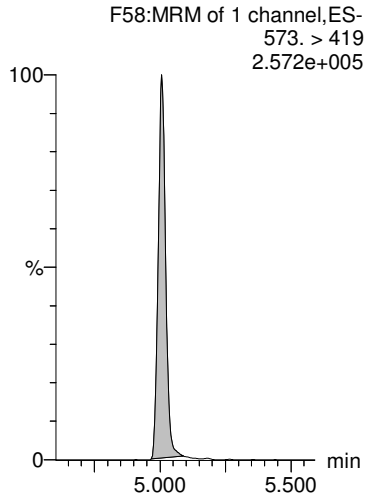


d3-N-MeFOSAA-EIS



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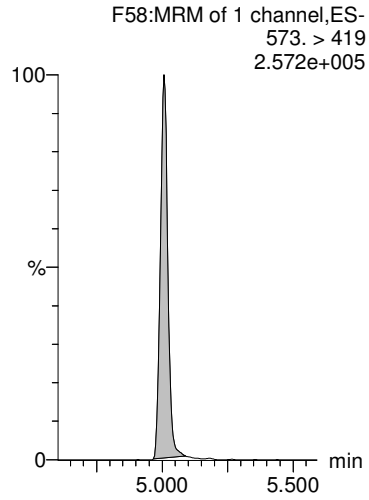

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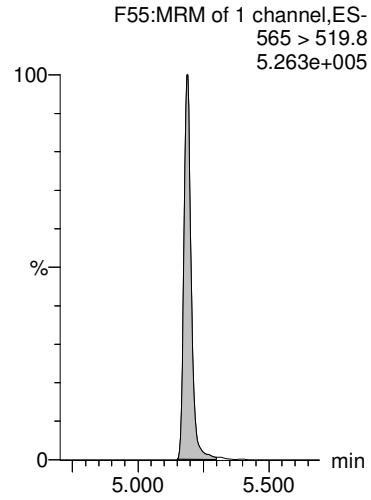


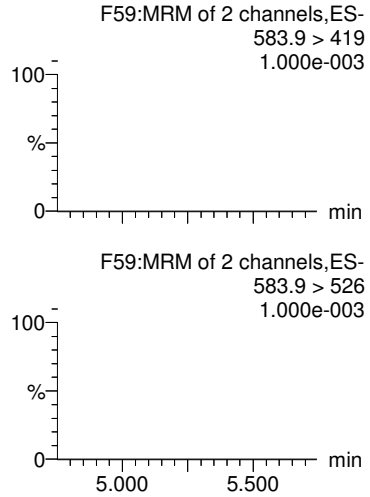
AMR for RK 7/1/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

Last Altered: Wednesday, July 01, 2020 16:21:59 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 16:22:41 Pacific Daylight Time

Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

L-EtFOSAA



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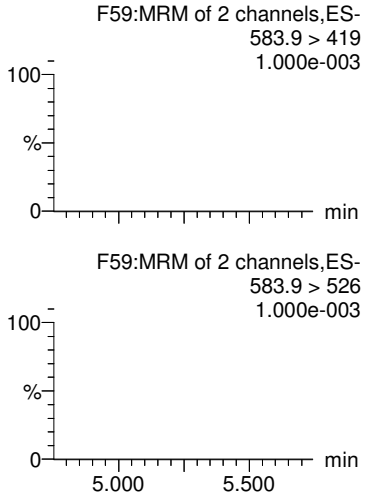
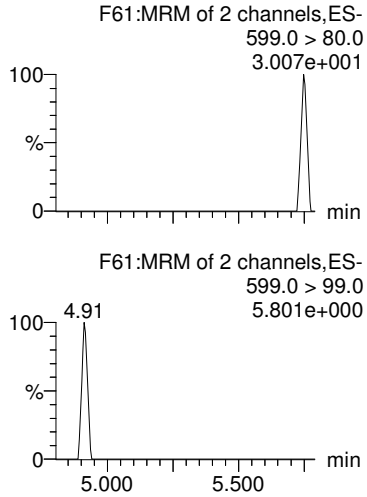
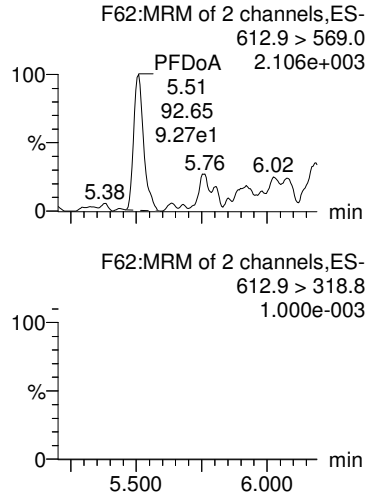


PFDS



PFDoA



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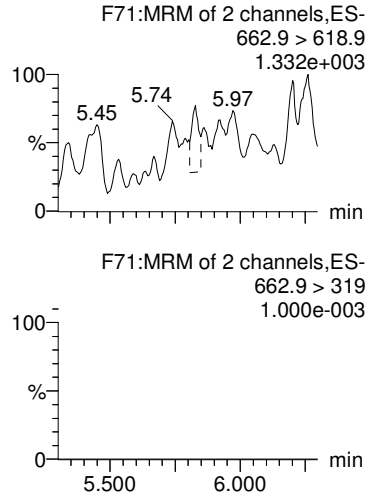
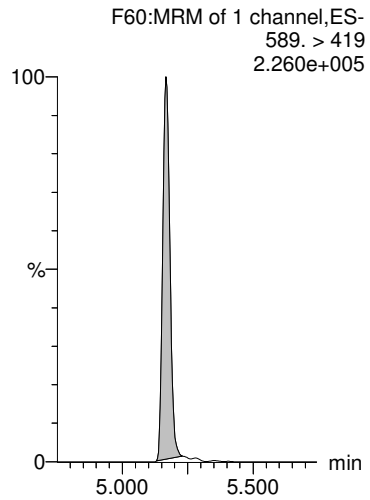


d5-N-EtFOSAA-EIS



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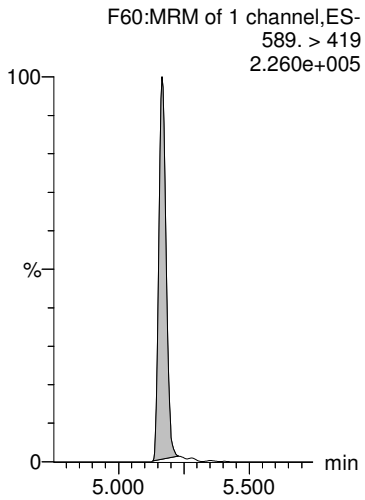
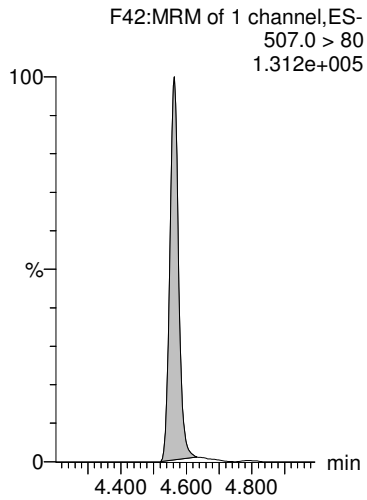
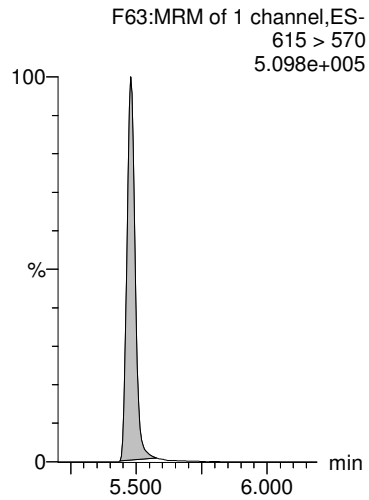


13C8-PFOS-EIS



13C2-PFDoA-EIS



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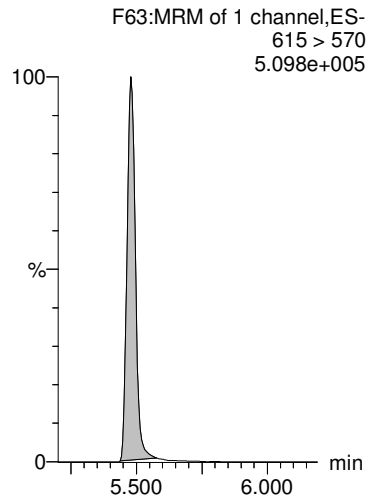


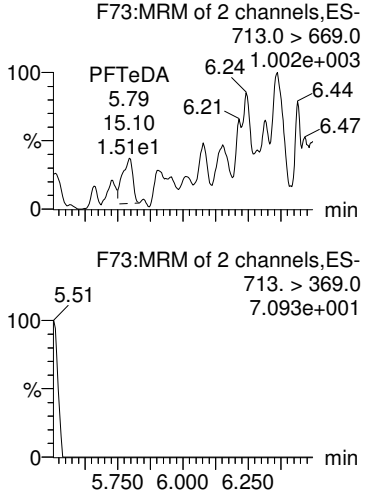
AMR for RK 7/1/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

Last Altered: Wednesday, July 01, 2020 16:21:59 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 16:22:41 Pacific Daylight Time

Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

PFTeDA



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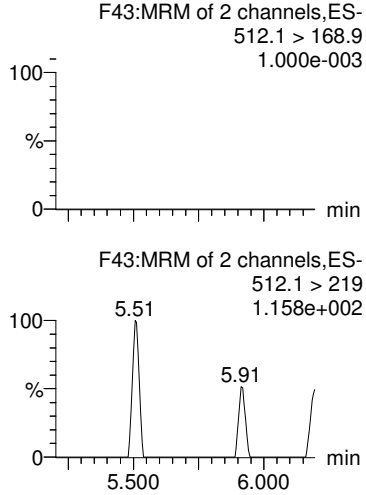

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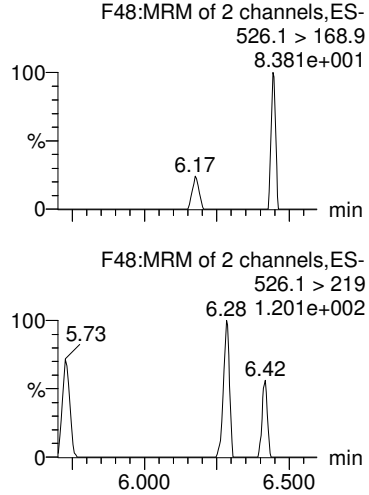
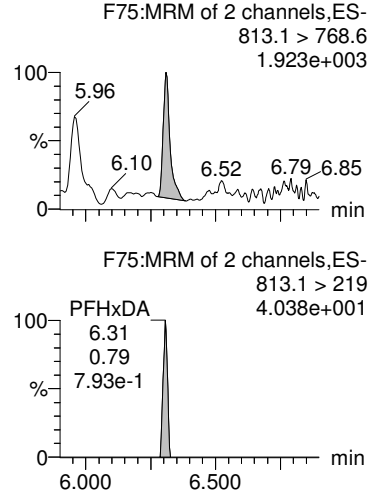
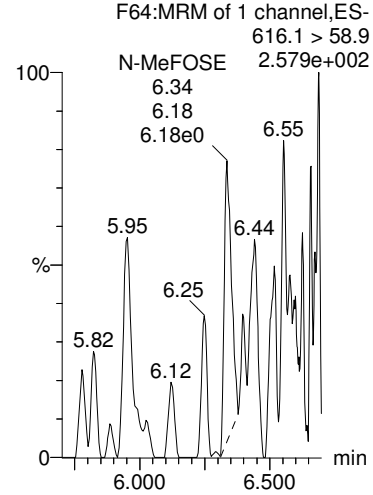


PFHxDA



N-MeFOSE



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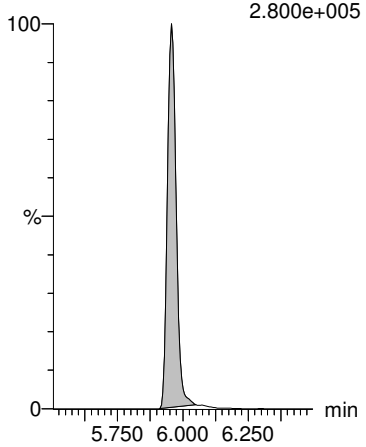
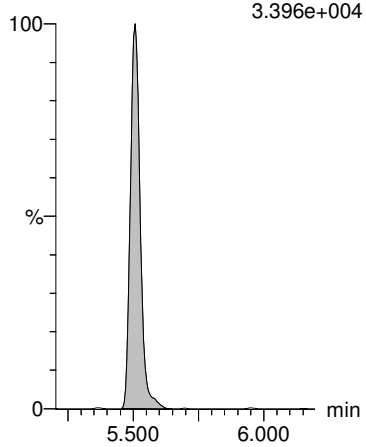
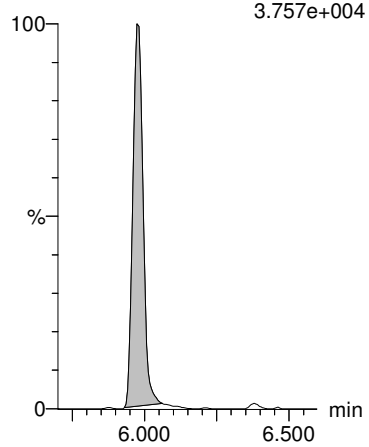


d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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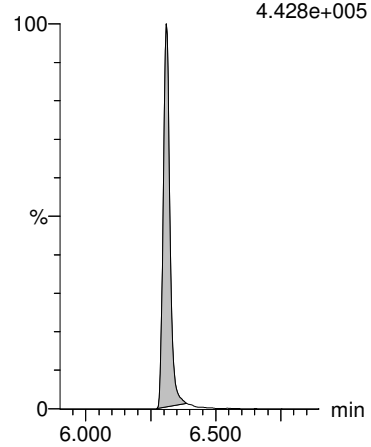
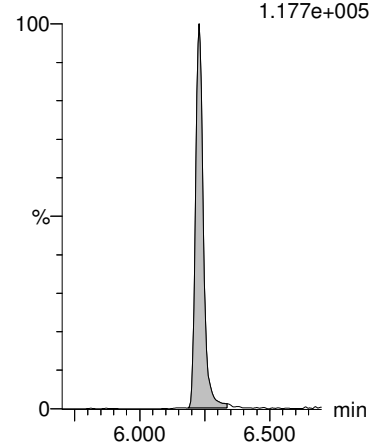


d7-N-MeFOSE-EIS



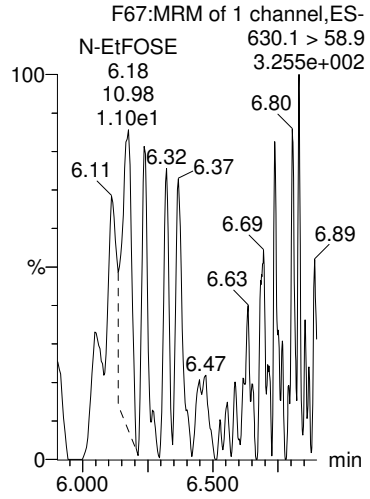
AMR for RK 7/1/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200623M1\200623M1-61.qld

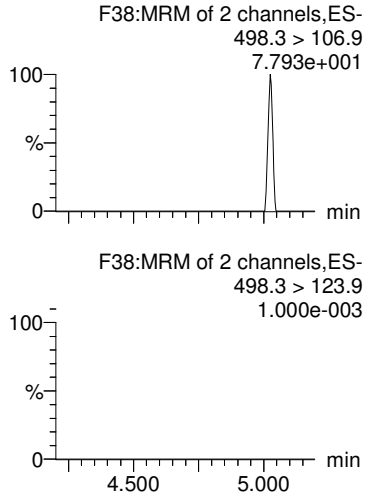
Last Altered: Wednesday, July 01, 2020 16:21:59 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 16:22:41 Pacific Daylight Time

Name: 200623M1_61, Date: 23-Jun-2020, Time: 22:43:35, ID: 2001272-10 GW-FPC-8A 0.11201, Description: GW-FPC-8A

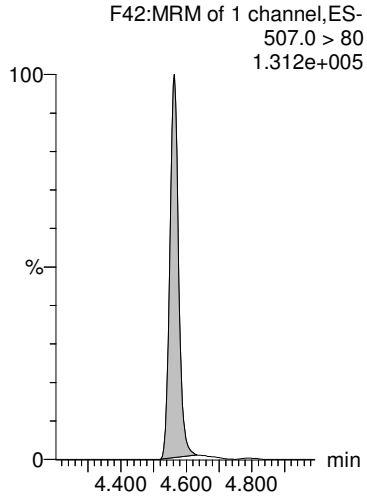
N-EtFOSE



TDCA



13C8-PFOS-EIS



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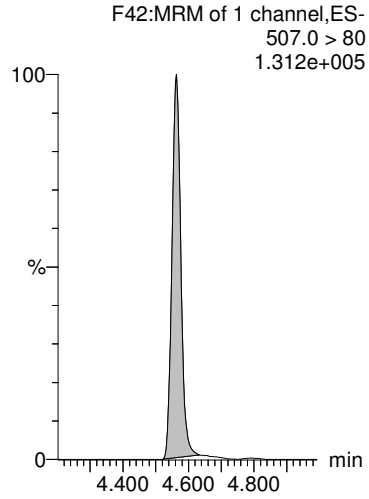

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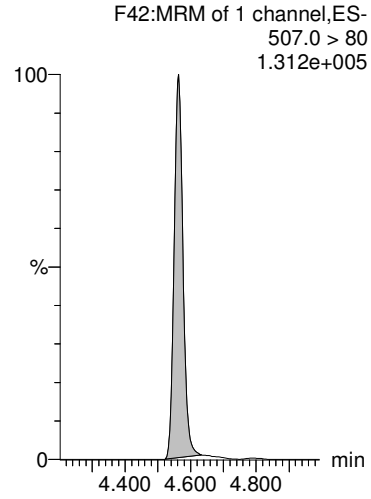
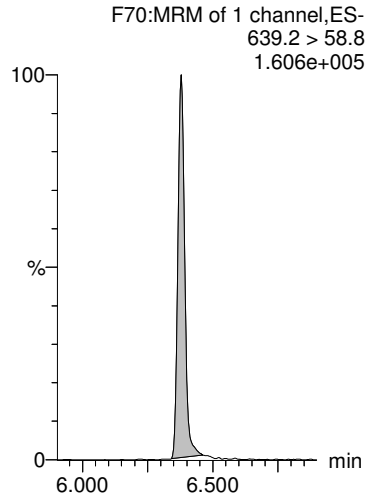


d9-N-EtFOSE-EIS



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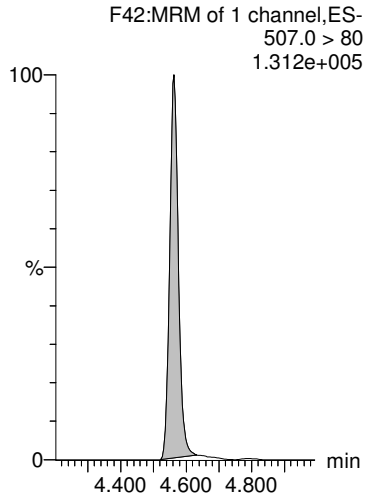


AMR for RK 7/1/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	7.129e1	3.275e3	0.107		1.11	1.11	0.272	1.758			
2	4	PFPeA	263.1 > 218.9	4.976e1	4.386e3	0.107		2.06	2.06	0.142	0.973			
3	5	PFBS	299.0 > 79.7	3.701e1	1.248e3	0.107		2.35	2.35	0.371	1.950		3.83	NO
4	7	PFHxA	313.0 > 269.0	2.318e2	8.842e3	0.107		2.88	2.88	0.328	3.240		36.8	NO
5	11	PFHpA	363.0 > 318.9		5.828e3	0.107		3.52						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.275e3		0.107	211.507	0.84	1.11	3280	144.377	123.9		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.386e3		0.107	430.335	2.06	2.06	4390	95.030	81.5		
8	51	13C3-PFBS-EIS	302.0 > 99	1.248e3		0.107	119.139	2.49	2.35	1250	97.630	83.8		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.842e3		0.107	810.703	3.06	2.88	8840	101.683	87.3		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.828e3		0.107	538.644	3.59	3.52	5830	100.868	86.6		
11	-1													
12	13	L-PFHxS	399 > 80.0	6.258e1	2.914e3	0.107		3.67	3.67	0.268	1.570		1.23	NO
13	1...	Total PFHxS	399 > 80	6.258e1	2.914e3	0.107		3.83		0.268	1.570			
14	15	6:2 FTS	427 > 407.0	3.001e0	1.594e3	0.107		3.98	3.98	0.0235	0.005		2.00	NO
15	19	PFHpS	448.9 > 80.0	4.455e0	3.657e3	0.107		4.18	4.15	0.0152			7.16	NO
16	21	PFNA	463.0 > 418.8		1.018e4	0.107		4.47						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.914e3		0.107	297.710	3.80	3.67	2910	91.258	78.3		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.914e3		0.107	297.710	3.80	3.67	2910	91.258	78.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.594e3		0.107	189.343	4.04	3.98	1590	78.483	67.3		
20	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.018e4		0.107	1024.035	4.68	4.47	10200	92.662	79.5		
22	-1													
23	16	L-PFOA	412.8 > 368.9	7.601e2	1.160e4	0.107		4.03	4.03	0.819	4.419		4.09	NO
24	1...	Total PFOA	412.8 > 368.9	7.601e2	1.160e4	0.107		4.20		0.819	4.419			
25	23	L-PFOS	499 > 80	3.839e0	3.657e3	0.107		4.56	4.56	0.0131			0.531	NO
26	1...	Total PFOS	499 > 80	3.839e0	3.657e3	0.107		4.73		0.000				
27	22	PFOSA	498.0 > 78.0	2.048e2	3.160e3	0.107		4.52	4.52	0.810	7.894		48.5	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.160e4		0.107	1051.559	4.10	4.03	11600	102.839	88.2		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.160e4		0.107	1051.559	4.10	4.03	11600	102.839	88.2		
30	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		
31	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		
32	67	13C8-PFOSA-EIS	506. > 78	3.160e3		0.107	327.488	4.58	4.52	3160	89.956	77.2		
33	-1													
34	26	PFDA	513 > 468.8		8.796e3	0.107		4.86						YES
35	27	8:2 FTS	526.9 > 507.0		1.864e3	0.107		4.83						YES
36	29	L-MeFOSAA	570 > 419		7.625e3	0.107		5.01						YES

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.625e3	0.107		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.572e4	0.107		5.19						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	8.796e3		0.107	1015.350	4.90	4.86	8800	80.766	69.3		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.864e3		0.107	213.425	4.88	4.83	1860	81.427	69.9		
41	77	d3-N-MeFOSAA-EIS	573. > 419	7.625e3		0.107	959.325	5.25	5.01	7630	74.108	63.6		
42	77	d3-N-MeFOSAA-EIS	573. > 419	7.625e3		0.107	959.325	5.25	5.01	7630	74.108	63.6		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.572e4		0.107	1526.144	5.23	5.19	15700	96.048	82.4		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		7.316e3	0.107		5.17						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	7.316e3	0.107		5.33		0.000				
47	34	PFDS	599.0 > 80.0		3.657e3	0.107		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.775e4	0.107		5.48						YES
49	39	PFTrDA	662.9 > 618.9		1.775e4	0.107		5.73						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	7.316e3		0.107	833.625	5.21	5.17	7320	81.826	70.2		
51	81	d5-N-EtFOSAA-EIS	589. > 419	7.316e3		0.107	833.625	5.21	5.17	7320	81.826	70.2		
52	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		
53	83	13C2-PFDoA-EIS	615 > 570	1.775e4		0.107	1936.260	5.51	5.48	17800	85.479	73.3		
54	83	13C2-PFDoA-EIS	615 > 570	1.775e4		0.107	1936.260	5.51	5.48	17800	85.479	73.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.564e3	0.107		5.96						YES
57	38	N-MeFOSA	512.1 > 168.9		3.439e3	0.107		5.50						YES
58	42	N-EtFOSA	526.1 > 168.9		3.087e3	0.107		5.96						YES
59	43	PFHxDA	813.1 > 768.6		4.113e3	0.107		6.31						YES
60	45	N-MeFOSE	616.1 > 58.9		3.002e3	0.107		6.23						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.564e3		0.107	1229.760	5.98	5.96	8560	64.924	55.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.439e3		0.107	89.439	5.60	5.51	3440	358.519	25.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.087e3		0.107	145.327	6.03	5.98	3090	198.038	14.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	4.113e3		0.107	1833.619	6.55	6.31	4110	20.911	17.9		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.002e3		0.107	57.460	6.23	6.23	3000	487.079	35.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		3.566e3	0.107		6.38						
68	1...	TDCA	498.3>106.9			0.107		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		
70	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		
71	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.566e3		0.107	67.369	6.38	6.38	3570	493.489	35.5		

RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	3.657e3		0.107	323.537	4.88	4.56	3660	105.368	90.4		

RK 6/30/2020

Vista Analytical Laboratory L26

Review: AMR 7/1/2020

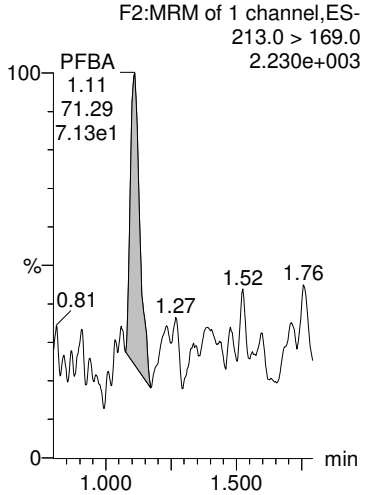
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 26 Jun 2020 18:52:56
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

PFBA



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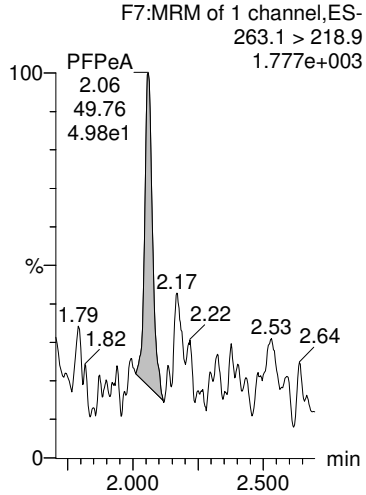

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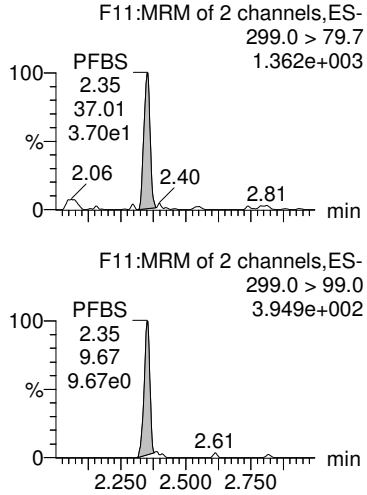

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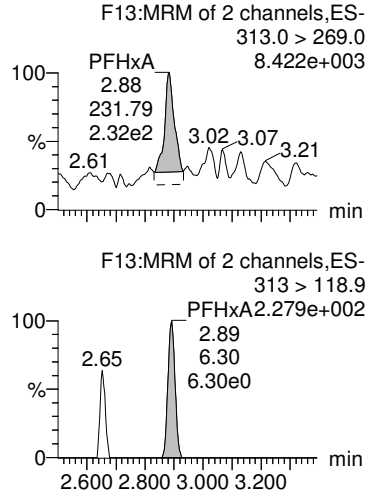

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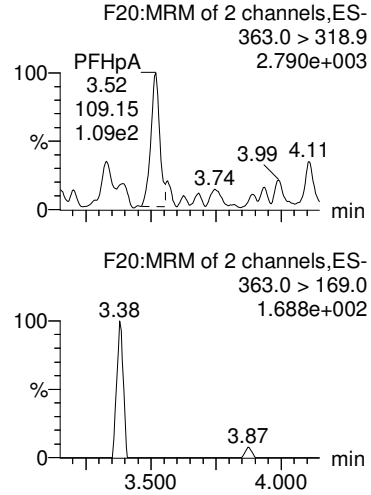

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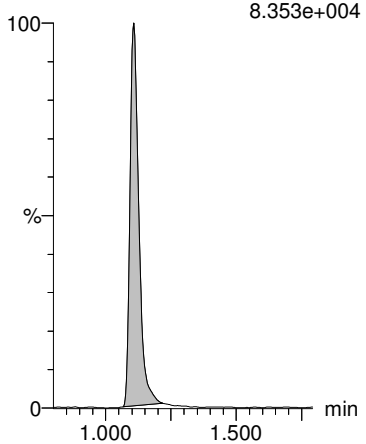

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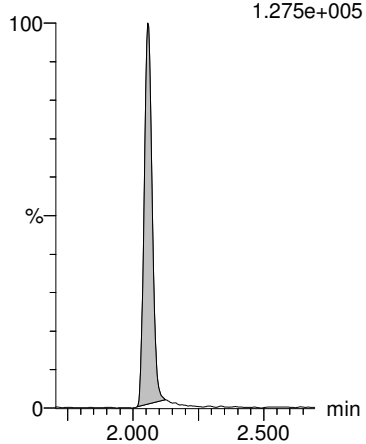

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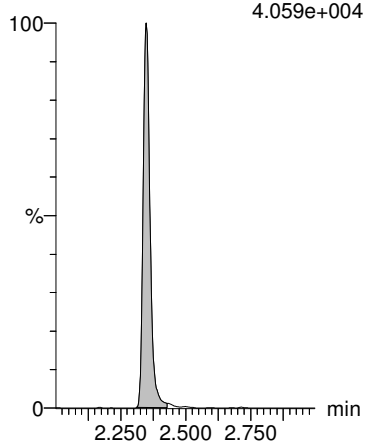

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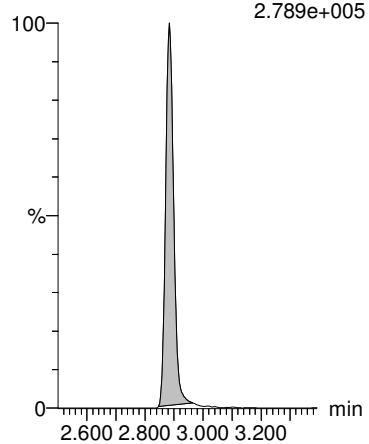

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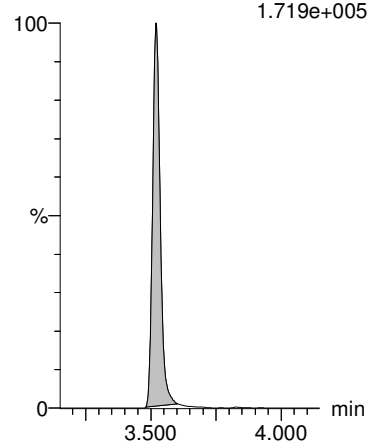


RK 6/30/2020

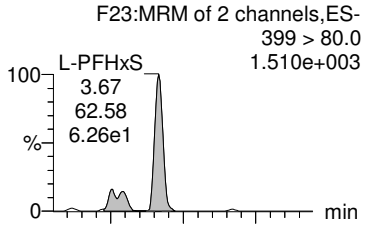
Review: AMR 7/1/2020

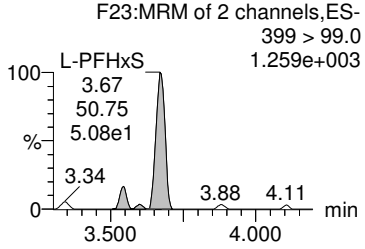
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

L-PFHxS





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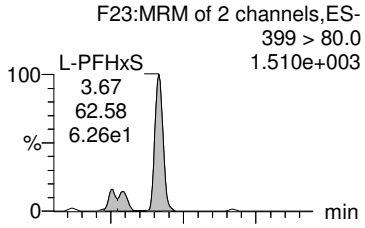
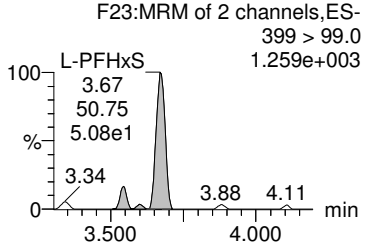
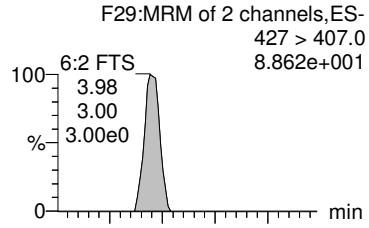
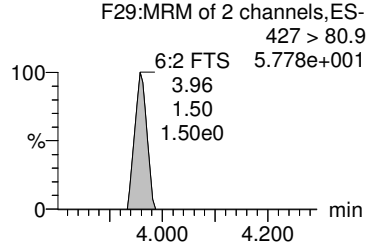


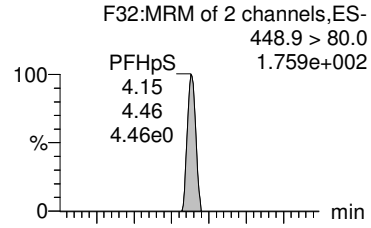


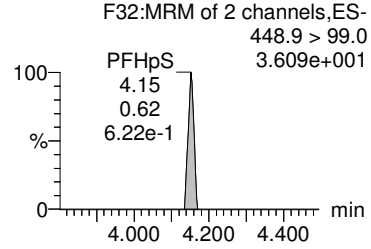
6:2 FTS



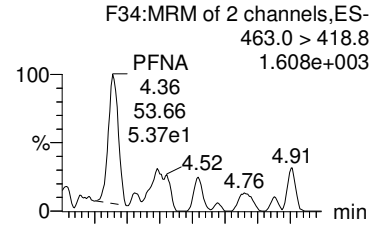


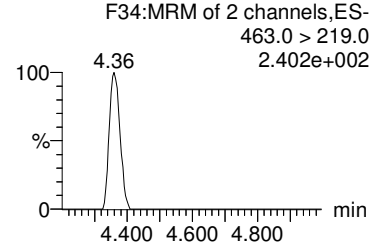
PFHpS



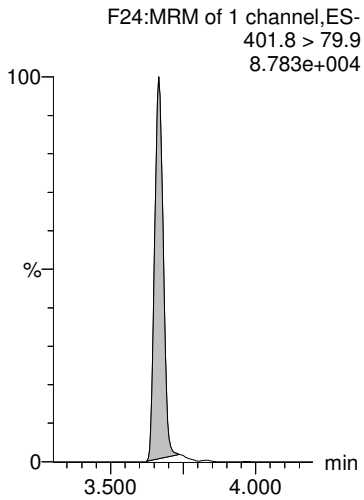


PFNA

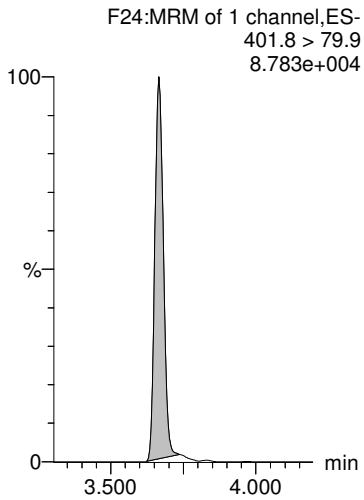




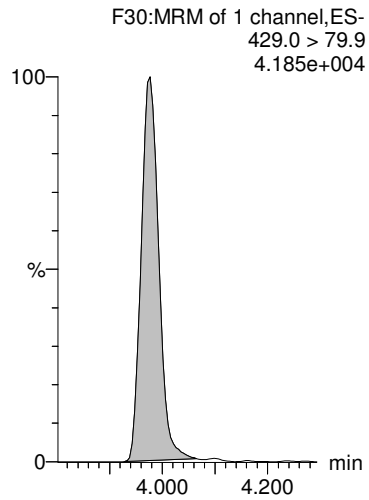
13C3-PFHxS-EIS



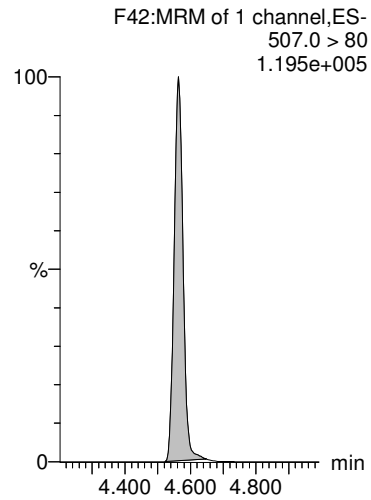
13C3-PFHxS-EIS



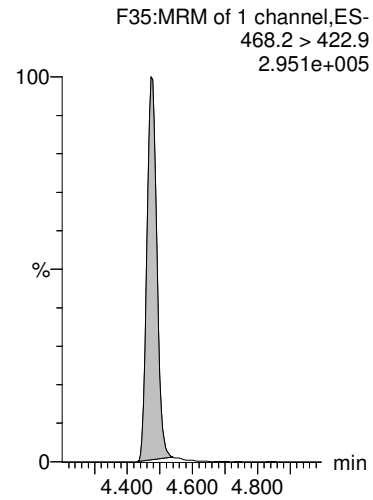
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



RK 6/30/2020

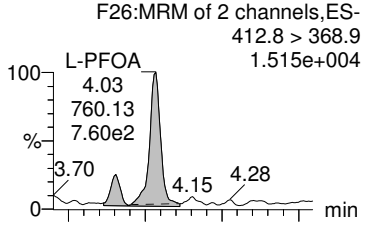
Review: AMR 7/1/2020

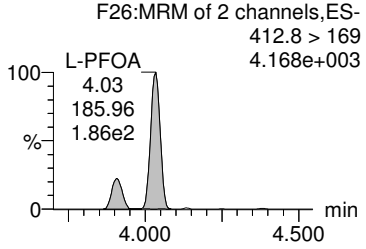
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

L-PFOA





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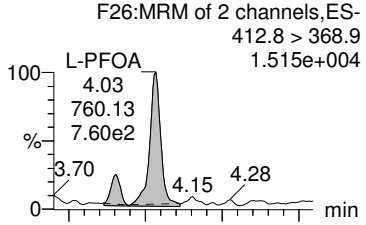
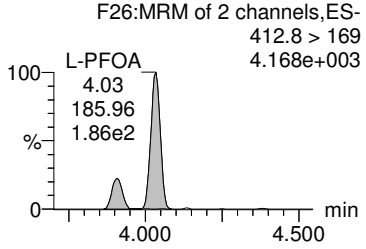
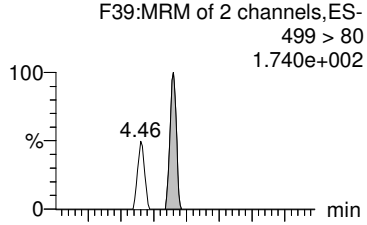
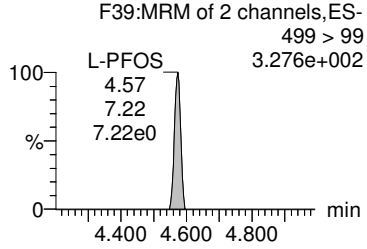




L-PFOS





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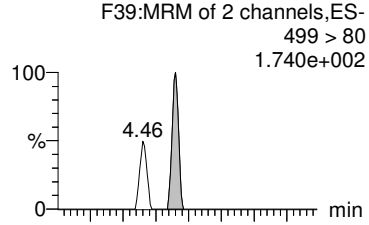

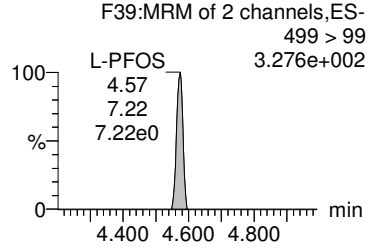

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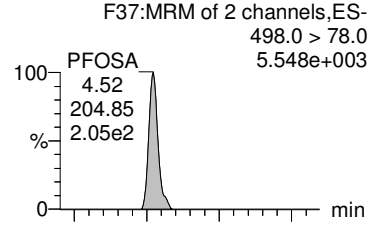

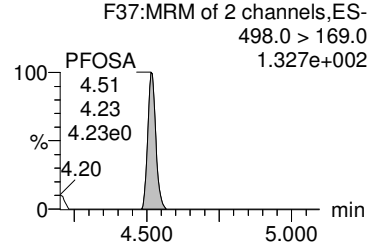

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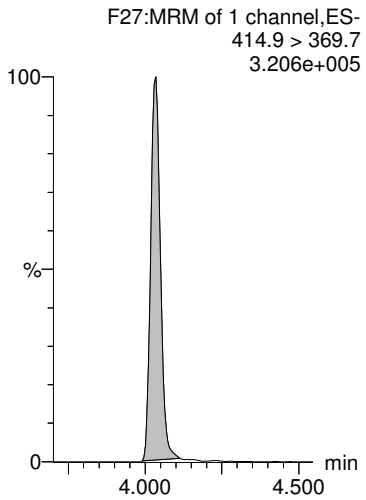

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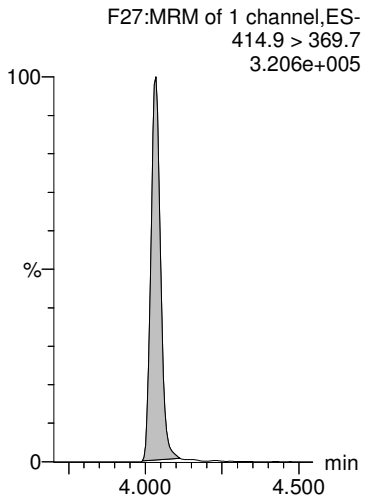

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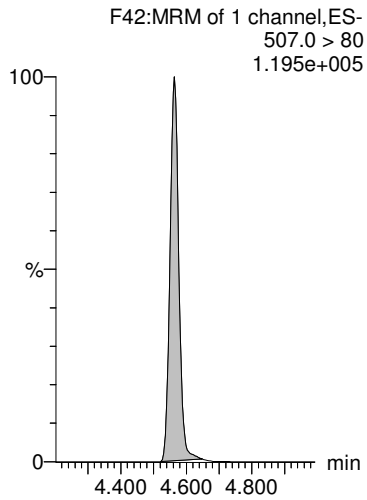

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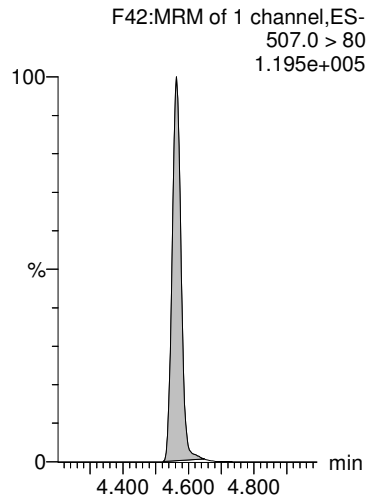

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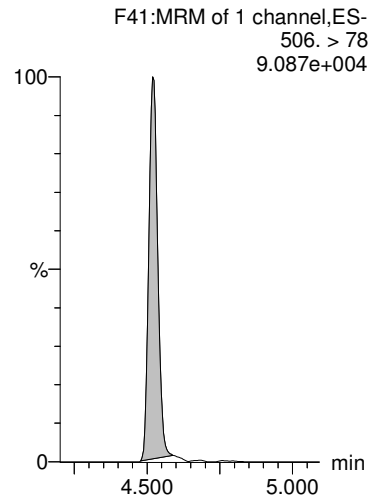


RK 6/30/2020

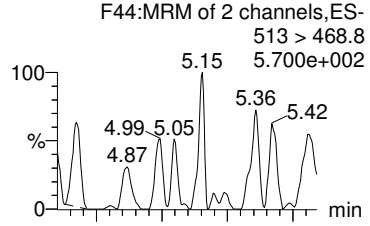
Review: AMR 7/1/2020

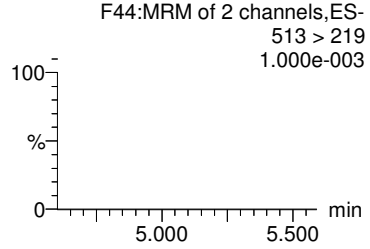
Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

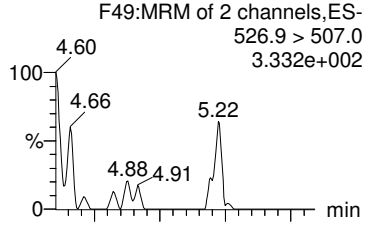
Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

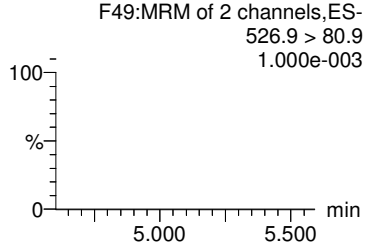
PFDA



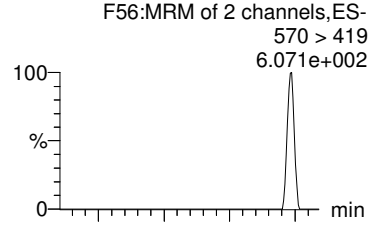


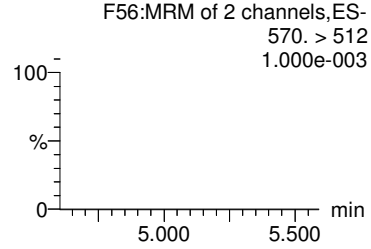
8:2 FTS





L-MeFOSAA





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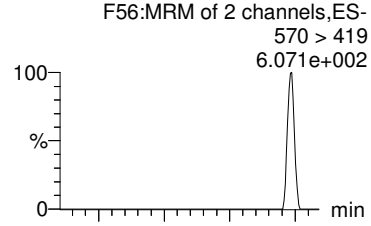
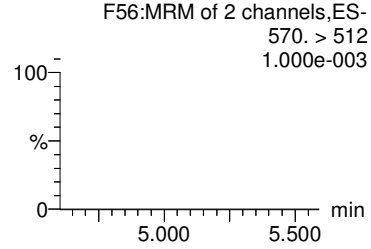
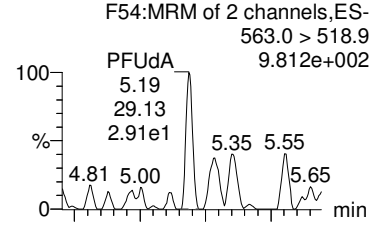
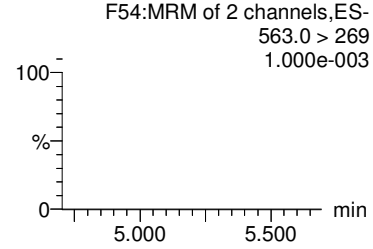




PFUdA





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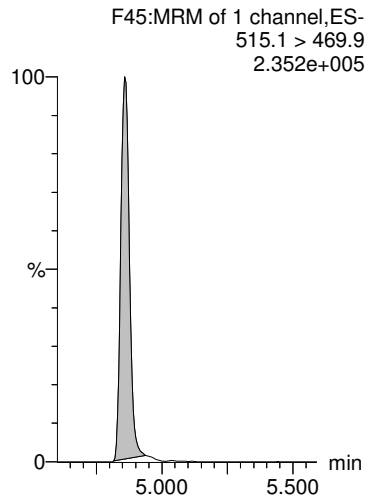
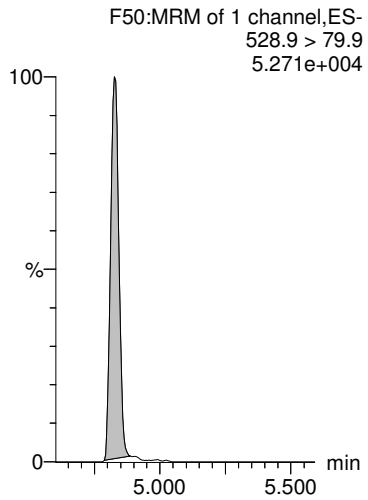
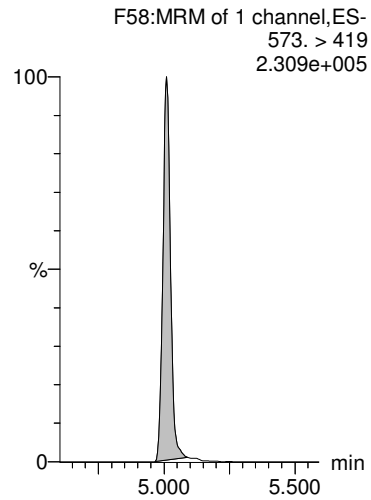


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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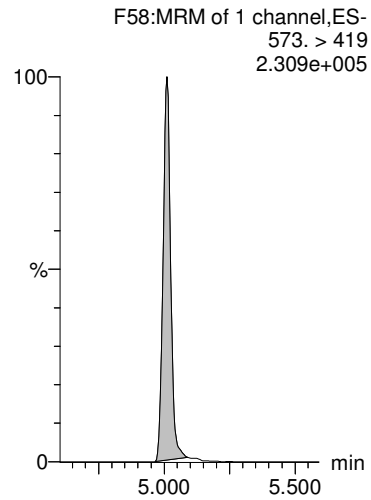

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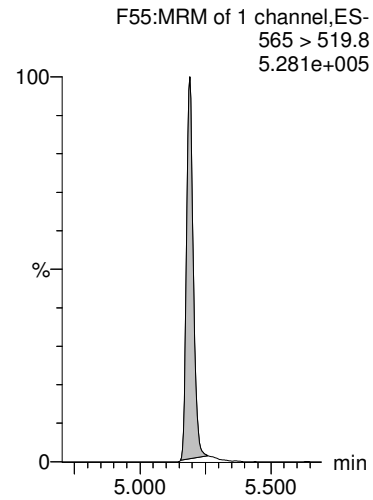

RK 6/30/2020

Review: AMR 7/1/2020

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Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
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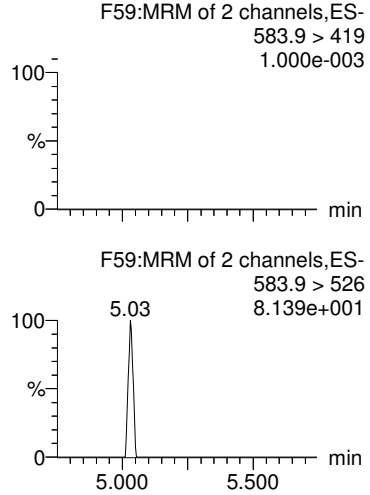
Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

L-EtFOSAA



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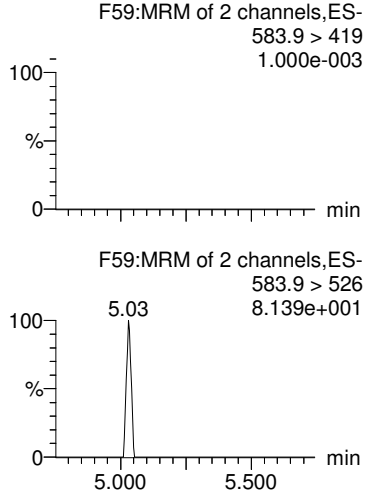

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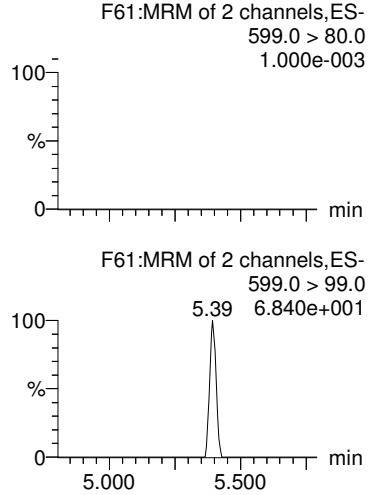
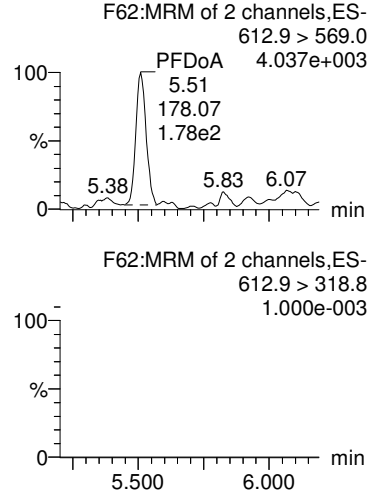


PFDoA



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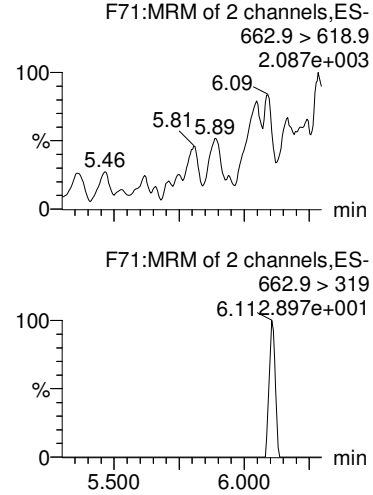

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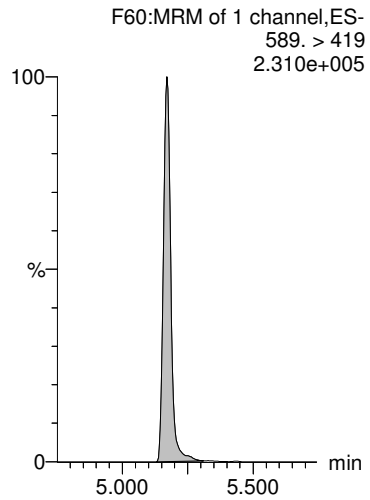

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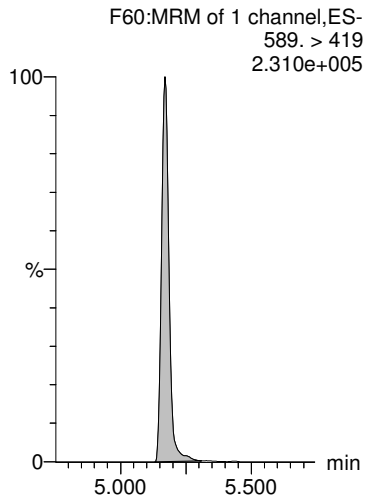
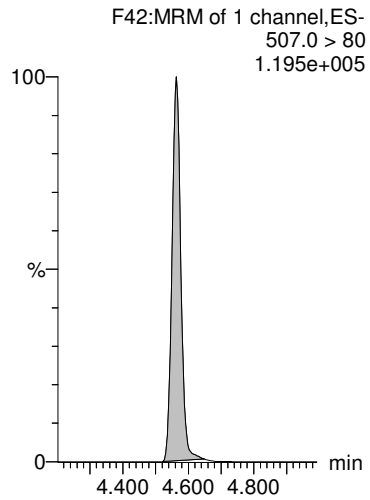
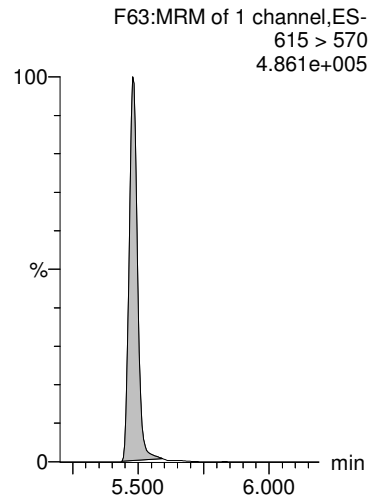


13C8-PFOS-EIS



13C2-PFDoA-EIS



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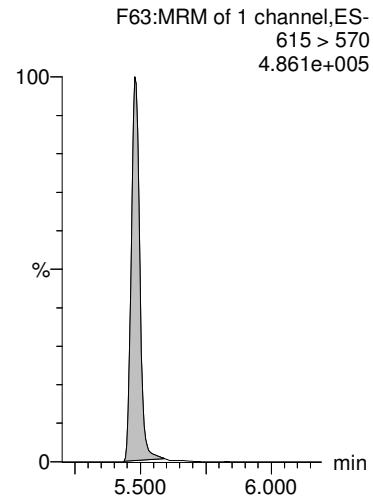

RK 6/30/2020

Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
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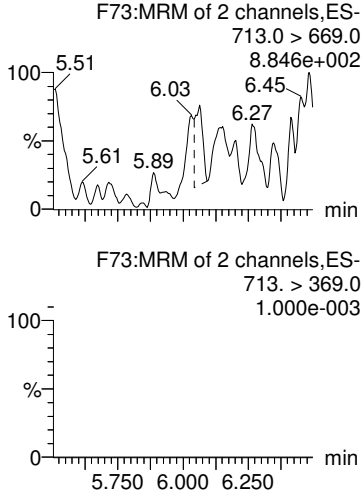
Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

PFTeDA



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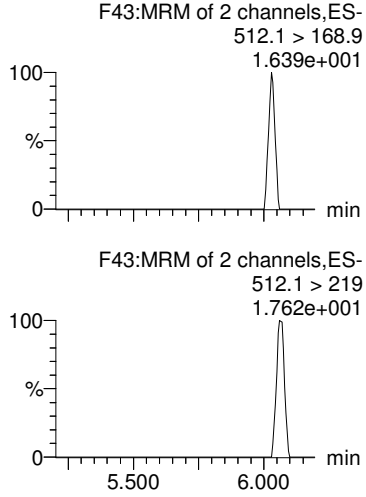

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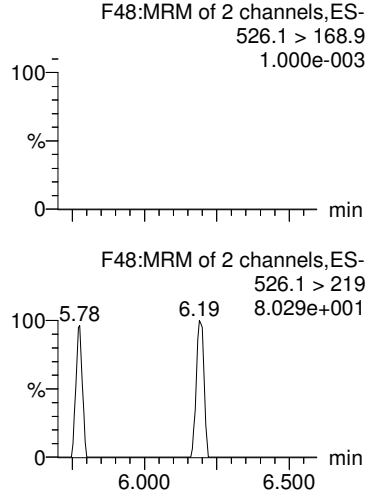

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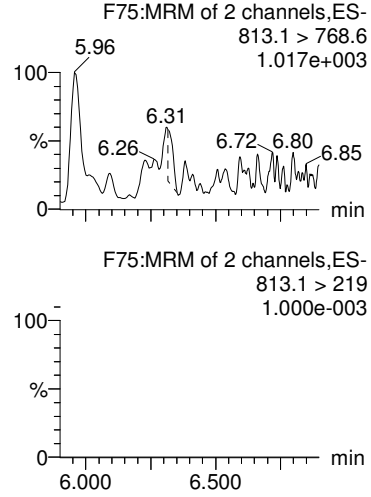
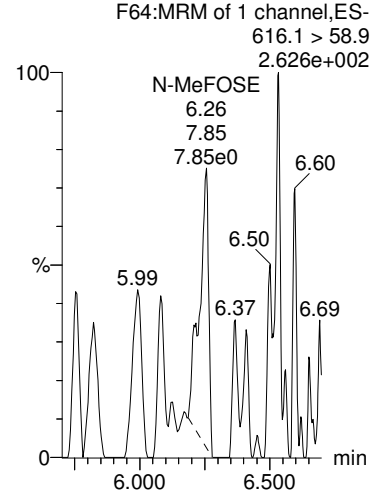
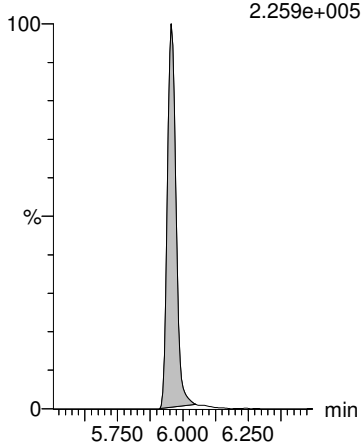


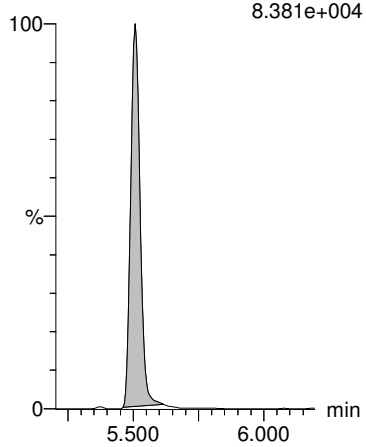
N-MeFOSE



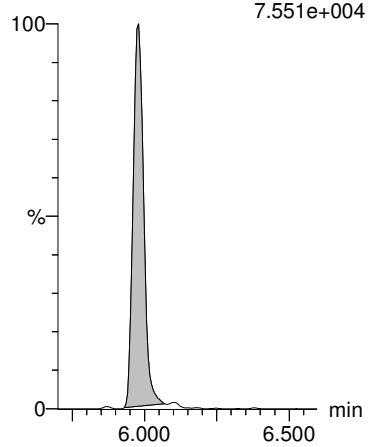
13C2-PFTeDA-EIS



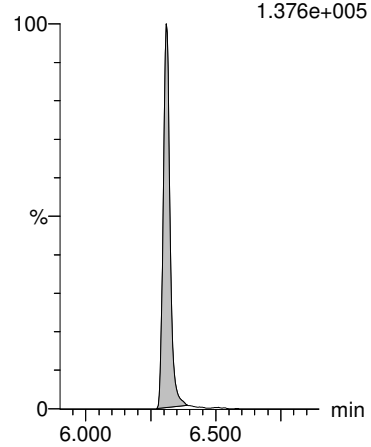
d3-N-MeFOSA-EIS



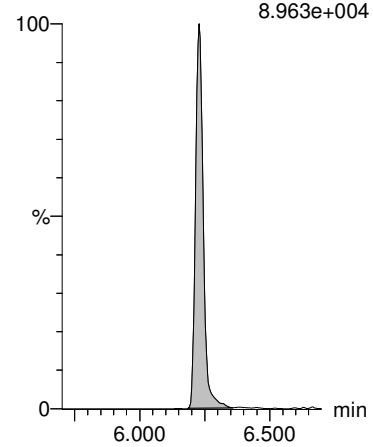
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



RK 6/30/2020

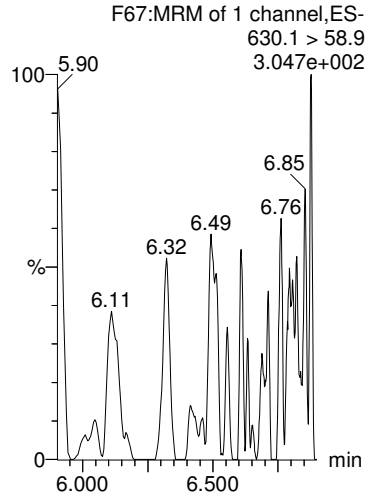
Review: AMR 7/1/2020

Dataset: M:\Projects\PFAS.PRO\Results\200623M1\200623M1-62.qld

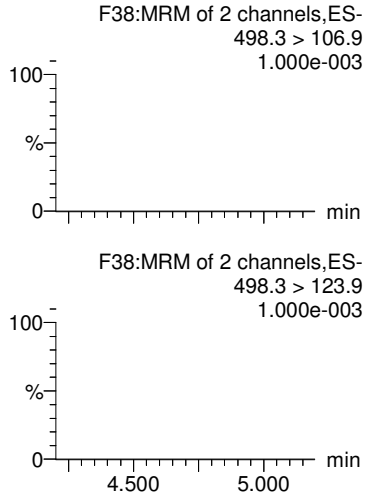
Last Altered: Tuesday, June 30, 2020 20:40:47 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 20:41:17 Pacific Daylight Time

Name: 200623M1_62, Date: 23-Jun-2020, Time: 22:53:57, ID: 2001272-11 GW-FPC-8B 0.10726, Description: GW-FPC-8B

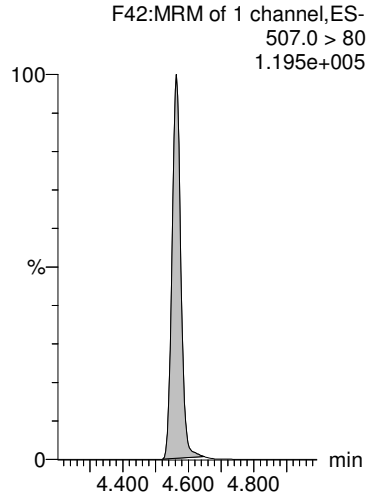
N-EtFOSE



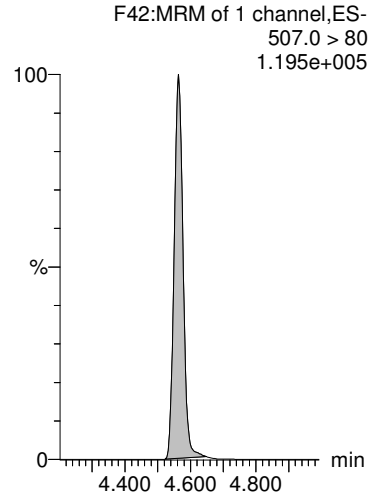
TDCA



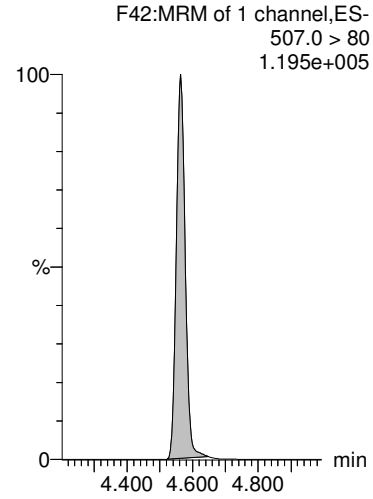
13C8-PFOS-EIS



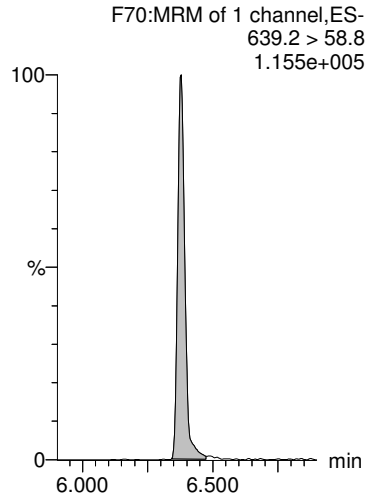
13C8-PFOS-EIS



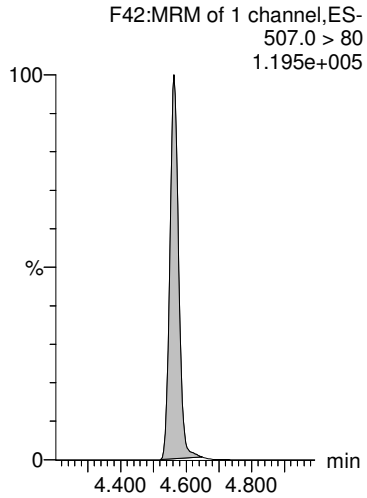
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



RK 6/30/2020

CONTINUING CALIBRATION

LC Calibration Standards Review Checklist Q4

			ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	N/A
Calibration ID:	ST200623M1-11	L (M) H	☐	☐ (A)	☐	☐	☐	☐	☐
Calibration ID:	-12	L (M) H	☐	☐ (B)	☐	☐	☐	☐	☐
Calibration ID:	-13	L (M) H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-14	L (M) H	☐	☐ (C)	☐	☐	☐	☐	☐
Calibration ID:	-15	L (M) H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-16	L (M) H	☐	☐ (C)	☐	☐	☐	☐	☐
Calibration ID:	-17	L (M) H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐

JR 06/24/2020

Full Mass Cal. Date: 200622

Run Log Present: ☑

# of Samples per Sequence Checked: ☑

Instrument Blank Saved ☑

All Branches in Acquisition Window ☑

IIS Area Saved ☐ N/A

Reviewed By: JR 06/24/2020
Initials/Date

Comments:

(A) 3:3 FTCA, 5:3 FTCA, 7:3 FTCA >130%.
(B) 3:3 FTCA >130%.
(C) 7:3 FTCA >130%.

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

JM 6/24/2020

(A) Above criteria

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	3266.671	2808.097	1.00	1.11	14.541	10.000	9.60	96.0	NO		
2	2	PFPrS	248.9 > 79.9	1516.597	1542.670	1.00	1.44	12.289	10.000	8.22	82.2	NO	2.325	NO
3	3	3:3 FTCA	241.1 > 177.0	334.299	5682.343	1.00	1.92	0.735	10.000	13.8	138.3 (A)	YES	2.182	NO
4	4	PFPeA	263.1 > 218.9	4201.729	5682.343	1.00	2.05	9.243	10.000	9.94	99.4	NO		
5	5	PFBS	299.0 > 79.7	2593.607	1542.670	1.00	2.35	21.016	10.000	10.3	103.0	NO	2.941	NO
6	6	4:2 FTS	327.0 > 306.9	4826.865	2674.958	1.00	2.80	22.556	10.000	8.74	87.4	NO	1.723	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2808.097		1.00	1.11	2808.097	12.500	13.3	106.2	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1542.670		1.00	2.34	1542.670	12.500	12.9	103.6	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5682.343		1.00	2.05	5682.343	12.500	13.2	105.6	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5682.343		1.00	2.05	5682.343	12.500	13.2	105.6	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1542.670		1.00	2.34	1542.670	12.500	12.9	103.6	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2674.958		1.00	2.80	2674.958	12.500	12.8	102.4	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9481.927	10139.983	1.00	2.88	11.689	10.000	10.3	103.2	NO	17.914	NO
15	8	PFPeS	349.0 > 80.0	2806.139	1542.670	1.00	3.09	22.738	10.000	9.74	97.4	NO	1.728	NO
16	9	HFPO-DA	285.1 > 168.9	571.657	793.191	1.00	3.11	9.009	10.000	9.29	92.9	NO	2.255	NO
17	10	5:3 FTCA	340.9 > 236.9	1832.076	6504.188	1.00	3.45	3.521	10.000	13.5	135.4 (A)	YES	1.515	NO
18	11	PFHpA	363.0 > 318.9	6461.350	6504.188	1.00	3.51	12.418	10.000	10.1	100.8	NO	9.143	NO
19	12	ADONA	376.8 > 250.9	25657.424	6504.188	1.00	3.62	49.309	10.000	10.2	101.6	NO	3.451	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10139.983		1.00	2.88	10139.983	12.500	12.5	100.1	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1542.670		1.00	2.34	1542.670	12.500	12.9	103.6	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	793.191		1.00	3.11	793.191	12.500	12.4	98.9	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	6504.188		1.00	3.51	6504.188	12.500	12.1	96.6	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	6504.188		1.00	3.51	6504.188	12.500	12.1	96.6	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	6504.188		1.00	3.51	6504.188	12.500	12.1	96.6	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	3258.597	3869.597	1.00	3.66	10.526	10.000	11.3	113.3	NO	1.842	NO
28	15	6:2 FTS	427 > 407.0	5116.129	2062.605	1.00	3.97	31.005	10.000	10.7	106.7	NO	2.224	NO
29	16	L-PFOA	412.8 > 368.9	16693.219	13740.804	1.00	4.03	15.186	10.000	10.4	104.1	NO	3.745	NO
30	18	PFecHS	460.8 > 381.0	5232.304	13740.804	1.00	4.05	4.760	10.000	9.02	90.2	NO	0.879	NO
31	19	PFHpS	448.9 > 80.0	2937.202	4289.375	1.00	4.14	8.560	10.000	9.19	91.9	NO	1.823	NO
32	20	7:3 FTCA	441.0 > 337.0	3515.137	12478.570	1.00	4.46	3.521	10.000	14.2	142.0 (A)	YES	1.466	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3869.597		1.00	3.66	3869.597	12.500	13.0	104.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2062.605		1.00	3.97	2062.605	12.500	10.9	87.1	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13740.804		1.00	4.03	13740.804	12.500	13.1	104.5	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13740.804		1.00	4.03	13740.804	12.500	13.1	104.5	NO		

FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71 13C8-PFOS-EIS	507.0 > 80	4289.375		1.00	4.56	4289.375	12.500	13.3	106.1	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	12478.570		1.00	4.47	12478.570	12.500	12.2	97.5	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	12444.162	12478.570	1.00	4.47	12.466	10.000	9.93	99.3	NO	3.991	NO
41	22 PFOSA	498.0 > 78.0	4247.518	5582.451	1.00	4.52	9.511	10.000	10.0	100.0	NO	27.121	NO
42	23 L-PFOS	499 > 80	3625.830	4289.375	1.00	4.56	10.566	10.000	10.4	104.3	NO	2.100	NO
43	25 9Cl-PF30NS	531 > 351.0	12301.341	4289.375	1.00	4.79	35.848	10.000	9.28	92.8	NO	23.242	NO
44	26 PFDA	513 > 468.8	15357.515	13561.367	1.00	4.86	14.156	10.000	9.14	91.4	NO	5.445	NO
45	27 8:2 FTS	526.9 > 507.0	4419.636	2165.018	1.00	4.83	25.517	10.000	11.1	111.2	NO	1.515	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	12478.570		1.00	4.47	12478.570	12.500	12.2	97.5	NO		
47	67 13C8-PFOSA-EIS	506. > 78	5582.451		1.00	4.52	5582.451	12.500	17.0	136.4	NO		
48	71 13C8-PFOS-EIS	507.0 > 80	4289.375		1.00	4.56	4289.375	12.500	13.3	106.1	NO		
49	71 13C8-PFOS-EIS	507.0 > 80	4289.375		1.00	4.56	4289.375	12.500	13.3	106.1	NO		
50	73 13C2-PFDA-EIS	515.1 > 469.9	13561.367		1.00	4.86	13561.367	12.500	13.4	106.9	NO		
51	75 13C2-8:2 FTS-EIS	528.9 > 79.9	2165.018		1.00	4.83	2165.018	12.500	10.1	81.2	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3553.055	4289.375	1.00	4.92	10.354	10.000	9.38	93.8	NO	1.664	NO
54	29 L-MeFOSAA	570 > 419	7497.405	10658.669	1.00	5.01	8.793	10.000	9.03	90.3	NO	2.560	NO
55	31 L-EtFOSAA	583.9 > 419	7329.645	9630.099	1.00	5.17	9.514	10.000	9.39	93.9	NO	1.344	NO
56	33 PFUdA	563.0 > 518.9	16095.959	21753.596	1.00	5.19	9.249	10.000	10.4	104.3	NO	8.530	NO
57	34 PFDS	599.0 > 80.0	3013.635	4289.375	1.00	5.24	8.782	10.000	9.64	96.4	NO	1.442	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	12130.696	24826.197	1.00	5.41	6.108	10.000	10.4	104.2	NO	20.237	NO
59	71 13C8-PFOS-EIS	507.0 > 80	4289.375		1.00	4.56	4289.375	12.500	13.3	106.1	NO		
60	77 d3-N-MeFOSAA-EIS	573. > 419	10658.669		1.00	5.01	10658.669	12.500	11.1	88.9	NO		
61	81 d5-N-EtFOSAA-EIS	589. > 419	9630.099		1.00	5.17	9630.099	12.500	11.6	92.4	NO		
62	79 13C2-PFUdA-EIS	565 > 519.8	21753.596		1.00	5.19	21753.596	12.500	14.3	114.0	NO		
63	71 13C8-PFOS-EIS	507.0 > 80	4289.375		1.00	4.56	4289.375	12.500	13.3	106.1	NO		
64	83 13C2-PFDoA-EIS	615 > 570	24826.197		1.00	5.48	24826.197	12.500	12.8	102.6	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	5127.383	1964.359	1.00	5.46	32.628	10.000	12.0	119.8	NO	1.554	NO
67	37 PFDoA	612.9 > 569.0	19832.871	24826.197	1.00	5.48	9.986	10.000	10.2	101.7	NO	8.328	NO
68	38 N-MeFOSA	512.1 > 168.9	6183.396	17306.879	1.00	5.48	53.306	50.000	52.2	104.3	NO	1.467	NO
69	39 PFTrDA	662.9 > 618.9	18048.119	24826.197	1.00	5.74	9.087	10.000	9.95	99.5	NO	9.003	NO
70	40 PFDoS	698.9 > 80	3670.225	15428.104	1.00	5.76	2.974	10.000	9.69	96.9	NO	1.838	NO
71	41 PFTeDA	713.0 > 669.0	19568.732	15428.104	1.00	5.96	15.855	10.000	10.1	100.7	NO	14.179	NO
72	85 13C2-10:2 FTS-EIS	633 > 79.9	1964.359		1.00	5.46	1964.359	12.500	12.5	100.2	NO		

FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	615 > 570	24826.197		1.00	5.48	24826.197	12.500	12.8	102.6	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	17306.879		1.00	5.51	17306.879	149.200	194	129.7	NO		
75	83 13C2-PFDoA-EIS	615 > 570	24826.197		1.00	5.48	24826.197	12.500	12.8	102.6	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	15428.104		1.00	5.96	15428.104	12.500	12.5	100.4	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	15428.104		1.00	5.96	15428.104	12.500	12.5	100.4	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	6989.960	25402.715	1.00	5.96	41.055	50.000	46.6	93.2	NO	1.455	NO
80	43 PFHxDA	813.1 > 768.6	12334.746	23194.568	1.00	6.31	6.647	10.000	11.0	110.1	NO	23.281	NO
81	44 PFODA	913.1 > 868.8	17206.908	23194.568	1.00	6.55	9.273	10.000	9.32	93.2	NO		
82	45 N-MeFOSE	616.1 > 58.9	4128.759	12340.382	1.00	6.24	49.918	50.000	50.0	100.0	NO		
83	46 N-EtFOSE	630.1 > 58.9	5087.573	13355.395	1.00	6.39	56.836	50.000	54.2	108.3	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	2808.097	4305.292	1.00	1.11	8.153	12.500	12.6	100.5	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	25402.715		1.00	5.98	25402.715	149.200	175	117.2	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	23194.568		1.00	6.31	23194.568	12.500	12.6	101.2	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	23194.568		1.00	6.31	23194.568	12.500	12.6	101.2	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	12340.382		1.00	6.23	12340.382	149.200	215	143.9	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	13355.395		1.00	6.38	13355.395	149.200	198	132.9	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	5660.856	12750.007	1.00	2.05	5.550	12.500	12.3	98.2	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1542.670	2106.004	1.00	2.34	9.156	12.500	12.0	95.7	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	793.191	12750.007	1.00	3.11	0.778	12.500	11.9	95.1	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	2674.958	2106.004	1.00	2.80	15.877	12.500	13.0	103.9	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	10139.983	12750.007	1.00	2.88	9.941	12.500	11.7	94.0	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	6507.686	12750.007	1.00	3.51	6.380	12.500	11.8	94.3	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3869.597	2106.004	1.00	3.66	22.968	12.500	12.6	100.5	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	2062.605	4455.962	1.00	3.97	5.786	12.500	11.2	89.4	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	12478.570	13974.205	1.00	4.47	11.162	12.500	12.2	97.9	NO		
100	68 13C8-PFOSA-RSD	506. > 78	5582.451	24618.664	1.00	4.52	2.834	12.500	16.0	128.4	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	13726.806	21402.918	1.00	4.03	8.017	12.500	12.4	98.9	NO		
102	72 13C8-PFOS-RSD	507.0 > 80	4289.375	4455.962	1.00	4.56	12.033	12.500	12.5	99.7	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	13561.367	18748.006	1.00	4.86	9.042	12.500	12.7	101.5	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	528.9 > 79.9	2165.018	4455.962	1.00	4.83	6.073	12.500	10.1	81.0	NO		
106	78 d3-N-MeFOSAA-RSD	573. > 419	10651.927	24618.664	1.00	5.01	5.408	12.500	11.0	88.2	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	21773.580	24618.664	1.00	5.19	11.055	12.500	13.1	104.7	NO		
108	82 d5-N-EtFOSAA-RSD	589. > 419	9623.760	24618.664	1.00	5.17	4.886	12.500	11.2	89.7	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84 13C2-PFDoA-RSD	615 > 570	24826.197	18748.006	1.00	5.48	16.553	12.500	12.9	102.9	NO		
110	86 13C2-10:2 FTS-RSD	633 > 79.9	1964.359	4455.962	1.00	5.46	5.510	12.500	12.2	97.4	NO		
111	88 d3-N-MeFOSA-RSD	515.2 > 168.9	17306.879	24618.664	1.00	5.51	8.787	149.200	177	118.9	NO		
112	90 13C2-PFTeDA-RSD	715.1 > 669.7	15428.104	24618.664	1.00	5.96	7.834	12.500	12.7	101.5	NO		
113	92 d5-N-ETFOSA-RSD	531.1 > 168.9	25402.715	24618.664	1.00	5.98	12.898	149.200	165	110.9	NO		
114	94 13C2-PFHxDA-RSD	815 > 769.7	23194.568	24618.664	1.00	6.31	11.777	12.500	12.1	96.8	NO		
115	96 d7-N-MeFOSE-RSD	623.1 > 58.9	12340.382	24618.664	1.00	6.23	6.266	149.200	193	129.6	NO		
116	98 d9-N-EtFOSE-RSD	639.2 > 58.8	13355.395	24618.664	1.00	6.38	6.781	149.200	186	124.8	NO		
117	-1												
118	99 13C4-PFBA	217.0 > 172.0	4305.292	4305.292	1.00	1.12	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	12750.007	12750.007	1.00	2.88	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	21402.918	21402.918	1.00	4.03	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	2106.004	2106.004	1.00	3.66	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	13974.205	13974.205	1.00	4.47	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	4455.962	4455.962	1.00	4.56	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	18748.006	18748.006	1.00	4.86	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	24618.664	24618.664	1.00	5.19	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

Last Altered: Wednesday, June 24, 2020 13:31:39 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200623M1_1	Tester	23-Jun-20	12:03:27
2	2 200623M1_2	IPA	23-Jun-20	12:13:53
3	3 200623M1_3	IPA	23-Jun-20	12:24:18
4	4 200623M1_4	ST200623M1-1 PFC CS-2 20F1901	23-Jun-20	12:34:44
5	5 200623M1_5	ST200623M1-2 PFC CS-1 20F1902	23-Jun-20	12:45:06
6	6 200623M1_6	ST200623M1-3 PFC CS0 20F1903	23-Jun-20	12:55:28
7	7 200623M1_7	ST200623M1-4 PFC CS1 20F1904	23-Jun-20	13:05:51
8	8 200623M1_8	ST200623M1-5 PFC CS2 20F1905	23-Jun-20	13:16:13
9	9 200623M1_9	ST200623M1-6 PFC CS3 20F1906	23-Jun-20	13:26:35
10	10 200623M1_10	ST200623M1-7 PFC CS4 20F1907	23-Jun-20	13:36:57
11	11 200623M1_11	ST200623M1-8 PFC CS5 20F1908	23-Jun-20	13:47:22
12	12 200623M1_12	ST200623M1-9 PFC CS6 20F1909	23-Jun-20	13:57:46
13	13 200623M1_13	ST200623M1-10 PFC CS7 20F1910	23-Jun-20	14:08:11
14	14 200623M1_14	IB	23-Jun-20	14:18:36
15	15 200623M1_15	ICV200623M1-1 PFC ICV 20F1911	23-Jun-20	14:28:58
16	16 200623M1_16	IB	23-Jun-20	14:39:20
17	17 200623M1_17	2001183-05@10X MW-7 0.24792	23-Jun-20	14:54:58
18	18 200623M1_18	2001253-03@5X A4-MW4D-R1 0.25513	23-Jun-20	15:05:19
19	19 200623M1_19	2001245-14@5X NASB-CB-637-0620 0.11601	23-Jun-20	15:24:19
20	20 200623M1_20	2001245-16 NASB-CB-633-0620 0.10937	23-Jun-20	15:34:44
21	21 200623M1_21	B0F0068-MS1@5X Matrix Spike 0.24659	23-Jun-20	15:45:09
22	22 200623M1_22	B0F0068-MSD1@5X Matrix Spike Dup 0.24517	23-Jun-20	15:55:34
23	23 200623M1_23	2001221-08@5X WM 0.24614	23-Jun-20	16:05:59
24	24 200623M1_24	2001221-09@5X WM Dup 0.24874	23-Jun-20	16:16:21
25	25 200623M1_25	2001183-04@20X MW-3 0.24054	23-Jun-20	16:26:43
26	26 200623M1_26	B0F0160-BLK1 Method Blank 0.125	23-Jun-20	16:37:05
27	27 200623M1_27	B0F0160-BS1 OPR 0.125	23-Jun-20	16:47:27
28	28 200623M1_28	B0F0160-BSD1 LCSD 0.125	23-Jun-20	16:57:50
29	29 200623M1_29	2001284-01 MW-3PFAS 0.11436	23-Jun-20	17:08:12
30	30 200623M1_30	B0F0138-BLK1 Method Blank 0.25	23-Jun-20	17:18:34
31	31 200623M1_31	B0F0138-BS1 OPR 0.25	23-Jun-20	17:28:57
32	32 200623M1_32	2001257-07 EB-AOI3-SB-03-200609 0.25222	23-Jun-20	17:42:15

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200623M1_33	2001257-14 EB-AOI3-SW-02-200610 0.25675	23-Jun-20	17:52:40
34	34 200623M1_34	2001257-15 DUP-AOI3-SW-03-200610 0.2541	23-Jun-20	18:03:05
35	35 200623M1_35	2001257-09 AOI3SW20131-200610 0.24746	23-Jun-20	18:13:30
36	36 200623M1_36	IB	23-Jun-20	18:23:55
37	37 200623M1_37	ST200623M1-11 PFC CS3 20F1906	23-Jun-20	18:34:20
38	38 200623M1_38	IB	23-Jun-20	18:44:45
39	39 200623M1_39	2001257-10 AOI3SW20132-200610 0.24906	23-Jun-20	18:55:09
40	40 200623M1_40	2001257-11 AOI3SW20133-200610 0.24358	23-Jun-20	19:05:34
41	41 200623M1_41	2001257-12 AOI3SW20134-200610 0.2531	23-Jun-20	19:15:59
42	42 200623M1_42	2001257-13 AOI3SW20135-200610 0.24937	23-Jun-20	19:26:23
43	43 200623M1_43	B0F0146-BLK1 Method Blank 0.25	23-Jun-20	19:36:49
44	44 200623M1_44	B0F0146-BS1 OPR 0.25	23-Jun-20	19:47:11
45	45 200623M1_45	B0F0146-MS1 Matrix Spike 0.11285	23-Jun-20	19:57:33
46	46 200623M1_46	B0F0146-MS2 Matrix Spike 0.11173	23-Jun-20	20:07:55
47	47 200623M1_47	B0F0146-MSD1 Matrix Spike Dup 0.11043	23-Jun-20	20:18:17
48	48 200623M1_48	B0F0146-MSD2 Matrix Spike Dup 0.10742	23-Jun-20	20:28:40
49	49 200623M1_49	2001272-01 GW-MW-8 0.10622	23-Jun-20	20:39:02
50	50 200623M1_50	2001272-02 GW-AE-3A 0.10904	23-Jun-20	20:49:24
51	51 200623M1_51	2001272-03 GW-AE-3A-DUP 0.10904	23-Jun-20	20:59:50
52	52 200623M1_52	2001272-04 GW-FPC-7A 0.1112	23-Jun-20	21:10:15
53	53 200623M1_53	2001272-05 GW-FPC-7B 0.11777	23-Jun-20	21:20:37
54	54 200623M1_54	2001272-06 GW-AE-2A 0.10826	23-Jun-20	21:31:00
55	55 200623M1_55	IB	23-Jun-20	21:41:21
56	56 200623M1_56	ST200623M1-12 PFC CS3 20F1906	23-Jun-20	21:51:44
57	57 200623M1_57	IB	23-Jun-20	22:02:06
58	58 200623M1_58	2001272-07 GW-AE-2B 0.23727	23-Jun-20	22:12:28
59	59 200623M1_59	2001272-08 GW-GZ-105 0.10859	23-Jun-20	22:22:50
60	60 200623M1_60	2001272-09 GW-GZ-105-DUP 0.10609	23-Jun-20	22:33:13
61	61 200623M1_61	2001272-10 GW-FPC-8A 0.11201	23-Jun-20	22:43:35
62	62 200623M1_62	2001272-11 GW-FPC-8B 0.10726	23-Jun-20	22:53:57
63	63 200623M1_63	B0F0159-BLK1 Method Blank 0.25	23-Jun-20	23:04:19
64	64 200623M1_64	B0F0159-BS1 OPR 0.25	23-Jun-20	23:14:42
65	65 200623M1_65	B0F0159-MS1 Matrix Spike 0.24939	23-Jun-20	23:25:04
66	66 200623M1_66	B0F0159-MSD1 Matrix Spike Dup 0.24428	23-Jun-20	23:35:26
67	67 200623M1_67	2001280-01 GW2006090945MK 0.25543	23-Jun-20	23:45:48
68	68 200623M1_68	2001280-02 GW2006090945GSC 0.2548	23-Jun-20	23:56:11

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200623M1_69	2001280-03 FB2006091000MK 0.25298	24-Jun-20	00:06:33
70	70 200623M1_70	2001280-04 GW2006091025MK 0.25092	24-Jun-20	00:16:55
71	71 200623M1_71	2001280-05 GW2006091025MK-FD 0.25281	24-Jun-20	00:27:17
72	72 200623M1_72	2001280-06 GW2006091025GSC 0.25683	24-Jun-20	00:37:39
73	73 200623M1_73	IB	24-Jun-20	00:48:02
74	74 200623M1_74	ST200623M1-13 PFC CS3 20F1906	24-Jun-20	00:58:24
75	75 200623M1_75	IB	24-Jun-20	01:08:46
76	76 200623M1_76	2001280-07 GW2006091055GSC 0.25567	24-Jun-20	01:19:08
77	77 200623M1_77	2001280-08 GW2006091120MK 0.25349	24-Jun-20	01:29:30
78	78 200623M1_78	2001280-09 GW2006091120GSC 0.25863	24-Jun-20	01:39:53
79	79 200623M1_79	2001280-10 GW2006091145GSC 0.245	24-Jun-20	01:50:15
80	80 200623M1_80	2001280-11 GW2006091200MK 0.25229	24-Jun-20	02:00:37
81	81 200623M1_81	2001280-12 GW2006091245MK 0.24902	24-Jun-20	02:11:01
82	82 200623M1_82	2001280-13 GW2006091355GSC 0.24436	24-Jun-20	02:21:26
83	83 200623M1_83	2001280-14 GW2006091400MK 0.25243	24-Jun-20	02:31:51
84	84 200623M1_84	2001280-15 GW2006091425GSC 0.25029	24-Jun-20	02:42:16
85	85 200623M1_85	2001280-16 GW2006091435MK 0.26318	24-Jun-20	02:52:38
86	86 200623M1_86	IB	24-Jun-20	03:03:00
87	87 200623M1_87	ST200623M1-14 PFC CS3 20F1906	24-Jun-20	03:13:23
88	88 200623M1_88	IB	24-Jun-20	03:23:45
89	89 200623M1_89	2001280-17 GW2006091455GSC 0.25274	24-Jun-20	03:34:07
90	90 200623M1_90	2001280-18 GW2006091505MK 0.25926	24-Jun-20	03:44:30
91	91 200623M1_91	2001280-19 GW2006091545GSC 0.24802	24-Jun-20	03:54:52
92	92 200623M1_92	2001280-20 GW2006091555MK 0.2546	24-Jun-20	04:05:14
93	93 200623M1_93	B0F0164-BLK1 Method Blank 0.25	24-Jun-20	04:15:36
94	94 200623M1_94	B0F0164-BS1 OPR 0.25	24-Jun-20	04:25:58
95	95 200623M1_95	B0F0164-MS1 Matrix Spike 0.25438	24-Jun-20	04:36:21
96	96 200623M1_96	B0F0164-MSD1 Matrix Spike Dup 0.25885	24-Jun-20	04:46:43
97	97 200623M1_97	2001286-01 GW2006101325GSC 0.25041	24-Jun-20	04:57:05
98	98 200623M1_98	2001286-02 GW2006101405GSC 0.25248	24-Jun-20	05:07:28
99	99 200623M1_99	2001286-03 GW2006101420MK 0.24548	24-Jun-20	05:17:50
100	100 200623M1_100	2001286-04 GW2006101435GSC 0.24776	24-Jun-20	05:28:12
101	101 200623M1_101	2001286-05 GW2006101500GSC 0.25811	24-Jun-20	05:38:34
102	102 200623M1_102	2001286-06 GW2006101515MK 0.25305	24-Jun-20	05:48:57
103	103 200623M1_103	IB	24-Jun-20	05:59:19
104	104 200623M1_104	ST200623M1-15 PFC CS3 20F1906	24-Jun-20	06:09:41

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
105	105 200623M1_105	IB	24-Jun-20	06:20:03
106	106 200623M1_106	2001286-07 FB2006101530MK 0.2525	24-Jun-20	06:30:25
107	107 200623M1_107	2001286-08 GW2006101550GSC 0.24527	24-Jun-20	06:40:48
108	108 200623M1_108	2001286-09 GW2006101555MK 0.25275	24-Jun-20	06:51:10
109	109 200623M1_109	2001286-10 GW2006101555MK-FD 0.25459	24-Jun-20	07:01:32
110	110 200623M1_110	2001286-11 GW2006101635MK 0.24974	24-Jun-20	07:11:55
111	111 200623M1_111	2001286-12 GW2006101630GSC 0.24974	24-Jun-20	07:22:17
112	112 200623M1_112	2001286-13 GW2006101700GSC 0.25471	24-Jun-20	07:32:39
113	113 200623M1_113	2001286-14 GW2006101715MK 0.25789	24-Jun-20	07:43:01
114	114 200623M1_114	2001286-15 GW2006101730GSC 0.24825	24-Jun-20	07:53:24
115	115 200623M1_115	2001286-16 GW2006101800GSC 0.25116	24-Jun-20	08:03:48
116	116 200623M1_116	2001286-17 GW2006101810MK 0.24781	24-Jun-20	08:14:13
117	117 200623M1_117	IB	24-Jun-20	08:24:39
118	118 200623M1_118	ST200623M1-16 PFC CS3 20F1906	24-Jun-20	08:35:04
119	119 200623M1_119	IB	24-Jun-20	08:45:29
120	120 200623M1_120	2001286-18 GW2006101850MK 0.25562	24-Jun-20	08:55:53
121	121 200623M1_121	2001286-19 GW2006101920MK 0.24285	24-Jun-20	09:06:18
122	122 200623M1_122	2001191-08@5X V1 0.2349	24-Jun-20	09:16:42
123	123 200623M1_123	IB	24-Jun-20	09:27:07
124	124 200623M1_124	ST200623M1-17 PFC CS3 20F1906	24-Jun-20	09:37:32
125	125 200623M1_125	IB	24-Jun-20	09:47:57

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Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

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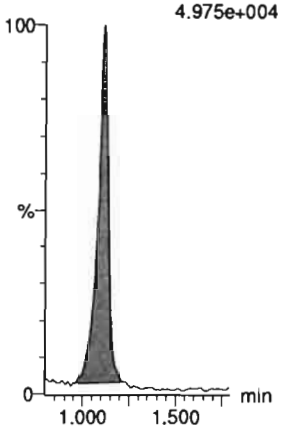
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

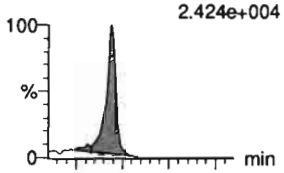
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

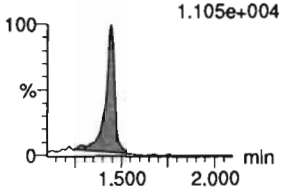
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
4.975e+004



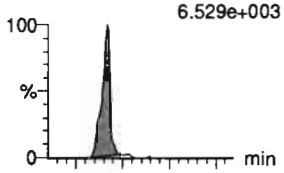
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.424e+004



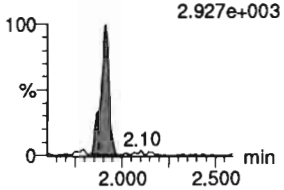
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.105e+004



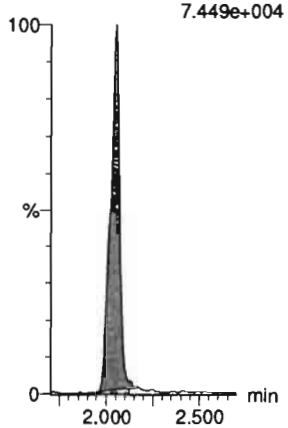
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
6.529e+003



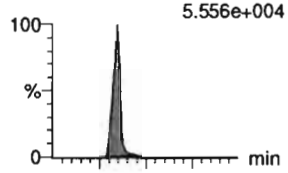
F5:MRM of 2 channels,ES-
241.1 > 117.0
2.927e+003



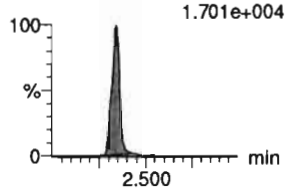
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
7.449e+004



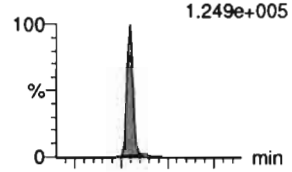
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
5.556e+004



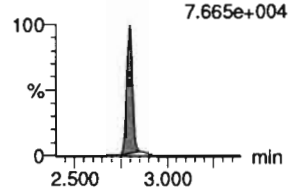
F11:MRM of 2 channels,ES-
299.0 > 99.0
1.701e+004



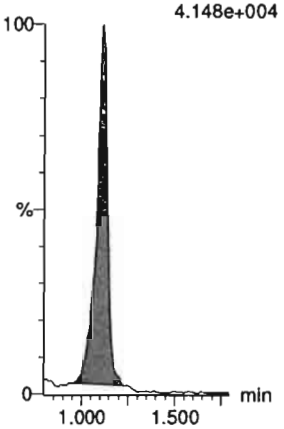
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.249e+005



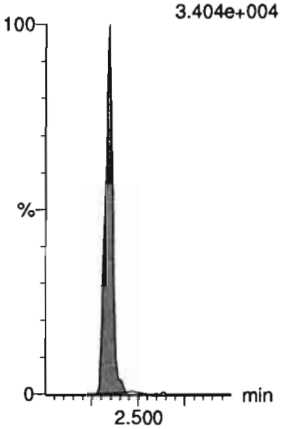
F16:MRM of 2 channels,ES-
327.0 > 80.9
7.665e+004



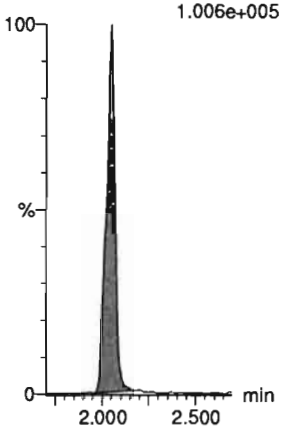
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
4.148e+004



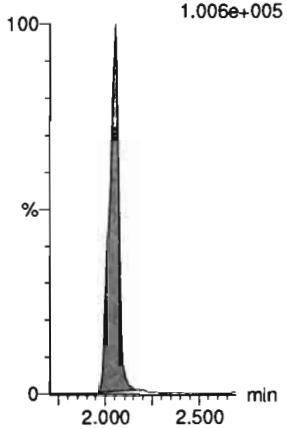
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.404e+004



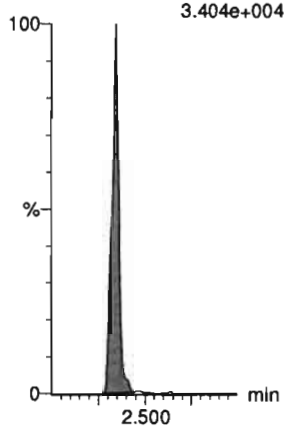
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.006e+005



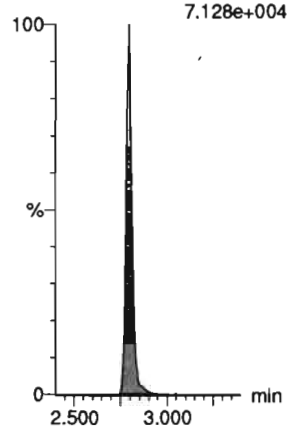
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.006e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.404e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.128e+004



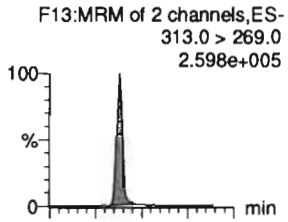
FBR 6/24/2020

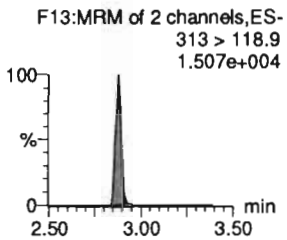
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

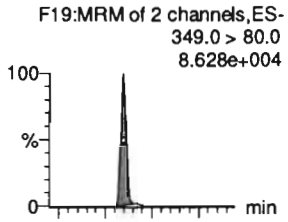
Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

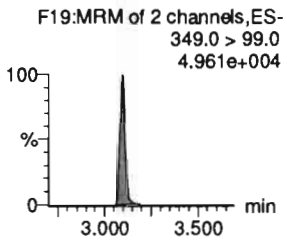
PFHxA



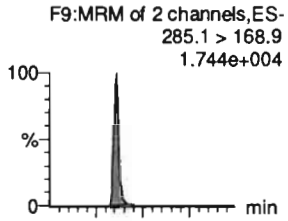


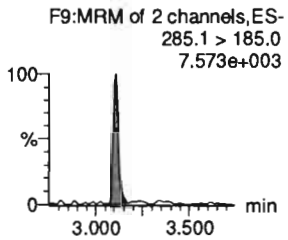
PFPeS



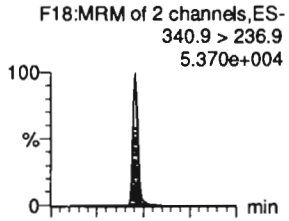


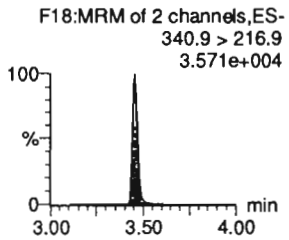
HFPO-DA



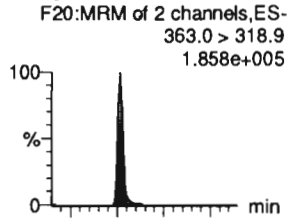


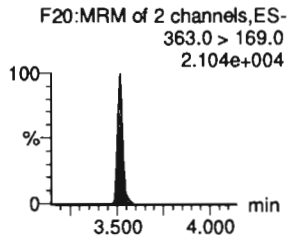
5:3 FTCA



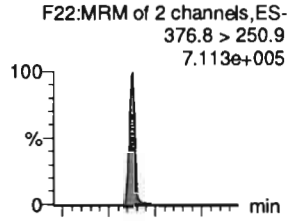


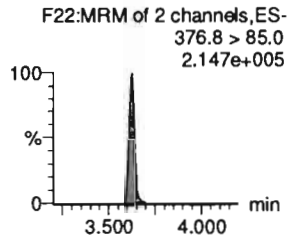
PFHpA



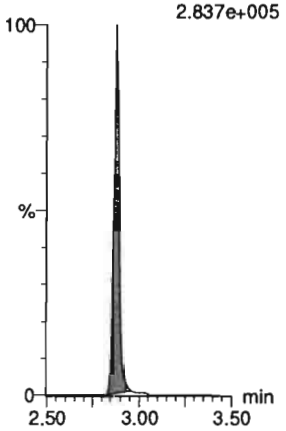


ADONA

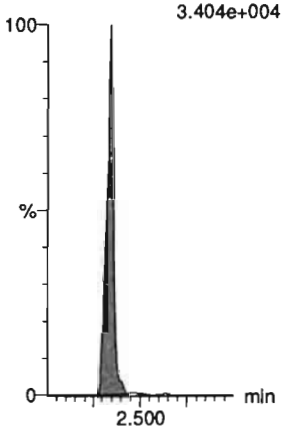




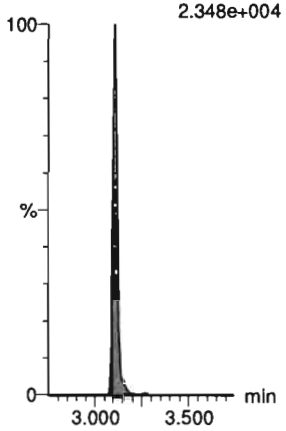
13C2-PFHxA-EIS



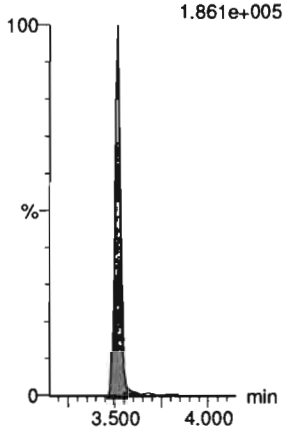
13C3-PFBS-EIS



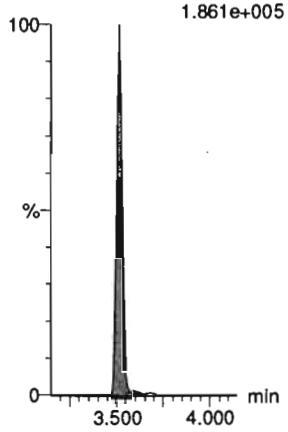
13C3-HFPO-DA-EIS



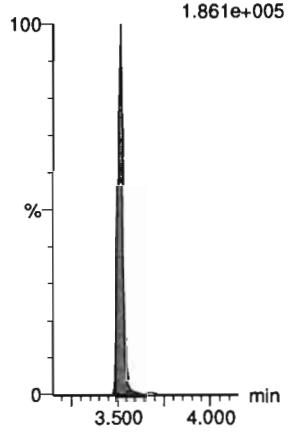
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



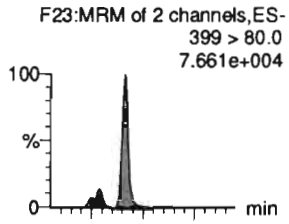
FBR 6/24/2020

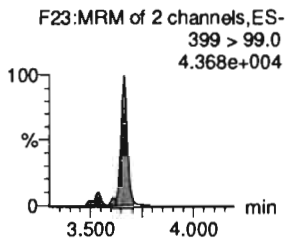
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

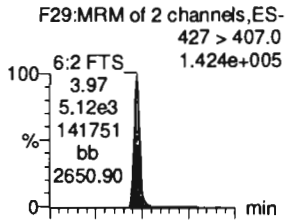
Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

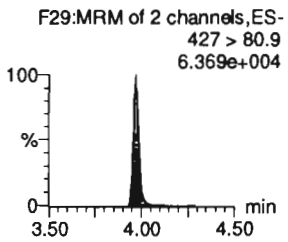
L-PFHxS



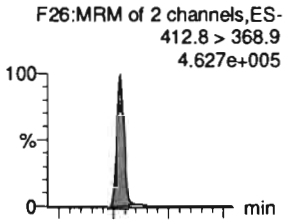


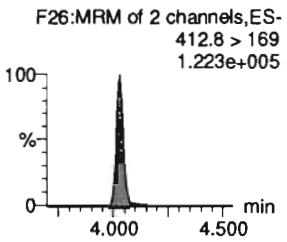
6:2 FTS



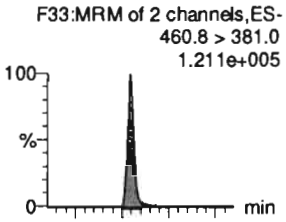


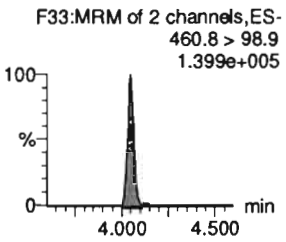
L-PFOA



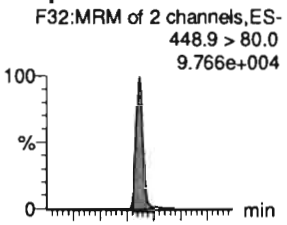


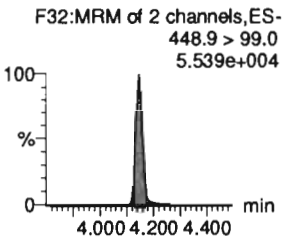
PFEChS



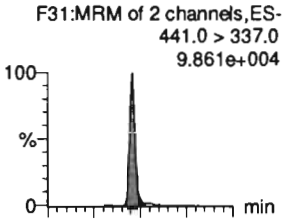


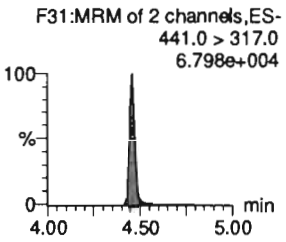
PFHpS



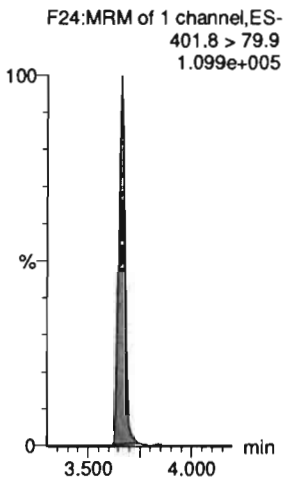


7:3 FTCA

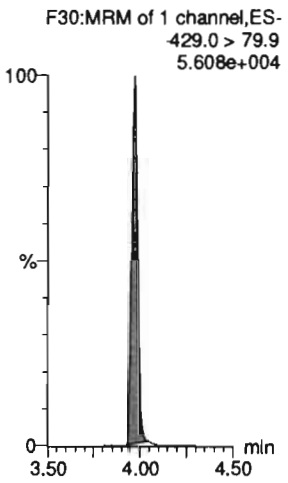




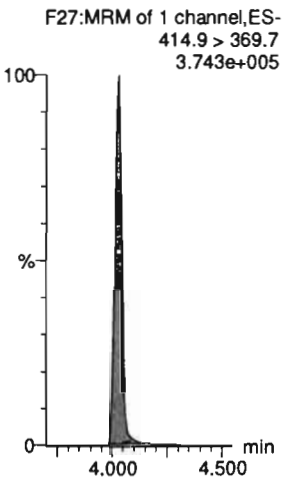
13C3-PFHxS-EIS



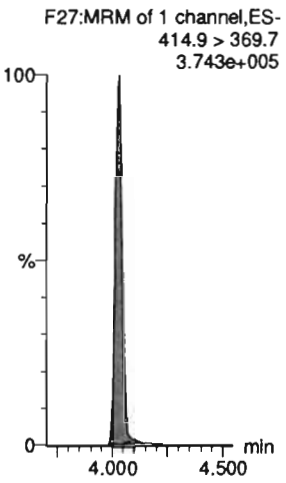
13C2-6:2 FTS-EIS



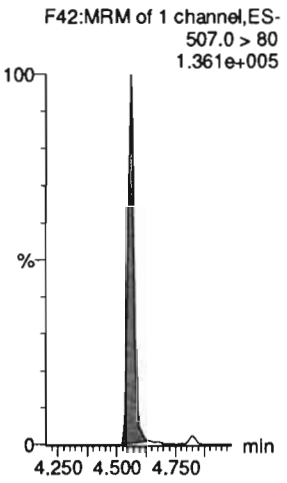
13C2-PFOA-EIS



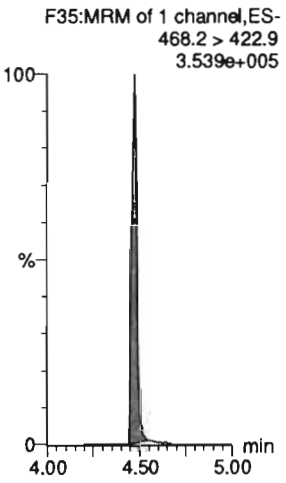
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



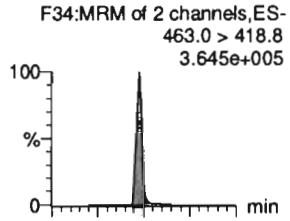
FBR 6/24/2020

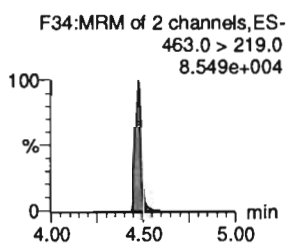
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNA





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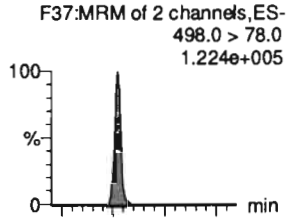
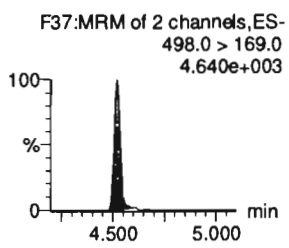
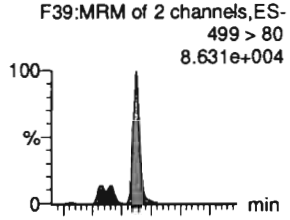
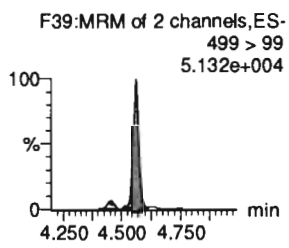


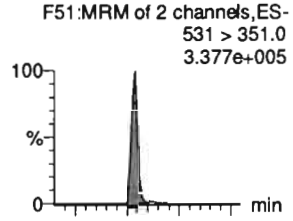


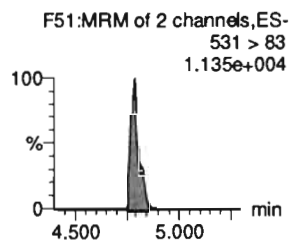
L-PFOS





9Cl-PF30NS





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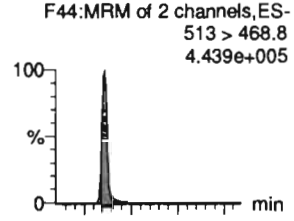
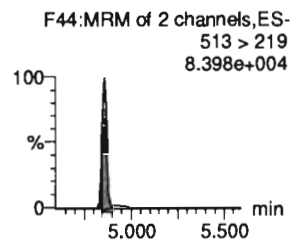
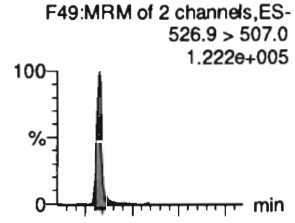
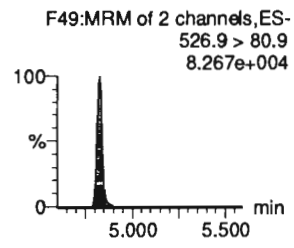


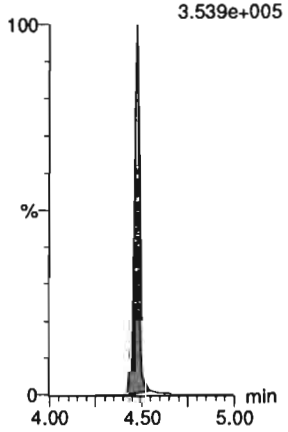


8:2 FTS

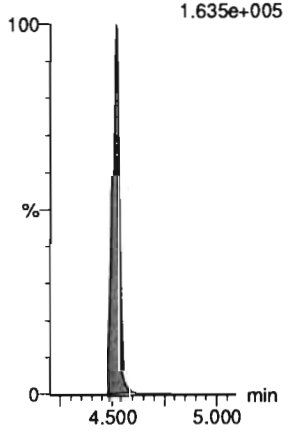




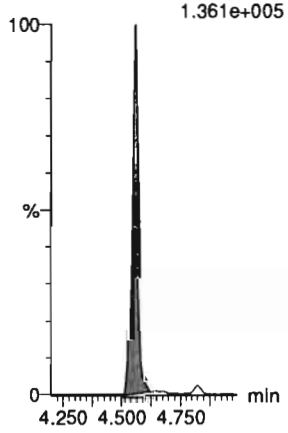
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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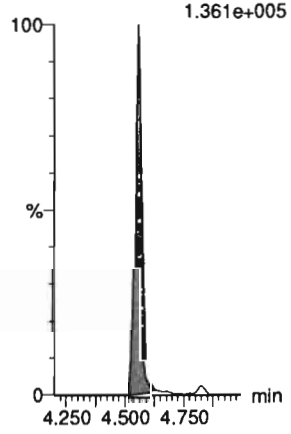

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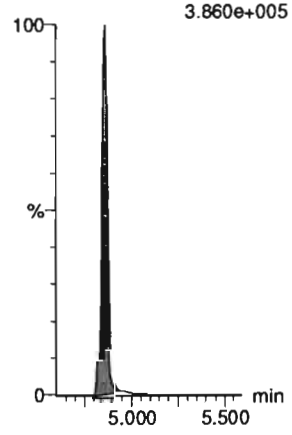
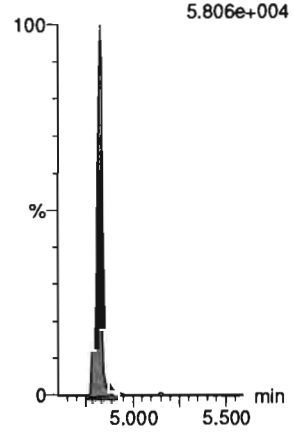


13C2-8:2 FTS-EIS



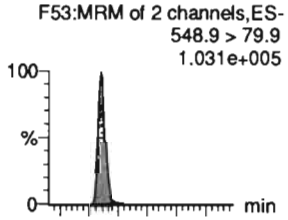
FBR 6/24/2020

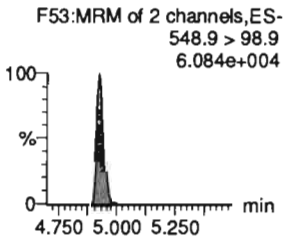
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

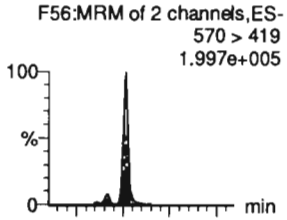
Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

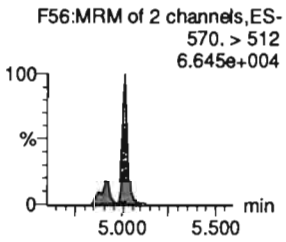
PFNS





L-MeFOSAA





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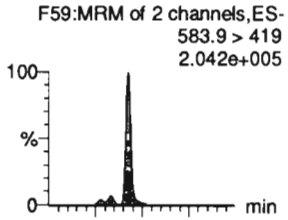

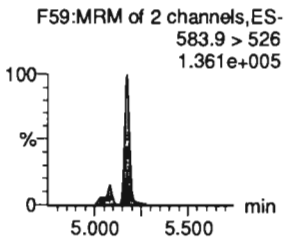

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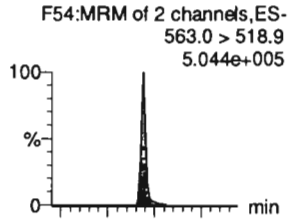

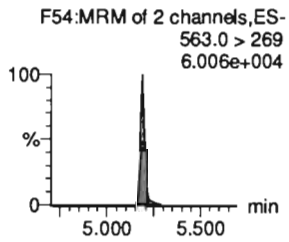

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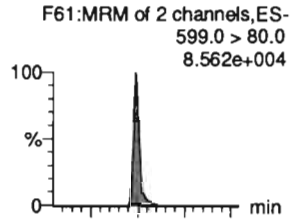
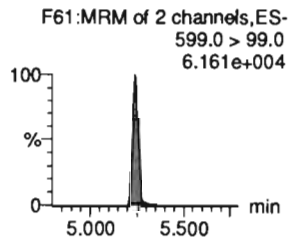
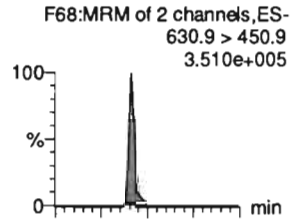
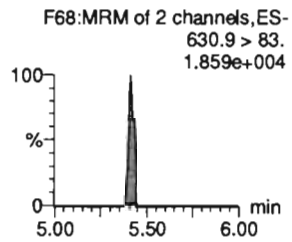


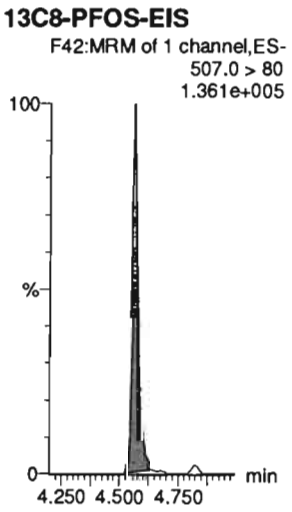


11Cl-PF30UdS

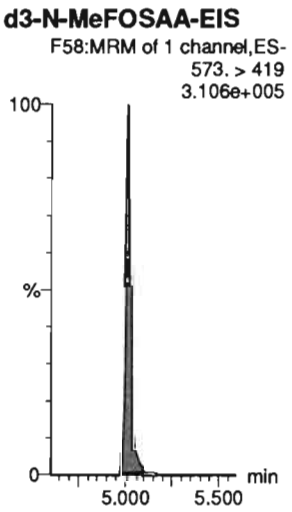




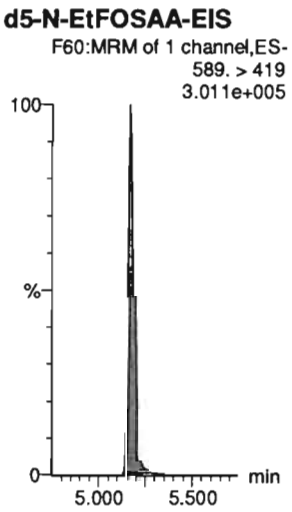
13C8-PFOS-EIS



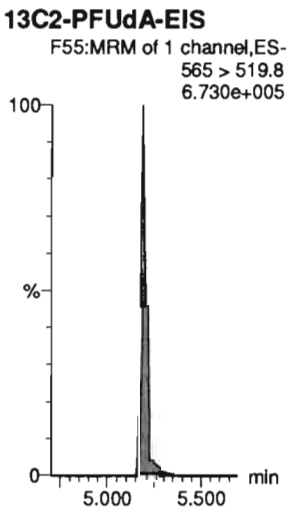
d3-N-MeFOSAA-EIS



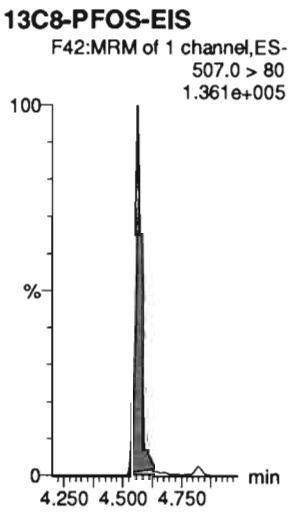
d5-N-EtFOSAA-EIS



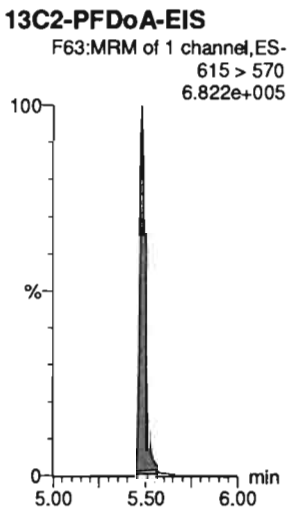
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



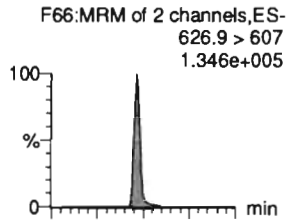
FBR 6/24/2020

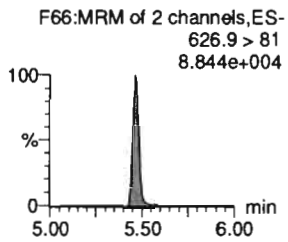
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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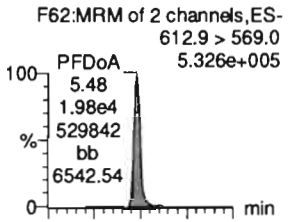
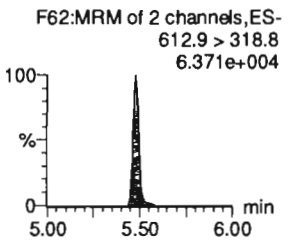
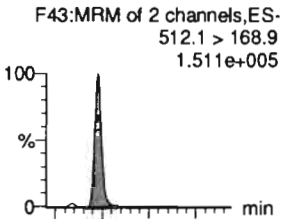
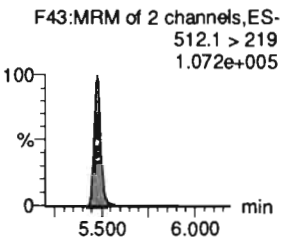


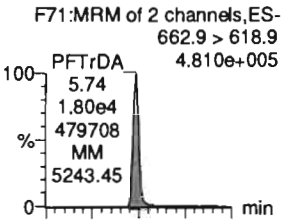


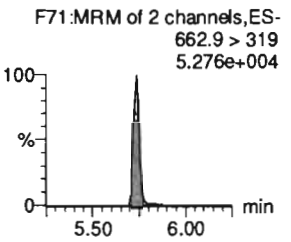
N-MeFOSA



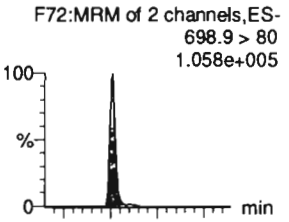


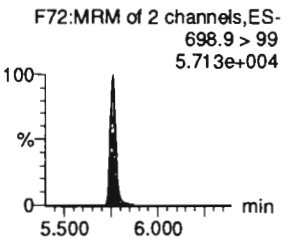
PFTrDA





PFDoS





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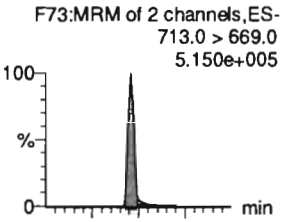
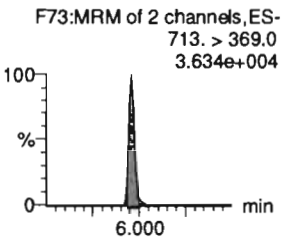
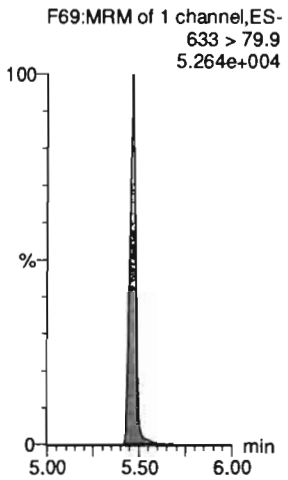




13C2-10:2 FTS-EIS



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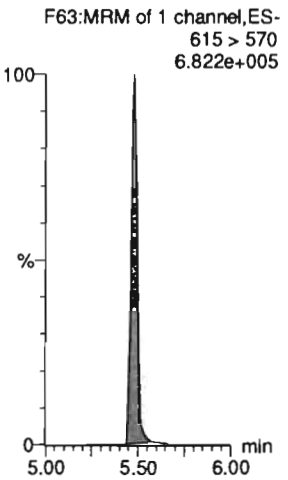
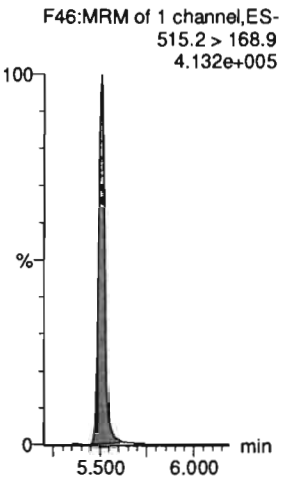


d3-N-MeFOSA-EIS



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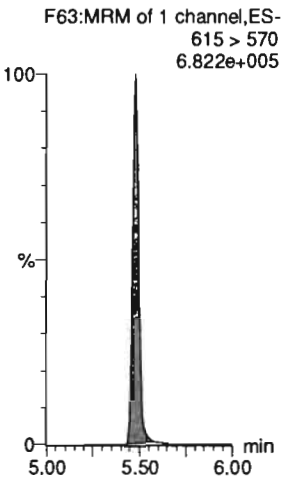
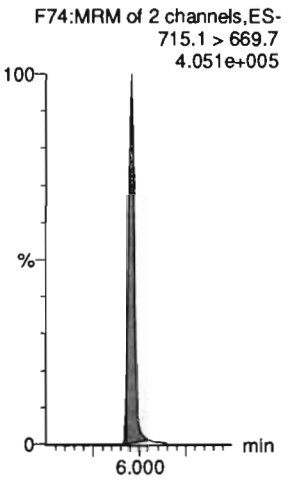


13C2-PFTeDA-EIS



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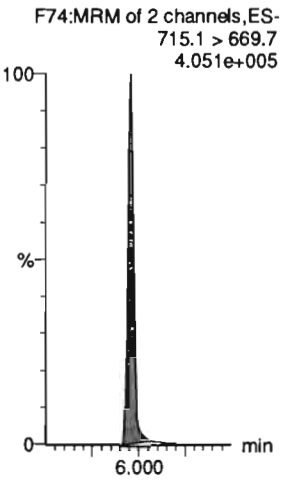

FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

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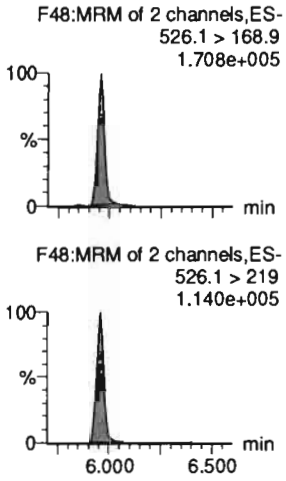
N-EtFOSA



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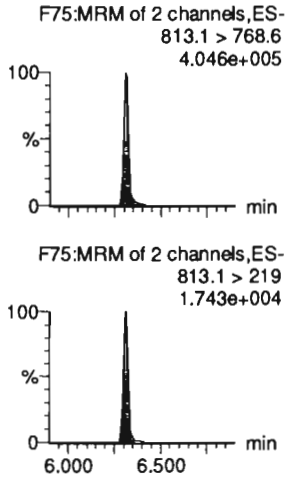
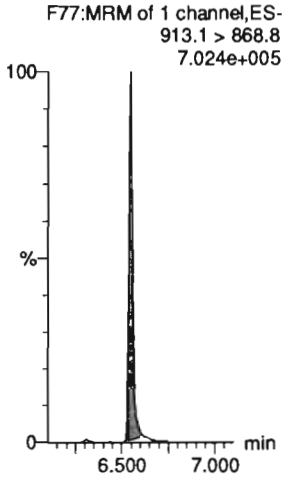
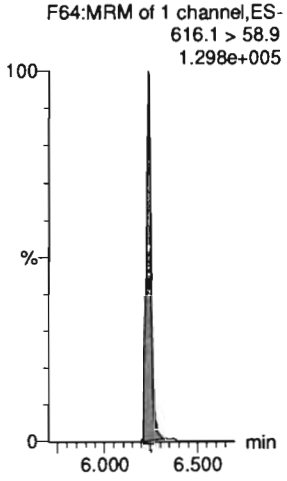


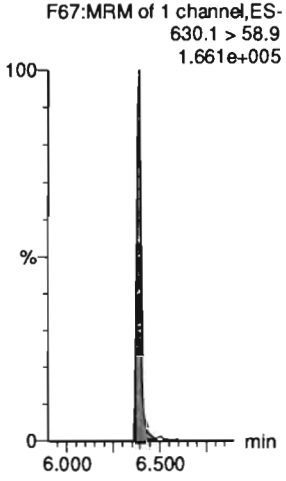
PFODA



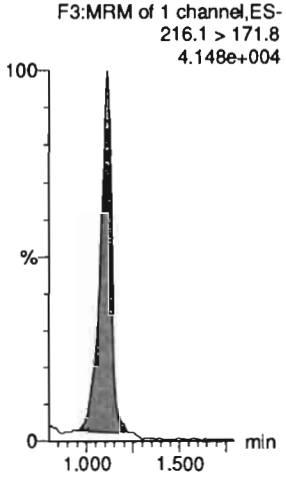
N-MeFOSE



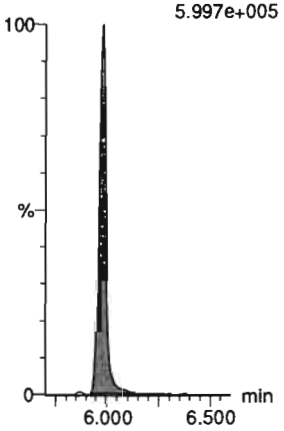
N-EtFOSE



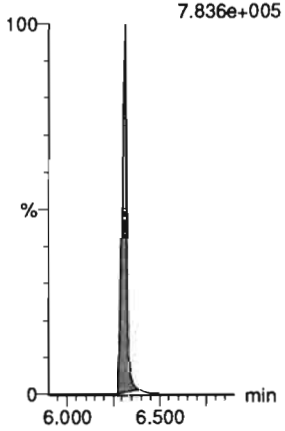
13C3-PFBA-RSD



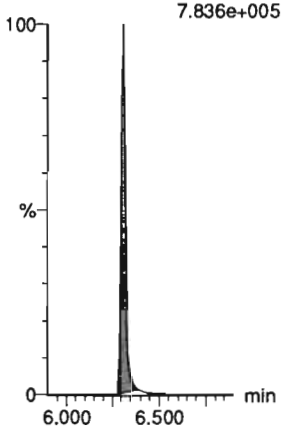
d5-N-ETFOSA-EIS



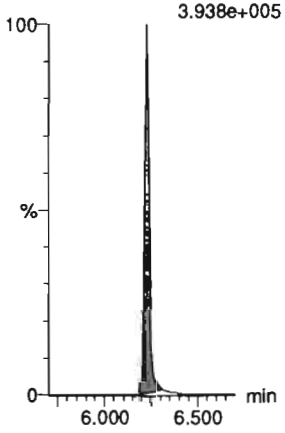
13C2-PFHxDA-EIS



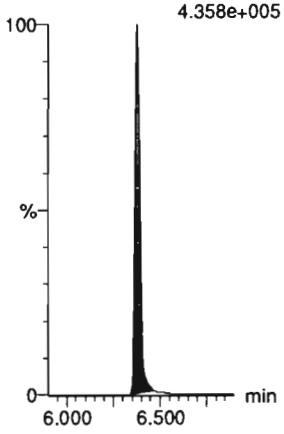
13C2-PFHxDA-EIS



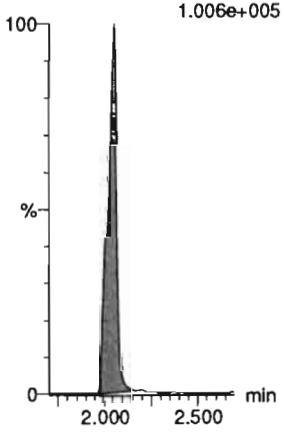
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



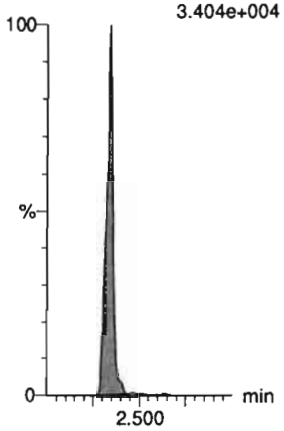
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

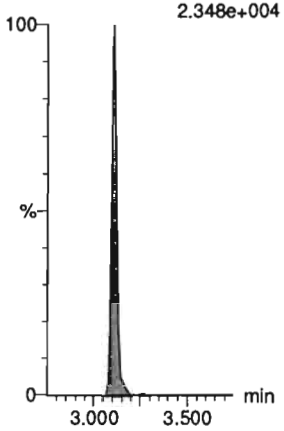
Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

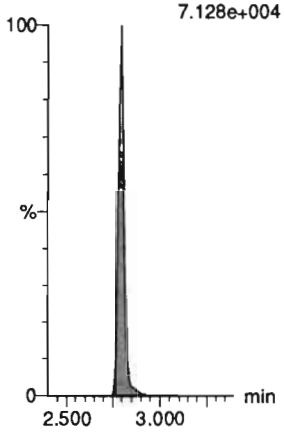
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.404e+004



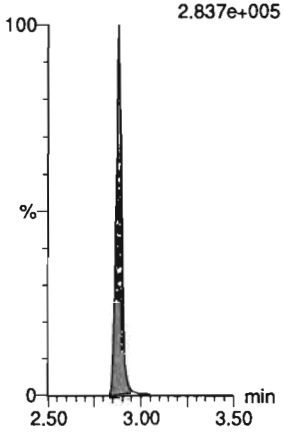
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.348e+004



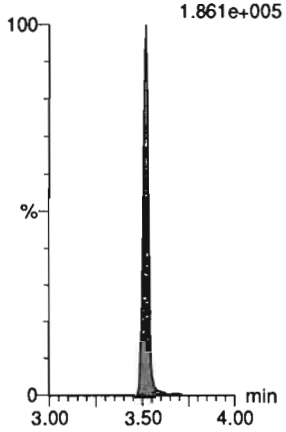
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.128e+004



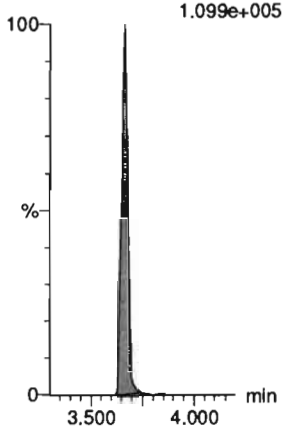
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.837e+005



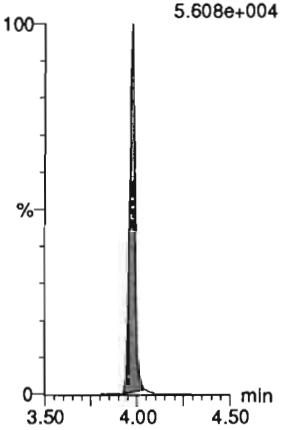
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.861e+005



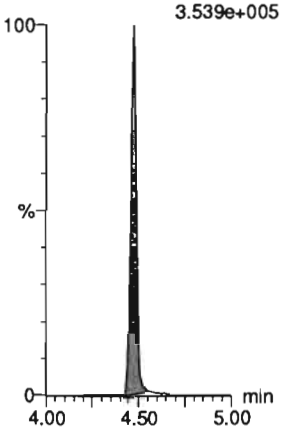
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.099e+005



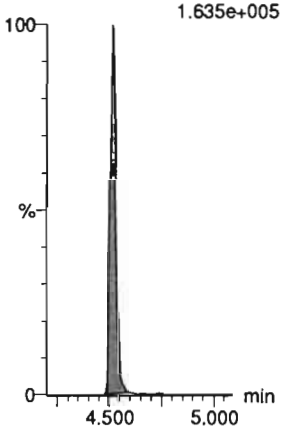
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.608e+004



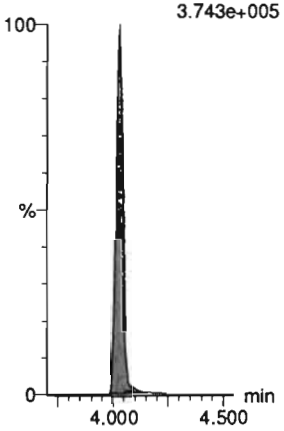
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.539e+005



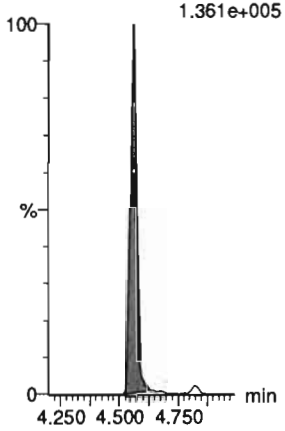
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.635e+005



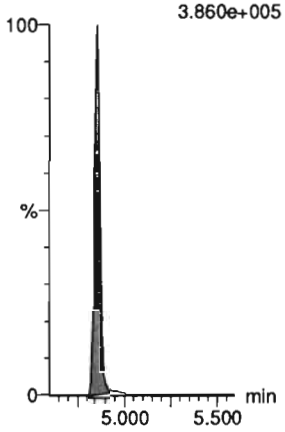
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.743e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.361e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.860e+005



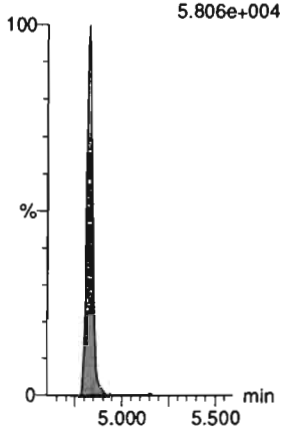
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

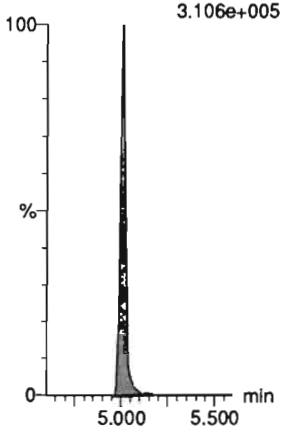
Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

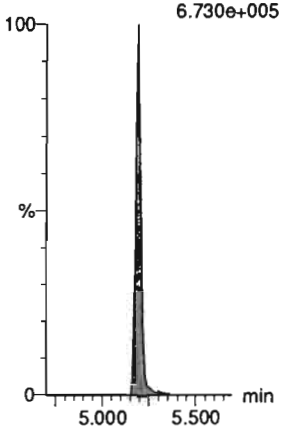
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
5.806e+004



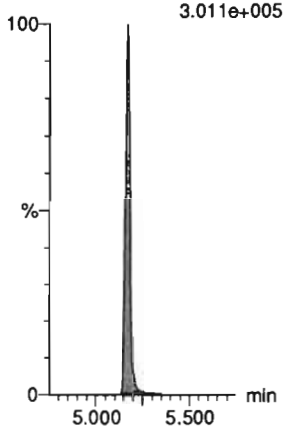
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.106e+005



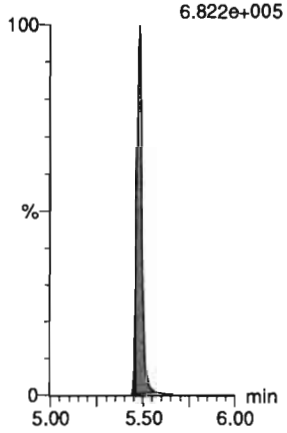
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
6.730e+005



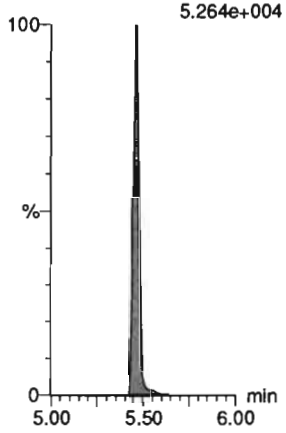
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.011e+005



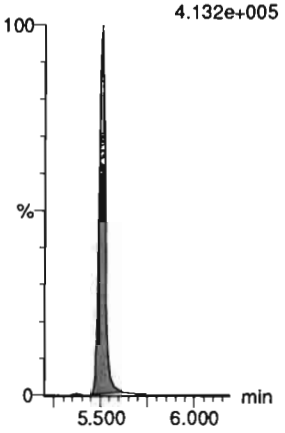
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.822e+005



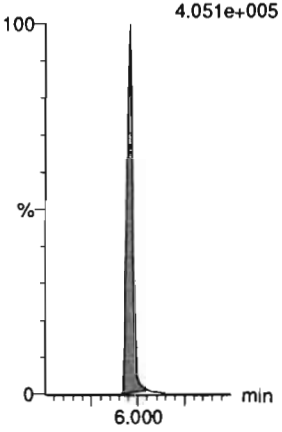
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.264e+004



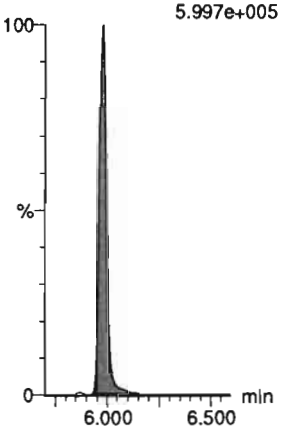
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
4.132e+005



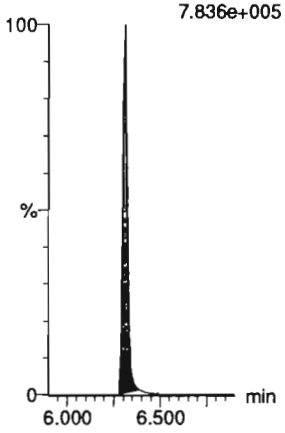
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.051e+005



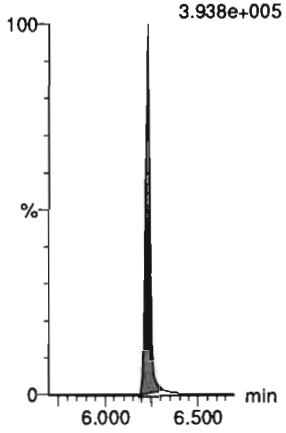
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.997e+005



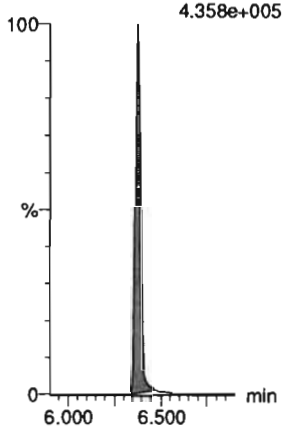
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.836e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.938e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.358e+005



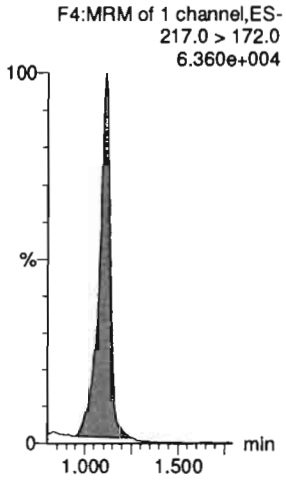
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-37.qld

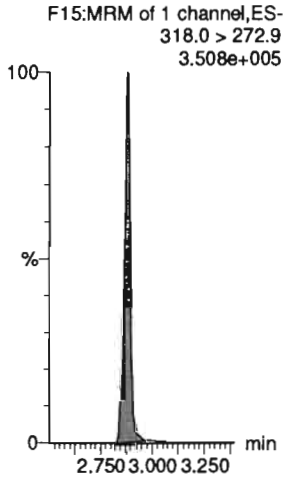
Last Altered: Wednesday, June 24, 2020 12:00:31 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:00:50 Pacific Daylight Time

Name: 200623M1_37, Date: 23-Jun-2020, Time: 18:34:20, ID: ST200623M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

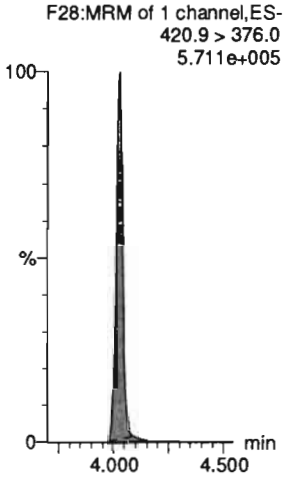
13C4-PFBA



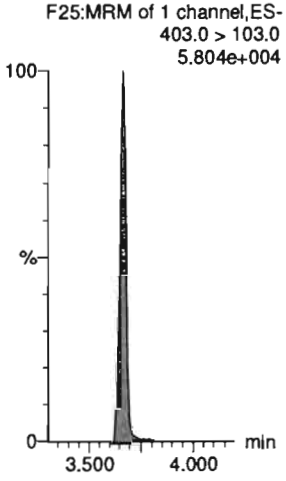
13C5-PFHxA



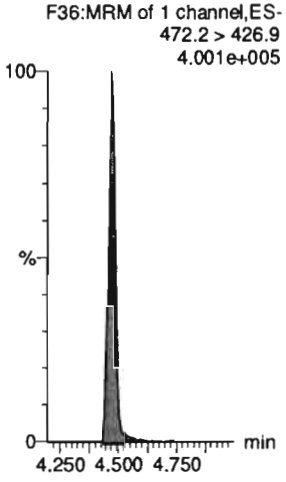
13C8-PFOA



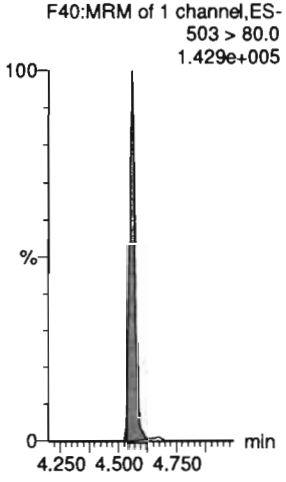
18O2-PFHxS



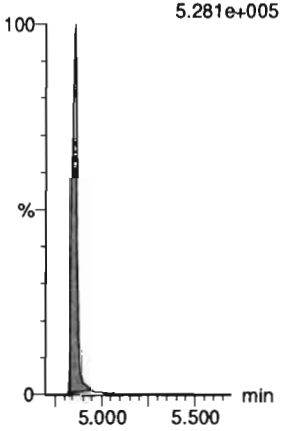
13C9-PFNA



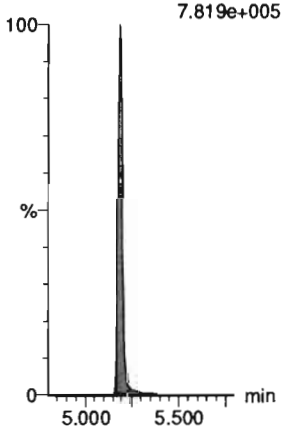
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

6/24/2020

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	3400.832	2954.448	1.00	1.11	14.389	10.000	9.50	95.0	NO		
2	2	PFPrS	248.9 > 79.9	1756.180	1501.151	1.00	1.44	14.624	10.000	9.77	97.7	NO	2.550	NO
3	3	3:3 FTCA	241.1 > 177.0	341.728	5964.017	1.00	1.92	0.716	10.000	13.5	134.7 (A)	YES	2.575	NO
4	4	PFPeA	263.1 > 218.9	4334.871	5964.017	1.00	2.05	9.085	10.000	9.77	97.7	NO		
5	5	PFBS	299.0 > 79.7	2679.487	1501.151	1.00	2.35	22.312	10.000	10.9	109.3	NO	2.801	NO
6	6	4:2 FTS	327.0 > 306.9	5313.058	2447.847	1.00	2.80	27.131	10.000	10.5	105.2	NO	1.852	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2954.448		1.00	1.11	2954.448	12.500	14.0	111.7	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1501.151		1.00	2.35	1501.151	12.500	12.6	100.8	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5964.017		1.00	2.05	5964.017	12.500	13.9	110.9	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5964.017		1.00	2.05	5964.017	12.500	13.9	110.9	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1501.151		1.00	2.35	1501.151	12.500	12.6	100.8	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2447.847		1.00	2.80	2447.847	12.500	11.7	93.7	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9274.629	10836.066	1.00	2.88	10.699	10.000	9.45	94.5	NO	15.783	NO
15	8	PFPeS	349.0 > 80.0	3028.264	1501.151	1.00	3.10	25.216	10.000	10.8	108.0	NO	1.727	NO
16	9	HFPO-DA	285.1 > 168.9	607.961	765.917	1.00	3.11	9.922	10.000	10.2	102.3	NO	2.342	NO
17	10	5:3 FTCA	340.9 > 236.9	1800.553	7056.136	1.00	3.46	3.190	10.000	12.3	122.5	NO	1.496	NO
18	11	PFHpA	363.0 > 318.9	6965.412	7056.136	1.00	3.52	12.339	10.000	10.0	100.2	NO	10.115	NO
19	12	ADONA	376.8 > 250.9	26516.363	7056.136	1.00	3.62	46.974	10.000	9.68	96.8	NO	3.412	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10836.066		1.00	2.88	10836.066	12.500	13.4	106.9	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1501.151		1.00	2.35	1501.151	12.500	12.6	100.8	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	765.917		1.00	3.11	765.917	12.500	11.9	95.5	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	7056.136		1.00	3.52	7056.136	12.500	13.1	104.8	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	7056.136		1.00	3.52	7056.136	12.500	13.1	104.8	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	7056.136		1.00	3.52	7056.136	12.500	13.1	104.8	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	3250.167	3731.435	1.00	3.67	10.888	10.000	11.7	117.2	NO	1.731	NO
28	15	6:2 FTS	427 > 407.0	4899.710	2143.744	1.00	3.97	28.570	10.000	9.83	98.3	NO	2.073	NO
29	16	L-PFOA	412.8 > 368.9	16490.461	14582.406	1.00	4.03	14.136	10.000	9.68	96.8	NO	3.831	NO
30	18	PFecHS	460.8 > 381.0	5489.809	14582.406	1.00	4.05	4.706	10.000	8.92	89.2	NO	0.965	NO
31	19	PFHpS	448.9 > 80.0	3058.802	4567.427	1.00	4.15	8.371	10.000	8.99	89.9	NO	1.982	NO
32	20	7:3 FTCA	441.0 > 337.0	3254.123	12708.754	1.00	4.46	3.201	10.000	12.9	129.0	NO	1.279	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3731.435		1.00	3.67	3731.435	12.500	12.5	100.3	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2143.744		1.00	3.97	2143.744	12.500	11.3	90.6	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	14582.406		1.00	4.03	14582.406	12.500	13.9	110.9	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	14582.406		1.00	4.03	14582.406	12.500	13.9	110.9	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
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Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	4567.427		1.00	4.56	4567.427	12.500	14.1	112.9	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	12708.754		1.00	4.48	12708.754	12.500	12.4	99.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	12914.714	12708.754	1.00	4.48	12.703	10.000	10.1	101.2	NO	3.841	NO
41	22	PFOSA	498.0 > 78.0	4613.114	5711.678	1.00	4.52	10.096	10.000	10.6	106.2	NO	29.551	NO
42	23	L-PFOS	499 > 80	3532.869	4567.427	1.00	4.56	9.669	10.000	9.54	95.4	NO	1.960	NO
43	25	9Cl-PF30NS	531 > 351.0	11556.380	4567.427	1.00	4.79	31.627	10.000	8.19	81.9	NO	18.295	NO
44	26	PFDA	513 > 468.8	14867.354	13256.018	1.00	4.86	14.019	10.000	9.05	90.5	NO	5.270	NO
45	27	8:2 FTS	526.9 > 507.0	4680.076	2456.005	1.00	4.83	23.820	10.000	10.4	103.8	NO	1.641	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	12708.754		1.00	4.48	12708.754	12.500	12.4	99.3	NO		
47	67	13C8-PFOSA-EIS	506. > 78	5711.678		1.00	4.52	5711.678	12.500	17.4	139.5	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	4567.427		1.00	4.56	4567.427	12.500	14.1	112.9	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	4567.427		1.00	4.56	4567.427	12.500	14.1	112.9	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	13256.018		1.00	4.86	13256.018	12.500	13.1	104.4	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	2456.005		1.00	4.83	2456.005	12.500	11.5	92.1	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	3581.814	4567.427	1.00	4.92	9.803	10.000	8.88	88.8	NO	1.631	NO
54	29	L-MeFOSAA	570 > 419	8030.451	11064.585	1.00	5.01	9.072	10.000	9.31	93.1	NO	2.786	NO
55	31	L-EtFOSAA	583.9 > 419	7193.712	9404.270	1.00	5.17	9.562	10.000	9.44	94.4	NO	1.303	NO
56	33	PFUdA	563.0 > 518.9	15067.587	21089.551	1.00	5.19	8.931	10.000	10.1	100.7	NO	9.354	NO
57	34	PFDS	599.0 > 80.0	2946.816	4567.427	1.00	5.24	8.065	10.000	8.86	88.6	NO	1.395	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	12916.803	23567.486	1.00	5.41	6.851	10.000	11.7	116.8	NO	29.589	NO
59	71	13C8-PFOS-EIS	507.0 > 80	4567.427		1.00	4.56	4567.427	12.500	14.1	112.9	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	11064.585		1.00	5.01	11064.585	12.500	11.5	92.3	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	9404.270		1.00	5.17	9404.270	12.500	11.3	90.2	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	21089.551		1.00	5.19	21089.551	12.500	13.8	110.6	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	4567.427		1.00	4.56	4567.427	12.500	14.1	112.9	NO		
64	83	13C2-PFDoA-EIS	615 > 570	23567.486		1.00	5.48	23567.486	12.500	12.2	97.4	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	4855.492	1795.571	1.00	5.46	33.802	10.000	12.4	124.1	NO	1.506	NO
67	37	PFDoA	612.9 > 569.0	19503.150	23567.486	1.00	5.48	10.344	10.000	10.5	105.3	NO	8.491	NO
68	38	N-MeFOSA	512.1 > 168.9	6467.174	17586.443	1.00	5.48	54.866	50.000	53.7	107.4	NO	1.348	NO
69	39	PFTrDA	662.9 > 618.9	18033.016	23567.486	1.00	5.73	9.565	10.000	10.5	104.7	NO	9.541	NO
70	40	PFDoS	698.9 > 80	3957.581	16208.229	1.00	5.76	3.052	10.000	9.94	99.4	NO	1.821	NO
71	41	PFTeDA	713.0 > 669.0	19591.990	16208.229	1.00	5.96	15.110	10.000	9.60	96.0	NO	14.754	NO
72	85	13C2-10:2 FTS-EIS	633 > 79.9	1795.571		1.00	5.46	1795.571	12.500	11.4	91.6	NO		

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Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	615 > 570	23567.486		1.00	5.48	23567.486	12.500	12.2	97.4	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	17586.443		1.00	5.51	17586.443	149.200	197	131.8	NO		
75	83 13C2-PFDoA-EIS	615 > 570	23567.486		1.00	5.48	23567.486	12.500	12.2	97.4	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	16208.229		1.00	5.96	16208.229	12.500	13.2	105.4	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	16208.229		1.00	5.96	16208.229	12.500	13.2	105.4	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	7399.101	25619.461	1.00	5.96	43.090	50.000	48.9	97.8	NO	1.473	NO
80	43 PFHxDA	813.1 > 768.6	12616.275	26233.234	1.00	6.31	6.012	10.000	9.94	99.4	NO	23.698	NO
81	44 PFODA	913.1 > 868.8	18731.695	26233.234	1.00	6.55	8.926	10.000	8.97	89.7	NO		
82	45 N-MeFOSE	616.1 > 58.9	3857.211	12371.547	1.00	6.24	46.518	50.000	46.6	93.2	NO		
83	46 N-EtFOSE	630.1 > 58.9	4995.836	13642.375	1.00	6.39	54.637	50.000	52.1	104.1	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	2954.448	4447.017	1.00	1.11	8.305	12.500	12.8	102.3	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	25619.461		1.00	5.98	25619.461	149.200	176	118.2	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	26233.234		1.00	6.31	26233.234	12.500	14.3	114.5	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	26233.234		1.00	6.31	26233.234	12.500	14.3	114.5	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	12371.547		1.00	6.23	12371.547	149.200	215	144.3	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	13642.375		1.00	6.38	13642.375	149.200	203	135.7	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	5923.257	12679.046	1.00	2.05	5.840	12.500	12.9	103.4	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1501.151	1995.312	1.00	2.35	9.404	12.500	12.3	98.3	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	765.917	12679.046	1.00	3.11	0.755	12.500	11.5	92.4	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	2447.847	1995.312	1.00	2.80	15.335	12.500	12.5	100.3	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	10836.066	12679.046	1.00	2.88	10.683	12.500	12.6	101.0	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	7056.136	12679.046	1.00	3.52	6.956	12.500	12.9	102.8	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3731.435	1995.312	1.00	3.67	23.376	12.500	12.8	102.3	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	2143.744	4516.665	1.00	3.97	5.933	12.500	11.5	91.7	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	12612.952	14256.474	1.00	4.48	11.059	12.500	12.1	97.0	NO		
100	68 13C8-PFOSA-RSD	506. > 78	5710.597	25672.715	1.00	4.52	2.780	12.500	15.7	125.9	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	14578.345	21136.447	1.00	4.03	8.622	12.500	13.3	106.3	NO		
102	72 13C8-PFOS-RSD	507.0 > 80	4567.427	4516.665	1.00	4.56	12.640	12.500	13.1	104.8	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	13256.018	17642.670	1.00	4.86	9.392	12.500	13.2	105.5	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	528.9 > 79.9	2456.005	4516.665	1.00	4.83	6.797	12.500	11.3	90.6	NO		
106	78 d3-N-MeFOSAA-RSD	573. > 419	11064.585	25672.715	1.00	5.01	5.387	12.500	11.0	87.9	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	21089.551	25672.715	1.00	5.19	10.268	12.500	12.2	97.2	NO		
108	82 d5-N-EtFOSAA-RSD	589. > 419	9406.077	25672.715	1.00	5.17	4.580	12.500	10.5	84.1	NO		

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Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84 13C2-PFDoA-RSD	615 > 570	23567.486	17642.670	1.00	5.48	16.698	12.500	13.0	103.8	NO		
110	86 13C2-10:2 FTS-RSD	633 > 79.9	1795.571	4516.665	1.00	5.46	4.969	12.500	11.0	87.8	NO		
111	88 d3-N-MeFOSA-RSD	515.2 > 168.9	17586.443	25672.715	1.00	5.51	8.563	149.200	173	115.8	NO		
112	90 13C2-PFTeDA-RSD	715.1 > 669.7	16208.229	25672.715	1.00	5.96	7.892	12.500	12.8	102.3	NO		
113	92 d5-N-ETFOSA-RSD	531.1 > 168.9	25619.461	25672.715	1.00	5.98	12.474	149.200	160	107.2	NO		
114	94 13C2-PFHxDA-RSD	815 > 769.7	26240.822	25672.715	1.00	6.31	12.777	12.500	13.1	105.0	NO		
115	96 d7-N-MeFOSE-RSD	623.1 > 58.9	12371.547	25672.715	1.00	6.23	6.024	149.200	186	124.6	NO		
116	98 d9-N-EtFOSE-RSD	639.2 > 58.8	13655.943	25672.715	1.00	6.38	6.649	149.200	183	122.4	NO		
117	-1												
118	99 13C4-PFBA	217.0 > 172.0	4447.017	4447.017	1.00	1.12	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	12679.046	12679.046	1.00	2.88	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	21136.447	21136.447	1.00	4.03	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	1995.312	1995.312	1.00	3.67	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	14256.474	14256.474	1.00	4.48	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	4516.665	4516.665	1.00	4.56	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	17642.670	17642.670	1.00	4.86	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	25672.715	25672.715	1.00	5.19	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200623M1_1	Tester	23-Jun-20	12:03:27
2	2	200623M1_2	IPA	23-Jun-20	12:13:53
3	3	200623M1_3	IPA	23-Jun-20	12:24:18
4	4	200623M1_4	ST200623M1-1 PFC CS-2 20F1901	23-Jun-20	12:34:44
5	5	200623M1_5	ST200623M1-2 PFC CS-1 20F1902	23-Jun-20	12:45:06
6	6	200623M1_6	ST200623M1-3 PFC CS0 20F1903	23-Jun-20	12:55:28
7	7	200623M1_7	ST200623M1-4 PFC CS1 20F1904	23-Jun-20	13:05:51
8	8	200623M1_8	ST200623M1-5 PFC CS2 20F1905	23-Jun-20	13:16:13
9	9	200623M1_9	ST200623M1-6 PFC CS3 20F1906	23-Jun-20	13:26:35
10	10	200623M1_10	ST200623M1-7 PFC CS4 20F1907	23-Jun-20	13:36:57
11	11	200623M1_11	ST200623M1-8 PFC CS5 20F1908	23-Jun-20	13:47:22
12	12	200623M1_12	ST200623M1-9 PFC CS6 20F1909	23-Jun-20	13:57:46
13	13	200623M1_13	ST200623M1-10 PFC CS7 20F1910	23-Jun-20	14:08:11
14	14	200623M1_14	IB	23-Jun-20	14:18:36
15	15	200623M1_15	ICV200623M1-1 PFC ICV 20F1911	23-Jun-20	14:28:58
16	16	200623M1_16	IB	23-Jun-20	14:39:20
17	17	200623M1_17	2001183-05@10X MW-7 0.24792	23-Jun-20	14:54:58
18	18	200623M1_18	2001253-03@5X A4-MW4D-R1 0.25513	23-Jun-20	15:05:19
19	19	200623M1_19	2001245-14@5X NASB-CB-637-0620 0.11601	23-Jun-20	15:24:19
20	20	200623M1_20	2001245-16 NASB-CB-633-0620 0.10937	23-Jun-20	15:34:44
21	21	200623M1_21	B0F0068-MS1@5X Matrix Spike 0.24659	23-Jun-20	15:45:09
22	22	200623M1_22	B0F0068-MSD1@5X Matrix Spike Dup 0.24517	23-Jun-20	15:55:34
23	23	200623M1_23	2001221-08@5X WM 0.24614	23-Jun-20	16:05:59
24	24	200623M1_24	2001221-09@5X WM Dup 0.24874	23-Jun-20	16:16:21
25	25	200623M1_25	2001183-04@20X MW-3 0.24054	23-Jun-20	16:26:43
26	26	200623M1_26	B0F0160-BLK1 Method Blank 0.125	23-Jun-20	16:37:05
27	27	200623M1_27	B0F0160-BS1 OPR 0.125	23-Jun-20	16:47:27
28	28	200623M1_28	B0F0160-BSD1 LCSD 0.125	23-Jun-20	16:57:50
29	29	200623M1_29	2001284-01 MW-3PFAS 0.11436	23-Jun-20	17:08:12
30	30	200623M1_30	B0F0138-BLK1 Method Blank 0.25	23-Jun-20	17:18:34
31	31	200623M1_31	B0F0138-BS1 OPR 0.25	23-Jun-20	17:28:57
32	32	200623M1_32	2001257-07 EB-AOI3-SB-03-200609 0.25222	23-Jun-20	17:42:15

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Dataset: Untitled

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Compound name: PFBA

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33	33 200623M1_33	2001257-14 EB-AOI3-SW-02-200610 0.25675	23-Jun-20	17:52:40
34	34 200623M1_34	2001257-15 DUP-AOI3-SW-03-200610 0.2541	23-Jun-20	18:03:05
35	35 200623M1_35	2001257-09 AOI3SW20131-200610 0.24746	23-Jun-20	18:13:30
36	36 200623M1_36	IB	23-Jun-20	18:23:55
37	37 200623M1_37	ST200623M1-11 PFC CS3 20F1906	23-Jun-20	18:34:20
38	38 200623M1_38	IB	23-Jun-20	18:44:45
39	39 200623M1_39	2001257-10 AOI3SW20132-200610 0.24906	23-Jun-20	18:55:09
40	40 200623M1_40	2001257-11 AOI3SW20133-200610 0.24358	23-Jun-20	19:05:34
41	41 200623M1_41	2001257-12 AOI3SW20134-200610 0.2531	23-Jun-20	19:15:59
42	42 200623M1_42	2001257-13 AOI3SW20135-200610 0.24937	23-Jun-20	19:26:23
43	43 200623M1_43	B0F0146-BLK1 Method Blank 0.25	23-Jun-20	19:36:49
44	44 200623M1_44	B0F0146-BS1 OPR 0.25	23-Jun-20	19:47:11
45	45 200623M1_45	B0F0146-MS1 Matrix Spike 0.11285	23-Jun-20	19:57:33
46	46 200623M1_46	B0F0146-MS2 Matrix Spike 0.11173	23-Jun-20	20:07:55
47	47 200623M1_47	B0F0146-MSD1 Matrix Spike Dup 0.11043	23-Jun-20	20:18:17
48	48 200623M1_48	B0F0146-MSD2 Matrix Spike Dup 0.10742	23-Jun-20	20:28:40
49	49 200623M1_49	2001272-01 GW-MW-8 0.10622	23-Jun-20	20:39:02
50	50 200623M1_50	2001272-02 GW-AE-3A 0.10904	23-Jun-20	20:49:24
51	51 200623M1_51	2001272-03 GW-AE-3A-DUP 0.10904	23-Jun-20	20:59:50
52	52 200623M1_52	2001272-04 GW-FPC-7A 0.1112	23-Jun-20	21:10:15
53	53 200623M1_53	2001272-05 GW-FPC-7B 0.11777	23-Jun-20	21:20:37
54	54 200623M1_54	2001272-06 GW-AE-2A 0.10826	23-Jun-20	21:31:00
55	55 200623M1_55	IB	23-Jun-20	21:41:21
56	56 200623M1_56	ST200623M1-12 PFC CS3 20F1906	23-Jun-20	21:51:44
57	57 200623M1_57	IB	23-Jun-20	22:02:06
58	58 200623M1_58	2001272-07 GW-AE-2B 0.23727	23-Jun-20	22:12:28
59	59 200623M1_59	2001272-08 GW-GZ-105 0.10859	23-Jun-20	22:22:50
60	60 200623M1_60	2001272-09 GW-GZ-105-DUP 0.10609	23-Jun-20	22:33:13
61	61 200623M1_61	2001272-10 GW-FPC-8A 0.11201	23-Jun-20	22:43:35
62	62 200623M1_62	2001272-11 GW-FPC-8B 0.10726	23-Jun-20	22:53:57
63	63 200623M1_63	B0F0159-BLK1 Method Blank 0.25	23-Jun-20	23:04:19
64	64 200623M1_64	B0F0159-BS1 OPR 0.25	23-Jun-20	23:14:42
65	65 200623M1_65	B0F0159-MS1 Matrix Spike 0.24939	23-Jun-20	23:25:04
66	66 200623M1_66	B0F0159-MSD1 Matrix Spike Dup 0.24428	23-Jun-20	23:35:26
67	67 200623M1_67	2001280-01 GW2006090945MK 0.25543	23-Jun-20	23:45:48
68	68 200623M1_68	2001280-02 GW2006090945GSC 0.2548	23-Jun-20	23:56:11

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Compound name: PFBA

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69	69 200623M1_69	2001280-03 FB2006091000MK 0.25298	24-Jun-20	00:06:33
70	70 200623M1_70	2001280-04 GW2006091025MK 0.25092	24-Jun-20	00:16:55
71	71 200623M1_71	2001280-05 GW2006091025MK-FD 0.25281	24-Jun-20	00:27:17
72	72 200623M1_72	2001280-06 GW2006091025GSC 0.25683	24-Jun-20	00:37:39
73	73 200623M1_73	IB	24-Jun-20	00:48:02
74	74 200623M1_74	ST200623M1-13 PFC CS3 20F1906	24-Jun-20	00:58:24
75	75 200623M1_75	IB	24-Jun-20	01:08:46
76	76 200623M1_76	2001280-07 GW2006091055GSC 0.25567	24-Jun-20	01:19:08
77	77 200623M1_77	2001280-08 GW2006091120MK 0.25349	24-Jun-20	01:29:30
78	78 200623M1_78	2001280-09 GW2006091120GSC 0.25863	24-Jun-20	01:39:53
79	79 200623M1_79	2001280-10 GW2006091145GSC 0.245	24-Jun-20	01:50:15
80	80 200623M1_80	2001280-11 GW2006091200MK 0.25229	24-Jun-20	02:00:37
81	81 200623M1_81	2001280-12 GW2006091245MK 0.24902	24-Jun-20	02:11:01
82	82 200623M1_82	2001280-13 GW2006091355GSC 0.24436	24-Jun-20	02:21:26
83	83 200623M1_83	2001280-14 GW2006091400MK 0.25243	24-Jun-20	02:31:51
84	84 200623M1_84	2001280-15 GW2006091425GSC 0.25029	24-Jun-20	02:42:16
85	85 200623M1_85	2001280-16 GW2006091435MK 0.26318	24-Jun-20	02:52:38
86	86 200623M1_86	IB	24-Jun-20	03:03:00
87	87 200623M1_87	ST200623M1-14 PFC CS3 20F1906	24-Jun-20	03:13:23
88	88 200623M1_88	IB	24-Jun-20	03:23:45
89	89 200623M1_89	2001280-17 GW2006091455GSC 0.25274	24-Jun-20	03:34:07
90	90 200623M1_90	2001280-18 GW2006091505MK 0.25926	24-Jun-20	03:44:30
91	91 200623M1_91	2001280-19 GW2006091545GSC 0.24802	24-Jun-20	03:54:52
92	92 200623M1_92	2001280-20 GW2006091555MK 0.2546	24-Jun-20	04:05:14
93	93 200623M1_93	B0F0164-BLK1 Method Blank 0.25	24-Jun-20	04:15:36
94	94 200623M1_94	B0F0164-BS1 OPR 0.25	24-Jun-20	04:25:58
95	95 200623M1_95	B0F0164-MS1 Matrix Spike 0.25438	24-Jun-20	04:36:21
96	96 200623M1_96	B0F0164-MSD1 Matrix Spike Dup 0.25885	24-Jun-20	04:46:43
97	97 200623M1_97	2001286-01 GW2006101325GSC 0.25041	24-Jun-20	04:57:05
98	98 200623M1_98	2001286-02 GW2006101405GSC 0.25248	24-Jun-20	05:07:28
99	99 200623M1_99	2001286-03 GW2006101420MK 0.24548	24-Jun-20	05:17:50
100	100 200623M1_100	2001286-04 GW2006101435GSC 0.24776	24-Jun-20	05:28:12
101	101 200623M1_101	2001286-05 GW2006101500GSC 0.25811	24-Jun-20	05:38:34
102	102 200623M1_102	2001286-06 GW2006101515MK 0.25305	24-Jun-20	05:48:57
103	103 200623M1_103	IB	24-Jun-20	05:59:19
104	104 200623M1_104	ST200623M1-15 PFC CS3 20F1906	24-Jun-20	06:09:41

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
105	105 200623M1_105	IB	24-Jun-20	06:20:03
106	106 200623M1_106	2001286-07 FB2006101530MK 0.2525	24-Jun-20	06:30:25
107	107 200623M1_107	2001286-08 GW2006101550GSC 0.24527	24-Jun-20	06:40:48
108	108 200623M1_108	2001286-09 GW2006101555MK 0.25275	24-Jun-20	06:51:10
109	109 200623M1_109	2001286-10 GW2006101555MK-FD 0.25459	24-Jun-20	07:01:32
110	110 200623M1_110	2001286-11 GW2006101635MK 0.24974	24-Jun-20	07:11:55
111	111 200623M1_111	2001286-12 GW2006101630GSC 0.24974	24-Jun-20	07:22:17
112	112 200623M1_112	2001286-13 GW2006101700GSC 0.25471	24-Jun-20	07:32:39
113	113 200623M1_113	2001286-14 GW2006101715MK 0.25789	24-Jun-20	07:43:01
114	114 200623M1_114	2001286-15 GW2006101730GSC 0.24825	24-Jun-20	07:53:24
115	115 200623M1_115	2001286-16 GW2006101800GSC 0.25116	24-Jun-20	08:03:48
116	116 200623M1_116	2001286-17 GW2006101810MK 0.24781	24-Jun-20	08:14:13
117	117 200623M1_117	IB	24-Jun-20	08:24:39
118	118 200623M1_118	ST200623M1-16 PFC CS3 20F1906	24-Jun-20	08:35:04
119	119 200623M1_119	IB	24-Jun-20	08:45:29
120	120 200623M1_120	2001286-18 GW2006101850MK 0.25562	24-Jun-20	08:55:53
121	121 200623M1_121	2001286-19 GW2006101920MK 0.24285	24-Jun-20	09:06:18
122	122 200623M1_122	2001191-08@5X V1 0.2349	24-Jun-20	09:16:42
123	123 200623M1_123	IB	24-Jun-20	09:27:07
124	124 200623M1_124	ST200623M1-17 PFC CS3 20F1906	24-Jun-20	09:37:32
125	125 200623M1_125	IB	24-Jun-20	09:47:57

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

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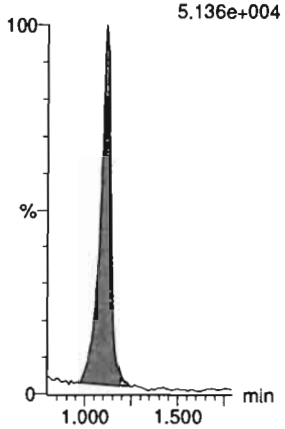
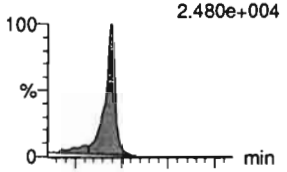
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

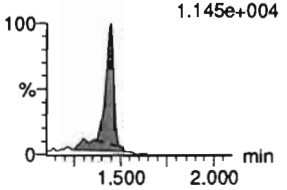
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
5.136e+004



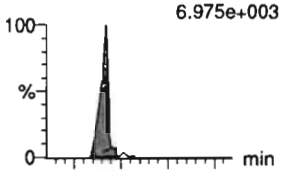
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.480e+004



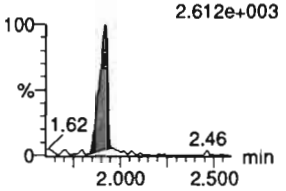
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.145e+004



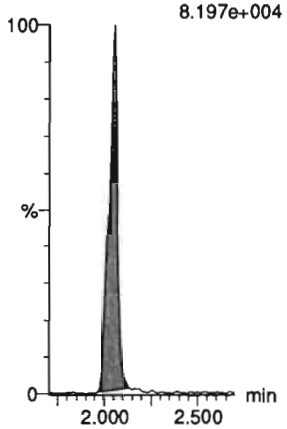
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
6.975e+003



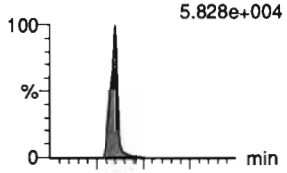
F5:MRM of 2 channels,ES-
241.1 > 117.0
2.612e+003



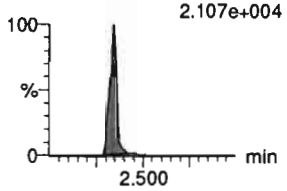
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
8.197e+004



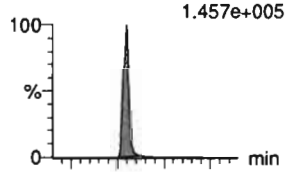
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
5.828e+004



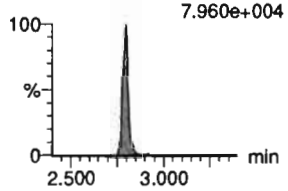
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.107e+004



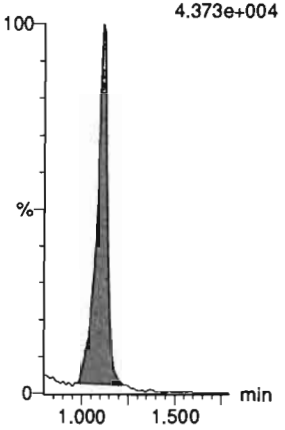
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.457e+005



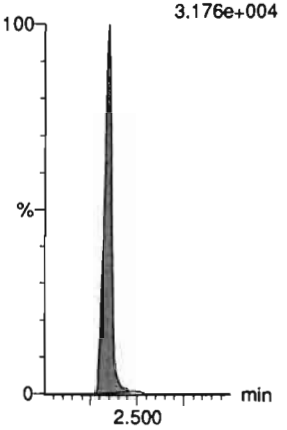
F16:MRM of 2 channels,ES-
327.0 > 80.9
7.960e+004



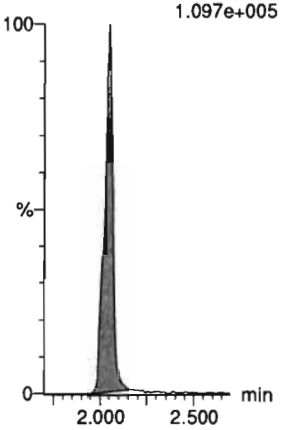
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
4.373e+004



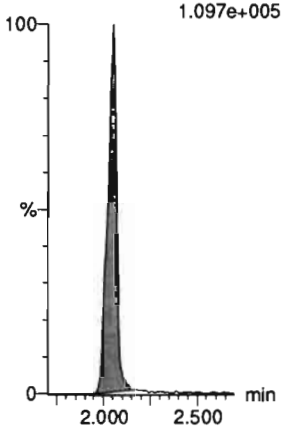
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.176e+004



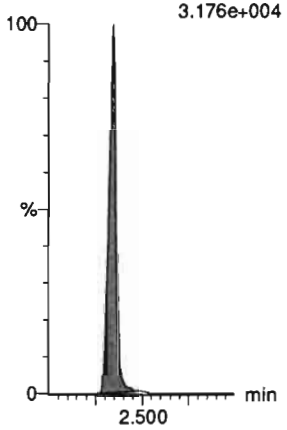
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.097e+005



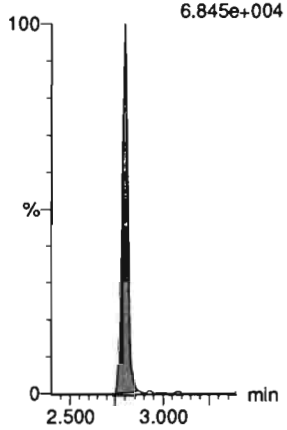
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.097e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.176e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.845e+004



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

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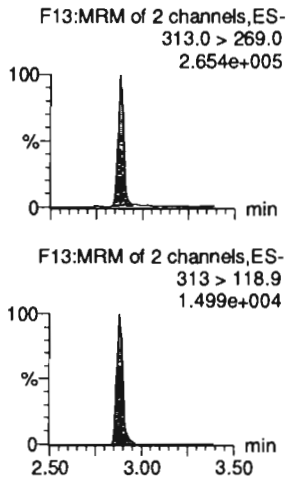
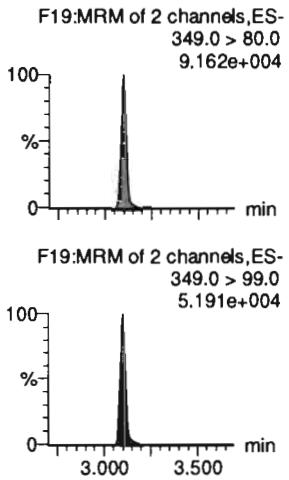
Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

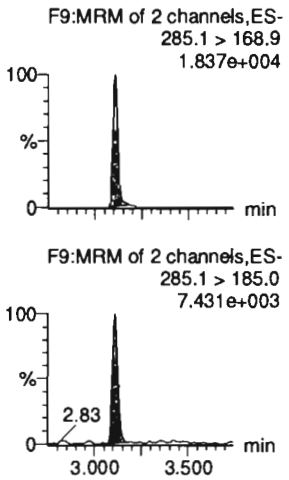
PFHxA



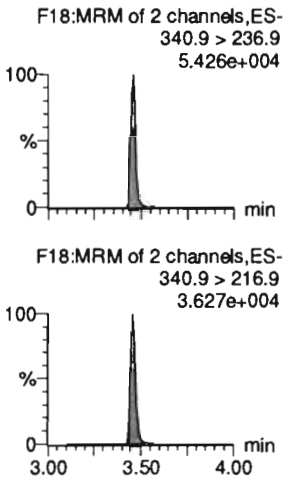
PFPeS



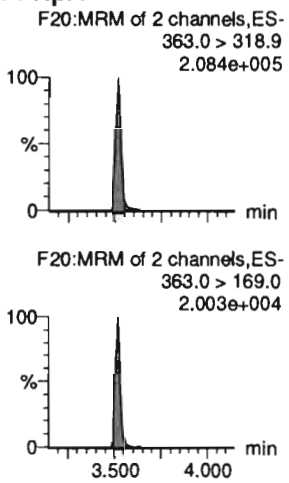
HFPO-DA



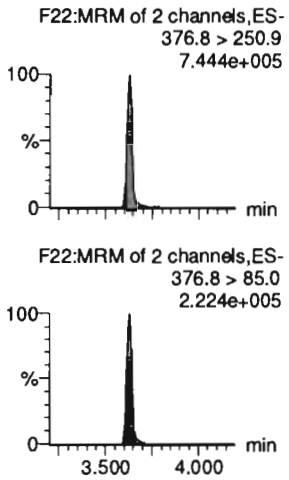
5:3 FTCA



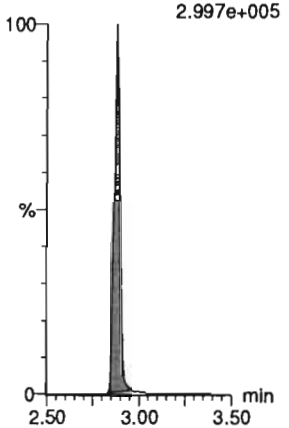
PFHpA



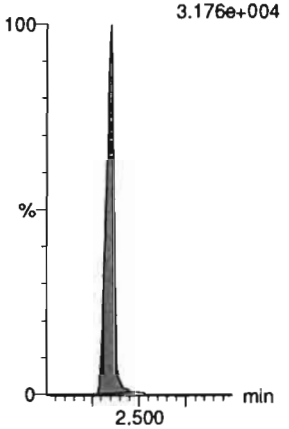
ADONA



13C2-PFHxA-EIS



13C3-PFBS-EIS



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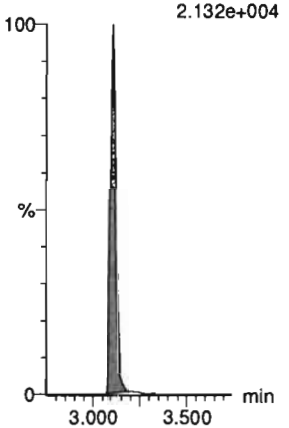

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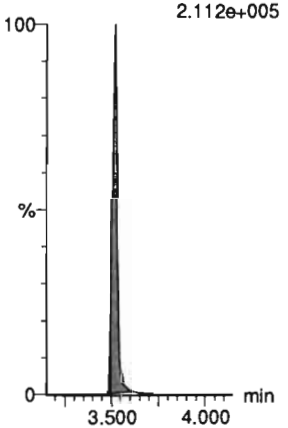

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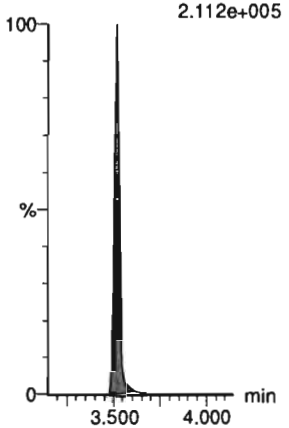

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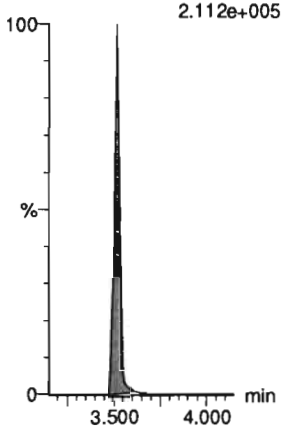


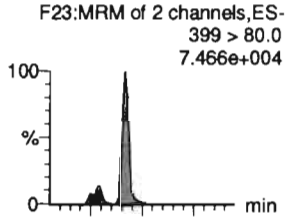
FBR 6/24/2020

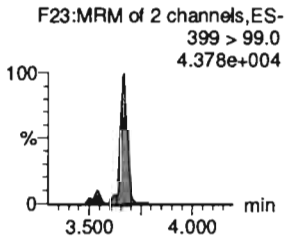
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

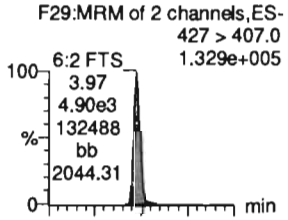
Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

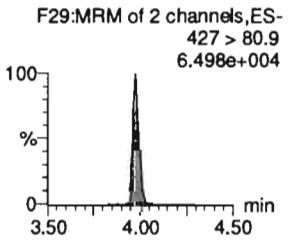
L-PFHxS





6:2 FTS





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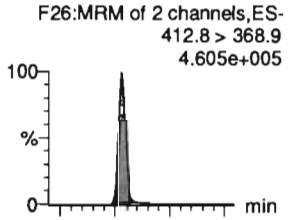
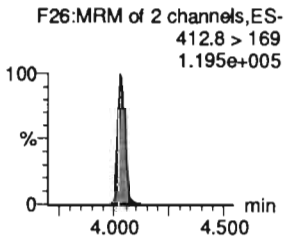
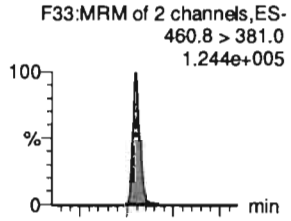
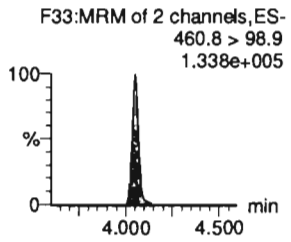


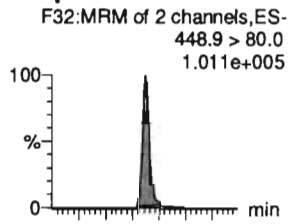


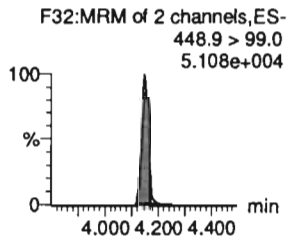
PFEChS



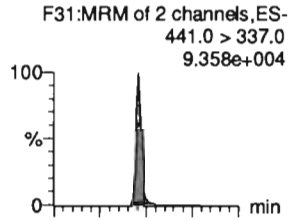


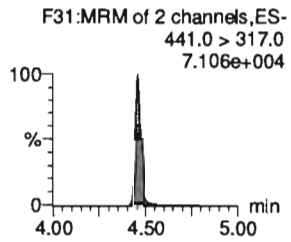
PFHpS



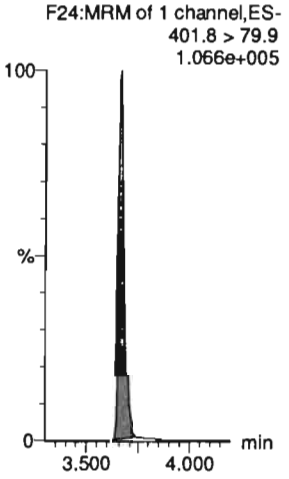


7:3 FTCA

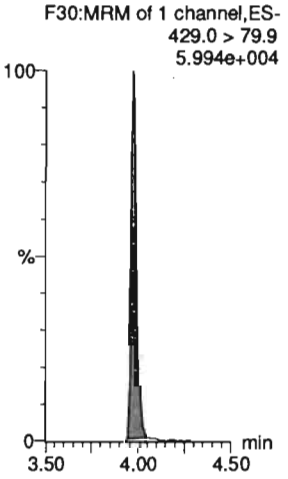




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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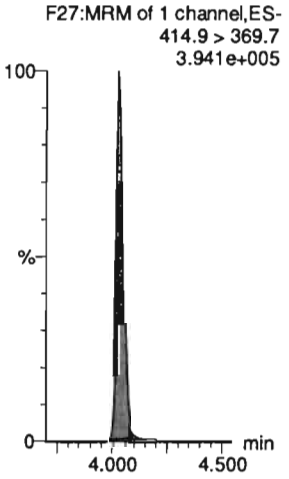
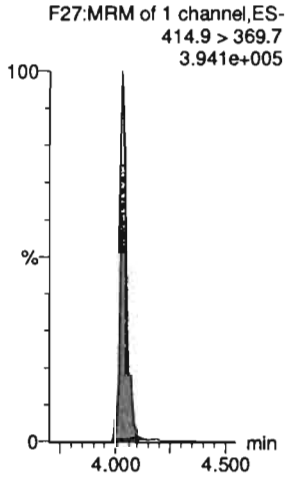
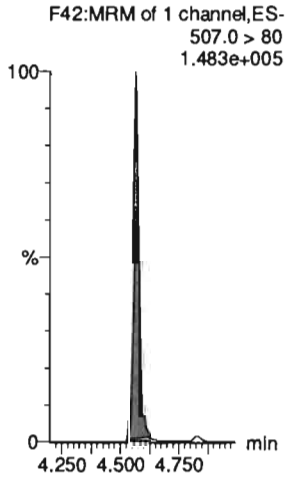


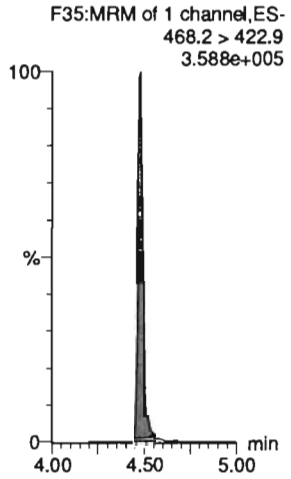
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

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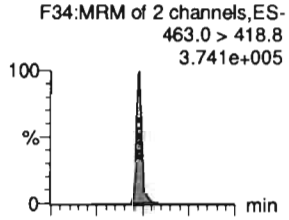

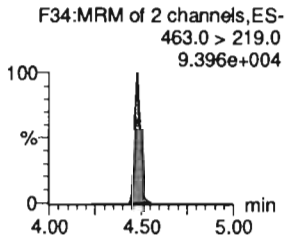

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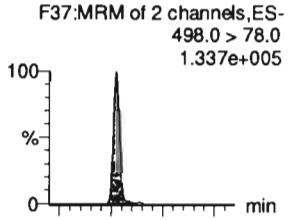
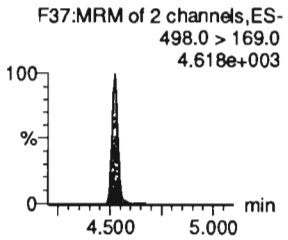
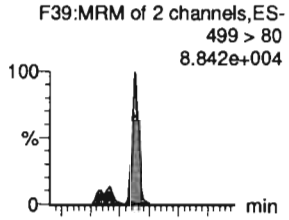
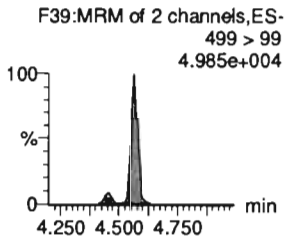


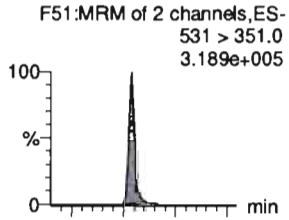


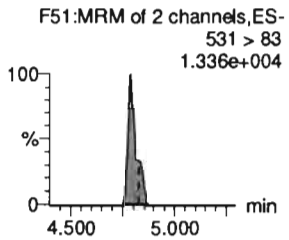
L-PFOS





9Cl-PF30NS





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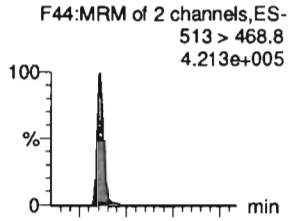
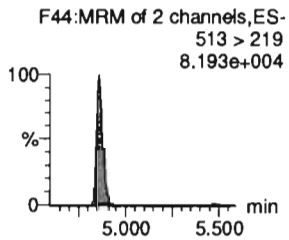
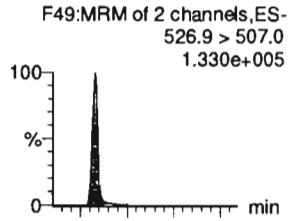
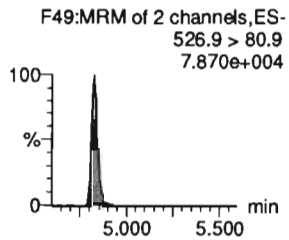




8:2 FTS





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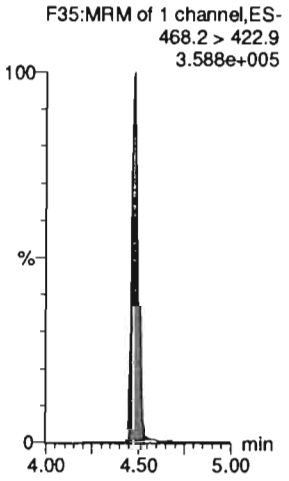

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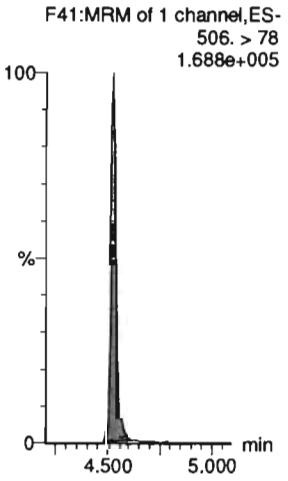

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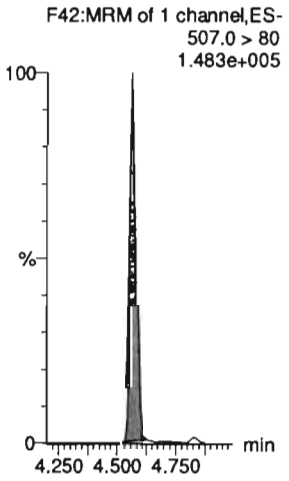

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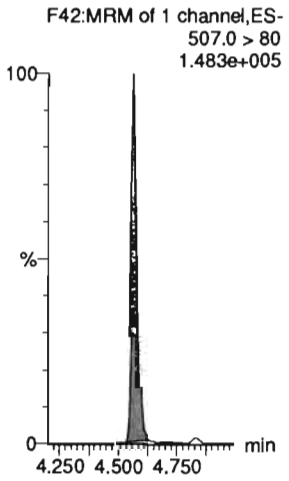
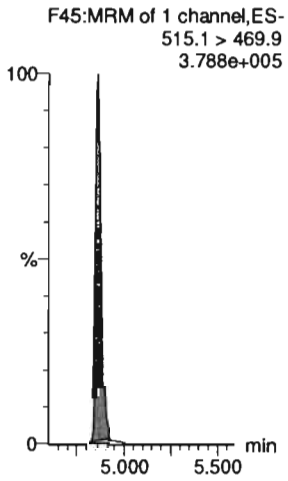
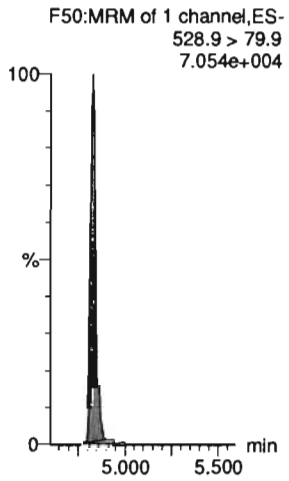


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

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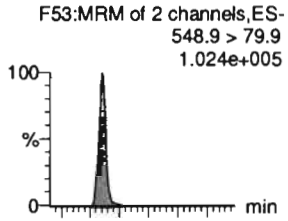

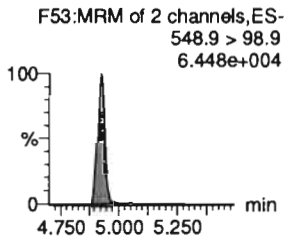

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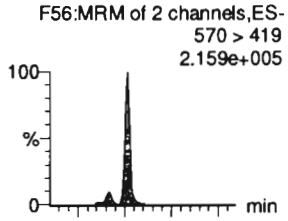
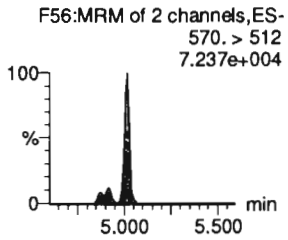
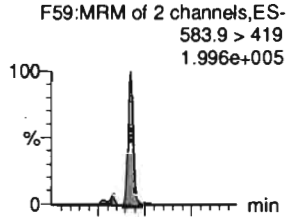
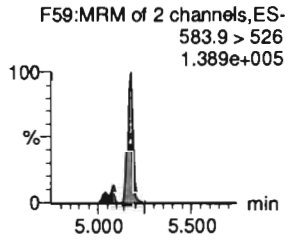


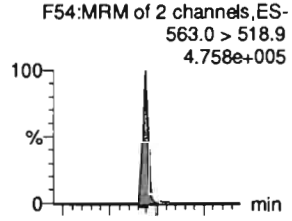


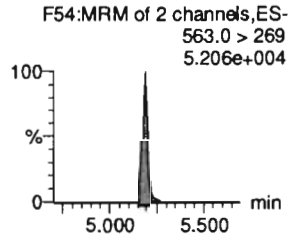
L-EtFOSAA



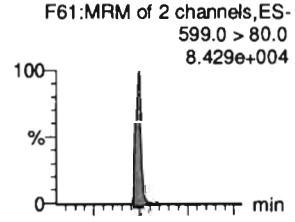


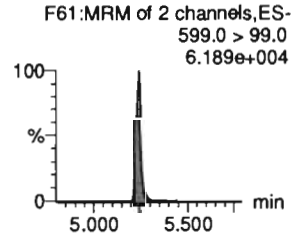
PFUdA





PFDS





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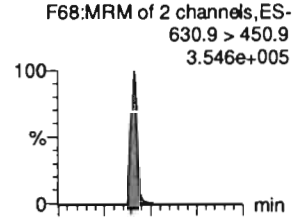
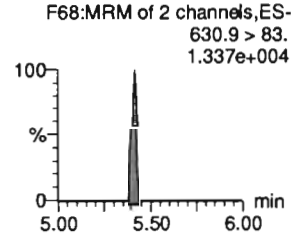
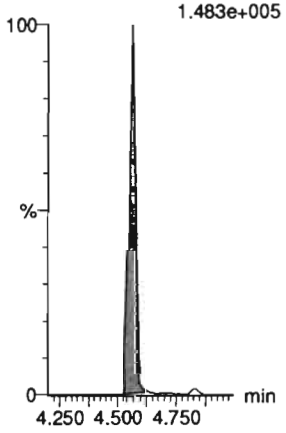
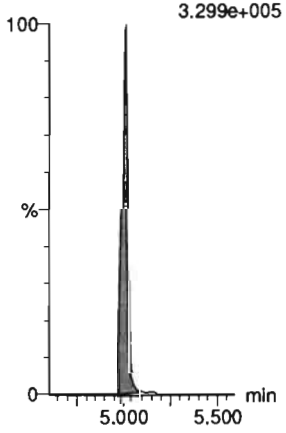




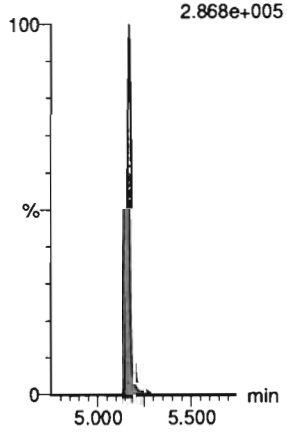
13C8-PFOS-EIS



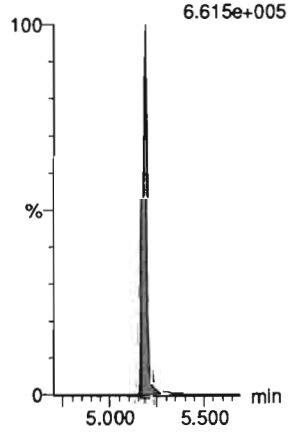
d3-N-MeFOSAA-EIS



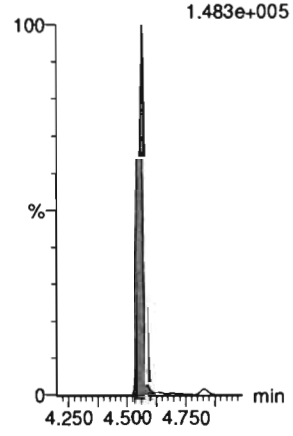
d5-N-EtFOSAA-EIS



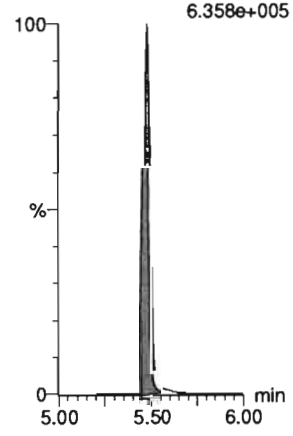
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



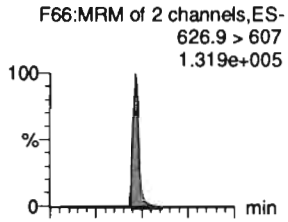
FBR 6/24/2020

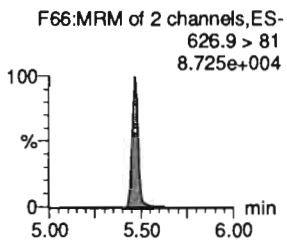
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

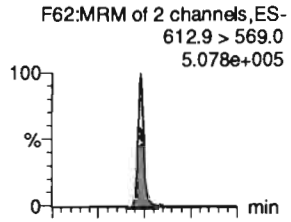
Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

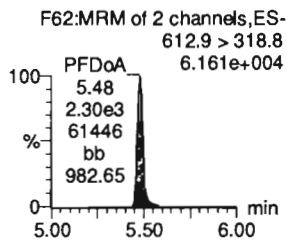
10:2 FTS



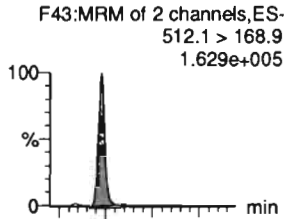


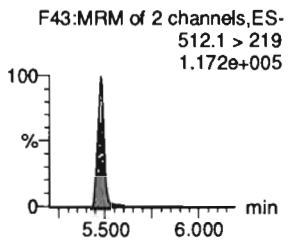
PFDoA



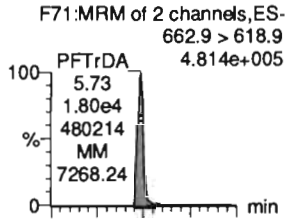


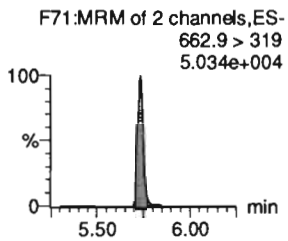
N-MeFOSA



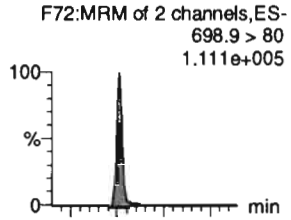


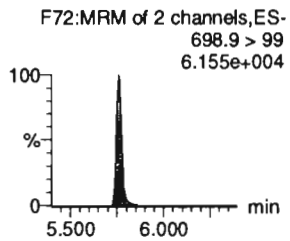
PFTrDA





PFDoS





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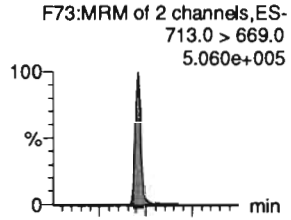
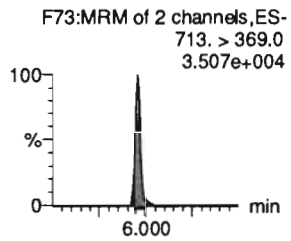
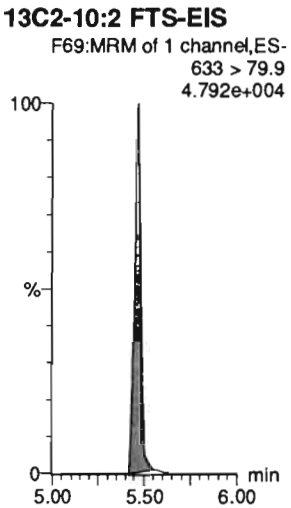
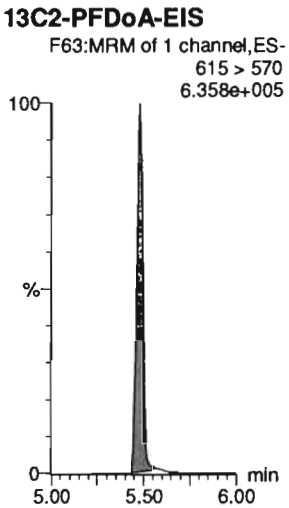




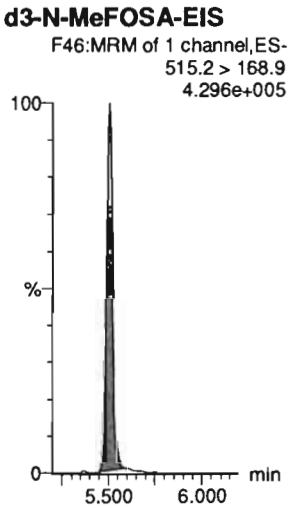
13C2-10:2 FTS-EIS



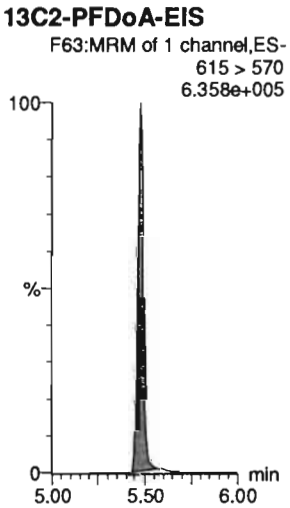
13C2-PFDoA-EIS



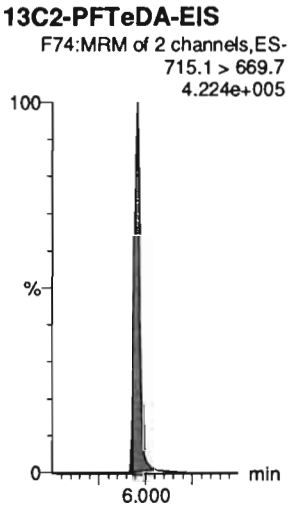
d3-N-MeFOSA-EIS



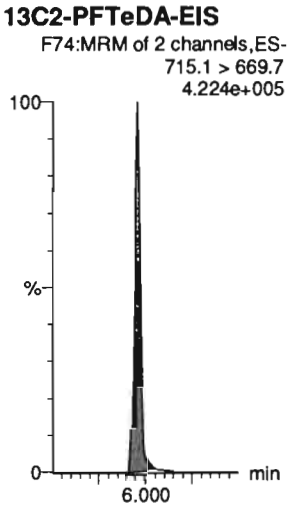
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



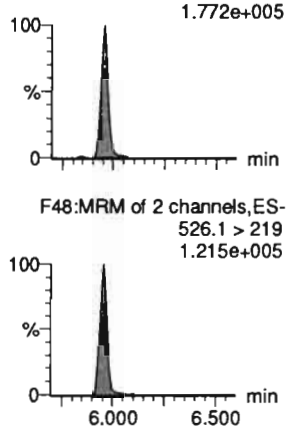
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

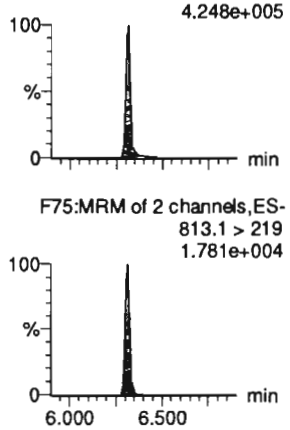
Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

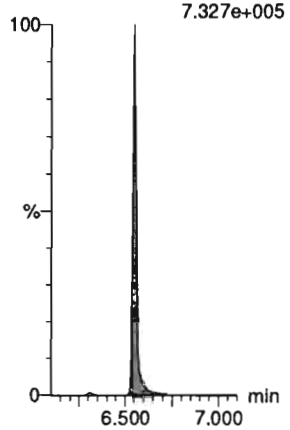
N-EtFOSA



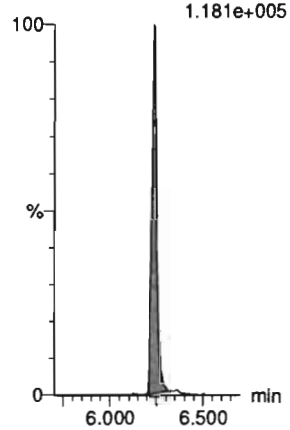
PFHxDA



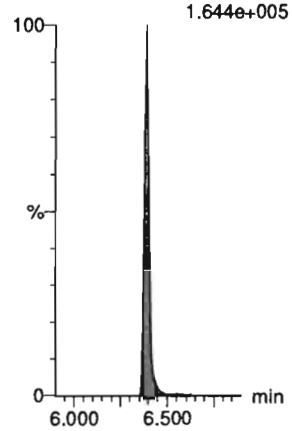
PFODA



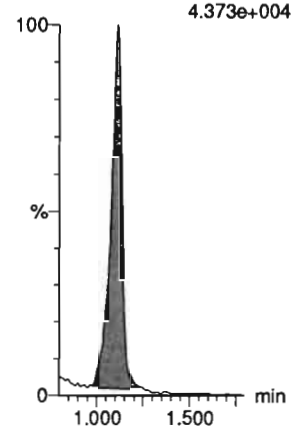
N-MeFOSE



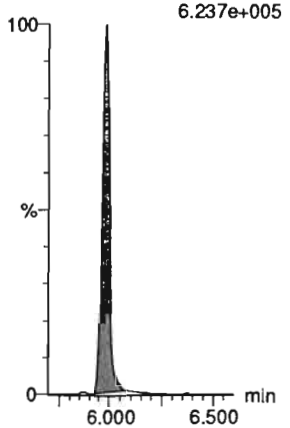
N-EtFOSE



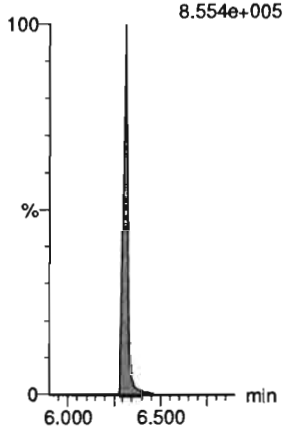
13C3-PFBA-RSD



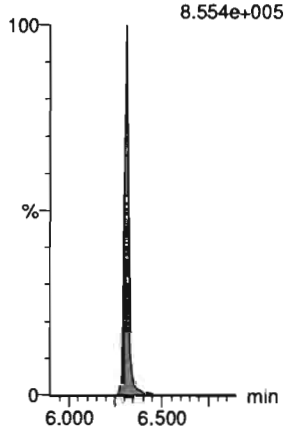
d5-N-ETFOSA-EIS



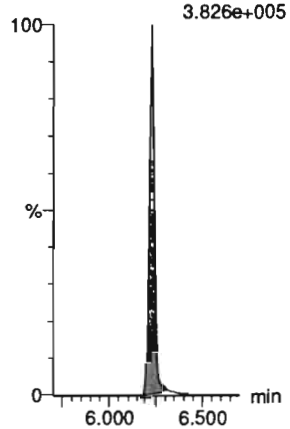
13C2-PFHxDA-EIS



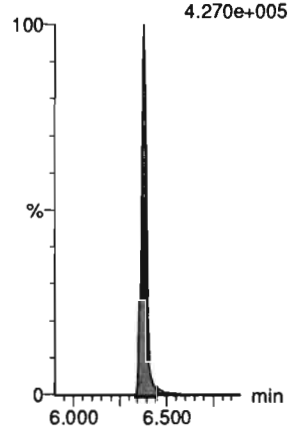
13C2-PFHxDA-EIS



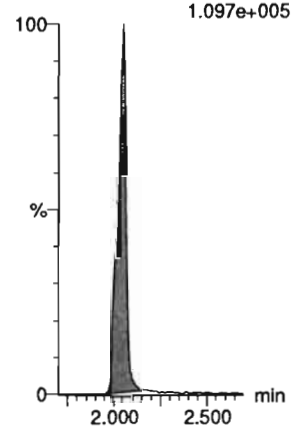
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



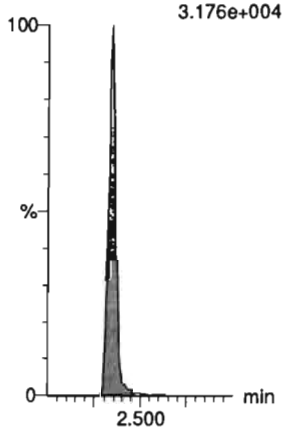
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

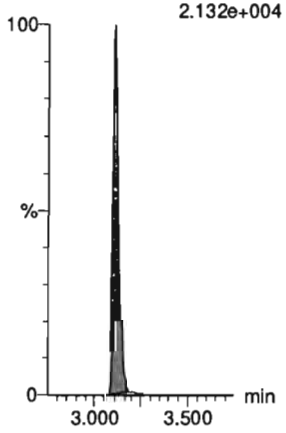
Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

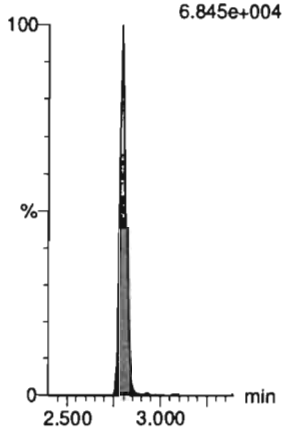
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.176e+004



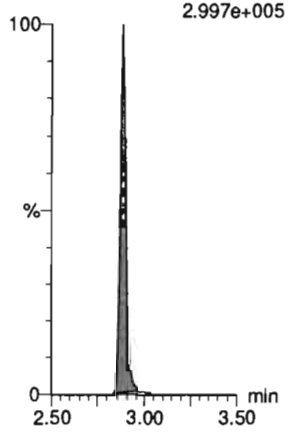
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.132e+004



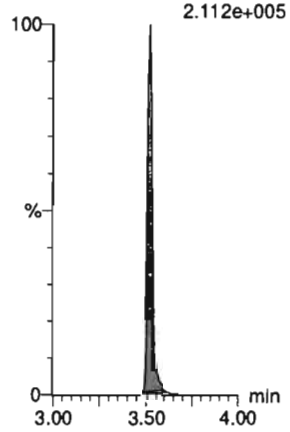
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.845e+004



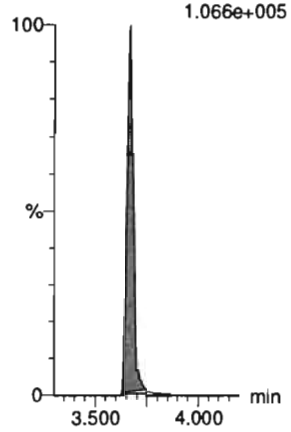
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.997e+005



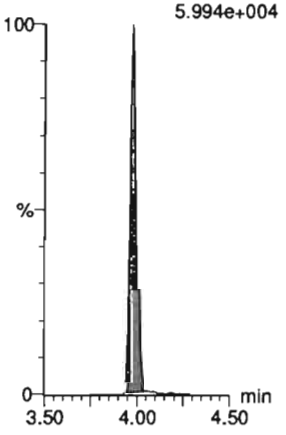
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.112e+005



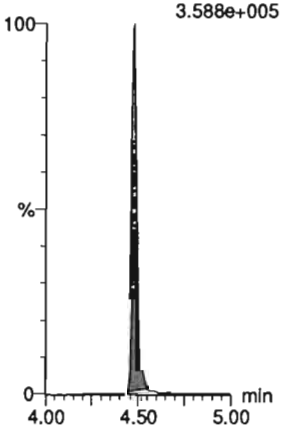
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.066e+005



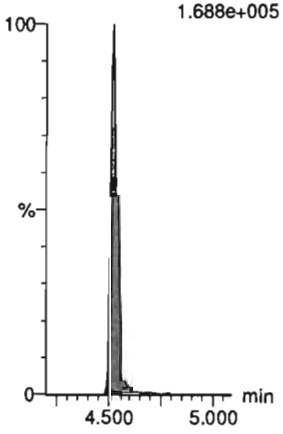
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.994e+004



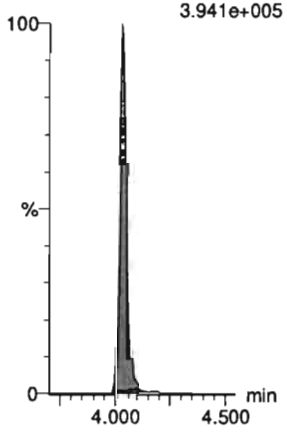
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.588e+005



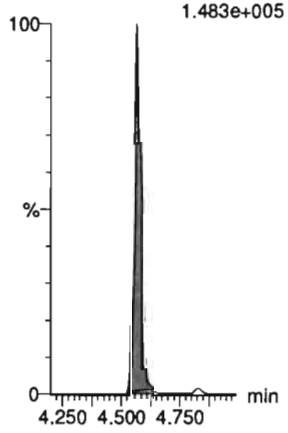
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.688e+005



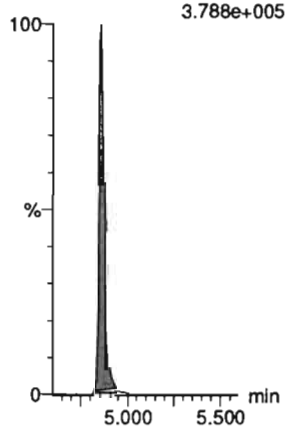
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.941e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.483e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.788e+005



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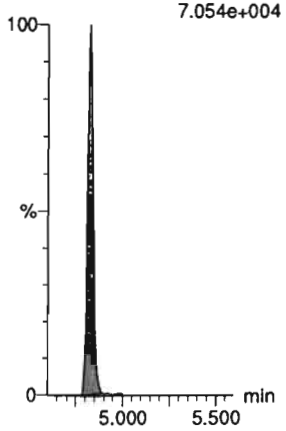
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

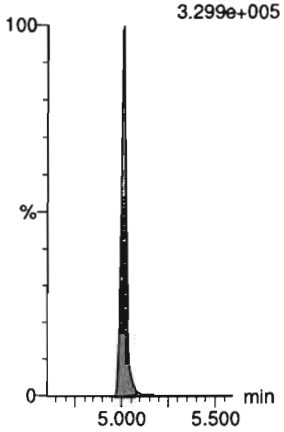
Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

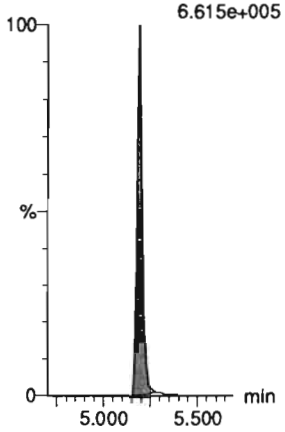
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
7.054e+004



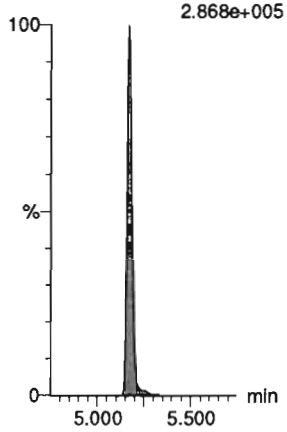
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.299e+005



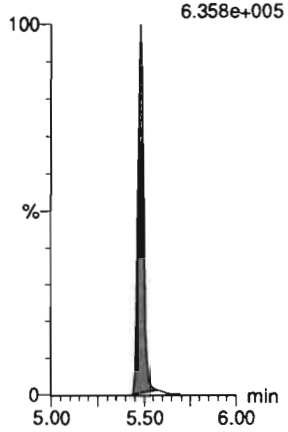
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
6.615e+005



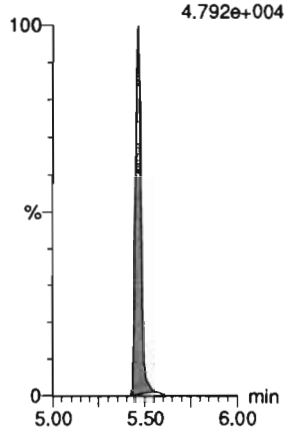
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.868e+005



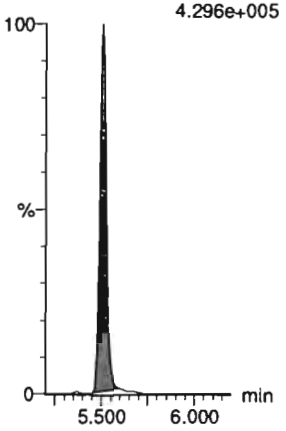
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.358e+005



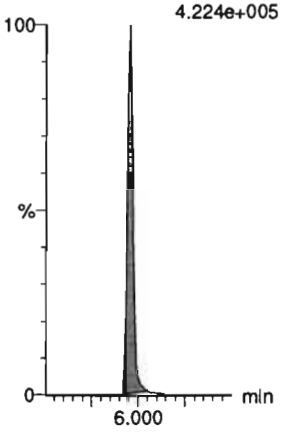
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.792e+004



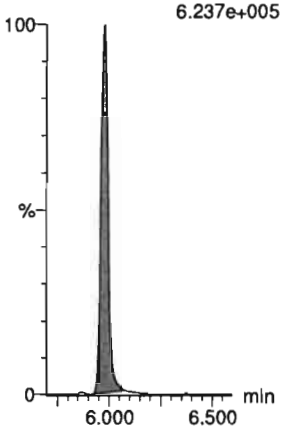
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
4.296e+005



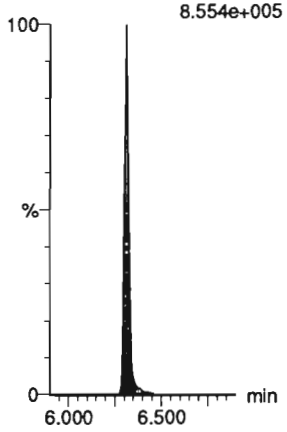
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.224e+005



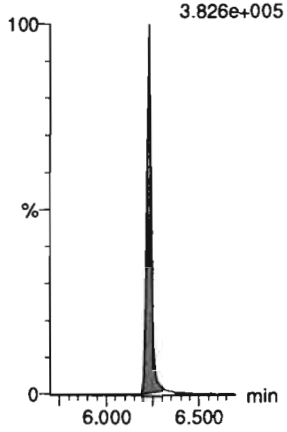
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
6.237e+005



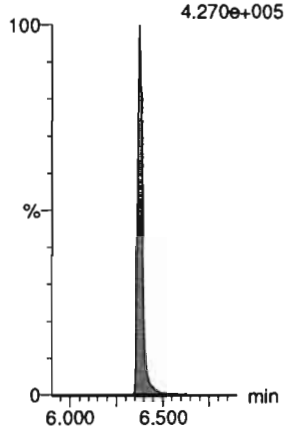
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
8.554e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.826e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.270e+005



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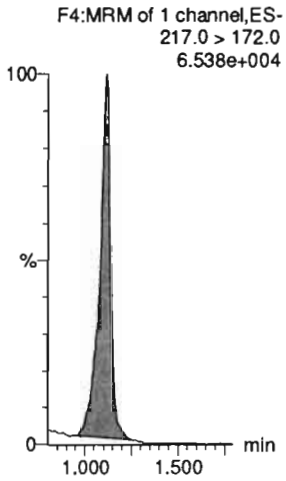
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-56.qld

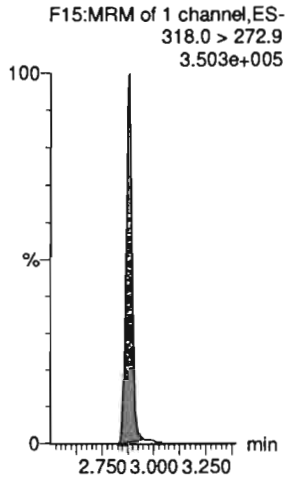
Last Altered: Wednesday, June 24, 2020 12:13:42 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:13:53 Pacific Daylight Time

Name: 200623M1_56, Date: 23-Jun-2020, Time: 21:51:44, ID: ST200623M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

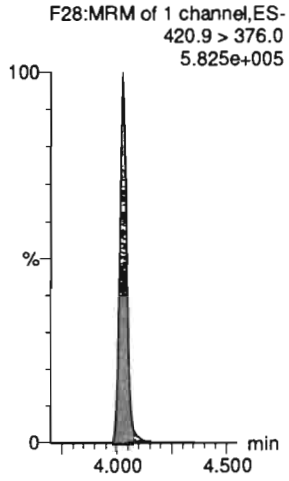
13C4-PFBA



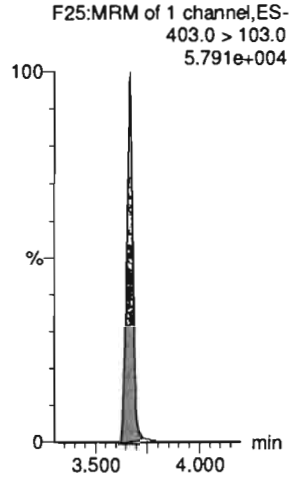
13C5-PFHxA



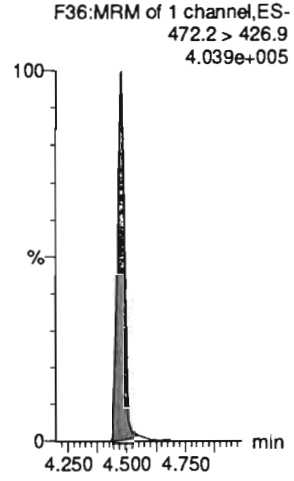
13C8-PFOA



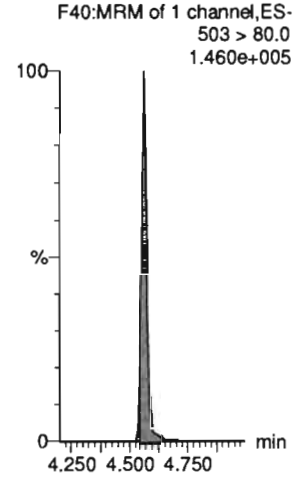
18O2-PFHxS



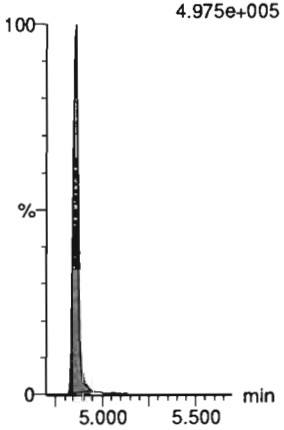
13C9-PFNA



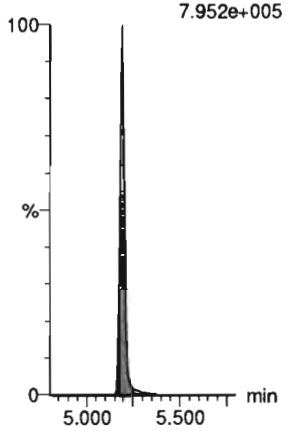
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

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Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	3267.947	2940.609	1.00	1.12	13.891	10.000	9.17	91.7	NO		
2	2	PFPrS	248.9 > 79.9	1514.556	1496.518	1.00	1.44	12.651	10.000	8.46	84.6	NO	2.336	NO
3	3	3:3 FTCA	241.1 > 177.0	326.121	6264.656	1.00	1.91	0.651	10.000	12.3	122.6	NO	2.281	NO
4	4	PFPeA	263.1 > 218.9	4525.652	6264.656	1.00	2.06	9.030	10.000	9.71	97.1	NO		
5	5	PFBS	299.0 > 79.7	2657.678	1496.518	1.00	2.35	22.199	10.000	10.9	108.8	NO	2.805	NO
6	6	4:2 FTS	327.0 > 306.9	5001.485	2459.201	1.00	2.80	25.422	10.000	9.85	98.5	NO	1.815	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2940.609		1.00	1.11	2940.609	12.500	13.9	111.2	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1496.518		1.00	2.35	1496.518	12.500	12.6	100.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	6264.656		1.00	2.06	6264.656	12.500	14.6	116.5	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	6264.656		1.00	2.06	6264.656	12.500	14.6	116.5	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1496.518		1.00	2.35	1496.518	12.500	12.6	100.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2459.201		1.00	2.80	2459.201	12.500	11.8	94.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9927.110	10693.138	1.00	2.88	11.605	10.000	10.2	102.4	NO	16.954	NO
15	8	PFPeS	349.0 > 80.0	2923.174	1496.518	1.00	3.10	24.416	10.000	10.5	104.6	NO	1.650	NO
16	9	HFPO-DA	285.1 > 168.9	619.352	901.162	1.00	3.11	8.591	10.000	8.86	88.6	NO	2.464	NO
17	10	5:3 FTCA	340.9 > 236.9	1892.048	7013.807	1.00	3.46	3.372	10.000	13.0	129.6	NO	1.500	NO
18	11	PFHpA	363.0 > 318.9	6611.548	7013.807	1.00	3.52	11.783	10.000	9.57	95.7	NO	10.565	NO
19	12	ADONA	376.8 > 250.9	25552.977	7013.807	1.00	3.63	45.540	10.000	9.38	93.8	NO	3.327	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10693.138		1.00	2.88	10693.138	12.500	13.2	105.5	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1496.518		1.00	2.35	1496.518	12.500	12.6	100.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	901.162		1.00	3.11	901.162	12.500	14.1	112.4	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	7013.807		1.00	3.52	7013.807	12.500	13.0	104.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	7013.807		1.00	3.52	7013.807	12.500	13.0	104.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	7013.807		1.00	3.52	7013.807	12.500	13.0	104.2	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	3245.019	4000.739	1.00	3.67	10.139	10.000	10.9	109.1	NO	1.677	NO
28	15	6:2 FTS	427 > 407.0	4537.831	2048.358	1.00	3.98	27.692	10.000	9.53	95.3	NO	1.996	NO
29	16	L-PFOA	412.8 > 368.9	16345.318	14660.342	1.00	4.03	13.937	10.000	9.54	95.4	NO	3.526	NO
30	18	PFecHS	460.8 > 381.0	5345.299	14660.342	1.00	4.05	4.558	10.000	8.64	86.4	NO	0.881	NO
31	19	PFHpS	448.9 > 80.0	3131.479	4434.624	1.00	4.15	8.827	10.000	9.48	94.8	NO	1.998	NO
32	20	7:3 FTCA	441.0 > 337.0	3570.752	13854.709	1.00	4.46	3.222	10.000	13.0	129.8	NO	1.435	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	4000.739		1.00	3.67	4000.739	12.500	13.4	107.5	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2048.358		1.00	3.98	2048.358	12.500	10.8	86.5	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	14660.342		1.00	4.03	14660.342	12.500	13.9	111.5	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	14660.342		1.00	4.03	14660.342	12.500	13.9	111.5	NO		

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Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71 13C8-PFOS-EIS	507.0 > 80	4434.624		1.00	4.57	4434.624	12.500	13.7	109.7	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	13854.709		1.00	4.48	13854.709	12.500	13.5	108.2	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	13736.944	13854.709	1.00	4.48	12.394	10.000	9.88	98.8	NO	4.150	NO
41	22 PFOSA	498.0 > 78.0	4278.159	5422.691	1.00	4.53	9.862	10.000	10.4	103.7	NO	28.618	NO
42	23 L-PFOS	499 > 80	3665.699	4434.624	1.00	4.57	10.333	10.000	10.2	102.0	NO	1.911	NO
43	25 9Cl-PF30NS	531 > 351.0	11670.965	4434.624	1.00	4.79	32.897	10.000	8.51	85.1	NO	21.031	NO
44	26 PFDA	513 > 468.8	16186.381	13892.332	1.00	4.86	14.564	10.000	9.40	94.0	NO	5.489	NO
45	27 8:2 FTS	526.9 > 507.0	4675.147	2614.925	1.00	4.83	22.348	10.000	9.74	97.4	NO	1.745	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	13854.709		1.00	4.48	13854.709	12.500	13.5	108.2	NO		
47	67 13C8-PFOSA-EIS	506. > 78	5422.691		1.00	4.52	5422.691	12.500	16.6	132.5	NO		
48	71 13C8-PFOS-EIS	507.0 > 80	4434.624		1.00	4.57	4434.624	12.500	13.7	109.7	NO		
49	71 13C8-PFOS-EIS	507.0 > 80	4434.624		1.00	4.57	4434.624	12.500	13.7	109.7	NO		
50	73 13C2-PFDA-EIS	515.1 > 469.9	13892.332		1.00	4.86	13892.332	12.500	13.7	109.5	NO		
51	75 13C2-8:2 FTS-EIS	528.9 > 79.9	2614.925		1.00	4.83	2614.925	12.500	12.3	98.0	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3805.541	4434.624	1.00	4.93	10.727	10.000	9.72	97.2	NO	1.643	NO
54	29 L-MeFOSAA	570 > 419	7594.977	10826.735	1.00	5.01	8.769	10.000	9.00	90.0	NO	2.848	NO
55	31 L-EtFOSAA	583.9 > 419	6351.933	9861.227	1.00	5.18	8.052	10.000	7.96	79.6	NO	1.237	NO
56	33 PFUdA	563.0 > 518.9	14855.673	21342.328	1.00	5.19	8.701	10.000	9.81	98.1	NO	8.507	NO
57	34 PFDS	599.0 > 80.0	3033.620	4434.624	1.00	5.24	8.551	10.000	9.39	93.9	NO	1.437	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	11561.930	24767.309	1.00	5.41	5.835	10.000	9.96	99.6	NO	38.811	NO
59	71 13C8-PFOS-EIS	507.0 > 80	4434.624		1.00	4.57	4434.624	12.500	13.7	109.7	NO		
60	77 d3-N-MeFOSAA-EIS	573. > 419	10826.735		1.00	5.01	10826.735	12.500	11.3	90.3	NO		
61	81 d5-N-EtFOSAA-EIS	589. > 419	9861.227		1.00	5.17	9861.227	12.500	11.8	94.6	NO		
62	79 13C2-PFUdA-EIS	565 > 519.8	21342.328		1.00	5.19	21342.328	12.500	14.0	111.9	NO		
63	71 13C8-PFOS-EIS	507.0 > 80	4434.624		1.00	4.57	4434.624	12.500	13.7	109.7	NO		
64	83 13C2-PFDoA-EIS	615 > 570	24767.309		1.00	5.48	24767.309	12.500	12.8	102.3	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	4811.315	1940.708	1.00	5.47	30.989	10.000	11.4	113.8	NO	1.556	NO
67	37 PFDoA	612.9 > 569.0	19247.410	24767.309	1.00	5.48	9.714	10.000	9.89	98.9	NO	8.890	NO
68	38 N-MeFOSA	512.1 > 168.9	6517.477	17930.090	1.00	5.48	54.233	50.000	53.1	106.2	NO	1.408	NO
69	39 PFTrDA	662.9 > 618.9	18487.008	24767.309	1.00	5.74	9.330	10.000	10.2	102.2	NO	8.916	NO
70	40 PFDoS	698.9 > 80	3696.918	15415.351	1.00	5.76	2.998	10.000	9.77	97.7	NO	1.758	NO
71	41 PFTeDA	713.0 > 669.0	18809.402	15415.351	1.00	5.96	15.252	10.000	9.69	96.9	NO	13.635	NO
72	85 13C2-10:2 FTS-EIS	633 > 79.9	1940.708		1.00	5.46	1940.708	12.500	12.4	99.0	NO		

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Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	615 > 570	24767.309		1.00	5.48	24767.309	12.500	12.8	102.3	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	17930.090		1.00	5.51	17930.090	149.200	200	134.4	NO		
75	83 13C2-PFDoA-EIS	615 > 570	24767.309		1.00	5.48	24767.309	12.500	12.8	102.3	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	15415.351		1.00	5.96	15415.351	12.500	12.5	100.3	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	15415.351		1.00	5.96	15415.351	12.500	12.5	100.3	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	7503.375	25727.266	1.00	5.96	43.514	50.000	49.4	98.8	NO	1.499	NO
80	43 PFHxDA	813.1 > 768.6	12489.009	24751.195	1.00	6.31	6.307	10.000	10.4	104.4	NO	23.680	NO
81	44 PFODA	913.1 > 868.8	19071.883	24751.195	1.00	6.55	9.632	10.000	9.68	96.8	NO		
82	45 N-MeFOSE	616.1 > 58.9	4025.541	12160.889	1.00	6.24	49.389	50.000	49.5	99.0	NO		
83	46 N-EtFOSE	630.1 > 58.9	4985.793	14721.630	1.00	6.39	50.530	50.000	48.1	96.3	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	2982.816	4261.859	1.00	1.11	8.749	12.500	13.5	107.8	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	25727.266		1.00	5.98	25727.266	149.200	177	118.7	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	24751.195		1.00	6.31	24751.195	12.500	13.5	108.0	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	24751.195		1.00	6.31	24751.195	12.500	13.5	108.0	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	12160.889		1.00	6.23	12160.889	149.200	212	141.9	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	14721.630		1.00	6.38	14721.630	149.200	219	146.5	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	6253.398	13183.318	1.00	2.06	5.929	12.500	13.1	104.9	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1496.518	2206.174	1.00	2.35	8.479	12.500	11.1	88.6	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	901.346	13183.318	1.00	3.11	0.855	12.500	13.1	104.6	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	2459.201	2206.174	1.00	2.80	13.934	12.500	11.4	91.2	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	10693.138	13183.318	1.00	2.88	10.139	12.500	12.0	95.9	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	7013.807	13183.318	1.00	3.52	6.650	12.500	12.3	98.3	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	4004.326	2206.174	1.00	3.67	22.688	12.500	12.4	99.3	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	2048.358	4624.312	1.00	3.98	5.537	12.500	10.7	85.5	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	13783.234	14433.657	1.00	4.48	11.937	12.500	13.1	104.6	NO		
100	68 13C8-PFOSA-RSD	506. > 78	5422.691	24453.787	1.00	4.52	2.772	12.500	15.7	125.5	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	14660.342	20927.164	1.00	4.03	8.757	12.500	13.5	108.0	NO		
102	72 13C8-PFOS-RSD	507.0 > 80	4434.624	4624.312	1.00	4.57	11.987	12.500	12.4	99.4	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	13892.332	19528.684	1.00	4.86	8.892	12.500	12.5	99.8	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	528.9 > 79.9	2614.925	4624.312	1.00	4.83	7.068	12.500	11.8	94.3	NO		
106	78 d3-N-MeFOSAA-RSD	573. > 419	10826.735	24453.787	1.00	5.01	5.534	12.500	11.3	90.3	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	21342.328	24453.787	1.00	5.19	10.910	12.500	12.9	103.3	NO		
108	82 d5-N-EtFOSAA-RSD	589. > 419	9867.566	24453.787	1.00	5.17	5.044	12.500	11.6	92.6	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

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Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84 13C2-PFDoA-RSD	615 > 570	24767.309	19528.684	1.00	5.48	15.853	12.500	12.3	98.6	NO		
110	86 13C2-10:2 FTS-RSD	633 > 79.9	1926.678	4624.312	1.00	5.46	5.208	12.500	11.5	92.1	NO		
111	88 d3-N-MeFOSA-RSD	515.2 > 168.9	17930.090	24453.787	1.00	5.51	9.165	149.200	185	124.0	NO		
112	90 13C2-PFTeDA-RSD	715.1 > 669.7	15415.351	24453.787	1.00	5.96	7.880	12.500	12.8	102.1	NO		
113	92 d5-N-ETFOSA-RSD	531.1 > 168.9	25727.266	24453.787	1.00	5.98	13.151	149.200	169	113.1	NO		
114	94 13C2-PFHxDA-RSD	815 > 769.7	25239.297	24453.787	1.00	6.31	12.902	12.500	13.3	106.0	NO		
115	96 d7-N-MeFOSE-RSD	623.1 > 58.9	12248.813	24453.787	1.00	6.23	6.261	149.200	193	129.5	NO		
116	98 d9-N-EtFOSE-RSD	639.2 > 58.8	14742.668	24453.787	1.00	6.38	7.536	149.200	207	138.7	NO		
117	-1												
118	99 13C4-PFBA	217.0 > 172.0	4261.859	4261.859	1.00	1.12	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	13183.318	13183.318	1.00	2.88	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	20927.164	20927.164	1.00	4.03	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	2206.174	2206.174	1.00	3.67	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	14433.657	14433.657	1.00	4.48	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	4624.312	4624.312	1.00	4.57	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	19528.684	19528.684	1.00	4.86	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	24453.787	24453.787	1.00	5.19	12.500	12.500	12.5	100.0	NO		

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200623M1_1	Tester	23-Jun-20	12:03:27
2	2 200623M1_2	IPA	23-Jun-20	12:13:53
3	3 200623M1_3	IPA	23-Jun-20	12:24:18
4	4 200623M1_4	ST200623M1-1 PFC CS-2 20F1901	23-Jun-20	12:34:44
5	5 200623M1_5	ST200623M1-2 PFC CS-1 20F1902	23-Jun-20	12:45:06
6	6 200623M1_6	ST200623M1-3 PFC CS0 20F1903	23-Jun-20	12:55:28
7	7 200623M1_7	ST200623M1-4 PFC CS1 20F1904	23-Jun-20	13:05:51
8	8 200623M1_8	ST200623M1-5 PFC CS2 20F1905	23-Jun-20	13:16:13
9	9 200623M1_9	ST200623M1-6 PFC CS3 20F1906	23-Jun-20	13:26:35
10	10 200623M1_10	ST200623M1-7 PFC CS4 20F1907	23-Jun-20	13:36:57
11	11 200623M1_11	ST200623M1-8 PFC CS5 20F1908	23-Jun-20	13:47:22
12	12 200623M1_12	ST200623M1-9 PFC CS6 20F1909	23-Jun-20	13:57:46
13	13 200623M1_13	ST200623M1-10 PFC CS7 20F1910	23-Jun-20	14:08:11
14	14 200623M1_14	IB	23-Jun-20	14:18:36
15	15 200623M1_15	ICV200623M1-1 PFC ICV 20F1911	23-Jun-20	14:28:58
16	16 200623M1_16	IB	23-Jun-20	14:39:20
17	17 200623M1_17	2001183-05@10X MW-7 0.24792	23-Jun-20	14:54:58
18	18 200623M1_18	2001253-03@5X A4-MW4D-R1 0.25513	23-Jun-20	15:05:19
19	19 200623M1_19	2001245-14@5X NASB-CB-637-0620 0.11601	23-Jun-20	15:24:19
20	20 200623M1_20	2001245-16 NASB-CB-633-0620 0.10937	23-Jun-20	15:34:44
21	21 200623M1_21	B0F0068-MS1@5X Matrix Spike 0.24659	23-Jun-20	15:45:09
22	22 200623M1_22	B0F0068-MSD1@5X Matrix Spike Dup 0.24517	23-Jun-20	15:55:34
23	23 200623M1_23	2001221-08@5X WM 0.24614	23-Jun-20	16:05:59
24	24 200623M1_24	2001221-09@5X WM Dup 0.24874	23-Jun-20	16:16:21
25	25 200623M1_25	2001183-04@20X MW-3 0.24054	23-Jun-20	16:26:43
26	26 200623M1_26	B0F0160-BLK1 Method Blank 0.125	23-Jun-20	16:37:05
27	27 200623M1_27	B0F0160-BS1 OPR 0.125	23-Jun-20	16:47:27
28	28 200623M1_28	B0F0160-BSD1 LCSD 0.125	23-Jun-20	16:57:50
29	29 200623M1_29	2001284-01 MW-3PFAS 0.11436	23-Jun-20	17:08:12
30	30 200623M1_30	B0F0138-BLK1 Method Blank 0.25	23-Jun-20	17:18:34
31	31 200623M1_31	B0F0138-BS1 OPR 0.25	23-Jun-20	17:28:57
32	32 200623M1_32	2001257-07 EB-AOI3-SB-03-200609 0.25222	23-Jun-20	17:42:15

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	# Name	ID	Acq.Date	Acq.Time
33	33 200623M1_33	2001257-14 EB-AOI3-SW-02-200610 0.25675	23-Jun-20	17:52:40
34	34 200623M1_34	2001257-15 DUP-AOI3-SW-03-200610 0.2541	23-Jun-20	18:03:05
35	35 200623M1_35	2001257-09 AOI3SW20131-200610 0.24746	23-Jun-20	18:13:30
36	36 200623M1_36	IB	23-Jun-20	18:23:55
37	37 200623M1_37	ST200623M1-11 PFC CS3 20F1906	23-Jun-20	18:34:20
38	38 200623M1_38	IB	23-Jun-20	18:44:45
39	39 200623M1_39	2001257-10 AOI3SW20132-200610 0.24906	23-Jun-20	18:55:09
40	40 200623M1_40	2001257-11 AOI3SW20133-200610 0.24358	23-Jun-20	19:05:34
41	41 200623M1_41	2001257-12 AOI3SW20134-200610 0.2531	23-Jun-20	19:15:59
42	42 200623M1_42	2001257-13 AOI3SW20135-200610 0.24937	23-Jun-20	19:26:23
43	43 200623M1_43	B0F0146-BLK1 Method Blank 0.25	23-Jun-20	19:36:49
44	44 200623M1_44	B0F0146-BS1 OPR 0.25	23-Jun-20	19:47:11
45	45 200623M1_45	B0F0146-MS1 Matrix Spike 0.11285	23-Jun-20	19:57:33
46	46 200623M1_46	B0F0146-MS2 Matrix Spike 0.11173	23-Jun-20	20:07:55
47	47 200623M1_47	B0F0146-MSD1 Matrix Spike Dup 0.11043	23-Jun-20	20:18:17
48	48 200623M1_48	B0F0146-MSD2 Matrix Spike Dup 0.10742	23-Jun-20	20:28:40
49	49 200623M1_49	2001272-01 GW-MW-8 0.10622	23-Jun-20	20:39:02
50	50 200623M1_50	2001272-02 GW-AE-3A 0.10904	23-Jun-20	20:49:24
51	51 200623M1_51	2001272-03 GW-AE-3A-DUP 0.10904	23-Jun-20	20:59:50
52	52 200623M1_52	2001272-04 GW-FPC-7A 0.1112	23-Jun-20	21:10:15
53	53 200623M1_53	2001272-05 GW-FPC-7B 0.11777	23-Jun-20	21:20:37
54	54 200623M1_54	2001272-06 GW-AE-2A 0.10826	23-Jun-20	21:31:00
55	55 200623M1_55	IB	23-Jun-20	21:41:21
56	56 200623M1_56	ST200623M1-12 PFC CS3 20F1906	23-Jun-20	21:51:44
57	57 200623M1_57	IB	23-Jun-20	22:02:06
58	58 200623M1_58	2001272-07 GW-AE-2B 0.23727	23-Jun-20	22:12:28
59	59 200623M1_59	2001272-08 GW-GZ-105 0.10859	23-Jun-20	22:22:50
60	60 200623M1_60	2001272-09 GW-GZ-105-DUP 0.10609	23-Jun-20	22:33:13
61	61 200623M1_61	2001272-10 GW-FPC-8A 0.11201	23-Jun-20	22:43:35
62	62 200623M1_62	2001272-11 GW-FPC-8B 0.10726	23-Jun-20	22:53:57
63	63 200623M1_63	B0F0159-BLK1 Method Blank 0.25	23-Jun-20	23:04:19
64	64 200623M1_64	B0F0159-BS1 OPR 0.25	23-Jun-20	23:14:42
65	65 200623M1_65	B0F0159-MS1 Matrix Spike 0.24939	23-Jun-20	23:25:04
66	66 200623M1_66	B0F0159-MSD1 Matrix Spike Dup 0.24428	23-Jun-20	23:35:26
67	67 200623M1_67	2001280-01 GW2006090945MK 0.25543	23-Jun-20	23:45:48
68	68 200623M1_68	2001280-02 GW2006090945GSC 0.2548	23-Jun-20	23:56:11

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	# Name	ID	Acq.Date	Acq.Time
69	69 200623M1_69	2001280-03 FB2006091000MK 0.25298	24-Jun-20	00:06:33
70	70 200623M1_70	2001280-04 GW2006091025MK 0.25092	24-Jun-20	00:16:55
71	71 200623M1_71	2001280-05 GW2006091025MK-FD 0.25281	24-Jun-20	00:27:17
72	72 200623M1_72	2001280-06 GW2006091025GSC 0.25683	24-Jun-20	00:37:39
73	73 200623M1_73	IB	24-Jun-20	00:48:02
74	74 200623M1_74	ST200623M1-13 PFC CS3 20F1906	24-Jun-20	00:58:24
75	75 200623M1_75	IB	24-Jun-20	01:08:46
76	76 200623M1_76	2001280-07 GW2006091055GSC 0.25567	24-Jun-20	01:19:08
77	77 200623M1_77	2001280-08 GW2006091120MK 0.25349	24-Jun-20	01:29:30
78	78 200623M1_78	2001280-09 GW2006091120GSC 0.25863	24-Jun-20	01:39:53
79	79 200623M1_79	2001280-10 GW2006091145GSC 0.245	24-Jun-20	01:50:15
80	80 200623M1_80	2001280-11 GW2006091200MK 0.25229	24-Jun-20	02:00:37
81	81 200623M1_81	2001280-12 GW2006091245MK 0.24902	24-Jun-20	02:11:01
82	82 200623M1_82	2001280-13 GW2006091355GSC 0.24436	24-Jun-20	02:21:26
83	83 200623M1_83	2001280-14 GW2006091400MK 0.25243	24-Jun-20	02:31:51
84	84 200623M1_84	2001280-15 GW2006091425GSC 0.25029	24-Jun-20	02:42:16
85	85 200623M1_85	2001280-16 GW2006091435MK 0.26318	24-Jun-20	02:52:38
86	86 200623M1_86	IB	24-Jun-20	03:03:00
87	87 200623M1_87	ST200623M1-14 PFC CS3 20F1906	24-Jun-20	03:13:23
88	88 200623M1_88	IB	24-Jun-20	03:23:45
89	89 200623M1_89	2001280-17 GW2006091455GSC 0.25274	24-Jun-20	03:34:07
90	90 200623M1_90	2001280-18 GW2006091505MK 0.25926	24-Jun-20	03:44:30
91	91 200623M1_91	2001280-19 GW2006091545GSC 0.24802	24-Jun-20	03:54:52
92	92 200623M1_92	2001280-20 GW2006091555MK 0.2546	24-Jun-20	04:05:14
93	93 200623M1_93	B0F0164-BLK1 Method Blank 0.25	24-Jun-20	04:15:36
94	94 200623M1_94	B0F0164-BS1 OPR 0.25	24-Jun-20	04:25:58
95	95 200623M1_95	B0F0164-MS1 Matrix Spike 0.25438	24-Jun-20	04:36:21
96	96 200623M1_96	B0F0164-MSD1 Matrix Spike Dup 0.25885	24-Jun-20	04:46:43
97	97 200623M1_97	2001286-01 GW2006101325GSC 0.25041	24-Jun-20	04:57:05
98	98 200623M1_98	2001286-02 GW2006101405GSC 0.25248	24-Jun-20	05:07:28
99	99 200623M1_99	2001286-03 GW2006101420MK 0.24548	24-Jun-20	05:17:50
100	100 200623M1_100	2001286-04 GW2006101435GSC 0.24776	24-Jun-20	05:28:12
101	101 200623M1_101	2001286-05 GW2006101500GSC 0.25811	24-Jun-20	05:38:34
102	102 200623M1_102	2001286-06 GW2006101515MK 0.25305	24-Jun-20	05:48:57
103	103 200623M1_103	IB	24-Jun-20	05:59:19
104	104 200623M1_104	ST200623M1-15 PFC CS3 20F1906	24-Jun-20	06:09:41

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	# Name	ID	Acq.Date	Acq.Time
105	105 200623M1_105	IB	24-Jun-20	06:20:03
106	106 200623M1_106	2001286-07 FB2006101530MK 0.2525	24-Jun-20	06:30:25
107	107 200623M1_107	2001286-08 GW2006101550GSC 0.24527	24-Jun-20	06:40:48
108	108 200623M1_108	2001286-09 GW2006101555MK 0.25275	24-Jun-20	06:51:10
109	109 200623M1_109	2001286-10 GW2006101555MK-FD 0.25459	24-Jun-20	07:01:32
110	110 200623M1_110	2001286-11 GW2006101635MK 0.24974	24-Jun-20	07:11:55
111	111 200623M1_111	2001286-12 GW2006101630GSC 0.24974	24-Jun-20	07:22:17
112	112 200623M1_112	2001286-13 GW2006101700GSC 0.25471	24-Jun-20	07:32:39
113	113 200623M1_113	2001286-14 GW2006101715MK 0.25789	24-Jun-20	07:43:01
114	114 200623M1_114	2001286-15 GW2006101730GSC 0.24825	24-Jun-20	07:53:24
115	115 200623M1_115	2001286-16 GW2006101800GSC 0.25116	24-Jun-20	08:03:48
116	116 200623M1_116	2001286-17 GW2006101810MK 0.24781	24-Jun-20	08:14:13
117	117 200623M1_117	IB	24-Jun-20	08:24:39
118	118 200623M1_118	ST200623M1-16 PFC CS3 20F1906	24-Jun-20	08:35:04
119	119 200623M1_119	IB	24-Jun-20	08:45:29
120	120 200623M1_120	2001286-18 GW2006101850MK 0.25562	24-Jun-20	08:55:53
121	121 200623M1_121	2001286-19 GW2006101920MK 0.24285	24-Jun-20	09:06:18
122	122 200623M1_122	2001191-08@5X V1 0.2349	24-Jun-20	09:16:42
123	123 200623M1_123	IB	24-Jun-20	09:27:07
124	124 200623M1_124	ST200623M1-17 PFC CS3 20F1906	24-Jun-20	09:37:32
125	125 200623M1_125	IB	24-Jun-20	09:47:57

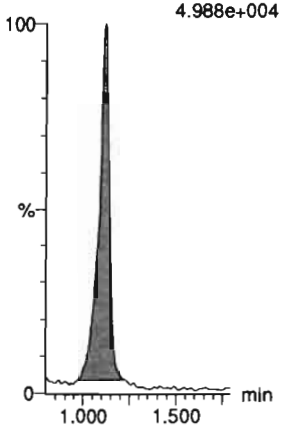
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

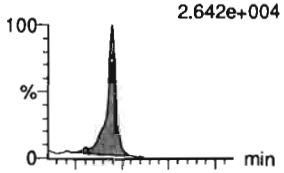
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

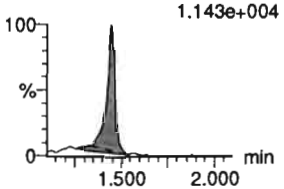
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
4.988e+004



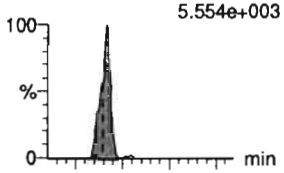
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.642e+004



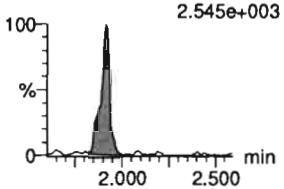
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.143e+004



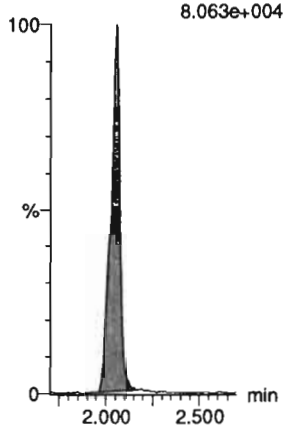
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
5.554e+003



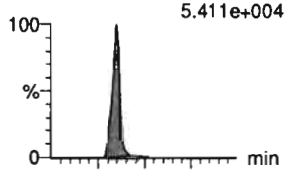
F5:MRM of 2 channels,ES-
241.1 > 117.0
2.545e+003



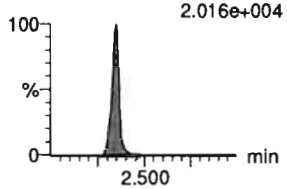
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
8.063e+004



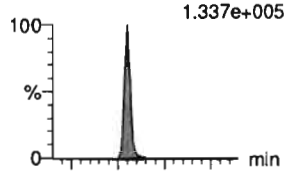
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
5.411e+004



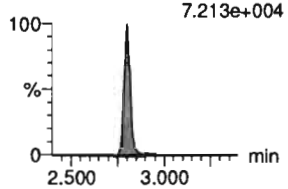
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.016e+004



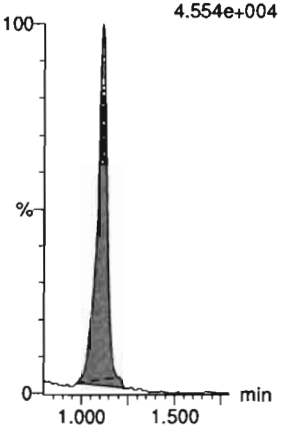
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.337e+005



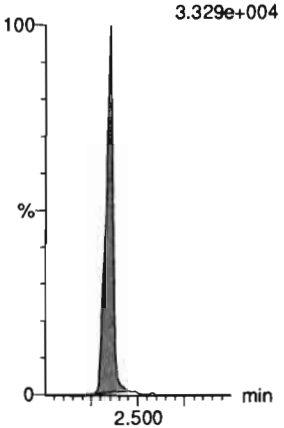
F16:MRM of 2 channels,ES-
327.0 > 80.9
7.213e+004



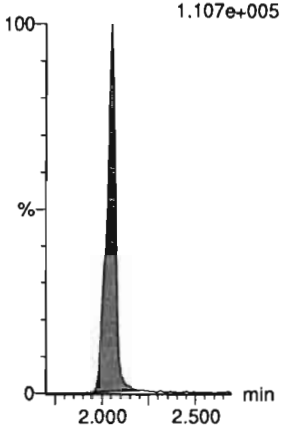
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
4.554e+004



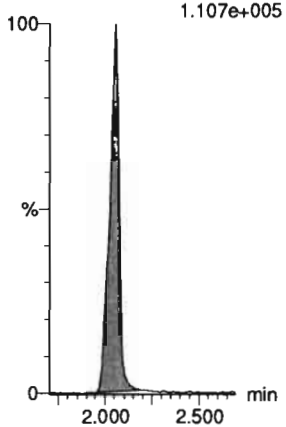
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.329e+004



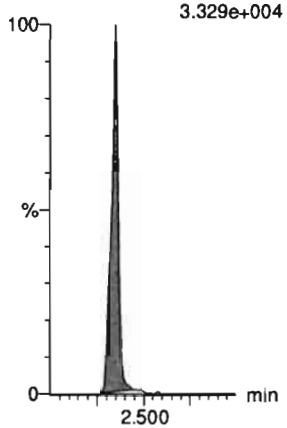
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.107e+005



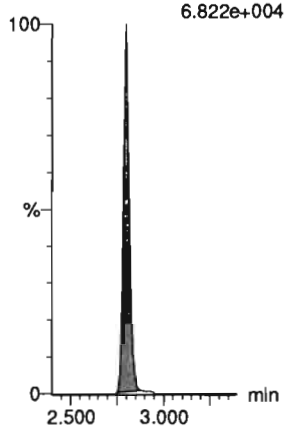
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.107e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.329e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.822e+004



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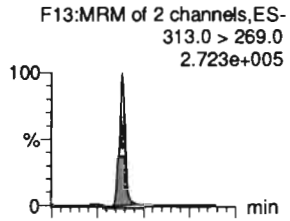
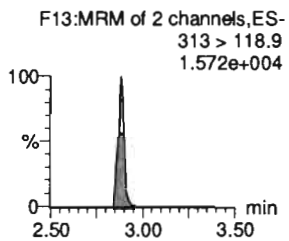
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

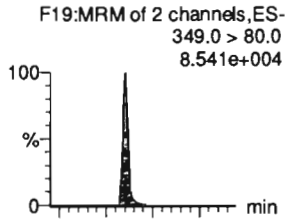
Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

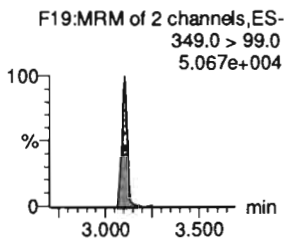
PFHxA



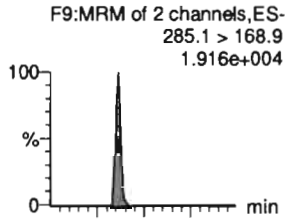


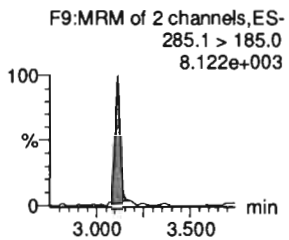
PFPeS



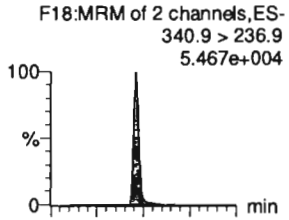


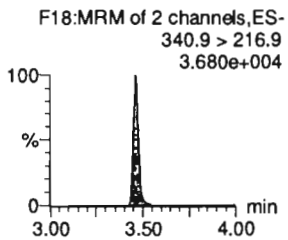
HFPO-DA



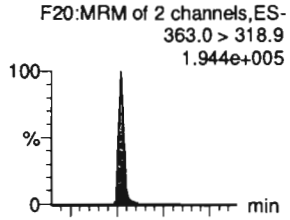


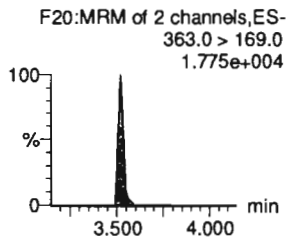
5:3 FTCA



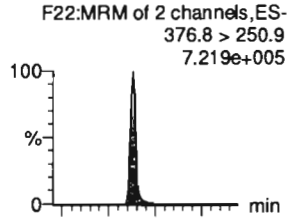


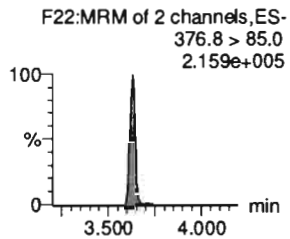
PFHpA



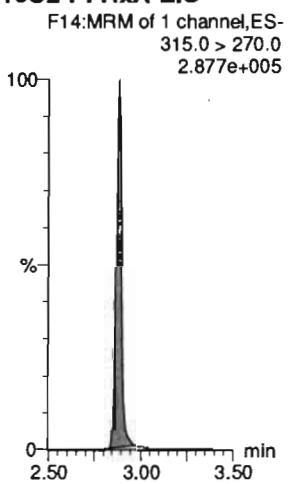


ADONA

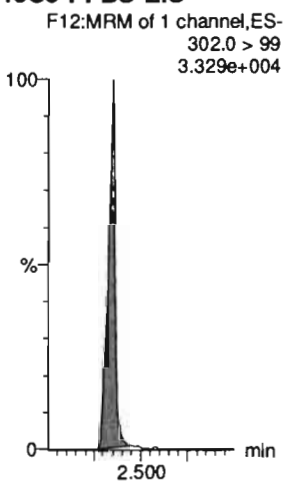




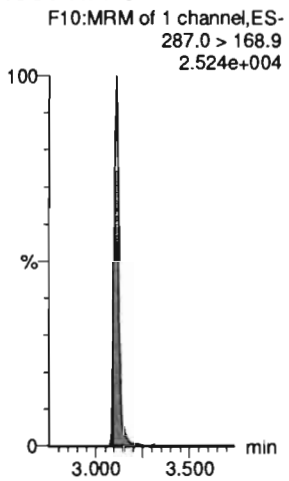
13C2-PFHxA-EIS



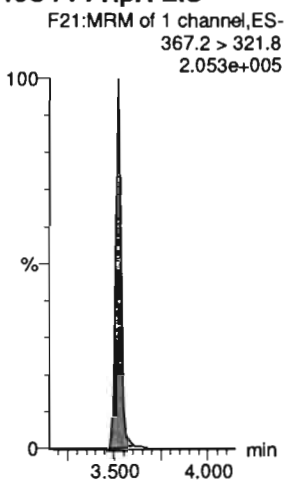
13C3-PFBS-EIS



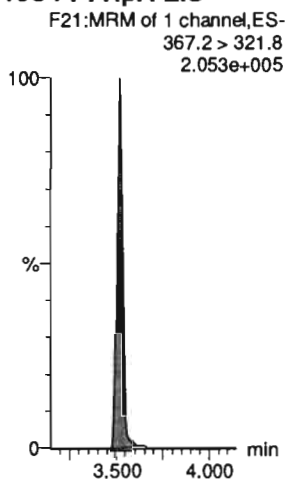
13C3-HFPO-DA-EIS



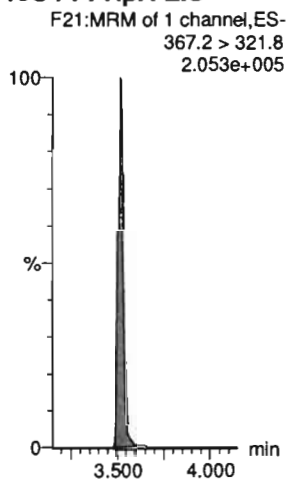
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



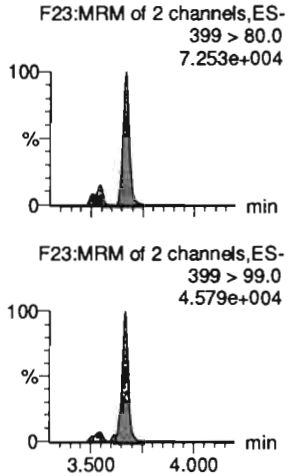
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

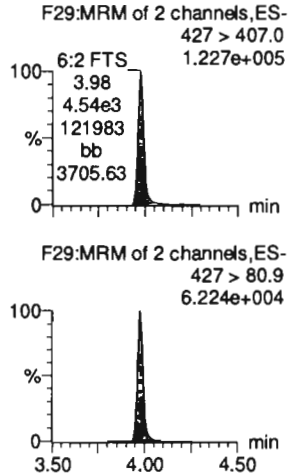
Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

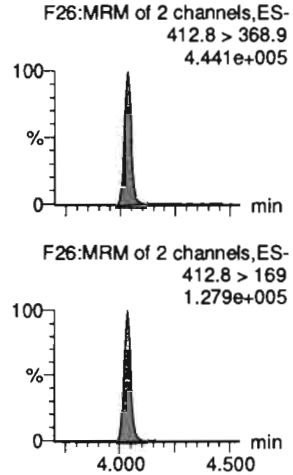
L-PFHxS



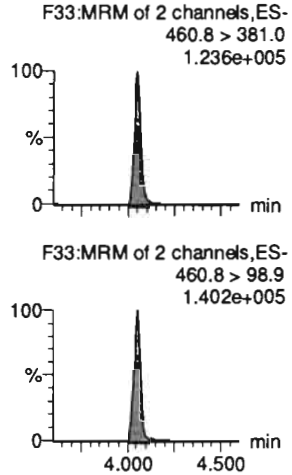
6:2 FTS



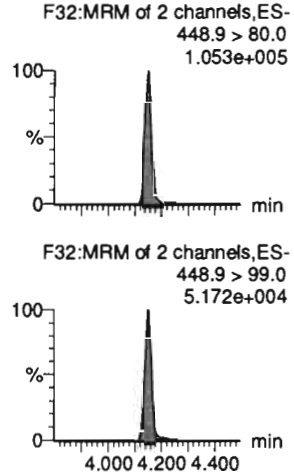
L-PFOA



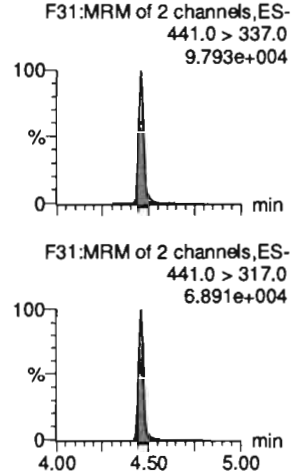
PFEChS



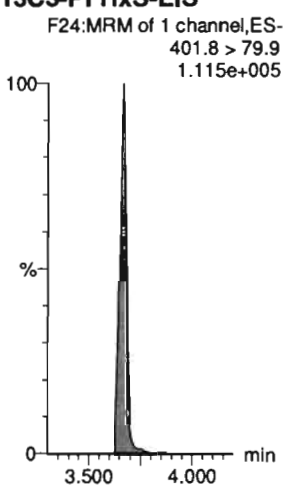
PFHpS



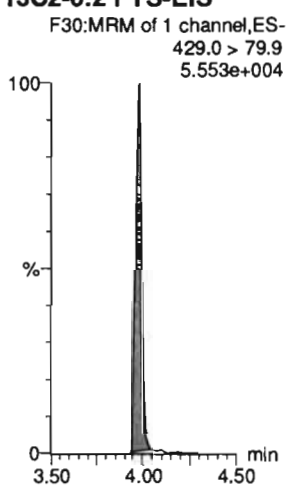
7:3 FTCA



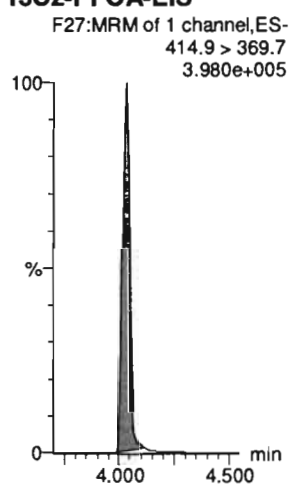
13C3-PFHxS-EIS



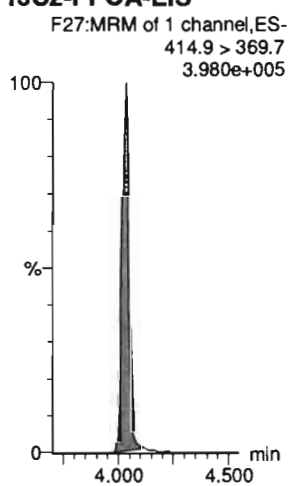
13C2-6:2 FTS-EIS



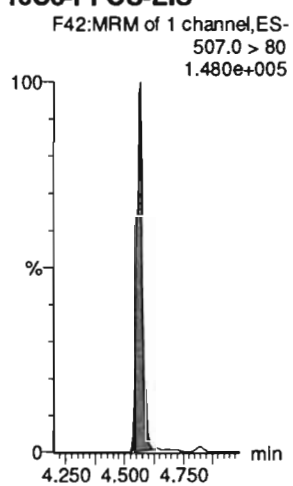
13C2-PFOA-EIS



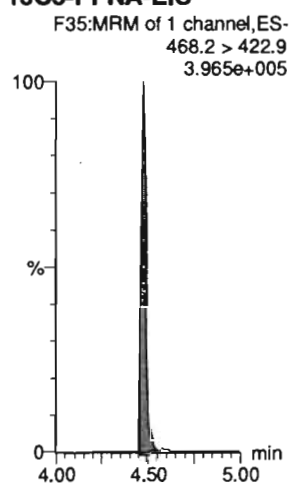
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
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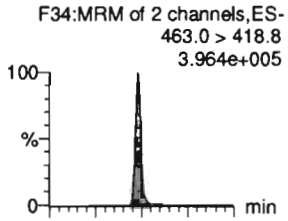
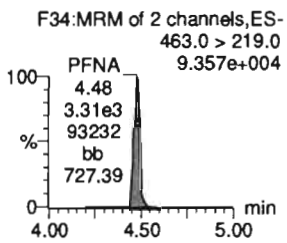
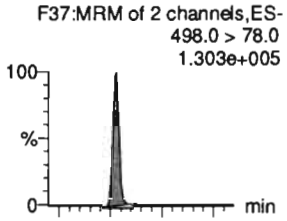
Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

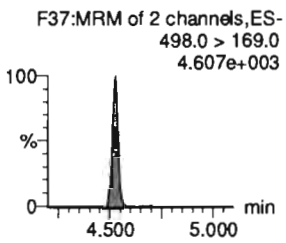
PFNA



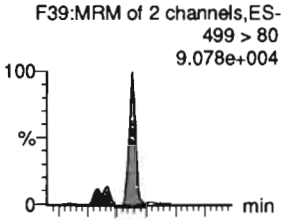


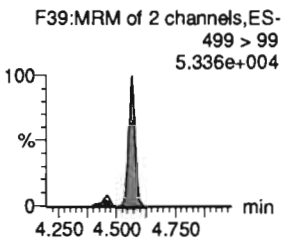
PFOSA



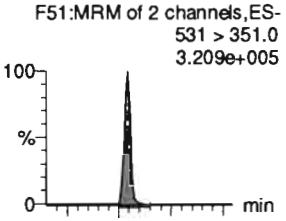


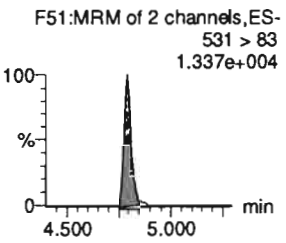
L-PFOS





9Cl-PF30NS





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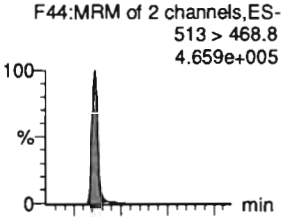
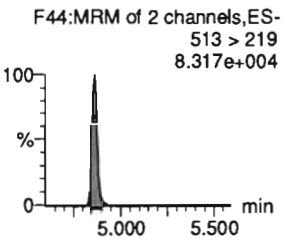
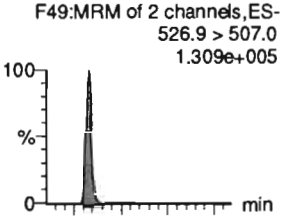
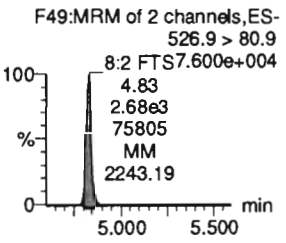


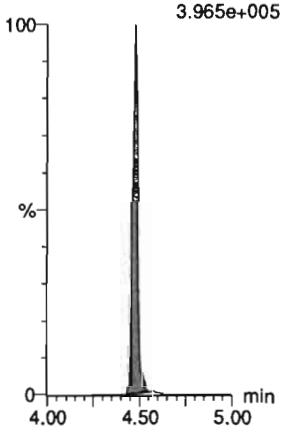


8:2 FTS

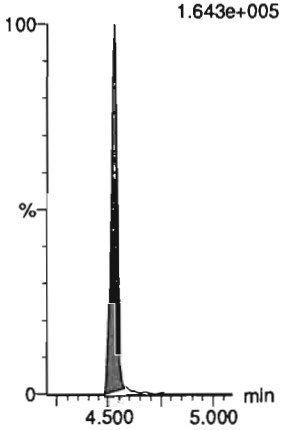




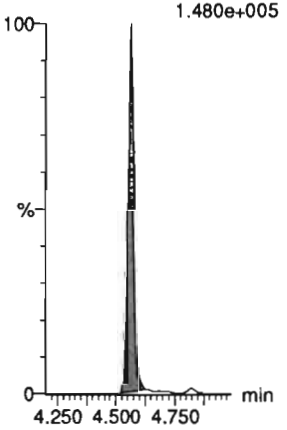
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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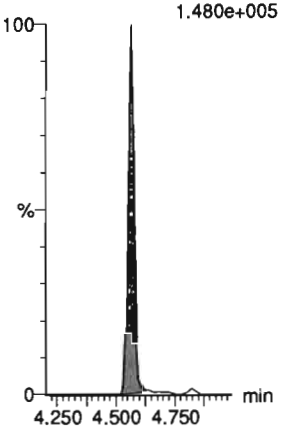

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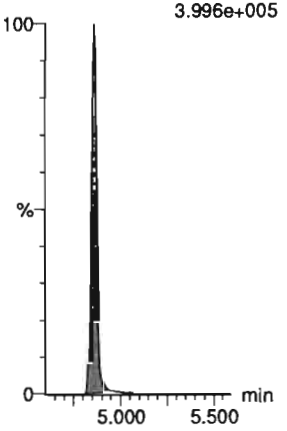
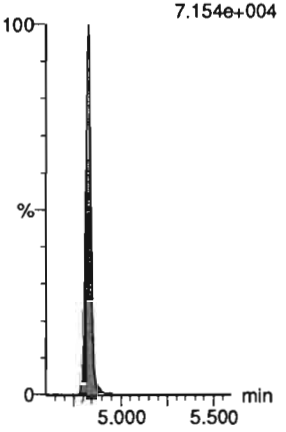


13C2-8:2 FTS-EIS



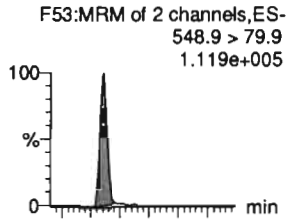
FBR 6/24/2020

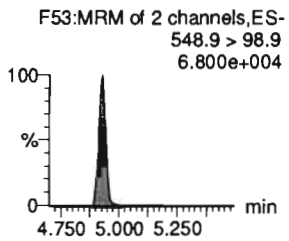
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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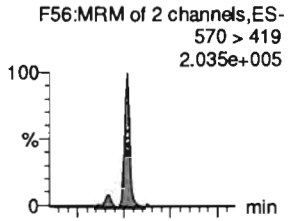

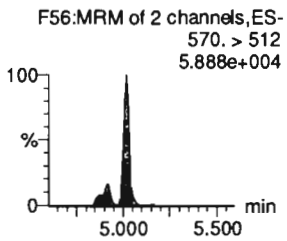

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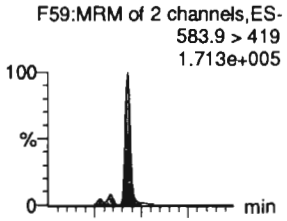
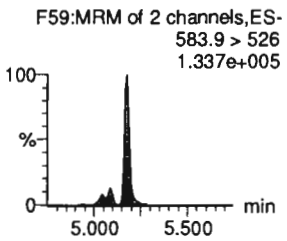
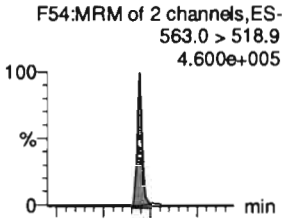
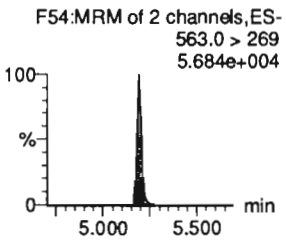




PFUdA





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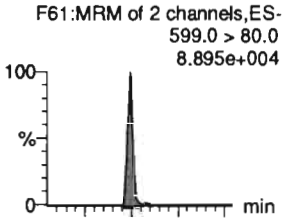

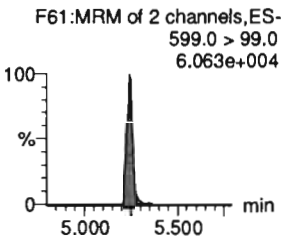

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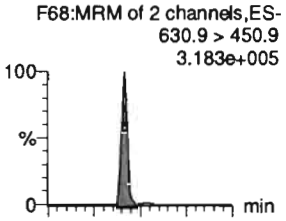
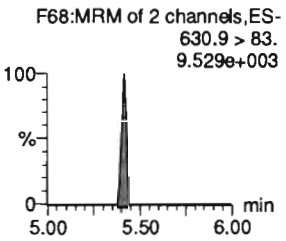
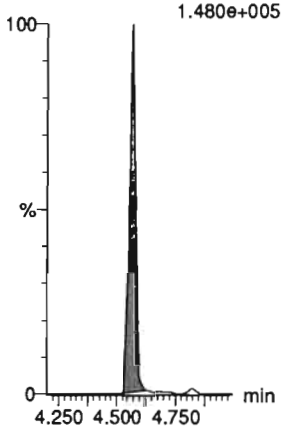
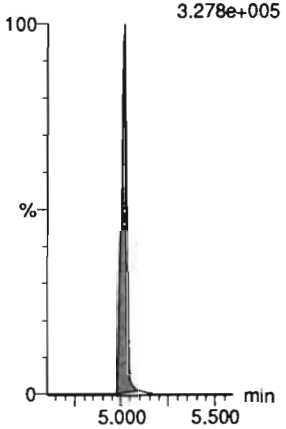




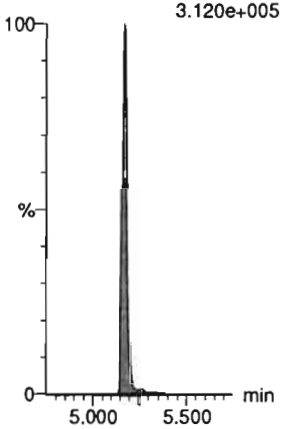
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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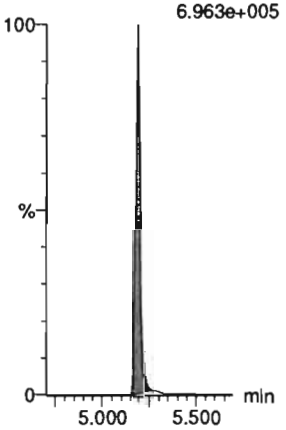
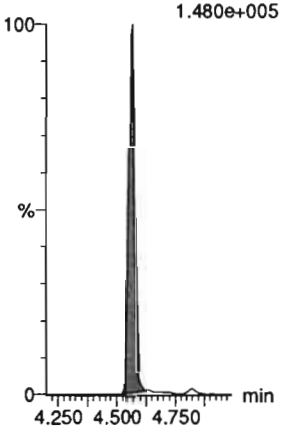
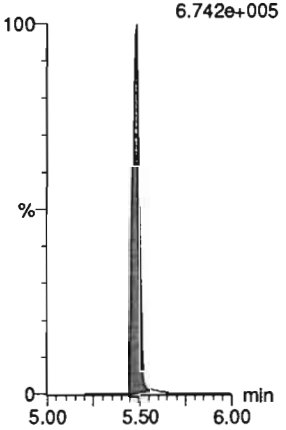


13C8-PFOS-EIS



13C2-PFDoA-EIS



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

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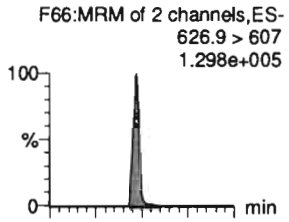
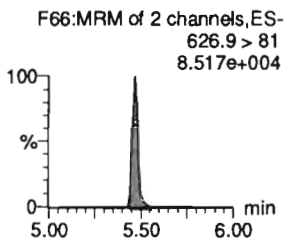
Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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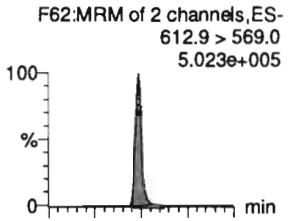
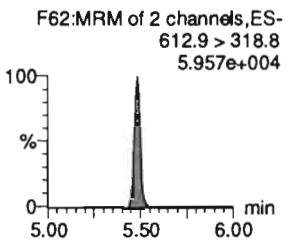
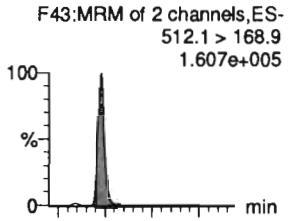
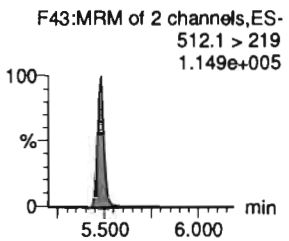




N-MeFOSA





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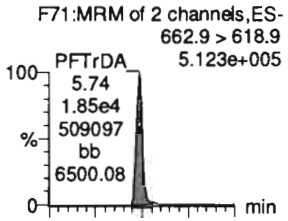
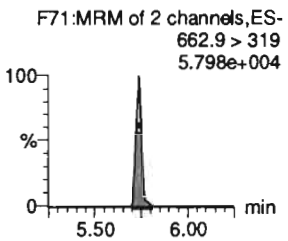
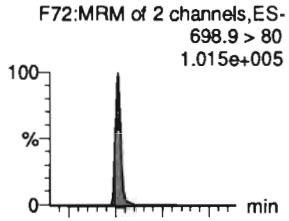
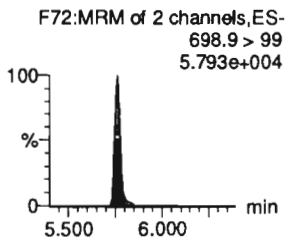




PFDoS





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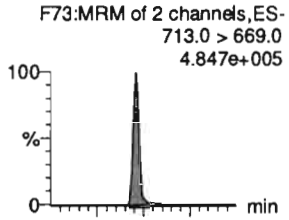
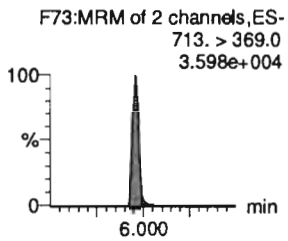
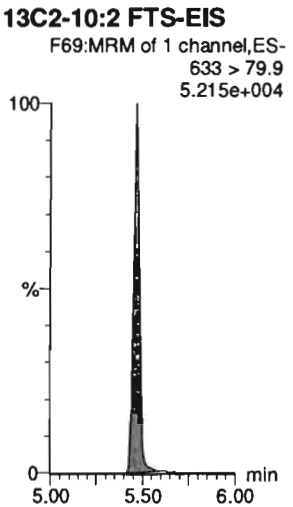




13C2-10:2 FTS-EIS



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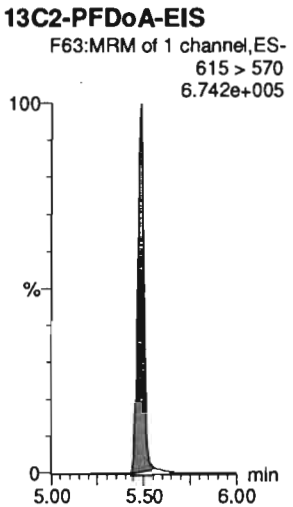
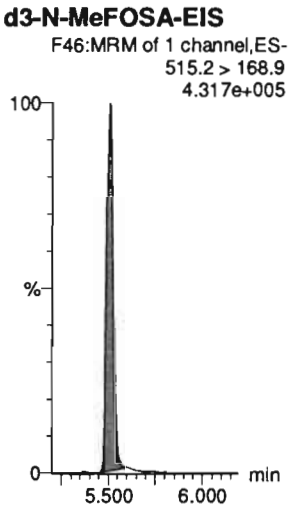


d3-N-MeFOSA-EIS



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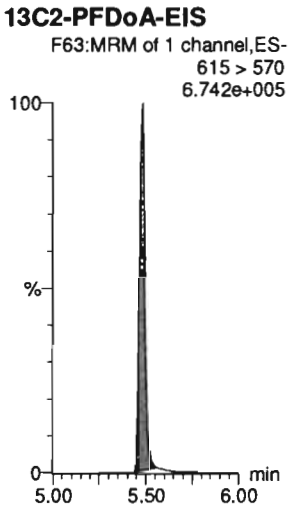
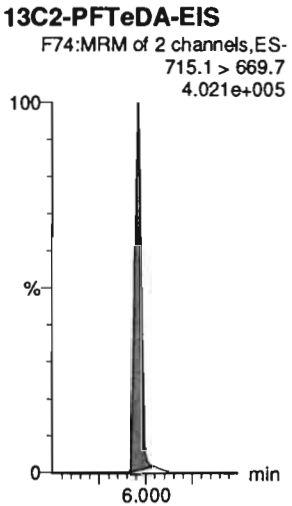


13C2-PFTeDA-EIS



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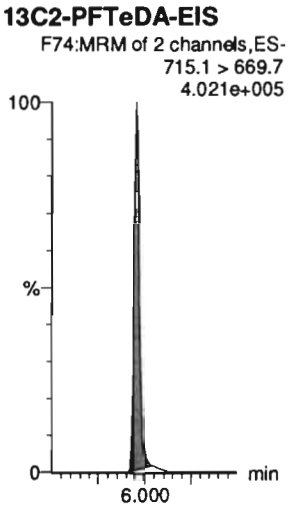

FBR 6/24/2020

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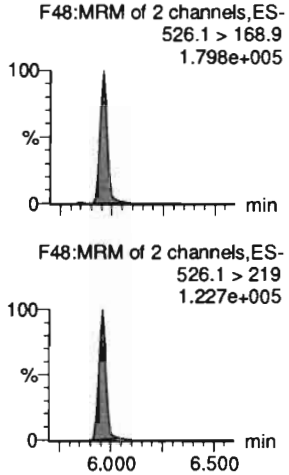
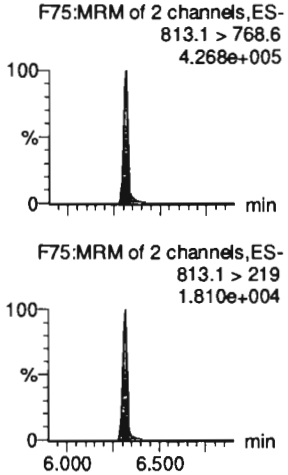
Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

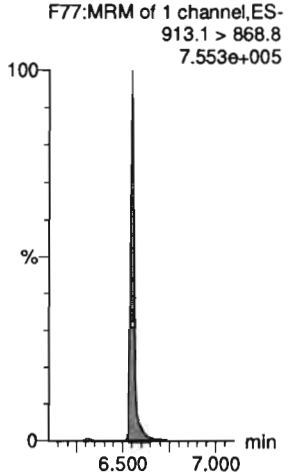
N-EtFOSA



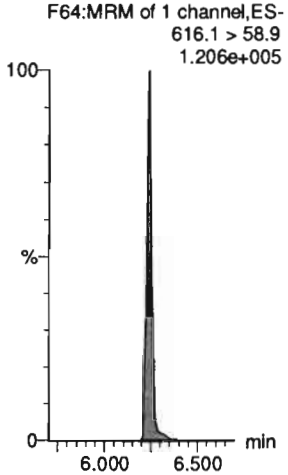
PFHxDA



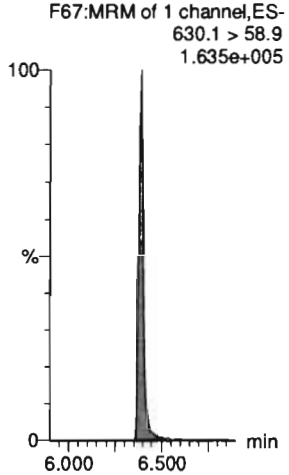
PFODA



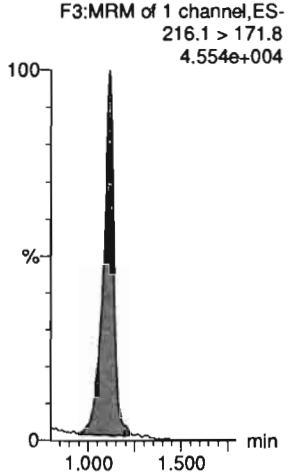
N-MeFOSE



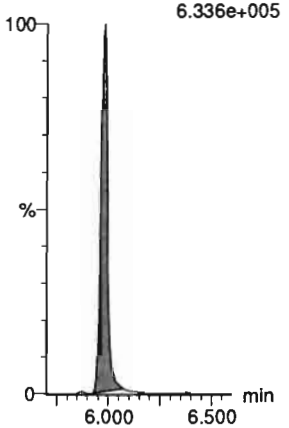
N-EtFOSE



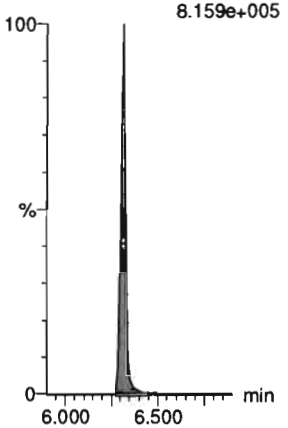
13C3-PFBA-RSD



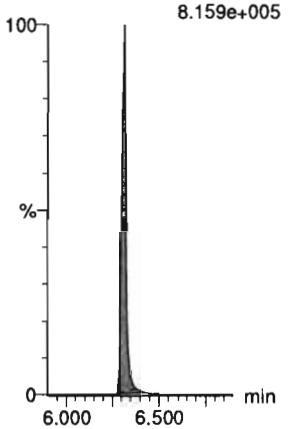
d5-N-ETFOSA-EIS



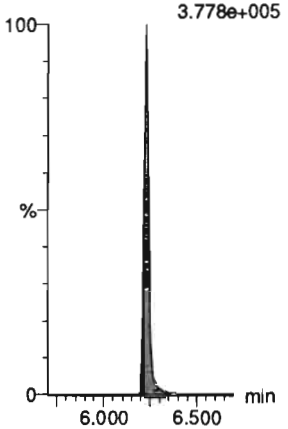
13C2-PFHxDA-EIS



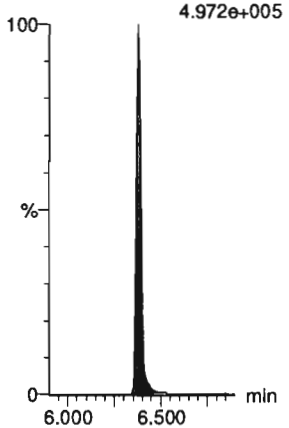
13C2-PFHxDA-EIS



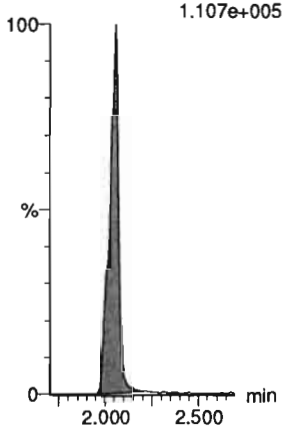
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



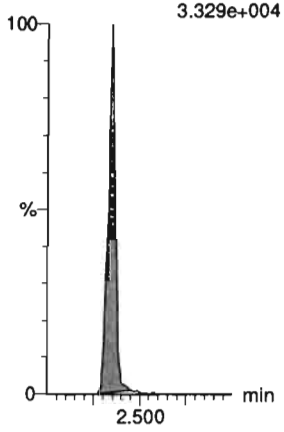
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

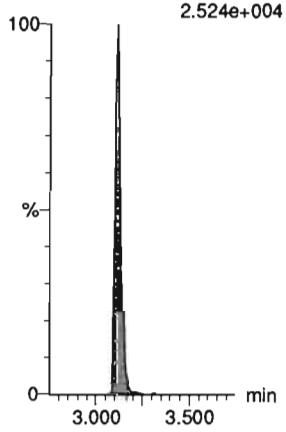
Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

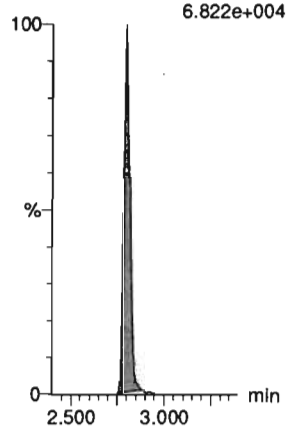
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.329e+004



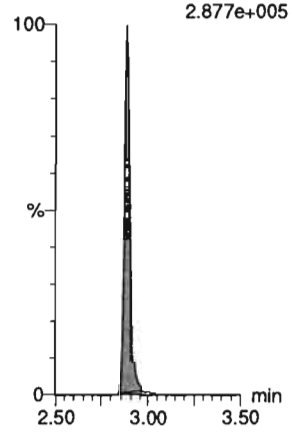
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.524e+004



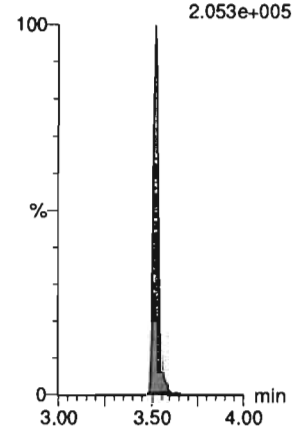
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.822e+004



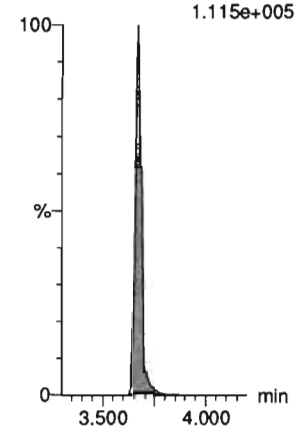
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.877e+005



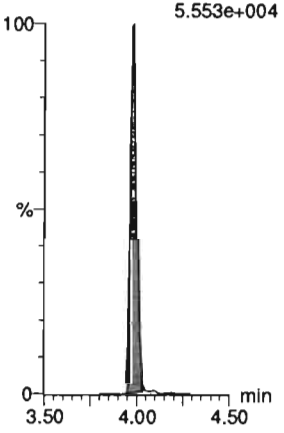
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.053e+005



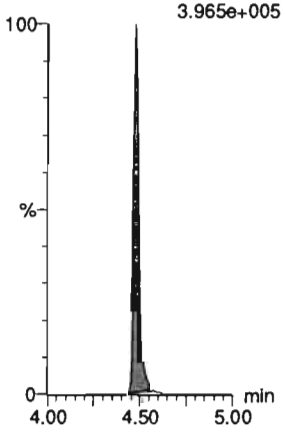
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.115e+005



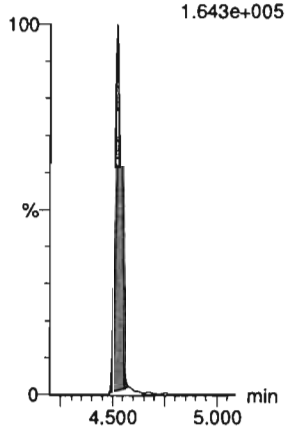
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.553e+004



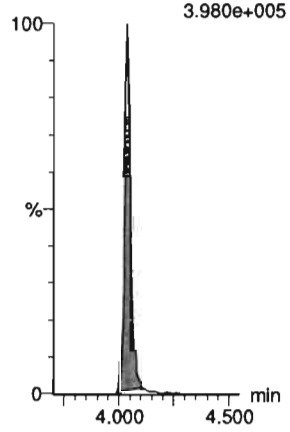
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.965e+005



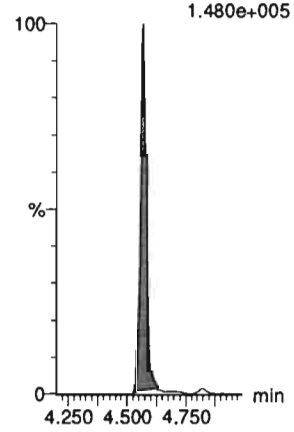
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.643e+005



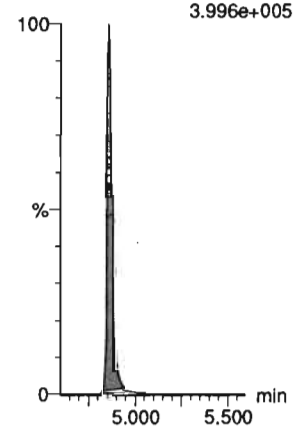
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.980e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.480e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.996e+005



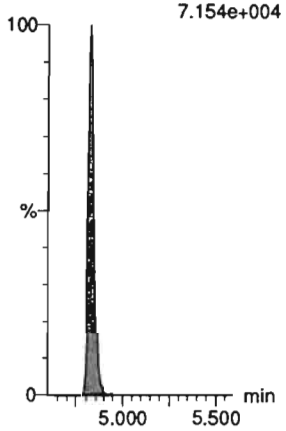
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

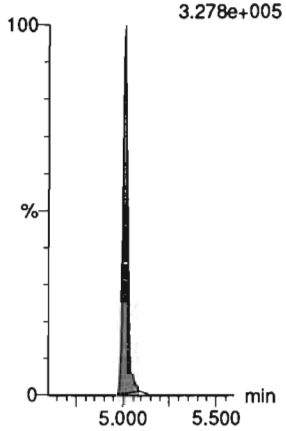
Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

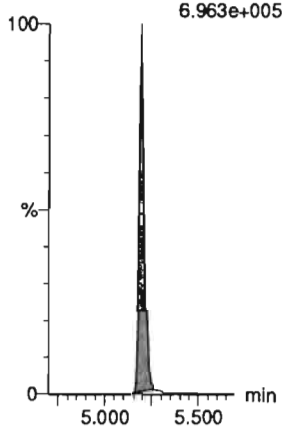
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
7.154e+004



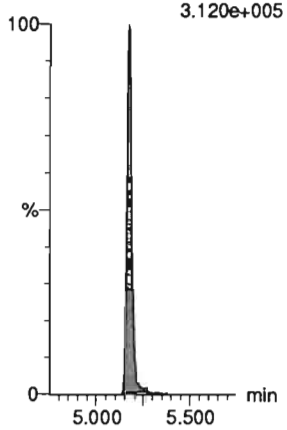
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.278e+005



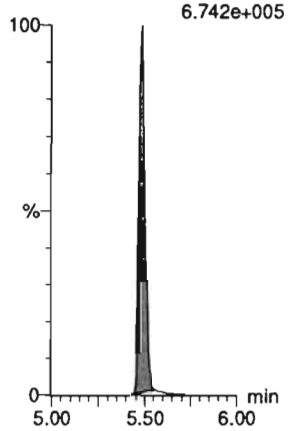
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
6.963e+005



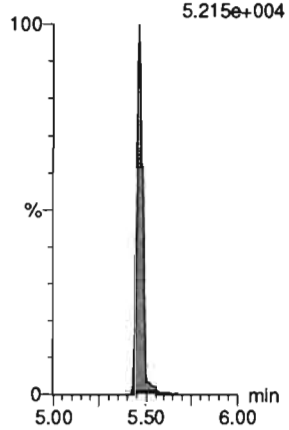
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.120e+005



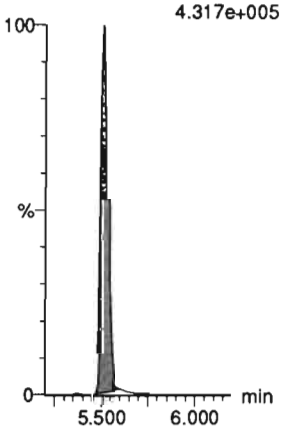
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.742e+005



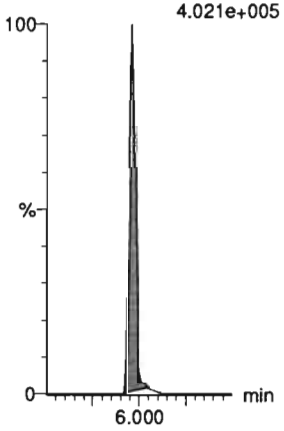
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.215e+004



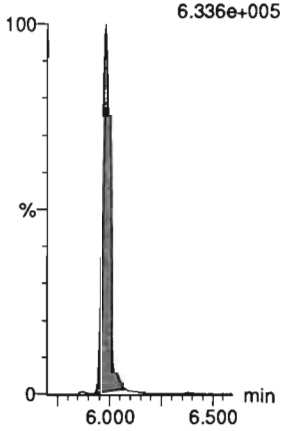
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
4.317e+005



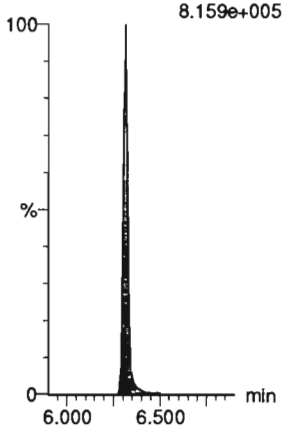
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.021e+005



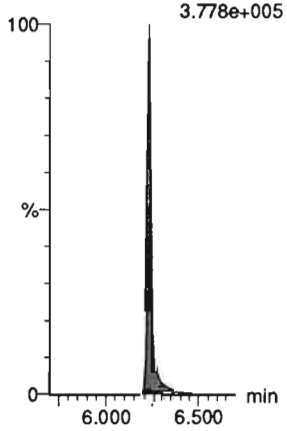
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
6.336e+005



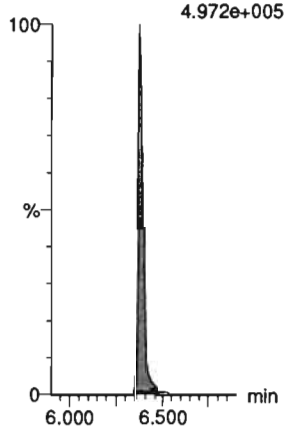
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
8.159e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.778e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.972e+005



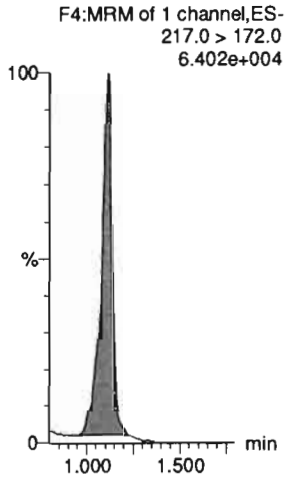
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-74.qld

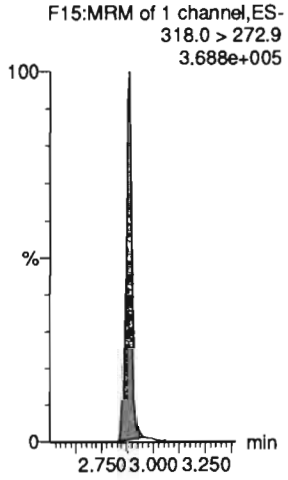
Last Altered: Wednesday, June 24, 2020 12:23:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:24:27 Pacific Daylight Time

Name: 200623M1_74, Date: 24-Jun-2020, Time: 00:58:24, ID: ST200623M1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

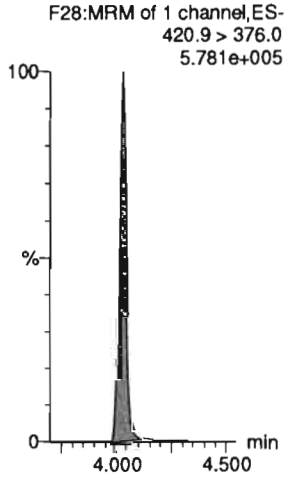
13C4-PFBA



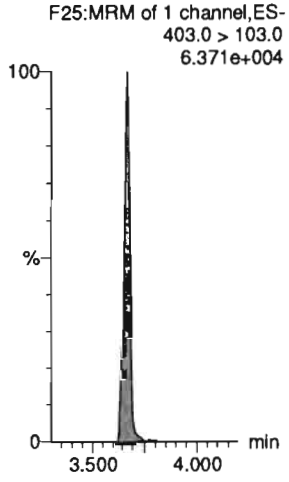
13C5-PFHxA



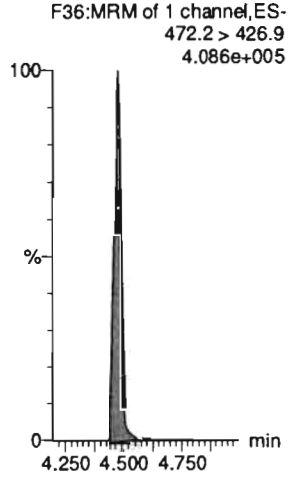
13C8-PFOA



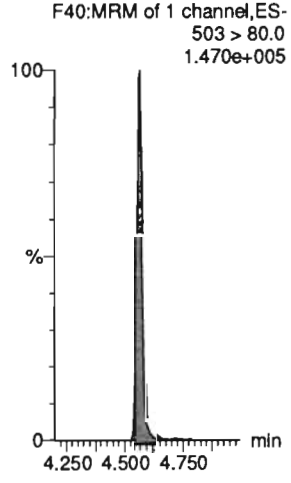
18O2-PFHxS



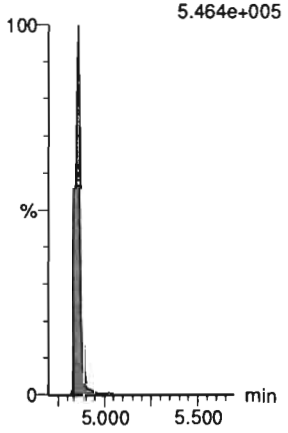
13C9-PFNA



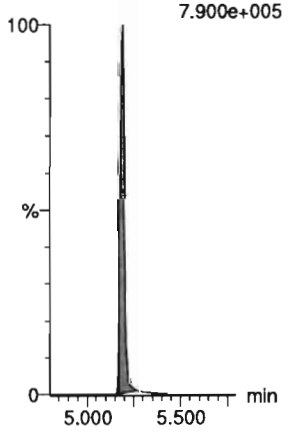
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

qpr 07/07/20

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	346.891	3345.139	1.00	1.44	1.296	1.000	0.862	86.2	NO		
2	2	PFPrS	248.9 > 79.9	226.699	1445.802	1.00	1.77	1.960	1.000	1.04	103.6	NO	2.989	NO
3	3	3:3 FTCA	241.1 > 177.0	26.789	5457.580	1.00	2.26	0.061	1.000	1.11	111.3	NO	1.422	NO
4	4	PFPeA	263.1 > 218.9	404.501	5457.580	1.00	2.40	0.926	1.000	0.976	97.6	NO		
5	5	PFBS	299.0 > 79.7	210.524	1445.802	1.00	2.69	1.820	1.000	0.940	94.0	NO	2.336	NO
6	6	4:2 FTS	327.0 > 306.9	522.895	2197.929	1.00	3.14	2.974	1.000	1.07	106.8	NO	2.213	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	3345.139		1.00	1.43	3345.139	12.500	13.9	111.4	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1445.802		1.00	2.69	1445.802	12.500	13.2	105.6	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5457.580		1.00	2.40	5457.580	12.500	13.5	107.8	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5457.580		1.00	2.40	5457.580	12.500	13.5	107.8	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1445.802		1.00	2.69	1445.802	12.500	13.2	105.6	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2197.929		1.00	3.14	2197.929	12.500	12.7	101.5	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	901.123	9481.257	1.00	3.23	1.188	1.000	1.02	102.1	NO	21.792	NO
15	8	PFPeS	349.0 > 80.0	250.185	1445.802	1.00	3.43	2.163	1.000	1.02	101.6	NO	1.896	NO
16	9	HFPO-DA	285.1 > 168.9	63.981	888.411	1.00	3.45	0.900	1.000	1.00	100.1	NO	1.693	NO
17	10	5:3 FTCA	340.9 > 236.9	194.063	5623.166	1.00	3.78	0.431	1.000	1.08	108.0	NO	1.405	NO
18	11	PFHpA	363.0 > 318.9	627.028	5623.166	1.00	3.84	1.394	1.000	1.03	103.4	NO	8.922	NO
19	12	ADONA	376.8 > 250.9	2441.617	5623.166	1.00	3.94	5.428	1.000	0.952	95.2	NO	3.318	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9481.257		1.00	3.23	9481.257	12.500	12.9	102.8	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1445.802		1.00	2.69	1445.802	12.500	13.2	105.6	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	888.411		1.00	3.44	888.411	12.500	13.4	107.3	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5623.166		1.00	3.84	5623.166	12.500	14.3	114.7	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5623.166		1.00	3.84	5623.166	12.500	14.3	114.7	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5623.166		1.00	3.84	5623.166	12.500	14.3	114.7	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	293.469	3447.493	1.00	3.98	1.064	1.000	1.11	111.2	NO	1.764	NO
28	15	6:2 FTS	427 > 407.0	444.048	1917.171	1.00	4.30	2.895	1.000	0.986	98.6	NO	2.081	NO
29	16	L-PFOA	412.8 > 368.9	1732.350	11811.263	1.00	4.35	1.833	1.000	1.06	105.9	NO	4.169	NO
30	18	PFecHS	460.8 > 381.0	509.958	11811.263	1.00	4.37	0.540	1.000	1.04	103.8	NO	1.000	NO
31	19	PFHpS	448.9 > 80.0	282.549	3600.793	1.00	4.46	0.981	1.000	1.14	113.5	NO	3.510	YES
32	20	7:3 FTCA	441.0 > 337.0	454.936	10142.689	1.00	4.78	0.561	1.000	1.19	119.3	NO	1.421	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3447.493		1.00	3.98	3447.493	12.500	13.3	106.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1917.171		1.00	4.30	1917.171	12.500	13.0	103.8	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	11811.263		1.00	4.35	11811.263	12.500	12.5	99.9	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	11811.263		1.00	4.35	11811.263	12.500	12.5	99.9	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

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Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3600.793		1.00	4.87	3600.793	12.500	12.6	100.9	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	10142.689		1.00	4.79	10142.689	12.500	13.2	106.0	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	1160.624	10142.689	1.00	4.79	1.430	1.000	1.00	100.2	NO	3.298	NO
41	22	PFOSA	498.0 > 78.0	405.746	5879.681	1.00	4.84	0.863	1.000	1.15	115.1	NO	30.893	NO
42	23	L-PFOS	499 > 80	285.659	3600.793	1.00	4.87	0.992	1.000	1.05	104.7	NO	2.099	NO
43	25	9Cl-PF30NS	531 > 351.0	1031.567	3600.793	1.00	5.09	3.581	1.000	0.950	95.0	NO	27.762	NO
44	26	PFDA	513 > 468.8	1348.777	10510.682	1.00	5.16	1.604	1.000	1.01	101.4	NO	5.761	NO
45	27	8:2 FTS	526.9 > 507.0	379.957	2064.127	1.00	5.14	2.301	1.000	1.04	103.7	NO	1.660	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	10142.689		1.00	4.79	10142.689	12.500	13.2	106.0	NO		
47	67	13C8-PFOSA-EIS	506. > 78	5879.681		1.00	4.83	5879.681	12.500	14.6	117.0	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3600.793		1.00	4.87	3600.793	12.500	12.6	100.9	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3600.793		1.00	4.87	3600.793	12.500	12.6	100.9	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	10510.682		1.00	5.17	10510.682	12.500	13.0	104.1	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2064.127		1.00	5.14	2064.127	12.500	11.8	94.8	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	315.410	3600.793	1.00	5.23	1.095	1.000	1.04	103.9	NO	1.649	NO
54	29	L-MeFOSAA	570 > 419	648.943	9711.006	1.00	5.32	0.835	1.000	0.997	99.7	NO	2.674	NO
55	31	L-EtFOSAA	583.9 > 419	811.852	8760.558	1.00	5.48	1.158	1.000	1.14	113.7	NO	2.020	NO
56	33	PFUdA	563.0 > 518.9	1280.083	18035.227	1.00	5.49	0.887	1.000	0.936	93.6	NO	6.340	NO
57	34	PFDS	599.0 > 80.0	255.186	3600.793	1.00	5.54	0.886	1.000	1.11	111.1	NO	1.513	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	1100.108	18126.428	1.00	5.70	0.759	1.000	1.26	125.7	NO	29.339	NO
59	73	13C8-PFOS-EIS	507.0 > 80	3600.793		1.00	4.87	3600.793	12.500	12.6	100.9	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	9711.006		1.00	5.31	9711.006	12.500	12.1	97.1	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	8760.558		1.00	5.47	8760.558	12.500	12.3	98.1	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	18035.227		1.00	5.49	18035.227	12.500	13.0	104.0	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3600.793		1.00	4.87	3600.793	12.500	12.6	100.9	NO		
64	85	13C2-PFDoA-EIS	615 > 570	18126.428		1.00	5.77	18126.428	12.500	11.7	93.3	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	412.152	1661.872	1.00	5.76	3.100	1.000	0.889	88.9	NO	1.686	NO
67	37	PFDoA	612.9 > 569.0	1380.138	18126.428	1.00	5.77	0.952	1.000	0.879	87.9	NO	5.586	NO
68	38	N-MeFOSA	512.1 > 168.9	506.114	12268.724	1.00	5.70	6.155	5.000	5.68	113.6	NO	1.496	NO
69	39	PFTrDA	662.9 > 618.9	1761.519	18126.428	1.00	6.02	1.215	1.000	1.22	122.4	NO	7.234	NO
70	40	PFDoS	698.9 > 80	330.210	12616.386	1.00	6.04	0.327	1.000	1.08	108.0	NO	1.997	NO
71	41	PFTeDA	713.0 > 669.0	1706.937	12616.386	1.00	6.22	1.691	1.000	1.04	104.0	NO	13.387	NO
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1661.872		1.00	5.76	1661.872	12.500	12.8	102.2	NO		

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Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	18126.428		1.00	5.77	18126.428	12.500	11.7	93.3	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	12268.724		1.00	5.72	12268.724	149.200	165	110.3	NO		
75	85	13C2-PFDoA-EIS	615 > 570	18126.428		1.00	5.77	18126.428	12.500	11.7	93.3	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	12616.386		1.00	6.22	12616.386	12.500	12.4	99.6	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	12616.386		1.00	6.22	12616.386	12.500	12.4	99.6	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	461.838	16980.805	1.00	6.12	4.058	5.000	4.86	97.3	NO	1.944	NO
80	43	PFHxDA	813.1 > 768.6	1134.893	18808.922	1.00	6.53	0.754	1.000	1.04	103.6	NO	26.603	NO
81	44	PFODA	913.1 > 868.8	1306.624	18808.922	1.00	6.75	0.868	1.000	1.03	102.6	NO		
82	45	N-MeFOSE	616.1 > 58.9	329.353	9606.702	1.00	6.33	5.115	5.000	5.32	106.4	NO		
83	46	N-EtFOSE	630.1 > 58.9	370.634	10977.206	1.00	6.47	5.038	5.000	4.66	93.2	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3340.058	4759.285	1.00	1.43	8.772	12.500	13.3	106.0	NO		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	16980.805		1.00	6.13	16980.805	149.200	154	103.3	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	18808.922		1.00	6.53	18808.922	12.500	12.7	101.6	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	18808.922		1.00	6.53	18808.922	12.500	12.7	101.6	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	9606.702		1.00	6.32	9606.702	149.200	153	102.2	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	10977.206		1.00	6.46	10977.206	149.200	169	113.3	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	5455.778	12354.083	1.00	2.40	5.520	12.500	12.2	97.7	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1445.802	1974.206	1.00	2.69	9.154	12.500	12.1	96.4	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	888.411	12354.083	1.00	3.44	0.899	12.500	12.8	102.8	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	2197.929	1974.206	1.00	3.14	13.917	12.500	11.3	90.2	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	9476.160	12354.083	1.00	3.23	9.588	12.500	12.1	96.9	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5623.166	12354.083	1.00	3.84	5.690	12.500	12.4	99.4	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3446.091	1974.206	1.00	3.98	21.819	12.500	12.1	96.6	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1915.874	3581.014	1.00	4.30	6.688	12.500	12.3	98.3	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	10140.500	12022.543	1.00	4.79	10.543	12.500	11.9	95.4	NO		
100	68	13C8-PFOSA-RSD	506. > 78	5879.681	21774.889	1.00	4.83	3.375	12.500	12.7	101.9	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	11811.263	20980.816	1.00	4.35	7.037	12.500	11.7	93.7	NO		
102	74	13C8-PFOS-RSD	507.0 > 80	3600.793	3581.014	1.00	4.87	12.569	12.500	11.9	95.5	NO		
103	76	13C2-PFDA-RSD	515.1 > 469.9	10510.682	14938.667	1.00	5.17	8.795	12.500	12.3	98.6	NO		
104	-1													
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2064.127	3581.014	1.00	5.14	7.205	12.500	11.4	90.9	NO		
106	80	d3-N-MeFOSAA-RSD	573. > 419	9711.006	21774.889	1.00	5.31	5.575	12.500	11.3	90.3	NO		
107	82	13C2-PFUdA-RSD	565 > 519.8	18035.227	21774.889	1.00	5.49	10.353	12.500	12.0	96.3	NO		
108	84	d5-N-EtFOSAA-RSD	589. > 419	8760.558	21774.889	1.00	5.47	5.029	12.500	12.0	96.3	NO		

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Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	18126.428	14938.667	1.00	5.77	15.167	12.500	11.5	92.1	NO		
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1661.676	3581.014	1.00	5.76	5.800	12.500	13.0	104.3	NO		
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	12268.724	21774.889	1.00	5.72	7.043	149.200	143	96.2	NO		
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	12646.837	21774.889	1.00	6.22	7.260	12.500	11.5	92.0	NO		
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	16980.805	21774.889	1.00	6.13	9.748	149.200	139	92.9	NO		
114	96	13C2-PFHxDA-RSD	815 > 769.7	18808.922	21774.889	1.00	6.53	10.797	12.500	11.6	93.1	NO		
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	9604.306	21774.889	1.00	6.32	5.513	149.200	135	90.8	NO		
116	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10992.045	21774.889	1.00	6.46	6.310	149.200	147	98.7	NO		
117	-1													
118	1...	13C4-PFBA	217.0 > 172.0	4759.285	4759.285	1.00	1.44	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	12354.083	12354.083	1.00	3.23	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	20980.816	20980.816	1.00	4.35	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0	1974.206	1974.206	1.00	3.98	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	12022.543	12022.543	1.00	4.79	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	3581.014	3581.014	1.00	4.87	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	14938.667	14938.667	1.00	5.17	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	21774.889	21774.889	1.00	5.49	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200702M1_1	IPA	02-Jul-20	15:26:29
2	2 200702M1_2	IPA	02-Jul-20	15:36:55
3	3 200702M1_3	ST200702M1-1 PFC CS-2 20F1901	02-Jul-20	15:47:20
4	4 200702M1_4	ST200702M1-2 PFC CS-1 20F1902	02-Jul-20	15:57:44
5	5 200702M1_5	ST200702M1-3 PFC CS0 20F1903	02-Jul-20	16:08:09
6	6 200702M1_6	ST200702M1-4 PFC CS1 20F1904	02-Jul-20	16:18:34
7	7 200702M1_7	ST200702M1-5 PFC CS2 20F1905	02-Jul-20	16:28:57
8	8 200702M1_8	ST200702M1-6 PFC CS3 20F1906	02-Jul-20	16:39:19
9	9 200702M1_9	ST200702M1-7 PFC CS4 20F1907	02-Jul-20	16:49:41
10	10 200702M1_10	ST200702M1-8 PFC CS5 20F1908	02-Jul-20	17:00:04
11	11 200702M1_11	ST200702M1-9 PFC CS6 20F1909	02-Jul-20	17:11:07
12	12 200702M1_12	ST200702M1-10 PFC CS7 20F1910	02-Jul-20	17:21:28
13	13 200702M1_13	IB	02-Jul-20	17:31:50
14	14 200702M1_14	ICV200702M1-1 PFC ICV 20F1911	02-Jul-20	17:42:13
15	15 200702M1_15	IB	02-Jul-20	17:52:35
16	16 200702M1_16	2001303-20 GW1 0.25266	02-Jul-20	18:02:57
17	17 200702M1_17	2001332-15 GW2 0.26093	02-Jul-20	18:13:19
18	18 200702M1_18	2001332-16 GW (duplicate) 0.26101	02-Jul-20	18:23:42
19	19 200702M1_19	B0F0093-BLK1 Method Blank 0.25	02-Jul-20	18:34:04
20	20 200702M1_20	B0F0093-BS1 OPR 0.25	02-Jul-20	18:44:26
21	21 200702M1_21	2001246-01@20X IN-21 0.23603	02-Jul-20	18:54:48
22	22 200702M1_22	2001246-01@5X IN-21 0.23603	02-Jul-20	19:05:10
23	23 200702M1_23	2001246-02@20X OUT-21 0.23853	02-Jul-20	19:15:33
24	24 200702M1_24	2001246-02@5X OUT-21 0.23853	02-Jul-20	19:25:55
25	25 200702M1_25	2001254-08@15X A4-MW3S-R1 0.2577	02-Jul-20	19:36:17
26	26 200702M1_26	B0F0194-BLK1 Method Blank 0.25	02-Jul-20	19:46:39
27	27 200702M1_27	B0F0194-BS1 OPR 0.25	02-Jul-20	19:57:01
28	28 200702M1_28	2001313-01 Epcor Well 10 0.2481	02-Jul-20	20:07:24
29	29 200702M1_29	B0F0204-BLK1 Method Blank 0.25	02-Jul-20	20:17:46
30	30 200702M1_30	B0F0204-BS1 OPR 0.25	02-Jul-20	20:28:08
31	31 200702M1_31	B0F0204-MS1 Matrix Spike 0.24326	02-Jul-20	20:38:30
32	32 200702M1_32	B0F0204-MSD1 Matrix Spike Dup 0.25536	02-Jul-20	20:48:53

Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:40:08 Pacific Daylight Time

Compound name: PFBA

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33	33 200702M1_33	2001314-01 GW2006151215GSC 0.2497	02-Jul-20	20:59:15
34	34 200702M1_34	IB	02-Jul-20	21:09:37
35	35 200702M1_35	ST200702M1-11 PFC CS3 20F1906	02-Jul-20	21:19:59
36	36 200702M1_36	IB	02-Jul-20	21:30:22
37	37 200702M1_37	2001314-02 GW2006151230MK 0.25721	02-Jul-20	21:40:44
38	38 200702M1_38	2001314-03 FB2006151240MK 0.25672	02-Jul-20	21:51:06
39	39 200702M1_39	2001314-04 GW2006151250GSC 0.24804	02-Jul-20	22:01:28
40	40 200702M1_40	2001314-05 GW2006151305MK 0.25241	02-Jul-20	22:11:50
41	41 200702M1_41	2001314-06 GW2006151305MK-FD 0.25418	02-Jul-20	22:22:13
42	42 200702M1_42	2001314-07 GW2006151320GSC 0.2423	02-Jul-20	22:32:35
43	43 200702M1_43	2001314-08 GW2006151345MK 0.24677	02-Jul-20	22:42:57
44	44 200702M1_44	2001314-09 GW2006151400GSC 0.2498	02-Jul-20	22:53:19
45	45 200702M1_45	2001314-10 GW2006151430GSC 0.24829	02-Jul-20	23:03:42
46	46 200702M1_46	2001314-11 GW2006151440MK 0.2464	02-Jul-20	23:14:04
47	47 200702M1_47	2001314-12 GW2006151515GSC 0.25124	02-Jul-20	23:24:26
48	48 200702M1_48	IB	02-Jul-20	23:34:49
49	49 200702M1_49	ST200702M1-12 PFC CS3 20F1906	02-Jul-20	23:45:13
50	50 200702M1_50	IB	02-Jul-20	23:55:36
51	51 200702M1_51	2001314-13 GW2006151550MK 0.2455	03-Jul-20	00:05:58
52	52 200702M1_52	2001314-14 GW2006151550GSC 0.25924	03-Jul-20	00:16:20
53	53 200702M1_53	2001314-15 GW2006151630GSC 0.249	03-Jul-20	00:26:42
54	54 200702M1_54	2001314-16 GW2006151710GSC 0.24645	03-Jul-20	00:37:05
55	55 200702M1_55	2001314-17 GW2006151740GSC 0.2537	03-Jul-20	00:47:27
56	56 200702M1_56	B0F0230-BLK1 Method Blank 0.125	03-Jul-20	00:57:49
57	57 200702M1_57	B0F0230-BS1 OPR 0.125	03-Jul-20	01:08:11
58	58 200702M1_58	2001343-01 MW1 0.10794	03-Jul-20	01:18:33
59	59 200702M1_59	2001343-02 MW2 0.10261	03-Jul-20	01:28:55
60	60 200702M1_60	2001345-01 Influent 0.11045	03-Jul-20	01:39:18
61	61 200702M1_61	2001345-02 Effluent 0.10918	03-Jul-20	01:49:40
62	62 200702M1_62	2001345-05 Front Street Landfill 0.11161	03-Jul-20	02:00:02
63	63 200702M1_63	IB	03-Jul-20	02:10:25
64	64 200702M1_64	ST200702M1-13 PFC CS0 20F1903	03-Jul-20	02:20:47
65	65 200702M1_65	IB	03-Jul-20	02:31:09
66	66 200702M1_66	2001345-06@10X Septic Receiving 0.11338	03-Jul-20	02:41:31
67	67 200702M1_67	2001387-01 MW-1U_20200625 0.11177	03-Jul-20	02:51:56
68	68 200702M1_68	2001387-02 MW-1U_20200625_FD 0.11303	03-Jul-20	03:02:21

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
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Compound name: PFBA

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69	69 200702M1_69	B0F0198-BLK1 Method Blank 1	03-Jul-20	03:12:43
70	70 200702M1_70	B0F0198-BS1 OPR 1	03-Jul-20	03:23:05
71	71 200702M1_71	B0F0198-MS1 Matrix Spike 1.08	03-Jul-20	03:33:28
72	72 200702M1_72	B0F0198-MSD1 Matrix Spike Dup 1.06	03-Jul-20	03:43:50
73	73 200702M1_73	2001222-08RE2 SB-14 3-5' 1.09	03-Jul-20	03:54:12
74	74 200702M1_74	2001299-04 AB-8 (0.5-1) 1.2	03-Jul-20	04:04:35
75	75 200702M1_75	2001299-05 AB-8 (7.5-8) 1.52	03-Jul-20	04:14:57
76	76 200702M1_76	2001299-06 AB-9 (0.5-1) 1.2	03-Jul-20	04:25:19
77	77 200702M1_77	2001299-07 AB-9 (5.5-6) 1.48	03-Jul-20	04:35:41
78	78 200702M1_78	B0F0288-BLK1 Method Blank 0.125	03-Jul-20	04:46:03
79	79 200702M1_79	B0F0288-BS1 OPR 0.125	03-Jul-20	04:56:25
80	80 200702M1_80	B0F0288-MS1 Matrix Spike 0.09959	03-Jul-20	05:06:48
81	81 200702M1_81	B0F0288-MSD1 Matrix Spike Dup 0.10233	03-Jul-20	05:17:10
82	82 200702M1_82	B0F0288-MS2 Matrix Spike 0.10674	03-Jul-20	05:27:32
83	83 200702M1_83	B0F0288-MSD2 Matrix Spike Dup 0.113	03-Jul-20	05:37:54
84	84 200702M1_84	2001268-01RE1 DW-EB-Apparatus 0.11418	03-Jul-20	05:48:19
85	85 200702M1_85	2001268-02RE1 DW-R-21SMW 0.11689	03-Jul-20	05:58:45
86	86 200702M1_86	2001268-03RE1 DW-R-21SMW-DUP 0.11073	03-Jul-20	06:09:09
87	87 200702M1_87	IB	03-Jul-20	06:19:34
88	88 200702M1_88	ST200702M1-14 PFC CS3 20F1906	03-Jul-20	06:30:00
89	89 200702M1_89	IB	03-Jul-20	06:40:22
90	90 200702M1_90	2001268-13RE1 L-L-1 0.10682	03-Jul-20	06:50:47
91	91 200702M1_91	2001272-01RE1 GW-MW-8 0.11168	03-Jul-20	07:01:11
92	92 200702M1_92	2001272-04RE1 GW-FPC-7A 0.11203	03-Jul-20	07:11:36
93	93 200702M1_93	2001272-05RE1 GW-FPC-7B 0.11701	03-Jul-20	07:22:01
94	94 200702M1_94	2001272-08RE1 GW-GZ-105 0.11098	03-Jul-20	07:32:25
95	95 200702M1_95	2001272-10RE1 GW-FPC-8A 0.11585	03-Jul-20	07:42:51
96	96 200702M1_96	IB	03-Jul-20	07:53:16
97	97 200702M1_97	ST200702M1-15 PFC CS3 20F1906	03-Jul-20	08:03:38
98	98 200702M1_98	IB	03-Jul-20	08:14:00

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

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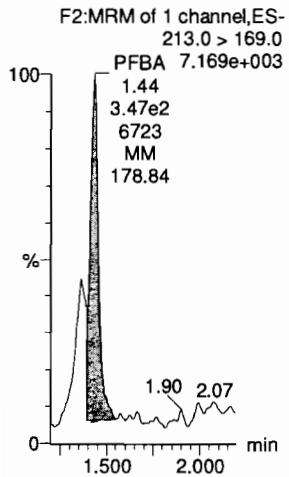

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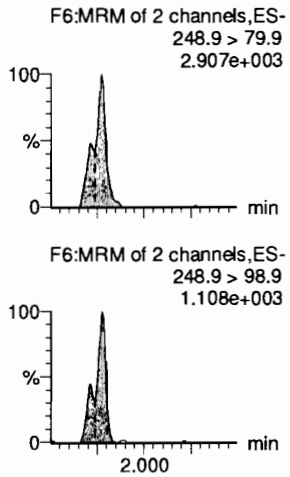
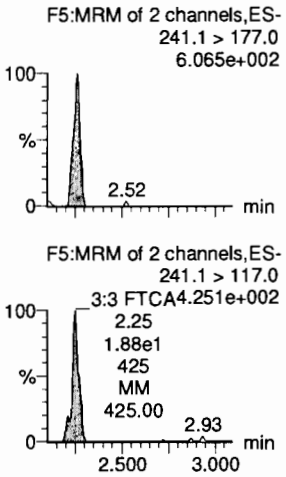


3:3 FTCA



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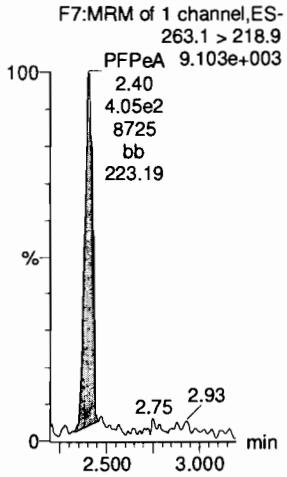

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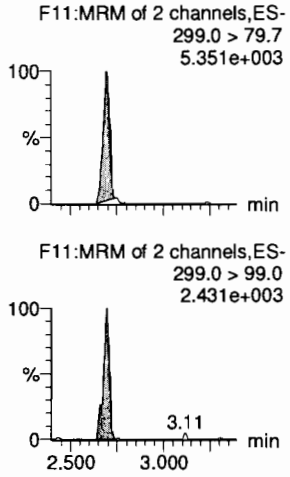
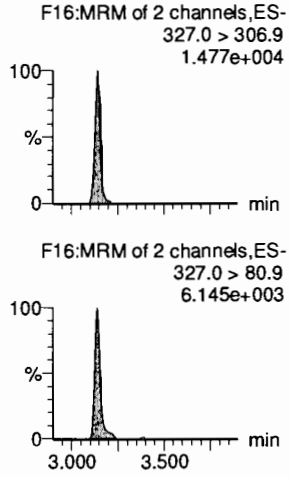


4:2 FTS



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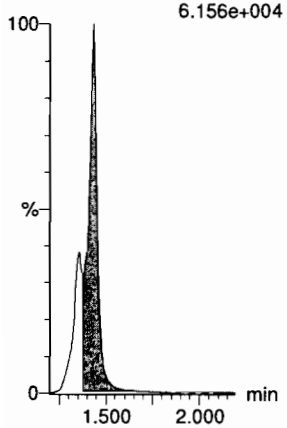

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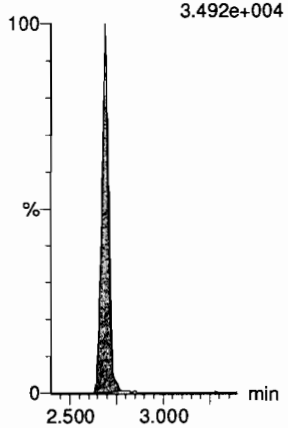

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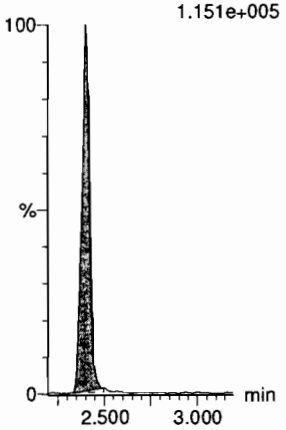

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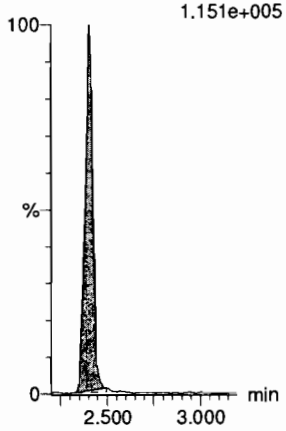

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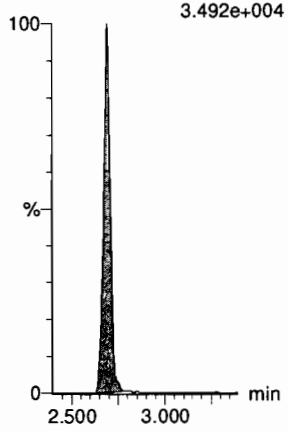
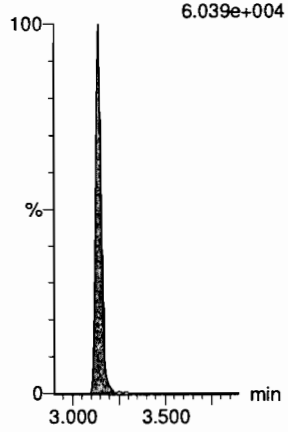


13C2-4:2 FTS-EIS



FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
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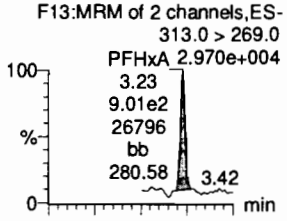
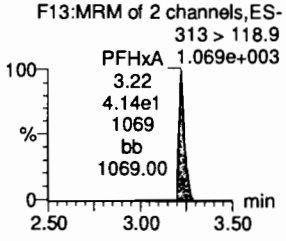
Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

PFHxA





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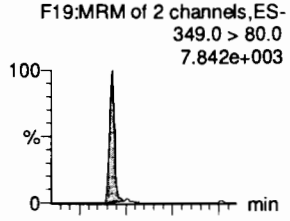

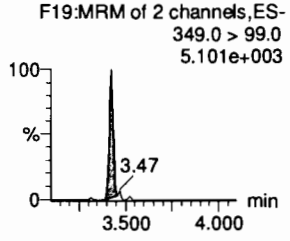

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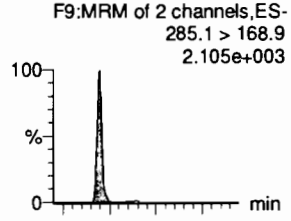

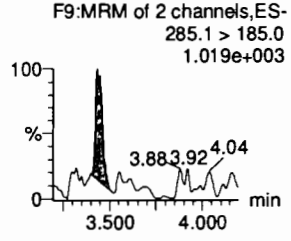

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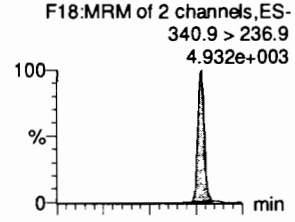

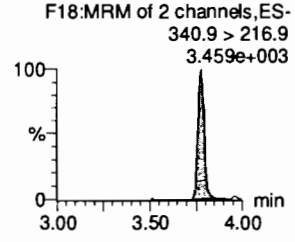

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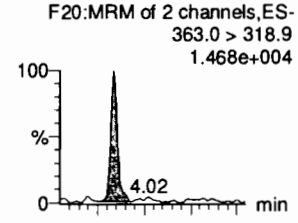

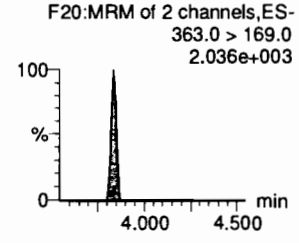

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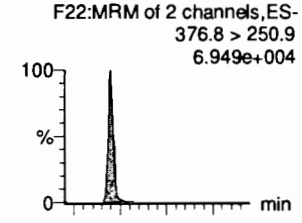

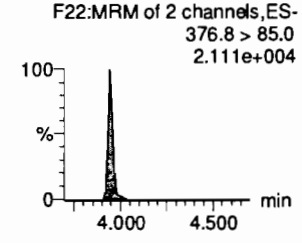

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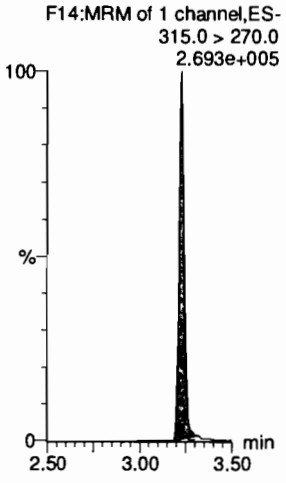

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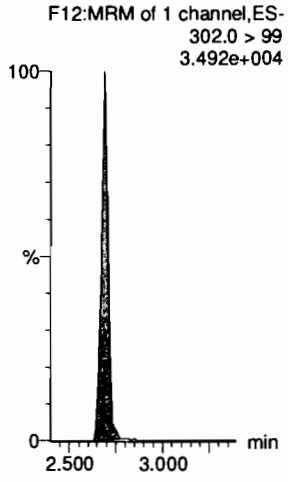

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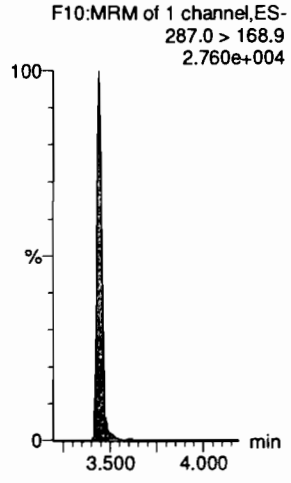

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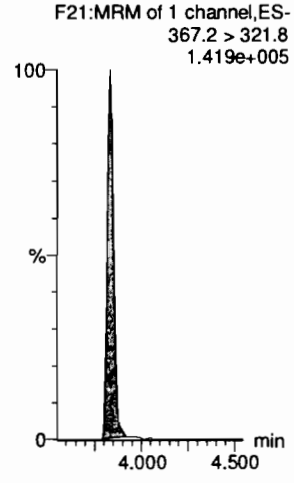

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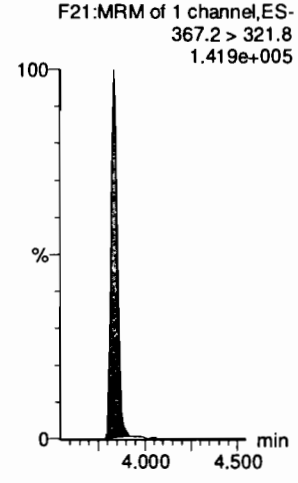

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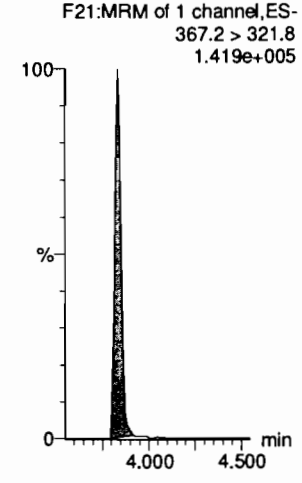


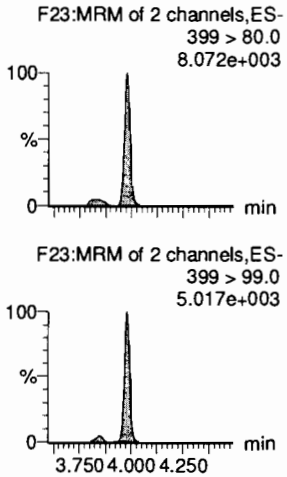
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

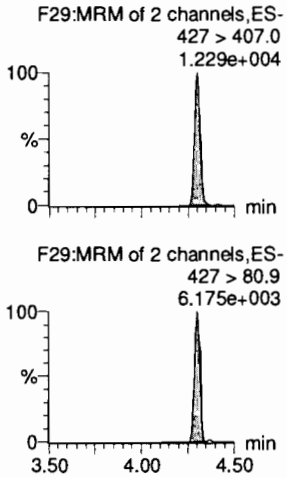
Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

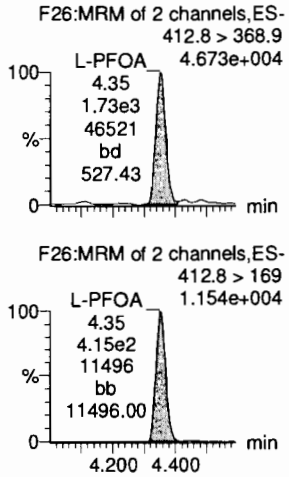
L-PFHxS



6:2 FTS



L-PFOA



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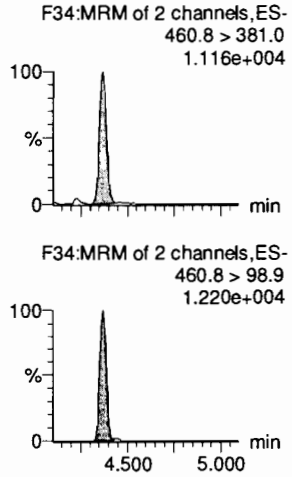

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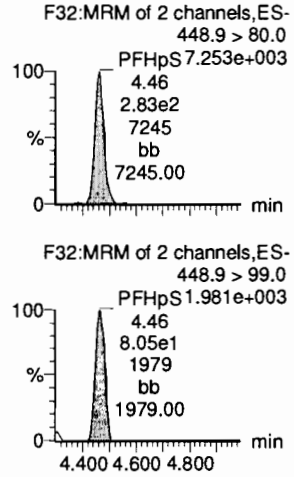
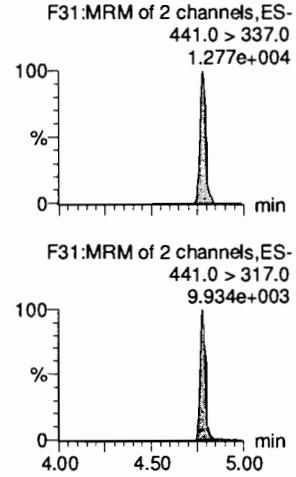
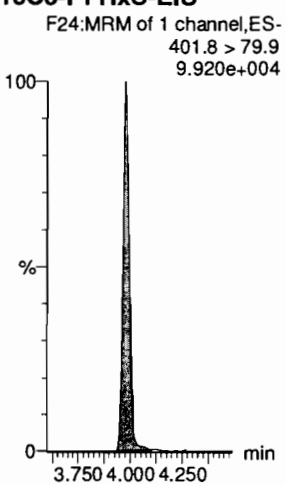


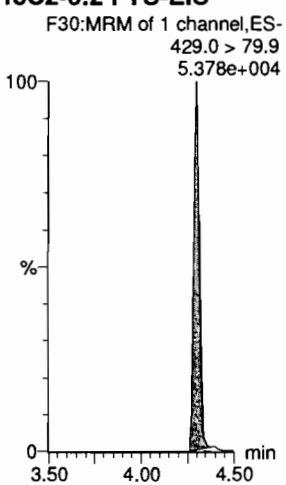
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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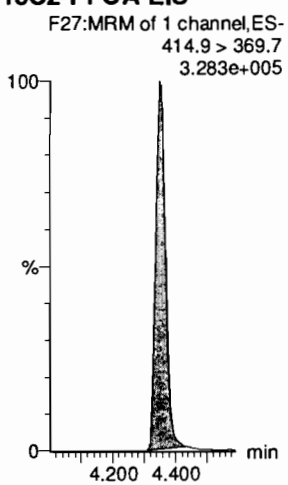

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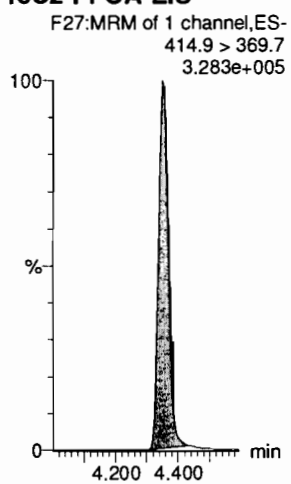
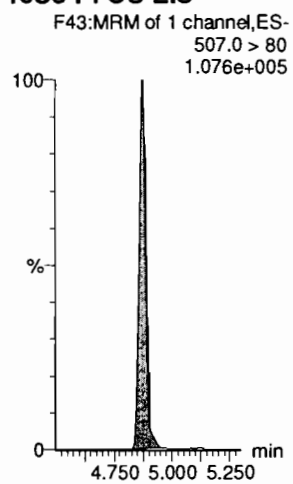
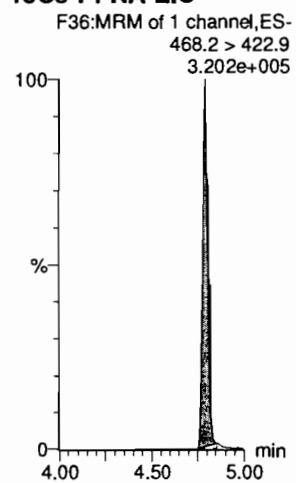


13C8-PFOS-EIS



13C5-PFNA-EIS



FBR 7/6/2020

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Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

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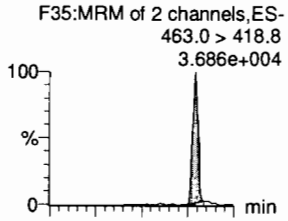

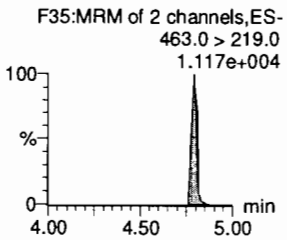

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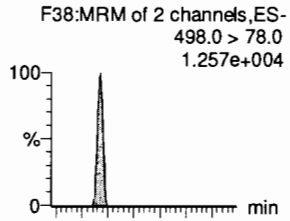
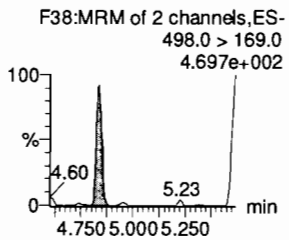
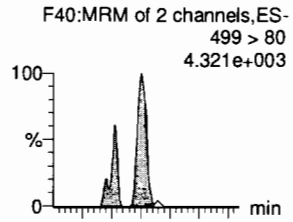
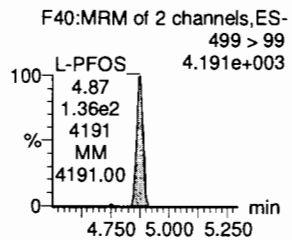


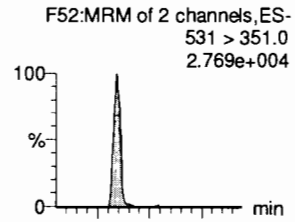


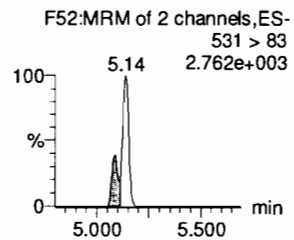
L-PFOS





9Cl-PF30NS





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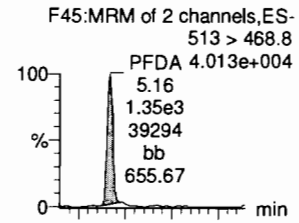
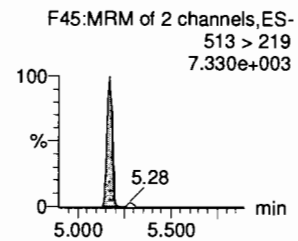
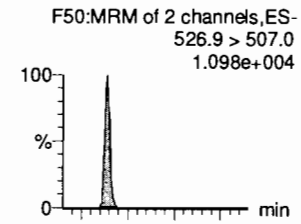
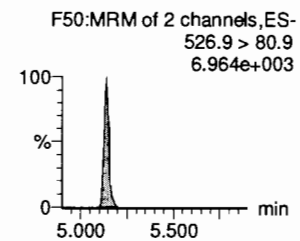




8:2 FTS





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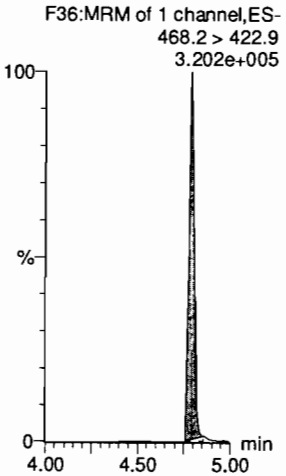
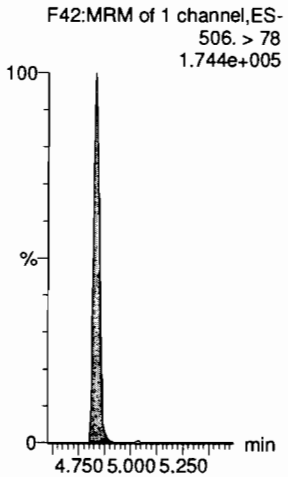
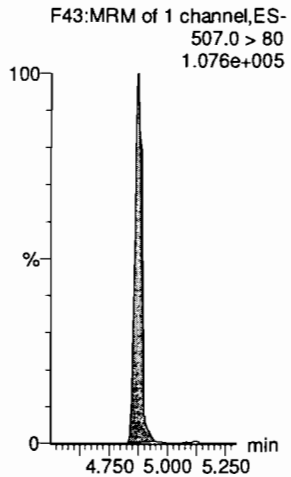


13C8-PFOSA-EIS



13C8-PFOS-EIS



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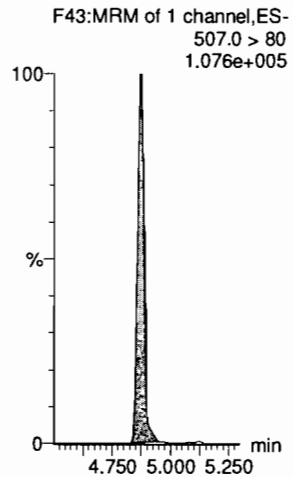

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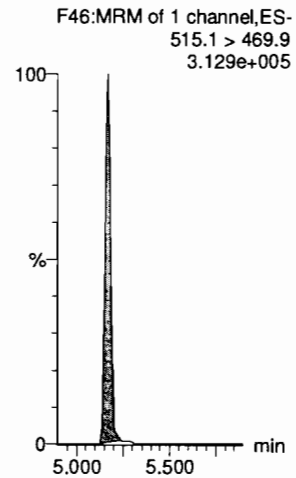
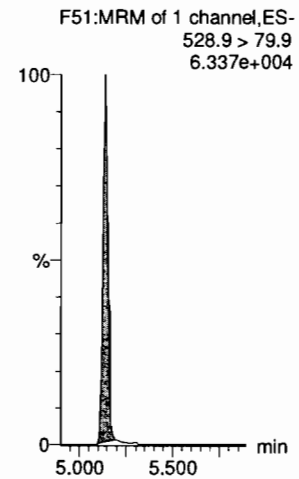


13C2-8:2 FTS-EIS



FBR 7/6/2020

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Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

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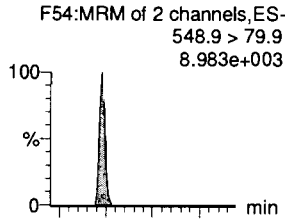

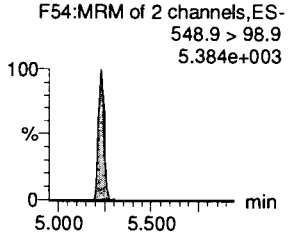

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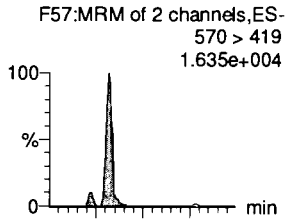

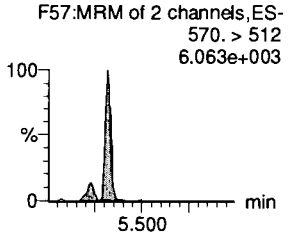

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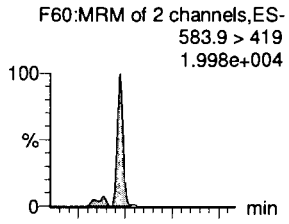

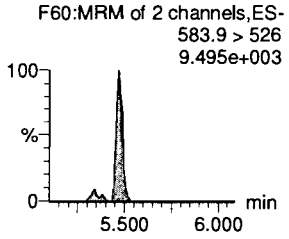

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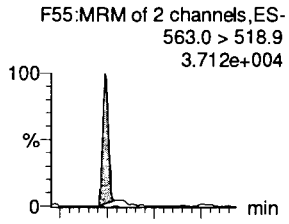

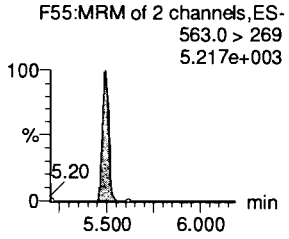

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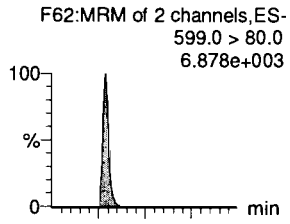

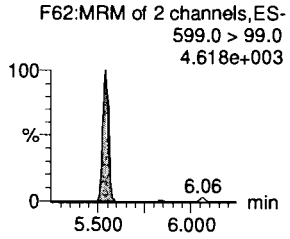

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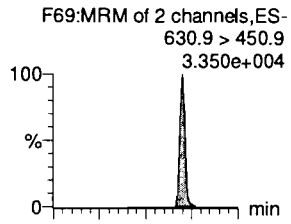
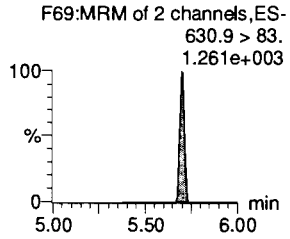
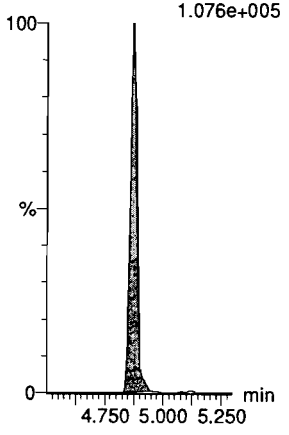




13C8-PFOS-EIS



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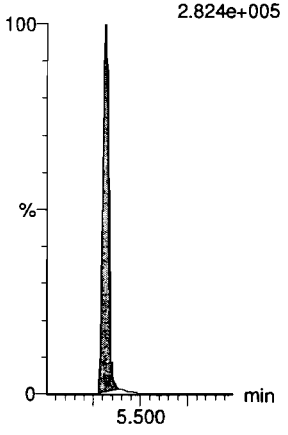

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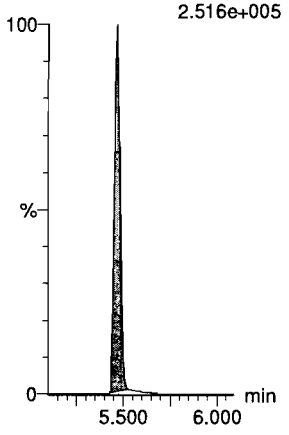

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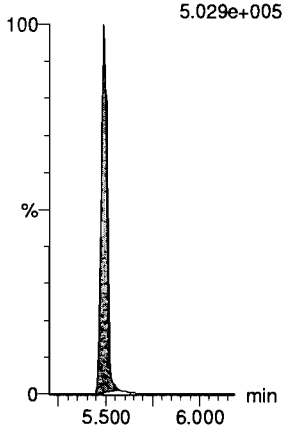

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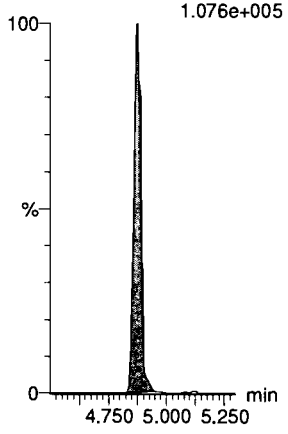

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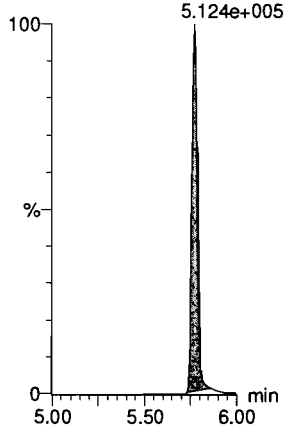

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Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

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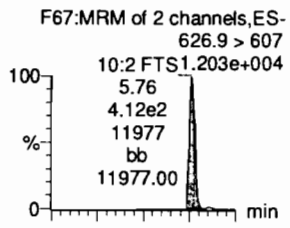
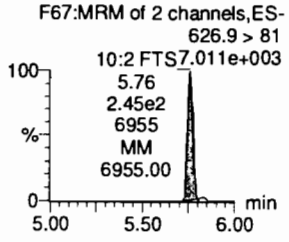
10:2 FTS





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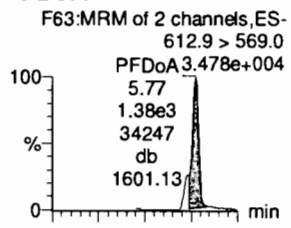
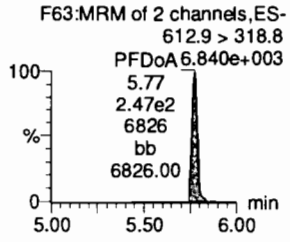
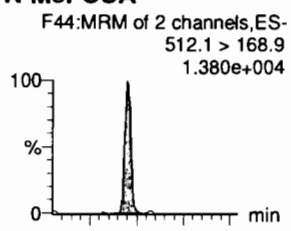
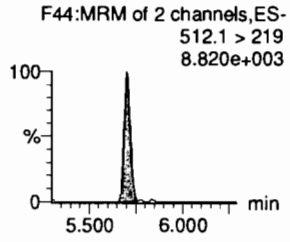


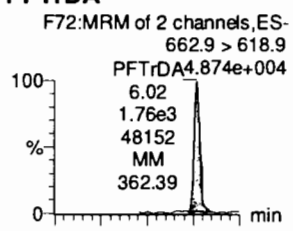


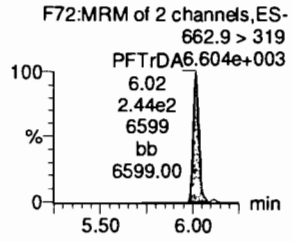
N-MeFOSA



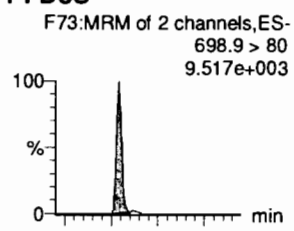


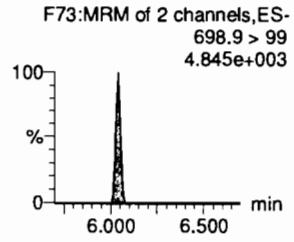
PFTrDA



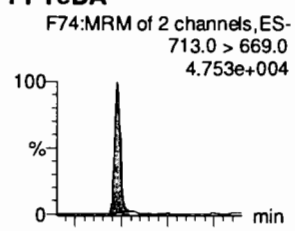


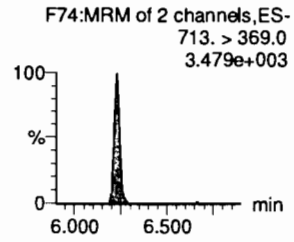
PFDoS



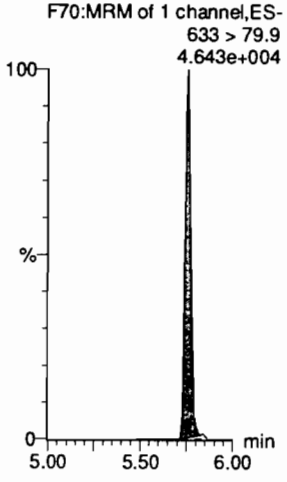


PFTeDA

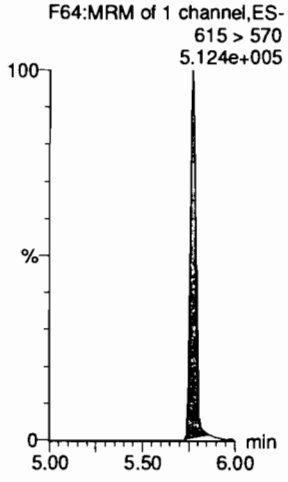




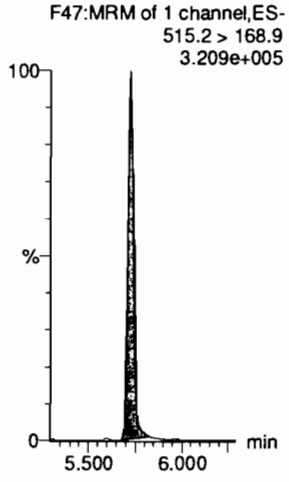
13C2-10:2 FTS-EIS



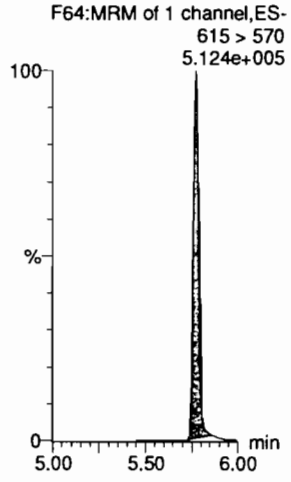
13C2-PFDoA-EIS



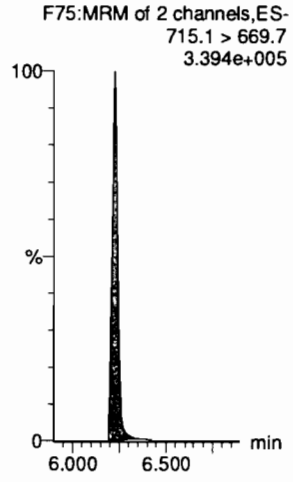
d3-N-MeFOSA-EIS



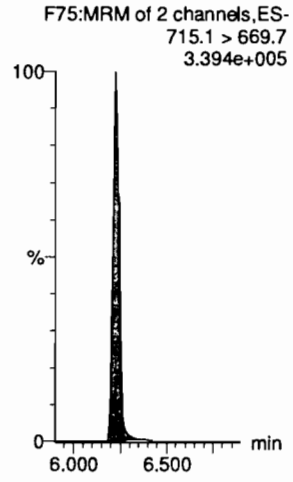
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



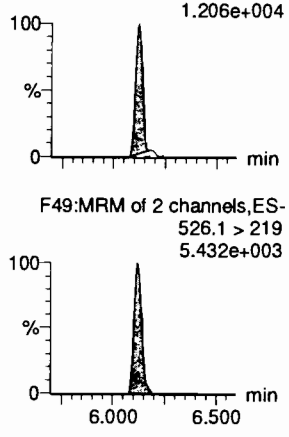
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

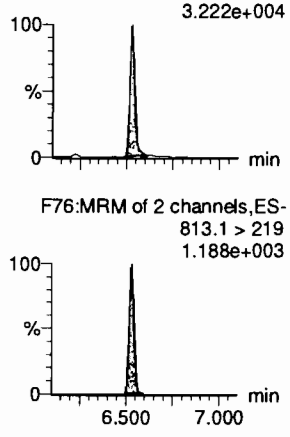
Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

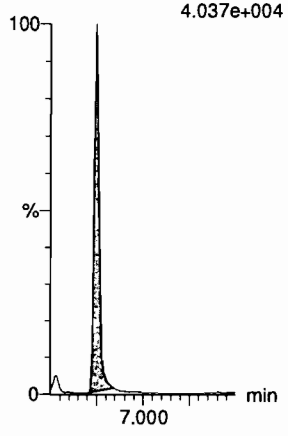
N-EtFOSA



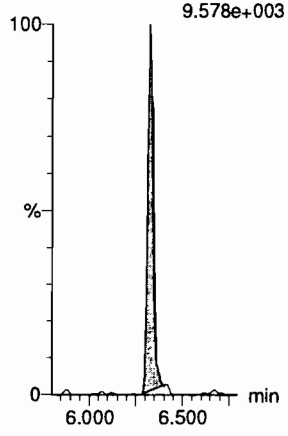
PFHxDA



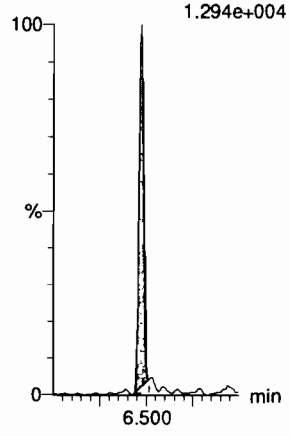
PFODA



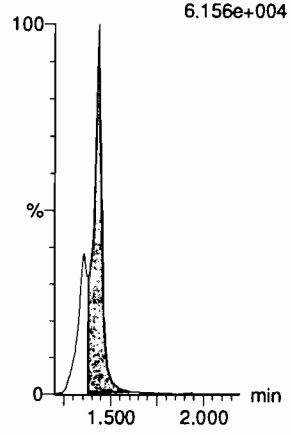
N-MeFOSE



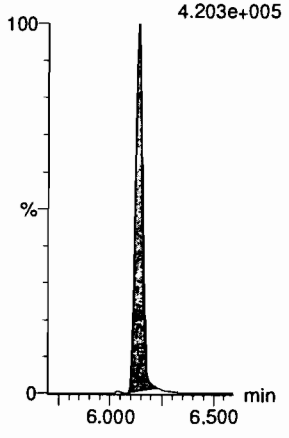
N-EtFOSE



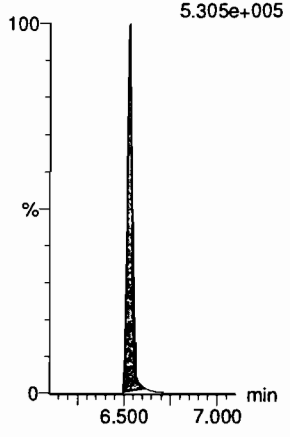
13C3-PFBA-RSD



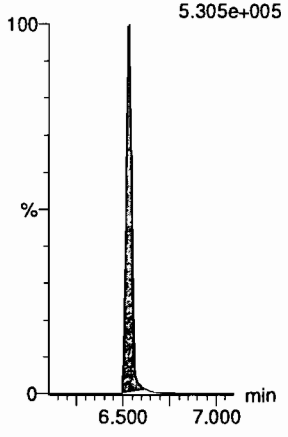
d5-N-ETFOSA-EIS



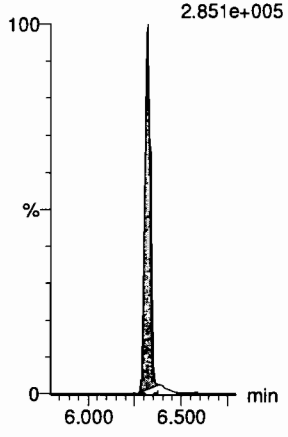
13C2-PFHxDA-EIS



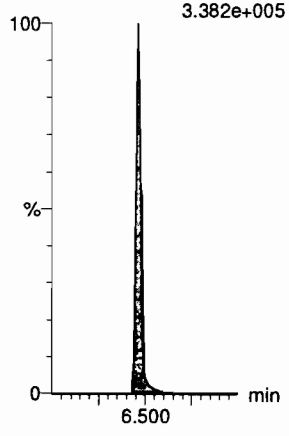
13C2-PFHxDA-EIS



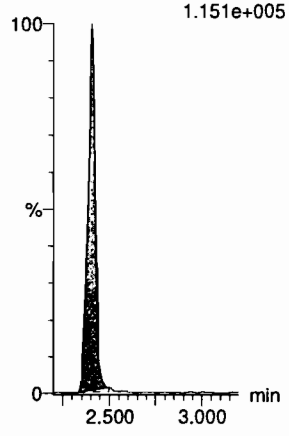
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



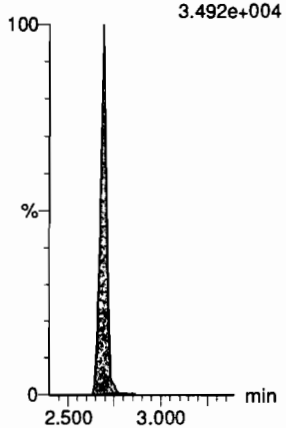
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

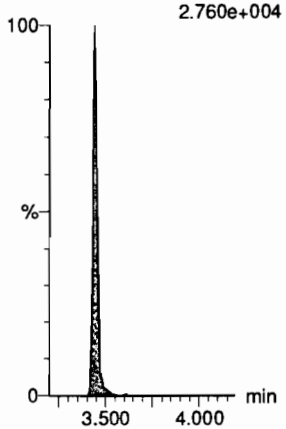
Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

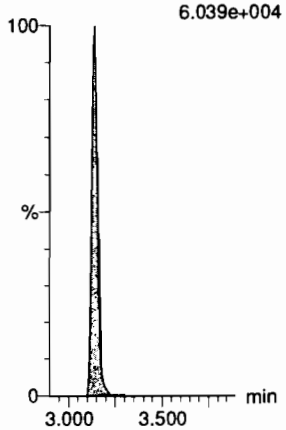
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.492e+004



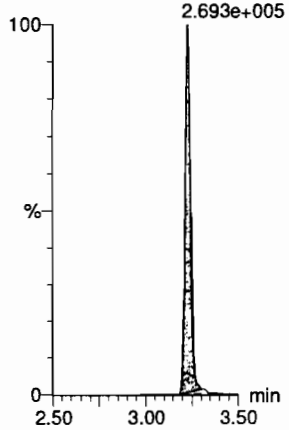
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.760e+004



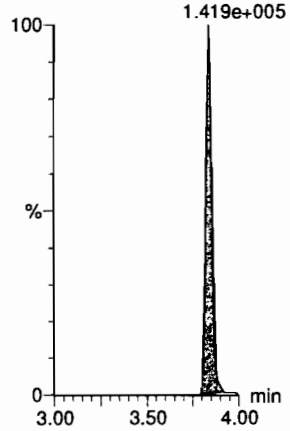
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.039e+004



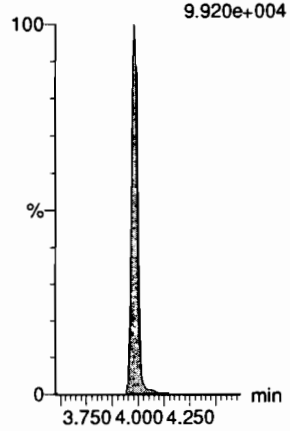
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.693e+005



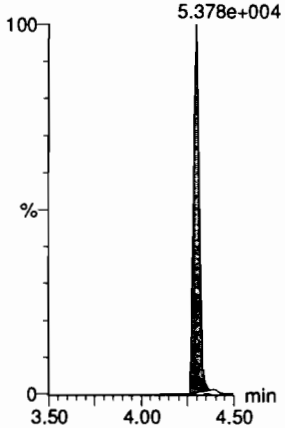
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.419e+005



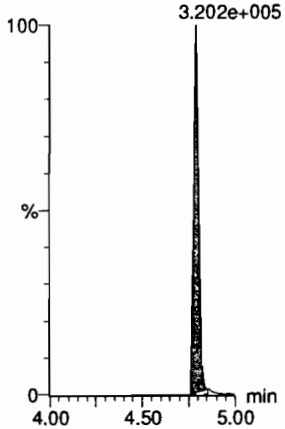
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.920e+004



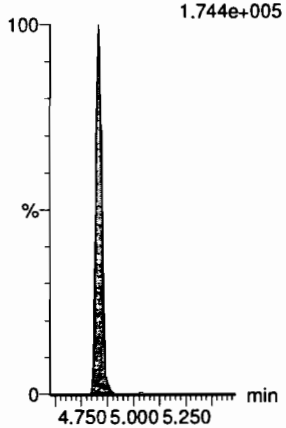
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.378e+004



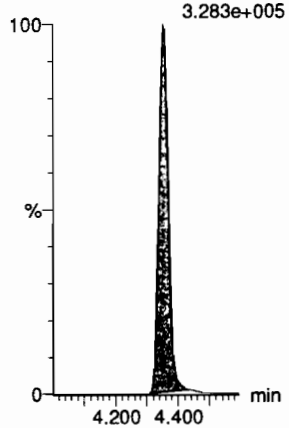
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.202e+005



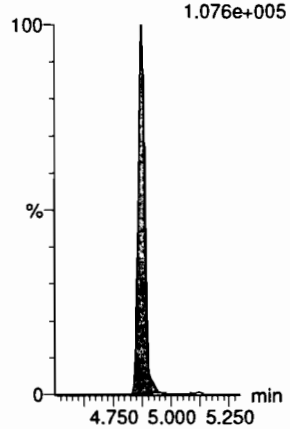
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.744e+005



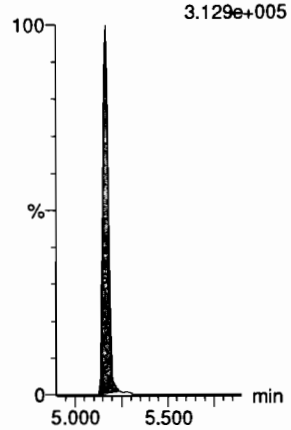
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.283e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.076e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.129e+005



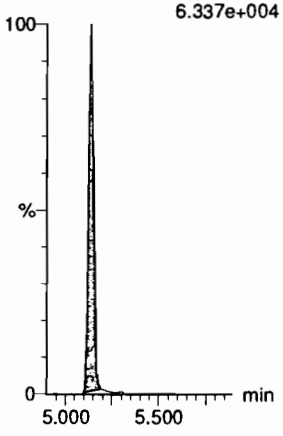
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

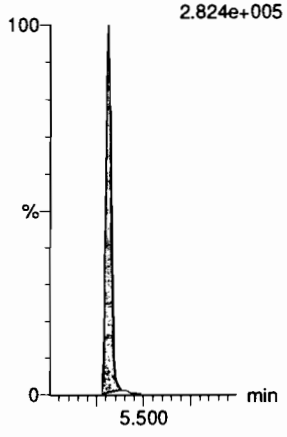
Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

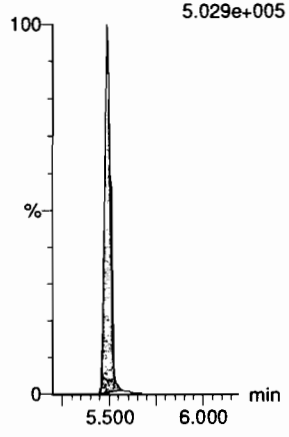
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.337e+004



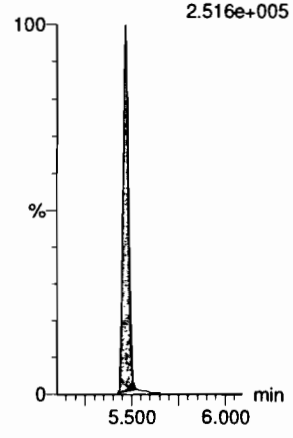
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.824e+005



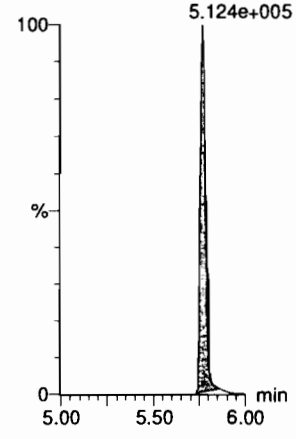
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.029e+005



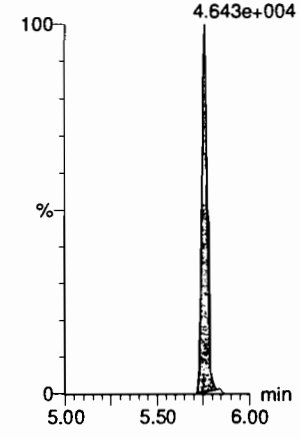
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.516e+005



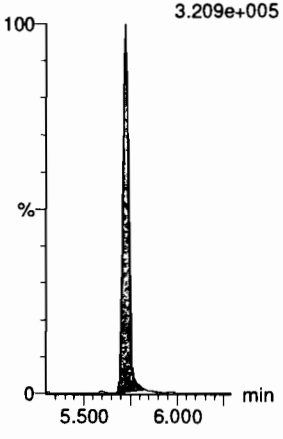
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.124e+005



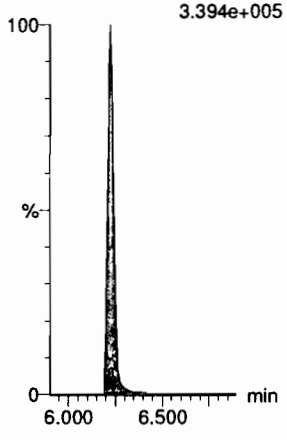
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.643e+004



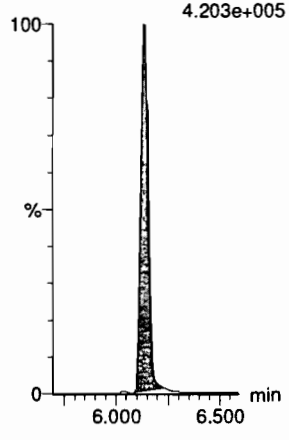
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.209e+005



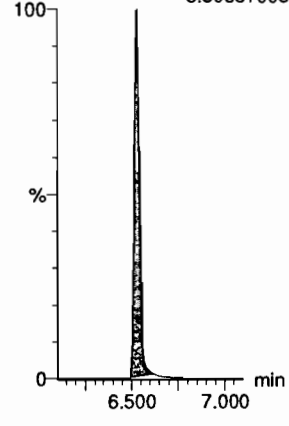
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.394e+005



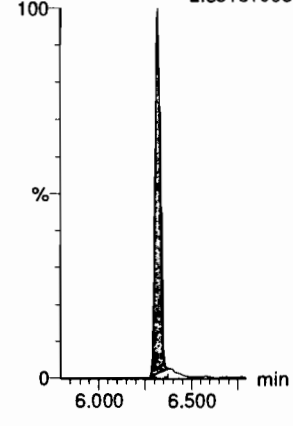
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.203e+005



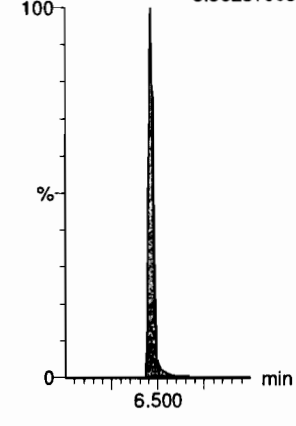
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.305e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.851e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.382e+005



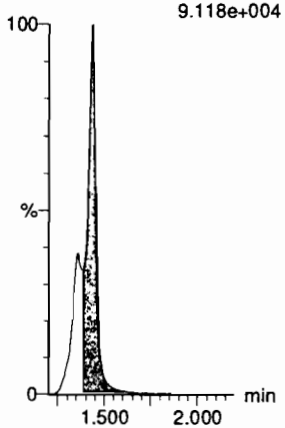
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-64.qld

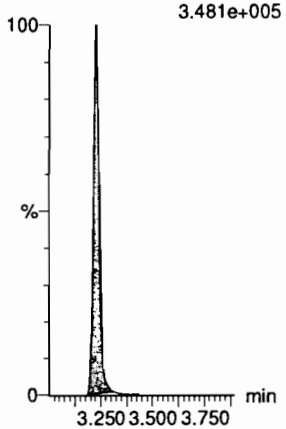
Last Altered: Monday, July 06, 2020 08:31:20 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:31:27 Pacific Daylight Time

Name: 200702M1_64, Date: 03-Jul-2020, Time: 02:20:47, ID: ST200702M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

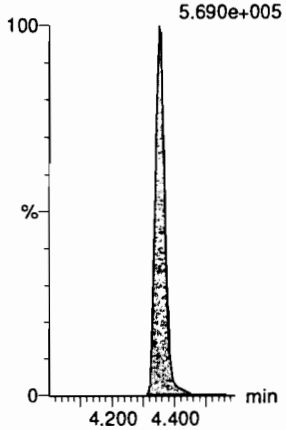
13C4-PFBA



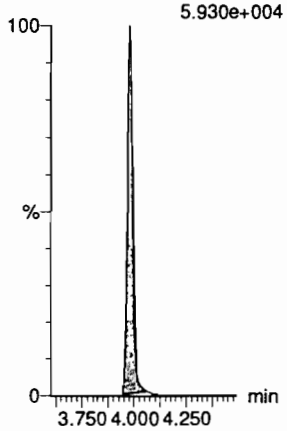
13C5-PFHxA



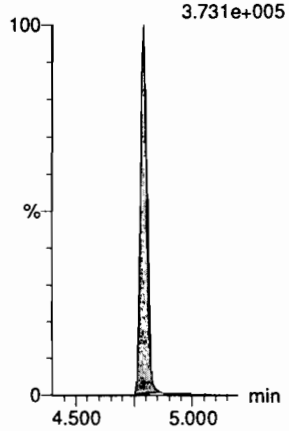
13C8-PFOA



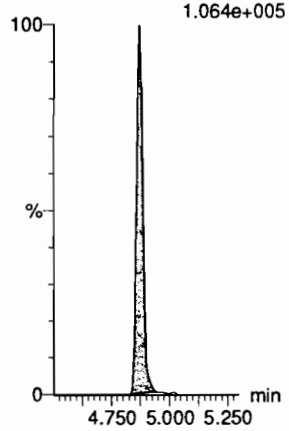
18O2-PFHxS



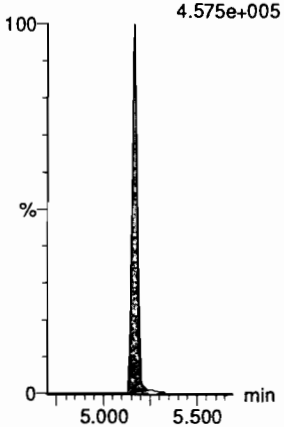
13C9-PFNA



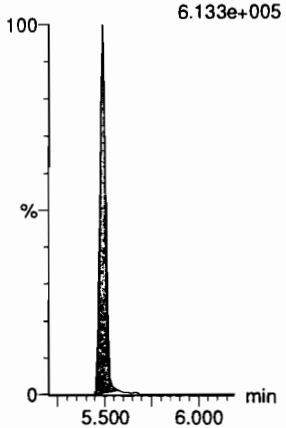
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

VAP 07/06/20

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4241.241	3191.424	1.00	1.43	16.612	10.000	11.0	110.3	NO		
2	2	PFPrS	248.9 > 79.9	2183.706	1380.633	1.00	1.77	19.771	10.000	10.4	104.4	NO	2.418	NO
3	3	3:3 FTCA	241.1 > 177.0	314.375	5667.039	1.00	2.26	0.693	10.000	8.56	85.6	NO	1.917	NO
4	4	PFPeA	263.1 > 218.9	4308.993	5667.039	1.00	2.40	9.505	10.000	10.0	100.3	NO		
5	5	PFBS	299.0 > 79.7	2288.508	1380.633	1.00	2.69	20.720	10.000	10.4	104.1	NO	2.688	NO
6	6	4:2 FTS	327.0 > 306.9	5492.132	2321.140	1.00	3.14	29.577	10.000	10.8	107.9	NO	2.022	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	3191.424		1.00	1.43	3191.424	12.500	13.3	106.3	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1380.633		1.00	2.69	1380.633	12.500	12.6	100.9	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5667.039		1.00	2.40	5667.039	12.500	14.0	111.9	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5667.039		1.00	2.40	5667.039	12.500	14.0	111.9	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1380.633		1.00	2.69	1380.633	12.500	12.6	100.9	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2321.140		1.00	3.14	2321.140	12.500	13.4	107.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9076.280	9705.387	1.00	3.23	11.690	10.000	9.97	99.7	NO	15.500	NO
15	8	PFPeS	349.0 > 80.0	2609.546	1380.633	1.00	3.42	23.626	10.000	10.2	102.2	NO	1.664	NO
16	9	HFPO-DA	285.1 > 168.9	651.250	868.581	1.00	3.44	9.372	10.000	10.2	102.2	NO	2.196	NO
17	10	5:3 FTCA	340.9 > 236.9	1981.325	5783.285	1.00	3.77	4.282	10.000	10.4	104.4	NO	1.500	NO
18	11	PFHpA	363.0 > 318.9	5839.317	5783.285	1.00	3.83	12.621	10.000	10.1	101.2	NO	8.808	NO
19	12	ADONA	376.8 > 250.9	24589.785	5783.285	1.00	3.94	53.148	10.000	9.33	93.3	NO	3.606	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9705.387		1.00	3.23	9705.387	12.500	13.2	105.2	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1380.633		1.00	2.69	1380.633	12.500	12.6	100.9	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	868.581		1.00	3.44	868.581	12.500	13.1	104.9	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5783.285		1.00	3.83	5783.285	12.500	14.7	118.0	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5783.285		1.00	3.83	5783.285	12.500	14.7	118.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5783.285		1.00	3.83	5783.285	12.500	14.7	118.0	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2840.693	3383.050	1.00	3.98	10.496	10.000	10.7	107.3	NO	1.816	NO
28	15	6:2 FTS	427 > 407.0	4375.331	1978.928	1.00	4.30	27.637	10.000	9.13	91.3	NO	2.121	NO
29	16	L-PFOA	412.8 > 368.9	16291.919	13141.881	1.00	4.35	15.496	10.000	9.91	99.1	NO	3.736	NO
30	18	PFecHS	460.8 > 381.0	5168.711	13141.881	1.00	4.36	4.916	10.000	9.36	93.6	NO	0.943	NO
31	19	PFHpS	448.9 > 80.0	2919.277	3738.546	1.00	4.46	9.761	10.000	10.9	109.1	NO	1.917	NO
32	20	7:3 FTCA	441.0 > 337.0	4133.040	10088.164	1.00	4.77	5.121	10.000	9.95	99.5	NO	1.368	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3383.050		1.00	3.98	3383.050	12.500	13.1	104.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1978.928		1.00	4.30	1978.928	12.500	13.4	107.2	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13141.881		1.00	4.35	13141.881	12.500	13.9	111.2	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13141.881		1.00	4.35	13141.881	12.500	13.9	111.2	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

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Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3738.546		1.00	4.87	3738.546	12.500	13.1	104.7	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	10088.164		1.00	4.79	10088.164	12.500	13.2	105.4	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	11772.648	10088.164	1.00	4.79	14.587	10.000	10.4	104.4	NO	3.651	NO
41	22	PFOSA	498.0 > 78.0	4449.527	5707.319	1.00	4.83	9.745	10.000	10.4	104.1	NO	27.301	NO
42	23	L-PFOS	499 > 80	3077.630	3738.546	1.00	4.87	10.290	10.000	10.2	101.8	NO	2.103	NO
43	25	9Cl-PF30NS	531 > 351.0	10726.197	3738.546	1.00	5.09	35.864	10.000	9.83	98.3	NO	24.642	NO
44	26	PFDA	513 > 468.8	14185.099	11205.048	1.00	5.16	15.824	10.000	10.2	101.8	NO	4.785	NO
45	27	8:2 FTS	526.9 > 507.0	3984.047	2324.159	1.00	5.13	21.427	10.000	9.50	95.0	NO	1.609	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	10088.164		1.00	4.79	10088.164	12.500	13.2	105.4	NO		
47	67	13C8-PFOSA-EIS	506. > 78	5707.319		1.00	4.83	5707.319	12.500	14.2	113.6	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3738.546		1.00	4.87	3738.546	12.500	13.1	104.7	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3738.546		1.00	4.87	3738.546	12.500	13.1	104.7	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	11205.048		1.00	5.16	11205.048	12.500	13.9	111.0	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2324.159		1.00	5.13	2324.159	12.500	13.3	106.7	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	3325.002	3738.546	1.00	5.22	11.117	10.000	10.5	104.8	NO	1.488	NO
54	29	L-MeFOSAA	570 > 419	6973.823	10129.722	1.00	5.31	8.606	10.000	10.1	101.4	NO	2.518	NO
55	31	L-EtFOSAA	583.9 > 419	7250.774	9070.854	1.00	5.47	9.992	10.000	9.75	97.5	NO	1.292	NO
56	33	PFUdA	563.0 > 518.9	13522.067	17645.229	1.00	5.48	9.579	10.000	10.6	106.5	NO	7.168	NO
57	34	PFDS	599.0 > 80.0	2566.303	3738.546	1.00	5.53	8.581	10.000	10.5	104.7	NO	1.408	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	9856.087	21230.873	1.00	5.70	5.803	10.000	10.1	100.6	NO	20.733	NO
59	73	13C8-PFOS-EIS	507.0 > 80	3738.546		1.00	4.87	3738.546	12.500	13.1	104.7	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	10129.722		1.00	5.31	10129.722	12.500	12.7	101.2	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	9070.854		1.00	5.47	9070.854	12.500	12.7	101.6	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	17645.229		1.00	5.48	17645.229	12.500	12.7	101.7	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3738.546		1.00	4.87	3738.546	12.500	13.1	104.7	NO		
64	85	13C2-PFDoA-EIS	615 > 570	21230.873		1.00	5.77	21230.873	12.500	13.7	109.2	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	4320.027	1711.960	1.00	5.76	31.543	10.000	9.52	95.2	NO	1.584	NO
67	37	PFDoA	612.9 > 569.0	17796.557	21230.873	1.00	5.77	10.478	10.000	10.5	104.9	NO	8.403	NO
68	38	N-MeFOSA	512.1 > 168.9	4985.008	12991.881	1.00	5.70	57.248	50.000	54.7	109.4	NO	1.645	NO
69	39	PFTrDA	662.9 > 618.9	17043.408	21230.873	1.00	6.01	10.035	10.000	10.5	104.6	NO	9.996	NO
70	40	PFDoS	698.9 > 80	3261.330	12727.193	1.00	6.03	3.203	10.000	10.3	103.0	NO	1.786	NO
71	41	PFTeDA	713.0 > 669.0	15988.536	12727.193	1.00	6.22	15.703	10.000	9.86	98.6	NO	13.122	NO
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1711.960		1.00	5.76	1711.960	12.500	13.2	105.2	NO		

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Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	21230.873		1.00	5.77	21230.873	12.500	13.7	109.2	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	12991.881		1.00	5.72	12991.881	149.200	174	116.8	NO		
75	85	13C2-PFDoA-EIS	615 > 570	21230.873		1.00	5.77	21230.873	12.500	13.7	109.2	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	12727.193		1.00	6.22	12727.193	12.500	12.6	100.4	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	12727.193		1.00	6.22	12727.193	12.500	12.6	100.4	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	4862.396	17935.689	1.00	6.12	40.448	50.000	49.3	98.6	NO	1.636	NO
80	43	PFHxDA	813.1 > 768.6	9534.158	18647.941	1.00	6.53	6.391	10.000	9.94	99.4	NO	19.423	NO
81	44	PFODA	913.1 > 868.8	13356.229	18647.941	1.00	6.74	8.953	10.000	10.7	106.9	NO		
82	45	N-MeFOSE	616.1 > 58.9	3209.471	10179.806	1.00	6.33	47.040	50.000	51.0	102.1	NO		
83	46	N-EtFOSE	630.1 > 58.9	4017.343	11145.03(	1.00	6.47	53.781	50.000	52.0	104.1	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3188.679	4806.871	1.00	1.43	8.292	12.500	12.5	100.2	NO		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	17935.689		1.00	6.13	17935.689	149.200	163	109.1	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	18647.941		1.00	6.53	18647.941	12.500	12.6	100.8	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	18647.941		1.00	6.53	18647.941	12.500	12.6	100.8	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	10179.806		1.00	6.32	10179.806	149.200	162	108.3	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	11145.03(		1.00	6.46	11145.03(	149.200	172	115.0	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	5667.039	12812.591	1.00	2.40	5.529	12.500	12.2	97.9	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1430.599	1777.282	1.00	2.69	10.062	12.500	13.3	106.0	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	868.581	12812.591	1.00	3.44	0.847	12.500	12.1	96.9	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	2321.140	1777.282	1.00	3.14	16.325	12.500	13.2	105.8	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	9705.366	12812.591	1.00	3.23	9.469	12.500	12.0	95.7	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5783.285	12812.591	1.00	3.83	5.642	12.500	12.3	98.6	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3383.050	1777.282	1.00	3.98	23.794	12.500	13.2	105.3	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1978.928	3589.557	1.00	4.30	6.891	12.500	12.7	101.3	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	10088.164	11753.121	1.00	4.79	10.729	12.500	12.1	97.0	NO		
100	68	13C8-PFOSA-RSD	506. > 78	5710.773	20926.738	1.00	4.83	3.411	12.500	12.9	103.0	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	13141.881	20730.953	1.00	4.35	7.924	12.500	13.2	105.6	NO		
102	74	13C8-PFOS-RSD	507.0 > 80	3738.546	3589.557	1.00	4.87	13.019	12.500	12.4	98.9	NO		
103	76	13C2-PFDA-RSD	515.1 > 469.9	11205.048	14786.029	1.00	5.16	9.473	12.500	13.3	106.2	NO		
104	-1													
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2324.159	3589.557	1.00	5.13	8.093	12.500	12.8	102.1	NO		
106	80	d3-N-MeFOSAA-RSD	573. > 419	10129.722	20926.738	1.00	5.31	6.051	12.500	12.2	98.0	NO		
107	82	13C2-PFUdA-RSD	565 > 519.8	17644.561	20926.738	1.00	5.48	10.539	12.500	12.3	98.1	NO		
108	84	d5-N-EtFOSAA-RSD	589. > 419	9071.037	20926.738	1.00	5.47	5.418	12.500	13.0	103.8	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	21230.873	14786.029	1.00	5.77	17.948	12.500	13.6	109.0	NO		
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1712.204	3589.557	1.00	5.76	5.962	12.500	13.4	107.3	NO		
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	12991.881	20926.738	1.00	5.72	7.760	149.200	158	106.0	NO		
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	12727.193	20926.738	1.00	6.22	7.602	12.500	12.0	96.4	NO		
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	17935.689	20926.738	1.00	6.13	10.713	149.200	152	102.1	NO		
114	96	13C2-PFHxDA-RSD	815 > 769.7	18647.941	20926.738	1.00	6.53	11.139	12.500	12.0	96.0	NO		
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	10180.576	20926.738	1.00	6.32	6.081	149.200	149	100.1	NO		
116	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	11145.030	20926.738	1.00	6.46	6.657	149.200	155	104.1	NO		
117	-1													
118	1...	13C4-PFBA	217.0 > 172.0	4806.871	4806.871	1.00	1.43	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	12812.591	12812.591	1.00	3.23	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	20730.953	20730.953	1.00	4.35	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0	1777.282	1777.282	1.00	3.97	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	11753.121	11753.121	1.00	4.79	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	3589.557	3589.557	1.00	4.87	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	14786.029	14786.029	1.00	5.16	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	20926.738	20926.738	1.00	5.48	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:40:08 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Compound name: PFBA

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1	1 200702M1_1	IPA	02-Jul-20	15:26:29
2	2 200702M1_2	IPA	02-Jul-20	15:36:55
3	3 200702M1_3	ST200702M1-1 PFC CS-2 20F1901	02-Jul-20	15:47:20
4	4 200702M1_4	ST200702M1-2 PFC CS-1 20F1902	02-Jul-20	15:57:44
5	5 200702M1_5	ST200702M1-3 PFC CS0 20F1903	02-Jul-20	16:08:09
6	6 200702M1_6	ST200702M1-4 PFC CS1 20F1904	02-Jul-20	16:18:34
7	7 200702M1_7	ST200702M1-5 PFC CS2 20F1905	02-Jul-20	16:28:57
8	8 200702M1_8	ST200702M1-6 PFC CS3 20F1906	02-Jul-20	16:39:19
9	9 200702M1_9	ST200702M1-7 PFC CS4 20F1907	02-Jul-20	16:49:41
10	10 200702M1_10	ST200702M1-8 PFC CS5 20F1908	02-Jul-20	17:00:04
11	11 200702M1_11	ST200702M1-9 PFC CS6 20F1909	02-Jul-20	17:11:07
12	12 200702M1_12	ST200702M1-10 PFC CS7 20F1910	02-Jul-20	17:21:28
13	13 200702M1_13	IB	02-Jul-20	17:31:50
14	14 200702M1_14	ICV200702M1-1 PFC ICV 20F1911	02-Jul-20	17:42:13
15	15 200702M1_15	IB	02-Jul-20	17:52:35
16	16 200702M1_16	2001303-20 GW1 0.25266	02-Jul-20	18:02:57
17	17 200702M1_17	2001332-15 GW2 0.26093	02-Jul-20	18:13:19
18	18 200702M1_18	2001332-16 GW (duplicate) 0.26101	02-Jul-20	18:23:42
19	19 200702M1_19	B0F0093-BLK1 Method Blank 0.25	02-Jul-20	18:34:04
20	20 200702M1_20	B0F0093-BS1 OPR 0.25	02-Jul-20	18:44:26
21	21 200702M1_21	2001246-01@20X IN-21 0.23603	02-Jul-20	18:54:48
22	22 200702M1_22	2001246-01@5X IN-21 0.23603	02-Jul-20	19:05:10
23	23 200702M1_23	2001246-02@20X OUT-21 0.23853	02-Jul-20	19:15:33
24	24 200702M1_24	2001246-02@5X OUT-21 0.23853	02-Jul-20	19:25:55
25	25 200702M1_25	2001254-08@15X A4-MW3S-R1 0.2577	02-Jul-20	19:36:17
26	26 200702M1_26	B0F0194-BLK1 Method Blank 0.25	02-Jul-20	19:46:39
27	27 200702M1_27	B0F0194-BS1 OPR 0.25	02-Jul-20	19:57:01
28	28 200702M1_28	2001313-01 Epcor Well 10 0.2481	02-Jul-20	20:07:24
29	29 200702M1_29	B0F0204-BLK1 Method Blank 0.25	02-Jul-20	20:17:46
30	30 200702M1_30	B0F0204-BS1 OPR 0.25	02-Jul-20	20:28:08
31	31 200702M1_31	B0F0204-MS1 Matrix Spike 0.24326	02-Jul-20	20:38:30
32	32 200702M1_32	B0F0204-MSD1 Matrix Spike Dup 0.25536	02-Jul-20	20:48:53

Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:40:08 Pacific Daylight Time

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200702M1_33	2001314-01 GW2006151215GSC 0.2497	02-Jul-20	20:59:15
34	34 200702M1_34	IB	02-Jul-20	21:09:37
35	35 200702M1_35	ST200702M1-11 PFC CS3 20F1906	02-Jul-20	21:19:59
36	36 200702M1_36	IB	02-Jul-20	21:30:22
37	37 200702M1_37	2001314-02 GW2006151230MK 0.25721	02-Jul-20	21:40:44
38	38 200702M1_38	2001314-03 FB2006151240MK 0.25672	02-Jul-20	21:51:06
39	39 200702M1_39	2001314-04 GW2006151250GSC 0.24804	02-Jul-20	22:01:28
40	40 200702M1_40	2001314-05 GW2006151305MK 0.25241	02-Jul-20	22:11:50
41	41 200702M1_41	2001314-06 GW2006151305MK-FD 0.25418	02-Jul-20	22:22:13
42	42 200702M1_42	2001314-07 GW2006151320GSC 0.2423	02-Jul-20	22:32:35
43	43 200702M1_43	2001314-08 GW2006151345MK 0.24677	02-Jul-20	22:42:57
44	44 200702M1_44	2001314-09 GW2006151400GSC 0.2498	02-Jul-20	22:53:19
45	45 200702M1_45	2001314-10 GW2006151430GSC 0.24829	02-Jul-20	23:03:42
46	46 200702M1_46	2001314-11 GW2006151440MK 0.2464	02-Jul-20	23:14:04
47	47 200702M1_47	2001314-12 GW2006151515GSC 0.25124	02-Jul-20	23:24:26
48	48 200702M1_48	IB	02-Jul-20	23:34:49
49	49 200702M1_49	ST200702M1-12 PFC CS3 20F1906	02-Jul-20	23:45:13
50	50 200702M1_50	IB	02-Jul-20	23:55:36
51	51 200702M1_51	2001314-13 GW2006151550MK 0.2455	03-Jul-20	00:05:58
52	52 200702M1_52	2001314-14 GW2006151550GSC 0.25924	03-Jul-20	00:16:20
53	53 200702M1_53	2001314-15 GW2006151630GSC 0.249	03-Jul-20	00:26:42
54	54 200702M1_54	2001314-16 GW2006151710GSC 0.24645	03-Jul-20	00:37:05
55	55 200702M1_55	2001314-17 GW2006151740GSC 0.2537	03-Jul-20	00:47:27
56	56 200702M1_56	B0F0230-BLK1 Method Blank 0.125	03-Jul-20	00:57:49
57	57 200702M1_57	B0F0230-BS1 OPR 0.125	03-Jul-20	01:08:11
58	58 200702M1_58	2001343-01 MW1 0.10794	03-Jul-20	01:18:33
59	59 200702M1_59	2001343-02 MW2 0.10261	03-Jul-20	01:28:55
60	60 200702M1_60	2001345-01 Influent 0.11045	03-Jul-20	01:39:18
61	61 200702M1_61	2001345-02 Effluent 0.10918	03-Jul-20	01:49:40
62	62 200702M1_62	2001345-05 Front Street Landfill 0.11161	03-Jul-20	02:00:02
63	63 200702M1_63	IB	03-Jul-20	02:10:25
64	64 200702M1_64	ST200702M1-13 PFC CS0 20F1903	03-Jul-20	02:20:47
65	65 200702M1_65	IB	03-Jul-20	02:31:09
66	66 200702M1_66	2001345-06@10X Septic Receiving 0.11338	03-Jul-20	02:41:31
67	67 200702M1_67	2001387-01 MW-1U_20200625 0.11177	03-Jul-20	02:51:56
68	68 200702M1_68	2001387-02 MW-1U_20200625_FD 0.11303	03-Jul-20	03:02:21

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Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:40:08 Pacific Daylight Time

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200702M1_69	B0F0198-BLK1 Method Blank 1	03-Jul-20	03:12:43
70	70 200702M1_70	B0F0198-BS1 OPR 1	03-Jul-20	03:23:05
71	71 200702M1_71	B0F0198-MS1 Matrix Spike 1.08	03-Jul-20	03:33:28
72	72 200702M1_72	B0F0198-MSD1 Matrix Spike Dup 1.06	03-Jul-20	03:43:50
73	73 200702M1_73	2001222-08RE2 SB-14 3-5' 1.09	03-Jul-20	03:54:12
74	74 200702M1_74	2001299-04 AB-8 (0.5-1) 1.2	03-Jul-20	04:04:35
75	75 200702M1_75	2001299-05 AB-8 (7.5-8) 1.52	03-Jul-20	04:14:57
76	76 200702M1_76	2001299-06 AB-9 (0.5-1) 1.2	03-Jul-20	04:25:19
77	77 200702M1_77	2001299-07 AB-9 (5.5-6) 1.48	03-Jul-20	04:35:41
78	78 200702M1_78	B0F0288-BLK1 Method Blank 0.125	03-Jul-20	04:46:03
79	79 200702M1_79	B0F0288-BS1 OPR 0.125	03-Jul-20	04:56:25
80	80 200702M1_80	B0F0288-MS1 Matrix Spike 0.09959	03-Jul-20	05:06:48
81	81 200702M1_81	B0F0288-MSD1 Matrix Spike Dup 0.10233	03-Jul-20	05:17:10
82	82 200702M1_82	B0F0288-MS2 Matrix Spike 0.10674	03-Jul-20	05:27:32
83	83 200702M1_83	B0F0288-MSD2 Matrix Spike Dup 0.113	03-Jul-20	05:37:54
84	84 200702M1_84	2001268-01RE1 DW-EB-Apparatus 0.11418	03-Jul-20	05:48:19
85	85 200702M1_85	2001268-02RE1 DW-R-21SMW 0.11689	03-Jul-20	05:58:45
86	86 200702M1_86	2001268-03RE1 DW-R-21SMW-DUP 0.11073	03-Jul-20	06:09:09
87	87 200702M1_87	IB	03-Jul-20	06:19:34
88	88 200702M1_88	ST200702M1-14 PFC CS3 20F1906	03-Jul-20	06:30:00
89	89 200702M1_89	IB	03-Jul-20	06:40:22
90	90 200702M1_90	2001268-13RE1 L-L-1 0.10682	03-Jul-20	06:50:47
91	91 200702M1_91	2001272-01RE1 GW-MW-8 0.11168	03-Jul-20	07:01:11
92	92 200702M1_92	2001272-04RE1 GW-FPC-7A 0.11203	03-Jul-20	07:11:36
93	93 200702M1_93	2001272-05RE1 GW-FPC-7B 0.11701	03-Jul-20	07:22:01
94	94 200702M1_94	2001272-08RE1 GW-GZ-105 0.11098	03-Jul-20	07:32:25
95	95 200702M1_95	2001272-10RE1 GW-FPC-8A 0.11585	03-Jul-20	07:42:51
96	96 200702M1_96	IB	03-Jul-20	07:53:16
97	97 200702M1_97	ST200702M1-15 PFC CS3 20F1906	03-Jul-20	08:03:38
98	98 200702M1_98	IB	03-Jul-20	08:14:00

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Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

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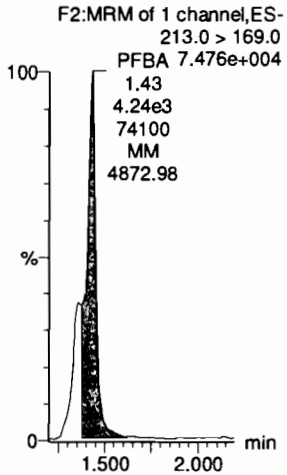
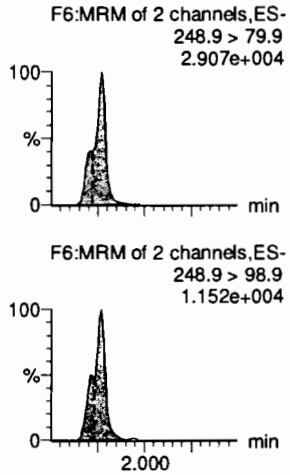
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

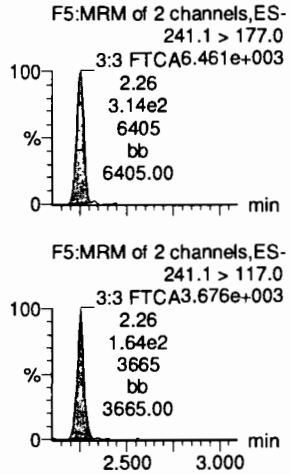
PFBA



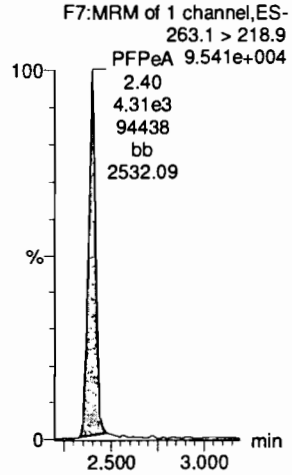
PFPrS



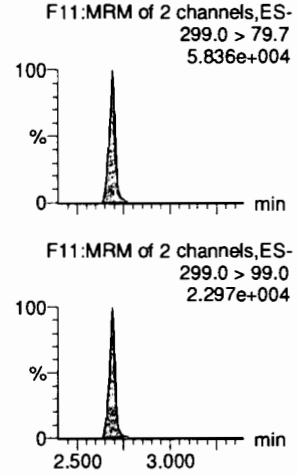
3:3 FTCA



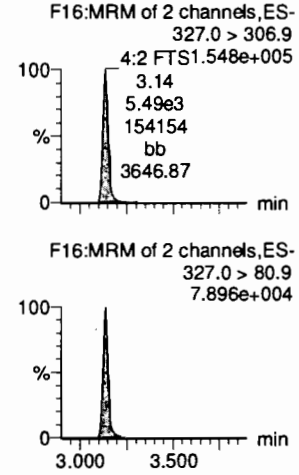
PFPeA



PFBS



4:2 FTS



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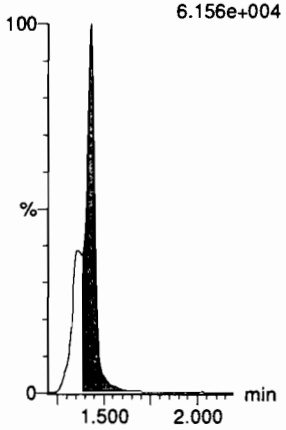

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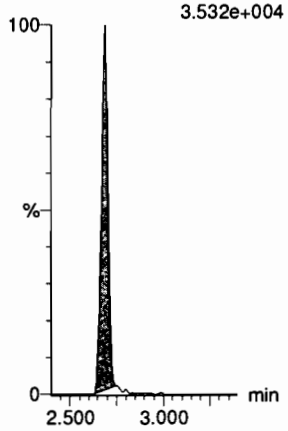

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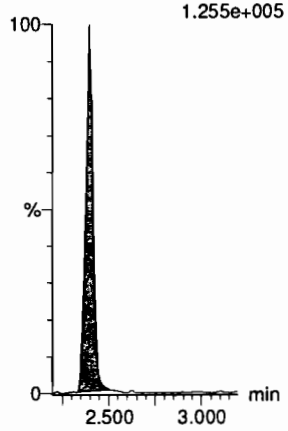

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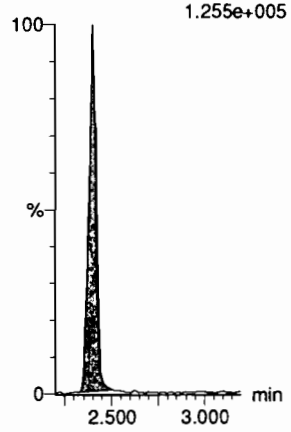

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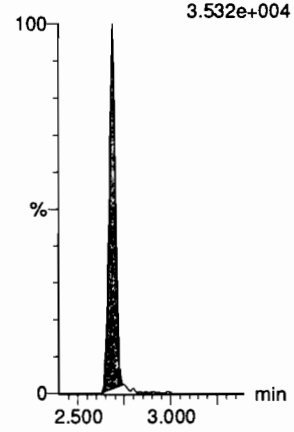

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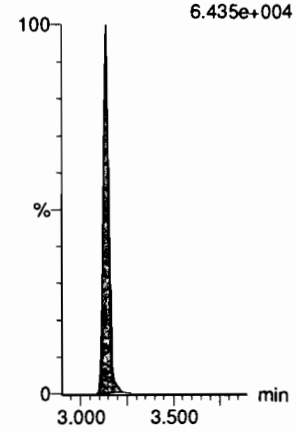


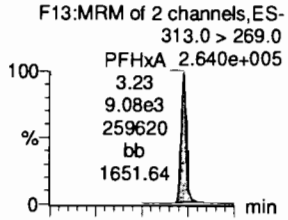
FBR 7/6/2020

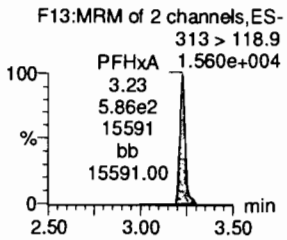
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFHxA





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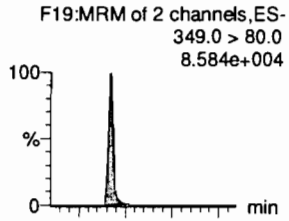
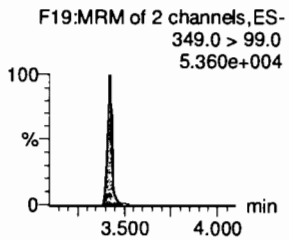
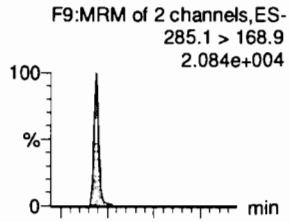
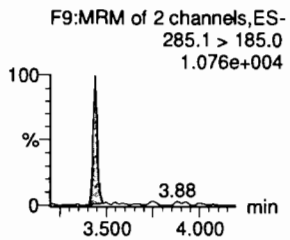


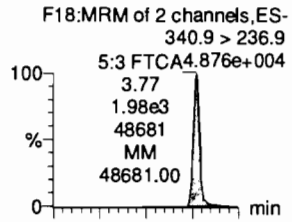


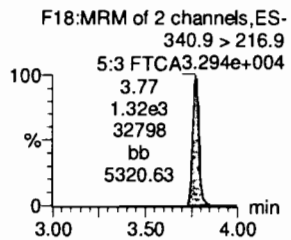
HFPO-DA



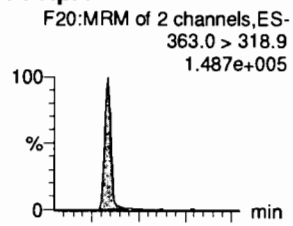


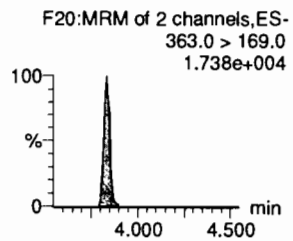
5:3 FTCA





PFHpA





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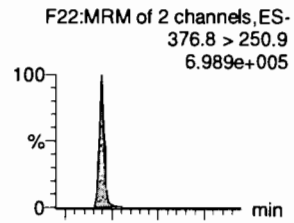
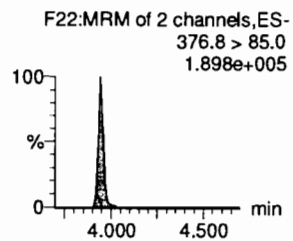
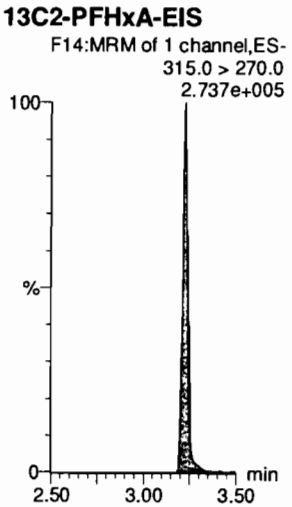
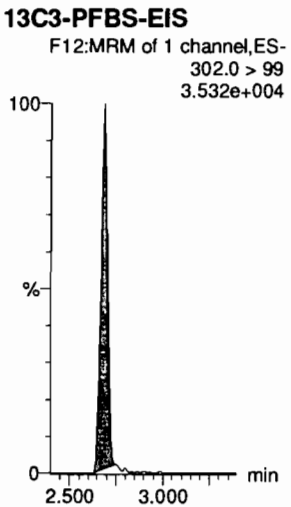




13C2-PFHxA-EIS



13C3-PFBS-EIS



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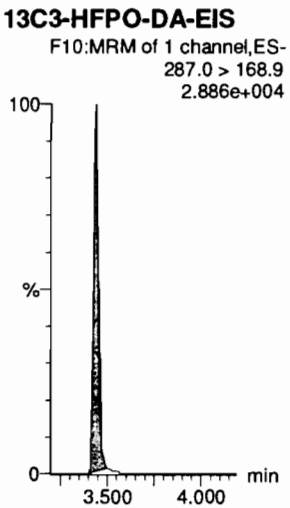
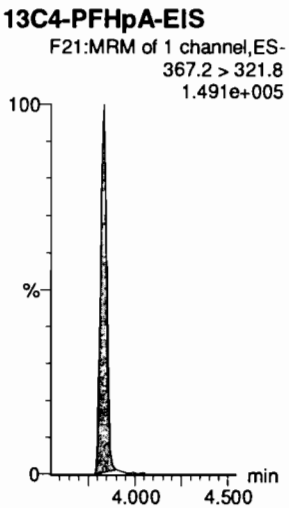


13C4-PFHpA-EIS



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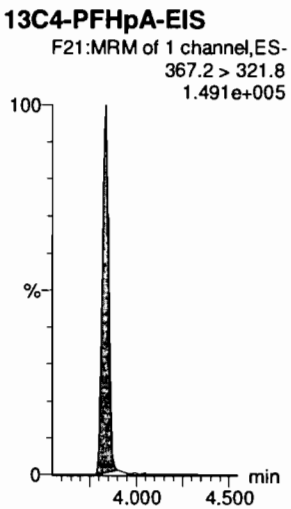

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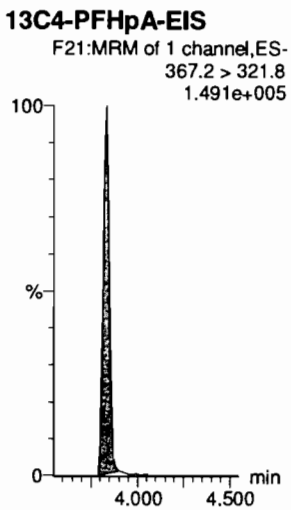

FBR 7/6/2020

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

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Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

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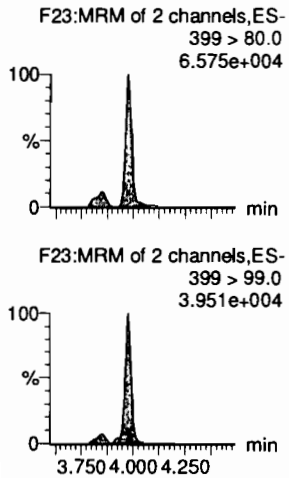
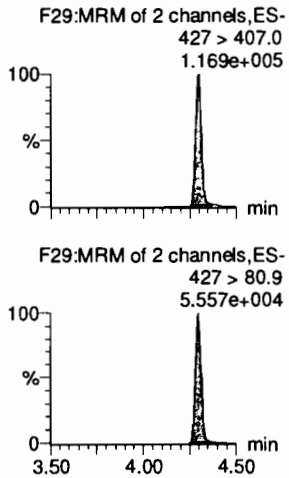


6:2 FTS



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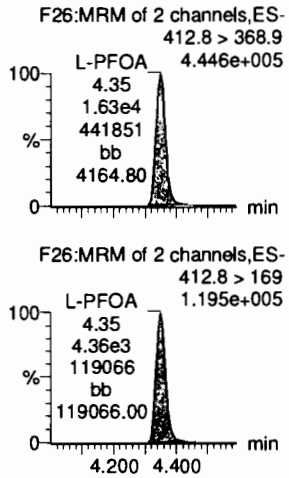

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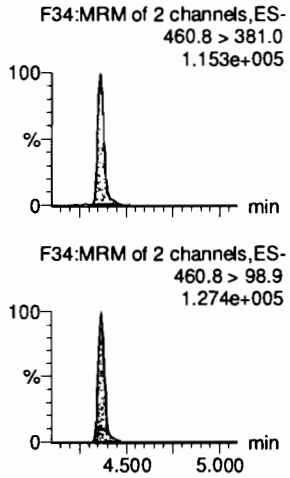

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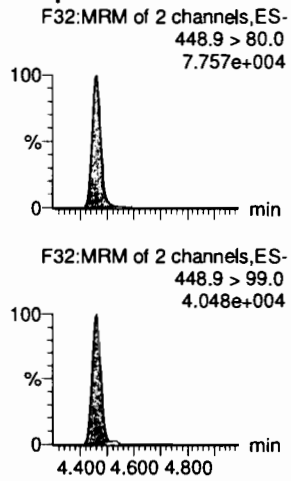
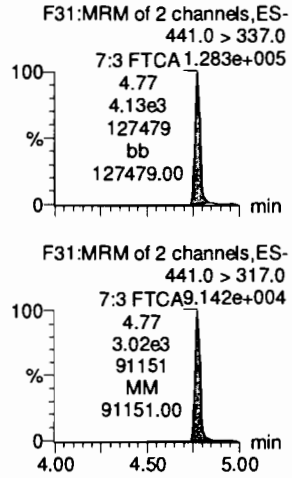


7:3 FTCA



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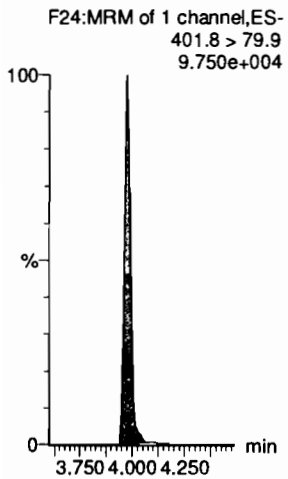
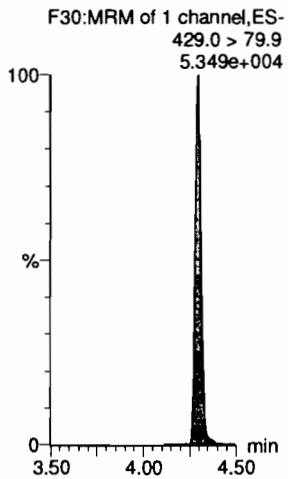


13C2-6:2 FTS-EIS



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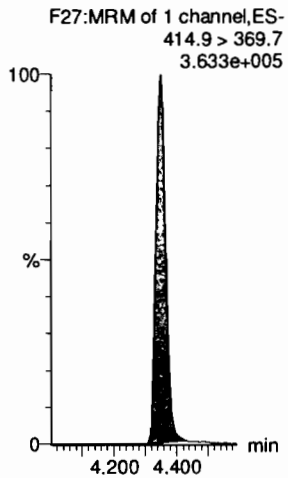

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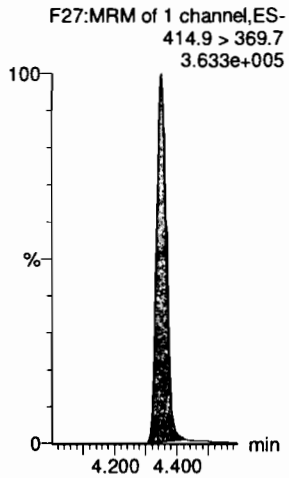

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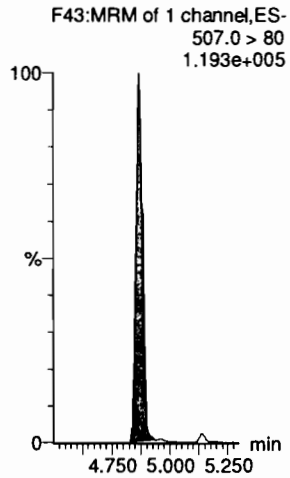
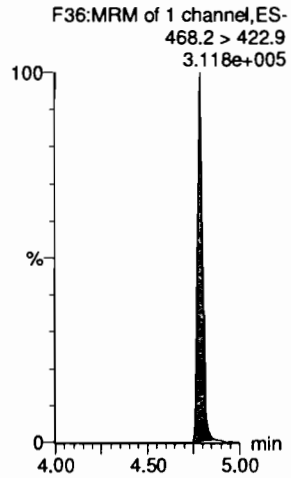


13C5-PFNA-EIS



FBR 7/6/2020

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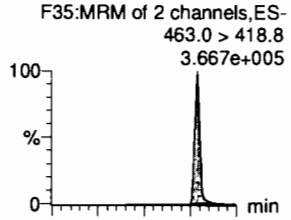
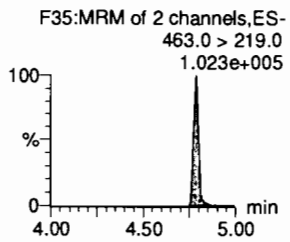
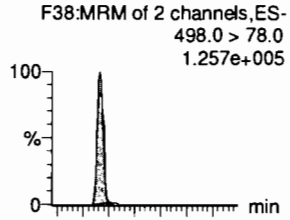
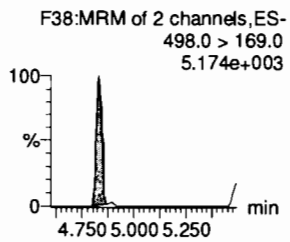
PFNA



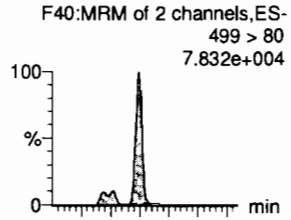


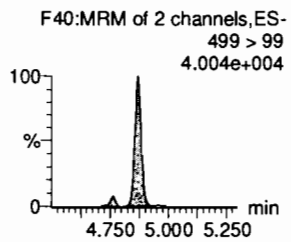
PFOSA





L-PFOS





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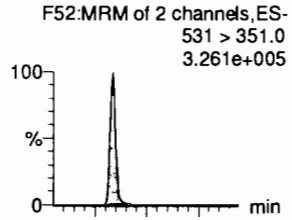

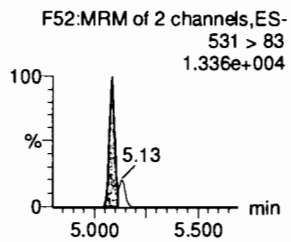

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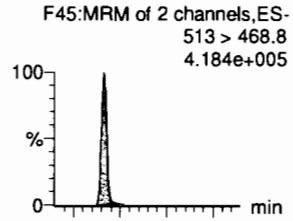
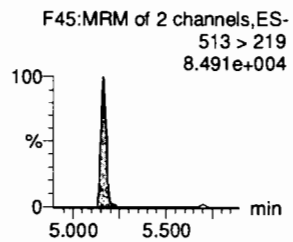
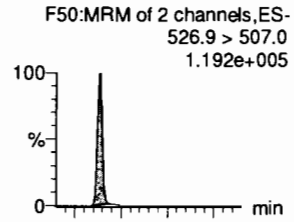
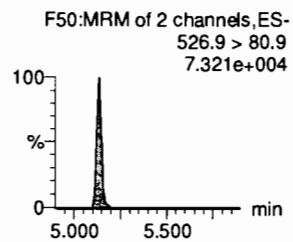




8:2 FTS





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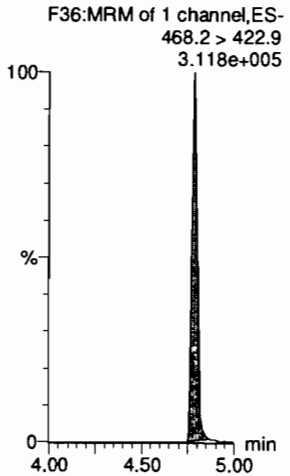

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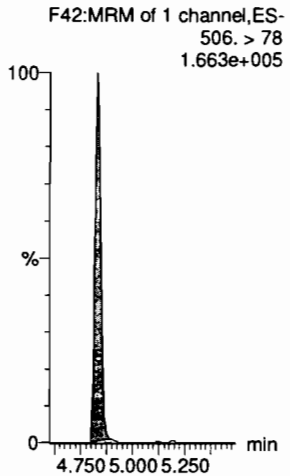

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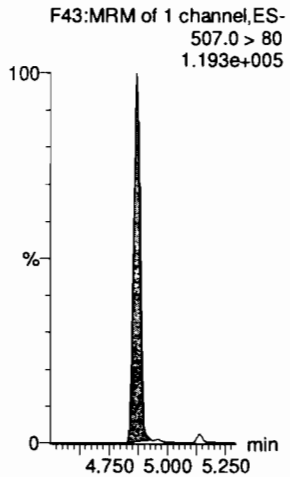

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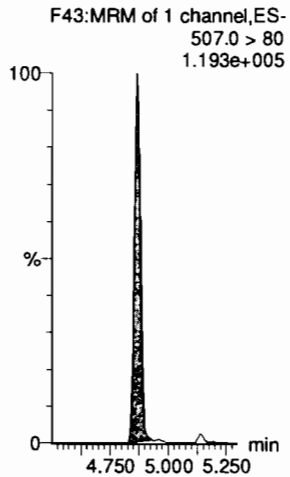

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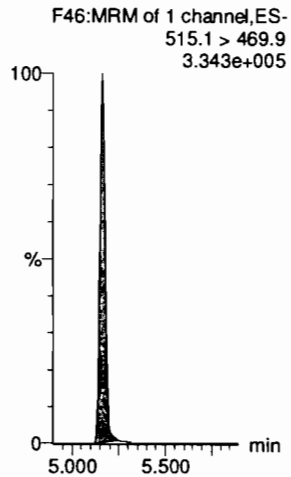
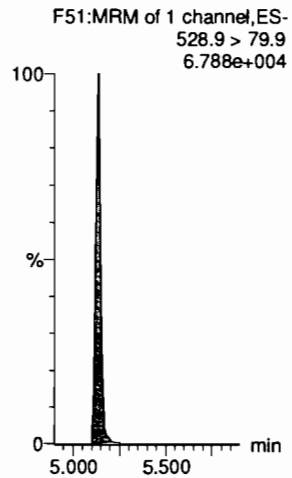


13C2-8:2 FTS-EIS



FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

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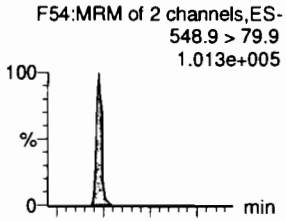
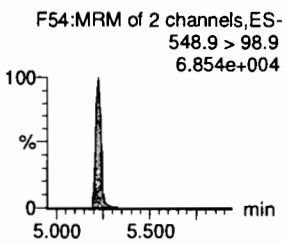
PFNS





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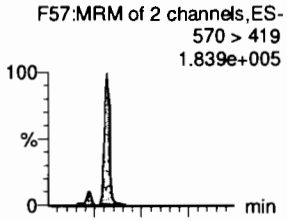

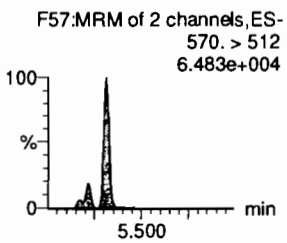

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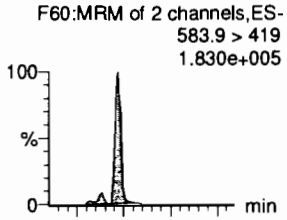

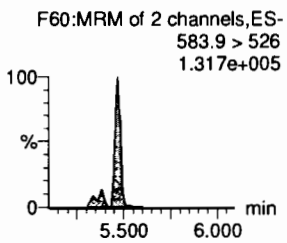

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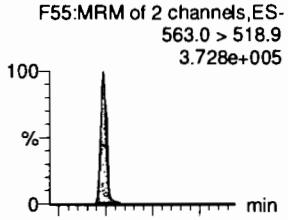
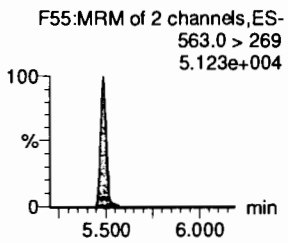
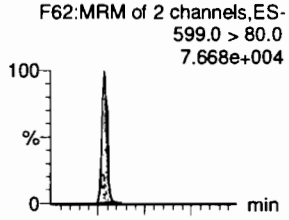
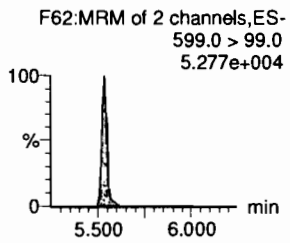


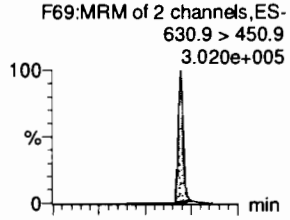


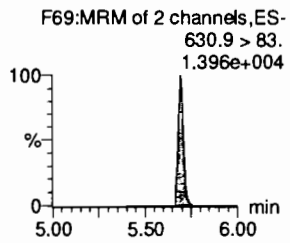
PFDS



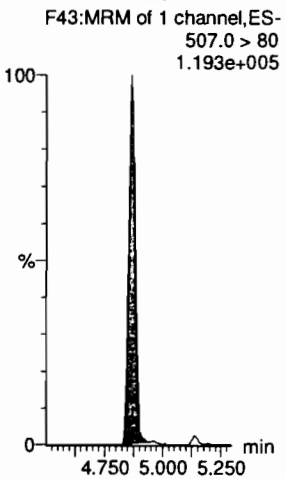


11Cl-PF30UdS

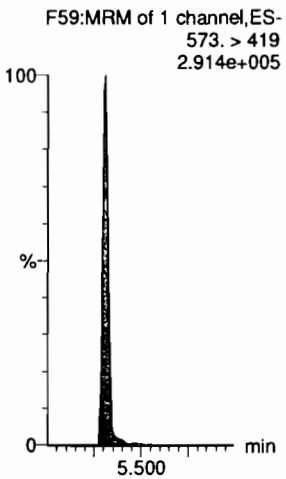




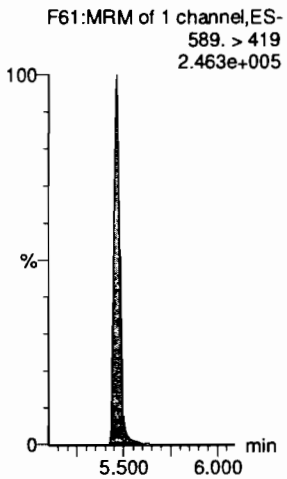
13C8-PFOS-EIS



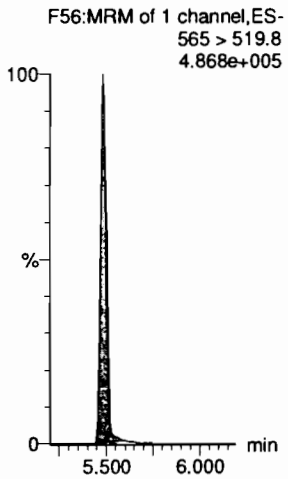
d3-N-MeFOSAA-EIS



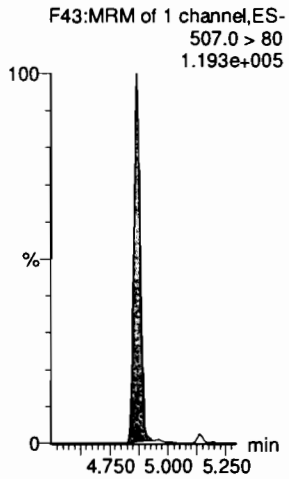
d5-N-EtFOSAA-EIS



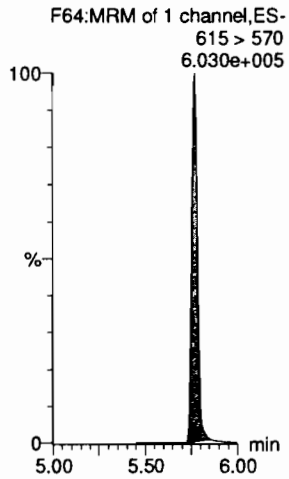
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



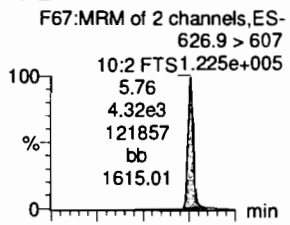
FBR 7/6/2020

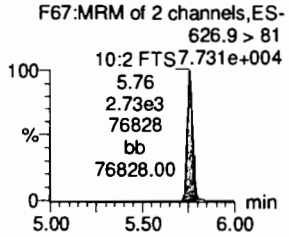
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

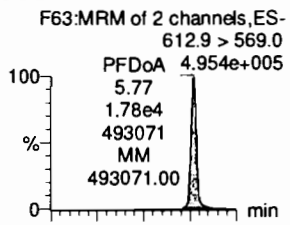
Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

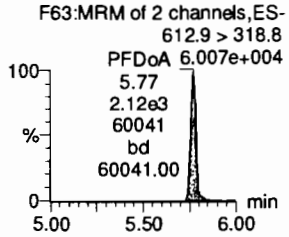
10:2 FTS



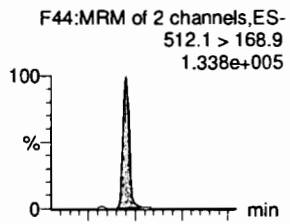


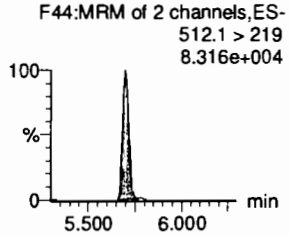
PFDoA





N-MeFOSA





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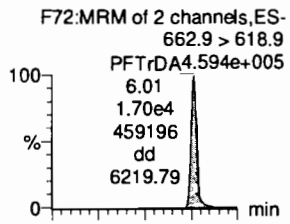
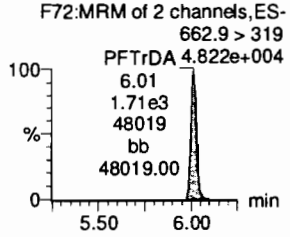
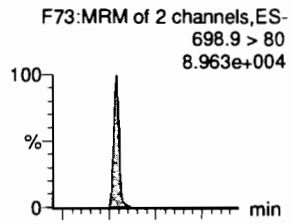
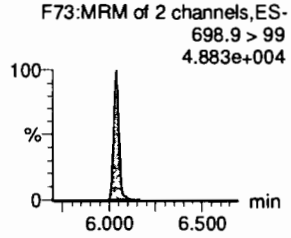




PFDoS





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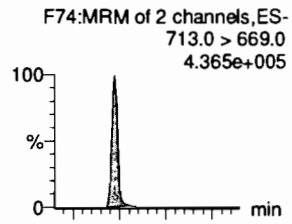
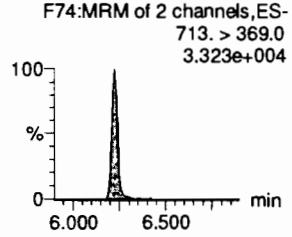
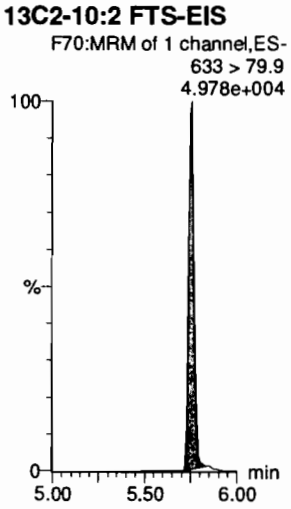
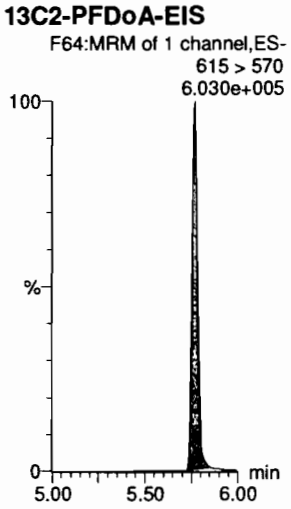




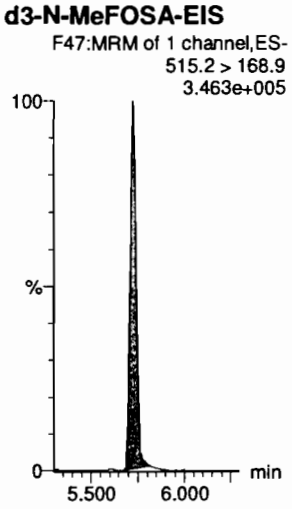
13C2-10:2 FTS-EIS



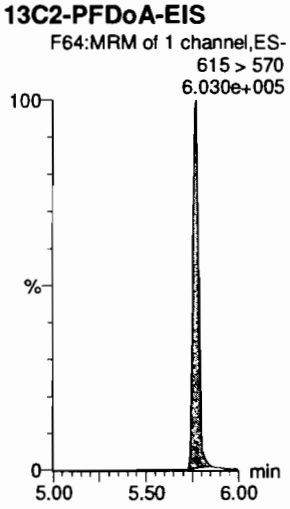
13C2-PFDoA-EIS



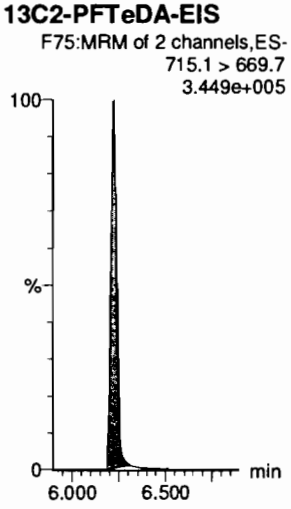
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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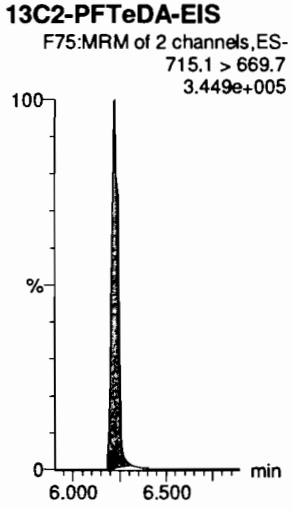

FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

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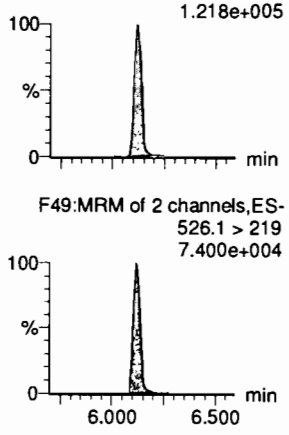
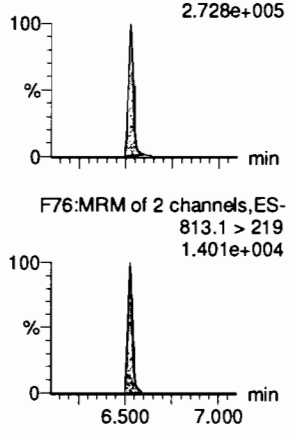
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

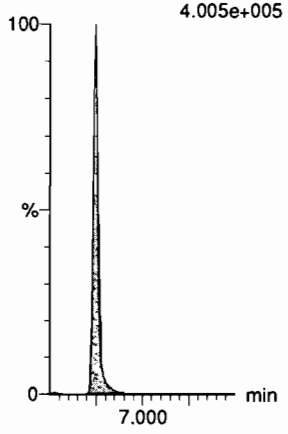
N-EtFOSA



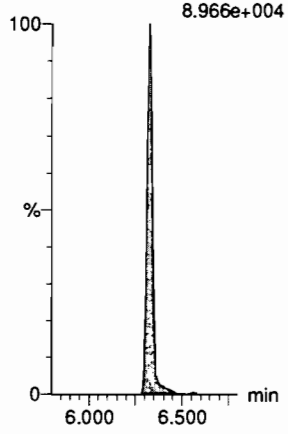
PFHxDA



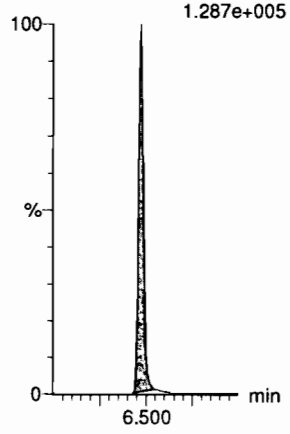
PFODA



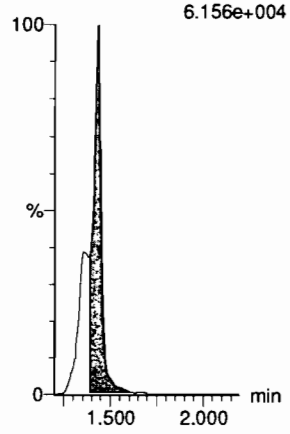
N-MeFOSE



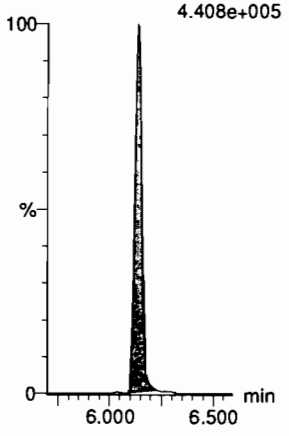
N-EtFOSE



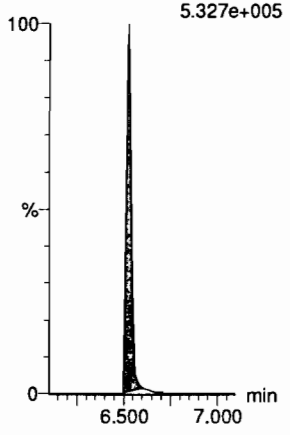
13C3-PFBA-RSD



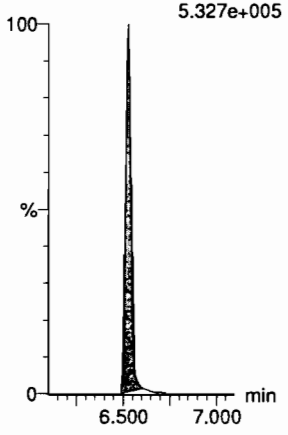
d5-N-ETFOSA-EIS



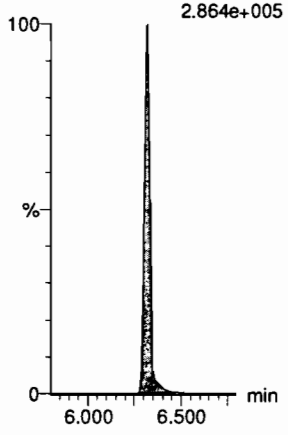
13C2-PFHxDA-EIS



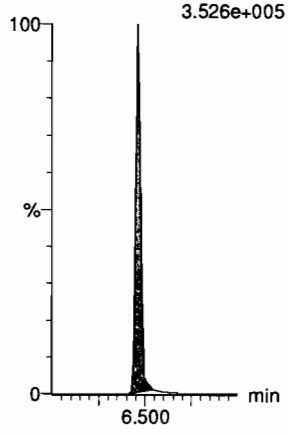
13C2-PFHxDA-EIS



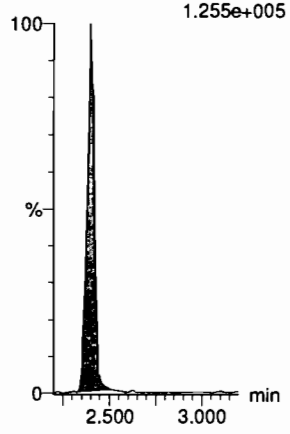
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



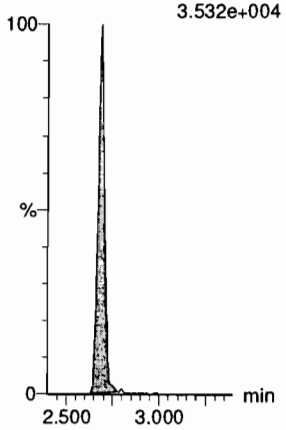
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

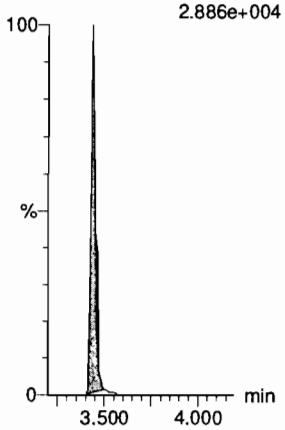
Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

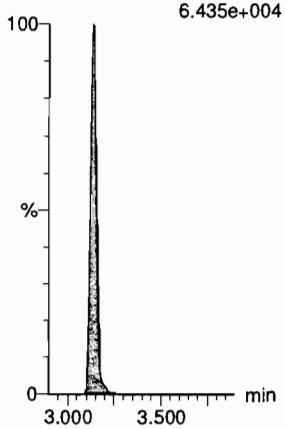
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.532e+004



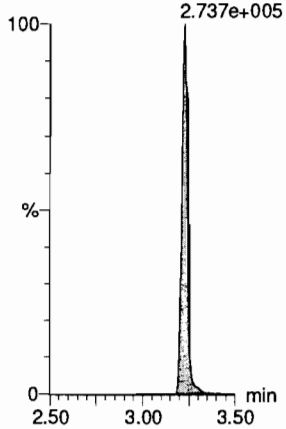
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.886e+004



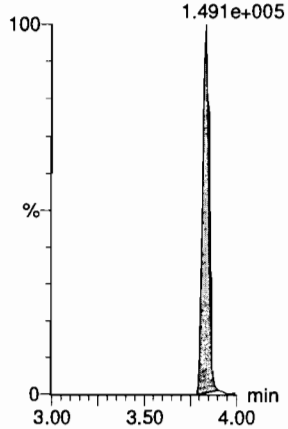
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.435e+004



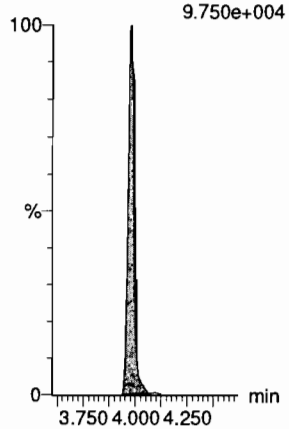
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.737e+005



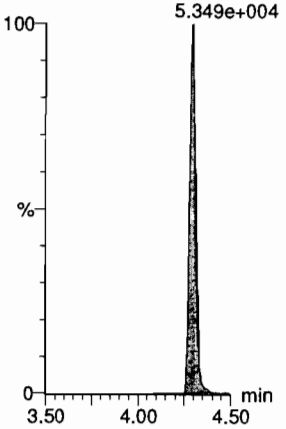
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.491e+005



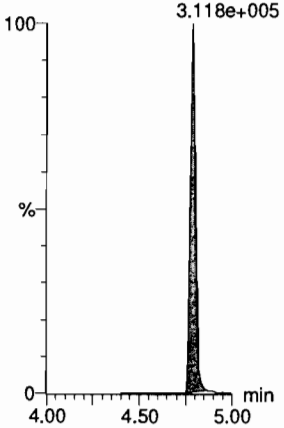
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.750e+004



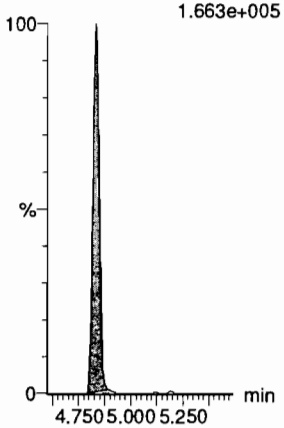
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.349e+004



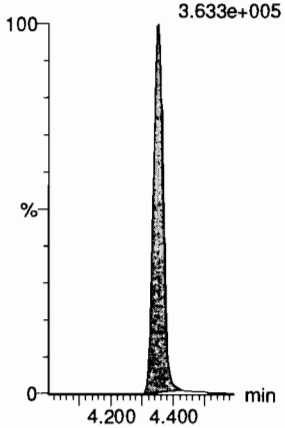
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.118e+005



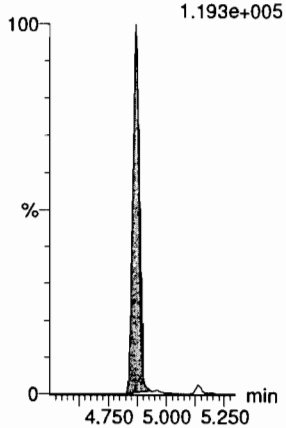
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.663e+005



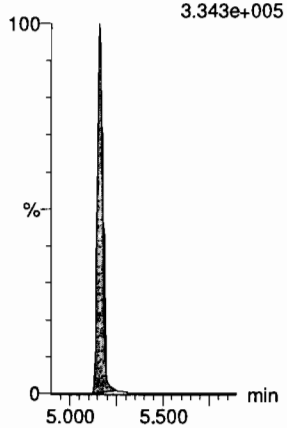
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.633e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.193e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.343e+005



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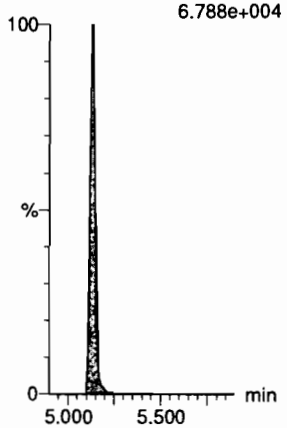
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

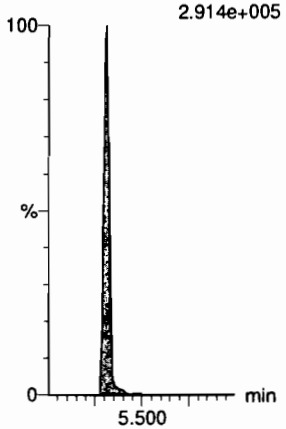
Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

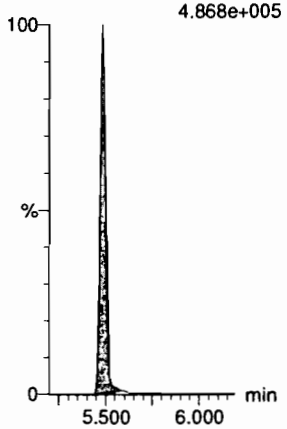
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.788e+004



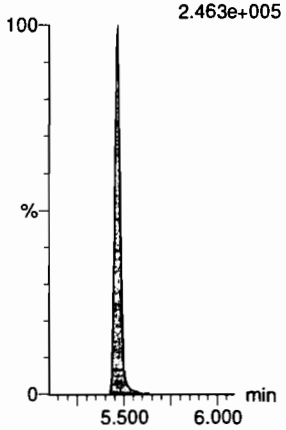
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.914e+005



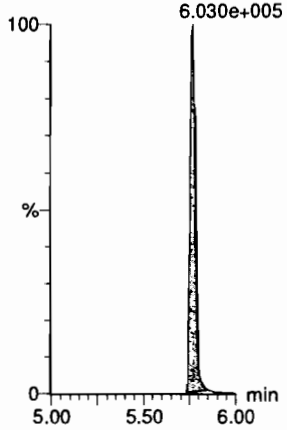
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.868e+005



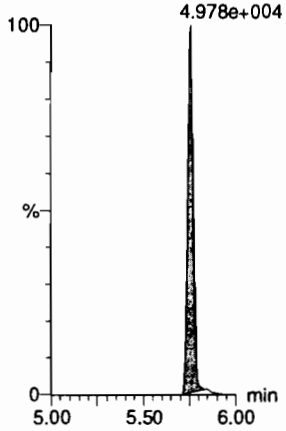
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.463e+005



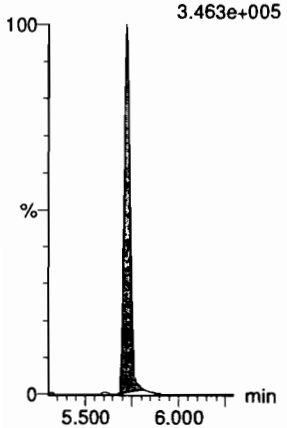
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
6.030e+005



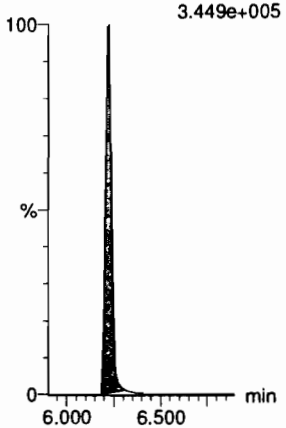
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.978e+004



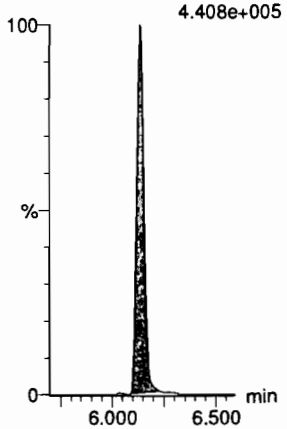
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.463e+005



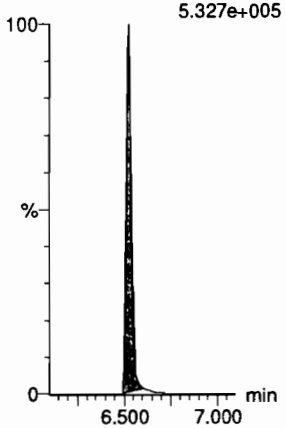
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.449e+005



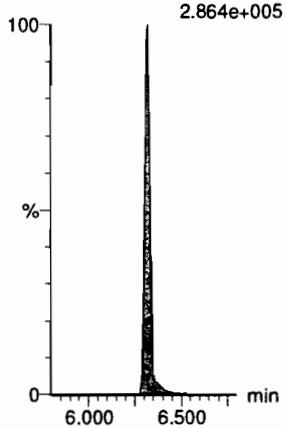
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.408e+005



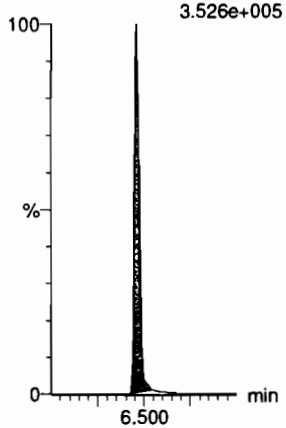
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.327e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.864e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.526e+005



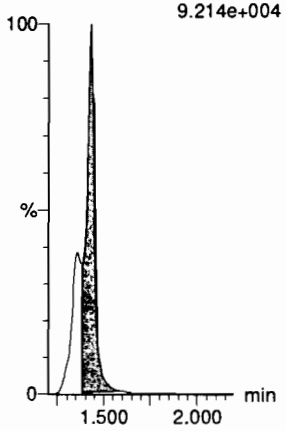
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-88.qld

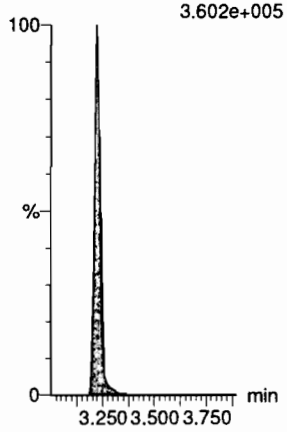
Last Altered: Sunday, July 05, 2020 16:40:11 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:33:24 Pacific Daylight Time

Name: 200702M1_88, Date: 03-Jul-2020, Time: 06:30:00, ID: ST200702M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

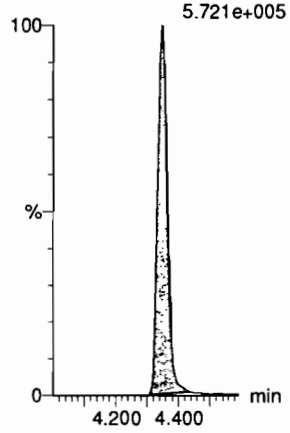
13C4-PFBA



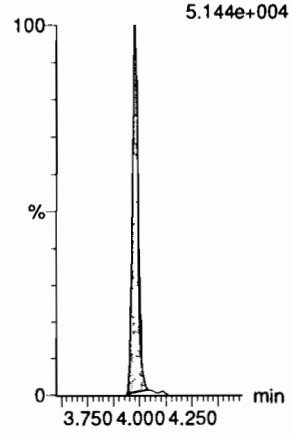
13C5-PFHxA



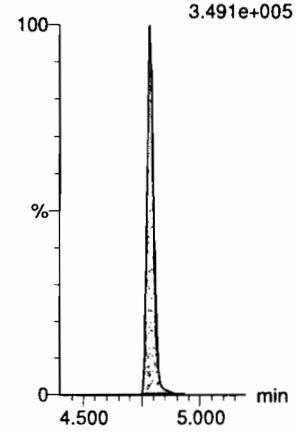
13C8-PFOA



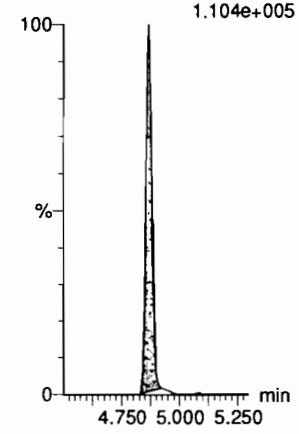
18O2-PFHxS



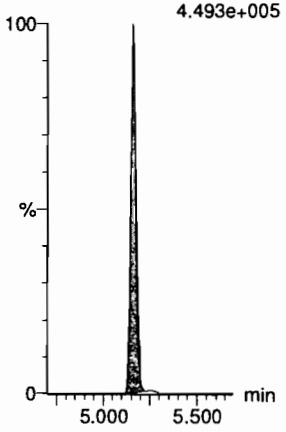
13C9-PFNA



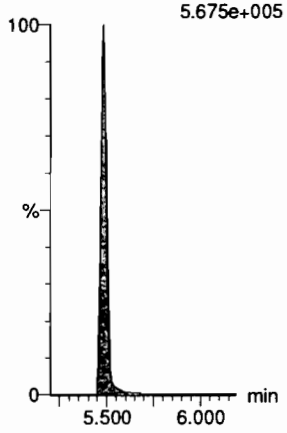
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	3800.139	3247.532	1.00	1.43	14.627	10.000	9.71	97.1	NO		
2	2	PFPrS	248.9 > 79.9	2281.177	1485.320	1.00	1.77	19.198	10.000	10.1	101.3	NO	2.496	NO
3	3	3:3 FTCA	241.1 > 177.0	332.763	5964.323	1.00	2.26	0.697	10.000	8.60	86.0	NO	1.982	NO
4	4	PFPeA	263.1 > 218.9	4473.824	5964.323	1.00	2.40	9.376	10.000	9.89	98.9	NO		
5	5	PFBS	299.0 > 79.7	2389.159	1485.320	1.00	2.69	20.106	10.000	10.1	101.0	NO	2.651	NO
6	6	4:2 FTS	327.0 > 306.9	5122.949	2402.014	1.00	3.14	26.660	10.000	9.73	97.3	NO	2.047	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	3247.532		1.00	1.43	3247.532	12.500	13.5	108.2	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1485.320		1.00	2.69	1485.320	12.500	13.6	108.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5964.323		1.00	2.40	5964.323	12.500	14.7	117.8	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5964.323		1.00	2.40	5964.323	12.500	14.7	117.8	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1485.320		1.00	2.69	1485.320	12.500	13.6	108.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2402.014		1.00	3.14	2402.014	12.500	13.9	110.9	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9588.322	10156.640	1.00	3.23	11.801	10.000	10.1	100.7	NO	16.338	NO
15	8	PFPeS	349.0 > 80.0	2632.560	1485.320	1.00	3.42	22.155	10.000	9.58	95.8	NO	1.745	NO
16	9	HFPO-DA	285.1 > 168.9	654.070	865.665	1.00	3.44	9.445	10.000	10.3	103.0	NO	2.066	NO
17	10	5:3 FTCA	340.9 > 236.9	1981.736	5807.814	1.00	3.77	4.265	10.000	10.4	104.0	NO	1.499	NO
18	11	PFHpA	363.0 > 318.9	5848.370	5807.814	1.00	3.83	12.587	10.000	10.1	101.0	NO	7.872	NO
19	12	ADONA	376.8 > 250.9	25028.979	5807.814	1.00	3.94	53.869	10.000	9.46	94.6	NO	3.422	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10156.640		1.00	3.22	10156.640	12.500	13.8	110.1	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1485.320		1.00	2.69	1485.320	12.500	13.6	108.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	865.665		1.00	3.44	865.665	12.500	13.1	104.6	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5807.814		1.00	3.83	5807.814	12.500	14.8	118.5	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5807.814		1.00	3.83	5807.814	12.500	14.8	118.5	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5807.814		1.00	3.83	5807.814	12.500	14.8	118.5	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2869.314	3553.918	1.00	3.98	10.092	10.000	10.3	103.2	NO	1.668	NO
28	15	6:2 FTS	427 > 407.0	4812.079	2075.069	1.00	4.29	28.987	10.000	9.58	95.8	NO	2.252	NO
29	16	L-PFOA	412.8 > 368.9	16979.885	12849.878	1.00	4.35	16.518	10.000	10.6	105.7	NO	3.925	NO
30	18	PFecHS	460.8 > 381.0	5428.517	12849.878	1.00	4.36	5.281	10.000	10.1	100.5	NO	0.956	NO
31	19	PFHpS	448.9 > 80.0	2743.574	4060.256	1.00	4.46	8.446	10.000	9.44	94.4	NO	1.887	NO
32	20	7:3 FTCA	441.0 > 337.0	4530.358	10447.279	1.00	4.77	5.420	10.000	10.5	105.3	NO	1.506	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3553.918		1.00	3.97	3553.918	12.500	13.7	109.8	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2075.069		1.00	4.29	2075.069	12.500	14.0	112.4	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12849.878		1.00	4.35	12849.878	12.500	13.6	108.7	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12849.878		1.00	4.35	12849.878	12.500	13.6	108.7	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	4060.256		1.00	4.87	4060.256	12.500	14.2	113.7	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	10447.279		1.00	4.79	10447.279	12.500	13.6	109.2	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	12126.607	10447.279	1.00	4.79	14.509	10.000	10.4	103.8	NO	3.430	NO
41	22	PFOSA	498.0 > 78.0	4334.919	6248.957	1.00	4.83	8.671	10.000	9.29	92.9	NO	28.667	NO
42	23	L-PFOS	499 > 80	2881.582	4060.256	1.00	4.87	8.871	10.000	8.79	87.9	NO	1.842	NO
43	25	9Cl-PF30NS	531 > 351.0	9906.348	4060.256	1.00	5.09	30.498	10.000	8.35	83.5	NO	24.018	NO
44	26	PFDA	513 > 468.8	14283.335	10898.210	1.00	5.16	16.383	10.000	10.5	105.4	NO	4.809	NO
45	27	8:2 FTS	526.9 > 507.0	4008.876	2314.900	1.00	5.13	21.647	10.000	9.60	96.0	NO	1.508	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	10447.279		1.00	4.79	10447.279	12.500	13.6	109.2	NO		
47	67	13C8-PFOSA-EIS	506. > 78	6248.957		1.00	4.83	6248.957	12.500	15.5	124.4	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	4060.256		1.00	4.87	4060.256	12.500	14.2	113.7	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	4060.256		1.00	4.87	4060.256	12.500	14.2	113.7	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	10898.210		1.00	5.16	10898.210	12.500	13.5	108.0	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2314.900		1.00	5.13	2314.900	12.500	13.3	106.3	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	3031.690	4060.256	1.00	5.22	9.333	10.000	8.80	88.0	NO	1.547	NO
54	29	L-MeFOSAA	570 > 419	7300.653	10944.100	1.00	5.31	8.339	10.000	9.83	98.3	NO	2.763	NO
55	31	L-EtFOSAA	583.9 > 419	7865.439	9415.706	1.00	5.47	10.442	10.000	10.2	101.9	NO	1.448	NO
56	33	PFUdA	563.0 > 518.9	13570.664	18926.014	1.00	5.48	8.963	10.000	9.96	99.6	NO	7.018	NO
57	34	PFDS	599.0 > 80.0	2682.927	4060.256	1.00	5.53	8.260	10.000	10.1	100.8	NO	1.612	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	10087.793	19917.490	1.00	5.70	6.331	10.000	11.0	109.8	NO	22.769	NO
59	73	13C8-PFOS-EIS	507.0 > 80	4060.256		1.00	4.87	4060.256	12.500	14.2	113.7	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	10944.100		1.00	5.31	10944.100	12.500	13.7	109.4	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	9415.706		1.00	5.47	9415.706	12.500	13.2	105.4	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	18926.014		1.00	5.48	18926.014	12.500	13.6	109.1	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	4060.256		1.00	4.87	4060.256	12.500	14.2	113.7	NO		
64	85	13C2-PFDoA-EIS	615 > 570	19917.490		1.00	5.77	19917.490	12.500	12.8	102.5	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	4170.380	1532.750	1.00	5.76	34.011	10.000	10.3	102.7	NO	1.567	NO
67	37	PFDoA	612.9 > 569.0	16147.844	19917.490	1.00	5.77	10.134	10.000	10.1	101.4	NO	8.466	NO
68	38	N-MeFOSA	512.1 > 168.9	4849.432	13028.196	1.00	5.70	55.536	50.000	53.1	106.1	NO	1.602	NO
69	39	PFTrDA	662.9 > 618.9	16347.317	19917.490	1.00	6.01	10.259	10.000	10.7	107.0	NO	8.344	NO
70	40	PFDoS	698.9 > 80	3099.545	12620.896	1.00	6.03	3.070	10.000	9.88	98.8	NO	1.590	NO
71	41	PFTeDA	713.0 > 669.0	17048.990	12620.896	1.00	6.22	16.886	10.000	10.6	106.1	NO	14.791	NO
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1532.750		1.00	5.75	1532.750	12.500	11.8	94.2	NO		

FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	19917.490		1.00	5.77	19917.490	12.500	12.8	102.5	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	13028.196		1.00	5.72	13028.196	149.200	175	117.1	NO		
75	85	13C2-PFDoA-EIS	615 > 570	19917.490		1.00	5.77	19917.490	12.500	12.8	102.5	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	12620.896		1.00	6.22	12620.896	12.500	12.5	99.6	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	12620.896		1.00	6.22	12620.896	12.500	12.5	99.6	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	5121.439	18184.885	1.00	6.12	42.019	50.000	51.2	102.5	NO	1.547	NO
80	43	PFHxDA	813.1 > 768.6	9799.312	18967.428	1.00	6.53	6.458	10.000	10.0	100.5	NO	22.824	NO
81	44	PFODA	913.1 > 868.8	13063.716	18967.428	1.00	6.74	8.609	10.000	10.3	102.8	NO		
82	45	N-MeFOSE	616.1 > 58.9	3188.328	10193.814	1.00	6.33	46.665	50.000	50.6	101.3	NO		
83	46	N-EtFOSE	630.1 > 58.9	3846.784	10811.374	1.00	6.47	53.087	50.000	51.4	102.7	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3248.564	4956.587	1.00	1.43	8.193	12.500	12.4	99.0	NO		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	18184.885		1.00	6.14	18184.885	149.200	165	110.6	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	18967.428		1.00	6.53	18967.428	12.500	12.8	102.5	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	18967.428		1.00	6.53	18967.428	12.500	12.8	102.5	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	10193.814		1.00	6.32	10193.814	149.200	162	108.5	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	10811.374		1.00	6.46	10811.374	149.200	166	111.6	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	5964.323	12788.006	1.00	2.40	5.830	12.500	12.9	103.2	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1485.900	1733.954	1.00	2.69	10.712	12.500	14.1	112.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	865.665	12788.006	1.00	3.44	0.846	12.500	12.1	96.7	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	2402.014	1733.954	1.00	3.14	17.316	12.500	14.0	112.2	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	10156.640	12788.006	1.00	3.22	9.928	12.500	12.5	100.3	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5807.814	12788.006	1.00	3.83	5.677	12.500	12.4	99.2	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3553.918	1733.954	1.00	3.97	25.620	12.500	14.2	113.4	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	2075.069	3479.463	1.00	4.29	7.455	12.500	13.7	109.6	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	10447.279	12282.235	1.00	4.79	10.633	12.500	12.0	96.2	NO		
100	68	13C8-PFOSA-RSD	506. > 78	6248.957	21425.104	1.00	4.83	3.646	12.500	13.8	110.1	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	12849.878	22194.271	1.00	4.35	7.237	12.500	12.1	96.4	NO		
102	74	13C8-PFOS-RSD	507.0 > 80	4060.789	3479.463	1.00	4.87	14.588	12.500	13.8	110.8	NO		
103	76	13C2-PFDA-RSD	515.1 > 469.9	10898.210	15834.438	1.00	5.16	8.603	12.500	12.1	96.5	NO		
104	-1													
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2316.231	3479.463	1.00	5.13	8.321	12.500	13.1	105.0	NO		
106	80	d3-N-MeFOSAA-RSD	573. > 419	10944.100	21425.104	1.00	5.31	6.385	12.500	12.9	103.4	NO		
107	82	13C2-PFUdA-RSD	565 > 519.8	18909.172	21425.104	1.00	5.48	11.032	12.500	12.8	102.7	NO		
108	84	d5-N-EtFOSAA-RSD	589. > 419	9416.739	21425.104	1.00	5.47	5.494	12.500	13.2	105.2	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	19917.490	15834.438	1.00	5.77	15.723	12.500	11.9	95.5	NO		
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1532.750	3479.463	1.00	5.75	5.506	12.500	12.4	99.0	NO		
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	13028.196	21425.104	1.00	5.72	7.601	149.200	155	103.8	NO		
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	12620.896	21425.104	1.00	6.22	7.363	12.500	11.7	93.4	NO		
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	18178.943	21425.104	1.00	6.14	10.606	149.200	151	101.1	NO		
114	96	13C2-PFHxDA-RSD	815 > 769.7	18971.564	21425.104	1.00	6.53	11.069	12.500	11.9	95.4	NO		
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	10193.814	21425.104	1.00	6.32	5.947	149.200	146	97.9	NO		
116	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10811.374	21425.104	1.00	6.46	6.308	149.200	147	98.6	NO		
117	-1													
118	1...	13C4-PFBA	217.0 > 172.0	4956.587	4956.587	1.00	1.43	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	12788.006	12788.006	1.00	3.22	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	22194.271	22194.271	1.00	4.35	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0	1733.954	1733.954	1.00	3.97	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	12282.235	12282.235	1.00	4.78	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	3479.463	3479.463	1.00	4.87	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	15834.438	15834.438	1.00	5.16	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	21425.104	21425.104	1.00	5.48	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200702M1_1	IPA	02-Jul-20	15:26:29
2	2 200702M1_2	IPA	02-Jul-20	15:36:55
3	3 200702M1_3	ST200702M1-1 PFC CS-2 20F1901	02-Jul-20	15:47:20
4	4 200702M1_4	ST200702M1-2 PFC CS-1 20F1902	02-Jul-20	15:57:44
5	5 200702M1_5	ST200702M1-3 PFC CS0 20F1903	02-Jul-20	16:08:09
6	6 200702M1_6	ST200702M1-4 PFC CS1 20F1904	02-Jul-20	16:18:34
7	7 200702M1_7	ST200702M1-5 PFC CS2 20F1905	02-Jul-20	16:28:57
8	8 200702M1_8	ST200702M1-6 PFC CS3 20F1906	02-Jul-20	16:39:19
9	9 200702M1_9	ST200702M1-7 PFC CS4 20F1907	02-Jul-20	16:49:41
10	10 200702M1_10	ST200702M1-8 PFC CS5 20F1908	02-Jul-20	17:00:04
11	11 200702M1_11	ST200702M1-9 PFC CS6 20F1909	02-Jul-20	17:11:07
12	12 200702M1_12	ST200702M1-10 PFC CS7 20F1910	02-Jul-20	17:21:28
13	13 200702M1_13	IB	02-Jul-20	17:31:50
14	14 200702M1_14	ICV200702M1-1 PFC ICV 20F1911	02-Jul-20	17:42:13
15	15 200702M1_15	IB	02-Jul-20	17:52:35
16	16 200702M1_16	2001303-20 GW1 0.25266	02-Jul-20	18:02:57
17	17 200702M1_17	2001332-15 GW2 0.26093	02-Jul-20	18:13:19
18	18 200702M1_18	2001332-16 GW (duplicate) 0.26101	02-Jul-20	18:23:42
19	19 200702M1_19	B0F0093-BLK1 Method Blank 0.25	02-Jul-20	18:34:04
20	20 200702M1_20	B0F0093-BS1 OPR 0.25	02-Jul-20	18:44:26
21	21 200702M1_21	2001246-01@20X IN-21 0.23603	02-Jul-20	18:54:48
22	22 200702M1_22	2001246-01@5X IN-21 0.23603	02-Jul-20	19:05:10
23	23 200702M1_23	2001246-02@20X OUT-21 0.23853	02-Jul-20	19:15:33
24	24 200702M1_24	2001246-02@5X OUT-21 0.23853	02-Jul-20	19:25:55
25	25 200702M1_25	2001254-08@15X A4-MW3S-R1 0.2577	02-Jul-20	19:36:17
26	26 200702M1_26	B0F0194-BLK1 Method Blank 0.25	02-Jul-20	19:46:39
27	27 200702M1_27	B0F0194-BS1 OPR 0.25	02-Jul-20	19:57:01
28	28 200702M1_28	2001313-01 Epcor Well 10 0.2481	02-Jul-20	20:07:24
29	29 200702M1_29	B0F0204-BLK1 Method Blank 0.25	02-Jul-20	20:17:46
30	30 200702M1_30	B0F0204-BS1 OPR 0.25	02-Jul-20	20:28:08
31	31 200702M1_31	B0F0204-MS1 Matrix Spike 0.24326	02-Jul-20	20:38:30
32	32 200702M1_32	B0F0204-MSD1 Matrix Spike Dup 0.25536	02-Jul-20	20:48:53

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200702M1_33	2001314-01 GW2006151215GSC 0.2497	02-Jul-20	20:59:15
34	34 200702M1_34	IB	02-Jul-20	21:09:37
35	35 200702M1_35	ST200702M1-11 PFC CS3 20F1906	02-Jul-20	21:19:59
36	36 200702M1_36	IB	02-Jul-20	21:30:22
37	37 200702M1_37	2001314-02 GW2006151230MK 0.25721	02-Jul-20	21:40:44
38	38 200702M1_38	2001314-03 FB2006151240MK 0.25672	02-Jul-20	21:51:06
39	39 200702M1_39	2001314-04 GW2006151250GSC 0.24804	02-Jul-20	22:01:28
40	40 200702M1_40	2001314-05 GW2006151305MK 0.25241	02-Jul-20	22:11:50
41	41 200702M1_41	2001314-06 GW2006151305MK-FD 0.25418	02-Jul-20	22:22:13
42	42 200702M1_42	2001314-07 GW2006151320GSC 0.2423	02-Jul-20	22:32:35
43	43 200702M1_43	2001314-08 GW2006151345MK 0.24677	02-Jul-20	22:42:57
44	44 200702M1_44	2001314-09 GW2006151400GSC 0.2498	02-Jul-20	22:53:19
45	45 200702M1_45	2001314-10 GW2006151430GSC 0.24829	02-Jul-20	23:03:42
46	46 200702M1_46	2001314-11 GW2006151440MK 0.2464	02-Jul-20	23:14:04
47	47 200702M1_47	2001314-12 GW2006151515GSC 0.25124	02-Jul-20	23:24:26
48	48 200702M1_48	IB	02-Jul-20	23:34:49
49	49 200702M1_49	ST200702M1-12 PFC CS3 20F1906	02-Jul-20	23:45:13
50	50 200702M1_50	IB	02-Jul-20	23:55:36
51	51 200702M1_51	2001314-13 GW2006151550MK 0.2455	03-Jul-20	00:05:58
52	52 200702M1_52	2001314-14 GW2006151550GSC 0.25924	03-Jul-20	00:16:20
53	53 200702M1_53	2001314-15 GW2006151630GSC 0.249	03-Jul-20	00:26:42
54	54 200702M1_54	2001314-16 GW2006151710GSC 0.24645	03-Jul-20	00:37:05
55	55 200702M1_55	2001314-17 GW2006151740GSC 0.2537	03-Jul-20	00:47:27
56	56 200702M1_56	B0F0230-BLK1 Method Blank 0.125	03-Jul-20	00:57:49
57	57 200702M1_57	B0F0230-BS1 OPR 0.125	03-Jul-20	01:08:11
58	58 200702M1_58	2001343-01 MW1 0.10794	03-Jul-20	01:18:33
59	59 200702M1_59	2001343-02 MW2 0.10261	03-Jul-20	01:28:55
60	60 200702M1_60	2001345-01 Influent 0.11045	03-Jul-20	01:39:18
61	61 200702M1_61	2001345-02 Effluent 0.10918	03-Jul-20	01:49:40
62	62 200702M1_62	2001345-05 Front Street Landfill 0.11161	03-Jul-20	02:00:02
63	63 200702M1_63	IB	03-Jul-20	02:10:25
64	64 200702M1_64	ST200702M1-13 PFC CS0 20F1903	03-Jul-20	02:20:47
65	65 200702M1_65	IB	03-Jul-20	02:31:09
66	66 200702M1_66	2001345-06@10X Septic Receiving 0.11338	03-Jul-20	02:41:31
67	67 200702M1_67	2001387-01 MW-1U_20200625 0.11177	03-Jul-20	02:51:56
68	68 200702M1_68	2001387-02 MW-1U_20200625_FD 0.11303	03-Jul-20	03:02:21

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Dataset: Untitled

Last Altered: Monday, July 06, 2020 08:40:02 Pacific Daylight Time
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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200702M1_69	B0F0198-BLK1 Method Blank 1	03-Jul-20	03:12:43
70	70 200702M1_70	B0F0198-BS1 OPR 1	03-Jul-20	03:23:05
71	71 200702M1_71	B0F0198-MS1 Matrix Spike 1.08	03-Jul-20	03:33:28
72	72 200702M1_72	B0F0198-MSD1 Matrix Spike Dup 1.06	03-Jul-20	03:43:50
73	73 200702M1_73	2001222-08RE2 SB-14 3-5' 1.09	03-Jul-20	03:54:12
74	74 200702M1_74	2001299-04 AB-8 (0.5-1) 1.2	03-Jul-20	04:04:35
75	75 200702M1_75	2001299-05 AB-8 (7.5-8) 1.52	03-Jul-20	04:14:57
76	76 200702M1_76	2001299-06 AB-9 (0.5-1) 1.2	03-Jul-20	04:25:19
77	77 200702M1_77	2001299-07 AB-9 (5.5-6) 1.48	03-Jul-20	04:35:41
78	78 200702M1_78	B0F0288-BLK1 Method Blank 0.125	03-Jul-20	04:46:03
79	79 200702M1_79	B0F0288-BS1 OPR 0.125	03-Jul-20	04:56:25
80	80 200702M1_80	B0F0288-MS1 Matrix Spike 0.09959	03-Jul-20	05:06:48
81	81 200702M1_81	B0F0288-MSD1 Matrix Spike Dup 0.10233	03-Jul-20	05:17:10
82	82 200702M1_82	B0F0288-MS2 Matrix Spike 0.10674	03-Jul-20	05:27:32
83	83 200702M1_83	B0F0288-MSD2 Matrix Spike Dup 0.113	03-Jul-20	05:37:54
84	84 200702M1_84	2001268-01RE1 DW-EB-Apparatus 0.11418	03-Jul-20	05:48:19
85	85 200702M1_85	2001268-02RE1 DW-R-21SMW 0.11689	03-Jul-20	05:58:45
86	86 200702M1_86	2001268-03RE1 DW-R-21SMW-DUP 0.11073	03-Jul-20	06:09:09
87	87 200702M1_87	IB	03-Jul-20	06:19:34
88	88 200702M1_88	ST200702M1-14 PFC CS3 20F1906	03-Jul-20	06:30:00
89	89 200702M1_89	IB	03-Jul-20	06:40:22
90	90 200702M1_90	2001268-13RE1 L-L-1 0.10682	03-Jul-20	06:50:47
91	91 200702M1_91	2001272-01RE1 GW-MW-8 0.11168	03-Jul-20	07:01:11
92	92 200702M1_92	2001272-04RE1 GW-FPC-7A 0.11203	03-Jul-20	07:11:36
93	93 200702M1_93	2001272-05RE1 GW-FPC-7B 0.11701	03-Jul-20	07:22:01
94	94 200702M1_94	2001272-08RE1 GW-GZ-105 0.11098	03-Jul-20	07:32:25
95	95 200702M1_95	2001272-10RE1 GW-FPC-8A 0.11585	03-Jul-20	07:42:51
96	96 200702M1_96	IB	03-Jul-20	07:53:16
97	97 200702M1_97	ST200702M1-15 PFC CS3 20F1906	03-Jul-20	08:03:38
98	98 200702M1_98	IB	03-Jul-20	08:14:00

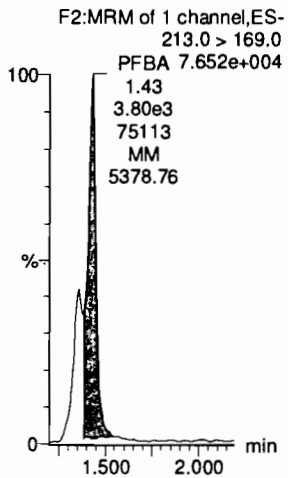
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

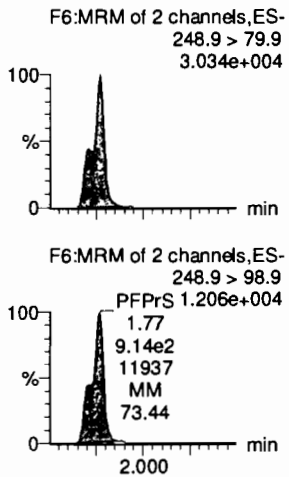
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

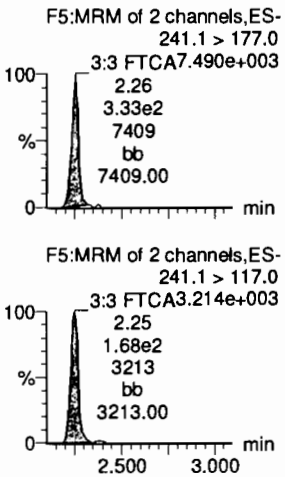
PFBA



PFPrS



3:3 FTCA



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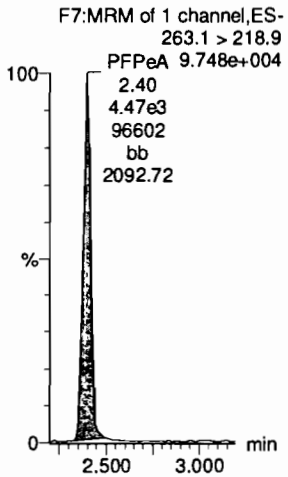
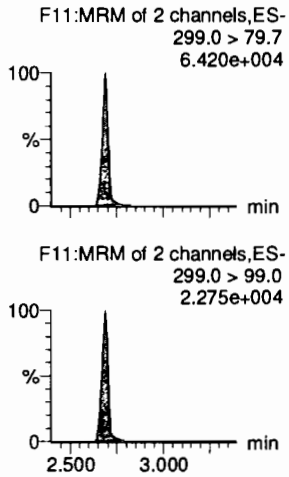
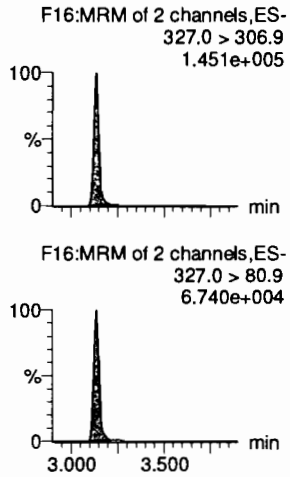


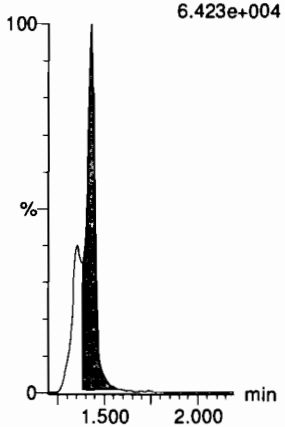
PFBS



4:2 FTS



13C3-PFBA-EIS



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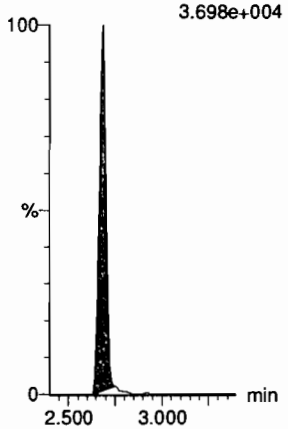

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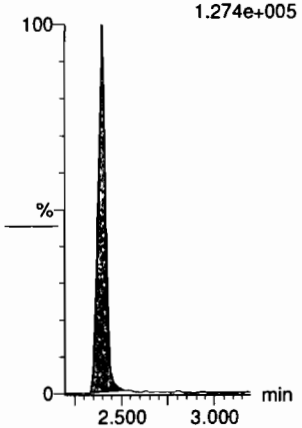

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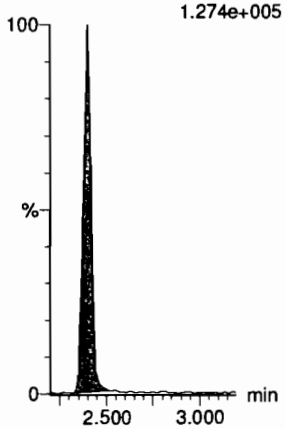

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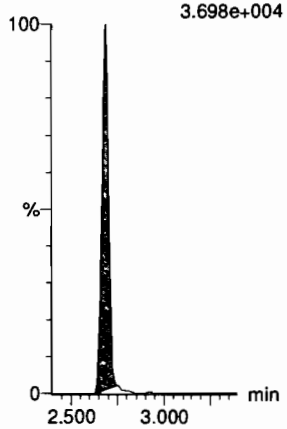
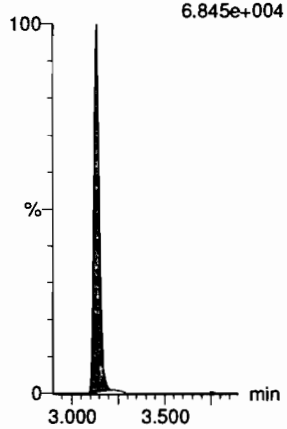


13C2-4:2 FTS-EIS



FBR 7/6/2020

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Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

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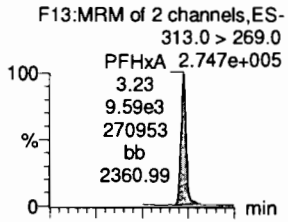

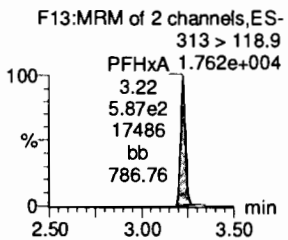

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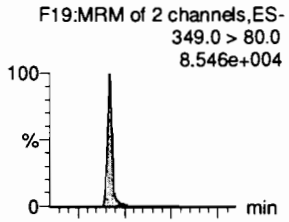

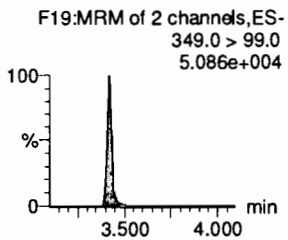

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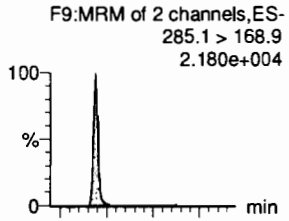

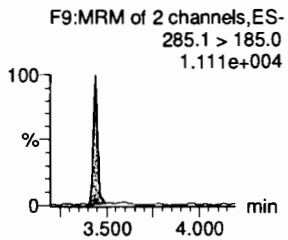

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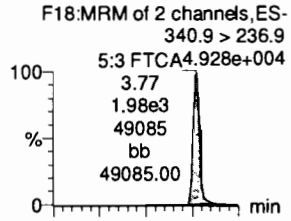
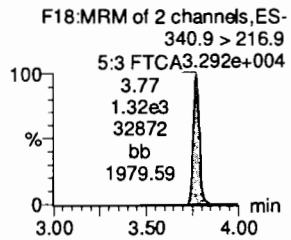
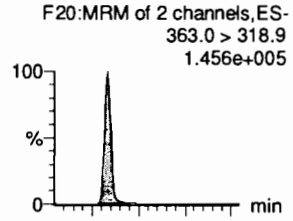
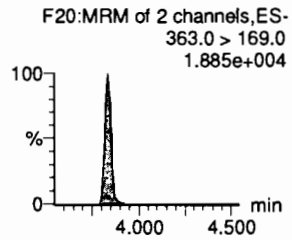




PFHpA





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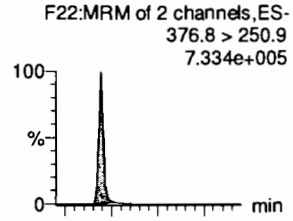

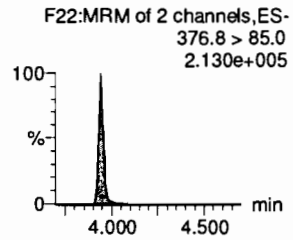

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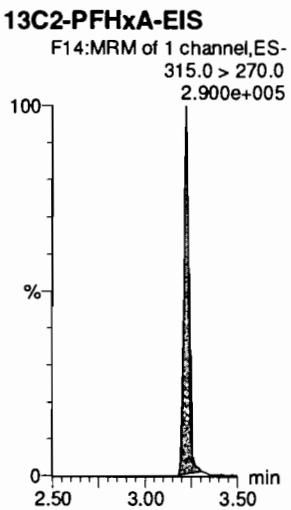
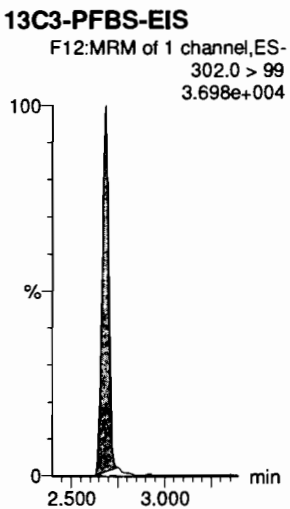
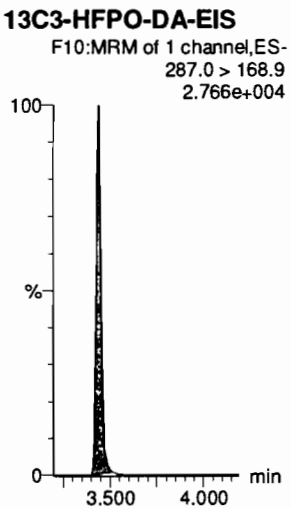


13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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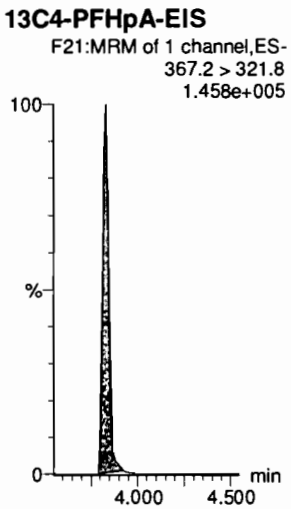

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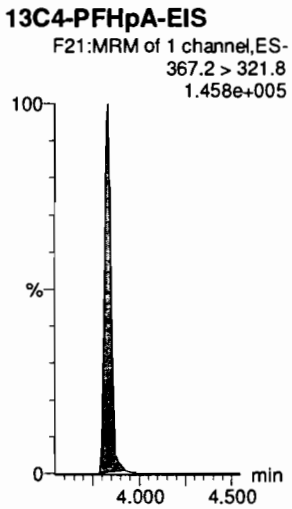

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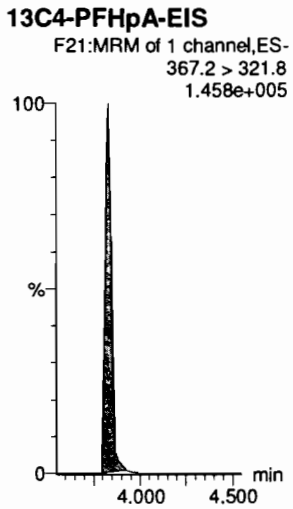

FBR 7/6/2020

Vista Analytical Laboratory

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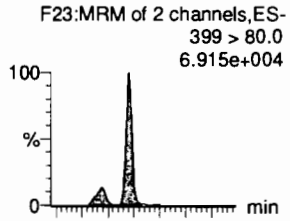
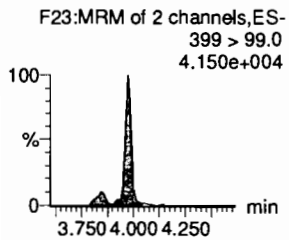
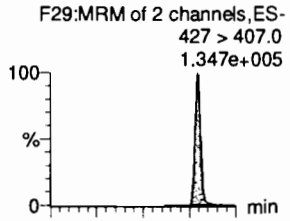
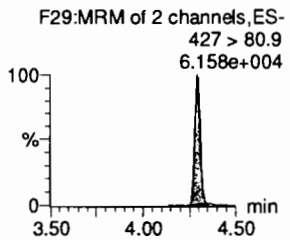


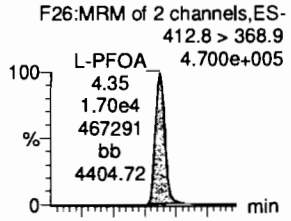


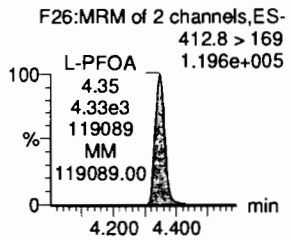
6:2 FTS





L-PFOA





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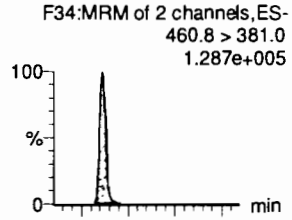
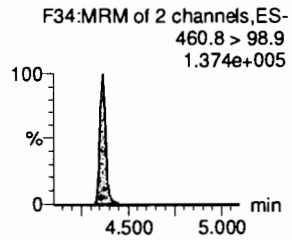
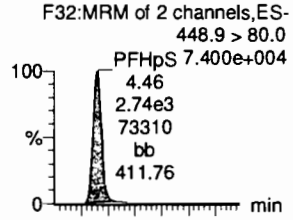
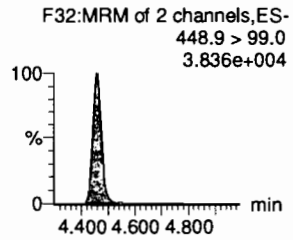


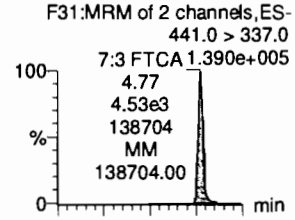


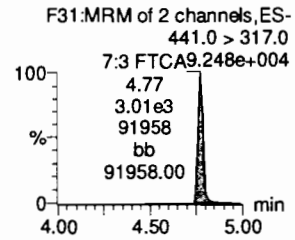
PFHpS



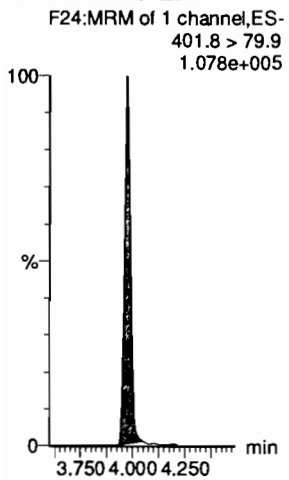


7:3 FTCA

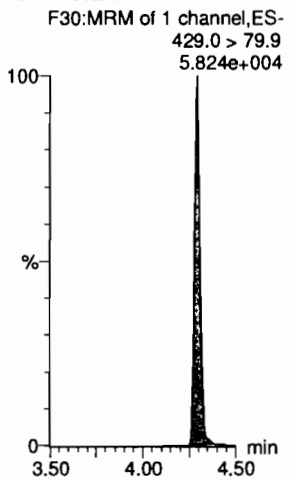




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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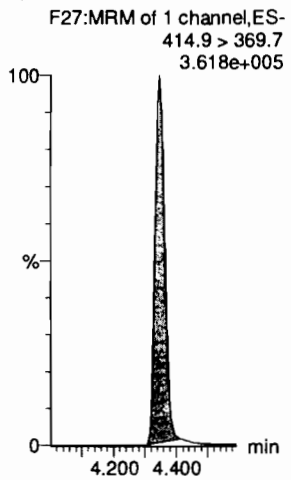

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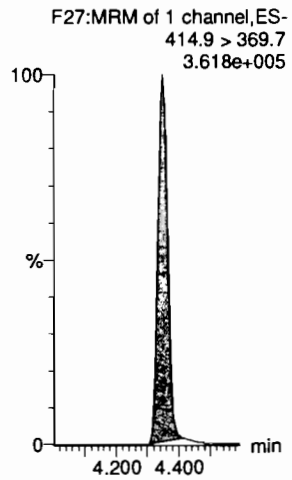

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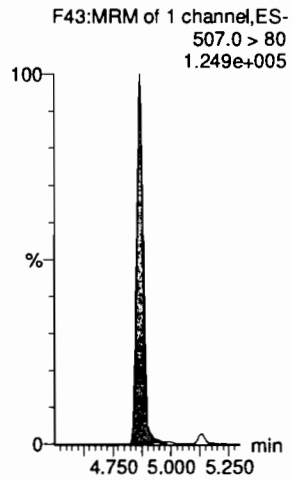

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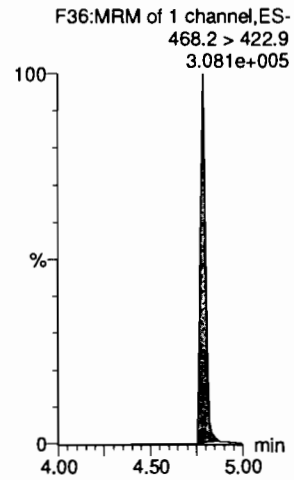

FBR 7/6/2020

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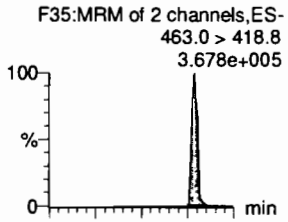

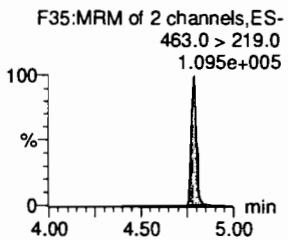

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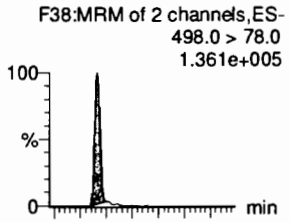
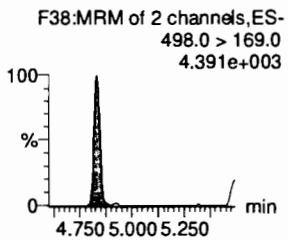
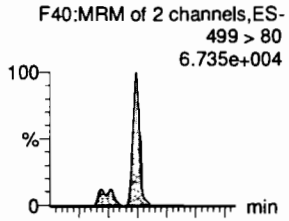
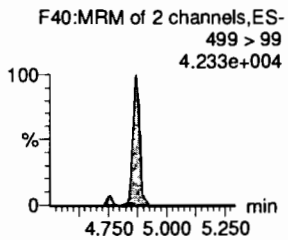


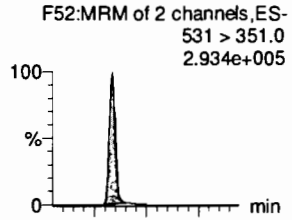


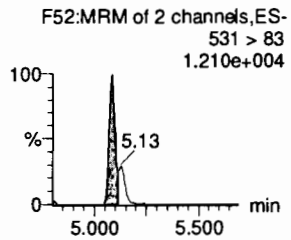
L-PFOS





9Cl-PF30NS





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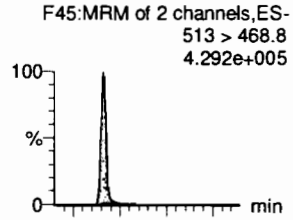
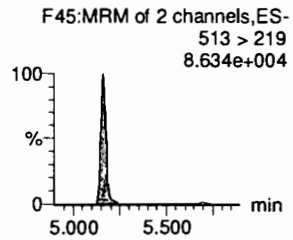
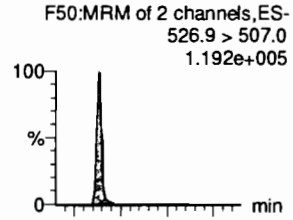
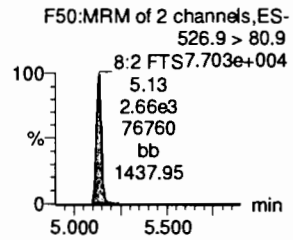


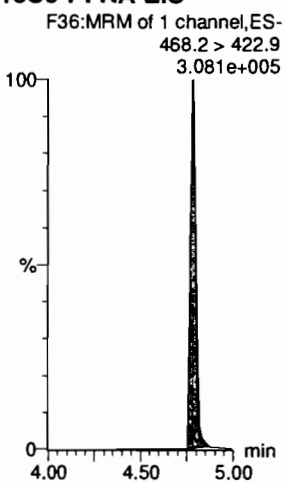


8:2 FTS

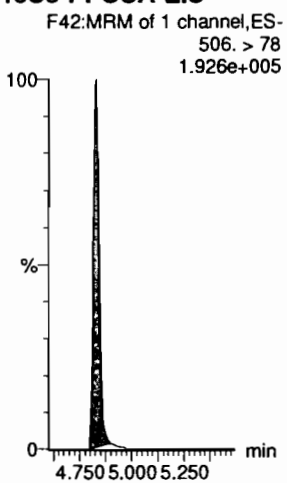




13C5-PFNA-EIS



13C8-PFOSA-EIS



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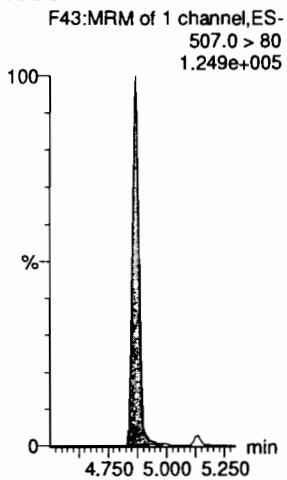

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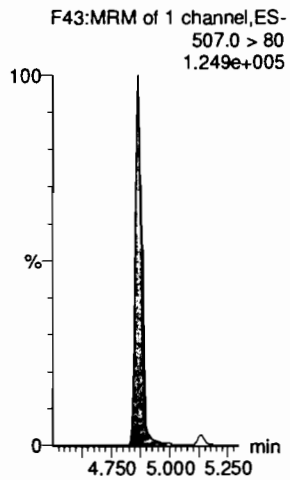

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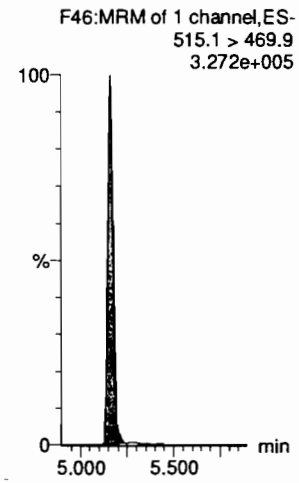
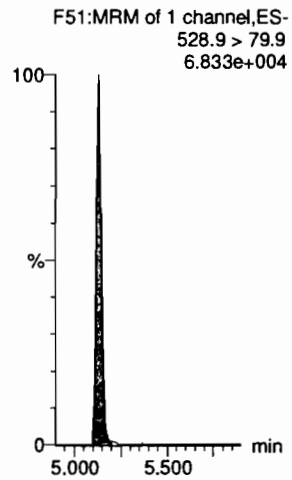


13C2-8:2 FTS-EIS



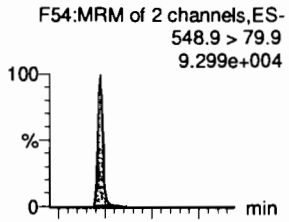
FBR 7/6/2020

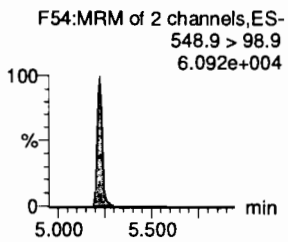
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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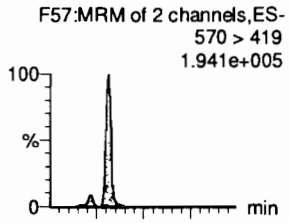

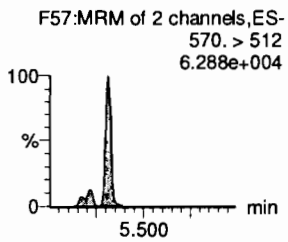

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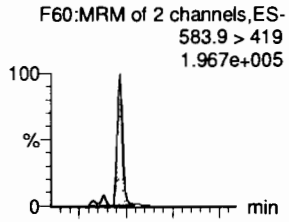

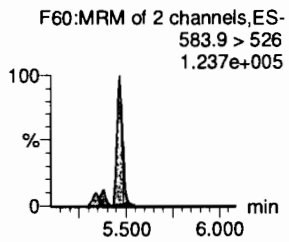

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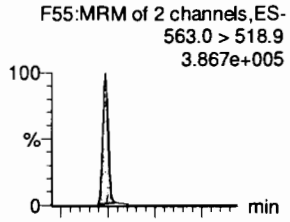

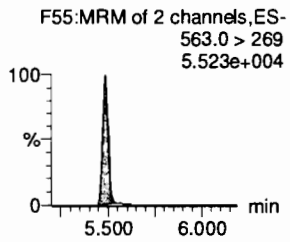

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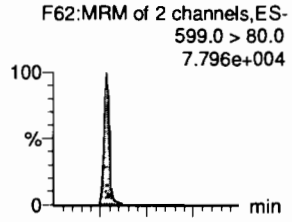
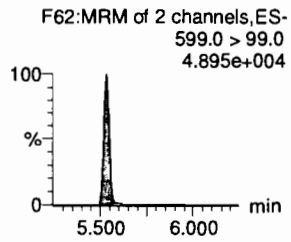
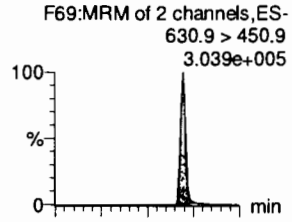
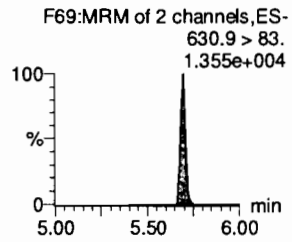


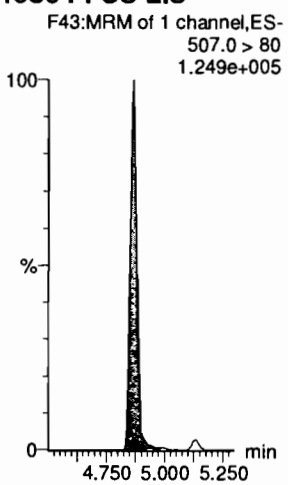


11Cl-PF30UdS

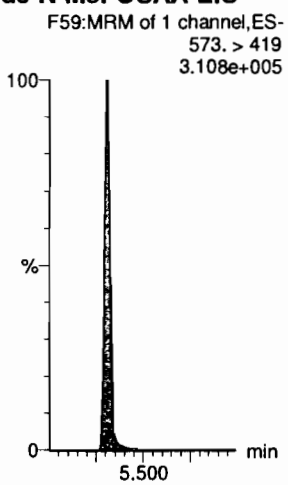




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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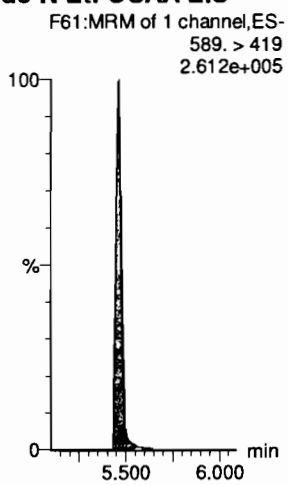
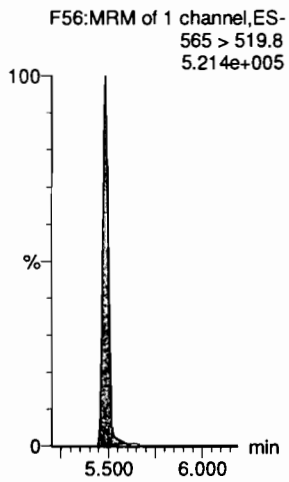
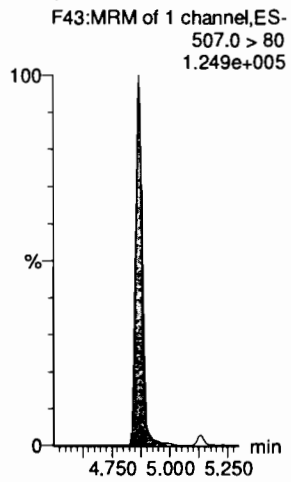


13C2-PFUdA-EIS



13C8-PFOS-EIS



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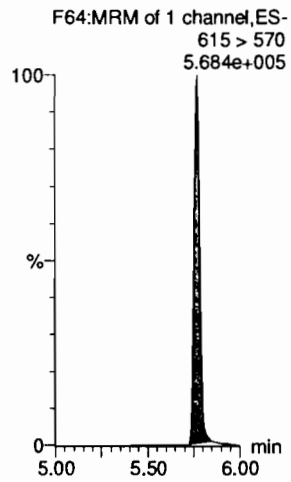

FBR 7/6/2020

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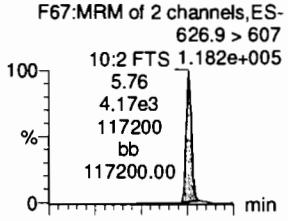
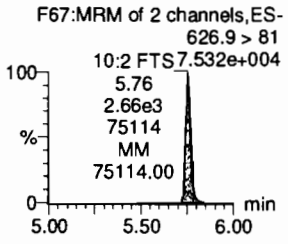
Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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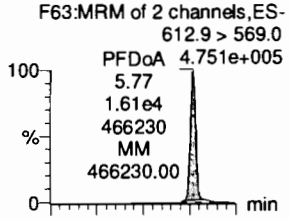
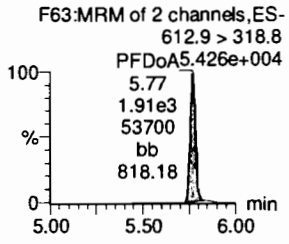
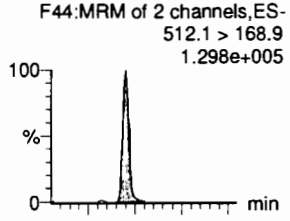
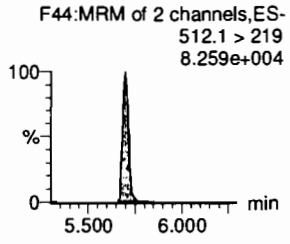




N-MeFOSA





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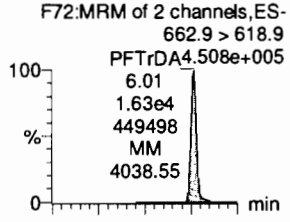

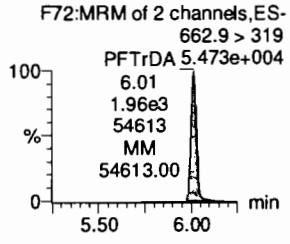

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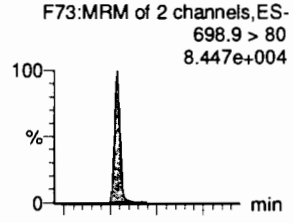

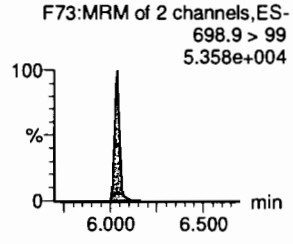

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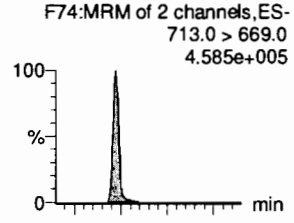
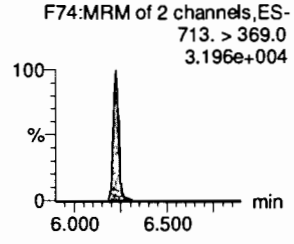
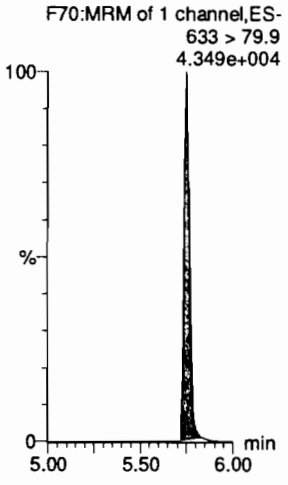




13C2-10:2 FTS-EIS



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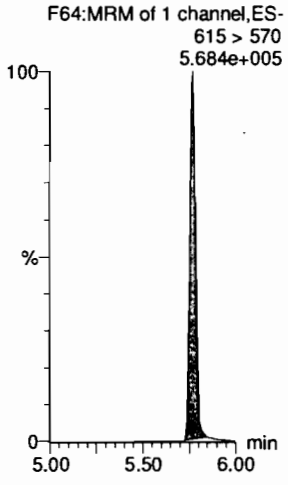
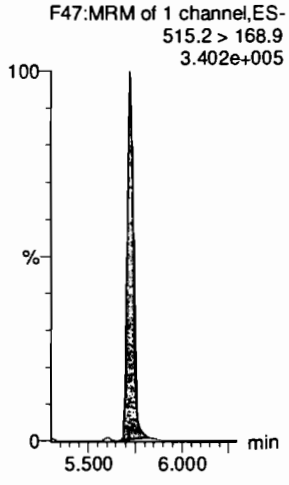


d3-N-MeFOSA-EIS



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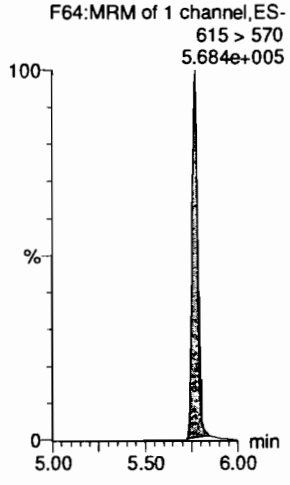

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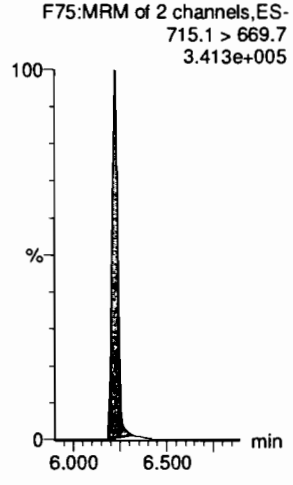

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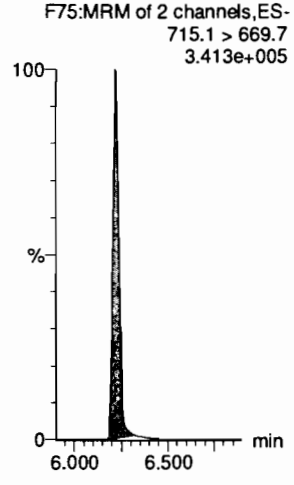

FBR 7/6/2020

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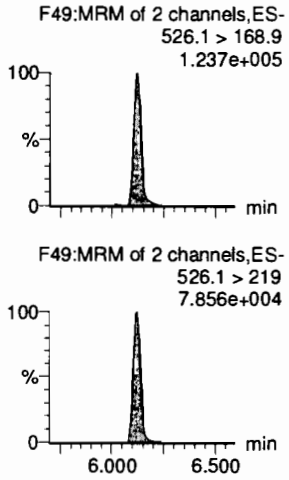
Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

N-EtFOSA



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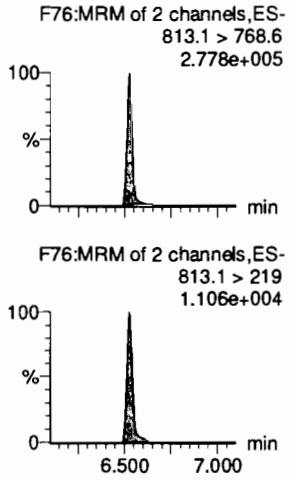

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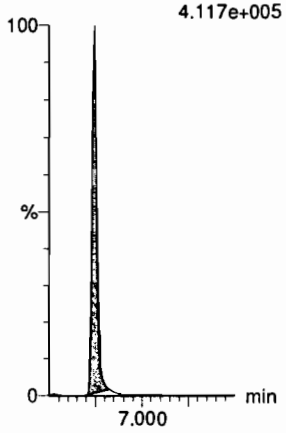
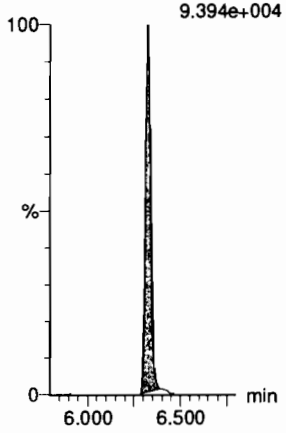
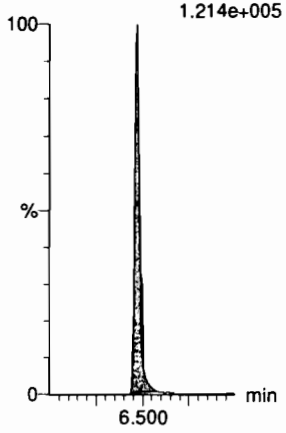


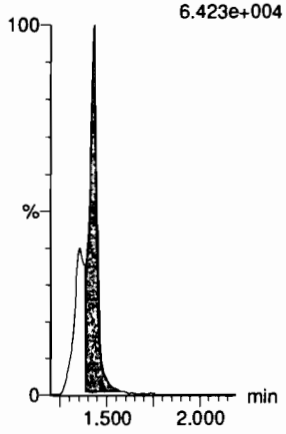
N-MeFOSE



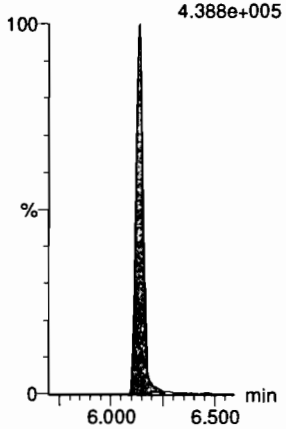
N-EtFOSE



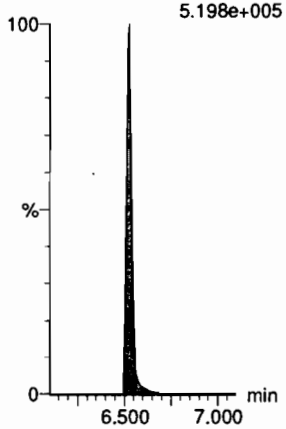
13C3-PFBA-RSD



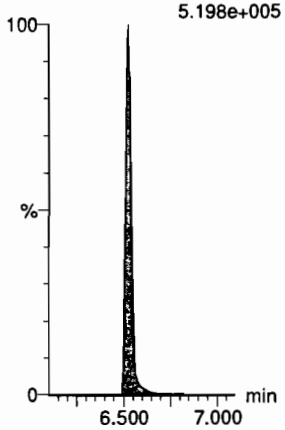
d5-N-ETFOSA-EIS



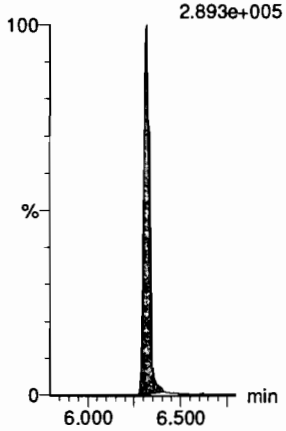
13C2-PFHxDA-EIS



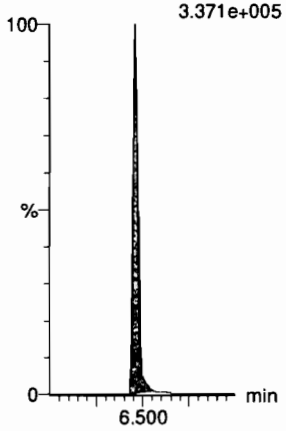
13C2-PFHxDA-EIS



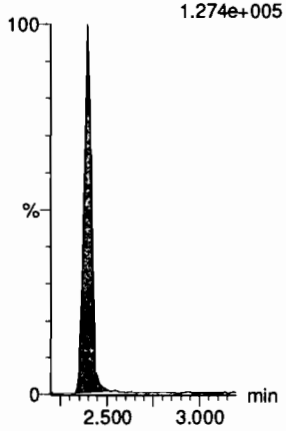
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



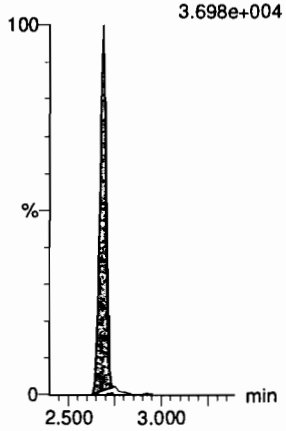
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

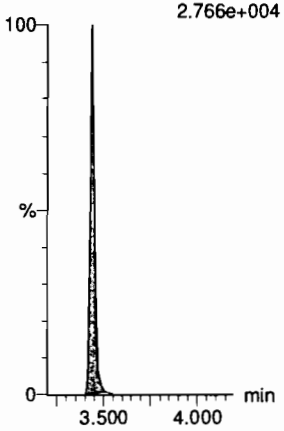
Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

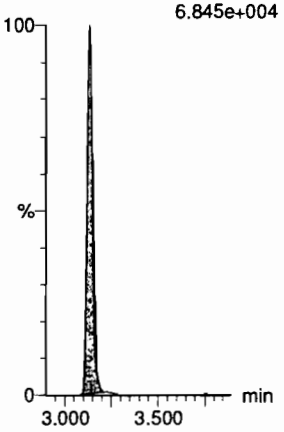
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.698e+004



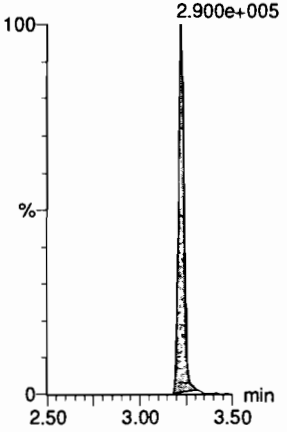
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.766e+004



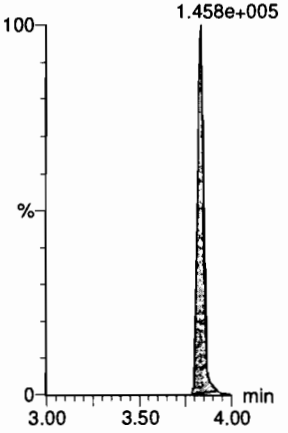
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.845e+004



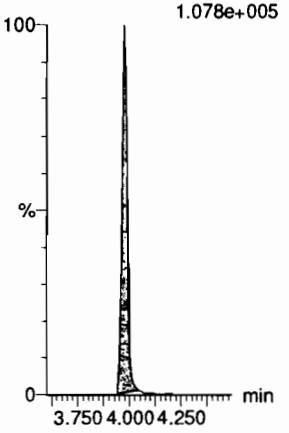
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.900e+005



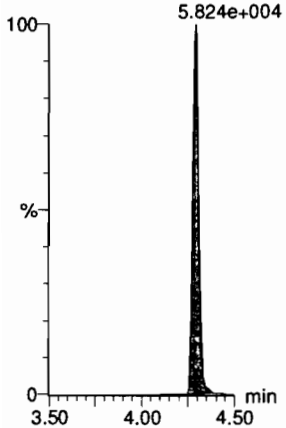
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.458e+005



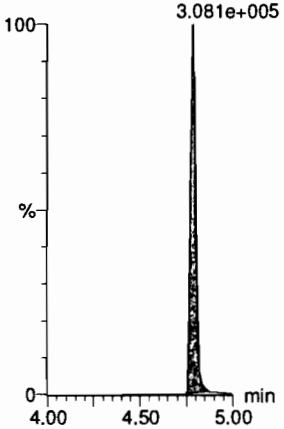
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.078e+005



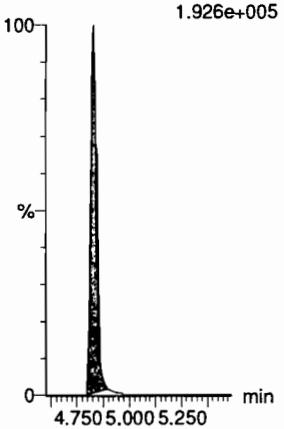
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.824e+004



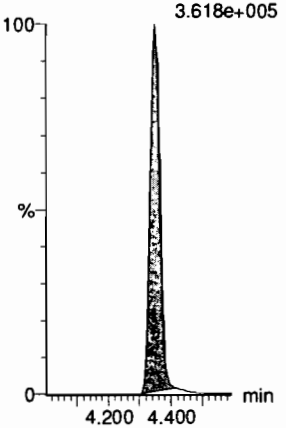
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.081e+005



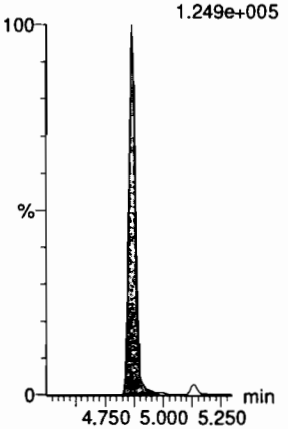
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.926e+005



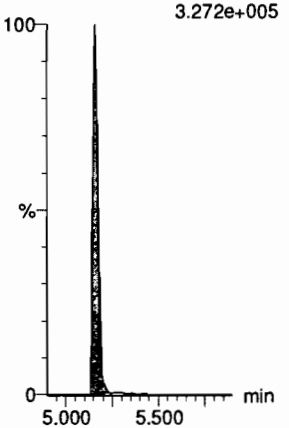
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.618e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.249e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.272e+005



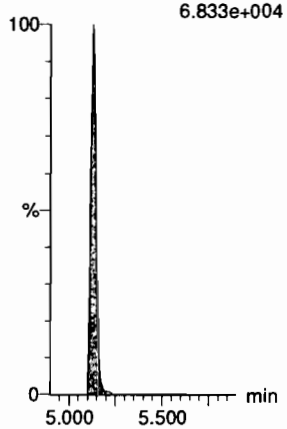
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

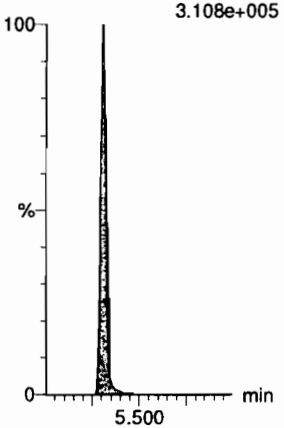
Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

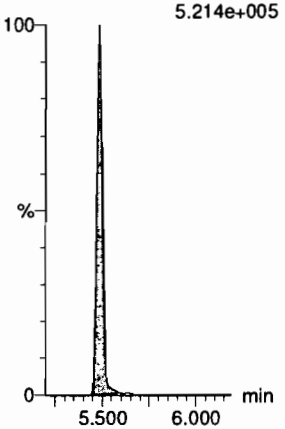
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.833e+004



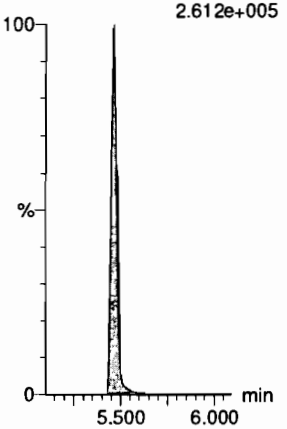
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.108e+005



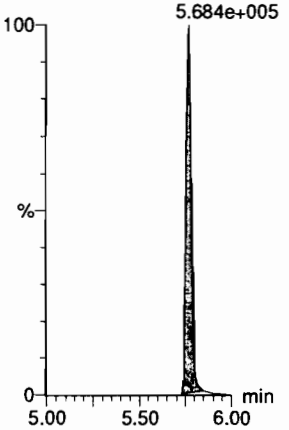
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.214e+005



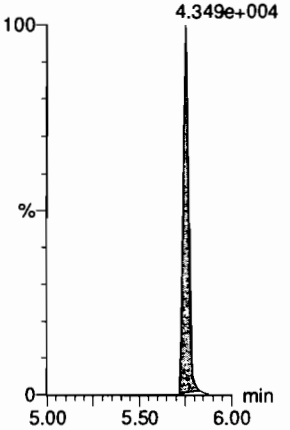
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.612e+005



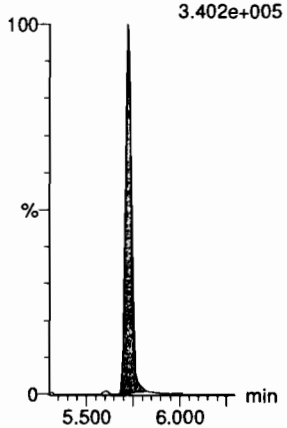
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.684e+005



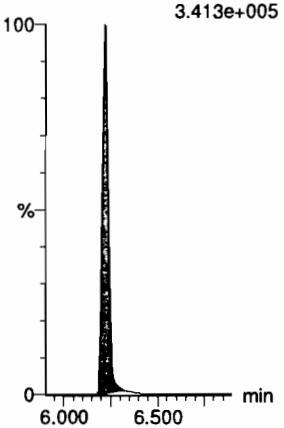
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.349e+004



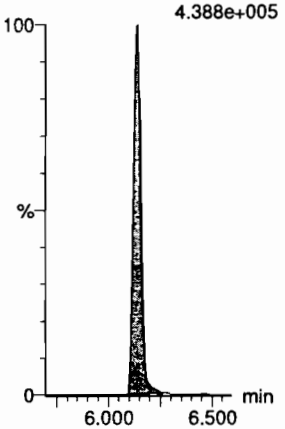
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.402e+005



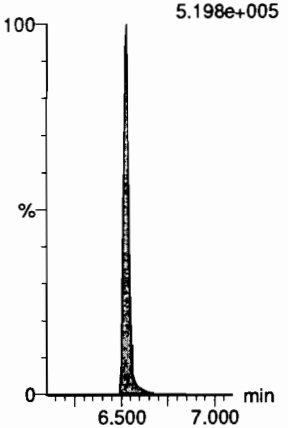
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.413e+005



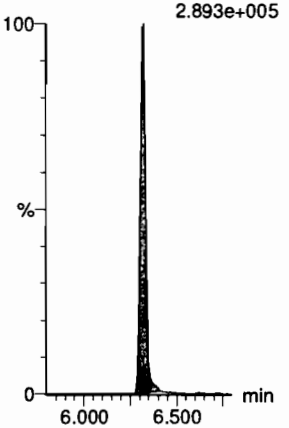
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.388e+005



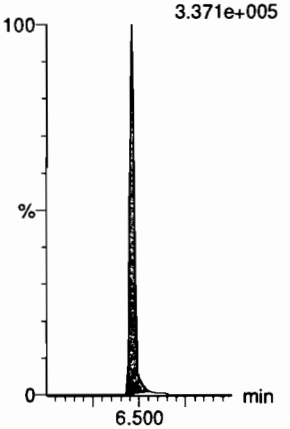
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.198e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.893e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.371e+005



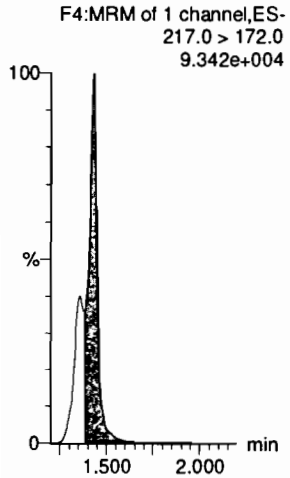
FBR 7/6/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-97.qld

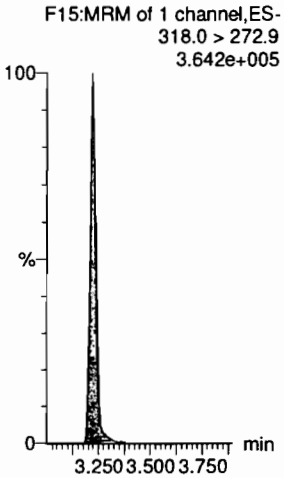
Last Altered: Sunday, July 05, 2020 16:47:34 Pacific Daylight Time
Printed: Monday, July 06, 2020 08:36:08 Pacific Daylight Time

Name: 200702M1_97, Date: 03-Jul-2020, Time: 08:03:38, ID: ST200702M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

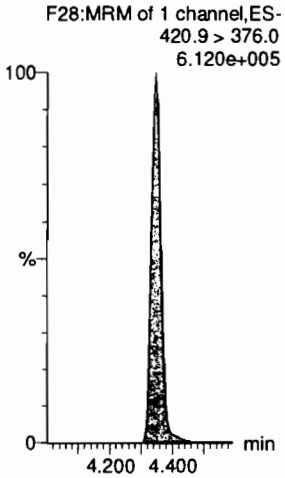
13C4-PFBA



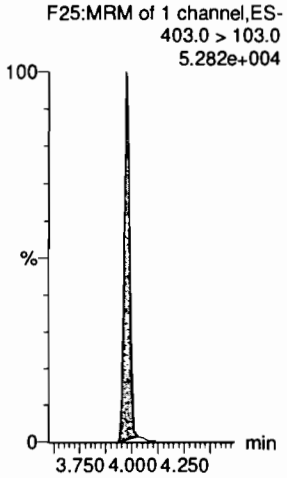
13C5-PFHxA



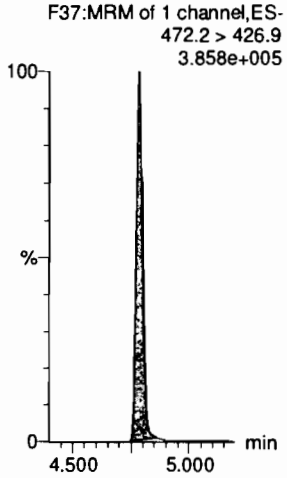
13C8-PFOA



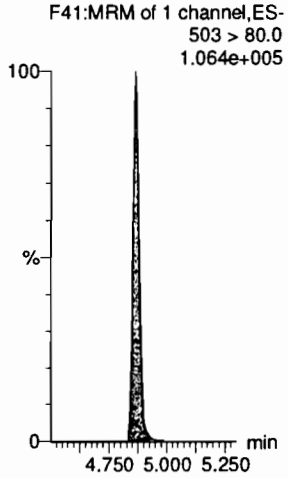
18O2-PFHxS



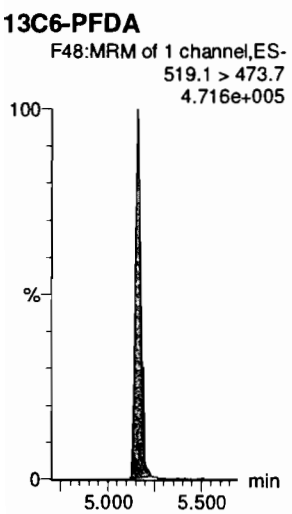
13C9-PFNA



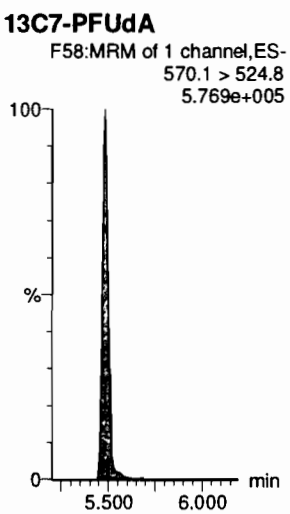
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 7/6/2020

INITIAL CALIBRATION

Low point
3:3 FTCA 1.000
PFHxA 0.500

High point
3:3 FTCA 100.000
5:3 FTCA 100.000
7:3 FTCA 100.000
PFHxS 250.000
10:2 FTS 250.000

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:40:49 Pacific Daylight Time

FR 06/24/2020

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999664
Calibration curve: 0.000141908 * x^2 + 1.51437 * x + -0.0135587
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	1.24	77.894	2685.921	0.363	0.2	-0.7	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	1.24	158.486	2789.737	0.710	0.5	-4.4	NO	1.000	NO	MM
3	3 200623M1_6	Standard	1.000	1.23	317.197	2565.425	1.546	1.0	2.9	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	1.24	673.366	2619.592	3.213	2.1	6.5	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	1.24	1631.333	2850.744	7.153	4.7	-5.4	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	1.24	3226.935	2643.833	15.257	10.1	0.7	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	1.24	16891.043	2860.749	73.805	48.5	-3.0	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	1.24	32662.344	2737.951	149.119	97.6	-2.4	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	1.24	89163.117	2802.850	397.645	256.4	2.6	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	1.24	178422.563	2828.429	788.523	497.5	-0.5	NO	1.000	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999786
Calibration curve: 0.00104784 * x^2 + 1.48438 * x + 0.0200985
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	1.56	36.969	1524.459	0.303	0.2	-23.7	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	1.55	104.128	1614.313	0.806	0.5	5.9	NO	1.000	NO	MM
3	3 200623M1_6	Standard	1.000	1.55	187.716	1425.775	1.646	1.1	9.4	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	1.56	395.869	1499.577	3.300	2.2	10.3	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	1.56	974.111	1690.122	7.204	4.8	-3.5	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	1.56	1921.354	1489.234	16.127	10.8	7.7	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	1.56	9860.326	1570.065	78.503	51.0	2.1	NO	1.000	NO	MM
8	8 200623M1_11	Standard	100.000	1.57	17915.715	1461.224	153.259	96.6	-3.4	NO	1.000	NO	MM
9	9 200623M1_12	Standard	250.000	1.56	51045.266	1449.562	440.178	251.8	0.7	NO	1.000	NO	MM
10	10 200623M1_13	Standard	500.000	1.56	103395.063	1288.146	1003.332	499.7	-0.1	NO	1.000	NO	MM

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998068
Calibration curve: -3.28985e-005 * x^2 + 0.054978 * x + -0.0185185
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	2.04	4.076	5398.049	0.009	0.5	103.5	YES	0.998	NO	MMX
2	2 200623M1_5	Standard	0.500	2.02	16.384	5595.973	0.037	1.0	100.6	YES	0.998	NO	MMX
3	3 200623M1_6	Standard	1.000	2.02	21.097	5267.705	0.050	1.2	24.8	NO	0.998	NO	MM
4	4 200623M1_7	Standard	2.000	2.03	34.674	5446.237	0.080	1.8	-10.7	NO	0.998	NO	MM
5	5 200623M1_8	Standard	5.000	2.02	101.672	5919.475	0.215	4.3	-14.9	NO	0.998	NO	bb
6	6 200623M1_9	Standard	10.000	2.03	222.849	5379.191	0.518	9.8	-1.9	NO	0.998	NO	bb
7	7 200623M1_10	Standard	50.000	2.03	1164.375	5312.017	2.740	51.8	3.6	NO	0.998	NO	bb
8	8 200623M1_11	Standard	100.000	2.03	2151.199	5264.758	5.108	99.1	-0.9	NO	0.998	NO	bb
9	9 200623M1_12	Standard	250.000	2.03	1177.575	5451.405	2.700	51.0	-79.6	YES	0.998	NO	bbX
10	10 200623M1_13	Standard	500.000	2.03	2132.388	4919.788	5.418	105.5	-78.9	YES	0.998	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999963
Calibration curve: 0.000149709 * x^2 + 0.923752 * x + 0.0453808
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	2.16	135.212	5398.049	0.313	0.3	15.9	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	2.16	193.919	5595.973	0.433	0.4	-16.0	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	2.16	398.518	5267.705	0.946	1.0	-2.6	NO	1.000	NO	bb
4	4 200623M1_7	Standard	2.000	2.17	846.139	5446.237	1.942	2.1	2.6	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	2.17	2211.973	5919.475	4.671	5.0	0.1	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	2.17	3985.692	5379.191	9.262	10.0	-0.4	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	2.17	19775.133	5312.017	46.534	49.9	-0.2	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	2.17	39930.992	5264.758	94.807	100.9	0.9	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	2.17	104291.086	5451.405	239.138	248.8	-0.5	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	2.17	196704.719	4919.788	499.779	500.4	0.1	NO	1.000	NO	bb

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999682
Calibration curve: 0.000327167 * x^2 + 2.04289 * x + -0.0566189
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	2.44	58.451	1524.459	0.479	0.3	4.9	NO	1.000	NO	bb
2	2 200623M1_5	Standard	0.500	2.45	108.647	1614.313	0.841	0.4	-12.1	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	2.44	241.866	1425.775	2.120	1.1	6.6	NO	1.000	NO	bb
4	4 200623M1_7	Standard	2.000	2.45	481.184	1499.577	4.011	2.0	-0.5	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	2.45	1297.233	1690.122	9.594	4.7	-5.6	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	2.45	2695.592	1489.234	22.626	11.1	10.8	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	2.45	12235.354	1570.065	97.411	47.4	-5.3	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	2.45	24348.174	1461.224	208.286	100.4	0.4	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	2.45	62215.359	1449.562	536.501	252.4	1.0	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	2.45	113443.492	1288.146	1100.841	499.0	-0.2	NO	1.000	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999440
Calibration curve: -0.000169634 * x^2 + 2.58535 * x + -0.0393252
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	2.88	113.630	2667.604	0.532	0.2	-11.5	NO	0.999	NO	bb
2	2 200623M1_5	Standard	0.500	2.88	247.840	2523.432	1.228	0.5	-2.0	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	2.89	476.652	2425.981	2.456	1.0	-3.5	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	2.89	1004.104	2618.557	4.793	1.9	-6.5	NO	0.999	NO	MM
5	5 200623M1_8	Standard	5.000	2.88	2987.111	2519.281	14.821	5.8	15.0	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	2.89	5515.189	2612.955	26.384	10.2	2.3	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	2.88	25237.705	2351.282	134.170	52.1	4.2	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	2.88	46492.883	2380.809	244.102	95.0	-5.0	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	2.89	106686.688	2075.885	642.417	252.7	1.1	NO	0.999	NO	bb
10	10 200623M1_13	Standard	500.000	2.89	178919.719	1790.860	1248.839	499.4	-0.1	NO	0.999	NO	bb

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Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999789
Calibration curve: -0.000110942 * x^2 + 1.14055 * x + -0.0686764
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	2.97	365.061	10025.219	0.455	0.5	83.7	YES	1.000	NO	bbX
2	2 200623M1_5	Standard	0.500	2.97	394.377	10188.339	0.484	0.5	-3.1	NO	1.000	NO	MM
3	3 200623M1_6	Standard	1.000	2.97	943.903	10195.048	1.157	1.1	7.5	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	2.97	1740.722	10039.493	2.167	2.0	-2.0	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	2.97	5105.604	11299.955	5.648	5.0	0.3	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	2.97	9067.444	10133.785	11.185	9.9	-1.2	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	2.97	43779.996	10066.143	54.365	47.9	-4.1	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	2.97	89716.891	9654.290	116.162	102.9	2.9	NO	1.000	NO	MM
9	9 200623M1_12	Standard	250.000	2.97	222132.859	10015.149	277.246	249.2	-0.3	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	2.97	407129.250	9380.968	542.494	500.0	0.0	NO	1.000	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999885
Calibration curve: -0.000241171 * x^2 + 2.33923 * x + -0.0149839
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	3.18	77.782	1524.459	0.638	0.3	11.6	NO	1.000	NO	bb
2	2 200623M1_5	Standard	0.500	3.18	119.730	1614.313	0.927	0.4	-19.5	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	3.18	276.152	1425.775	2.421	1.0	4.2	NO	1.000	NO	bb
4	4 200623M1_7	Standard	2.000	3.18	585.142	1499.577	4.878	2.1	4.6	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	3.18	1458.516	1690.122	10.787	4.6	-7.6	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	3.18	2918.798	1489.234	24.499	10.5	4.9	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	3.18	14402.573	1570.065	114.665	49.3	-1.4	NO	1.000	NO	MM
8	8 200623M1_11	Standard	100.000	3.18	27258.229	1461.224	233.180	100.7	0.7	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	3.18	66013.391	1449.562	569.253	249.8	-0.1	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	3.18	114320.766	1288.146	1109.354	500.0	0.0	NO	1.000	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998174
Calibration curve: -0.000180706 * x^2 + 0.979554 * x + -0.0762229
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623M1_4	Standard	0.250	3.20	11.666	857.822	0.170	0.3	0.5	NO	0.998	NO	bb
2	2	200623M1_5	Standard	0.500	3.19	25.450	786.231	0.405	0.5	-1.8	NO	0.998	NO	bb
3	3	200623M1_6	Standard	1.000	3.19	56.431	676.372	1.043	1.1	14.3	NO	0.998	NO	bb
4	4	200623M1_7	Standard	2.000	3.19	117.797	741.554	1.986	2.1	5.3	NO	0.998	NO	bb
5	5	200623M1_8	Standard	5.000	3.19	318.380	893.909	4.452	4.6	-7.5	NO	0.998	NO	bb
6	6	200623M1_9	Standard	10.000	3.19	590.960	801.669	9.215	9.5	-5.0	NO	0.998	NO	bb
7	7	200623M1_10	Standard	50.000	3.19	2849.227	773.370	46.052	47.5	-5.0	NO	0.998	NO	bb
8	8	200623M1_11	Standard	100.000	3.19	5770.714	796.660	90.545	94.1	-5.9	NO	0.998	NO	bb
9	9	200623M1_12	Standard	250.000	3.19	14551.380	733.782	247.883	266.2	6.5	NO	0.998	NO	bb
10	10	200623M1_13	Standard	500.000	3.19	25706.930	732.475	438.700	492.7	-1.5	NO	0.998	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999922
Calibration curve: -0.000189084 * x^2 + 0.262801 * x + -0.00246156
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623M1_4	Standard	0.250	3.53	33.869	6646.422	0.064	0.3	0.7	NO	1.000	NO	bb
2	2	200623M1_5	Standard	0.500	3.53	67.829	6708.167	0.126	0.5	-1.9	NO	1.000	NO	bb
3	3	200623M1_6	Standard	1.000	3.53	137.967	6451.633	0.267	1.0	2.7	NO	1.000	NO	bb
4	4	200623M1_7	Standard	2.000	3.53	279.032	6590.424	0.529	2.0	1.3	NO	1.000	NO	bb
5	5	200623M1_8	Standard	5.000	3.53	721.549	6992.880	1.290	4.9	-1.3	NO	1.000	NO	bb
6	6	200623M1_9	Standard	10.000	3.53	1372.599	6733.053	2.548	9.8	-2.3	NO	1.000	NO	bb
7	7	200623M1_10	Standard	50.000	3.53	6608.077	6463.920	12.779	50.5	0.9	NO	1.000	NO	bb
8	8	200623M1_11	Standard	100.000	3.53	12130.849	6230.823	24.336	99.8	-0.2	NO	1.000	NO	bb
9	9	200623M1_12	Standard	250.000	3.53	6994.922	6197.901	14.107	55.9	-77.6	YES	1.000	NO	bbX
10	10	200623M1_13	Standard	500.000	3.53	11815.318	5620.870	26.276	108.5	-78.3	YES	1.000	NO	bbX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999942
Calibration curve: 6.56813e-005 * x^2 + 1.23057 * x + 0.00554826
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	3.58	184.105	6646.422	0.346	0.3	10.7	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	3.58	274.681	6708.167	0.512	0.4	-17.7	NO	1.000	NO	MM
3	3 200623M1_6	Standard	1.000	3.58	669.617	6451.633	1.297	1.0	5.0	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	3.59	1352.137	6590.424	2.565	2.1	4.0	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	3.58	3532.203	6992.880	6.314	5.1	2.5	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	3.59	6482.428	6733.053	12.035	9.8	-2.3	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	3.59	31958.023	6463.920	61.801	50.1	0.2	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	3.59	61021.918	6230.823	122.419	99.0	-1.0	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	3.59	155558.578	6197.901	313.732	251.6	0.6	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	3.59	283729.406	5620.870	630.973	499.4	-0.1	NO	1.000	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999556
Calibration curve: 0.00026296 * x^2 + 4.8464 * x + 0.0561472
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	3.69	670.424	6646.422	1.261	0.2	-0.6	NO	1.000	NO	bb
2	2 200623M1_5	Standard	0.500	3.69	1294.523	6708.167	2.412	0.5	-2.8	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	3.69	2744.496	6451.633	5.317	1.1	8.6	NO	1.000	NO	bb
4	4 200623M1_7	Standard	2.000	3.69	5196.098	6590.424	9.855	2.0	1.1	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	3.69	14260.001	6992.880	25.490	5.2	4.9	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	3.70	25704.947	6733.053	47.722	9.8	-1.7	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	3.69	118433.305	6463.920	229.028	47.1	-5.7	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	3.70	239720.328	6230.823	480.916	98.7	-1.3	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	3.70	625700.313	6197.901	1261.920	256.8	2.7	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	3.70	1112829.250	5620.870	2474.771	497.2	-0.6	NO	1.000	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.997938
Calibration curve: 0.000987339 * x^2 + 0.907821 * x + 0.115509
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	3.73	102.618	3700.322	0.347	0.3	1.8	NO	0.998	NO	MM
2	2 200623M1_5	Standard	0.500	3.74	135.993	3698.978	0.460	0.4	-24.2	NO	0.998	NO	MM
3	3 200623M1_6	Standard	1.000	3.73	247.778	3377.246	0.917	0.9	-11.8	NO	0.998	NO	MM
4	4 200623M1_7	Standard	2.000	3.73	584.141	3650.403	2.000	2.1	3.6	NO	0.998	NO	MM
5	5 200623M1_8	Standard	5.000	3.73	1678.025	3801.359	5.518	5.9	18.3	NO	0.998	NO	MM
6	6 200623M1_9	Standard	10.000	3.73	3094.779	3721.372	10.395	11.2	11.9	NO	0.998	NO	MM
7	7 200623M1_10	Standard	50.000	3.73	15193.211	3717.848	51.082	53.1	6.2	NO	0.998	NO	MM
8	8 200623M1_11	Standard	100.000	3.73	27400.836	3653.814	93.741	93.6	-6.4	NO	0.998	NO	MM
9	9 200623M1_12	Standard	250.000	3.73	79173.102	3401.966	290.909	251.5	0.6	NO	0.998	NO	MM
10	10 200623M1_13	Standard	500.000	3.74	137276.469	3102.417	553.103	418.6	-16.3	NO	0.998	NO	MMX

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999529
Calibration curve: -0.00035441 * x^2 + 2.90796 * x + 0.0218856
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.04	116.922	1753.862	0.833	0.3	11.6	NO	1.000	NO	bb
2	2 200623M1_5	Standard	0.500	4.04	297.346	2408.627	1.543	0.5	4.6	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	4.04	437.283	2264.386	2.414	0.8	-17.7	NO	1.000	NO	bb
4	4 200623M1_7	Standard	2.000	4.04	1061.339	2210.792	6.001	2.1	2.8	NO	1.000	NO	bb
5	5 200623M1_8	Standard	5.000	4.04	2755.272	2328.794	14.789	5.1	1.6	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	4.04	5526.806	2366.791	29.189	10.0	0.4	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	4.04	25156.096	2120.180	148.313	51.3	2.6	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	4.04	45153.590	2061.558	273.783	95.2	-4.8	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	4.04	108348.695	1882.797	719.333	255.3	2.1	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	4.04	186923.500	1717.439	1360.481	498.1	-0.4	NO	1.000	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999824
Calibration curve: 0.00021031 * x^2 + 1.44398 * x + 0.134756
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.09	481.140	13346.288	0.451	0.2	-12.5	NO	1.000	NO	bb
2	2 200623M1_5	Standard	0.500	4.09	846.692	13493.534	0.784	0.4	-10.0	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	4.09	1649.295	12947.393	1.592	1.0	0.9	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	4.09	3382.100	13063.149	3.236	2.1	7.4	NO	1.000	NO	bb
5	5 200623M1_8	Standard	5.000	4.09	8953.169	13970.194	8.011	5.5	9.0	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	4.10	15958.088	13144.485	15.176	10.4	4.0	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	4.10	78220.773	13089.239	74.700	51.3	2.5	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	4.10	152702.813	13035.936	146.425	99.9	-0.1	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	4.10	371211.344	12586.476	368.661	246.4	-1.5	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	4.10	654804.313	10529.414	777.351	501.6	0.3	NO	1.000	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999348
Calibration curve: 7.82065e-005 * x^2 + 0.529591 * x + -0.0238245
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.10	149.639	13346.288	0.140	0.3	23.8	NO	0.999	NO	MM
2	2 200623M1_5	Standard	0.500	4.11	275.932	13493.534	0.256	0.5	5.5	NO	0.999	NO	MM
3	3 200623M1_6	Standard	1.000	4.11	428.663	12947.393	0.414	0.8	-17.4	NO	0.999	NO	MM
4	4 200623M1_7	Standard	2.000	4.11	1048.099	13063.149	1.003	1.9	-3.1	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	4.11	2870.294	13970.194	2.568	4.9	-2.2	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	4.11	5373.128	13144.485	5.110	9.7	-3.2	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	4.11	27125.092	13089.239	25.904	48.6	-2.8	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	4.11	53927.457	13035.936	51.710	96.3	-3.7	NO	0.999	NO	MM
9	9 200623M1_12	Standard	250.000	4.11	143408.172	12586.476	142.423	259.1	3.6	NO	0.999	NO	MM
10	10 200623M1_13	Standard	500.000	4.11	237731.703	10529.414	282.223	496.5	-0.7	NO	0.999	NO	MM

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999010
Calibration curve: -5.68627e-006 * x^2 + 0.924765 * x + 0.0613654
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.20	91.404	4236.138	0.270	0.2	-9.9	NO	0.999	NO	bb
2	2 200623M1_5	Standard	0.500	4.20	170.182	4000.091	0.532	0.5	1.7	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	4.20	307.996	3964.073	0.971	1.0	-1.6	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	4.20	583.862	3766.157	1.938	2.0	1.5	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	4.20	1639.788	4365.878	4.695	5.0	0.2	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	4.21	3056.021	4044.211	9.446	10.1	1.5	NO	0.999	NO	bb
7	7 200623M1_10	Standard	50.000	4.20	14832.810	3595.886	51.562	55.7	11.4	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	4.21	29221.473	4079.678	89.534	96.8	-3.2	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	4.21	70143.906	3882.511	225.833	244.5	-2.2	NO	0.999	NO	bb
10	10 200623M1_13	Standard	500.000	4.21	131504.484	3545.638	463.614	502.8	0.6	NO	0.999	NO	bd

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999131
Calibration curve: -0.000114494 * x^2 + 0.248754 * x + 0.0109413
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.51	77.400	12806.820	0.076	0.3	3.9	NO	0.999	NO	bb
2	2 200623M1_5	Standard	0.500	4.51	165.070	12826.164	0.161	0.6	20.6	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	4.51	239.734	12732.728	0.235	0.9	-9.7	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	4.52	411.834	12689.847	0.406	1.6	-20.6	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	4.51	1398.525	13288.382	1.316	5.3	5.1	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	4.52	2557.122	12800.443	2.497	10.0	0.4	NO	0.999	NO	bb
7	7 200623M1_10	Standard	50.000	4.52	12120.764	12402.523	12.216	50.2	0.5	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	4.52	22196.961	11701.054	23.713	99.9	-0.1	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	4.52	12540.731	11668.603	13.434	55.4	-77.9	YES	0.999	NO	bbX
10	10 200623M1_13	Standard	500.000	4.52	20870.740	10206.605	25.560	108.1	-78.4	YES	0.999	NO	MMX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999890
Calibration curve: 6.3154e-006 * x^2 + 1.26073 * x + -0.0586247
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.53	257.119	12806.820	0.251	0.2	-1.8	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	4.53	608.837	12826.164	0.593	0.5	3.4	NO	1.000	NO	MM
3	3 200623M1_6	Standard	1.000	4.53	1300.010	12732.728	1.276	1.1	5.9	NO	1.000	NO	bb
4	4 200623M1_7	Standard	2.000	4.53	2423.589	12689.847	2.387	1.9	-3.0	NO	1.000	NO	bb
5	5 200623M1_8	Standard	5.000	4.53	6668.021	13288.382	6.272	5.0	0.4	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	4.53	12435.290	12800.443	12.143	9.7	-3.2	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	4.53	61064.898	12402.523	61.545	48.9	-2.3	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	4.53	117361.109	11701.054	125.375	99.4	-0.6	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	4.53	298680.188	11668.603	319.961	253.5	1.4	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	4.53	514376.000	10206.605	629.955	498.5	-0.3	NO	1.000	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999124
Calibration curve: 0.000113595 * x^2 + 0.948867 * x + 0.00682723
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.58	75.726	4127.076	0.229	0.2	-6.2	NO	0.999	NO	bb
2	2 200623M1_5	Standard	0.500	4.58	163.062	4138.745	0.492	0.5	2.4	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	4.58	325.391	3920.391	1.037	1.1	8.6	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	4.58	564.552	4056.038	1.740	1.8	-8.7	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	4.58	1863.240	4509.183	5.165	5.4	8.7	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	4.58	3121.035	4093.601	9.530	10.0	0.2	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	4.58	15690.502	4029.451	48.674	51.0	2.0	NO	0.999	NO	MM
8	8 200623M1_11	Standard	100.000	4.58	29703.746	4149.594	89.478	93.3	-6.7	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	4.58	79004.422	3912.249	252.426	258.1	3.2	NO	0.999	NO	bb
10	10 200623M1_13	Standard	500.000	4.59	154605.656	3865.144	500.000	497.3	-0.5	NO	0.999	NO	MM

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999412
Calibration curve: 0.000189586 * x^2 + 1.00562 * x + 0.0554538
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.61	96.460	4236.138	0.285	0.2	-8.8	NO	0.999	NO	MM
2	2 200623M1_5	Standard	0.500	4.61	143.326	4000.091	0.448	0.4	-22.0	NO	0.999	NO	MM
3	3 200623M1_6	Standard	1.000	4.61	391.733	3964.073	1.235	1.2	17.3	NO	0.999	NO	MM
4	4 200623M1_7	Standard	2.000	4.61	654.736	3766.157	2.173	2.1	5.2	NO	0.999	NO	MM
5	5 200623M1_8	Standard	5.000	4.61	1827.497	4365.878	5.232	5.1	2.9	NO	0.999	NO	MM
6	6 200623M1_9	Standard	10.000	4.61	3343.476	4044.211	10.334	10.2	2.0	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	4.61	15787.720	3595.886	54.881	54.0	7.9	NO	0.999	NO	MM
8	8 200623M1_11	Standard	100.000	4.61	31972.734	4079.678	97.963	95.6	-4.4	NO	0.999	NO	MM
9	9 200623M1_12	Standard	250.000	4.62	81466.328	3882.511	262.286	249.1	-0.4	NO	0.999	NO	MM
10	10 200623M1_13	Standard	500.000	4.62	156368.719	3545.638	551.271	500.8	0.2	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.998816
Calibration curve: -0.000419597 * x^2 + 3.8708 * x + -0.0293118
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.83	276.398	4236.138	0.816	0.2	-12.7	NO	0.999	NO	bb
2	2 200623M1_5	Standard	0.500	4.83	593.069	4000.091	1.853	0.5	-2.7	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	4.83	1409.684	3964.073	4.445	1.2	15.6	NO	0.999	NO	MM
4	4 200623M1_7	Standard	2.000	4.83	2379.547	3766.157	7.898	2.0	2.4	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	4.83	6674.101	4365.878	19.109	4.9	-1.1	NO	0.999	NO	MM
6	6 200623M1_9	Standard	10.000	4.84	11787.629	4044.211	36.434	9.4	-5.7	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	4.84	58725.703	3595.886	204.142	53.1	6.1	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	4.84	115712.242	4079.678	354.539	92.5	-7.5	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	4.83	301041.281	3882.511	969.222	257.6	3.0	NO	0.999	NO	bb
10	10 200623M1_13	Standard	500.000	4.83	516562.688	3545.638	1821.120	497.3	-0.5	NO	0.999	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999882
Calibration curve: -0.000195574 * x^2 + 1.55368 * x + -0.0299181
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.90	436.123	13124.956	0.415	0.3	14.6	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	4.90	675.508	13214.688	0.639	0.4	-13.9	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	4.90	1494.880	12320.793	1.517	1.0	-0.4	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	4.90	3435.768	13201.414	3.253	2.1	5.7	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	4.90	7821.899	13201.376	7.406	4.8	-4.2	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	4.90	15715.258	12691.870	15.478	10.0	-0.1	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	4.90	76711.016	12824.739	74.769	48.4	-3.1	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	4.90	150650.891	12168.314	154.757	100.9	0.9	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	4.91	362917.906	11978.759	378.710	251.7	0.7	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	4.91	661353.688	11377.374	726.611	499.0	-0.2	NO	1.000	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999585
Calibration curve: -0.000190063 * x^2 + 2.28949 * x + 0.0711606
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.87	105.369	2792.523	0.472	0.2	-30.0	YES ND	1.000	NO	bb
2	2 200623M1_5	Standard	0.500	4.87	244.498	2211.949	1.382	0.6	14.5	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	4.87	498.528	2455.512	2.538	1.1	7.7	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	4.87	1079.205	2465.854	5.471	2.4	17.9	NO	1.000	NO	bb
5	5 200623M1_8	Standard	5.000	4.87	2648.468	2873.429	11.521	5.0	0.1	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	4.88	4982.417	2667.816	23.345	10.2	1.7	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	4.88	23738.537	2504.602	118.475	51.9	3.9	NO	1.000	NO	MM
8	8 200623M1_11	Standard	100.000	4.88	41492.164	2379.559	217.961	95.9	-4.1	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	4.88	98688.898	2185.248	564.518	251.8	0.7	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	4.88	170303.688	1941.086	1096.704	499.7	-0.1	NO	1.000	NO	MM

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.999052
Calibration curve: -0.000190421 * x^2 + 1.108 * x + -0.0240272
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	4.96	72.157	4236.138	0.213	0.2	-14.5	NO	0.999	NO	bb
2	2 200623M1_5	Standard	0.500	4.97	179.163	4000.091	0.560	0.5	5.4	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	4.97	360.032	3964.073	1.135	1.0	4.7	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	4.97	620.696	3766.157	2.060	1.9	-5.9	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	4.97	1992.854	4365.878	5.706	5.2	3.5	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	4.97	3328.941	4044.211	10.289	9.3	-6.8	NO	0.999	NO	bb
7	7 200623M1_10	Standard	50.000	4.97	17313.926	3595.886	60.187	54.9	9.7	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	4.97	33773.039	4079.678	103.479	95.0	-5.0	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	4.97	82447.375	3882.511	265.445	250.4	0.1	NO	0.999	NO	MM
10	10 200623M1_13	Standard	500.000	4.97	143739.734	3545.638	506.748	500.4	0.1	NO	0.999	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999172
Calibration curve: -0.000210175 * x^2 + 0.983282 * x + -0.0648349
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.06	178.592	9852.901	0.227	0.3	18.6	NO	0.999	NO	MM
2	2 200623M1_5	Standard	0.500	5.06	359.235	11807.347	0.380	0.5	-9.4	NO	0.999	NO	MM
3	3 200623M1_6	Standard	1.000	5.05	809.558	11428.064	0.885	1.0	-3.3	NO	0.999	NO	MM
4	4 200623M1_7	Standard	2.000	5.06	1582.921	11751.983	1.684	1.8	-11.1	NO	0.999	NO	MM
5	5 200623M1_8	Standard	5.000	5.06	4849.049	13371.076	4.533	4.7	-6.4	NO	0.999	NO	MM
6	6 200623M1_9	Standard	10.000	5.06	8136.907	11991.564	8.482	8.7	-12.9	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	5.06	41612.191	11458.987	45.393	46.7	-6.6	NO	0.999	NO	MM
8	8 200623M1_11	Standard	100.000	5.06	84056.102	10547.295	99.618	103.7	3.7	NO	0.999	NO	MM
9	9 200623M1_12	Standard	250.000	5.06	203128.250	10740.034	236.415	254.3	1.7	NO	0.999	NO	MM
10	10 200623M1_13	Standard	500.000	5.06	370518.344	10603.426	436.791	497.1	-0.6	NO	0.999	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999547
Calibration curve: -0.0001547 * x^2 + 1.02612 * x + -0.108111
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.21	130.454	10476.997	0.156	0.3	2.8	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	5.21	337.184	10130.537	0.416	0.5	2.2	NO	1.000	NO	MM
3	3 200623M1_6	Standard	1.000	5.22	794.451	10792.368	0.920	1.0	0.2	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	5.22	1528.232	10219.688	1.869	1.9	-3.6	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	5.22	4501.560	10924.857	5.151	5.1	2.6	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	5.21	8179.985	10420.313	9.813	9.7	-3.2	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	5.21	41361.813	10048.394	51.453	50.6	1.3	NO	1.000	NO	MM
8	8 200623M1_11	Standard	100.000	5.22	77288.500	10002.722	96.584	95.6	-4.4	NO	1.000	NO	MM
9	9 200623M1_12	Standard	250.000	5.22	188990.891	9334.759	253.074	256.7	2.7	NO	1.000	NO	MM
10	10 200623M1_13	Standard	500.000	5.22	325282.781	8615.758	471.930	497.3	-0.5	NO	1.000	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999183
Calibration curve: 0.000126748 * x^2 + 0.878645 * x + 0.0668402
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.23	382.479	20391.023	0.234	0.2	-23.7	NO	0.999	NO	MM
2	2 200623M1_5	Standard	0.500	5.23	804.469	20434.000	0.492	0.5	-3.2	NO	0.999	NO	MM
3	3 200623M1_6	Standard	1.000	5.23	1400.733	19705.852	0.889	0.9	-6.5	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	5.23	3135.178	19694.363	1.990	2.2	9.4	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	5.23	8329.998	21408.189	4.864	5.5	9.1	NO	0.999	NO	MM
6	6 200623M1_9	Standard	10.000	5.23	14972.179	19076.797	9.810	11.1	10.7	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	5.23	71652.594	18719.518	47.846	54.0	7.9	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	5.23	144964.766	20621.758	87.871	98.5	-1.5	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	5.23	330159.938	18700.240	220.692	242.6	-3.0	NO	0.999	NO	bb
10	10 200623M1_13	Standard	500.000	5.23	644508.188	16980.605	474.444	503.3	0.7	NO	0.999	NO	MM

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999320
Calibration curve: -0.000109767 * x^2 + 0.91666 * x + -0.0444688
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.27	64.981	4236.138	0.192	0.3	3.1	NO	0.999	NO	bb
2	2 200623M1_5	Standard	0.500	5.27	135.599	4000.091	0.424	0.5	2.2	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	5.28	240.822	3964.073	0.759	0.9	-12.3	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	5.28	570.506	3766.157	1.894	2.1	5.7	NO	0.999	NO	bb
5	5 200623M1_8	Standard	5.000	5.28	1670.331	4365.878	4.782	5.3	5.4	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	5.28	2708.836	4044.211	8.373	9.2	-8.1	NO	0.999	NO	bb
7	7 200623M1_10	Standard	50.000	5.28	14120.078	3595.886	49.084	53.9	7.9	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	5.28	28351.377	4079.678	86.868	95.9	-4.1	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	5.28	69147.727	3882.511	222.626	250.4	0.2	NO	0.999	NO	MM
10	10 200623M1_13	Standard	500.000	5.28	122267.039	3545.638	431.047	500.3	0.1	NO	0.999	NO	bb

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.997805
Calibration curve: 5.41265e-005 * x^2 + 0.590347 * x + -0.0508803
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.44	215.937	23133.230	0.117	0.3	13.5	NO	0.998	NO	bb
2	2 200623M1_5	Standard	0.500	5.44	274.473	20463.234	0.168	0.4	-26.0	NO	0.998	NO	bb
3	3 200623M1_6	Standard	1.000	5.44	842.118	24501.230	0.430	0.8	-18.6	NO	0.998	NO	bb
4	4 200623M1_7	Standard	2.000	5.44	2515.719	23639.723	1.330	2.3	17.0	NO	0.998	NO	bb
5	5 200623M1_8	Standard	5.000	5.44	6518.498	25016.359	3.257	5.6	12.0	NO	0.998	NO	bb
6	6 200623M1_9	Standard	10.000	5.44	11022.508	24203.252	5.693	9.7	-2.8	NO	0.998	NO	bb
7	7 200623M1_10	Standard	50.000	5.44	54192.855	22633.264	29.930	50.6	1.1	NO	0.998	NO	bb
8	8 200623M1_11	Standard	100.000	5.44	112121.570	21626.379	64.806	108.8	8.8	NO	0.998	NO	bb
9	9 200623M1_12	Standard	250.000	5.44	254759.266	22515.811	141.434	234.6	-6.2	NO	0.998	NO	bb
10	10 200623M1_13	Standard	500.000	5.44	490877.844	19647.258	312.307	505.7	1.1	NO	0.998	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.998475
Calibration curve: 0.0025394 * x^2 + 2.67158 * x + 0.268706
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.50	151.398	2013.577	0.940	0.3	0.5	NO	0.998	NO	bb
2	2 200623M1_5	Standard	0.500	5.49	230.531	2015.219	1.430	0.4	-13.1	NO	0.998	NO	bb
3	3 200623M1_6	Standard	1.000	5.50	419.866	2055.460	2.553	0.9	-14.6	NO	0.998	NO	bb
4	4 200623M1_7	Standard	2.000	5.50	987.460	2029.669	6.081	2.2	8.6	NO	0.998	NO	MM
5	5 200623M1_8	Standard	5.000	5.50	2392.746	2033.216	14.710	5.4	7.6	NO	0.998	NO	bb
6	6 200623M1_9	Standard	10.000	5.50	4698.845	1961.013	29.952	11.0	10.0	NO	0.998	NO	bb
7	7 200623M1_10	Standard	50.000	5.50	21248.715	1780.367	149.188	53.1	6.1	NO	0.998	NO	bb
8	8 200623M1_11	Standard	100.000	5.50	39691.906	1804.191	274.998	94.4	-5.6	NO	0.998	NO	bb
9	9 200623M1_12	Standard	250.000	5.50	90851.813	1364.835	832.077	251.3	0.5	NO	0.998	NO	bb
10	10 200623M1_13	Standard	500.000	5.50	152035.313	1450.723	1309.996	364.2	-27.2	NO	0.998	NO	bbX

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999849
Calibration curve: -0.000181265 * x^2 + 0.983758 * x + 0.00112072
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.51	459.341	23133.230	0.248	0.3	0.5	NO	1.000	NO	bd
2	2 200623M1_5	Standard	0.500	5.51	953.335	20463.234	0.582	0.6	18.2	NO	1.000	NO	bd
3	3 200623M1_6	Standard	1.000	5.52	1827.545	24501.230	0.932	0.9	-5.3	NO	1.000	NO	bd
4	4 200623M1_7	Standard	2.000	5.51	3756.162	23639.723	1.986	2.0	0.9	NO	1.000	NO	bd
5	5 200623M1_8	Standard	5.000	5.52	8729.059	25016.359	4.362	4.4	-11.3	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	5.51	18499.289	24203.252	9.554	9.7	-2.7	NO	1.000	NO	MM
7	7 200623M1_10	Standard	50.000	5.51	88227.141	22633.264	48.726	50.0	-0.0	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	5.51	166081.813	21626.379	95.995	99.4	-0.6	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	5.52	426981.594	22515.811	237.045	252.7	1.1	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	5.52	700185.750	19647.258	445.473	498.6	-0.3	NO	1.000	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999721
Calibration curve: -6.55202e-005 * x^2 + 1.01682 * x + 0.445329
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	1.250	5.56	140.025	12943.943	1.614	1.1	-8.0	NO	1.000	NO	bb
2	2 200623M1_5	Standard	2.500	5.57	237.018	12889.777	2.743	2.3	-9.6	NO	1.000	NO	bb
3	3 200623M1_6	Standard	5.000	5.57	530.129	13581.292	5.824	5.3	5.8	NO	1.000	NO	bb
4	4 200623M1_7	Standard	10.000	5.57	925.670	12944.854	10.669	10.1	0.6	NO	1.000	NO	bb
5	5 200623M1_8	Standard	25.000	5.57	2649.210	14133.654	27.966	27.1	8.5	NO	1.000	NO	bb
6	6 200623M1_9	Standard	50.000	5.57	4829.083	13344.336	53.993	52.8	5.7	NO	1.000	NO	bb
7	7 200623M1_10	Standard	250.000	5.57	22592.947	13667.532	246.633	246.0	-1.6	NO	1.000	NO	bb
8	8 200623M1_11	Standard	500.000	5.57	45254.934	14069.016	479.922	486.8	-2.6	NO	1.000	NO	bb
9	9 200623M1_12	Standard	1250.000	5.57	114293.234	14374.021	1186.345	1270.3	1.6	NO	1.000	NO	bb
10	10 200623M1_13	Standard	2500.000	5.57	205508.078	14414.253	2127.187	2491.6	-0.3	NO	1.000	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999721
Calibration curve: -6.41195e-005 * x^2 + 0.912772 * x + 0.0109409
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.76	435.788	23133.230	0.235	0.2	-1.6	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	5.76	832.128	20463.234	0.508	0.5	9.0	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	5.76	1712.300	24501.230	0.874	0.9	-5.5	NO	1.000	NO	MM
4	4 200623M1_7	Standard	2.000	5.76	3619.954	23639.723	1.914	2.1	4.3	NO	1.000	NO	MM
5	5 200623M1_8	Standard	5.000	5.76	9254.497	25016.359	4.624	5.1	1.1	NO	1.000	NO	MM
6	6 200623M1_9	Standard	10.000	5.76	16861.473	24203.252	8.708	9.5	-4.7	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	5.76	82862.594	22633.264	45.764	50.3	0.6	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	5.76	161849.344	21626.379	93.549	103.2	3.2	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	5.77	395665.656	22515.811	219.660	244.9	-2.1	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	5.77	694782.438	19647.258	442.035	502.0	0.4	NO	1.000	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999644
Calibration curve: 4.84655e-007 * x^2 + 0.307185 * x + -0.00230761
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.78	85.358	14102.550	0.076	0.3	1.5	NO	1.000	NO	MM
2	2 200623M1_5	Standard	0.500	5.78	178.634	15271.389	0.146	0.5	-3.3	NO	1.000	NO	bb
3	3 200623M1_6	Standard	1.000	5.78	356.859	14450.405	0.309	1.0	1.2	NO	1.000	NO	bb
4	4 200623M1_7	Standard	2.000	5.78	698.357	14577.828	0.599	2.0	-2.2	NO	1.000	NO	bb
5	5 200623M1_8	Standard	5.000	5.79	1929.573	15315.040	1.575	5.1	2.7	NO	1.000	NO	bb
6	6 200623M1_9	Standard	10.000	5.79	3486.155	15371.995	2.835	9.2	-7.6	NO	1.000	NO	bb
7	7 200623M1_10	Standard	50.000	5.79	17701.584	13709.769	16.140	52.5	5.1	NO	1.000	NO	bb
8	8 200623M1_11	Standard	100.000	5.79	34951.566	14051.310	31.093	101.2	1.2	NO	1.000	NO	bb
9	9 200623M1_12	Standard	250.000	5.79	81741.547	13582.309	75.228	244.8	-2.1	NO	1.000	NO	bb
10	10 200623M1_13	Standard	500.000	5.79	155351.453	12580.168	154.361	502.1	0.4	NO	1.000	NO	bb

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.999462
Calibration curve: 9.72702e-005 * x^2 + 1.57045 * x + 0.0287991
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	5.98	501.488	14102.550	0.445	0.3	5.9	NO	0.999	NO	MM
2	2 200623M1_5	Standard	0.500	5.98	951.439	15271.389	0.779	0.5	-4.5	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	5.98	1816.705	14450.405	1.572	1.0	-1.8	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	5.98	3935.569	14577.828	3.375	2.1	6.5	NO	0.999	NO	MM
5	5 200623M1_8	Standard	5.000	5.98	10639.413	15315.040	8.684	5.5	10.2	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	5.98	17791.449	15371.995	14.467	9.2	-8.1	NO	0.999	NO	bb
7	7 200623M1_10	Standard	50.000	5.98	87866.672	13709.769	80.113	50.8	1.7	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	5.98	169627.109	14051.310	150.900	95.5	-4.5	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	5.98	443728.188	13582.309	408.370	256.0	2.4	NO	0.999	NO	bb
10	10 200623M1_13	Standard	500.000	5.98	811230.438	12580.168	806.061	497.9	-0.4	NO	0.999	NO	bb

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999969
Calibration curve: -4.52657e-005 * x^2 + 0.883993 * x + -0.0250784
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	1.250	6.01	144.439	21224.414	1.015	1.2	-5.8	NO	1.000	NO	bb
2	2 200623M1_5	Standard	2.500	6.01	330.818	22003.869	2.243	2.6	2.6	NO	1.000	NO	bb
3	3 200623M1_6	Standard	5.000	6.01	673.962	21755.801	4.622	5.3	5.2	NO	1.000	NO	bb
4	4 200623M1_7	Standard	10.000	6.01	1277.437	21542.494	8.847	10.0	0.4	NO	1.000	NO	bb
5	5 200623M1_8	Standard	25.000	6.01	3422.992	23344.924	21.877	24.8	-0.8	NO	1.000	NO	bb
6	6 200623M1_9	Standard	50.000	6.01	6141.672	21682.805	42.261	48.0	-4.1	NO	1.000	NO	bb
7	7 200623M1_10	Standard	250.000	6.01	30735.668	21068.441	217.660	249.4	-0.2	NO	1.000	NO	bb
8	8 200623M1_11	Standard	500.000	6.01	60282.547	20837.670	431.630	501.2	0.2	NO	1.000	NO	bb
9	9 200623M1_12	Standard	1250.000	6.01	147949.953	21288.623	1036.898	1253.5	0.3	NO	1.000	NO	bb
10	10 200623M1_13	Standard	2500.000	6.01	263410.844	20409.602	1925.608	2497.8	-0.1	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999033
Calibration curve: -7.15557e-005 * x^2 + 0.598372 * x + 0.0701412
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	6.33	407.598	22868.887	0.223	0.3	2.0	NO	0.999	NO	MM
2	2 200623M1_5	Standard	0.500	6.32	715.988	23342.074	0.383	0.5	4.7	NO	0.999	NO	bb
3	3 200623M1_6	Standard	1.000	6.32	1193.336	22075.223	0.676	1.0	1.2	NO	0.999	NO	bb
4	4 200623M1_7	Standard	2.000	6.32	2297.707	22829.055	1.258	2.0	-0.7	NO	0.999	NO	MM
5	5 200623M1_8	Standard	5.000	6.32	5910.688	23645.982	3.125	5.1	2.2	NO	0.999	NO	bb
6	6 200623M1_9	Standard	10.000	6.33	10659.154	22920.238	5.813	9.6	-3.9	NO	0.999	NO	bb
7	7 200623M1_10	Standard	50.000	6.33	52606.777	23391.078	28.113	47.1	-5.7	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	6.33	102044.609	22293.791	57.216	96.6	-3.4	NO	0.999	NO	bb
9	9 200623M1_12	Standard	250.000	6.33	260711.734	21481.703	151.706	261.6	4.6	NO	0.999	NO	bb
10	10 200623M1_13	Standard	500.000	6.33	458861.750	20582.029	278.679	494.9	-1.0	NO	0.999	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999136
Calibration curve: -5.97103e-005 * x^2 + 0.994673 * x + 0.00428214
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	0.250	6.56	485.019	22868.887	0.265	0.3	4.9	NO	0.999	NO	MM
2	2 200623M1_5	Standard	0.500	6.56	899.401	23342.074	0.482	0.5	-4.0	NO	0.999	NO	MM
3	3 200623M1_6	Standard	1.000	6.56	1783.454	22075.223	1.010	1.0	1.1	NO	0.999	NO	MM
4	4 200623M1_7	Standard	2.000	6.56	3697.206	22829.055	2.024	2.0	1.6	NO	0.999	NO	MM
5	5 200623M1_8	Standard	5.000	6.56	9616.965	23645.982	5.084	5.1	2.2	NO	0.999	NO	MM
6	6 200623M1_9	Standard	10.000	6.56	18611.615	22920.238	10.150	10.2	2.1	NO	0.999	NO	MM
7	7 200623M1_10	Standard	50.000	6.56	87492.500	23391.078	46.755	47.1	-5.7	NO	0.999	NO	bb
8	8 200623M1_11	Standard	100.000	6.56	169928.688	22293.791	95.278	96.3	-3.7	NO	0.999	NO	MM
9	9 200623M1_12	Standard	250.000	6.56	438418.938	21481.703	255.112	260.5	4.2	NO	0.999	NO	MM
10	10 200623M1_13	Standard	500.000	6.56	787592.250	20582.029	478.325	495.6	-0.9	NO	0.999	NO	MM

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.999758
Calibration curve: 2.30812e-005 * x^2 + 0.99432 * x + 0.128842
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	1.250	6.24	91.671	8444.418	1.620	1.5	19.9	NO	1.000	NO	bb
2	2 200623M1_5	Standard	2.500	6.24	135.008	9285.945	2.169	2.1	-17.9	NO	1.000	NO	bb
3	3 200623M1_6	Standard	5.000	6.24	258.723	8896.408	4.339	4.2	-15.3	NO	1.000	NO	bb
4	4 200623M1_7	Standard	10.000	6.24	626.547	8547.650	10.936	10.9	8.7	NO	1.000	NO	bb
5	5 200623M1_8	Standard	25.000	6.24	1691.106	9457.287	26.679	26.7	6.7	NO	1.000	NO	MM
6	6 200623M1_9	Standard	50.000	6.24	2879.590	8573.029	50.115	50.2	0.4	NO	1.000	NO	MM
7	7 200623M1_10	Standard	250.000	6.24	13940.123	8459.783	245.853	245.7	-1.7	NO	1.000	NO	MM
8	8 200623M1_11	Standard	500.000	6.24	29204.027	8858.696	491.860	489.0	-2.2	NO	1.000	NO	MM
9	9 200623M1_12	Standard	1250.000	6.24	80624.750	9244.649	1301.208	1271.0	1.7	NO	1.000	NO	MM
10	10 200623M1_13	Standard	2500.000	6.24	166635.984	9482.919	2621.776	2492.4	-0.3	NO	1.000	NO	MM

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Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999712
Calibration curve: 3.88549e-005 * x^2 + 1.04352 * x + 0.203487
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	1.250	6.39	74.643	9414.912	1.183	0.9	-24.9	NO	1.000	NO	bb
2	2 200623M1_5	Standard	2.500	6.39	214.292	10262.174	3.116	2.8	11.6	NO	1.000	NO	bb
3	3 200623M1_6	Standard	5.000	6.39	357.689	10297.063	5.183	4.8	-4.6	NO	1.000	NO	bb
4	4 200623M1_7	Standard	10.000	6.39	783.699	9531.901	12.267	11.6	15.6	NO	1.000	NO	MM
5	5 200623M1_8	Standard	25.000	6.39	1964.695	11248.623	26.059	24.8	-1.0	NO	1.000	NO	MM
6	6 200623M1_9	Standard	50.000	6.39	3654.213	10051.521	54.241	51.7	3.4	NO	1.000	NO	MM
7	7 200623M1_10	Standard	250.000	6.39	18155.119	9992.965	271.065	257.1	2.8	NO	1.000	NO	MM
8	8 200623M1_11	Standard	500.000	6.39	34187.301	9967.307	511.748	481.6	-3.7	NO	1.000	NO	MM
9	9 200623M1_12	Standard	1250.000	6.39	97453.398	10552.043	1377.937	1261.1	0.9	NO	1.000	NO	MM
10	10 200623M1_13	Standard	2500.000	6.39	184376.875	9656.621	2848.722	2497.5	-0.1	NO	1.000	NO	MM

Compound name: 13C3-PFBA-EIS
Response Factor: 211.507
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	1.23	2685.921		2685.921	12.7	1.6	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	1.23	2789.737		2789.737	13.2	5.5	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	1.23	2565.425		2565.425	12.1	-3.0	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	1.24	2619.592		2619.592	12.4	-0.9	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	1.23	2850.744		2850.744	13.5	7.8	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	1.24	2643.833		2643.833	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	1.24	2860.749		2860.749	13.5	8.2	NO		NO	MMX
8	8 200623M1_11	Standard	12.500	1.24	2737.951		2737.951	12.9	3.6	NO		NO	MMX
9	9 200623M1_12	Standard	12.500	1.24	2802.850		2802.850	13.3	6.0	NO		NO	MMX
10	10 200623M1_13	Standard	12.500	1.24	2828.429		2828.429	13.4	7.0	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.649133
RRF SD: 0.0243405, Relative SD: 3.74969
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	1.23	2683.836	3895.352	8.612	13.3	6.1	NO		NO	MM
2	2 200623M1_5	Standard	12.500	1.23	2791.617	4342.490	8.036	12.4	-1.0	NO		NO	MM
3	3 200623M1_6	Standard	12.500	1.23	2614.094	4231.147	7.723	11.9	-4.8	NO		NO	db
4	4 200623M1_7	Standard	12.500	1.24	2626.465	4314.546	7.609	11.7	-6.2	NO		NO	MM
5	5 200623M1_8	Standard	12.500	1.23	2850.744	4300.112	8.287	12.8	2.1	NO		NO	bb
6	6 200623M1_9	Standard	12.500	1.24	2645.628	4194.300	7.885	12.1	-2.8	NO		NO	MM
7	7 200623M1_10	Standard	12.500	1.24	2859.943	4308.526	8.297	12.8	2.3	NO		NO	MM
8	8 200623M1_11	Standard	12.500	1.24	2709.685	4097.003	8.267	12.7	1.9	NO		NO	MM
9	9 200623M1_12	Standard	12.500	1.24	2802.813	4306.399	8.136	12.5	0.3	NO		NO	MM
10	10 200623M1_13	Standard	12.500	1.24	2829.826	4267.041	8.290	12.8	2.2	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 430.335
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.16	5398.049		5398.049	12.5	0.4	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	2.16	5595.973		5595.973	13.0	4.0	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	2.16	5267.705		5267.705	12.2	-2.1	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	2.17	5446.237		5446.237	12.7	1.2	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	2.16	5919.475		5919.475	13.8	10.0	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	2.17	5379.191		5379.191	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.17	5312.017		5312.017	12.3	-1.2	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	2.17	5264.758		5264.758	12.2	-2.1	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	2.17	5451.405		5451.405	12.7	1.3	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	2.17	4919.788		4919.788	11.4	-8.5	NO		NO	bbX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.451973
RRF SD: 0.0205301, Relative SD: 4.54233
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.16	5398.049	10925.962	6.176	13.7	9.3	NO		NO	bb
2	2 200623M1_5	Standard	12.500	2.16	5596.508	12136.397	5.764	12.8	2.0	NO		NO	MM
3	3 200623M1_6	Standard	12.500	2.16	5267.705	12421.449	5.301	11.7	-6.2	NO		NO	bb
4	4 200623M1_7	Standard	12.500	2.17	5446.237	11904.876	5.718	12.7	1.2	NO		NO	bb
5	5 200623M1_8	Standard	12.500	2.16	5919.475	13310.565	5.559	12.3	-1.6	NO		NO	bb
6	6 200623M1_9	Standard	12.500	2.17	5379.191	12516.519	5.372	11.9	-4.9	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.17	5312.017	11713.998	5.668	12.5	0.3	NO		NO	bb
8	8 200623M1_11	Standard	12.500	2.17	5264.758	11855.372	5.551	12.3	-1.7	NO		NO	bb
9	9 200623M1_12	Standard	12.500	2.17	5451.405	12397.229	5.497	12.2	-2.7	NO		NO	bb
10	10 200623M1_13	Standard	12.500	2.17	4919.788	10440.831	5.890	13.0	4.3	NO		NO	bb

Compound name: 13C3-PFBS-EIS
Response Factor: 119.139
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.44	1524.459		1524.459	12.8	2.4	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	2.44	1614.313		1614.313	13.5	8.4	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	2.44	1425.775		1425.775	12.0	-4.3	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	2.45	1499.577		1499.577	12.6	0.7	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	2.44	1690.122		1690.122	14.2	13.5	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	2.44	1489.234		1489.234	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.45	1570.065		1570.065	13.2	5.4	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	2.45	1461.224		1461.224	12.3	-1.9	NO		NO	MMX
9	9 200623M1_12	Standard	12.500	2.45	1449.562		1449.562	12.2	-2.7	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	2.45	1288.146		1288.146	10.8	-13.5	NO		NO	bbX

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Compound name: 13C3-PFBS-RSD
Response Factor: 0.765389
RRF SD: 0.0577535, Relative SD: 7.54565
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.44	1524.459	1676.018	11.370	14.9	18.8	NO		NO	bb
2	2 200623M1_5	Standard	12.500	2.44	1612.436	2110.300	9.551	12.5	-0.2	NO		NO	MM
3	3 200623M1_6	Standard	12.500	2.44	1425.775	1989.783	8.957	11.7	-6.4	NO		NO	bb
4	4 200623M1_7	Standard	12.500	2.45	1499.577	2017.429	9.291	12.1	-2.9	NO		NO	bb
5	5 200623M1_8	Standard	12.500	2.44	1690.122	2106.596	10.029	13.1	4.8	NO		NO	bb
6	6 200623M1_9	Standard	12.500	2.44	1489.234	2039.471	9.128	11.9	-4.6	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.45	1570.065	2004.579	9.790	12.8	2.3	NO		NO	bb
8	8 200623M1_11	Standard	12.500	2.45	1463.312	1940.723	9.425	12.3	-1.5	NO		NO	MM
9	9 200623M1_12	Standard	12.500	2.45	1449.562	2017.758	8.980	11.7	-6.1	NO		NO	bb
10	10 200623M1_13	Standard	12.500	2.45	1288.146	1759.214	9.153	12.0	-4.3	NO		NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 64.1335
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	3.19	857.822		857.822	13.4	7.0	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	3.19	786.231		786.231	12.3	-1.9	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	3.19	676.372		676.372	10.5	-15.6	NO		NO	MMX
4	4 200623M1_7	Standard	12.500	3.19	741.554		741.554	11.6	-7.5	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	3.19	893.909		893.909	13.9	11.5	NO		NO	MMX
6	6 200623M1_9	Standard	12.500	3.19	801.669		801.669	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	3.19	773.370		773.370	12.1	-3.5	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	3.19	796.660		796.660	12.4	-0.6	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	3.19	733.782		733.782	11.4	-8.5	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	3.20	732.475		732.475	11.4	-8.6	NO		NO	MMX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.0653925
RRF SD: 0.00642781, Relative SD: 9.82958
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	3.19	857.822	10925.962	0.981	15.0	20.1	NO		NO	bb
2	2 200623M1_5	Standard	12.500	3.19	786.231	12136.397	0.810	12.4	-0.9	NO		NO	bb
3	3 200623M1_6	Standard	12.500	3.19	676.461	12421.449	0.681	10.4	-16.7	NO		NO	MM
4	4 200623M1_7	Standard	12.500	3.19	741.554	11904.876	0.779	11.9	-4.7	NO		NO	bb
5	5 200623M1_8	Standard	12.500	3.19	895.255	13310.565	0.841	12.9	2.9	NO		NO	MM
6	6 200623M1_9	Standard	12.500	3.19	801.683	12516.519	0.801	12.2	-2.1	NO		NO	MM
7	7 200623M1_10	Standard	12.500	3.19	773.370	11713.998	0.825	12.6	1.0	NO		NO	bb
8	8 200623M1_11	Standard	12.500	3.19	796.660	11855.372	0.840	12.8	2.8	NO		NO	bb
9	9 200623M1_12	Standard	12.500	3.19	733.782	12397.229	0.740	11.3	-9.5	NO		NO	bb
10	10 200623M1_13	Standard	12.500	3.20	732.566	10440.831	0.877	13.4	7.3	NO		NO	MM

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 209.036
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.88	2667.604		2667.604	12.8	2.1	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	2.88	2523.432		2523.432	12.1	-3.4	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	2.88	2425.981		2425.981	11.6	-7.2	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	2.89	2618.557		2618.557	12.5	0.2	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	2.88	2519.281		2519.281	12.1	-3.6	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	2.89	2612.955		2612.955	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.89	2351.282		2351.282	11.2	-10.0	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	2.89	2380.809		2380.809	11.4	-8.9	NO		NO	MMX
9	9 200623M1_12	Standard	12.500	2.89	2075.885		2075.885	9.9	-20.6	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	2.89	1790.860		1790.860	8.6	-31.5	NO		NO	MMX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.22279
RRF SD: 0.159315, Relative SD: 13.0288
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.88	2667.230	1676.018	19.893	16.3	30.1	NO		NO	MM
2	2 200623M1_5	Standard	12.500	2.88	2523.432	2110.300	14.947	12.2	-2.2	NO		NO	bb
3	3 200623M1_6	Standard	12.500	2.88	2425.981	1989.783	15.240	12.5	-0.3	NO		NO	bb
4	4 200623M1_7	Standard	12.500	2.89	2618.557	2017.429	16.225	13.3	6.1	NO		NO	bb
5	5 200623M1_8	Standard	12.500	2.88	2519.281	2106.596	14.949	12.2	-2.2	NO		NO	bb
6	6 200623M1_9	Standard	12.500	2.89	2612.955	2039.471	16.015	13.1	4.8	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.89	2351.282	2004.579	14.662	12.0	-4.1	NO		NO	bb
8	8 200623M1_11	Standard	12.500	2.89	2380.379	1940.723	15.332	12.5	0.3	NO		NO	MM
9	9 200623M1_12	Standard	12.500	2.89	2075.885	2017.758	12.860	10.5	-15.9	NO		NO	bb
10	10 200623M1_13	Standard	12.500	2.89	1791.068	1759.214	12.726	10.4	-16.7	NO		NO	MM

Compound name: 13C2-PFHxA-EIS
Response Factor: 810.703
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.97	10025.219		10025.219	12.4	-1.1	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	2.97	10188.339		10188.339	12.6	0.5	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	2.97	10195.048		10195.048	12.6	0.6	NO		NO	MMX
4	4 200623M1_7	Standard	12.500	2.97	10039.493		10039.493	12.4	-0.9	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	2.97	11299.955		11299.955	13.9	11.5	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	2.97	10133.785		10133.785	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.97	10066.143		10066.143	12.4	-0.7	NO		NO	MMX
8	8 200623M1_11	Standard	12.500	2.97	9654.290		9654.290	11.9	-4.7	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	2.97	10015.149		10015.149	12.4	-1.2	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	2.97	9380.968		9380.968	11.6	-7.4	NO		NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.846152
RRF SD: 0.0373571, Relative SD: 4.41494
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.97	10028.730	10925.962	11.474	13.6	8.5	NO		NO	MM
2	2 200623M1_5	Standard	12.500	2.97	10204.237	12136.397	10.510	12.4	-0.6	NO		NO	MM
3	3 200623M1_6	Standard	12.500	2.97	10192.562	12421.449	10.257	12.1	-3.0	NO		NO	MM
4	4 200623M1_7	Standard	12.500	2.97	10047.007	11904.876	10.549	12.5	-0.3	NO		NO	MM
5	5 200623M1_8	Standard	12.500	2.97	11299.955	13310.565	10.612	12.5	0.3	NO		NO	bb
6	6 200623M1_9	Standard	12.500	2.97	10133.785	12516.519	10.120	12.0	-4.3	NO		NO	bb
7	7 200623M1_10	Standard	12.500	2.97	10063.237	11713.998	10.738	12.7	1.5	NO		NO	MM
8	8 200623M1_11	Standard	12.500	2.97	9654.290	11855.372	10.179	12.0	-3.8	NO		NO	bb
9	9 200623M1_12	Standard	12.500	2.97	10015.149	12397.229	10.098	11.9	-4.5	NO		NO	bb
10	10 200623M1_13	Standard	12.500	2.97	9380.968	10440.831	11.231	13.3	6.2	NO		NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 538.644
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	3.58	6646.422		6646.422	12.3	-1.3	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	3.58	6708.167		6708.167	12.5	-0.4	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	3.58	6451.633		6451.633	12.0	-4.2	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	3.59	6590.424		6590.424	12.2	-2.1	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	3.58	6992.880		6992.880	13.0	3.9	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	3.59	6733.053		6733.053	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	3.59	6463.920		6463.920	12.0	-4.0	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	3.59	6230.823		6230.823	11.6	-7.5	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	3.59	6197.901		6197.901	11.5	-7.9	NO		NO	MMX
10	10 200623M1_13	Standard	12.500	3.59	5620.870		5620.870	10.4	-16.5	NO		NO	MMX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.541269
RRF SD: 0.0288736, Relative SD: 5.33442
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	3.58	6641.861	10925.962	7.599	14.0	12.3	NO		NO	MM
2	2 200623M1_5	Standard	12.500	3.58	6708.950	12136.397	6.910	12.8	2.1	NO		NO	MM
3	3 200623M1_6	Standard	12.500	3.58	6451.633	12421.449	6.492	12.0	-4.0	NO		NO	bb
4	4 200623M1_7	Standard	12.500	3.59	6590.424	11904.876	6.920	12.8	2.3	NO		NO	bb
5	5 200623M1_8	Standard	12.500	3.58	6992.880	13310.565	6.567	12.1	-2.9	NO		NO	bb
6	6 200623M1_9	Standard	12.500	3.59	6733.053	12516.519	6.724	12.4	-0.6	NO		NO	bb
7	7 200623M1_10	Standard	12.500	3.59	6463.920	11713.998	6.898	12.7	1.9	NO		NO	bb
8	8 200623M1_11	Standard	12.500	3.59	6230.823	11855.372	6.570	12.1	-2.9	NO		NO	bb
9	9 200623M1_12	Standard	12.500	3.59	6203.976	12397.229	6.255	11.6	-7.5	NO		NO	MM
10	10 200623M1_13	Standard	12.500	3.59	5616.192	10440.831	6.724	12.4	-0.6	NO		NO	MM

Compound name: 13C3-PFHxS-EIS
Response Factor: 297.71
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	3.73	3700.322		3700.322	12.4	-0.6	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	3.73	3698.978		3698.978	12.4	-0.6	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	3.73	3377.246		3377.246	11.3	-9.2	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	3.73	3650.403		3650.403	12.3	-1.9	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	3.73	3801.359		3801.359	12.8	2.1	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	3.73	3721.372		3721.372	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	3.73	3717.848		3717.848	12.5	-0.1	NO		NO	MMX
8	8 200623M1_11	Standard	12.500	3.73	3653.814		3653.814	12.3	-1.8	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	3.73	3401.966		3401.966	11.4	-8.6	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	3.73	3102.417		3102.417	10.4	-16.6	NO		NO	MMX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 1.82827
RRF SD: 0.147353, Relative SD: 8.05968
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	3.73	3699.165	1676.018	27.589	15.1	20.7	NO		NO	MM
2	2 200623M1_5	Standard	12.500	3.73	3698.978	2110.300	21.910	12.0	-4.1	NO		NO	bb
3	3 200623M1_6	Standard	12.500	3.73	3377.246	1989.783	21.216	11.6	-7.2	NO		NO	bb
4	4 200623M1_7	Standard	12.500	3.73	3650.146	2017.429	22.616	12.4	-1.0	NO		NO	MM
5	5 200623M1_8	Standard	12.500	3.73	3801.359	2106.596	22.556	12.3	-1.3	NO		NO	bb
6	6 200623M1_9	Standard	12.500	3.73	3721.372	2039.471	22.808	12.5	-0.2	NO		NO	bb
7	7 200623M1_10	Standard	12.500	3.73	3718.127	2004.579	23.185	12.7	1.5	NO		NO	MM
8	8 200623M1_11	Standard	12.500	3.73	3653.814	1940.723	23.534	12.9	3.0	NO		NO	bb
9	9 200623M1_12	Standard	12.500	3.73	3401.966	2017.758	21.075	11.5	-7.8	NO		NO	bb
10	10 200623M1_13	Standard	12.500	3.73	3102.286	1759.214	22.043	12.1	-3.5	NO		NO	MM

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 189.343
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.04	1753.862		1753.862	9.3	-25.9	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	4.04	2408.627		2408.627	12.7	1.8	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	4.04	2264.386		2264.386	12.0	-4.3	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	4.04	2210.792		2210.792	11.7	-6.6	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	4.04	2328.794		2328.794	12.3	-1.6	NO		NO	MMX
6	6 200623M1_9	Standard	12.500	4.04	2366.791		2366.791	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.04	2120.180		2120.180	11.2	-10.4	NO		NO	MMX
8	8 200623M1_11	Standard	12.500	4.04	2061.558		2061.558	10.9	-12.9	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	4.04	1882.797		1882.797	9.9	-20.4	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	4.04	1717.439		1717.439	9.1	-27.4	NO		NO	MMX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.517825
RRF SD: 0.0564647, Relative SD: 10.9042
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.04	1753.862	4067.635	5.390	10.4	-16.7	NO		NO	bb
2	2 200623M1_5	Standard	12.500	4.04	2408.627	4205.965	7.158	13.8	10.6	NO		NO	bb
3	3 200623M1_6	Standard	12.500	4.04	2264.386	4254.982	6.652	12.8	2.8	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.04	2210.792	4250.458	6.502	12.6	0.4	NO		NO	bb
5	5 200623M1_8	Standard	12.500	4.04	2387.180	4379.431	6.814	13.2	5.3	NO		NO	MM
6	6 200623M1_9	Standard	12.500	4.04	2366.514	3924.205	7.538	14.6	16.5	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.04	2118.999	4042.092	6.553	12.7	1.2	NO		NO	MM
8	8 200623M1_11	Standard	12.500	4.04	2061.558	3760.674	6.852	13.2	5.9	NO		NO	bb
9	9 200623M1_12	Standard	12.500	4.04	1882.797	4165.505	5.650	10.9	-12.7	NO		NO	bb
10	10 200623M1_13	Standard	12.500	4.04	1717.845	3821.358	5.619	10.9	-13.2	NO		NO	MM

Compound name: 13C5-PFNA-EIS
Response Factor: 1024.04
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.53	12806.820		12806.820	12.5	0.0	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	4.53	12826.164		12826.164	12.5	0.2	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	4.53	12732.728		12732.728	12.4	-0.5	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	4.53	12689.847		12689.847	12.4	-0.9	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	4.53	13288.382		13288.382	13.0	3.8	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	4.53	12800.443		12800.443	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.53	12402.523		12402.523	12.1	-3.1	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	4.53	11701.054		11701.054	11.4	-8.6	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	4.53	11668.603		11668.603	11.4	-8.8	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	4.53	10206.605		10206.605	10.0	-20.3	NO		NO	MMX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.912544
RRF SD: 0.0286366, Relative SD: 3.1381
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.53	12806.820	13330.969	12.009	13.2	5.3	NO		NO	bb
2	2 200623M1_5	Standard	12.500	4.53	12826.164	14120.758	11.354	12.4	-0.5	NO		NO	bb
3	3 200623M1_6	Standard	12.500	4.53	12732.728	13723.146	11.598	12.7	1.7	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.53	12689.847	14208.420	11.164	12.2	-2.1	NO		NO	bb
5	5 200623M1_8	Standard	12.500	4.53	13288.382	14458.088	11.489	12.6	0.7	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.53	12800.443	14067.629	11.374	12.5	-0.3	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.53	12402.523	13063.390	11.868	13.0	4.0	NO		NO	bb
8	8 200623M1_11	Standard	12.500	4.53	11701.054	13554.249	10.791	11.8	-5.4	NO		NO	bb
9	9 200623M1_12	Standard	12.500	4.53	11668.603	13117.646	11.119	12.2	-2.5	NO		NO	bb
10	10 200623M1_13	Standard	12.500	4.53	10209.852	11290.953	11.303	12.4	-0.9	NO		NO	MM

Compound name: 13C8-PFOSA-EIS
Response Factor: 327.488
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.58	4127.076		4127.076	12.6	0.8	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	4.58	4138.745		4138.745	12.6	1.1	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	4.58	3920.391		3920.391	12.0	-4.2	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	4.58	4056.038		4056.038	12.4	-0.9	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	4.58	4509.183		4509.183	13.8	10.2	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	4.58	4093.601		4093.601	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.58	4029.451		4029.451	12.3	-1.6	NO		NO	MMX
8	8 200623M1_11	Standard	12.500	4.58	4149.594		4149.594	12.7	1.4	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	4.58	3912.249		3912.249	11.9	-4.4	NO		NO	MMX
10	10 200623M1_13	Standard	12.500	4.58	3865.144		3865.144	11.8	-5.6	NO		NO	MMX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.176628
RRF SD: 0.0102543, Relative SD: 5.80558
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.58	4130.423	22925.764	2.252	12.8	2.0	NO		NO	MM
2	2 200623M1_5	Standard	12.500	4.58	4138.745	24051.074	2.151	12.2	-2.6	NO		NO	bb
3	3 200623M1_6	Standard	12.500	4.58	3920.391	24170.172	2.027	11.5	-8.2	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.58	4054.431	22811.855	2.222	12.6	0.6	NO		NO	MM
5	5 200623M1_8	Standard	12.500	4.58	4509.183	24671.064	2.285	12.9	3.5	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.58	4096.178	24183.748	2.117	12.0	-4.1	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.58	4030.260	23438.766	2.149	12.2	-2.6	NO		NO	MM
8	8 200623M1_11	Standard	12.500	4.58	4149.594	23699.412	2.189	12.4	-0.9	NO		NO	bb
9	9 200623M1_12	Standard	12.500	4.58	3919.317	22507.518	2.177	12.3	-1.4	NO		NO	MM
10	10 200623M1_13	Standard	12.500	4.58	3893.688	19393.514	2.510	14.2	13.7	NO		NO	MM

Compound name: 13C2-PFOA-EIS
Response Factor: 1051.56
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.09	13346.288		13346.288	12.7	1.5	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	4.09	13493.534		13493.534	12.8	2.7	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	4.09	12947.393		12947.393	12.3	-1.5	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	4.09	13063.149		13063.149	12.4	-0.6	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	4.09	13970.194		13970.194	13.3	6.3	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	4.10	13144.485		13144.485	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.10	13089.239		13089.239	12.4	-0.4	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	4.10	13035.936		13035.936	12.4	-0.8	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	4.10	12586.476		12586.476	12.0	-4.2	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	4.10	10529.414		10529.414	10.0	-19.9	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 0.648755
RRF SD: 0.0257611, Relative SD: 3.97085
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.09	13346.288	19015.777	8.773	13.5	8.2	NO		NO	bb
2	2 200623M1_5	Standard	12.500	4.09	13493.534	20428.672	8.256	12.7	1.8	NO		NO	bb
3	3 200623M1_6	Standard	12.500	4.09	12947.393	19840.316	8.157	12.6	0.6	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.09	13063.149	20141.215	8.107	12.5	-0.0	NO		NO	bb
5	5 200623M1_8	Standard	12.500	4.09	13970.194	22792.543	7.662	11.8	-5.5	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.10	13121.170	21324.725	7.691	11.9	-5.2	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.10	13089.239	20115.846	8.134	12.5	0.3	NO		NO	bb
8	8 200623M1_11	Standard	12.500	4.10	13035.936	19732.801	8.258	12.7	1.8	NO		NO	bb
9	9 200623M1_12	Standard	12.500	4.10	12586.476	19192.533	8.198	12.6	1.1	NO		NO	bb
10	10 200623M1_13	Standard	12.500	4.10	10529.414	16748.689	7.858	12.1	-3.1	NO		NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 323.537
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.61	4236.138		4236.138	13.1	4.7	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	4.61	4000.091		4000.091	12.4	-1.1	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	4.61	3964.073		3964.073	12.3	-2.0	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	4.61	3766.157		3766.157	11.6	-6.9	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	4.61	4365.878		4365.878	13.5	8.0	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	4.61	4044.211		4044.211	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.61	3595.886		3595.886	11.1	-11.1	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	4.61	4079.678		4079.678	12.6	0.9	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	4.61	3882.511		3882.511	12.0	-4.0	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	4.61	3545.638		3545.638	11.0	-12.3	NO		NO	MMX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.96517
RRF SD: 0.0692116, Relative SD: 7.17092
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.61	4236.138	4067.635	13.018	13.5	7.9	NO		NO	bb
2	2 200623M1_5	Standard	12.500	4.61	4000.091	4205.965	11.888	12.3	-1.5	NO		NO	bb
3	3 200623M1_6	Standard	12.500	4.61	3964.073	4254.982	11.645	12.1	-3.5	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.61	3767.553	4250.458	11.080	11.5	-8.2	NO		NO	MM
5	5 200623M1_8	Standard	12.500	4.61	4365.878	4379.431	12.461	12.9	3.3	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.61	4044.211	3924.205	12.882	13.3	6.8	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.61	3595.886	4042.092	11.120	11.5	-7.8	NO		NO	bb
8	8 200623M1_11	Standard	12.500	4.61	4079.678	3760.674	13.560	14.0	12.4	NO		NO	bb
9	9 200623M1_12	Standard	12.500	4.61	3882.511	4165.505	11.651	12.1	-3.4	NO		NO	bb
10	10 200623M1_13	Standard	12.500	4.61	3466.828	3821.358	11.640	11.7	-6.0	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1015.35
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.90	13124.956		13124.956	12.9	3.4	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	4.90	13214.688		13214.688	13.0	4.1	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	4.90	12320.793		12320.793	12.1	-2.9	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	4.90	13201.414		13201.414	13.0	4.0	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	4.90	13201.376		13201.376	13.0	4.0	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	4.90	12691.870		12691.870	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.90	12824.739		12824.739	12.6	1.0	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	4.90	12168.314		12168.314	12.0	-4.1	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	4.91	11978.759		11978.759	11.8	-5.6	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	4.91	11377.374		11377.374	11.2	-10.4	NO		NO	MMX

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Compound name: 13C2-PFDA-RSD
Response Factor: 0.712525
RRF SD: 0.0256003, Relative SD: 3.5929
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.90	13124.956	17826.119	9.203	12.9	3.3	NO		NO	bb
2	2 200623M1_5	Standard	12.500	4.90	13212.704	19706.707	8.381	11.8	-5.9	NO		NO	MM
3	3 200623M1_6	Standard	12.500	4.90	12320.793	17311.391	8.896	12.5	-0.1	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.90	13201.414	18574.701	8.884	12.5	-0.3	NO		NO	bb
5	5 200623M1_8	Standard	12.500	4.90	13201.376	18986.645	8.691	12.2	-2.4	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.90	12691.870	17626.885	9.000	12.6	1.1	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.90	12824.739	18590.428	8.623	12.1	-3.2	NO		NO	bb
8	8 200623M1_11	Standard	12.500	4.90	12168.314	17156.797	8.866	12.4	-0.5	NO		NO	bb
9	9 200623M1_12	Standard	12.500	4.91	11978.759	16693.734	8.970	12.6	0.7	NO		NO	bb
10	10 200623M1_13	Standard	12.500	4.91	11401.961	14922.373	9.551	13.4	7.2	NO		NO	MM

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 213.425
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.87	2792.523		2792.523	13.1	4.7	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	4.87	2211.949		2211.949	10.4	-17.1	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	4.87	2455.512		2455.512	11.5	-8.0	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	4.87	2465.854		2465.854	11.6	-7.6	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	4.87	2873.429		2873.429	13.5	7.7	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	4.88	2667.816		2667.816	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.88	2504.602		2504.602	11.7	-6.1	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	4.88	2379.559		2379.559	11.1	-10.8	NO		NO	MMX
9	9 200623M1_12	Standard	12.500	4.88	2185.248		2185.248	10.2	-18.1	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	4.88	1941.086		1941.086	9.1	-27.2	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.599884
RRF SD: 0.0669223, Relative SD: 11.1559
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623M1_4	Standard	12.500	4.87	2805.915	4067.635	8.623	14.4	15.0	NO		NO	MM
2	2	200623M1_5	Standard	12.500	4.87	2211.949	4205.965	6.574	11.0	-12.3	NO		NO	bb
3	3	200623M1_6	Standard	12.500	4.87	2455.512	4254.982	7.214	12.0	-3.8	NO		NO	bb
4	4	200623M1_7	Standard	12.500	4.87	2465.854	4250.458	7.252	12.1	-3.3	NO		NO	bb
5	5	200623M1_8	Standard	12.500	4.87	2873.429	4379.431	8.201	13.7	9.4	NO		NO	bb
6	6	200623M1_9	Standard	12.500	4.88	2682.491	3924.205	8.545	14.2	14.0	NO		NO	MM
7	7	200623M1_10	Standard	12.500	4.88	2504.602	4042.092	7.745	12.9	3.3	NO		NO	bb
8	8	200623M1_11	Standard	12.500	4.88	2384.267	3760.674	7.925	13.2	5.7	NO		NO	MM
9	9	200623M1_12	Standard	12.500	4.88	2185.248	4165.505	6.558	10.9	-12.5	NO		NO	bb
10	10	200623M1_13	Standard	12.500	4.88	1941.086	3821.358	6.349	10.6	-15.3	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 959.325
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623M1_4	Standard	12.500	5.05	9852.901		9852.901	10.3	-17.8	NO		NO	MMX
2	2	200623M1_5	Standard	12.500	5.05	11807.347		11807.347	12.3	-1.5	NO		NO	bbX
3	3	200623M1_6	Standard	12.500	5.05	11428.064		11428.064	11.9	-4.7	NO		NO	MMX
4	4	200623M1_7	Standard	12.500	5.05	11751.983		11751.983	12.3	-2.0	NO		NO	MMX
5	5	200623M1_8	Standard	12.500	5.05	13371.076		13371.076	13.9	11.5	NO		NO	bbX
6	6	200623M1_9	Standard	12.500	5.05	11991.564		11991.564	12.5	0.0	NO		NO	bb
7	7	200623M1_10	Standard	12.500	5.05	11458.987		11458.987	11.9	-4.4	NO		NO	bbX
8	8	200623M1_11	Standard	12.500	5.05	10547.295		10547.295	11.0	-12.0	NO		NO	bbX
9	9	200623M1_12	Standard	12.500	5.05	10740.034		10740.034	11.2	-10.4	NO		NO	bbX
10	10	200623M1_13	Standard	12.500	5.05	10603.426		10603.426	11.1	-11.6	NO		NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.490372
RRF SD: 0.0375918, Relative SD: 7.66597
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.05	9849.158	22925.764	5.370	11.0	-12.4	NO		NO	MM
2	2 200623M1_5	Standard	12.500	5.05	11807.347	24051.074	6.137	12.5	0.1	NO		NO	bb
3	3 200623M1_6	Standard	12.500	5.05	11420.926	24170.172	5.907	12.0	-3.6	NO		NO	MM
4	4 200623M1_7	Standard	12.500	5.05	11747.430	22811.855	6.437	13.1	5.0	NO		NO	MM
5	5 200623M1_8	Standard	12.500	5.05	13371.076	24671.064	6.775	13.8	10.5	NO		NO	bb
6	6 200623M1_9	Standard	12.500	5.05	11991.564	24183.748	6.198	12.6	1.1	NO		NO	bb
7	7 200623M1_10	Standard	12.500	5.05	11458.987	23438.766	6.111	12.5	-0.3	NO		NO	bb
8	8 200623M1_11	Standard	12.500	5.05	10547.295	23699.412	5.563	11.3	-9.2	NO		NO	bb
9	9 200623M1_12	Standard	12.500	5.05	10740.034	22507.518	5.965	12.2	-2.7	NO		NO	bb
10	10 200623M1_13	Standard	12.500	5.05	10603.426	19393.514	6.834	13.9	11.5	NO		NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1526.14
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.23	20391.023		20391.023	13.4	6.9	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	5.23	20434.000		20434.000	13.4	7.1	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	5.23	19705.852		19705.852	12.9	3.3	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	5.23	19694.363		19694.363	12.9	3.2	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	5.23	21408.189		21408.189	14.0	12.2	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	5.23	19076.797		19076.797	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	5.23	18719.518		18719.518	12.3	-1.9	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	5.23	20621.758		20621.758	13.5	8.1	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	5.23	18700.240		18700.240	12.3	-2.0	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	5.23	16980.605		16980.605	11.1	-11.0	NO		NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 0.844947
RRF SD: 0.034645, Relative SD: 4.10026
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.23	20391.023	22925.764	11.118	13.2	5.3	NO		NO	bb
2	2 200623M1_5	Standard	12.500	5.23	20434.000	24051.074	10.620	12.6	0.6	NO		NO	bb
3	3 200623M1_6	Standard	12.500	5.23	19705.852	24170.172	10.191	12.1	-3.5	NO		NO	bb
4	4 200623M1_7	Standard	12.500	5.23	19694.363	22811.855	10.792	12.8	2.2	NO		NO	bb
5	5 200623M1_8	Standard	12.500	5.23	21408.189	24671.064	10.847	12.8	2.7	NO		NO	bb
6	6 200623M1_9	Standard	12.500	5.23	19076.797	24183.748	9.860	11.7	-6.6	NO		NO	bb
7	7 200623M1_10	Standard	12.500	5.23	18719.518	23438.766	9.983	11.8	-5.5	NO		NO	bb
8	8 200623M1_11	Standard	12.500	5.23	20621.758	23699.412	10.877	12.9	3.0	NO		NO	bb
9	9 200623M1_12	Standard	12.500	5.23	18700.240	22507.518	10.386	12.3	-1.7	NO		NO	bb
10	10 200623M1_13	Standard	12.500	5.23	16980.605	19393.514	10.945	13.0	3.6	NO		NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 833.625
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.21	10476.997		10476.997	12.6	0.5	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	5.21	10130.537		10130.537	12.2	-2.8	NO		NO	bbX
3	3 200623M1_6	Standard	12.500	5.21	10792.368		10792.368	12.9	3.6	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	5.21	10219.688		10219.688	12.3	-1.9	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	5.21	10924.857		10924.857	13.1	4.8	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	5.21	10420.313		10420.313	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	5.21	10048.394		10048.394	12.1	-3.6	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	5.21	10002.722		10002.722	12.0	-4.0	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	5.21	9334.759		9334.759	11.2	-10.4	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	5.21	8615.758		8615.758	10.3	-17.3	NO		NO	MMX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.435616
RRF SD: 0.0139684, Relative SD: 3.20659
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.21	10476.997	22925.764	5.712	13.1	4.9	NO		NO	bb
2	2 200623M1_5	Standard	12.500	5.21	10130.537	24051.074	5.265	12.1	-3.3	NO		NO	bb
3	3 200623M1_6	Standard	12.500	5.21	10792.368	24170.172	5.581	12.8	2.5	NO		NO	bb
4	4 200623M1_7	Standard	12.500	5.21	10219.688	22811.855	5.600	12.9	2.8	NO		NO	bb
5	5 200623M1_8	Standard	12.500	5.21	10924.857	24671.064	5.535	12.7	1.7	NO		NO	bb
6	6 200623M1_9	Standard	12.500	5.21	10416.996	24183.748	5.384	12.4	-1.1	NO		NO	MM
7	7 200623M1_10	Standard	12.500	5.21	10048.394	23438.766	5.359	12.3	-1.6	NO		NO	bb
8	8 200623M1_11	Standard	12.500	5.21	10002.722	23699.412	5.276	12.1	-3.1	NO		NO	bb
9	9 200623M1_12	Standard	12.500	5.21	9334.759	22507.518	5.184	11.9	-4.8	NO		NO	bb
10	10 200623M1_13	Standard	12.500	5.21	8617.678	19393.514	5.554	12.8	2.0	NO		NO	MM

Compound name: 13C2-PFDoA-EIS
Response Factor: 1936.26
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.51	23133.230		23133.230	11.9	-4.4	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	5.51	20463.234		20463.234	10.6	-15.5	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	5.52	24501.230		24501.230	12.7	1.2	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	5.51	23639.723		23639.723	12.2	-2.3	NO		NO	bbX
5	5 200623M1_8	Standard	12.500	5.52	25016.359		25016.359	12.9	3.4	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	5.51	24203.252		24203.252	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	5.51	22633.264		22633.264	11.7	-6.5	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	5.51	21626.379		21626.379	11.2	-10.6	NO		NO	MMX
9	9 200623M1_12	Standard	12.500	5.52	22515.811		22515.811	11.6	-7.0	NO		NO	MMX
10	10 200623M1_13	Standard	12.500	5.52	19647.258		19647.258	10.1	-18.8	NO		NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.28656
RRF SD: 0.101783, Relative SD: 7.9113
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.51	23133.230	17826.119	16.221	12.6	0.9	NO		NO	bb
2	2 200623M1_5	Standard	12.500	5.51	20622.549	19706.707	13.081	10.2	-18.7	NO		NO	MM
3	3 200623M1_6	Standard	12.500	5.52	24501.230	17311.391	17.692	13.8	10.0	NO		NO	bb
4	4 200623M1_7	Standard	12.500	5.51	23639.723	18574.701	15.909	12.4	-1.1	NO		NO	bb
5	5 200623M1_8	Standard	12.500	5.52	25016.359	18986.645	16.470	12.8	2.4	NO		NO	bb
6	6 200623M1_9	Standard	12.500	5.51	24203.252	17626.885	17.164	13.3	6.7	NO		NO	bb
7	7 200623M1_10	Standard	12.500	5.51	22633.264	18590.428	15.218	11.8	-5.4	NO		NO	bb
8	8 200623M1_11	Standard	12.500	5.51	21615.924	17156.797	15.749	12.2	-2.1	NO		NO	MM
9	9 200623M1_12	Standard	12.500	5.52	22515.021	16693.734	16.859	13.1	4.8	NO		NO	MM
10	10 200623M1_13	Standard	12.500	5.52	19647.258	14922.373	16.458	12.8	2.3	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 156.881
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.49	2013.577		2013.577	12.8	2.7	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	5.49	2015.219		2015.219	12.8	2.8	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	5.49	2055.460		2055.460	13.1	4.8	NO		NO	bbX
4	4 200623M1_7	Standard	12.500	5.49	2029.669		2029.669	12.9	3.5	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	5.50	2033.216		2033.216	13.0	3.7	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	5.50	1961.013		1961.013	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	5.50	1780.367		1780.367	11.3	-9.2	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	5.50	1804.191		1804.191	11.5	-8.0	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	5.50	1364.835		1364.835	8.7	-30.4	NO		NO	MMX
10	10 200623M1_13	Standard	12.500	5.49	1450.723		1450.723	9.2	-26.0	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.452608
RRF SD: 0.056023, Relative SD: 12.3778
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.49	2013.115	4067.635	6.186	13.7	9.3	NO		NO	MM
2	2 200623M1_5	Standard	12.500	5.49	2014.494	4205.965	5.987	13.2	5.8	NO		NO	MM
3	3 200623M1_6	Standard	12.500	5.49	2055.460	4254.982	6.038	13.3	6.7	NO		NO	bb
4	4 200623M1_7	Standard	12.500	5.49	2028.254	4250.458	5.965	13.2	5.4	NO		NO	MM
5	5 200623M1_8	Standard	12.500	5.50	2033.216	4379.431	5.803	12.8	2.6	NO		NO	bb
6	6 200623M1_9	Standard	12.500	5.50	1963.271	3924.205	6.254	13.8	10.5	NO		NO	MM
7	7 200623M1_10	Standard	12.500	5.50	1780.367	4042.092	5.506	12.2	-2.7	NO		NO	bb
8	8 200623M1_11	Standard	12.500	5.50	1804.191	3760.674	5.997	13.2	6.0	NO		NO	bb
9	9 200623M1_12	Standard	12.500	5.50	1365.539	4165.505	4.098	9.1	-27.6	NO		NO	MM
10	10 200623M1_13	Standard	12.500	5.49	1449.685	3821.358	4.742	10.5	-16.2	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 89.4392
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	5.60	12943.943		12943.943	144.7	-3.0	NO		NO	bbX
2	2 200623M1_5	Standard	149.200	5.60	12889.777		12889.777	144.1	-3.4	NO		NO	bbX
3	3 200623M1_6	Standard	149.200	5.60	13581.292		13581.292	151.8	1.8	NO		NO	bbX
4	4 200623M1_7	Standard	149.200	5.60	12944.854		12944.854	144.7	-3.0	NO		NO	bbX
5	5 200623M1_8	Standard	149.200	5.60	14133.654		14133.654	158.0	5.9	NO		NO	bbX
6	6 200623M1_9	Standard	149.200	5.60	13344.336		13344.336	149.2	0.0	NO		NO	MM
7	7 200623M1_10	Standard	149.200	5.60	13667.532		13667.532	152.8	2.4	NO		NO	bbX
8	8 200623M1_11	Standard	149.200	5.60	14069.016		14069.016	157.3	5.4	NO		NO	bbX
9	9 200623M1_12	Standard	149.200	5.60	14374.021		14374.021	160.7	7.7	NO		NO	bbX
10	10 200623M1_13	Standard	149.200	5.60	14414.253		14414.253	161.2	8.0	NO		NO	MMX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0495472
RRF SD: 0.00505413, Relative SD: 10.2006
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	5.60	12943.943	22925.764	7.058	142.4	-4.5	NO		NO	bb
2	2 200623M1_5	Standard	149.200	5.60	12889.777	24051.074	6.699	135.2	-9.4	NO		NO	bb
3	3 200623M1_6	Standard	149.200	5.60	13581.292	24170.172	7.024	141.8	-5.0	NO		NO	bb
4	4 200623M1_7	Standard	149.200	5.60	12944.854	22811.855	7.093	143.2	-4.0	NO		NO	bb
5	5 200623M1_8	Standard	149.200	5.60	14133.654	24671.064	7.161	144.5	-3.1	NO		NO	bb
6	6 200623M1_9	Standard	149.200	5.60	13343.209	24183.748	6.897	139.2	-6.7	NO		NO	MM
7	7 200623M1_10	Standard	149.200	5.60	13667.532	23438.766	7.289	147.1	-1.4	NO		NO	bb
8	8 200623M1_11	Standard	149.200	5.60	14069.016	23699.412	7.421	149.8	0.4	NO		NO	bb
9	9 200623M1_12	Standard	149.200	5.60	14374.021	22507.518	7.983	161.1	8.0	NO		NO	bb
10	10 200623M1_13	Standard	149.200	5.60	14429.320	19393.514	9.300	187.7	25.8	NO		NO	MM

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1229.76
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.98	14102.550		14102.550	11.5	-8.3	NO		NO	bbX
2	2 200623M1_5	Standard	12.500	5.98	15271.389		15271.389	12.4	-0.7	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	5.98	14450.405		14450.405	11.8	-6.0	NO		NO	MMX
4	4 200623M1_7	Standard	12.500	5.98	14577.828		14577.828	11.9	-5.2	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	5.98	15315.040		15315.040	12.5	-0.4	NO		NO	bbX
6	6 200623M1_9	Standard	12.500	5.98	15371.995		15371.995	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	5.98	13709.769		13709.769	11.1	-10.8	NO		NO	bbX
8	8 200623M1_11	Standard	12.500	5.98	14051.310		14051.310	11.4	-8.6	NO		NO	bbX
9	9 200623M1_12	Standard	12.500	5.98	13582.309		13582.309	11.0	-11.6	NO		NO	bbX
10	10 200623M1_13	Standard	12.500	5.98	12580.168		12580.168	10.2	-18.2	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 0.617286
RRF SD: 0.0219464, Relative SD: 3.55531
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	5.98	14102.550	22925.764	7.689	12.5	-0.3	NO		NO	bb
2	2 200623M1_5	Standard	12.500	5.98	15263.722	24051.074	7.933	12.9	2.8	NO		NO	MM
3	3 200623M1_6	Standard	12.500	5.98	14445.166	24170.172	7.471	12.1	-3.2	NO		NO	MM
4	4 200623M1_7	Standard	12.500	5.98	14578.777	22811.855	7.989	12.9	3.5	NO		NO	MM
5	5 200623M1_8	Standard	12.500	5.98	15315.040	24671.064	7.760	12.6	0.6	NO		NO	bb
6	6 200623M1_9	Standard	12.500	5.98	15371.995	24183.748	7.945	12.9	3.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	5.98	13709.769	23438.766	7.311	11.8	-5.2	NO		NO	bb
8	8 200623M1_11	Standard	12.500	5.98	14051.310	23699.412	7.411	12.0	-4.0	NO		NO	bb
9	9 200623M1_12	Standard	12.500	5.98	13582.309	22507.518	7.543	12.2	-2.2	NO		NO	bb
10	10 200623M1_13	Standard	12.500	5.98	12580.168	19393.514	8.108	13.1	5.1	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 145.327
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	6.03	21224.414		21224.414	146.0	-2.1	NO		NO	bbX
2	2 200623M1_5	Standard	149.200	6.03	22003.869		22003.869	151.4	1.5	NO		NO	bbX
3	3 200623M1_6	Standard	149.200	6.03	21755.801		21755.801	149.7	0.3	NO		NO	bbX
4	4 200623M1_7	Standard	149.200	6.03	21542.494		21542.494	148.2	-0.6	NO		NO	bbX
5	5 200623M1_8	Standard	149.200	6.03	23344.924		23344.924	160.6	7.7	NO		NO	bbX
6	6 200623M1_9	Standard	149.200	6.03	21682.805		21682.805	149.2	0.0	NO		NO	bb
7	7 200623M1_10	Standard	149.200	6.03	21068.441		21068.441	145.0	-2.8	NO		NO	bbX
8	8 200623M1_11	Standard	149.200	6.03	20837.670		20837.670	143.4	-3.9	NO		NO	bbX
9	9 200623M1_12	Standard	149.200	6.04	21288.623		21288.623	146.5	-1.8	NO		NO	bbX
10	10 200623M1_13	Standard	149.200	6.04	20409.602		20409.602	140.4	-5.9	NO		NO	MMX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.0779586
RRF SD: 0.00411389, Relative SD: 5.27701
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	6.03	21224.414	22925.764	11.572	148.4	-0.5	NO		NO	bb
2	2 200623M1_5	Standard	149.200	6.03	22003.869	24051.074	11.436	146.7	-1.7	NO		NO	bb
3	3 200623M1_6	Standard	149.200	6.03	21755.801	24170.172	11.251	144.3	-3.3	NO		NO	bb
4	4 200623M1_7	Standard	149.200	6.03	21542.494	22811.855	11.804	151.4	1.5	NO		NO	bb
5	5 200623M1_8	Standard	149.200	6.03	23344.924	24671.064	11.828	151.7	1.7	NO		NO	bb
6	6 200623M1_9	Standard	149.200	6.03	21682.805	24183.748	11.207	143.8	-3.6	NO		NO	bb
7	7 200623M1_10	Standard	149.200	6.03	21068.441	23438.766	11.236	144.1	-3.4	NO		NO	bb
8	8 200623M1_11	Standard	149.200	6.03	20837.670	23699.412	10.991	141.0	-5.5	NO		NO	bb
9	9 200623M1_12	Standard	149.200	6.04	21288.623	22507.518	11.823	151.7	1.6	NO		NO	bb
10	10 200623M1_13	Standard	149.200	6.04	20425.453	19393.514	13.165	168.9	13.2	NO		NO	MM

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1833.62
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	6.33	22868.887		22868.887	12.5	-0.2	NO		NO	MMX
2	2 200623M1_5	Standard	12.500	6.32	23342.074		23342.074	12.7	1.8	NO		NO	MMX
3	3 200623M1_6	Standard	12.500	6.32	22075.223		22075.223	12.0	-3.7	NO		NO	MMX
4	4 200623M1_7	Standard	12.500	6.32	22829.055		22829.055	12.5	-0.4	NO		NO	MMX
5	5 200623M1_8	Standard	12.500	6.32	23645.982		23645.982	12.9	3.2	NO		NO	MMX
6	6 200623M1_9	Standard	12.500	6.33	22920.238		22920.238	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	6.33	23391.078		23391.078	12.8	2.1	NO		NO	MMX
8	8 200623M1_11	Standard	12.500	6.33	22293.791		22293.791	12.2	-2.7	NO		NO	MMX
9	9 200623M1_12	Standard	12.500	6.33	21481.703		21481.703	11.7	-6.3	NO		NO	MMX
10	10 200623M1_13	Standard	12.500	6.33	20582.029		20582.029	11.2	-10.2	NO		NO	MMX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 0.973695
RRF SD: 0.0419383, Relative SD: 4.30713
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	6.33	22872.650	22925.764	12.471	12.8	2.5	NO		NO	MM
2	2 200623M1_5	Standard	12.500	6.32	23355.797	24051.074	12.139	12.5	-0.3	NO		NO	MM
3	3 200623M1_6	Standard	12.500	6.32	21936.293	24170.172	11.345	11.7	-6.8	NO		NO	MM
4	4 200623M1_7	Standard	12.500	6.32	22814.547	22811.855	12.501	12.8	2.7	NO		NO	MM
5	5 200623M1_8	Standard	12.500	6.32	23507.031	24671.064	11.910	12.2	-2.1	NO		NO	MM
6	6 200623M1_9	Standard	12.500	6.33	22909.975	24183.748	11.842	12.2	-2.7	NO		NO	MM
7	7 200623M1_10	Standard	12.500	6.33	23340.771	23438.766	12.448	12.8	2.3	NO		NO	MM
8	8 200623M1_11	Standard	12.500	6.33	22497.297	23699.412	11.866	12.2	-2.5	NO		NO	MM
9	9 200623M1_12	Standard	12.500	6.33	21481.703	22507.518	11.930	12.3	-2.0	NO		NO	MM
10	10 200623M1_13	Standard	12.500	6.33	20572.861	19393.514	13.260	13.6	8.9	NO		NO	MM

Compound name: d7-N-MeFOSE-EIS
Response Factor: 57.46
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	6.23	8444.418		8444.418	147.0	-1.5	NO		NO	MMX
2	2 200623M1_5	Standard	149.200	6.23	9285.945		9285.945	161.6	8.3	NO		NO	MMX
3	3 200623M1_6	Standard	149.200	6.23	8896.408		8896.408	154.8	3.8	NO		NO	MMX
4	4 200623M1_7	Standard	149.200	6.23	8547.650		8547.650	148.8	-0.3	NO		NO	MMX
5	5 200623M1_8	Standard	149.200	6.23	9457.287		9457.287	164.6	10.3	NO		NO	MMX
6	6 200623M1_9	Standard	149.200	6.23	8573.029		8573.029	149.2	0.0	NO		NO	MM
7	7 200623M1_10	Standard	149.200	6.23	8459.783		8459.783	147.2	-1.3	NO		NO	MMX
8	8 200623M1_11	Standard	149.200	6.23	8858.696		8858.696	154.2	3.3	NO		NO	MMX
9	9 200623M1_12	Standard	149.200	6.23	9244.649		9244.649	160.9	7.8	NO		NO	MMX
10	10 200623M1_13	Standard	149.200	6.23	9482.919		9482.919	165.0	10.6	NO		NO	MMX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.0323942
RRF SD: 0.00325651, Relative SD: 10.0527
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	6.23	8449.401	22925.764	4.607	142.2	-4.7	NO		NO	MM
2	2 200623M1_5	Standard	149.200	6.23	9289.650	24051.074	4.828	149.0	-0.1	NO		NO	MM
3	3 200623M1_6	Standard	149.200	6.23	8911.178	24170.172	4.609	142.3	-4.6	NO		NO	MM
4	4 200623M1_7	Standard	149.200	6.23	8541.496	22811.855	4.680	144.5	-3.2	NO		NO	MM
5	5 200623M1_8	Standard	149.200	6.23	9457.184	24671.064	4.792	147.9	-0.9	NO		NO	MM
6	6 200623M1_9	Standard	149.200	6.23	8570.911	24183.748	4.430	136.8	-8.3	NO		NO	MM
7	7 200623M1_10	Standard	149.200	6.23	8454.396	23438.766	4.509	139.2	-6.7	NO		NO	MM
8	8 200623M1_11	Standard	149.200	6.23	8848.924	23699.412	4.667	144.1	-3.4	NO		NO	MM
9	9 200623M1_12	Standard	149.200	6.23	9182.890	22507.518	5.100	157.4	5.5	NO		NO	MM
10	10 200623M1_13	Standard	149.200	6.23	9480.307	19393.514	6.110	188.6	26.4	NO		NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 67.3694
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	6.38	9414.912		9414.912	139.8	-6.3	NO		NO	MMX
2	2 200623M1_5	Standard	149.200	6.38	10262.174		10262.174	152.3	2.1	NO		NO	bbX
3	3 200623M1_6	Standard	149.200	6.38	10297.063		10297.063	152.8	2.4	NO		NO	MMX
4	4 200623M1_7	Standard	149.200	6.38	9531.901		9531.901	141.5	-5.2	NO		NO	MMX
5	5 200623M1_8	Standard	149.200	6.38	11248.623		11248.623	167.0	11.9	NO		NO	MMX
6	6 200623M1_9	Standard	149.200	6.38	10051.521		10051.521	149.2	0.0	NO		NO	MM
7	7 200623M1_10	Standard	149.200	6.38	9992.965		9992.965	148.3	-0.6	NO		NO	MMX
8	8 200623M1_11	Standard	149.200	6.38	9967.307		9967.307	147.9	-0.8	NO		NO	MMX
9	9 200623M1_12	Standard	149.200	6.38	10552.043		10552.043	156.6	5.0	NO		NO	MMX
10	10 200623M1_13	Standard	149.200	6.38	9656.621		9656.621	143.3	-3.9	NO		NO	MMX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.0364154
RRF SD: 0.00240789, Relative SD: 6.61228
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	149.200	6.38	9428.698	22925.764	5.141	141.2	-5.4	NO		NO	MM
2	2 200623M1_5	Standard	149.200	6.38	9735.393	24051.074	5.060	138.9	-6.9	NO		NO	bb
3	3 200623M1_6	Standard	149.200	6.38	10391.484	24170.172	5.374	147.6	-1.1	NO		NO	MM
4	4 200623M1_7	Standard	149.200	6.38	9532.807	22811.855	5.224	143.4	-3.9	NO		NO	MM
5	5 200623M1_8	Standard	149.200	6.38	11213.300	24671.064	5.681	156.0	4.6	NO		NO	MM
6	6 200623M1_9	Standard	149.200	6.38	10052.727	24183.748	5.196	142.7	-4.4	NO		NO	MM
7	7 200623M1_10	Standard	149.200	6.38	10044.521	23438.766	5.357	147.1	-1.4	NO		NO	MM
8	8 200623M1_11	Standard	149.200	6.38	9974.051	23699.412	5.261	144.5	-3.2	NO		NO	MM
9	9 200623M1_12	Standard	149.200	6.38	10557.004	22507.518	5.863	161.0	7.9	NO		NO	MM
10	10 200623M1_13	Standard	149.200	6.38	9581.204	19393.514	6.176	169.6	13.7	NO		NO	MM

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 5.23364e-017, Relative SD: 5.23364e-015
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	1.24	3895.352	3895.352	12.500	12.5	0.0	NO		NO	bb
2	2 200623M1_5	Standard	12.500	1.23	4342.490	4342.490	12.500	12.5	0.0	NO		NO	MM
3	3 200623M1_6	Standard	12.500	1.24	4231.147	4231.147	12.500	12.5	0.0	NO		NO	bb
4	4 200623M1_7	Standard	12.500	1.24	4314.546	4314.546	12.500	12.5	0.0	NO		NO	MM
5	5 200623M1_8	Standard	12.500	1.24	4300.112	4300.112	12.500	12.5	0.0	NO		NO	bb
6	6 200623M1_9	Standard	12.500	1.24	4194.300	4194.300	12.500	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	1.24	4308.526	4308.526	12.500	12.5	0.0	NO		NO	MM
8	8 200623M1_11	Standard	12.500	1.24	4097.003	4097.003	12.500	12.5	0.0	NO		NO	MM
9	9 200623M1_12	Standard	12.500	1.24	4306.399	4306.399	12.500	12.5	0.0	NO		NO	bb
10	10 200623M1_13	Standard	12.500	1.24	4267.041	4267.041	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	2.97	10925.962	10925.962	12.500	12.5	0.0	NO		NO	bb
2	2 200623M1_5	Standard	12.500	2.97	12136.397	12136.397	12.500	12.5	0.0	NO		NO	MM
3	3 200623M1_6	Standard	12.500	2.97	12421.449	12421.449	12.500	12.5	0.0	NO		NO	MM
4	4 200623M1_7	Standard	12.500	2.97	11904.876	11904.876	12.500	12.5	0.0	NO		NO	bb
5	5 200623M1_8	Standard	12.500	2.97	13310.565	13310.565	12.500	12.5	0.0	NO		NO	MM
6	6 200623M1_9	Standard	12.500	2.97	12516.519	12516.519	12.500	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	2.97	11713.998	11713.998	12.500	12.5	0.0	NO		NO	bb
8	8 200623M1_11	Standard	12.500	2.97	11855.372	11855.372	12.500	12.5	0.0	NO		NO	MM
9	9 200623M1_12	Standard	12.500	2.97	12397.229	12397.229	12.500	12.5	0.0	NO		NO	MM
10	10 200623M1_13	Standard	12.500	2.97	10440.831	10440.831	12.500	12.5	0.0	NO		NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 8.27511e-017, Relative SD: 8.27511e-015
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	3.73	1676.018	1676.018	12.500	12.5	0.0	NO		NO	bb
2	2 200623M1_5	Standard	12.500	3.73	2110.300	2110.300	12.500	12.5	0.0	NO		NO	bb
3	3 200623M1_6	Standard	12.500	3.73	1989.783	1989.783	12.500	12.5	0.0	NO		NO	MM
4	4 200623M1_7	Standard	12.500	3.73	2017.429	2017.429	12.500	12.5	0.0	NO		NO	MM
5	5 200623M1_8	Standard	12.500	3.73	2106.596	2106.596	12.500	12.5	0.0	NO		NO	bb
6	6 200623M1_9	Standard	12.500	3.73	2039.471	2039.471	12.500	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	3.73	2004.579	2004.579	12.500	12.5	0.0	NO		NO	bb
8	8 200623M1_11	Standard	12.500	3.73	1940.723	1940.723	12.500	12.5	0.0	NO		NO	MM
9	9 200623M1_12	Standard	12.500	3.73	2017.758	2017.758	12.500	12.5	0.0	NO		NO	bb
10	10 200623M1_13	Standard	12.500	3.73	1759.214	1759.214	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:43:04 Pacific Daylight Time

Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.09	19015.777	19015.777	12.500	12.5	0.0	NO		NO	bb
2	2 200623M1_5	Standard	12.500	4.09	20428.672	20428.672	12.500	12.5	0.0	NO		NO	bb
3	3 200623M1_6	Standard	12.500	4.09	19840.316	19840.316	12.500	12.5	0.0	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.09	20141.215	20141.215	12.500	12.5	0.0	NO		NO	bb
5	5 200623M1_8	Standard	12.500	4.09	22792.543	22792.543	12.500	12.5	0.0	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.09	21324.725	21324.725	12.500	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.09	20115.846	20115.846	12.500	12.5	0.0	NO		NO	MM
8	8 200623M1_11	Standard	12.500	4.09	19732.801	19732.801	12.500	12.5	0.0	NO		NO	MM
9	9 200623M1_12	Standard	12.500	4.10	19192.533	19192.533	12.500	12.5	0.0	NO		NO	bb
10	10 200623M1_13	Standard	12.500	4.10	16748.689	16748.689	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 1.33432e-016, Relative SD: 1.33432e-014
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.53	13330.969	13330.969	12.500	12.5	0.0	NO		NO	MM
2	2 200623M1_5	Standard	12.500	4.53	14120.758	14120.758	12.500	12.5	0.0	NO		NO	MM
3	3 200623M1_6	Standard	12.500	4.53	13723.146	13723.146	12.500	12.5	0.0	NO		NO	MM
4	4 200623M1_7	Standard	12.500	4.53	14208.420	14208.420	12.500	12.5	0.0	NO		NO	bb
5	5 200623M1_8	Standard	12.500	4.53	14458.088	14458.088	12.500	12.5	0.0	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.53	14067.629	14067.629	12.500	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.53	13063.390	13063.390	12.500	12.5	0.0	NO		NO	MM
8	8 200623M1_11	Standard	12.500	4.53	13554.249	13554.249	12.500	12.5	0.0	NO		NO	bb
9	9 200623M1_12	Standard	12.500	4.53	13117.646	13117.646	12.500	12.5	0.0	NO		NO	MM
10	10 200623M1_13	Standard	12.500	4.53	11290.953	11290.953	12.500	12.5	0.0	NO		NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:43:04 Pacific Daylight Time

Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.61	4067.635	4067.635	12.500	12.5	0.0	NO		NO	bb
2	2 200623M1_5	Standard	12.500	4.61	4205.965	4205.965	12.500	12.5	0.0	NO		NO	MM
3	3 200623M1_6	Standard	12.500	4.61	4254.982	4254.982	12.500	12.5	0.0	NO		NO	bb
4	4 200623M1_7	Standard	12.500	4.61	4250.458	4250.458	12.500	12.5	0.0	NO		NO	MM
5	5 200623M1_8	Standard	12.500	4.61	4379.431	4379.431	12.500	12.5	0.0	NO		NO	bb
6	6 200623M1_9	Standard	12.500	4.61	3924.205	3924.205	12.500	12.5	0.0	NO		NO	bb
7	7 200623M1_10	Standard	12.500	4.61	4042.092	4042.092	12.500	12.5	0.0	NO		NO	MM
8	8 200623M1_11	Standard	12.500	4.61	3760.674	3760.674	12.500	12.5	0.0	NO		NO	MM
9	9 200623M1_12	Standard	12.500	4.61	4165.505	4165.505	12.500	12.5	0.0	NO		NO	bb
10	10 200623M1_13	Standard	12.500	4.62	3821.358	3821.358	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623M1_4	Standard	12.500	4.90	17826.119	17826.119	12.500	12.5	0.0	NO		NO	MM
2	2 200623M1_5	Standard	12.500	4.90	19706.707	19706.707	12.500	12.5	0.0	NO		NO	MM
3	3 200623M1_6	Standard	12.500	4.90	17311.391	17311.391	12.500	12.5	0.0	NO		NO	MM
4	4 200623M1_7	Standard	12.500	4.90	18574.701	18574.701	12.500	12.5	0.0	NO		NO	MM
5	5 200623M1_8	Standard	12.500	4.90	18986.645	18986.645	12.500	12.5	0.0	NO		NO	MM
6	6 200623M1_9	Standard	12.500	4.90	17626.885	17626.885	12.500	12.5	0.0	NO		NO	MM
7	7 200623M1_10	Standard	12.500	4.90	18590.428	18590.428	12.500	12.5	0.0	NO		NO	MM
8	8 200623M1_11	Standard	12.500	4.90	17156.797	17156.797	12.500	12.5	0.0	NO		NO	MM
9	9 200623M1_12	Standard	12.500	4.90	16693.734	16693.734	12.500	12.5	0.0	NO		NO	MM
10	10 200623M1_13	Standard	12.500	4.91	14922.373	14922.373	12.500	12.5	0.0	NO		NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623M1_4	Standard	12.500	5.23	22925.764	22925.764	12.500	12.5	0.0	NO		NO	MM
2	2	200623M1_5	Standard	12.500	5.23	24051.074	24051.074	12.500	12.5	0.0	NO		NO	MM
3	3	200623M1_6	Standard	12.500	5.23	24170.172	24170.172	12.500	12.5	0.0	NO		NO	MM
4	4	200623M1_7	Standard	12.500	5.23	22811.855	22811.855	12.500	12.5	0.0	NO		NO	MM
5	5	200623M1_8	Standard	12.500	5.23	24671.064	24671.064	12.500	12.5	0.0	NO		NO	MM
6	6	200623M1_9	Standard	12.500	5.23	24183.748	24183.748	12.500	12.5	0.0	NO		NO	MM
7	7	200623M1_10	Standard	12.500	5.23	23438.766	23438.766	12.500	12.5	0.0	NO		NO	MM
8	8	200623M1_11	Standard	12.500	5.23	23699.412	23699.412	12.500	12.5	0.0	NO		NO	MM
9	9	200623M1_12	Standard	12.500	5.23	22507.518	22507.518	12.500	12.5	0.0	NO		NO	MM
10	10	200623M1_13	Standard	12.500	5.23	19393.514	19393.514	12.500	12.5	0.0	NO		NO	MM

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Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:45:21 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9997	NO	
2	2	PFPrS	51	0.9998	NO	
3	3	3:3 FTCA	49	0.9981	NO	
4	4	PFPeA	49	1.0000	NO	
5	5	PFBS	51	0.9997	NO	
6	6	4:2 FTS	55	0.9994	NO	
7	7	PFHxA	57	0.9998	NO	
8	8	PFPeS	51	0.9999	NO	
9	9	HFPO-DA	53	0.9982	NO	
10	10	5:3 FTCA	59	0.9999	NO	
11	11	PFHpA	59	0.9999	NO	
12	12	ADONA	59	0.9996	NO	
13	13	L-PFHxS	61	0.9979	NO	
14	15	6:2 FTS	63	0.9995	NO	
15	16	L-PFOA	69	0.9998	NO	
16	18	PFecHS	69	0.9993	NO	
17	19	PFHpS	71	0.9990	NO	
18	20	7:3 FTCA	65	0.9991	NO	
19	21	PFNA	65	0.9999	NO	
20	22	PFOSA	67	0.9991	NO	
21	23	L-PFOS	71	0.9994	NO	
22	25	9Cl-PF30NS	71	0.9988	NO	
23	26	PFDA	73	0.9999	NO	
24	27	8:2 FTS	75	0.9996	NO	
25	28	PFNS	71	0.9991	NO	
26	29	L-MeFOSAA	77	0.9992	NO	

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:47:32 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	81	0.9995	NO	
2	33	PFUdA	79	0.9992	NO	
3	34	PFDS	71	0.9993	NO	
4	35	11Cl-PF30UdS	83	0.9978	NO	
5	36	10:2 FTS	85	0.9985	NO	
6	37	PFDoA	83	0.9998	NO	
7	38	N-MeFOSA	87	0.9997	NO	
8	39	PFTrDA	83	0.9997	NO	
9	40	PFDoS	89	0.9996	NO	
10	41	PFTeDA	89	0.9995	NO	
11	42	N-EtFOSA	91	1.0000	NO	
12	43	PFHxDA	93	0.9990	NO	
13	44	PFODA	93	0.9991	NO	
14	45	N-MeFOSE	95	0.9998	NO	
15	46	N-EtFOSE	97	0.9997	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	99		NO	3.750
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	100		NO	4.542
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	101		NO	7.546
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	100		NO	9.830
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	101		NO	13.029
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	100		NO	4.415
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	100		NO	5.334
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	101		NO	8.060
32	63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:47:32 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
33	64	13C2-6:2 FTS-RSD	104		NO	10.904
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	103		NO	3.138
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	106		NO	5.806
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	102		NO	3.971
40	71	13C8-PFOS-EIS			NO	0.000
41	72	13C8-PFOS-RSD	104		NO	7.171
42	73	13C2-PFDA-EIS			NO	0.000
43	74	13C2-PFDA-RSD	105		NO	3.593
44	75	13C2-8:2 FTS-EIS			NO	0.000
45	76	13C2-8:2 FTS-RSD	104		NO	11.156
46	77	d3-N-MeFOSAA-EIS			NO	0.000
47	78	d3-N-MeFOSAA-RSD	106		NO	7.666
48	79	13C2-PFUdA-EIS			NO	0.000
49	80	13C2-PFUdA-RSD	106		NO	4.100
50	81	d5-N-EtFOSAA-EIS			NO	0.000
51	82	d5-N-EtFOSAA-RSD	106		NO	3.207
52	83	13C2-PFDoA-EIS			NO	0.000
53	84	13C2-PFDoA-RSD	105		NO	7.911
54	85	13C2-10:2 FTS-EIS			NO	0.000
55	86	13C2-10:2 FTS-RSD	104		NO	12.378
56	87	d3-N-MeFOSA-EIS			NO	0.000
57	88	d3-N-MeFOSA-RSD	106		NO	10.201
58	89	13C2-PFTeDA-EIS			NO	0.000
59	90	13C2-PFTeDA-RSD	106		NO	3.555
60	91	d5-N-ETFOSA-EIS			NO	0.000
61	92	d5-N-ETFOSA-RSD	106		NO	5.277
62	93	13C2-PFHxDA-EIS			NO	0.000
63	94	13C2-PFHxDA-RSD	106		NO	4.307
64	95	d7-N-MeFOSE-EIS			NO	0.000
65	96	d7-N-MeFOSE-RSD	106		NO	10.053
66	97	d9-N-EtFOSE-EIS			NO	0.000
67	98	d9-N-EtFOSE-RSD	106		NO	6.612
68	99	13C4-PFBA	99		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:47:32 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
69	1...	13C5-PFHxA	100		NO	0.000
70	1...	18O2-PFHxS	101		NO	0.000
71	1...	13C8-PFOA	102		NO	0.000
72	1...	13C9-PFNA	103		NO	0.000
73	1...	13C4-PFOS	104		NO	0.000
74	1...	13C6-PFDA	105		NO	0.000
75	1...	13C7-PFUdA	106		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:50:10 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.24	1.24			
2	2	PFPrS	1.54	1.56	2.597	2.597	NO
3	3	3:3 FTCA	2.03	2.03	2.265	2.265	NO
4	4	PFPeA	2.17	2.17			
5	5	PFBS	2.44	2.45	2.741	2.741	NO
6	6	4:2 FTS	2.89	2.89	1.873	1.873	NO
7	7	PFHxA	2.97	2.97	16.964	16.964	NO
8	8	PFPeS	3.18	3.18	1.730	1.730	NO
9	9	HFPO-DA	3.19	3.19	1.884	1.884	NO
10	10	5:3 FTCA	3.53	3.53	1.551	1.551	NO
11	11	PFHpA	3.59	3.59	10.147	10.147	NO
12	12	ADONA	3.68	3.70	3.445	3.445	NO
13	13	L-PFHxS	3.73	3.73	1.669	1.669	NO
14	15	6:2 FTS	4.04	4.04	2.125	2.125	NO
15	16	L-PFOA	4.10	4.10	3.605	3.605	NO
16	18	PFecHS	4.11	4.11	0.941	0.941	NO
17	19	PFHpS	4.23	4.21	1.946	1.946	NO
18	20	7:3 FTCA	4.52	4.52	1.530	1.530	NO
19	21	PFNA	4.53	4.53	3.753	3.753	NO
20	22	PFOSA	4.58	4.58	33.059	33.059	NO
21	23	L-PFOS	4.61	4.61	2.035	2.035	NO
22	25	9Cl-PF30NS	4.82	4.84	17.250	17.250	NO
23	26	PFDA	4.90	4.90	5.403	5.403	NO
24	27	8:2 FTS	4.88	4.88	1.512	1.512	NO
25	28	PFNS	4.97	4.97	1.604	1.604	NO
26	29	L-MeFOSAA	5.05	5.06	2.588	2.588	NO

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:50:49 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.21	5.21	1.366	1.366	NO
2	33	PFUdA	5.23	5.23	7.858	7.858	NO
3	34	PFDS	5.28	5.28	1.409	1.409	NO
4	35	11Cl-PF30UdS	5.45	5.44	29.526	29.526	NO
5	36	10:2 FTS	5.50	5.50	1.500	1.500	NO
6	37	PFDoA	5.51	5.51	8.545	8.545	NO
7	38	N-MeFOSA	5.59	5.57	1.439	1.439	NO
8	39	PFTrDA	5.76	5.76	8.660	8.660	NO
9	40	PFDoS	5.79	5.79	1.813	1.813	NO
10	41	PFTeDA	5.98	5.98	13.818	13.818	NO
11	42	N-EtFOSA	6.01	6.01	1.429	1.429	NO
12	43	PFHxDA	6.33	6.33	18.077	18.077	NO
13	44	PFODA	6.53	6.56			
14	45	N-MeFOSE	6.23	6.24			
15	46	N-EtFOSE	6.38	6.39			

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Dataset: Untitled

Last Altered: Wednesday, June 24, 2020 10:51:28 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:51:44 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: PFBA

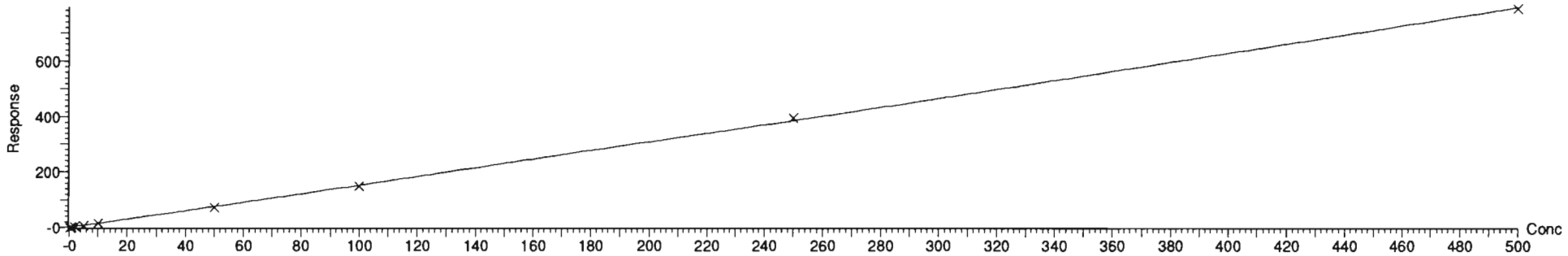
	# Name	ID	Acq.Date	Acq.Time
1	1 200623M1_1	Tester	23-Jun-20	12:03:27
2	2 200623M1_2	IPA	23-Jun-20	12:13:53
3	3 200623M1_3	IPA	23-Jun-20	12:24:18
4	4 200623M1_4	ST200623M1-1 PFC CS-2 20F1901	23-Jun-20	12:34:44
5	5 200623M1_5	ST200623M1-2 PFC CS-1 20F1902	23-Jun-20	12:45:06
6	6 200623M1_6	ST200623M1-3 PFC CS0 20F1903	23-Jun-20	12:55:28
7	7 200623M1_7	ST200623M1-4 PFC CS1 20F1904	23-Jun-20	13:05:51
8	8 200623M1_8	ST200623M1-5 PFC CS2 20F1905	23-Jun-20	13:16:13
9	9 200623M1_9	ST200623M1-6 PFC CS3 20F1906	23-Jun-20	13:26:35
10	10 200623M1_10	ST200623M1-7 PFC CS4 20F1907	23-Jun-20	13:36:57
11	11 200623M1_11	ST200623M1-8 PFC CS5 20F1908	23-Jun-20	13:47:22
12	12 200623M1_12	ST200623M1-9 PFC CS6 20F1909	23-Jun-20	13:57:46
13	13 200623M1_13	ST200623M1-10 PFC CS7 20F1910	23-Jun-20	14:08:11
14	14 200623M1_14	IB	23-Jun-20	14:18:36
15	15 200623M1_15	ICV200623M1-1 PFC ICV 20F1911	23-Jun-20	14:28:58
16	16 200623M1_16	IB	23-Jun-20	14:39:20

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

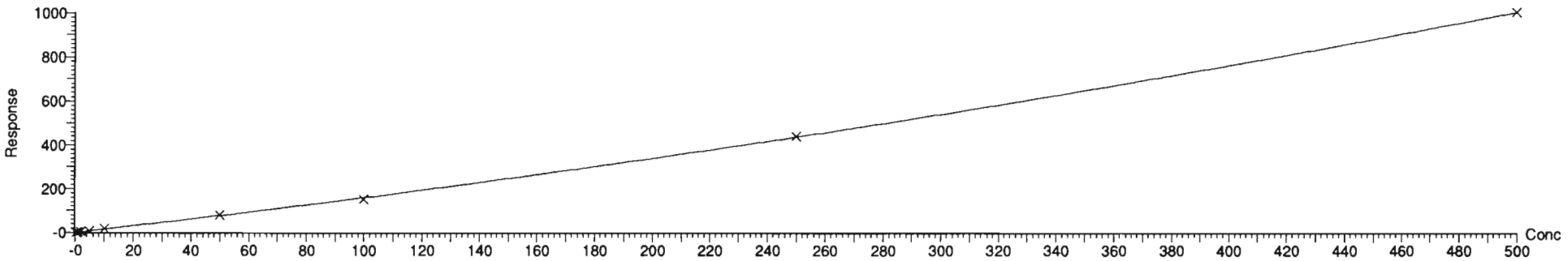
Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999664
Calibration curve: 0.000141908 * x^2 + 1.51437 * x + -0.0135587
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



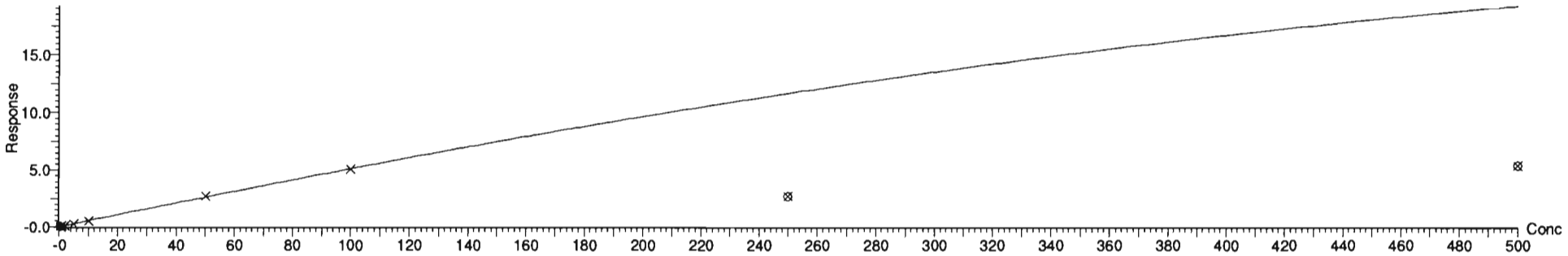
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999786
Calibration curve: 0.00104784 * x^2 + 1.48438 * x + 0.0200985
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



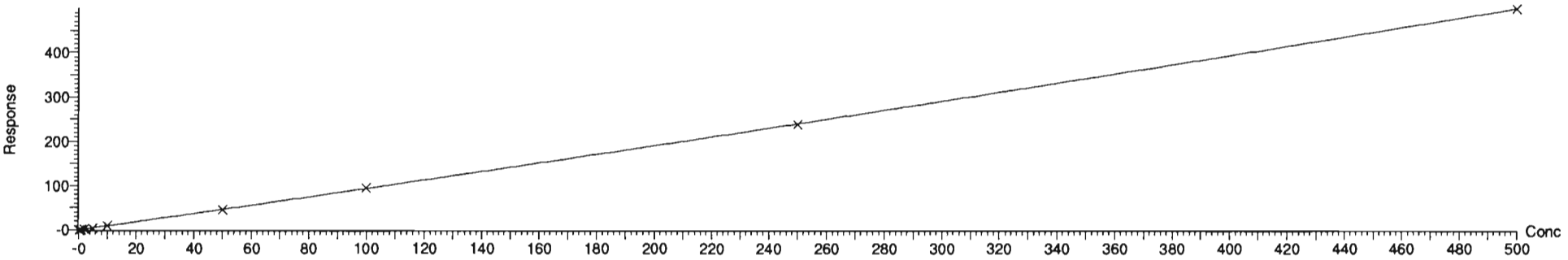
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998068
Calibration curve: -3.28985e-005 * x^2 + 0.054978 * x + -0.0185185
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



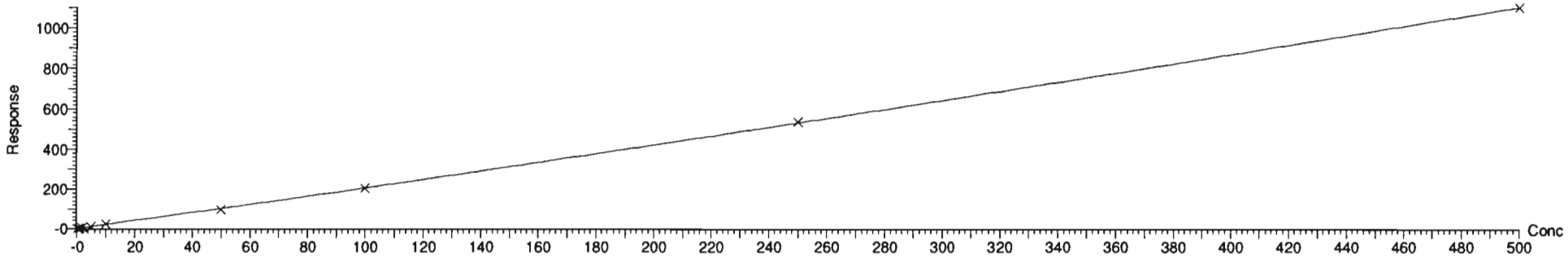
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999963
Calibration curve: 0.000149709 * x^2 + 0.923752 * x + 0.0453808
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



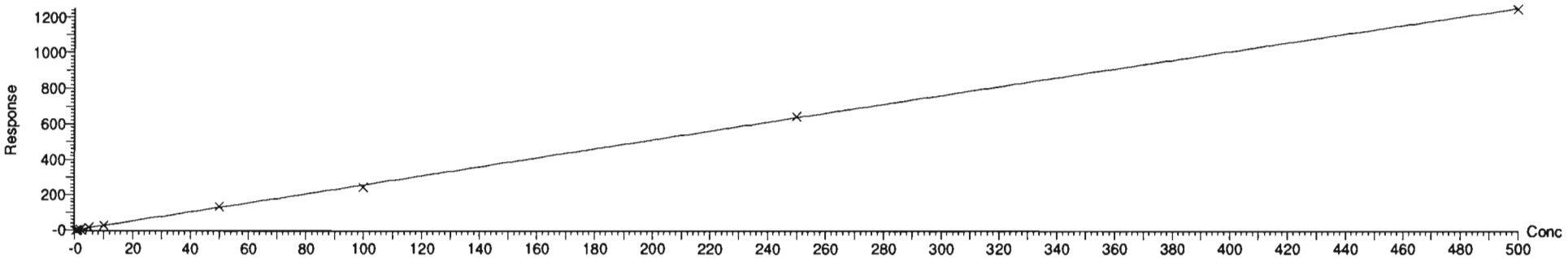
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999682
Calibration curve: 0.000327167 * x^2 + 2.04289 * x + -0.0566189
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



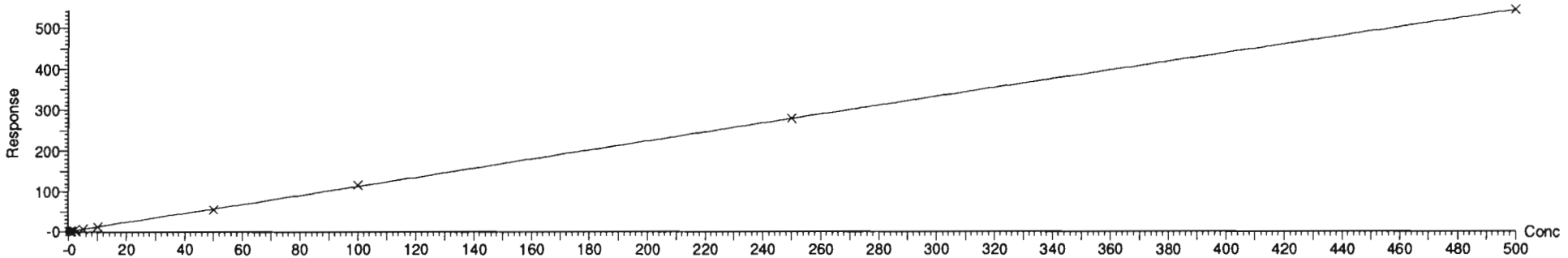
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999440
Calibration curve: -0.000169634 * x^2 + 2.58535 * x + -0.0393252
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



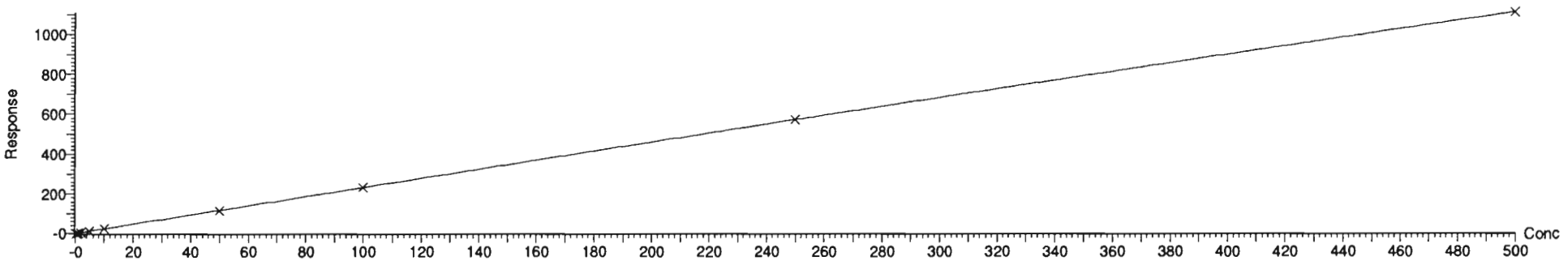
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999789
Calibration curve: -0.000110942 * x^2 + 1.14055 * x + -0.0686764
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



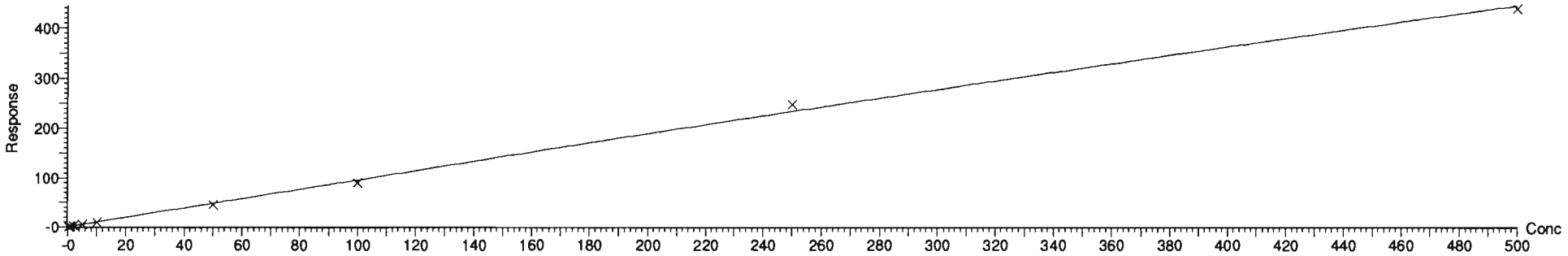
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999885
Calibration curve: -0.000241171 * x^2 + 2.33923 * x + -0.0149839
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



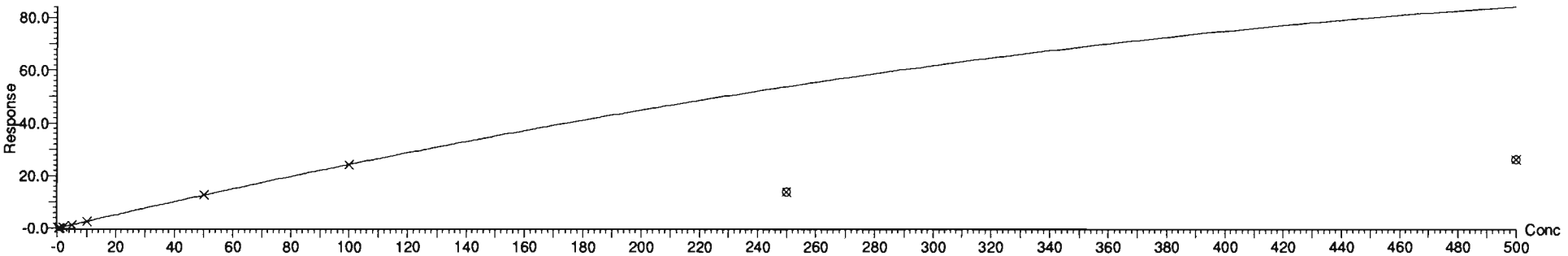
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998174
Calibration curve: -0.000180706 * x^2 + 0.979554 * x + -0.0762229
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



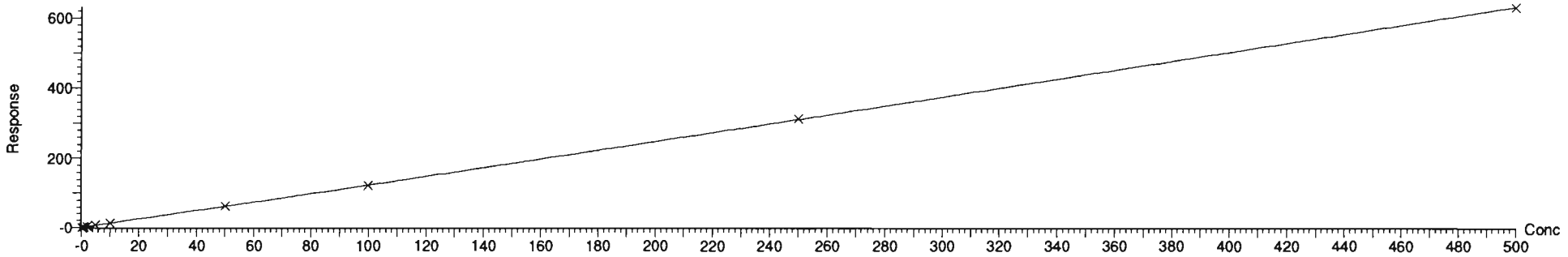
Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999922
Calibration curve: -0.000189084 * x^2 + 0.262801 * x + -0.00246156
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



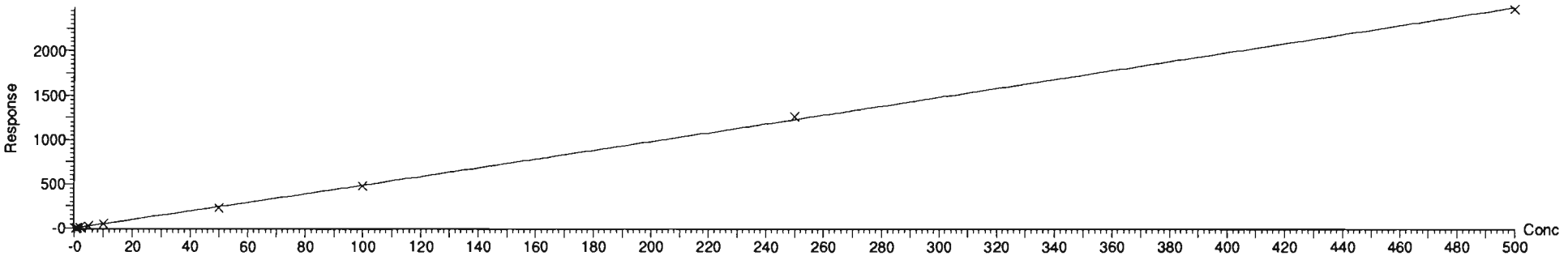
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999942
Calibration curve: 6.56813e-005 * x^2 + 1.23057 * x + 0.00554826
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



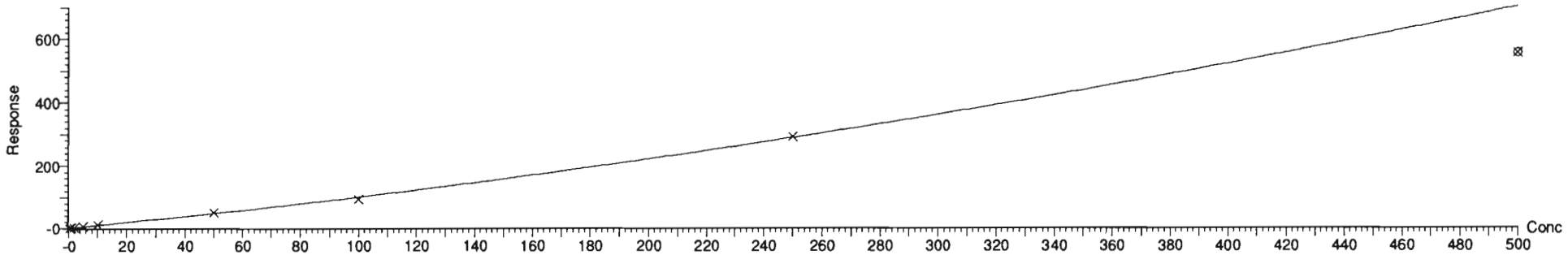
Compound name: ADONA
Coefficient of Determination: R^2 = 0.999556
Calibration curve: 0.00026296 * x^2 + 4.8464 * x + 0.0561472
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



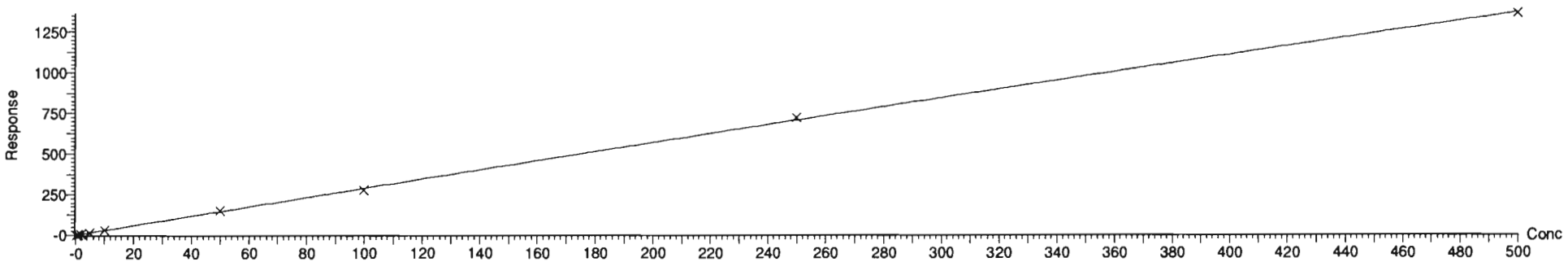
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.997938
Calibration curve: 0.000987339 * x^2 + 0.907821 * x + 0.115509
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



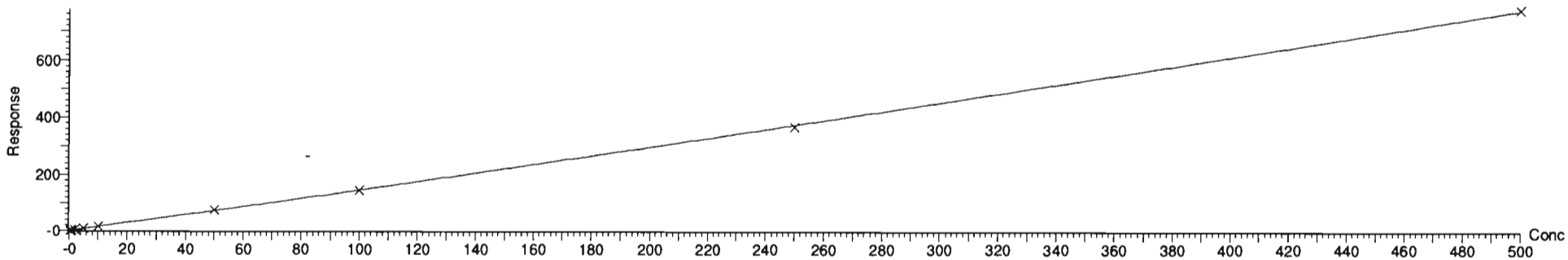
Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999529
Calibration curve: -0.00035441 * x^2 + 2.90796 * x + 0.0218856
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



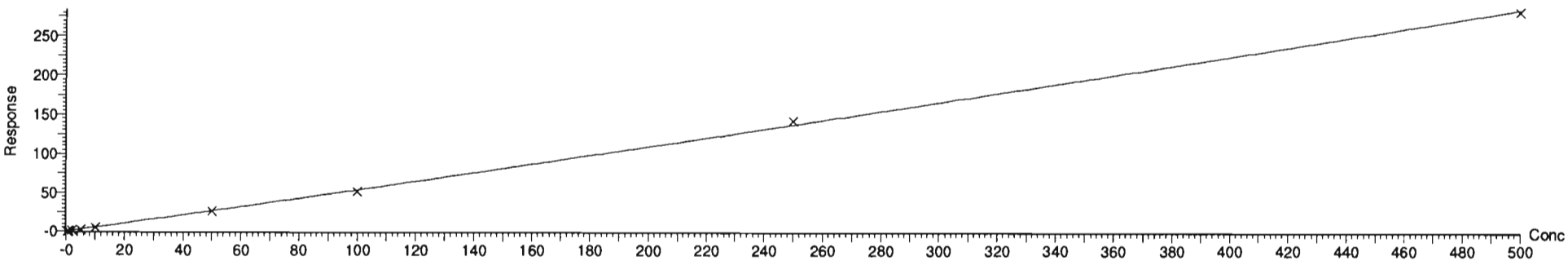
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999824
Calibration curve: 0.00021031 * x^2 + 1.44398 * x + 0.134756
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



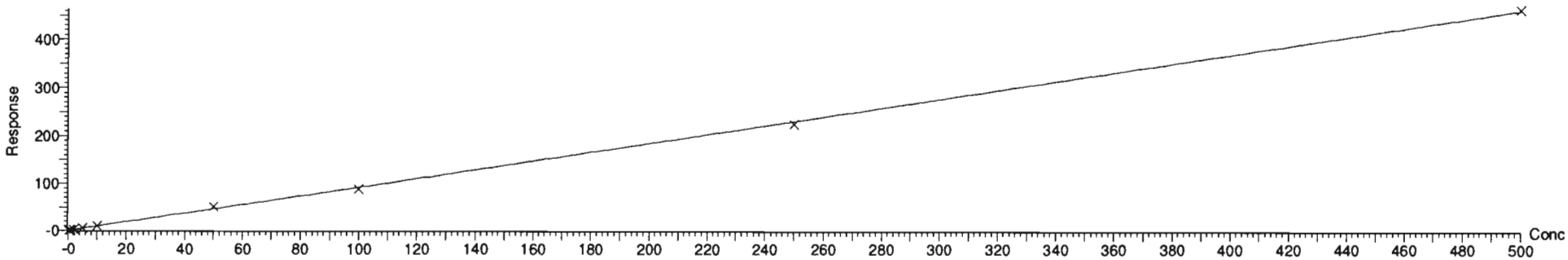
Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999348
Calibration curve: 7.82065e-005 * x^2 + 0.529591 * x + -0.0238245
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



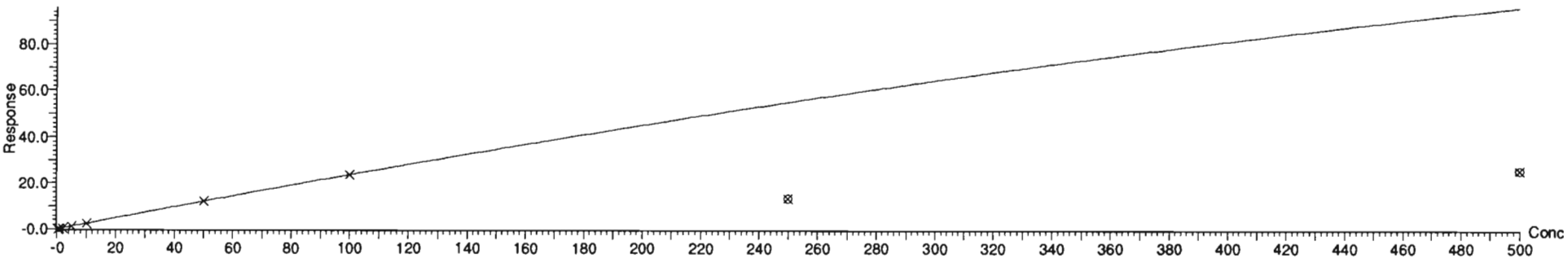
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999010
Calibration curve: -5.68627e-006 * x^2 + 0.924765 * x + 0.0613654
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



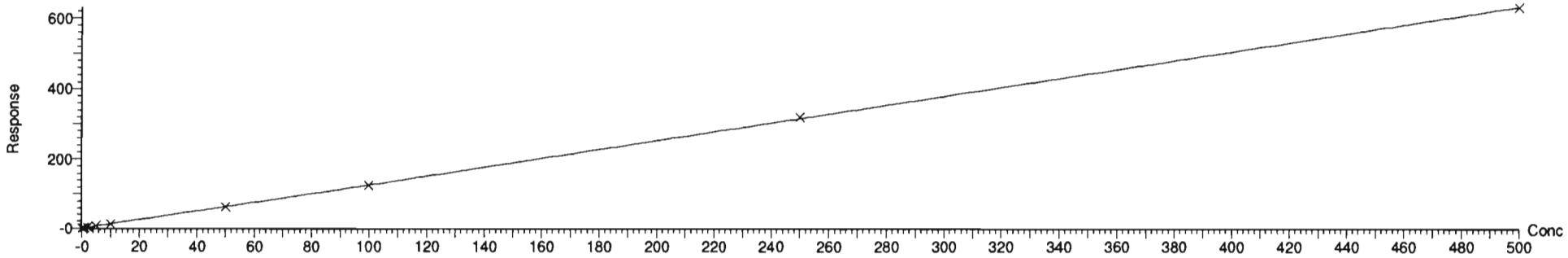
Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999131
Calibration curve: -0.000114494 * x^2 + 0.248754 * x + 0.0109413
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



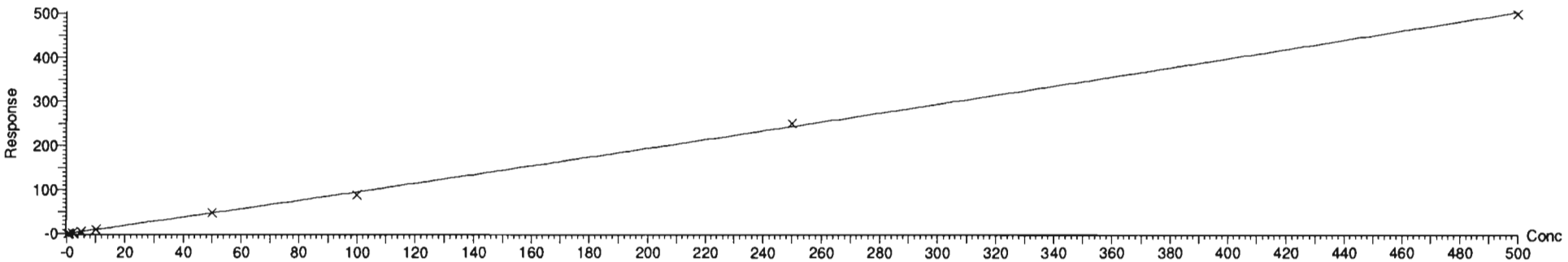
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: PFNA
Coefficient of Determination: R^2 = 0.999890
Calibration curve: 6.3154e-006 * x^2 + 1.26073 * x + -0.0586247
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



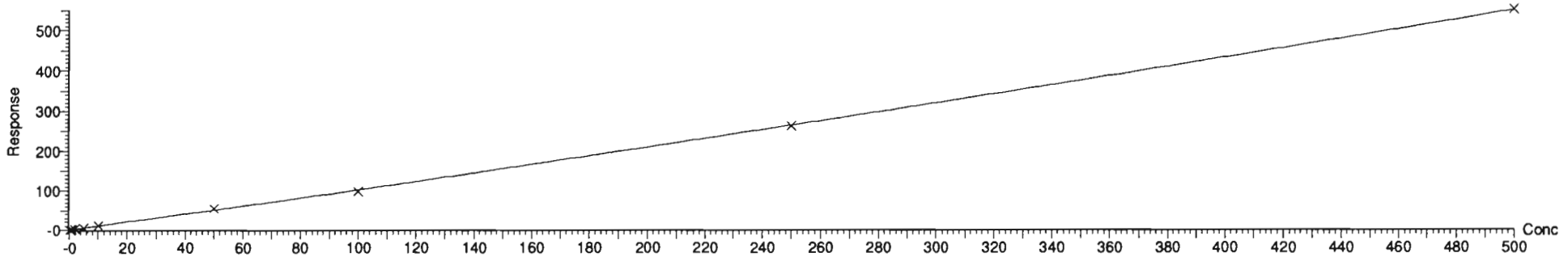
Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999124
Calibration curve: 0.000113595 * x^2 + 0.948867 * x + 0.00682723
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



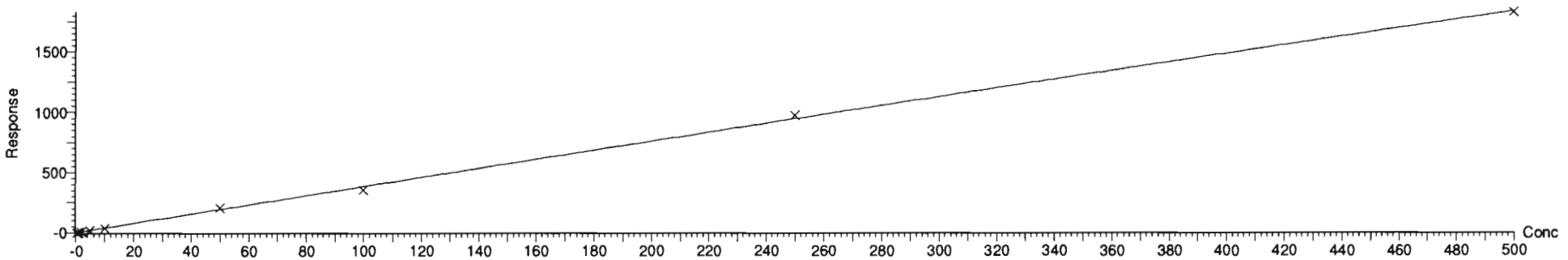
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999412
Calibration curve: 0.000189586 * x^2 + 1.00562 * x + 0.0554538
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



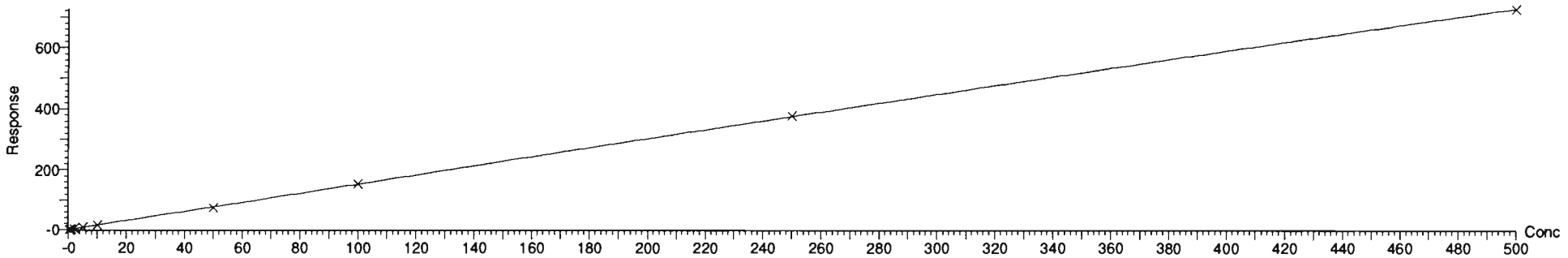
Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.998816
Calibration curve: -0.000419597 * x^2 + 3.8708 * x + -0.0293118
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



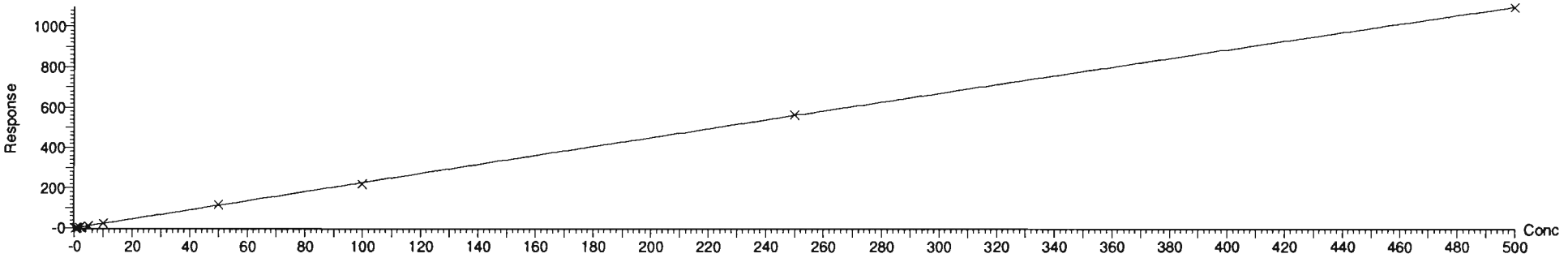
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: R^2 = 0.999882
Calibration curve: -0.000195574 * x^2 + 1.55368 * x + -0.0299181
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



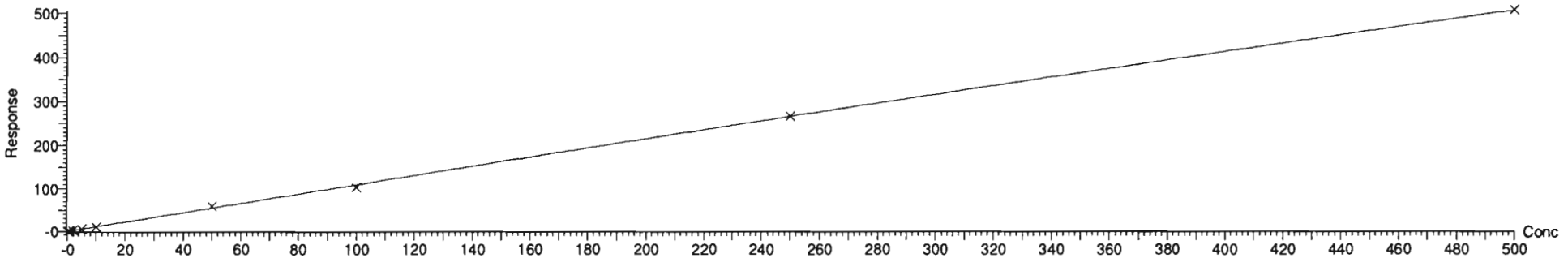
Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999585
Calibration curve: -0.000190063 * x^2 + 2.28949 * x + 0.0711606
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



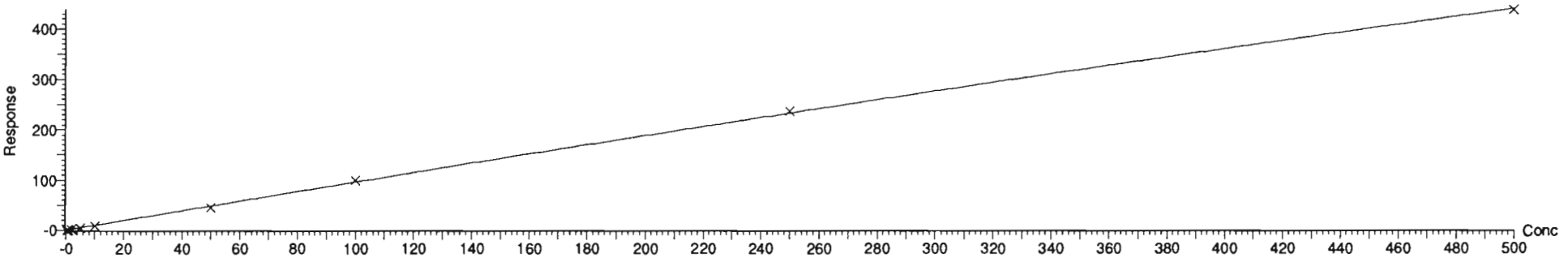
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:48:18 Pacific Daylight Time

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999052
Calibration curve: -0.000190421 * x^2 + 1.108 * x + -0.0240272
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999172
Calibration curve: -0.000210175 * x^2 + 0.983282 * x + -0.0648349
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

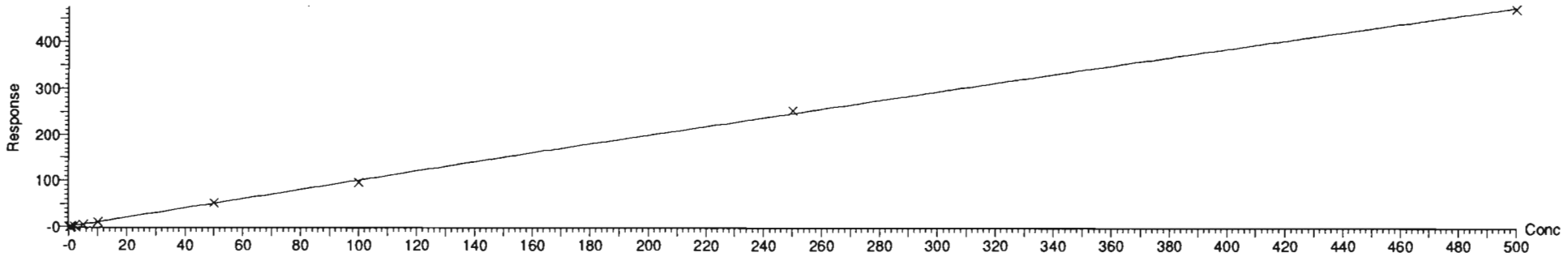


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

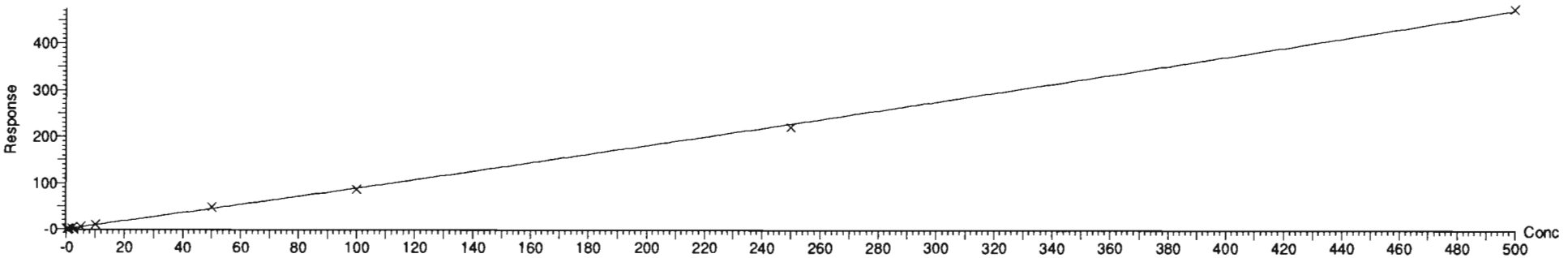
Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999547
Calibration curve: -0.0001547 * x^2 + 1.02612 * x + -0.108111
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



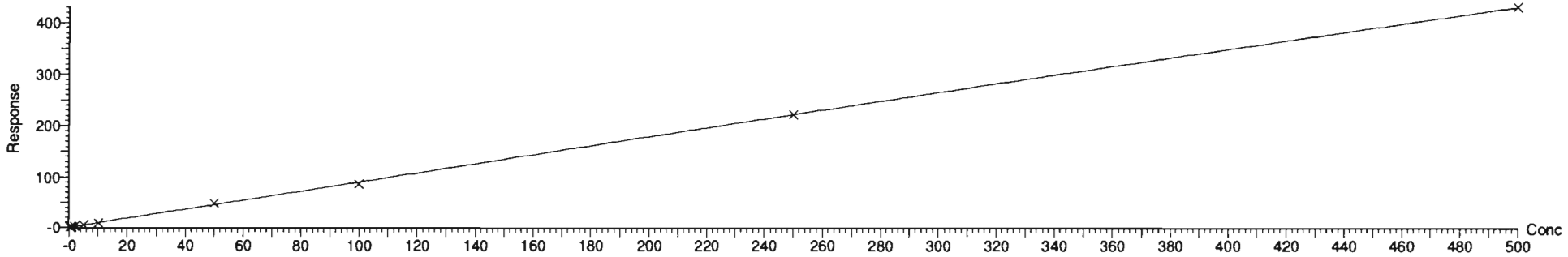
Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999183
Calibration curve: 0.000126748 * x^2 + 0.878645 * x + 0.0668402
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



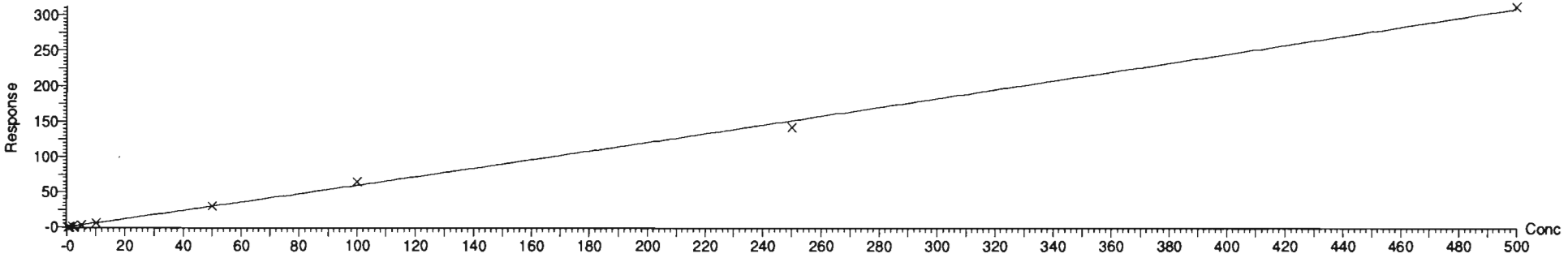
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999320
Calibration curve: -0.000109767 * x^2 + 0.91666 * x + -0.0444688
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



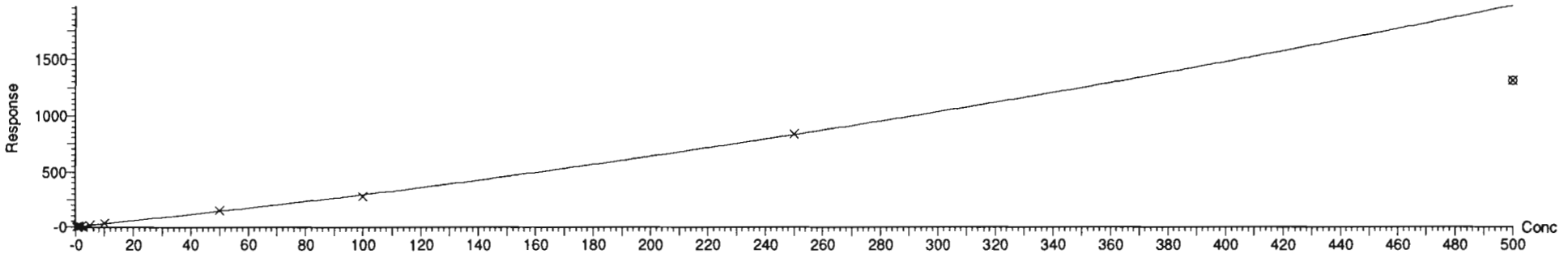
Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.997805
Calibration curve: 5.41265e-005 * x^2 + 0.590347 * x + -0.0508803
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



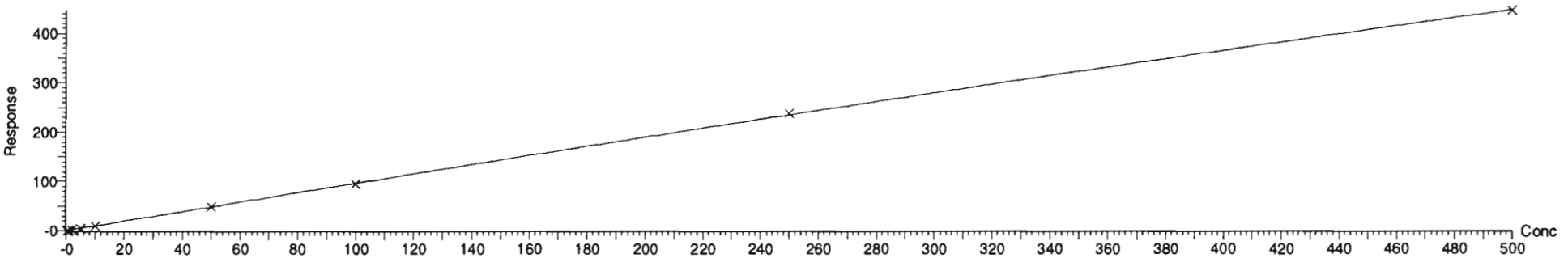
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.998475
Calibration curve: 0.0025394 * x^2 + 2.67158 * x + 0.268706
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



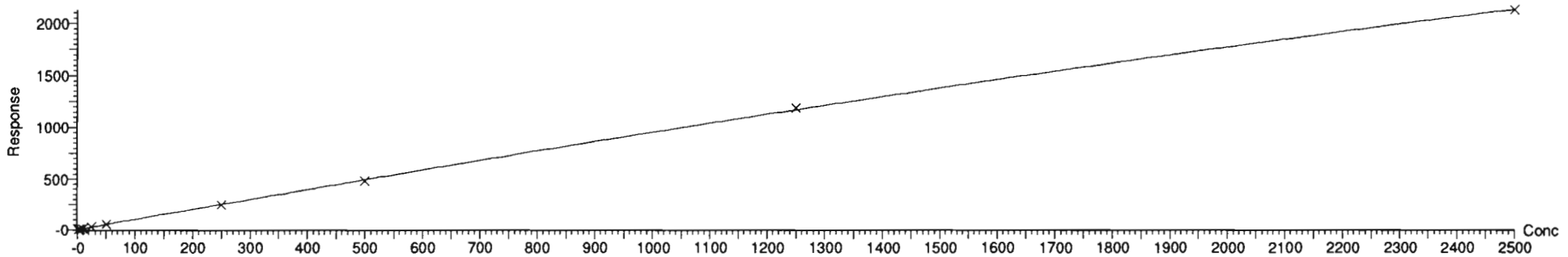
Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999849
Calibration curve: -0.000181265 * x^2 + 0.983758 * x + 0.00112072
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



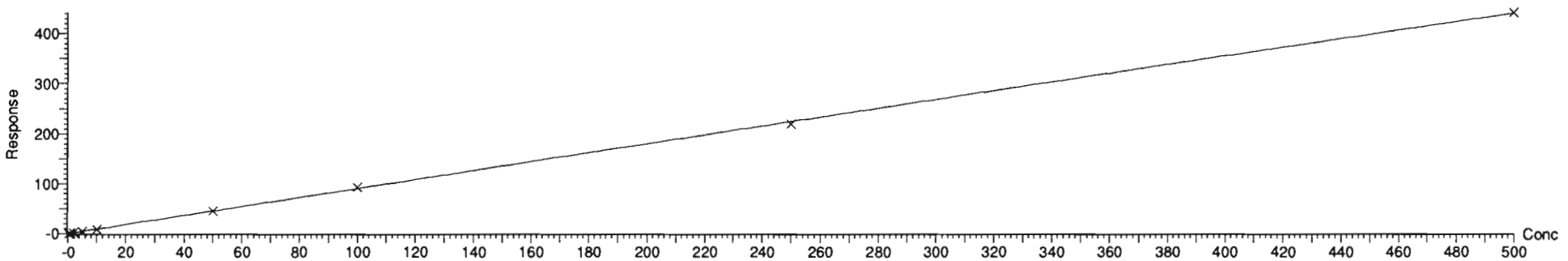
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999721
Calibration curve: -6.55202e-005 * x^2 + 1.01682 * x + 0.445329
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



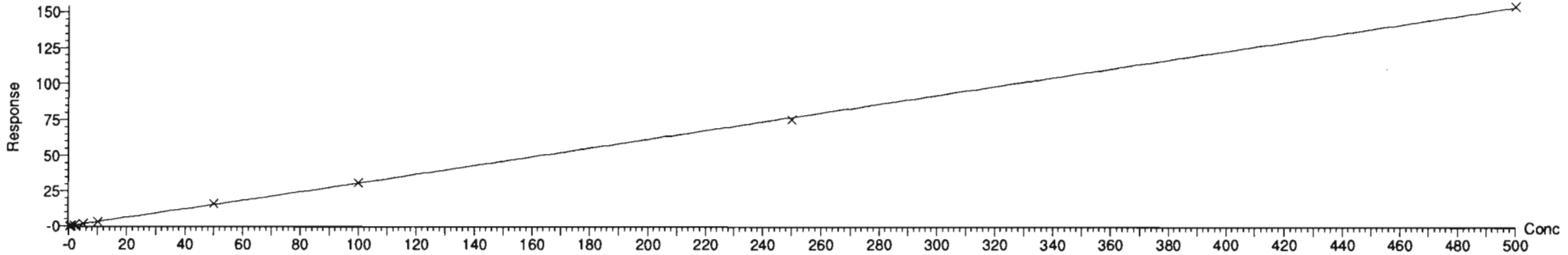
Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999721
Calibration curve: -6.41195e-005 * x^2 + 0.912772 * x + 0.0109409
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



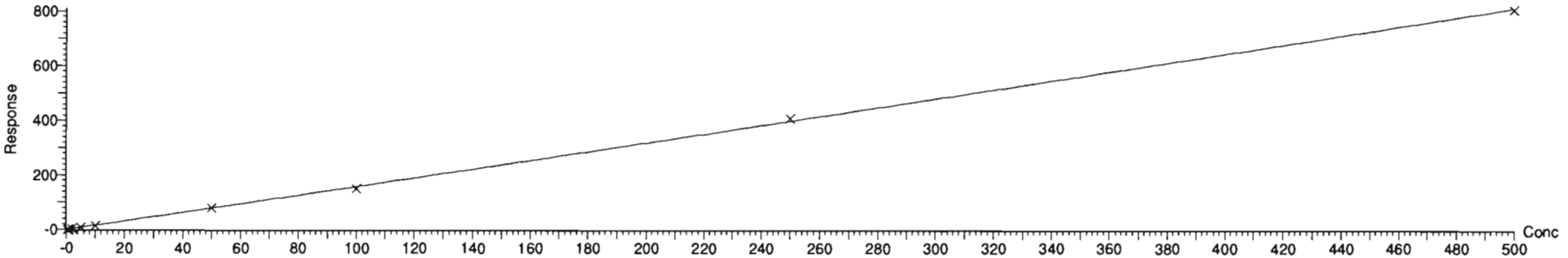
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999644
Calibration curve: 4.84655e-007 * x^2 + 0.307185 * x + -0.00230761
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



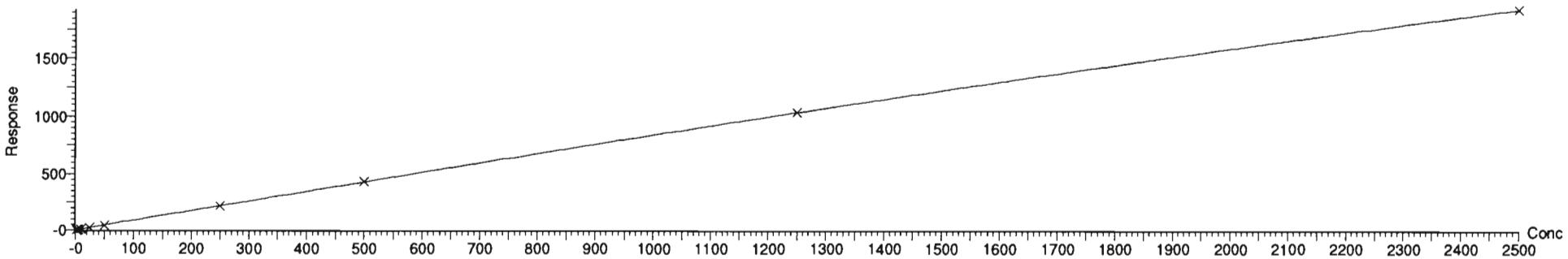
Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.999462
Calibration curve: 9.72702e-005 * x^2 + 1.57045 * x + 0.0287991
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



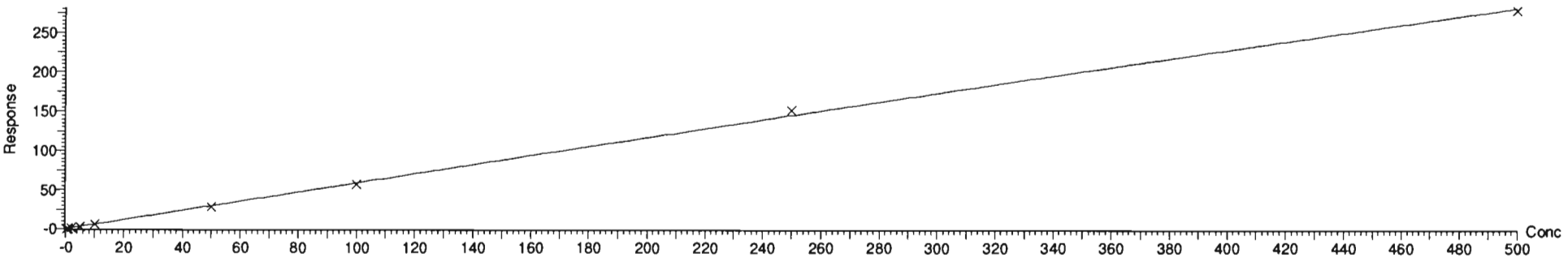
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999969
Calibration curve: -4.52657e-005 * x^2 + 0.883993 * x + -0.0250784
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



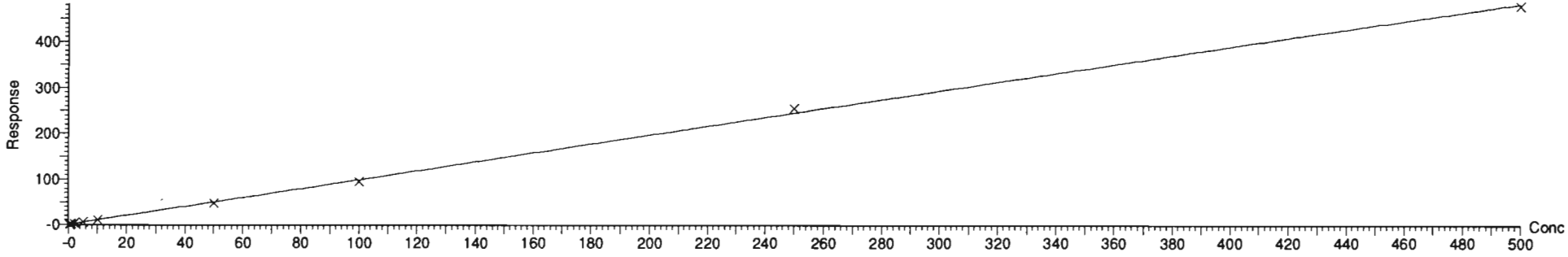
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999033
Calibration curve: -7.15557e-005 * x^2 + 0.598372 * x + 0.0701412
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



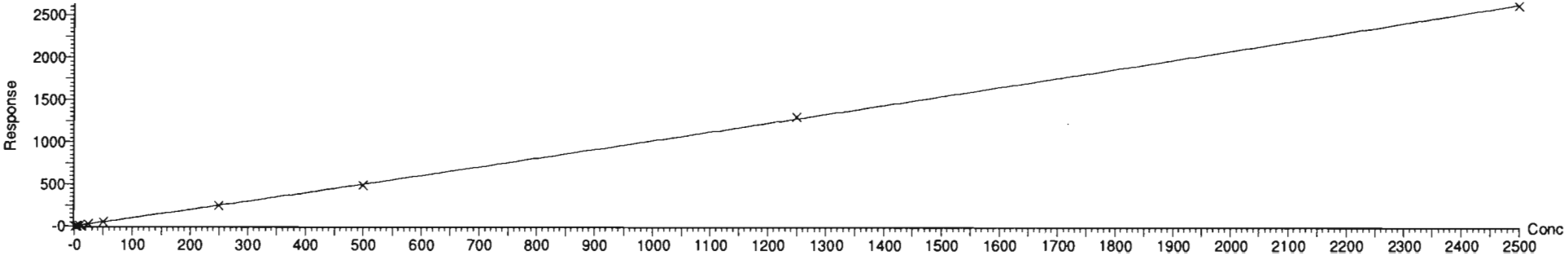
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999136
Calibration curve: -5.97103e-005 * x^2 + 0.994673 * x + 0.00428214
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



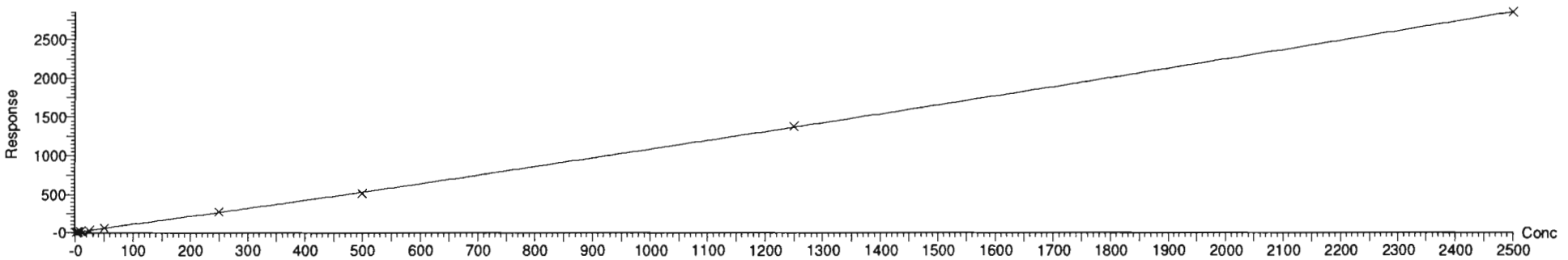
Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.999758
Calibration curve: 2.30812e-005 * x^2 + 0.99432 * x + 0.128842
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:39:25 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:49:04 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999712
Calibration curve: 3.88549e-005 * x^2 + 1.04352 * x + 0.203487
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



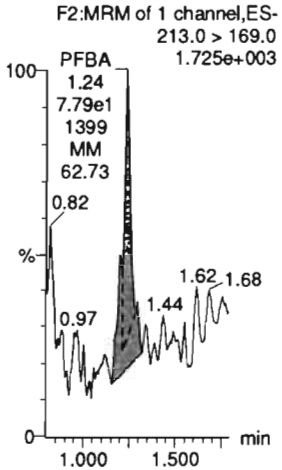
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

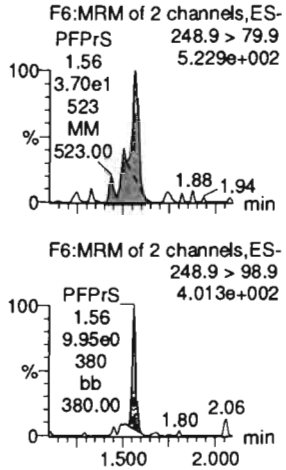
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: 24 Jun 2020 09:09:52

Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

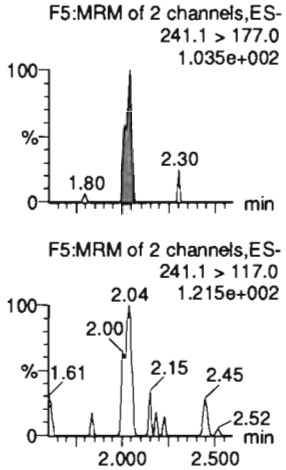
PFBA



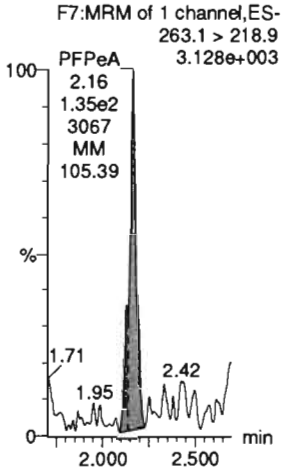
PFPrS



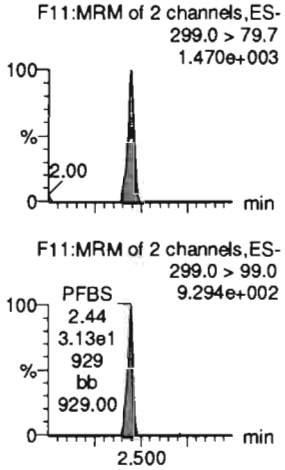
3:3 FTCA



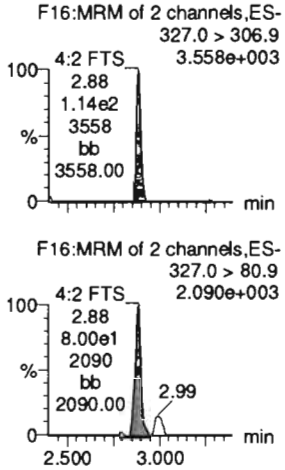
PFPeA



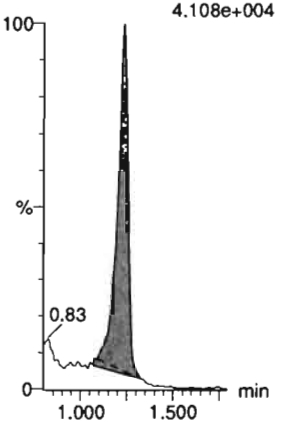
PFBS



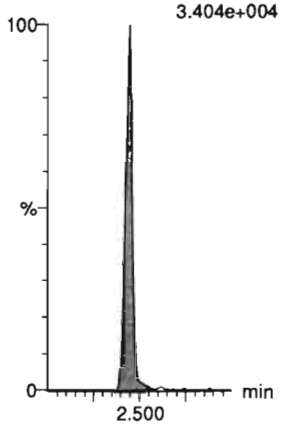
4:2 FTS



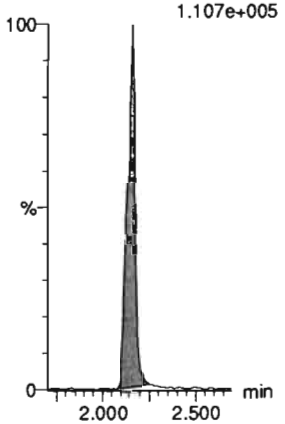
13C3-PFBA-EIS



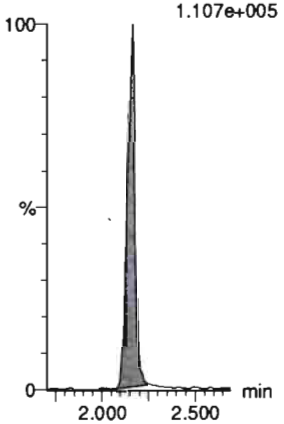
13C3-PFBS-EIS



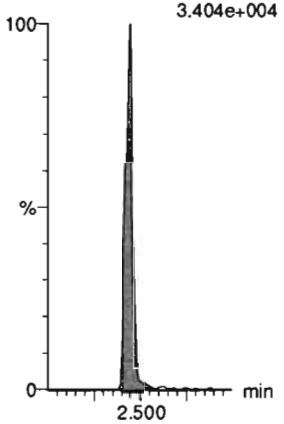
13C3-PFPeA-EIS



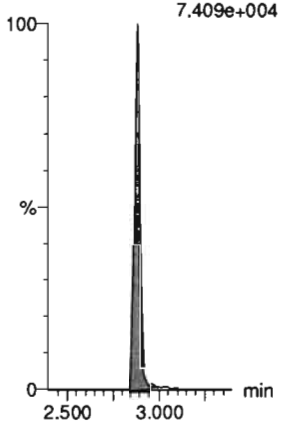
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

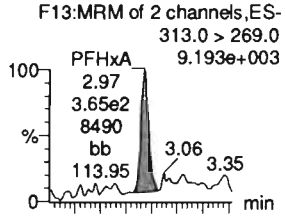


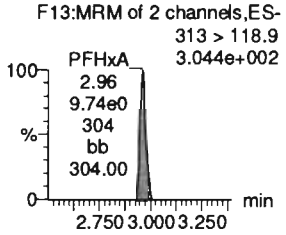
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

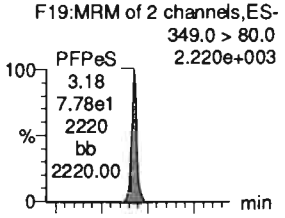
Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

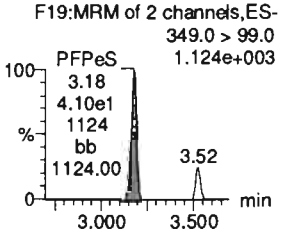
PFHxA



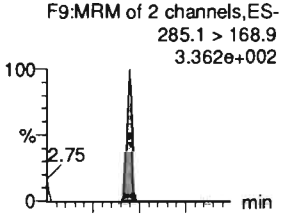


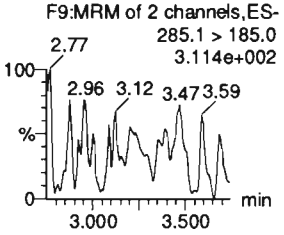
PFPeS



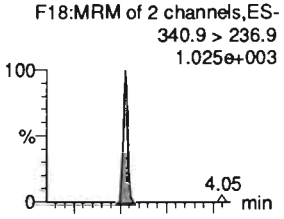


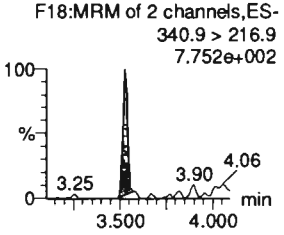
HFPO-DA



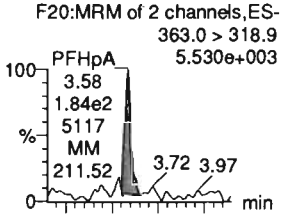


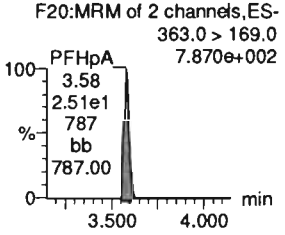
5:3 FTCA



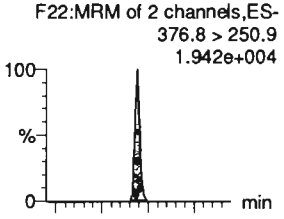


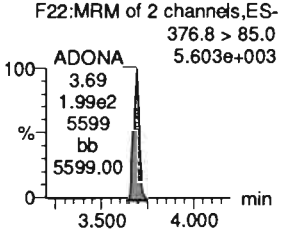
PFHpA



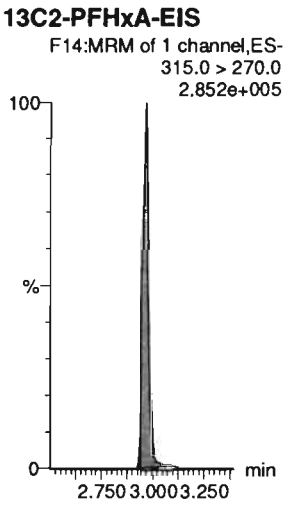


ADONA

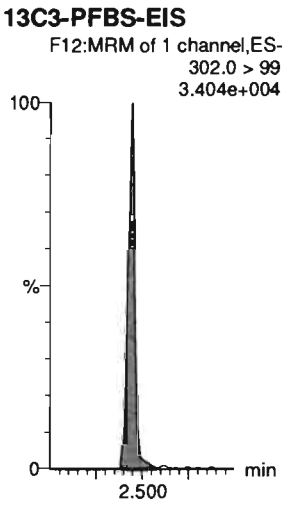




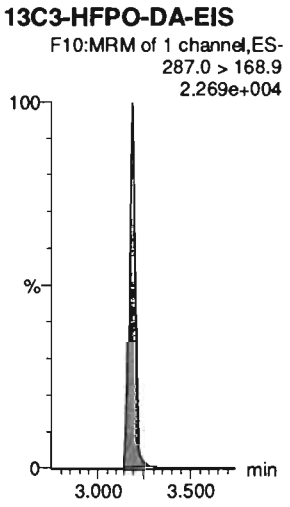
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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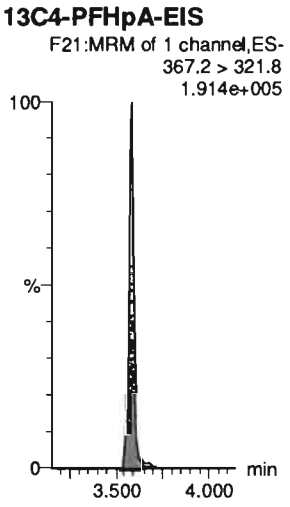

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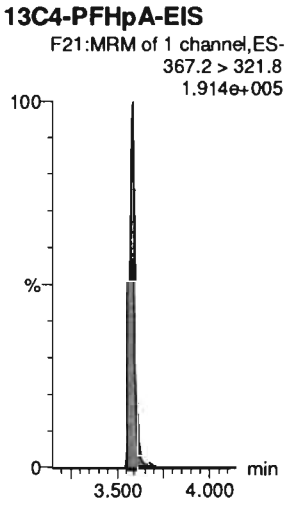

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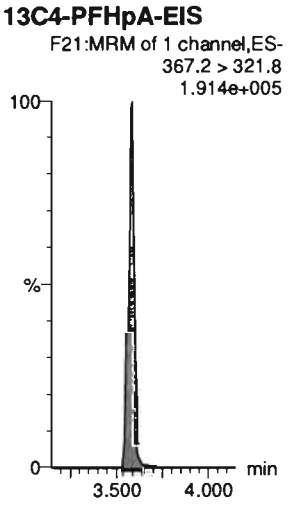

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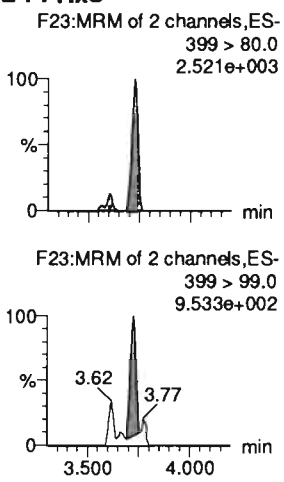
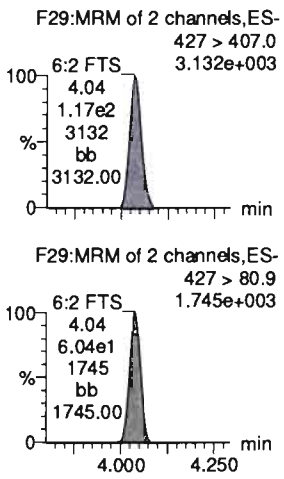
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

L-PFHxS



6:2 FTS



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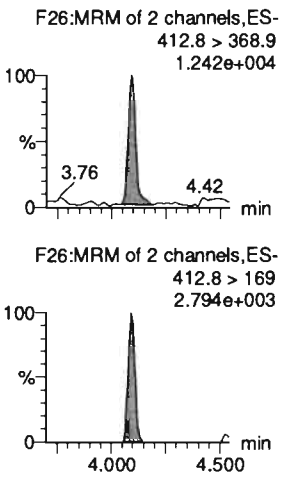

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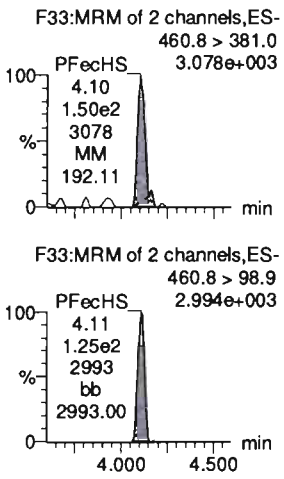

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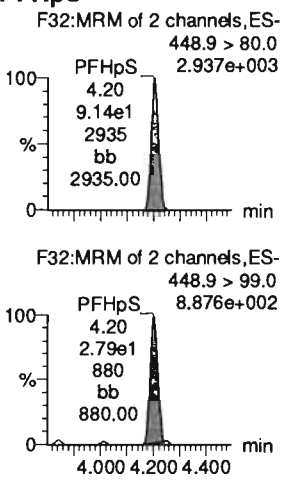
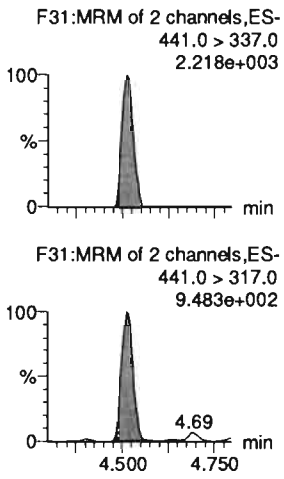


7:3 FTCA



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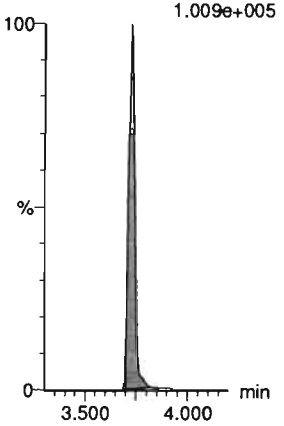
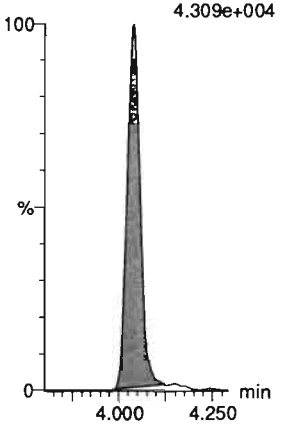


13C2-6:2 FTS-EIS



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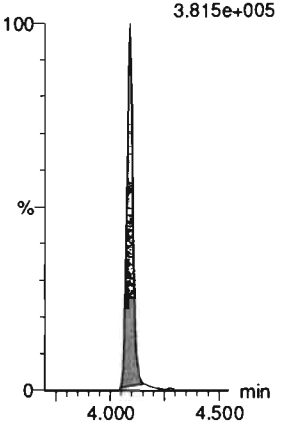

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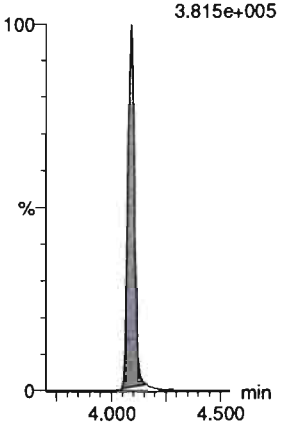
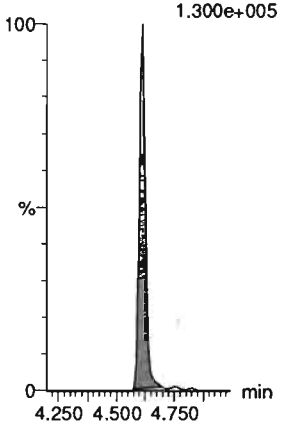
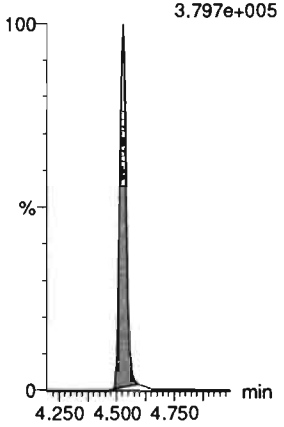


13C8-PFOS-EIS



13C5-PFNA-EIS



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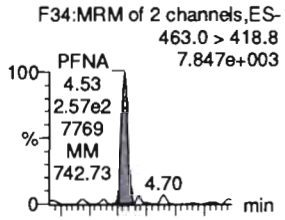
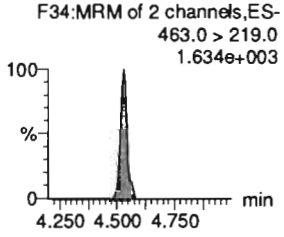
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFNA





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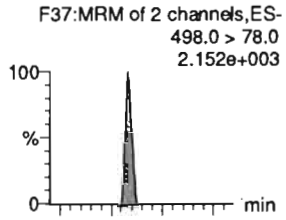
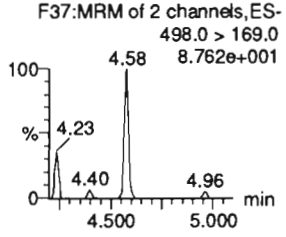
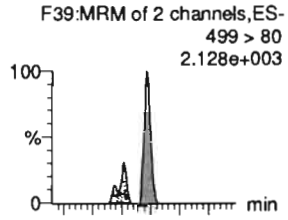
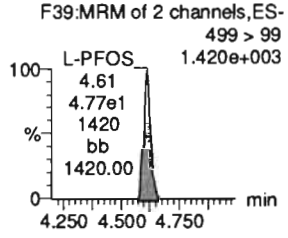


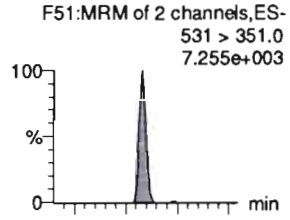


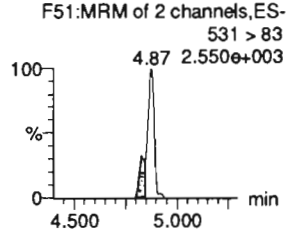
L-PFOS





9Cl-PF30NS





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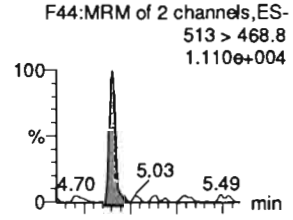
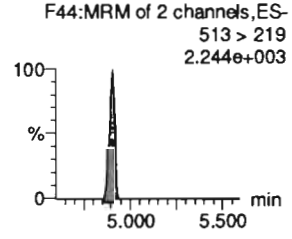
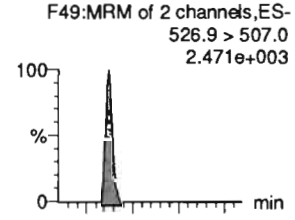
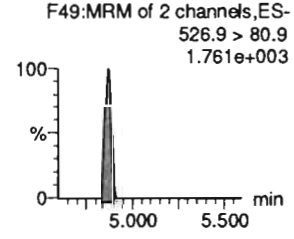


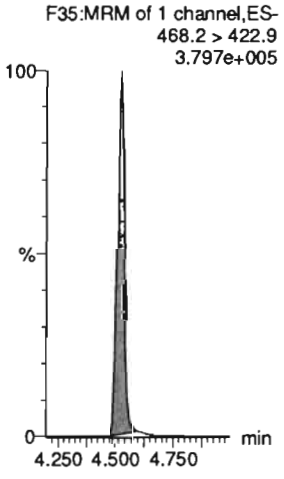


8:2 FTS

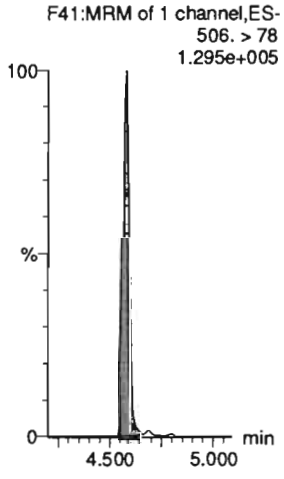




13C5-PFNA-EIS



13C8-PFOSA-EIS



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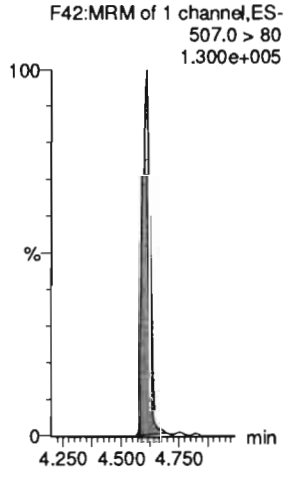

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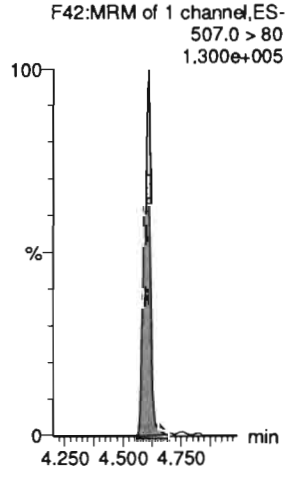
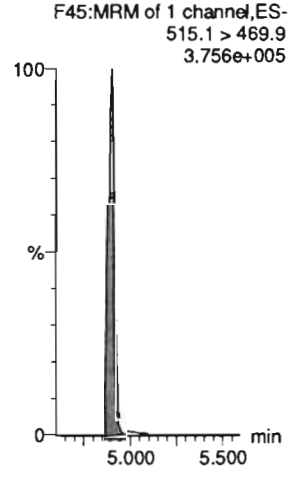
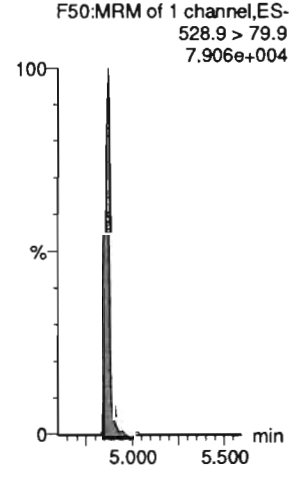


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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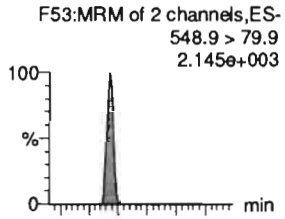
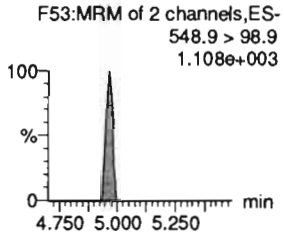
Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFNS





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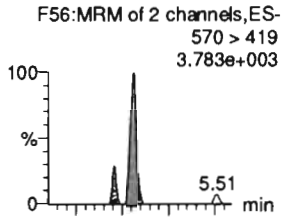
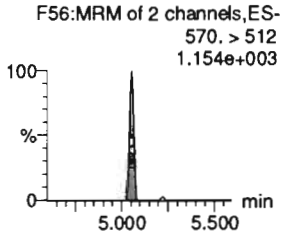
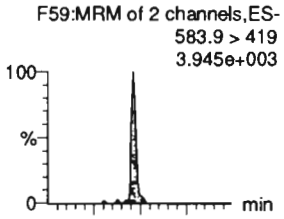
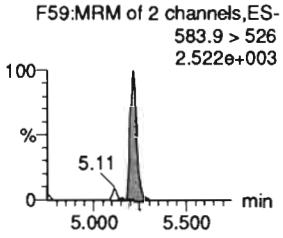


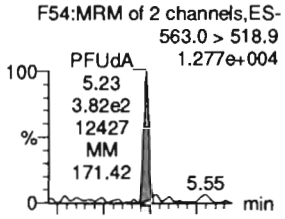


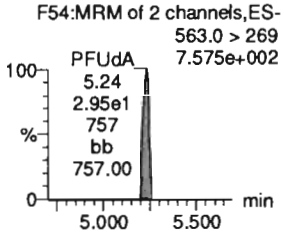
L-EtFOSAA





PFUdA





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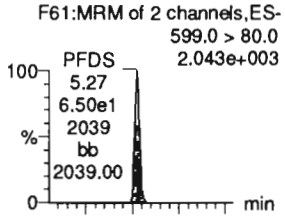

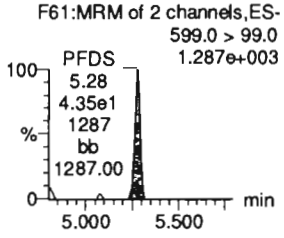

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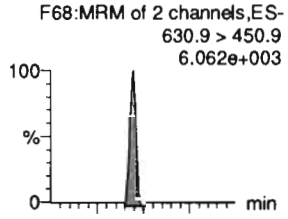
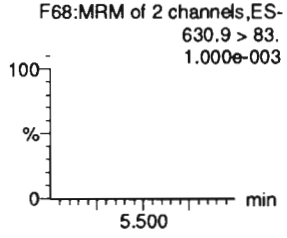
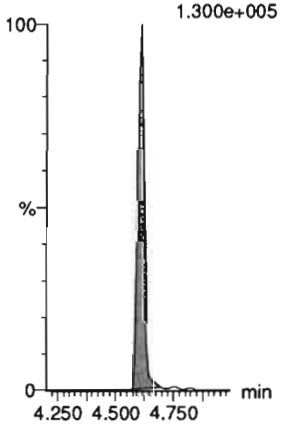
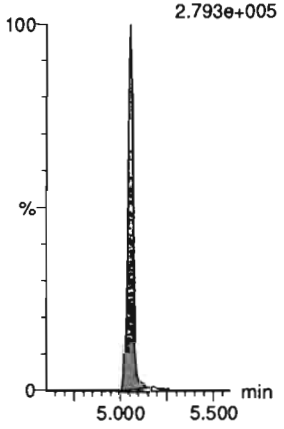




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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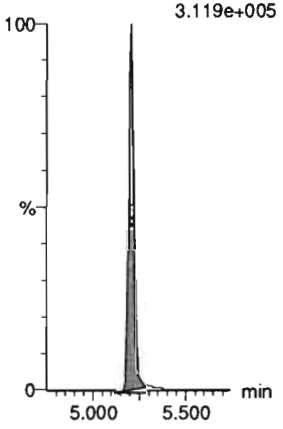

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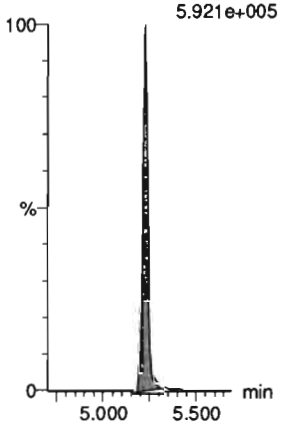

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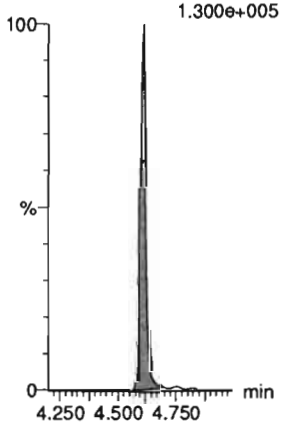
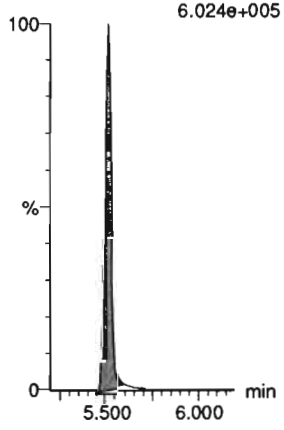


13C2-PFDoA-EIS

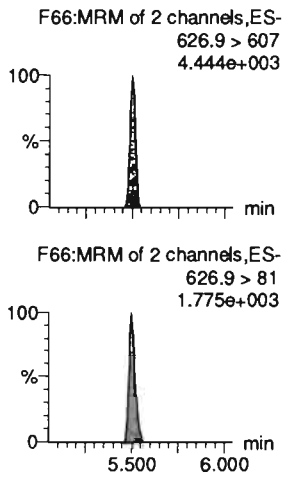


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

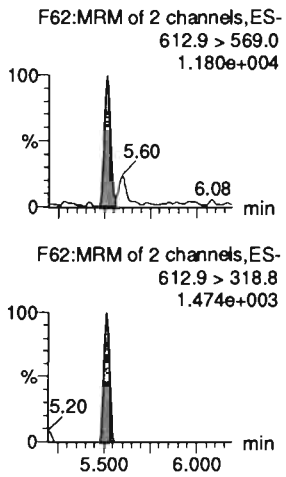
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

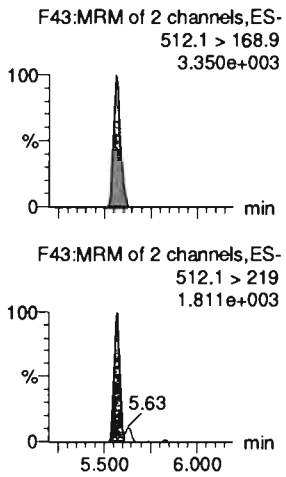
10:2 FTS



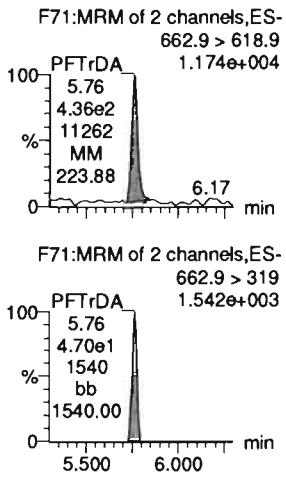
PFDoA



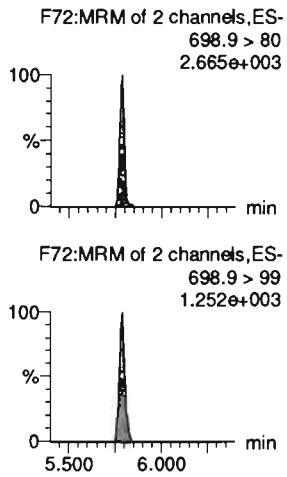
N-MeFOSA



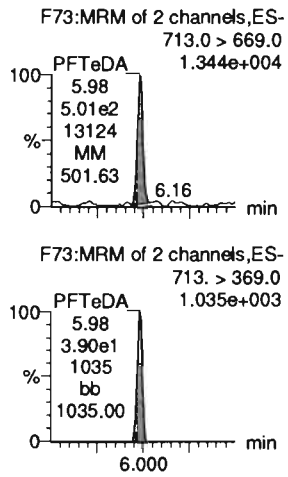
PFTrDA



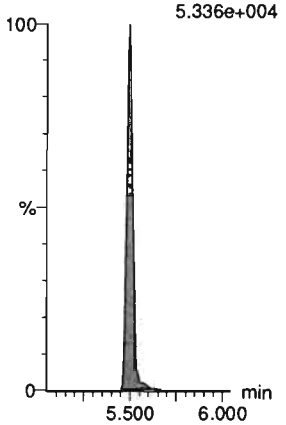
PFDoS



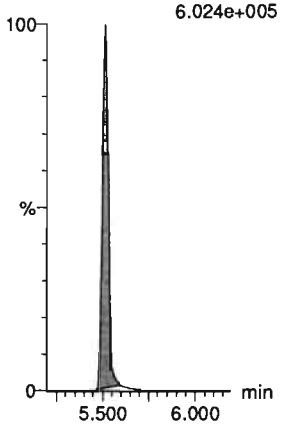
PFTeDA



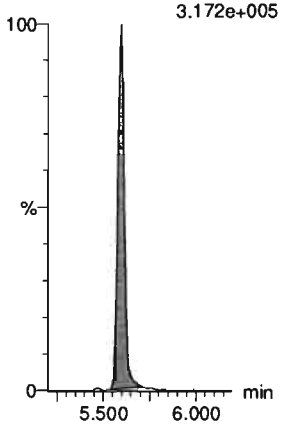
13C2-10:2 FTS-EIS



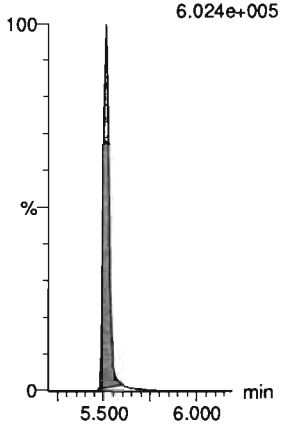
13C2-PFDoA-EIS



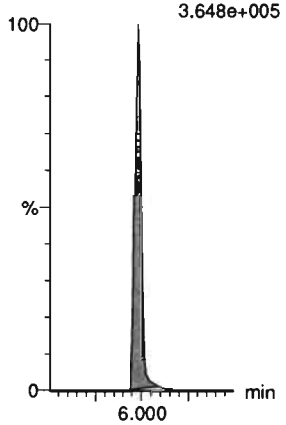
d3-N-MeFOSA-EIS



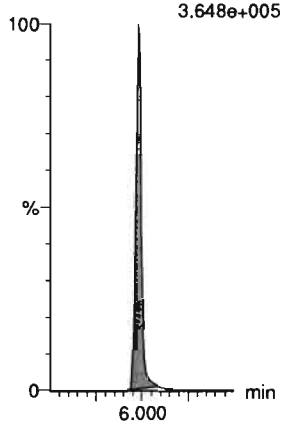
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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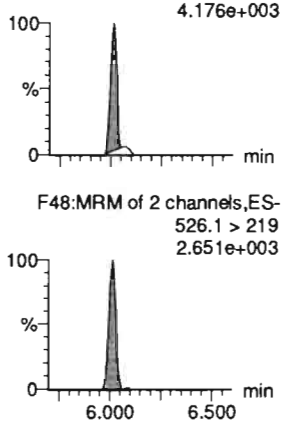
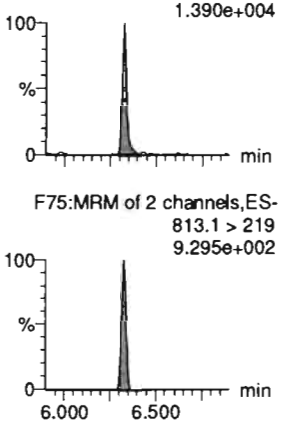
Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

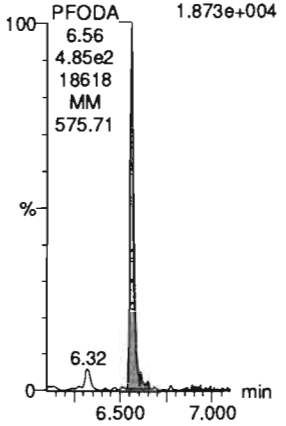
N-EtFOSA



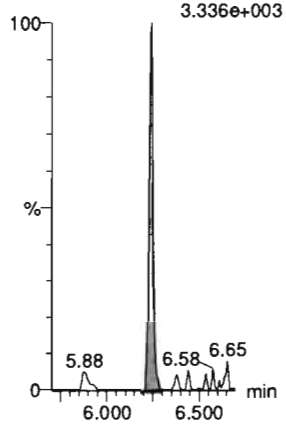
PFHxDA



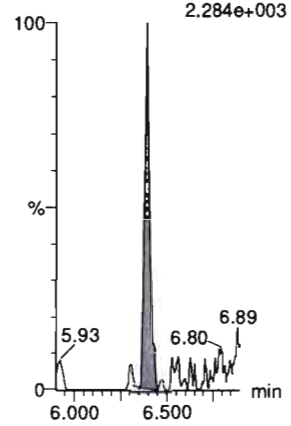
PFODA



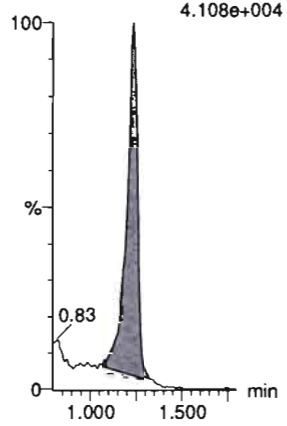
N-MeFOSE



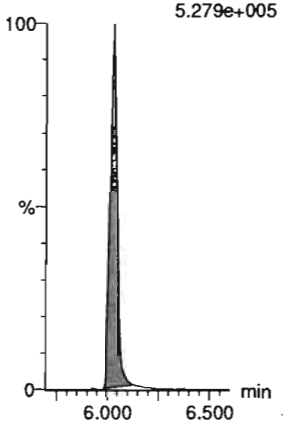
N-EtFOSE



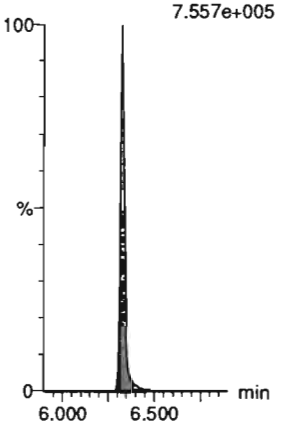
13C3-PFBA-RSD



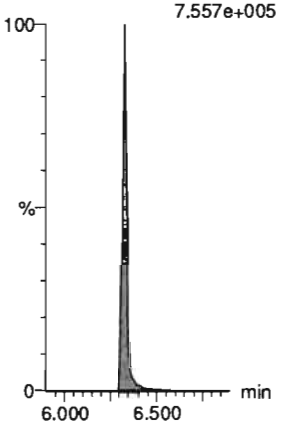
d5-N-ETFOSA-EIS



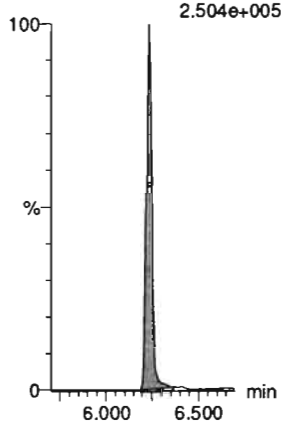
13C2-PFHxDA-EIS



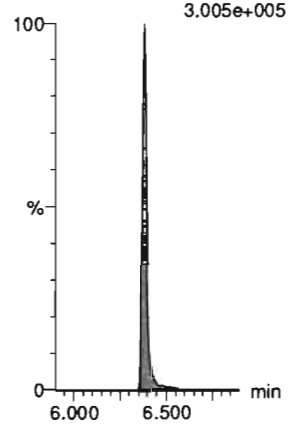
13C2-PFHxDA-EIS



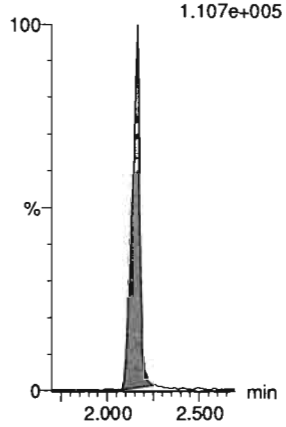
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

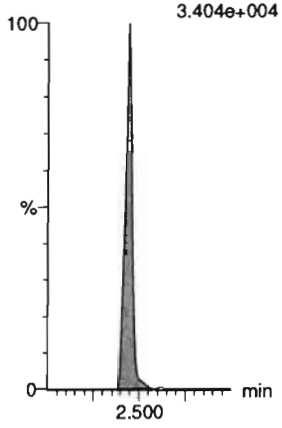


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

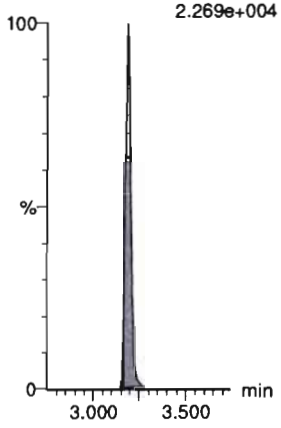
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

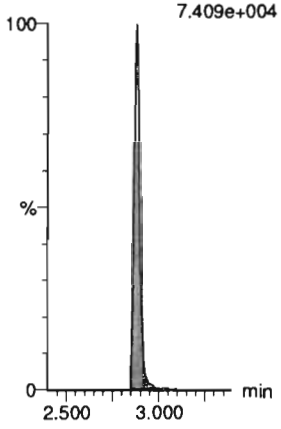
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.404e+004



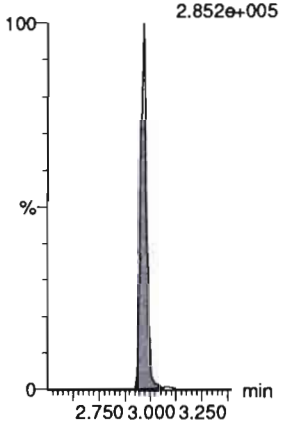
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.269e+004



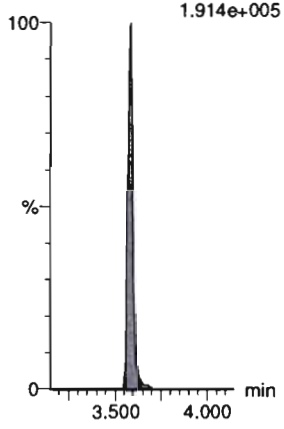
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.409e+004



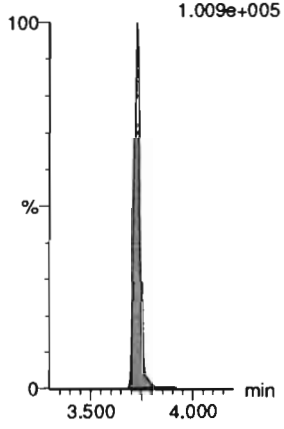
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.852e+005



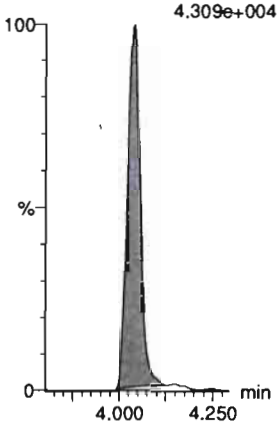
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.914e+005



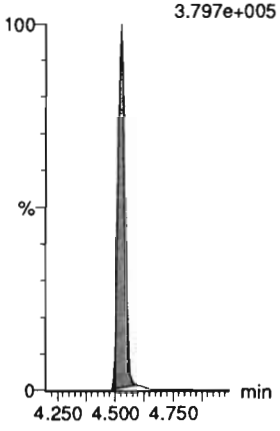
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.009e+005



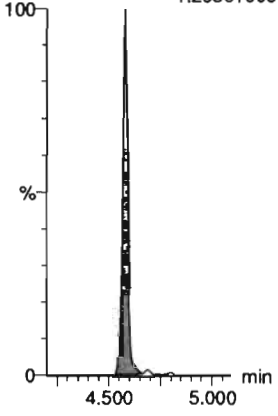
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.309e+004



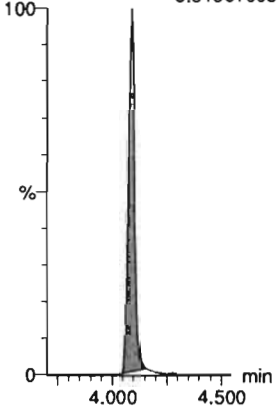
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.797e+005



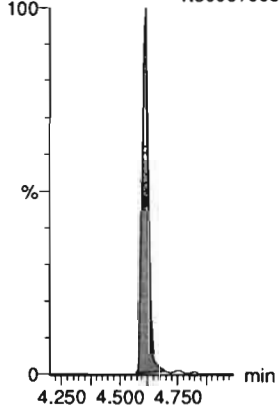
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.295e+005



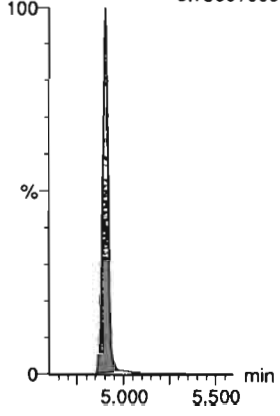
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.815e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.300e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.756e+005



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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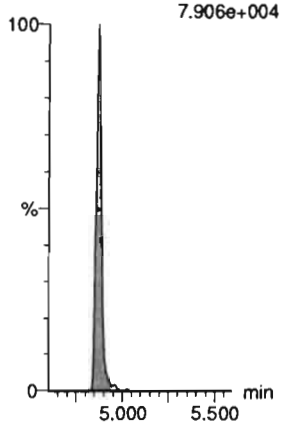
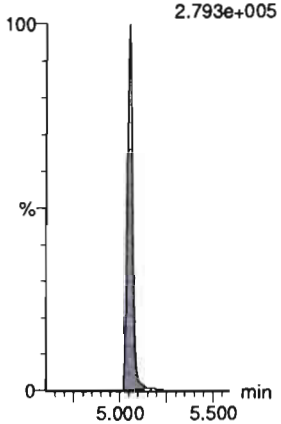
Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

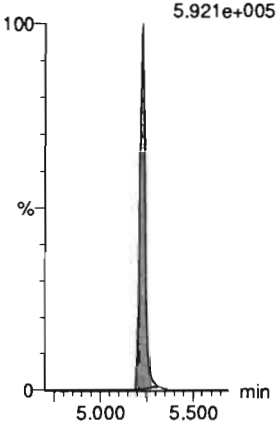
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
7.906e+004



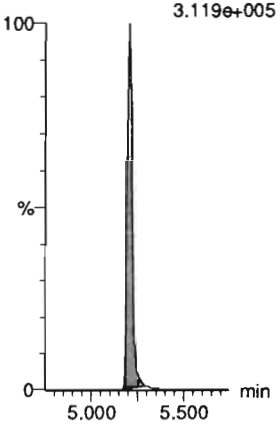
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.793e+005



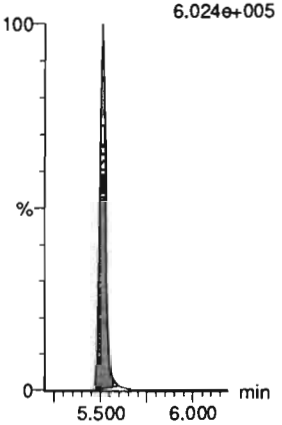
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.921e+005



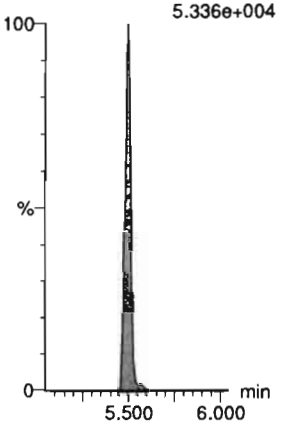
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.119e+005



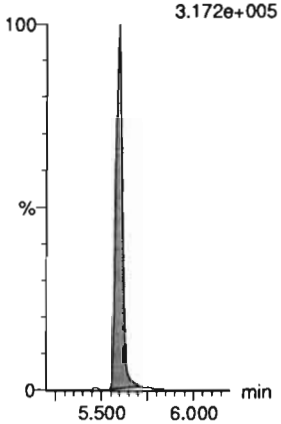
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.024e+005



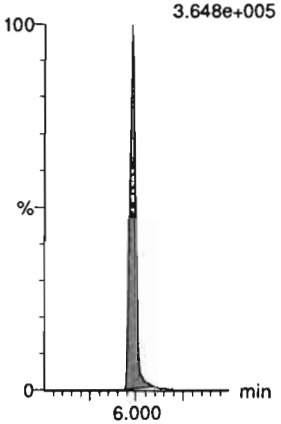
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.336e+004



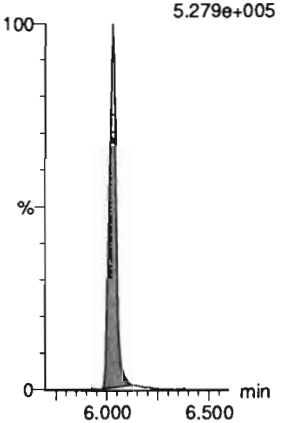
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.172e+005



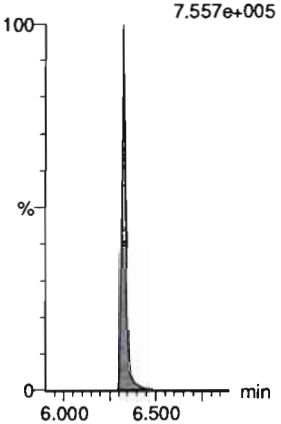
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.648e+005



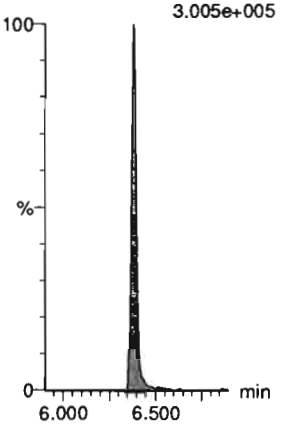
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.279e+005



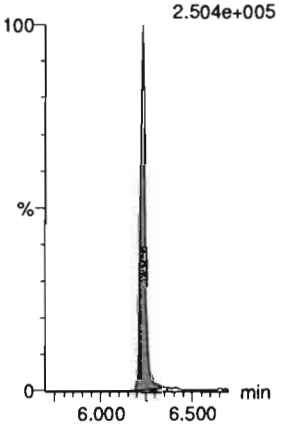
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.557e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.005e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.504e+005

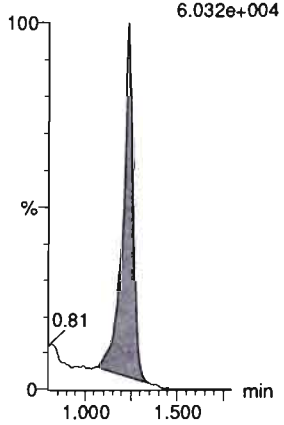


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

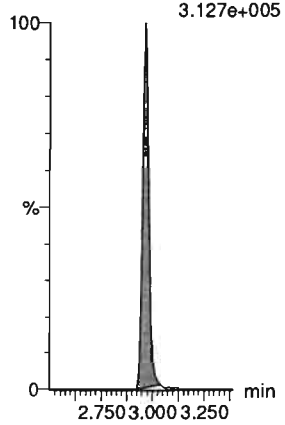
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_4, Date: 23-Jun-2020, Time: 12:34:44, ID: ST200623M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

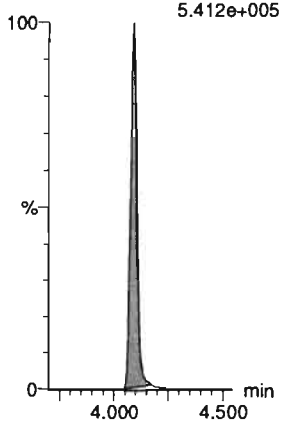
13C4-PFBA



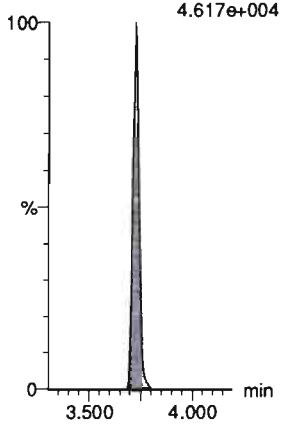
13C5-PFHxA



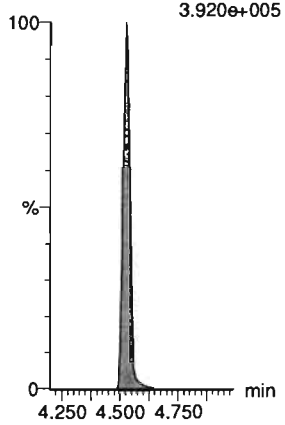
13C8-PFOA



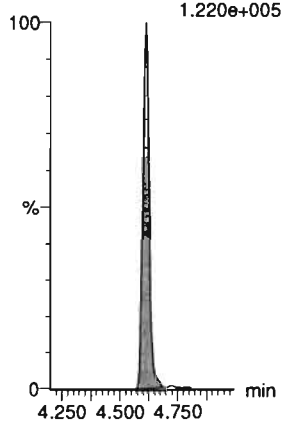
18O2-PFHxS



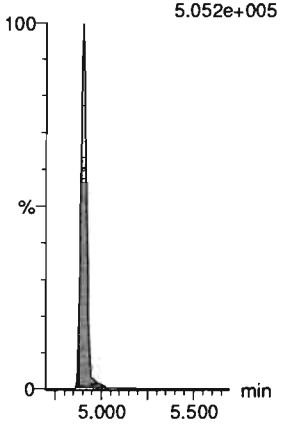
13C9-PFNA



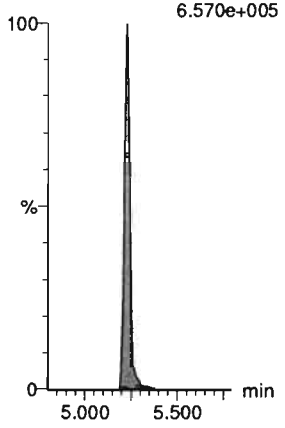
13C4-PFOS



13C6-PFDA



13C7-PFUdA

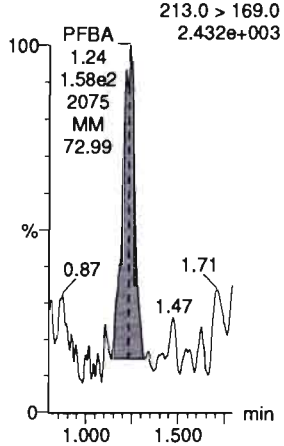


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

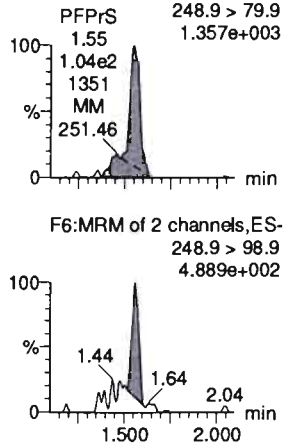
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

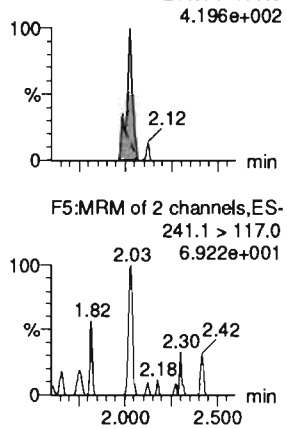
PFBA



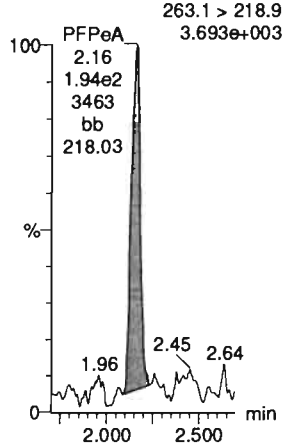
PFPrS



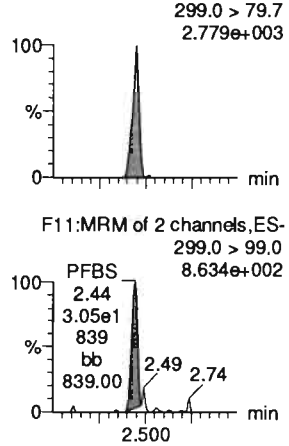
3:3 FTCA



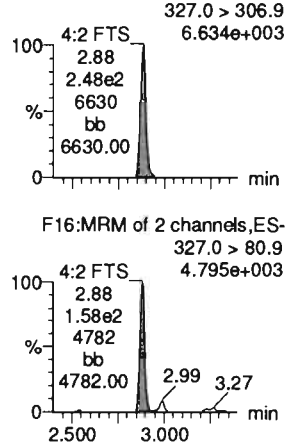
PFPeA



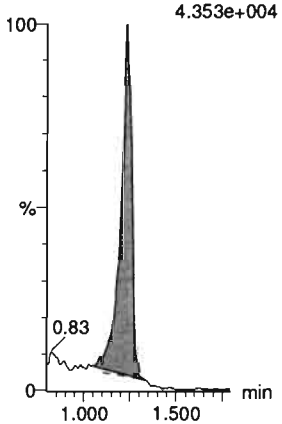
PFBS



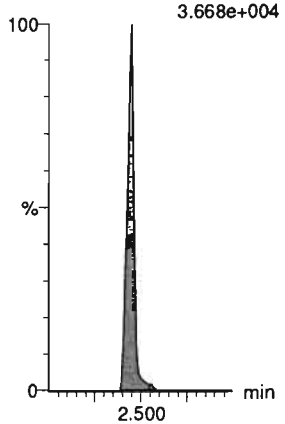
4:2 FTS



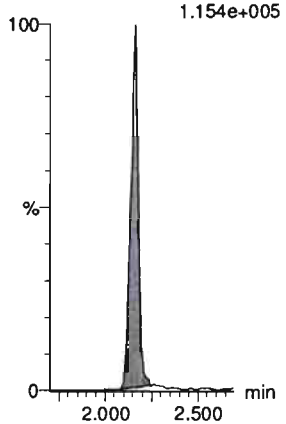
13C3-PFBA-EIS



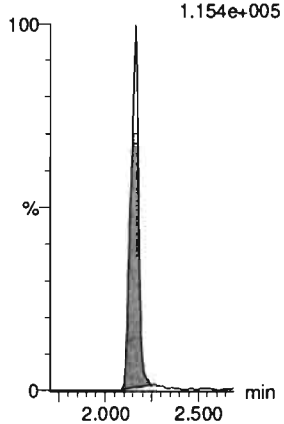
13C3-PFBS-EIS



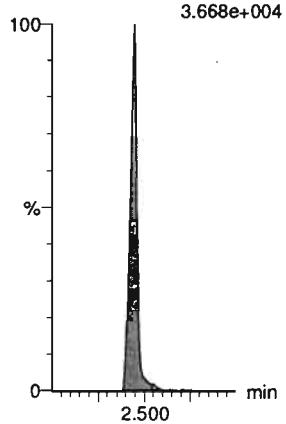
13C3-PFPeA-EIS



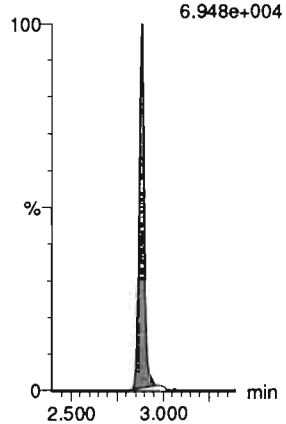
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

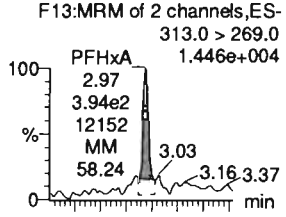


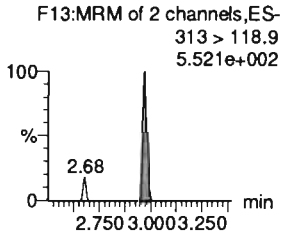
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

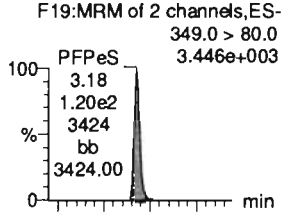
Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

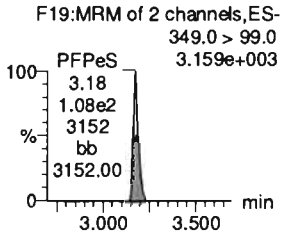
PFHxA



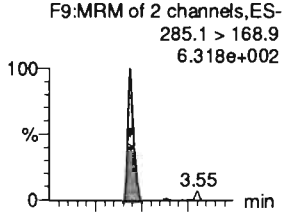


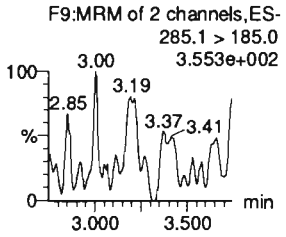
PFPeS



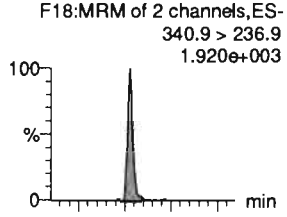


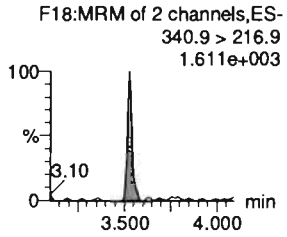
HFPO-DA



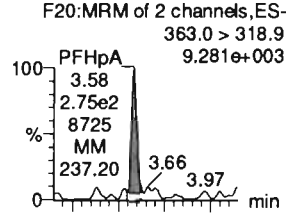


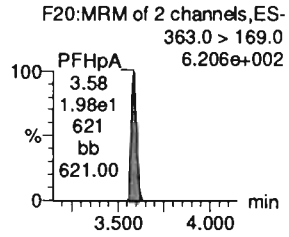
5:3 FTCA



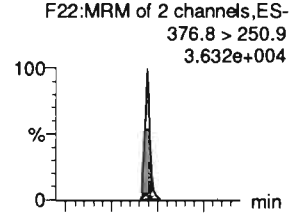


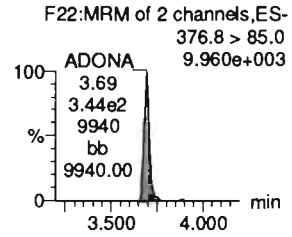
PFHpA



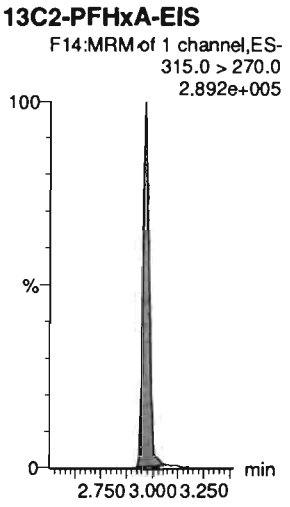


ADONA

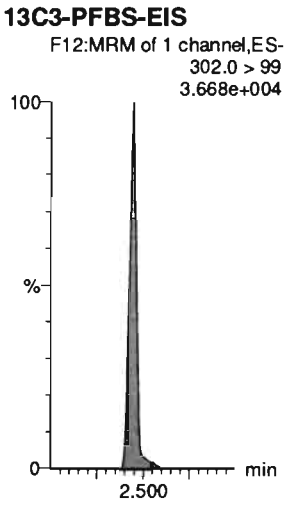




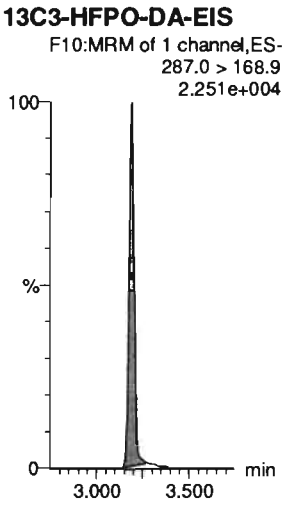
13C2-PFHxA-EIS



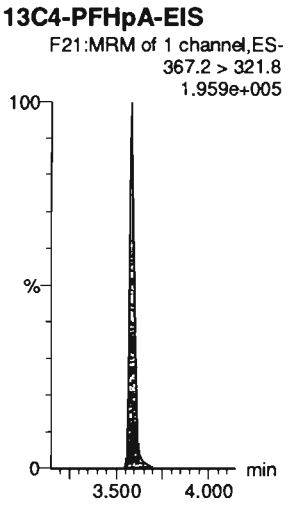
13C3-PFBS-EIS



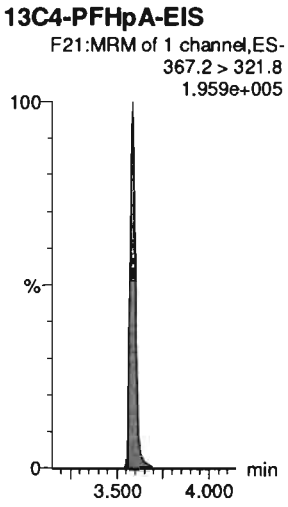
13C3-HFPO-DA-EIS



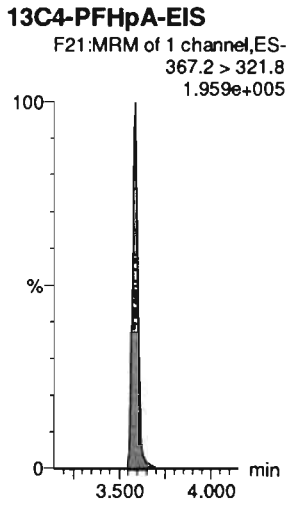
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

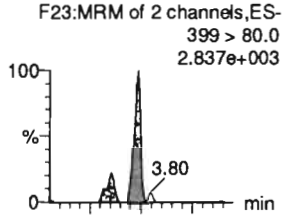


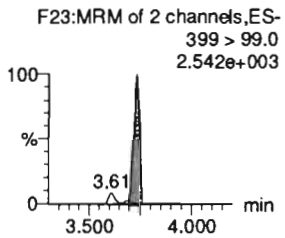
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

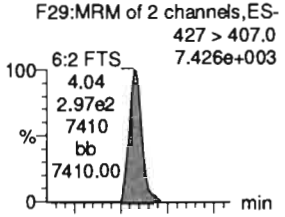
Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

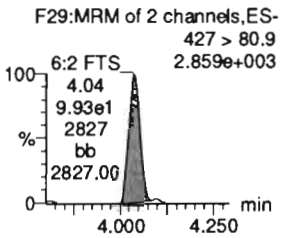
L-PFHxS



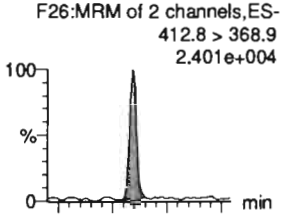


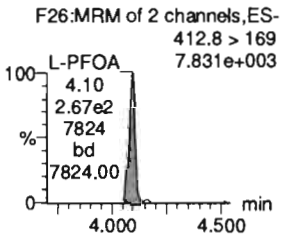
6:2 FTS



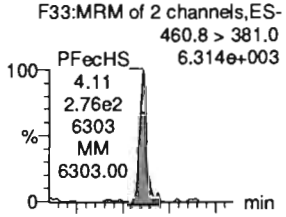


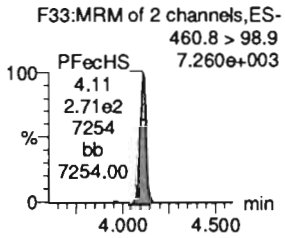
L-PFOA



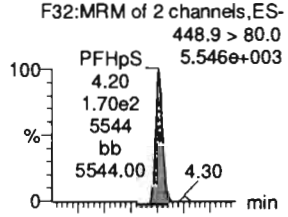


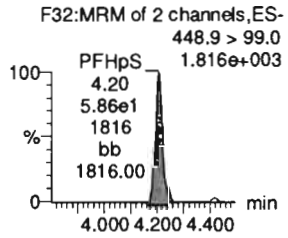
PFEChS



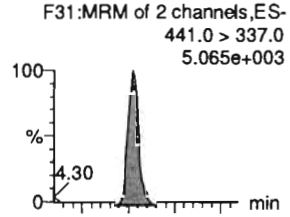


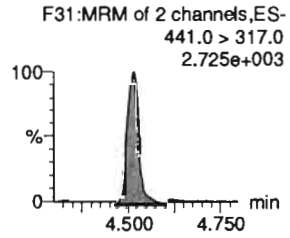
PFHpS



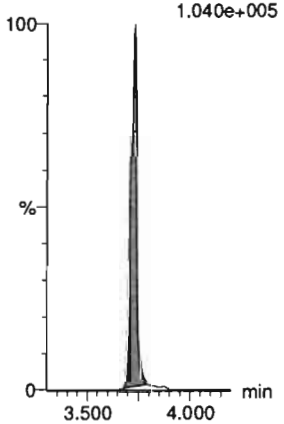


7:3 FTCA

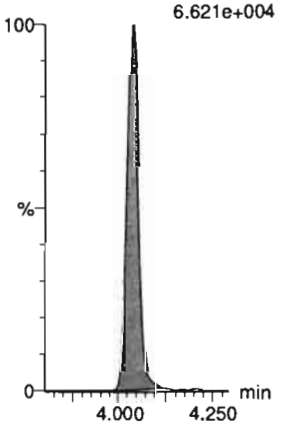




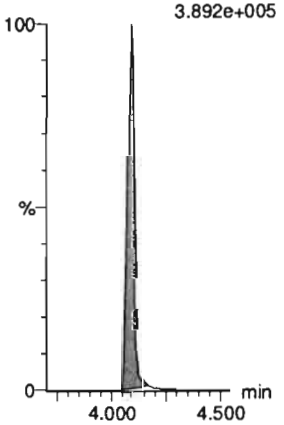
13C3-PFHxS-EIS



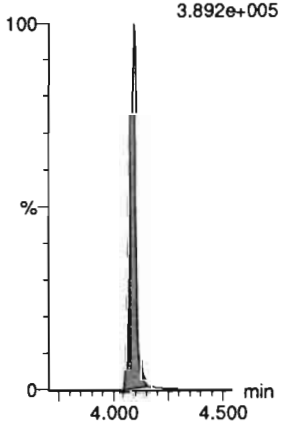
13C2-6:2 FTS-EIS



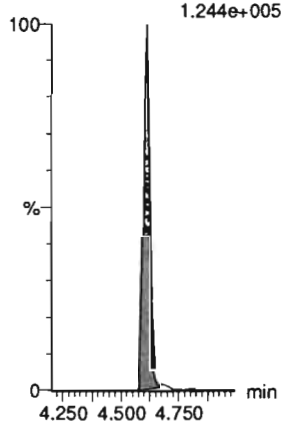
13C2-PFOA-EIS



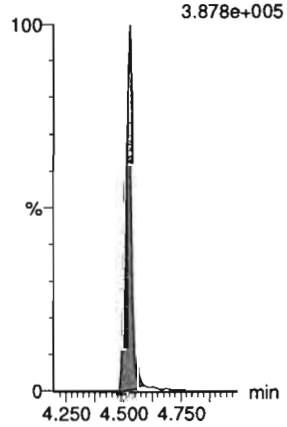
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

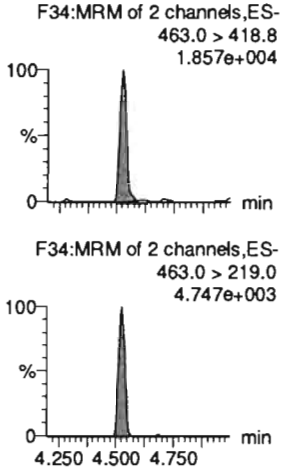


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

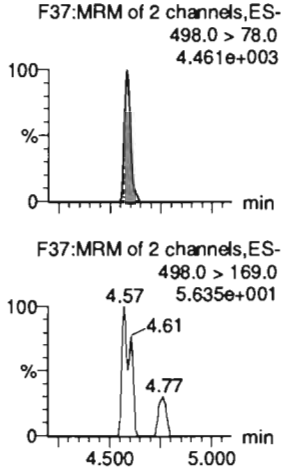
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

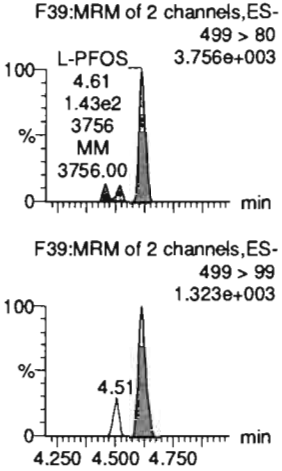
PFNA



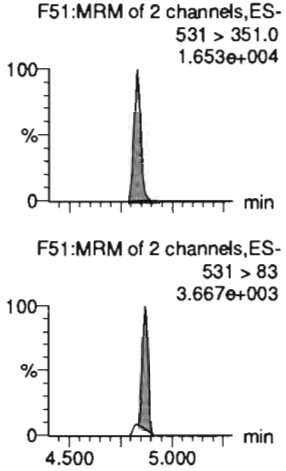
PFOSA



L-PFOS



9Cl-PF30NS



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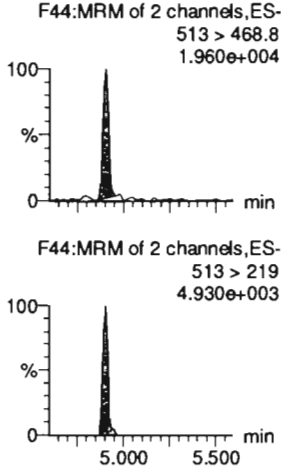
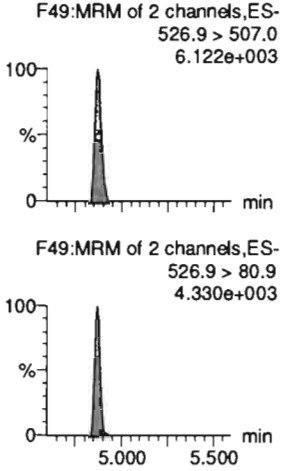
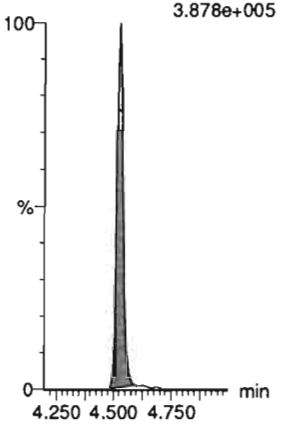


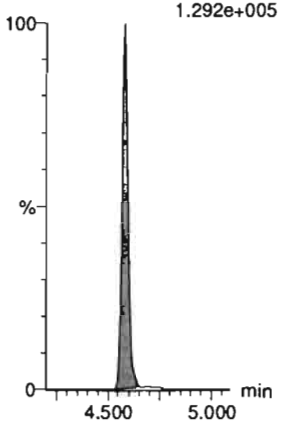
8:2 FTS



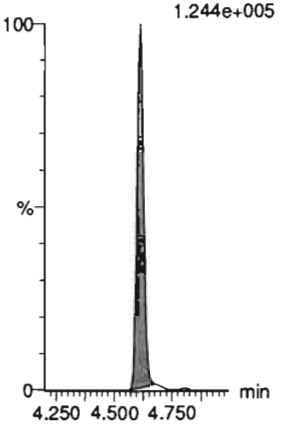
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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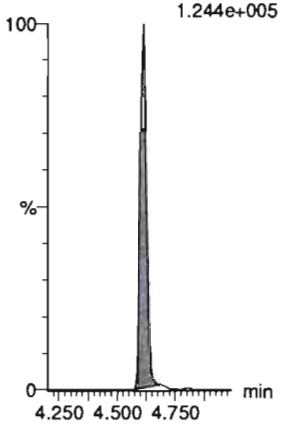
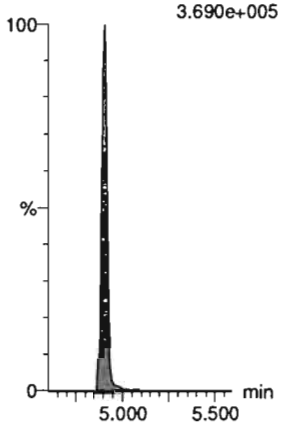
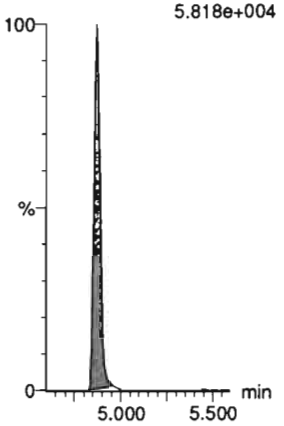


13C2-PFDA-EIS



13C2-8:2 FTS-EIS

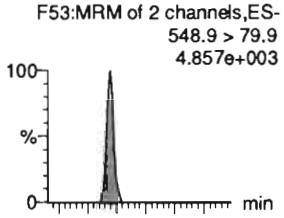


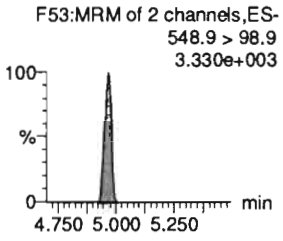
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

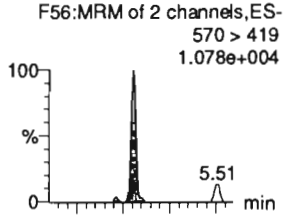
Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

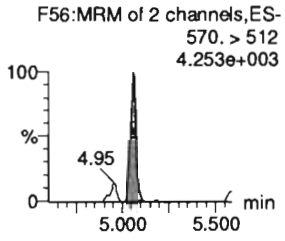
PFNS



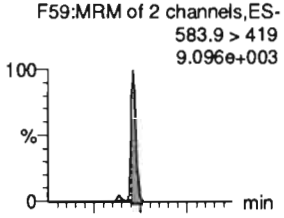


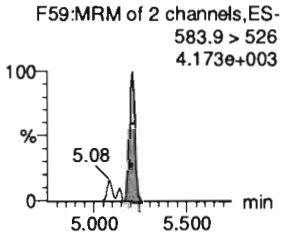
L-MeFOSAA





L-EtFOSAA





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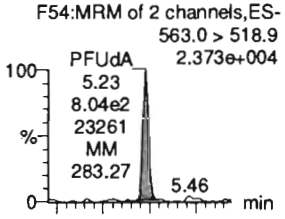
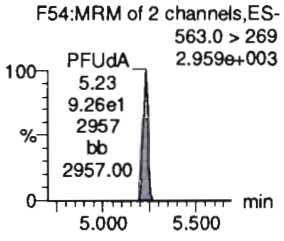
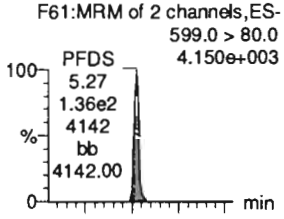
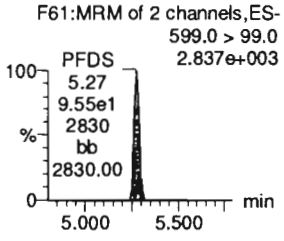


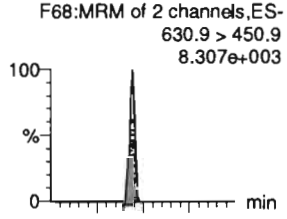


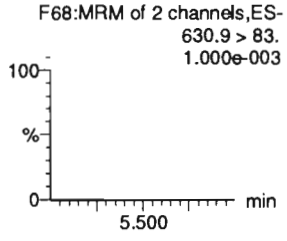
PFDS



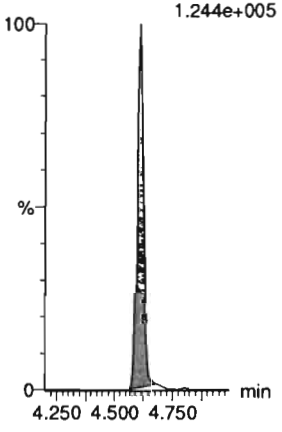


11Cl-PF30UdS

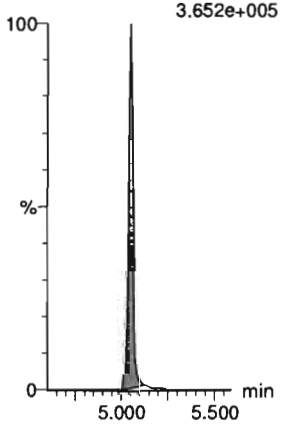




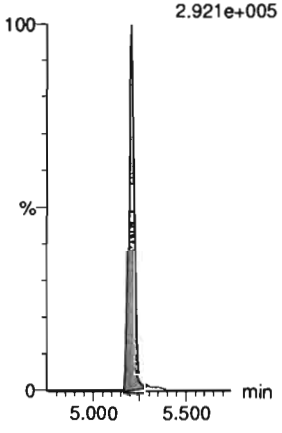
13C8-PFOS-EIS



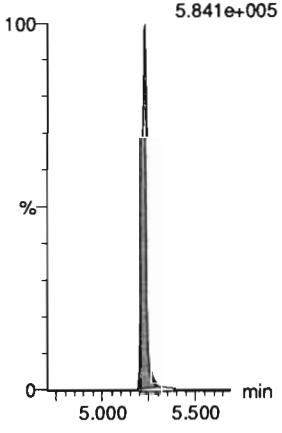
d3-N-MeFOSAA-EIS



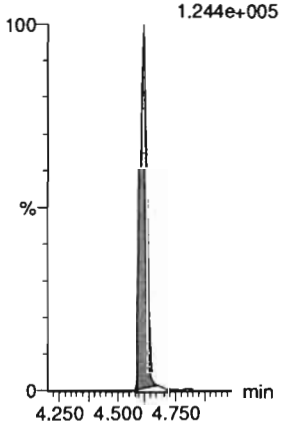
d5-N-EtFOSAA-EIS



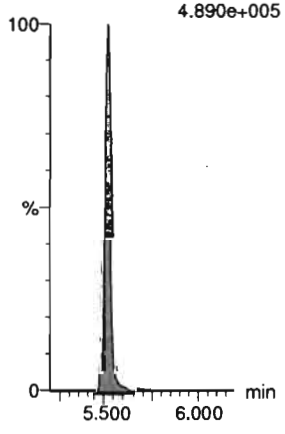
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

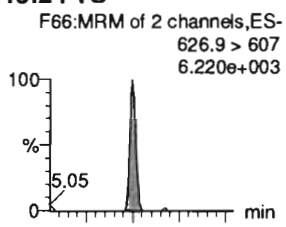


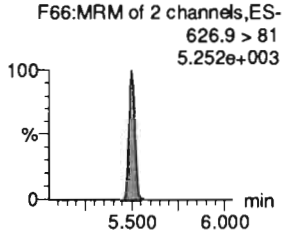
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

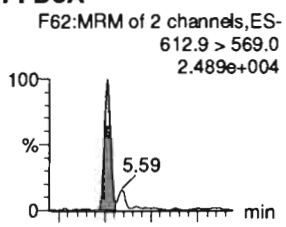
Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

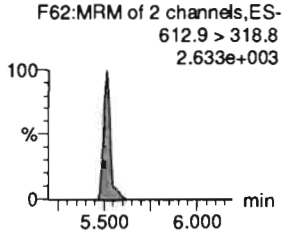
10:2 FTS



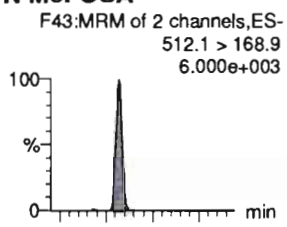


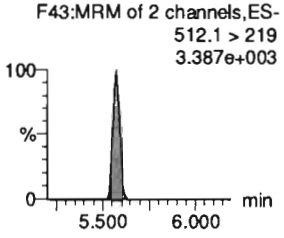
PFDoA





N-MeFOSA





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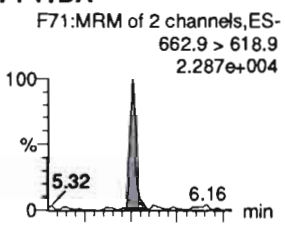
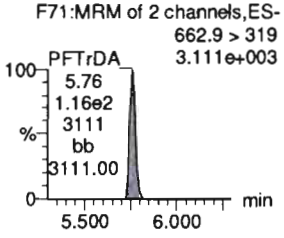
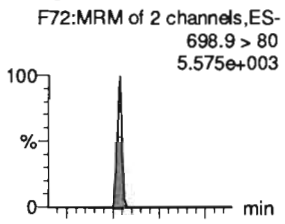
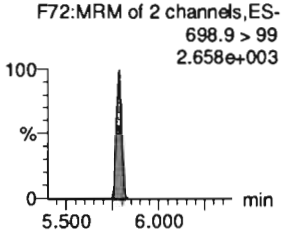


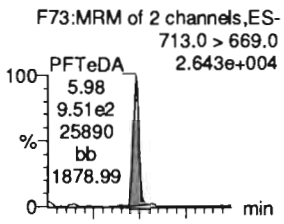


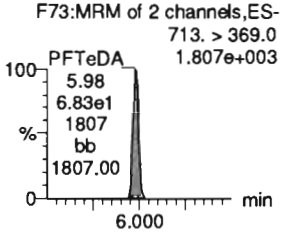
PFDoS



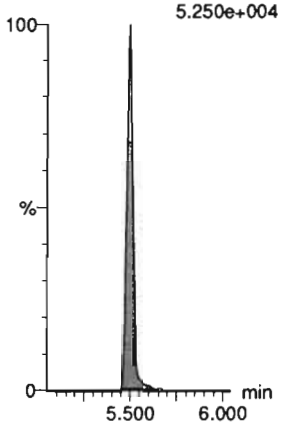


PFTeDA

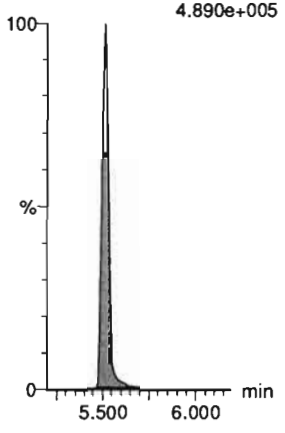




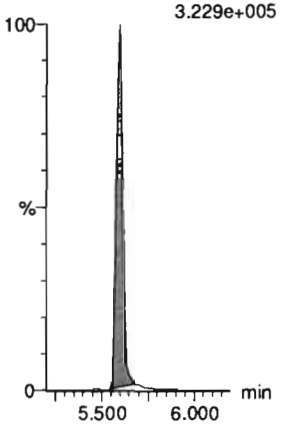
13C2-10:2 FTS-EIS



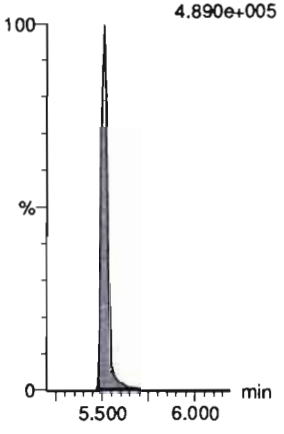
13C2-PFDoA-EIS



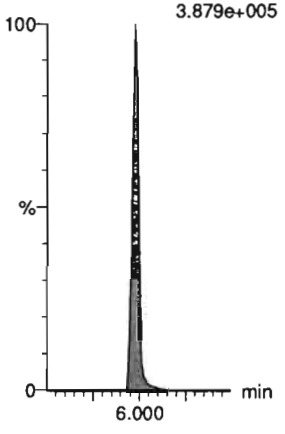
d3-N-MeFOSA-EIS



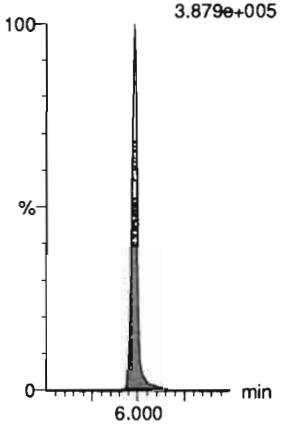
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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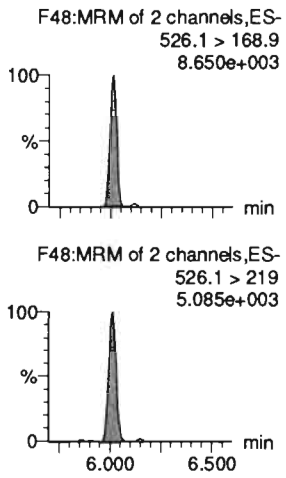
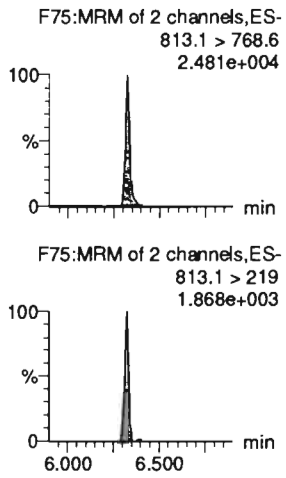
Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

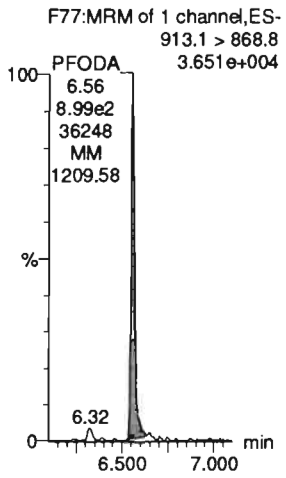
N-EtFOSA



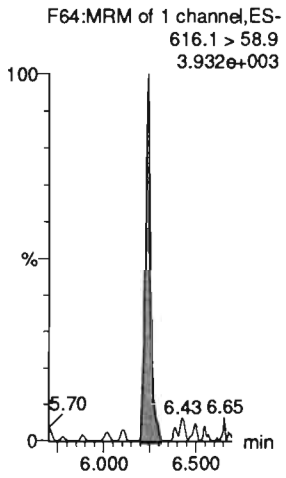
PFHxDA



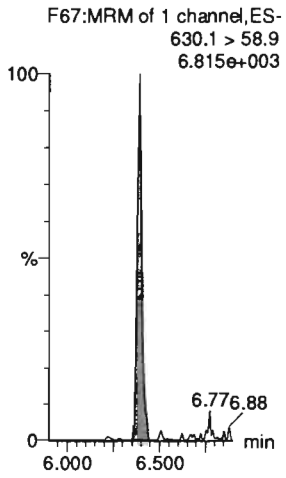
PFODA



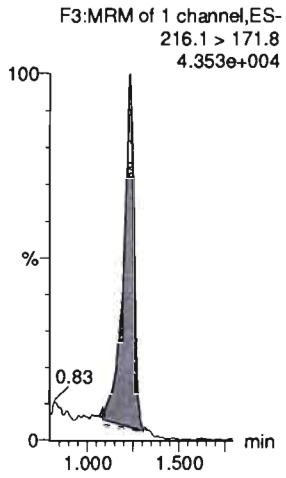
N-MeFOSE



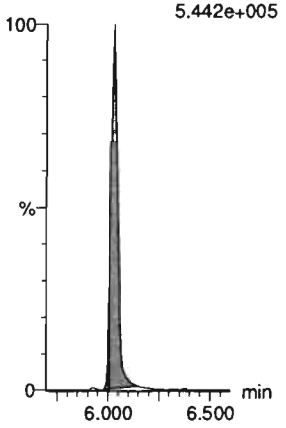
N-EtFOSE



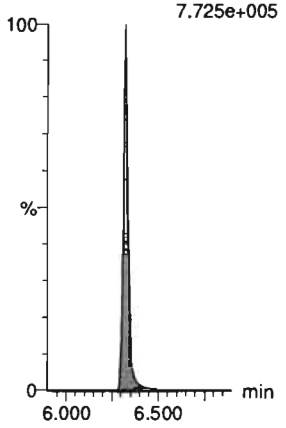
13C3-PFBA-RSD



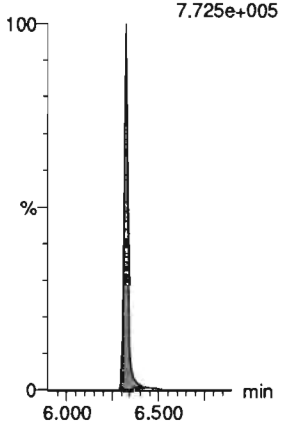
d5-N-ETFOSA-EIS



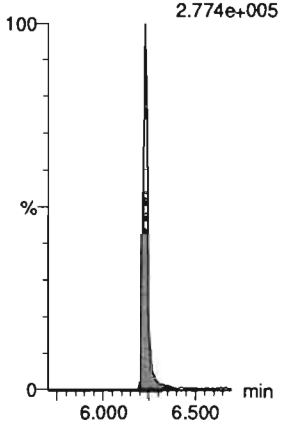
13C2-PFHxDA-EIS



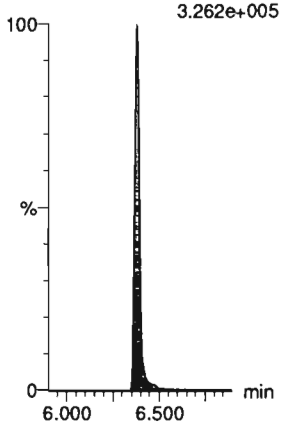
13C2-PFHxDA-EIS



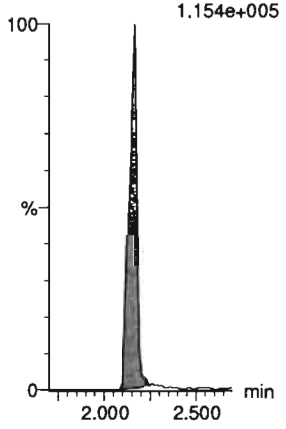
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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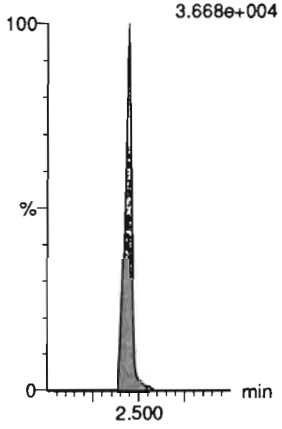
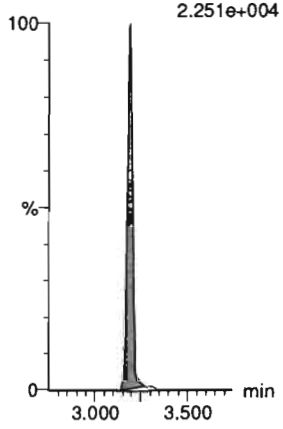
Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

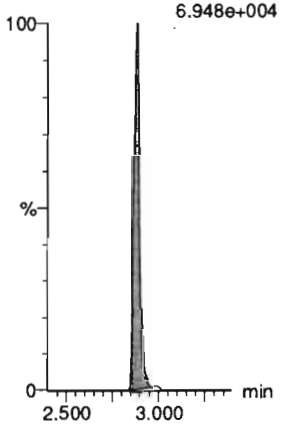
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.668e+004



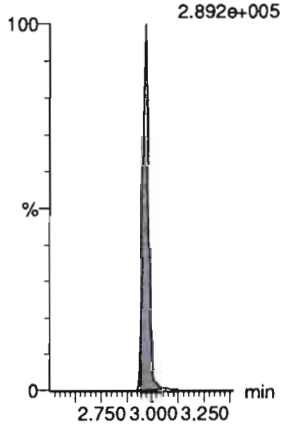
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.251e+004



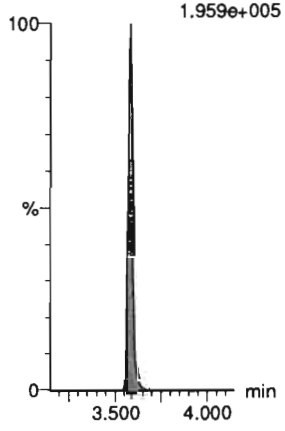
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.948e+004



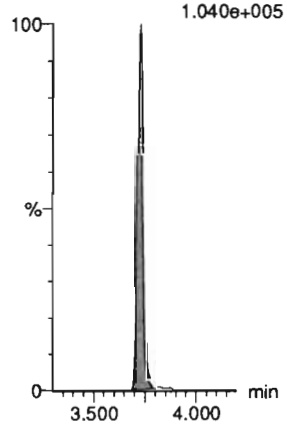
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.892e+005



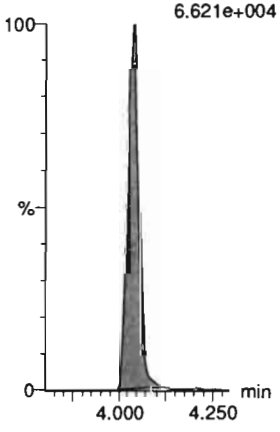
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.959e+005



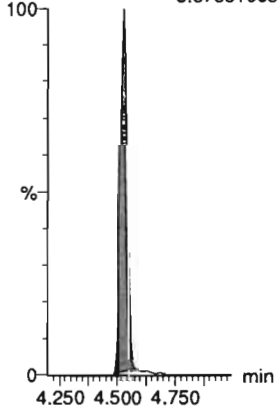
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.040e+005



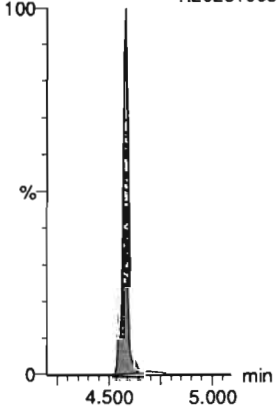
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.621e+004



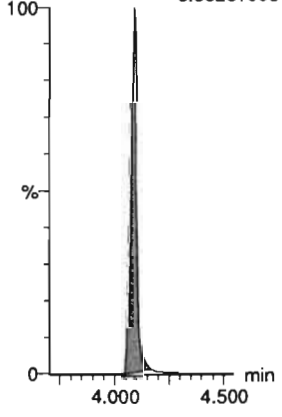
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.878e+005



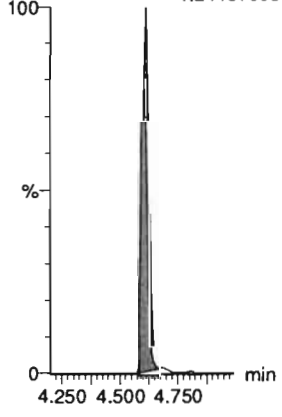
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.292e+005



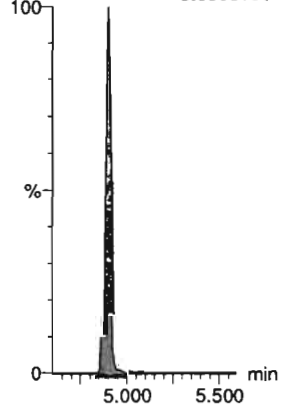
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.892e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.244e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.690e+005

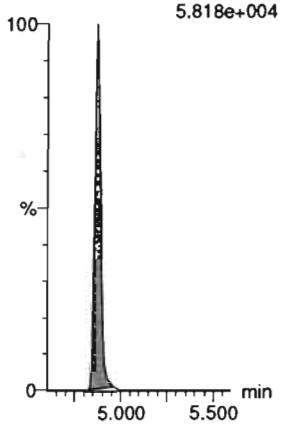


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

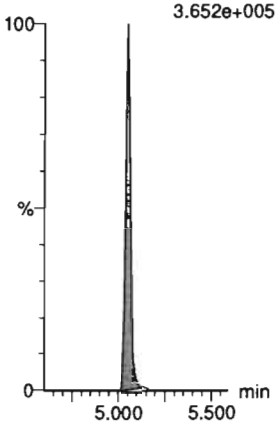
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

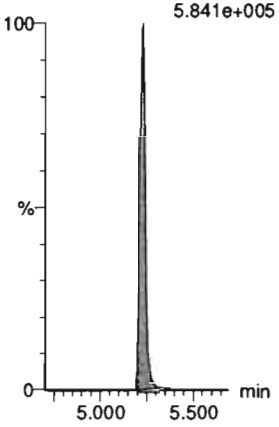
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
5.818e+004



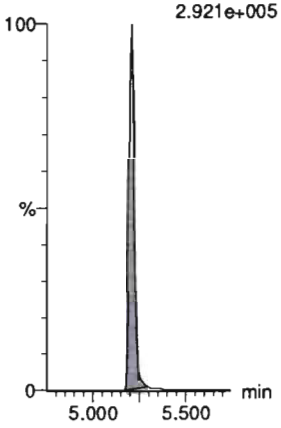
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.652e+005



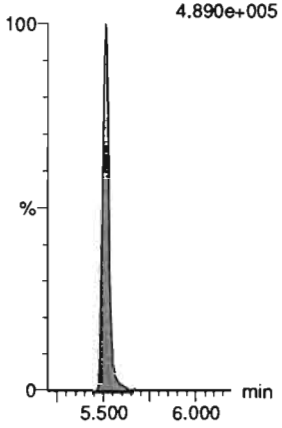
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.841e+005



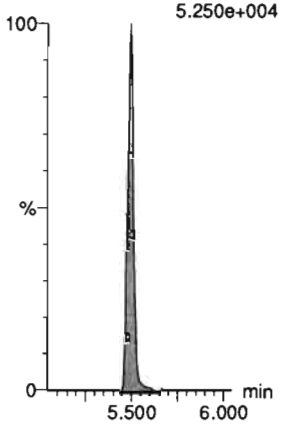
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.921e+005



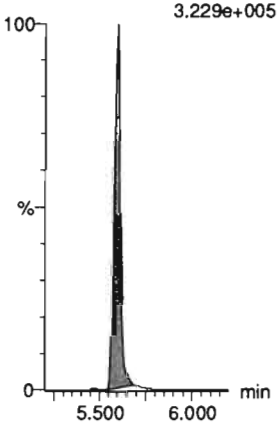
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.890e+005



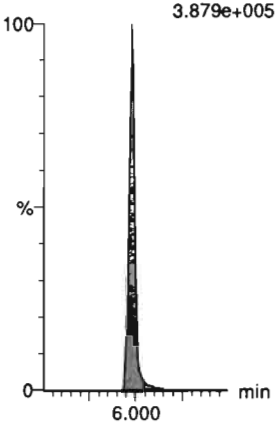
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.250e+004



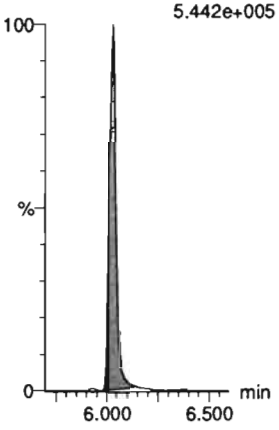
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.229e+005



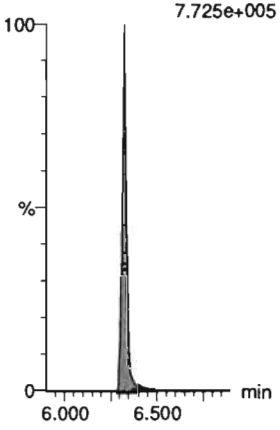
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.879e+005



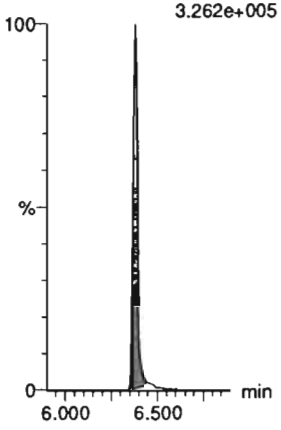
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.442e+005



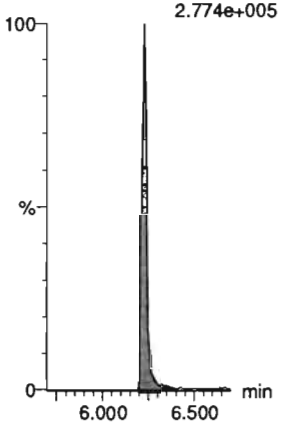
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.725e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.262e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.774e+005



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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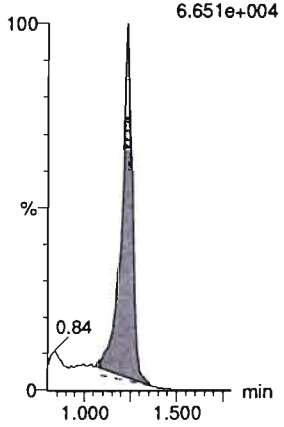
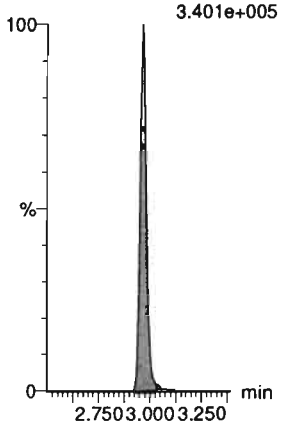
Name: 200623M1_5, Date: 23-Jun-2020, Time: 12:45:06, ID: ST200623M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

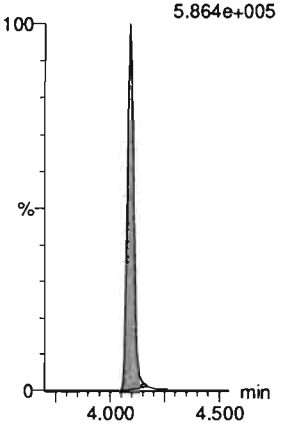
13C4-PFBA



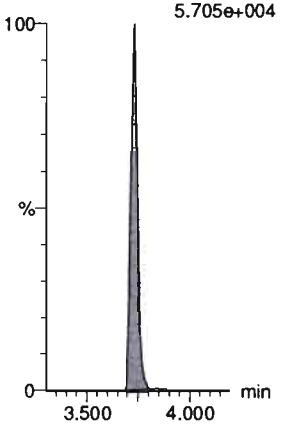
13C5-PFHxA



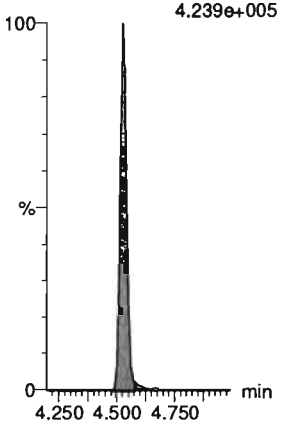
13C8-PFOA



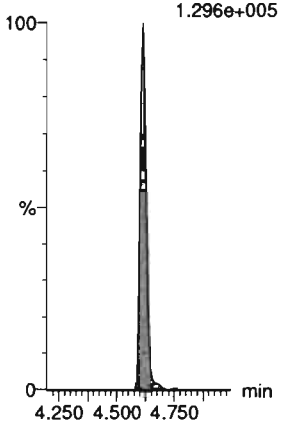
18O2-PFHxS



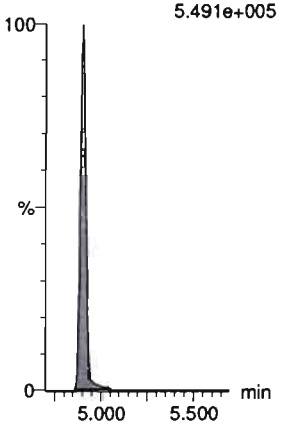
13C9-PFNA



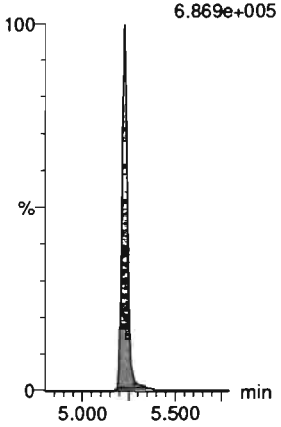
13C4-PFOS



13C6-PFDA



13C7-PFUdA

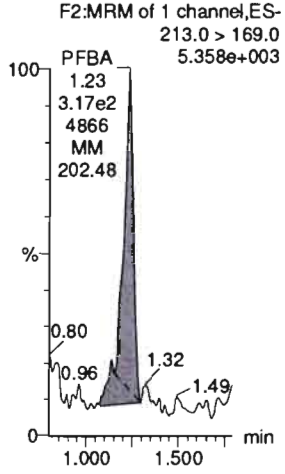


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

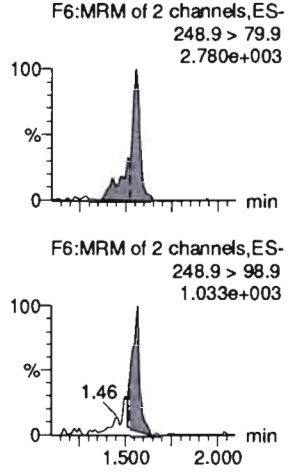
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

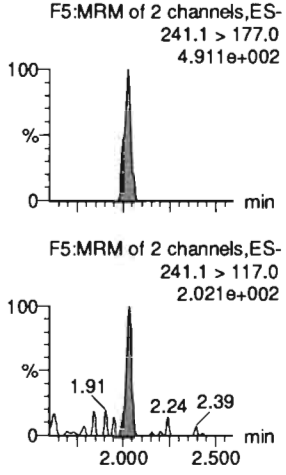
PFBA



PFPrS



3:3 FTCA



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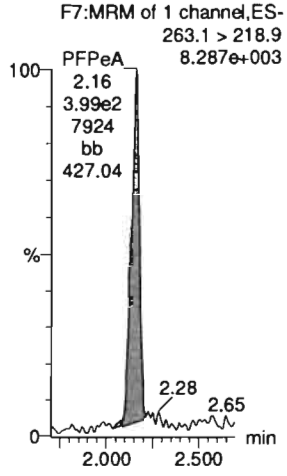
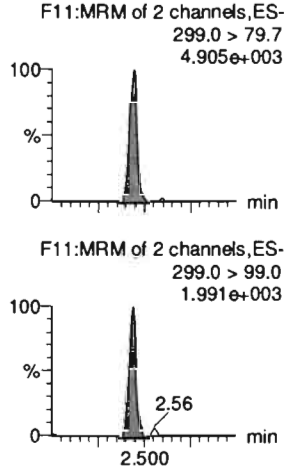
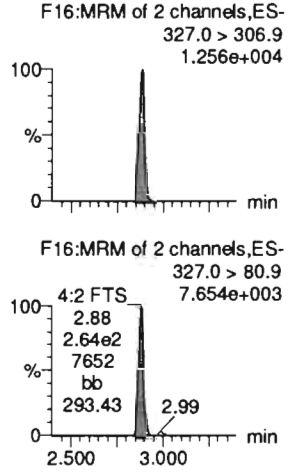


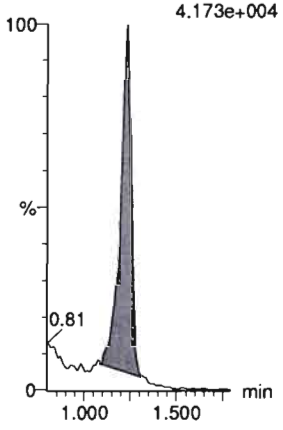
PFBS



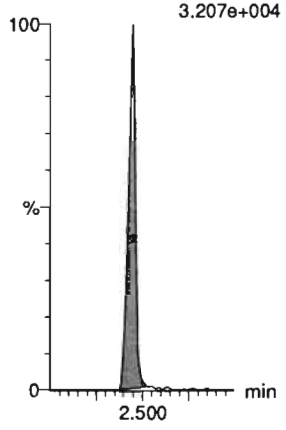
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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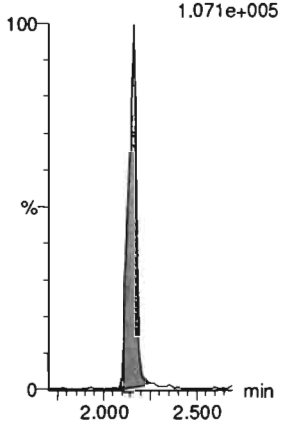

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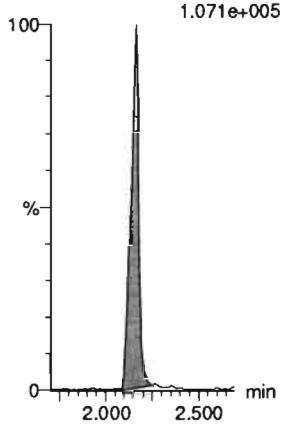

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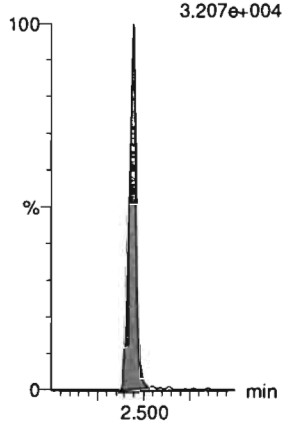
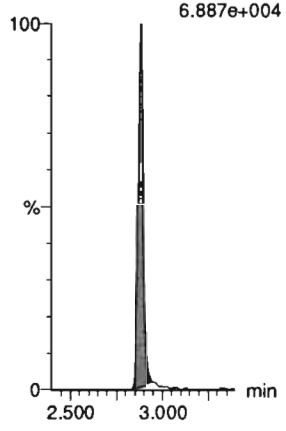


13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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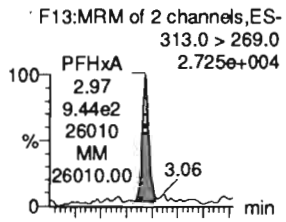
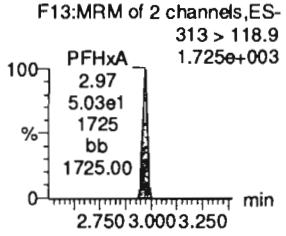
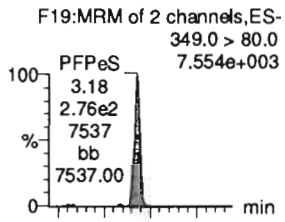
Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

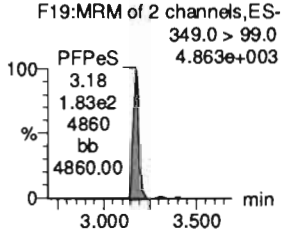
PFHxA



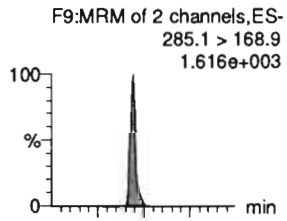


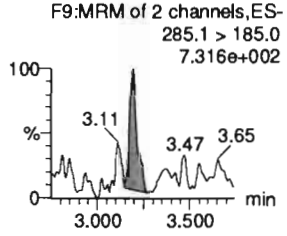
PFPeS



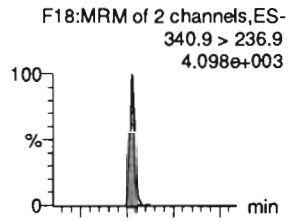


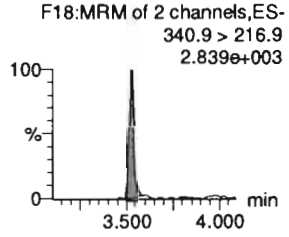
HFPO-DA





5:3 FTCA





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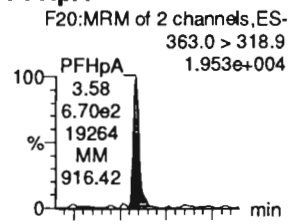
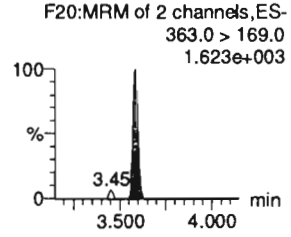
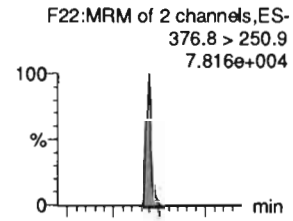
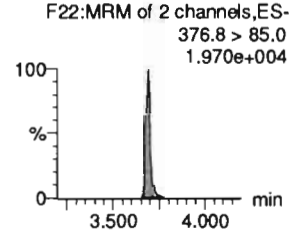


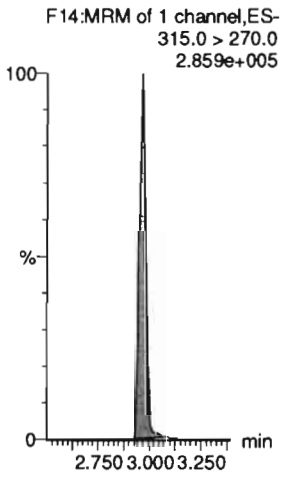


ADONA

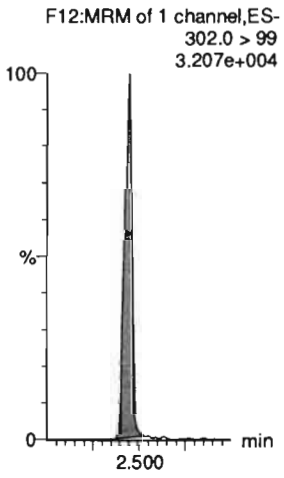




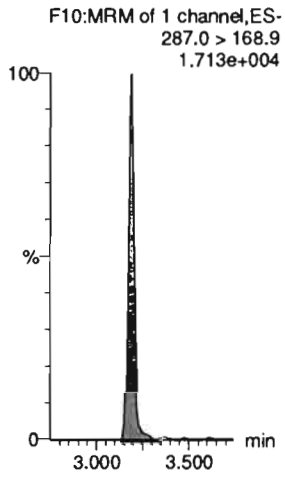
13C2-PFHxA-EIS



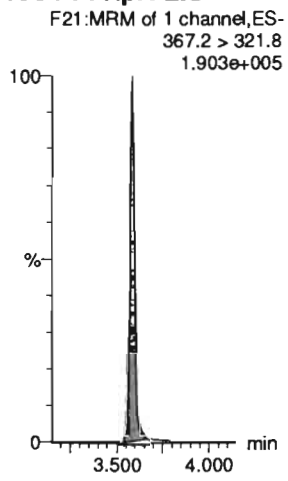
13C3-PFBS-EIS



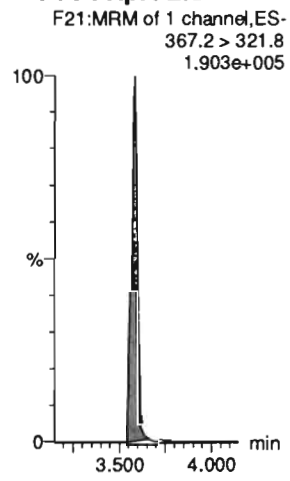
13C3-HFPO-DA-EIS



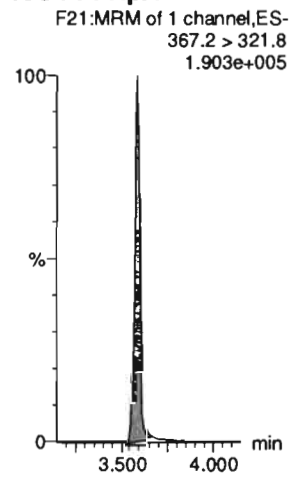
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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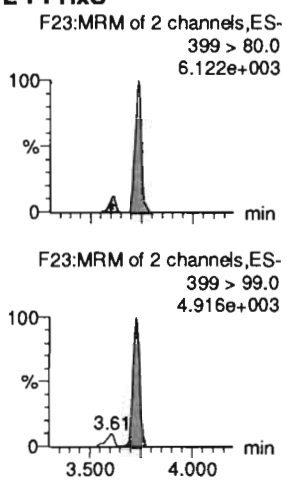
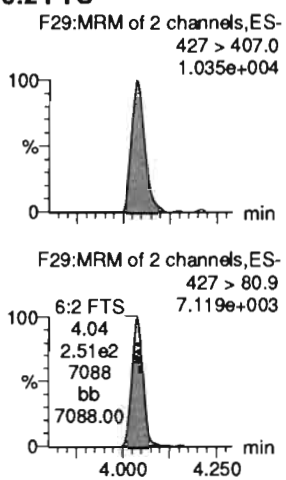
Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

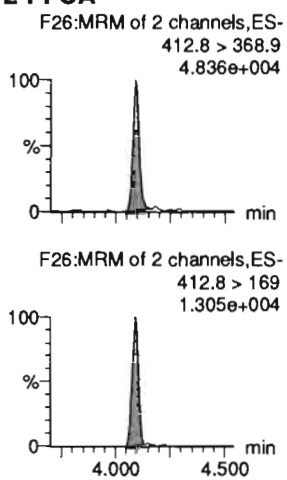
L-PFHxS



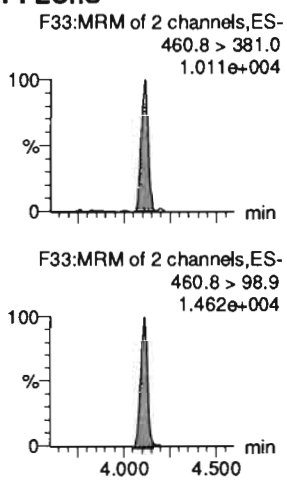
6:2 FTS



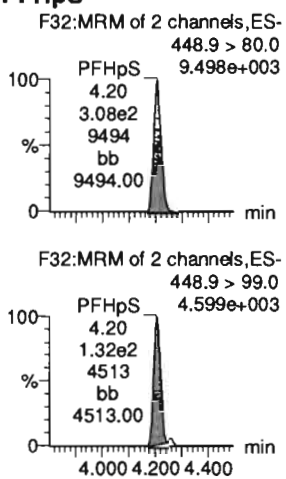
L-PFOA



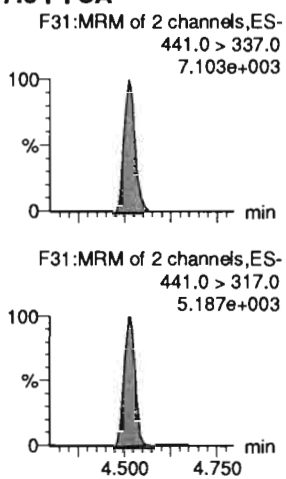
PFEChS



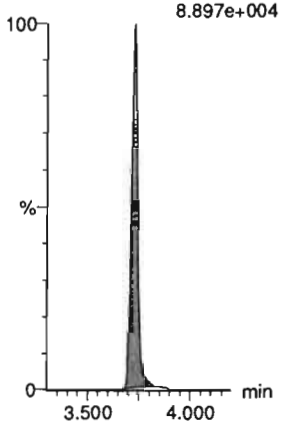
PFHpS



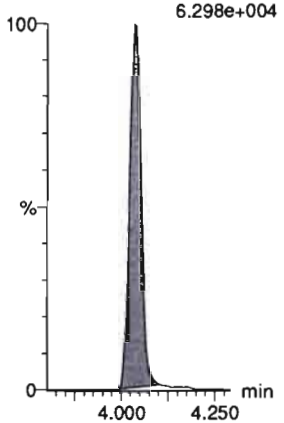
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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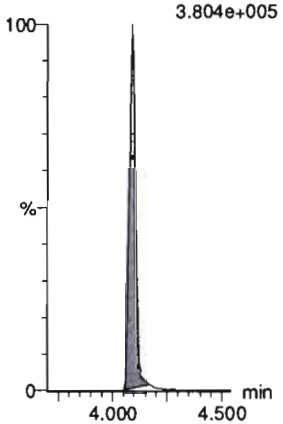

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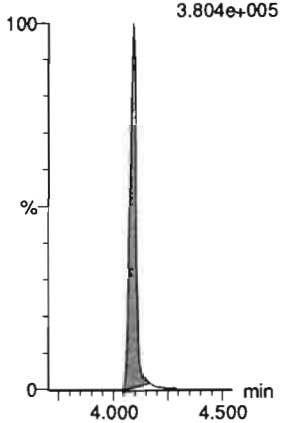
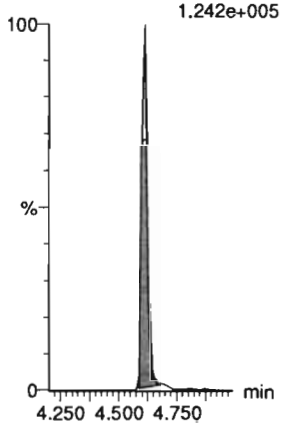
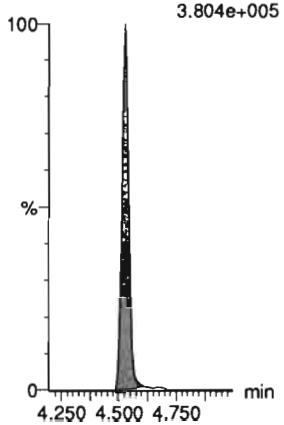


13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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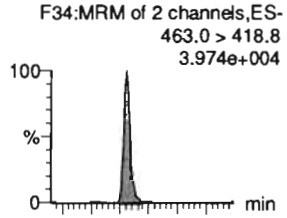
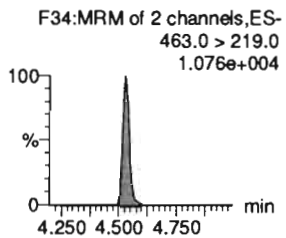
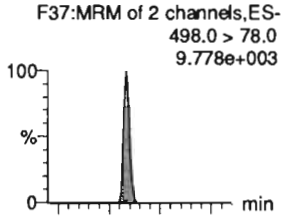
Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

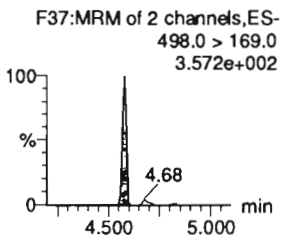
PFNA



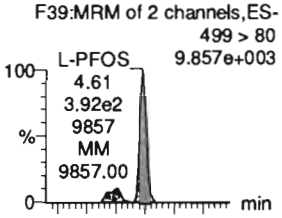


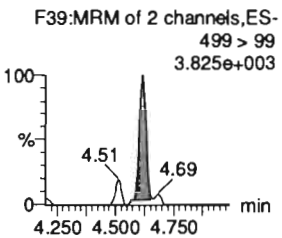
PFOSA



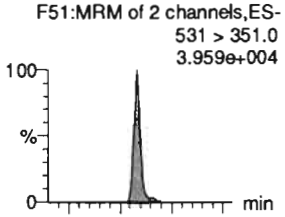


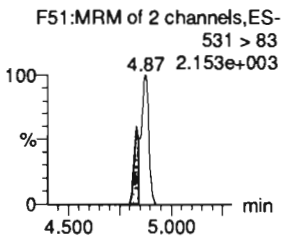
L-PFOS



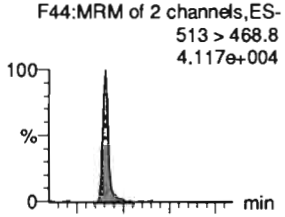


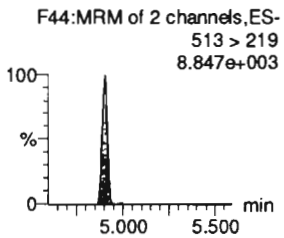
9Cl-PF30NS



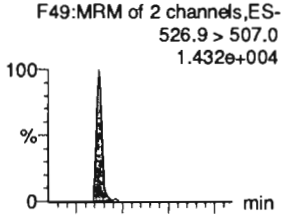


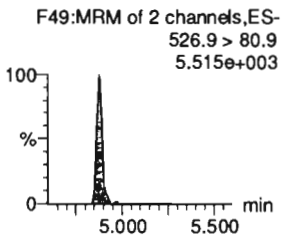
PFDA



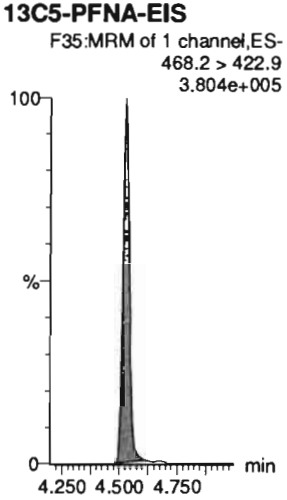


8:2 FTS

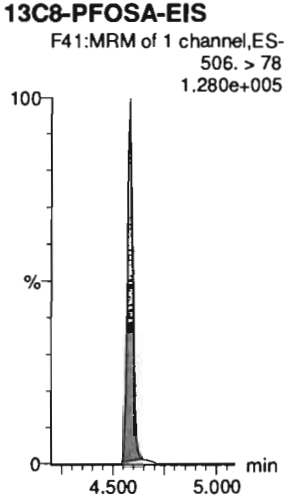




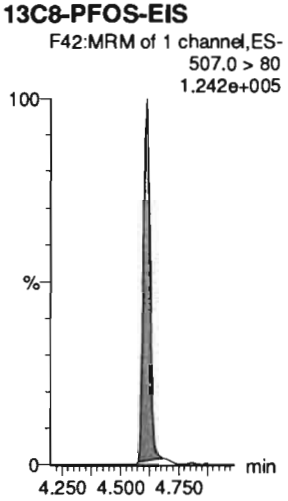
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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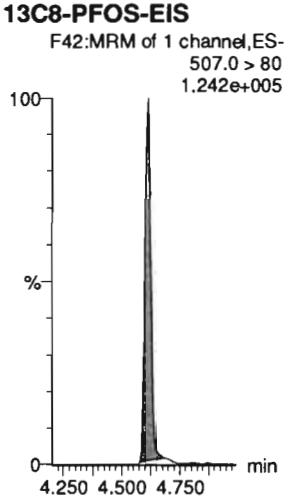

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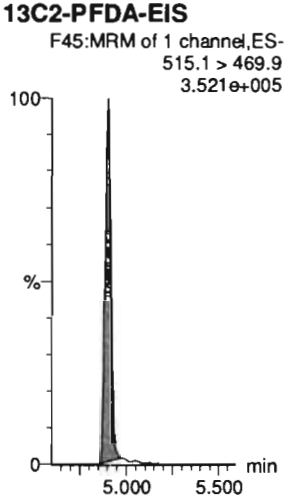
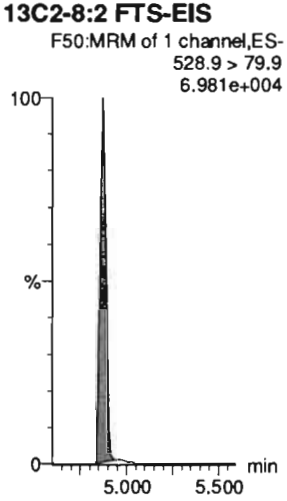


13C2-8:2 FTS-EIS

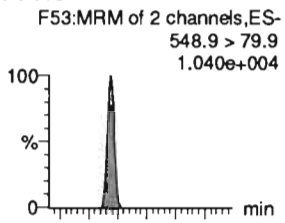


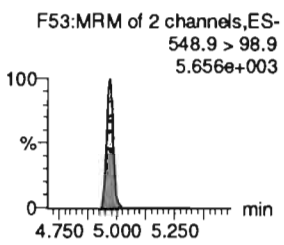
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

PFNS





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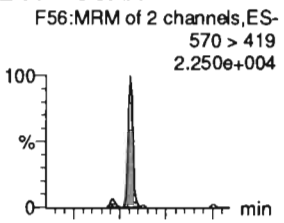

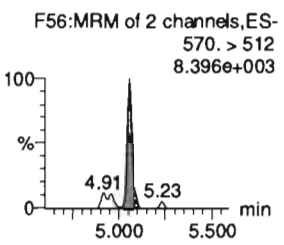

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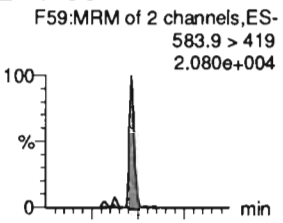
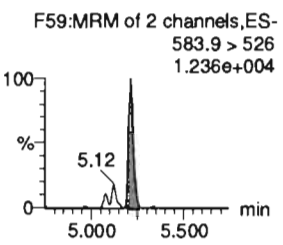
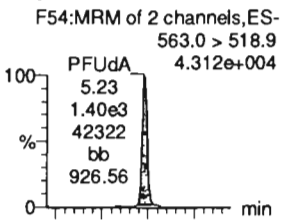
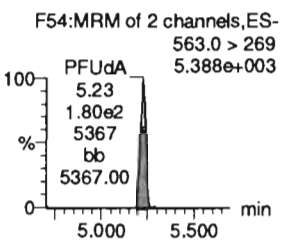




PFUdA





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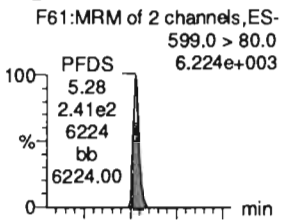

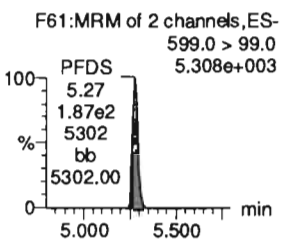

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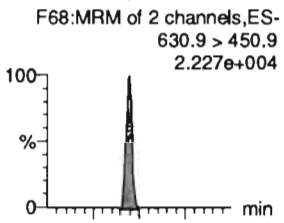
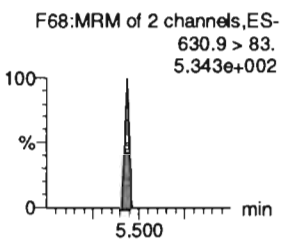
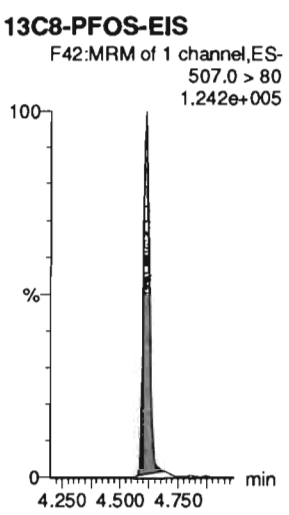
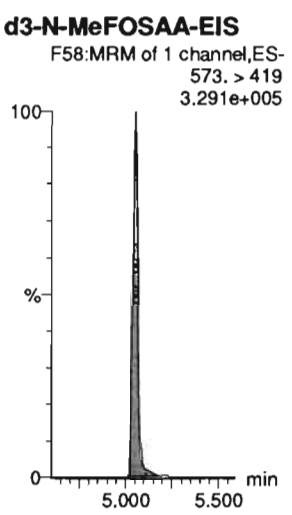




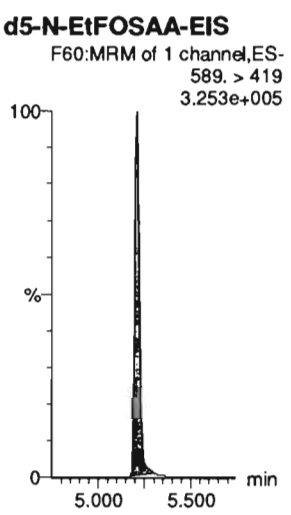
13C8-PFOS-EIS



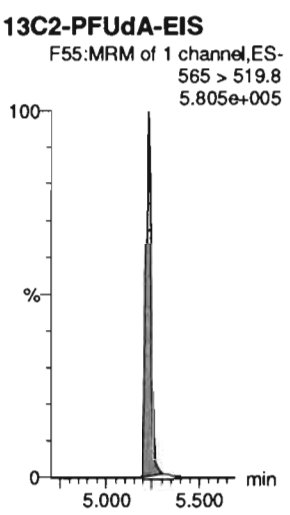
d3-N-MeFOSAA-EIS



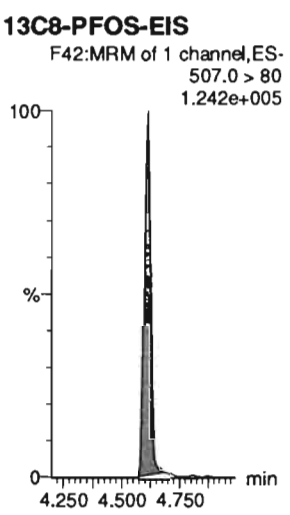
d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



13C8-PFOS-EIS



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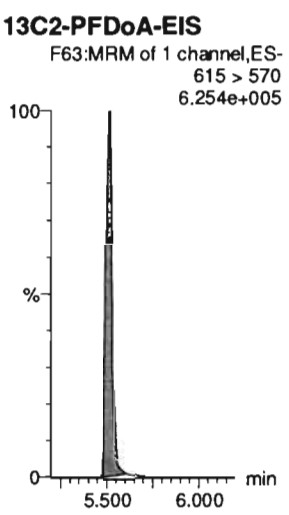

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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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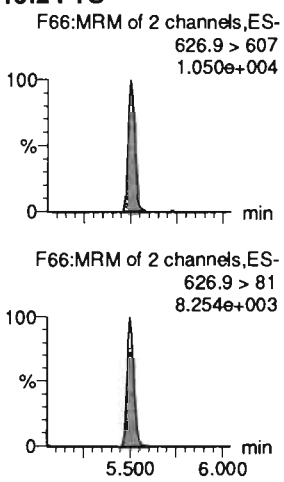
Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

10:2 FTS



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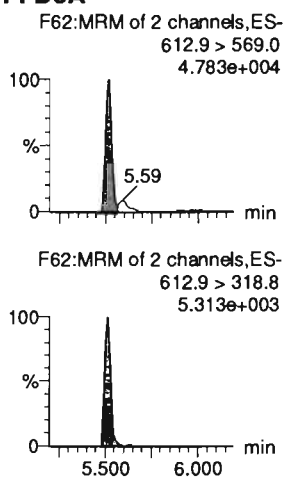

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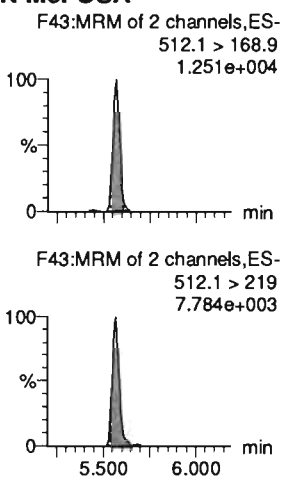
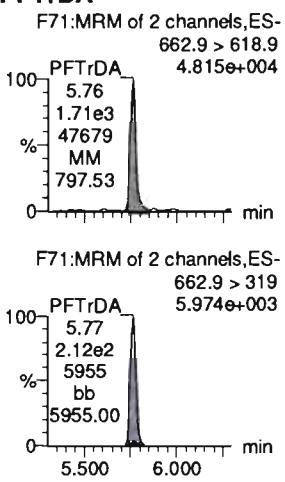
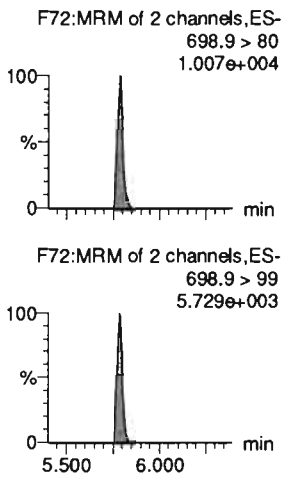


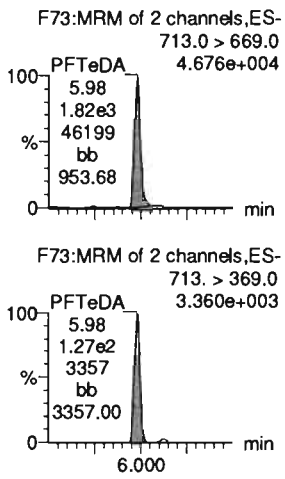
PFTrDA



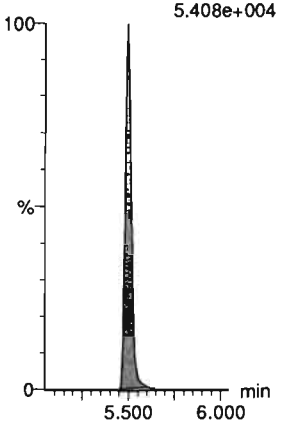
PFDoS



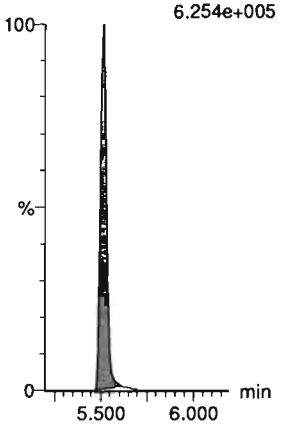
PFTeDA



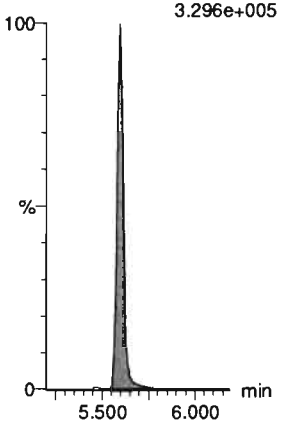
13C2-10:2 FTS-EIS



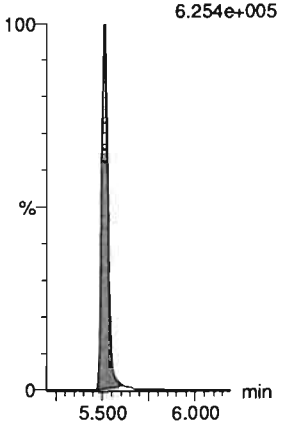
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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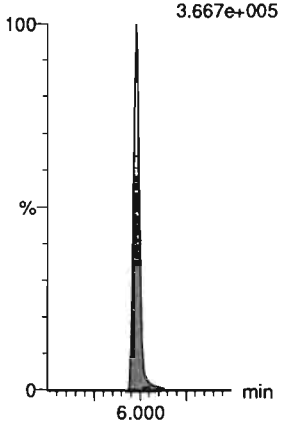

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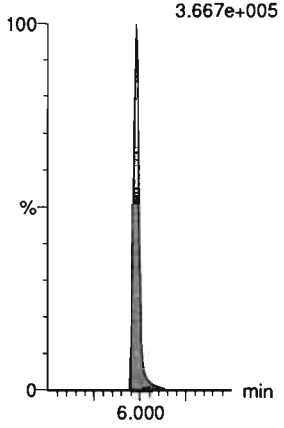

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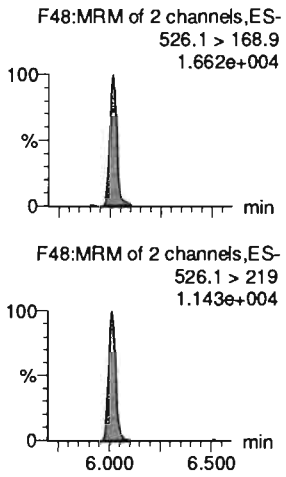
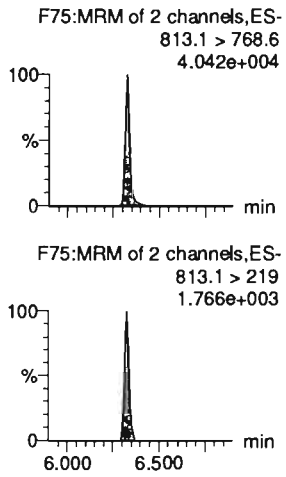
Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

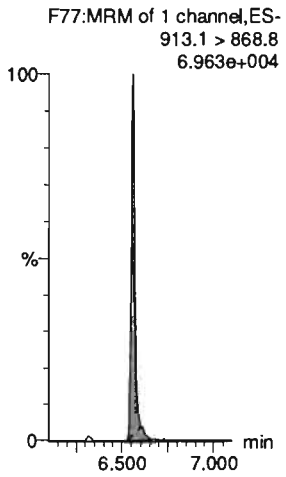
N-EtFOSA



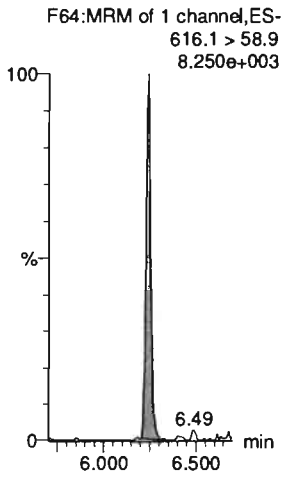
PFHxDA



PFODA



N-MeFOSE



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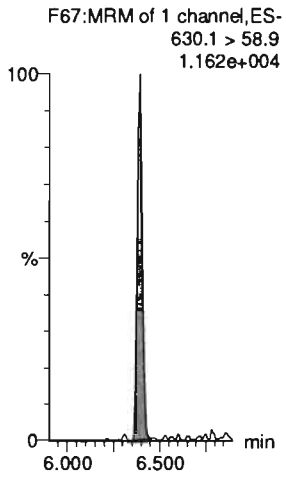

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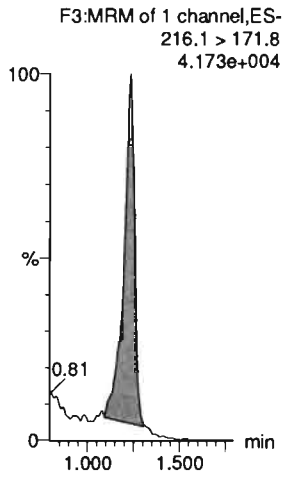
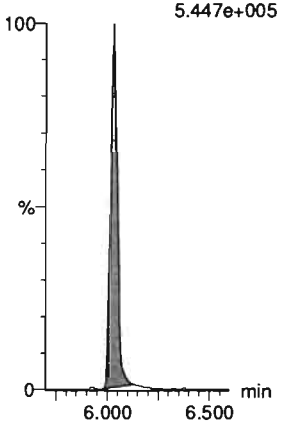
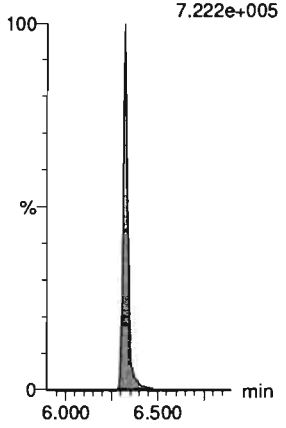


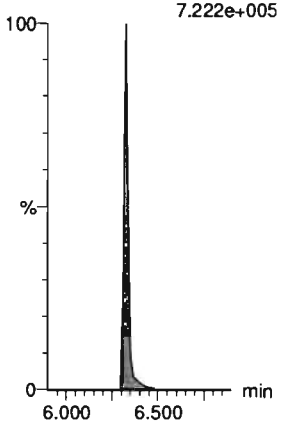
d5-N-ETFOSA-EIS



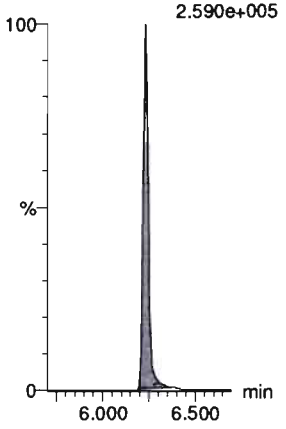
13C2-PFHxDA-EIS



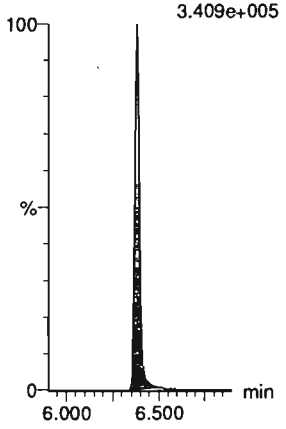
13C2-PFHxDA-EIS



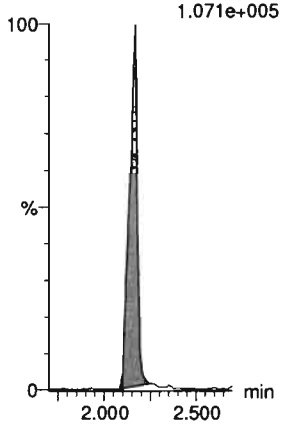
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

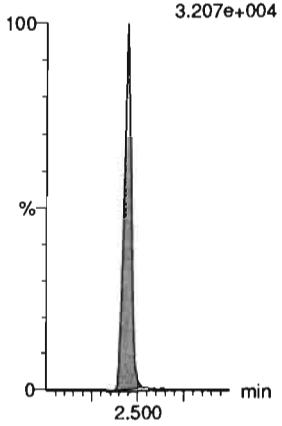


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

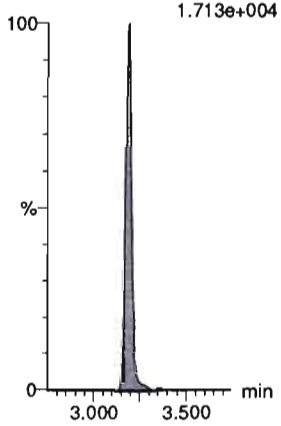
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

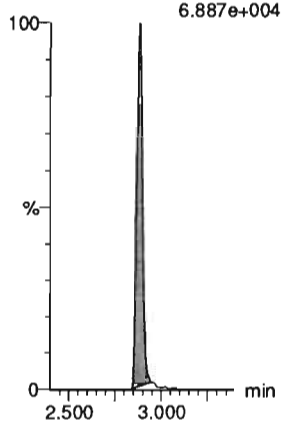
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.207e+004



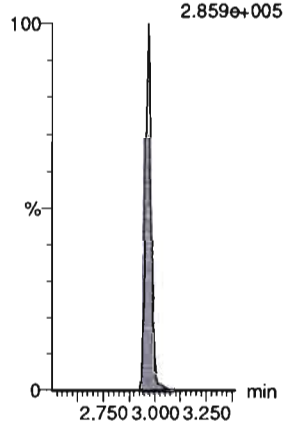
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.713e+004



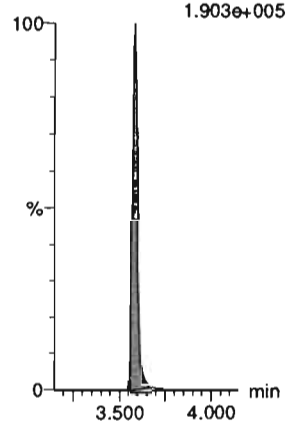
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.887e+004



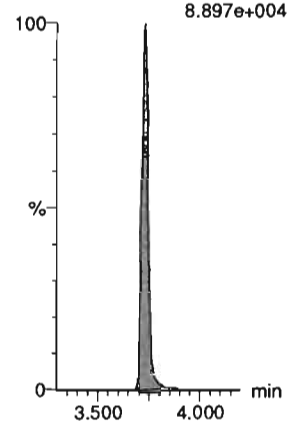
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.859e+005



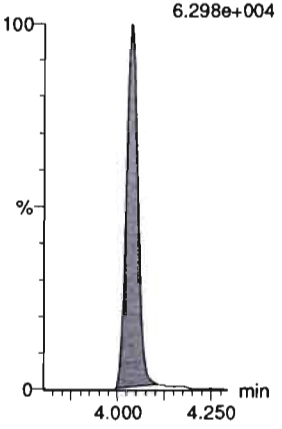
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.903e+005



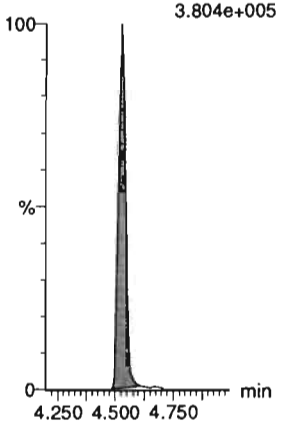
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.897e+004



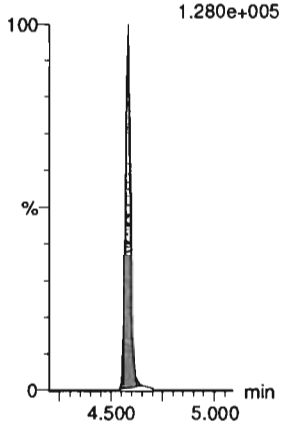
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.298e+004



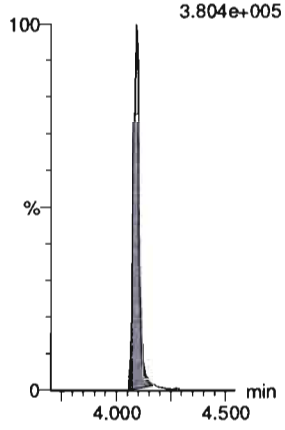
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.804e+005



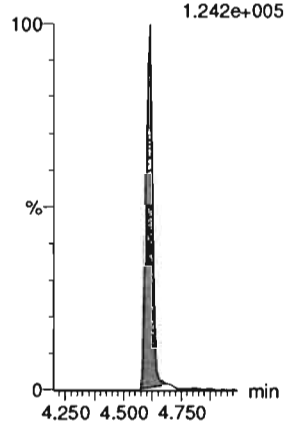
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.280e+005



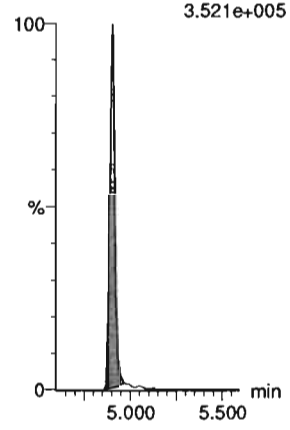
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.804e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.242e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.521e+005

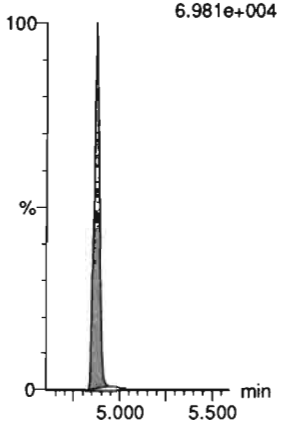


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

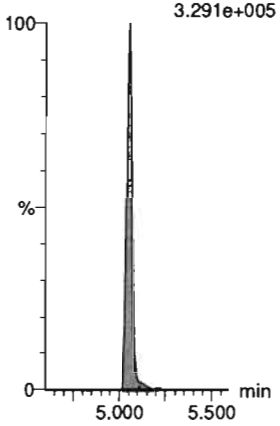
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

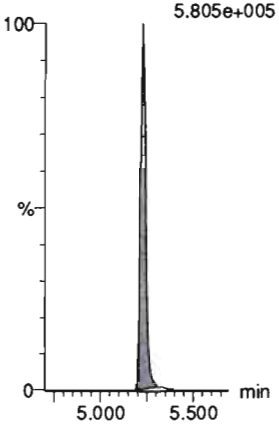
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
6.981e+004



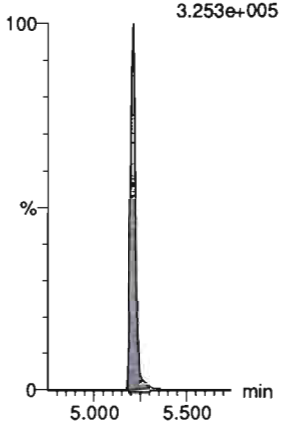
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.291e+005



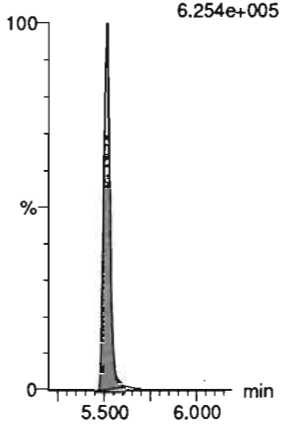
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.805e+005



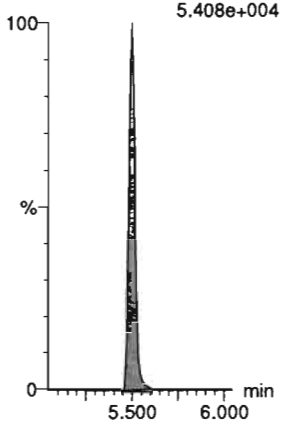
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.253e+005



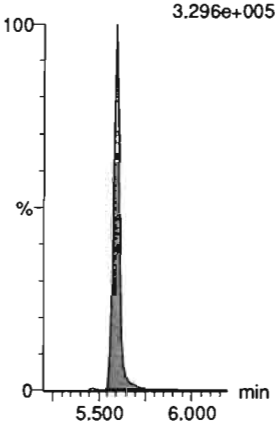
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.254e+005



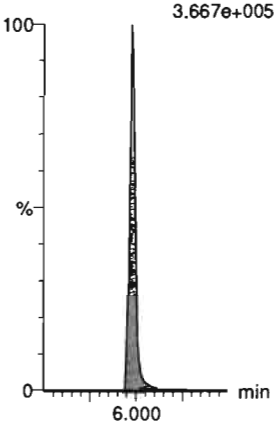
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.408e+004



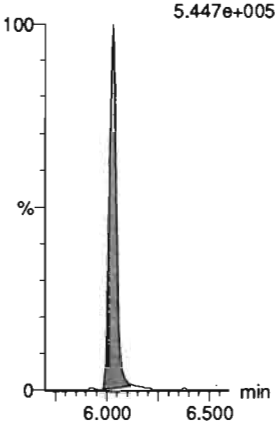
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.296e+005



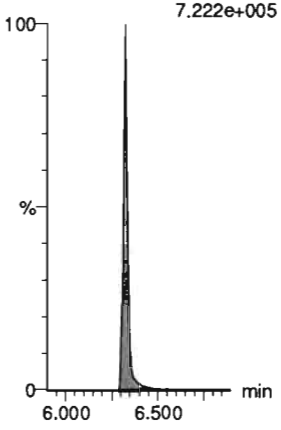
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.667e+005



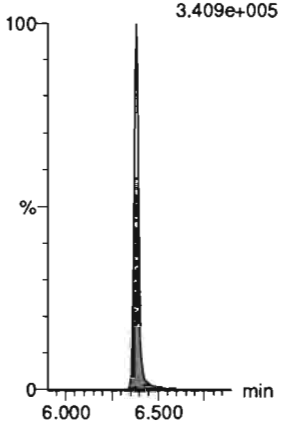
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.447e+005



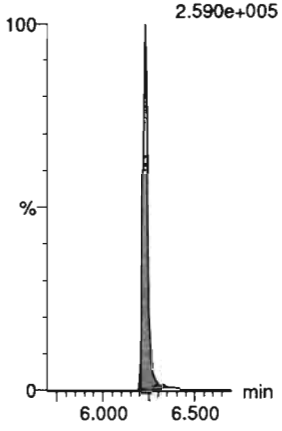
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.222e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.409e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.590e+005

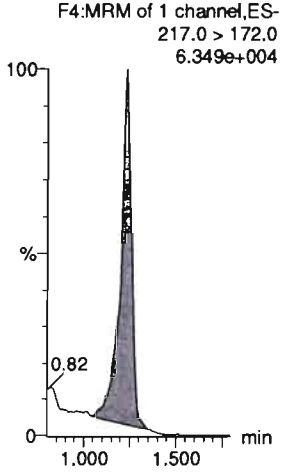


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

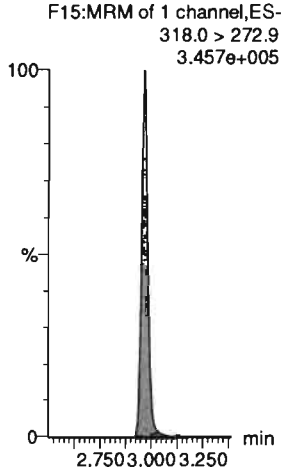
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_6, Date: 23-Jun-2020, Time: 12:55:28, ID: ST200623M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

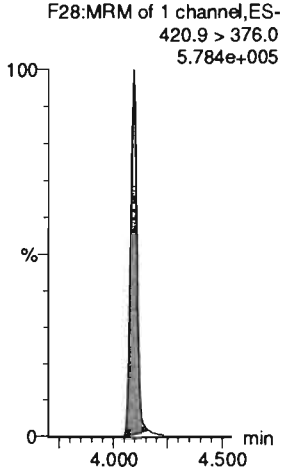
13C4-PFBA



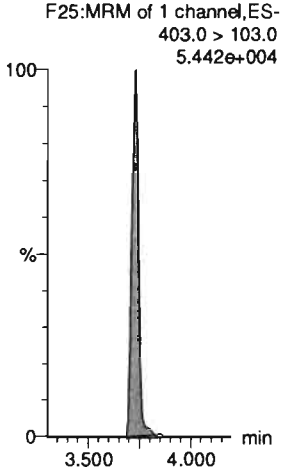
13C5-PFHxA



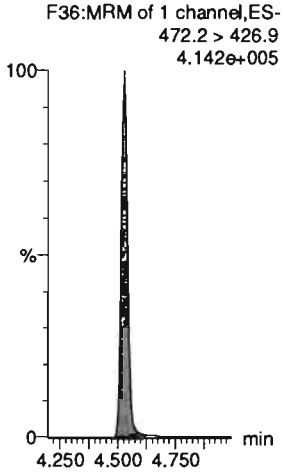
13C8-PFOA



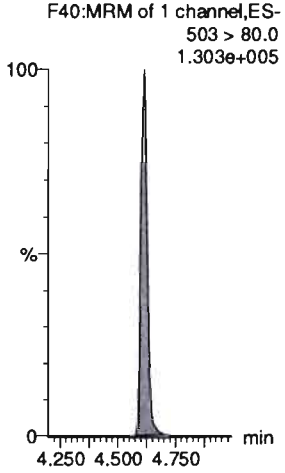
18O2-PFHxS



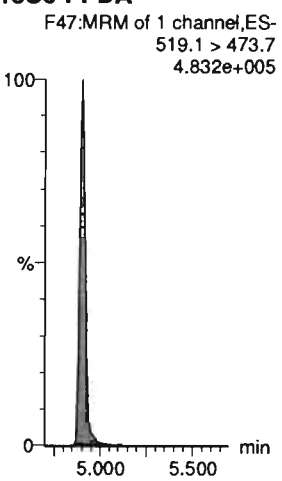
13C9-PFNA



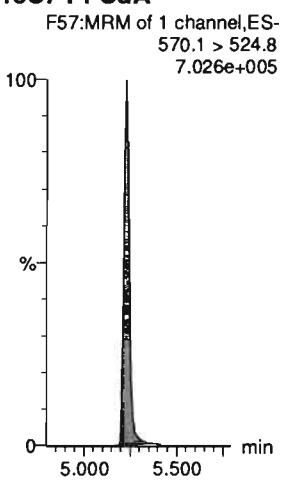
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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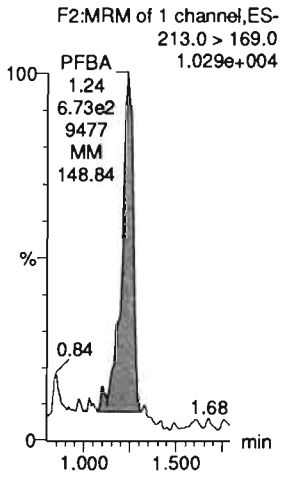
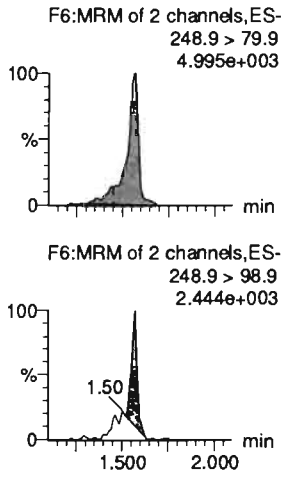
Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

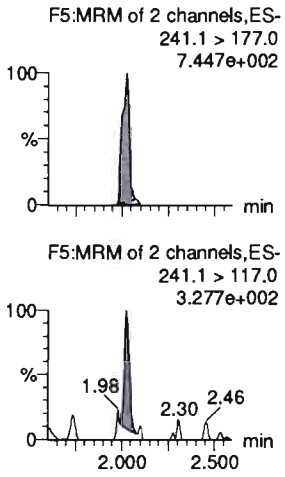
PFBA



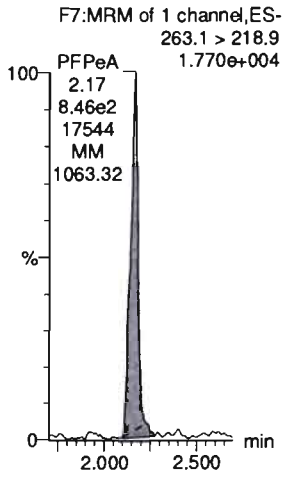
PFPrS



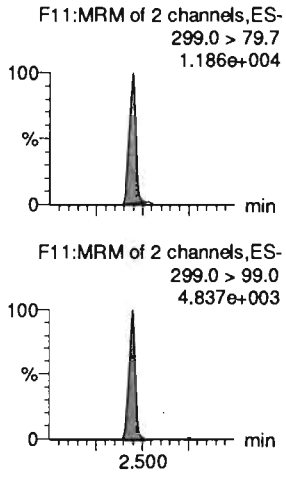
3:3 FTCA



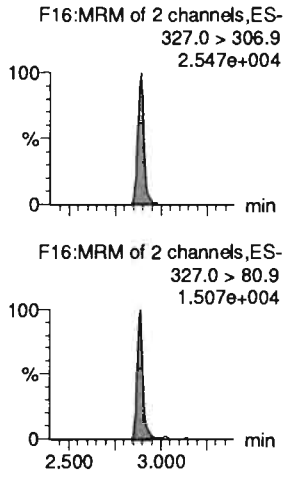
PFPeA



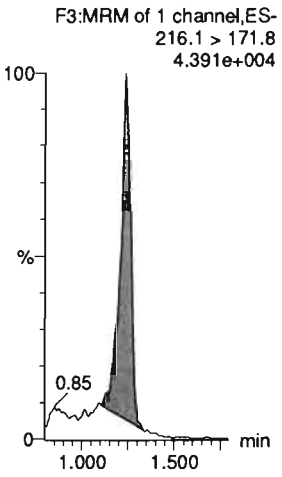
PFBS



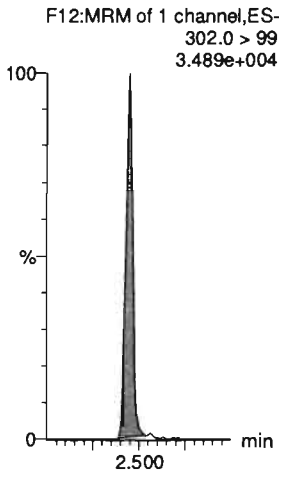
4:2 FTS



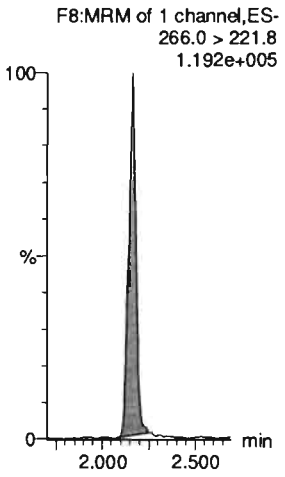
13C3-PFBA-EIS



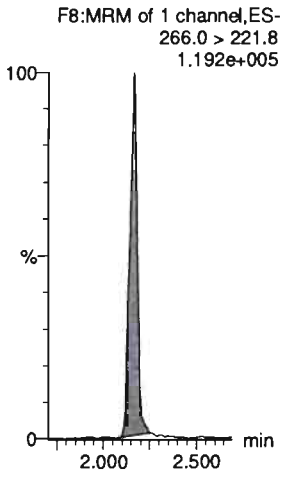
13C3-PFBS-EIS



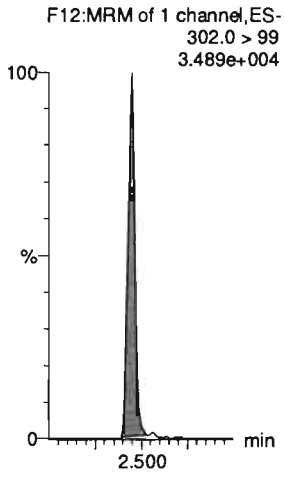
13C3-PFPeA-EIS



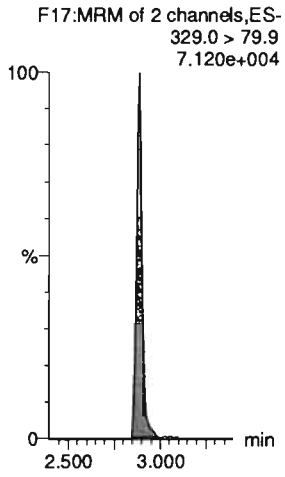
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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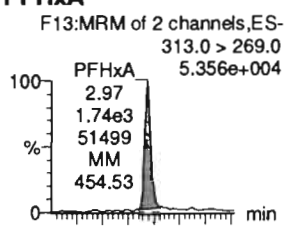
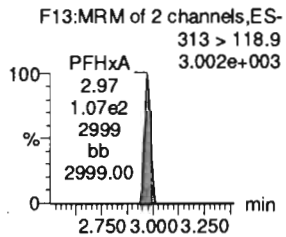
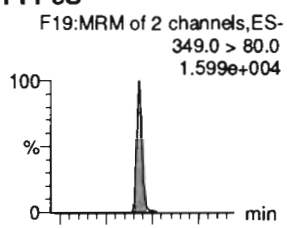
Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

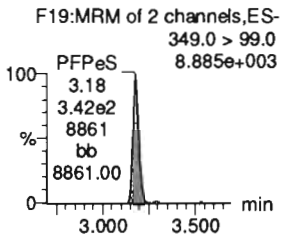
PFHxA





PFPeS





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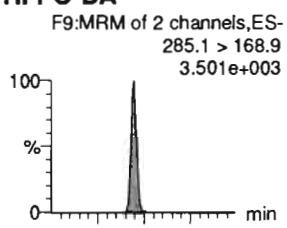
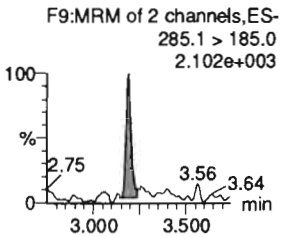
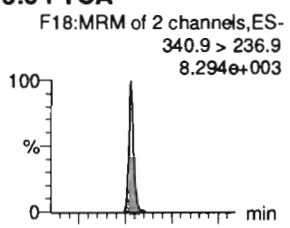
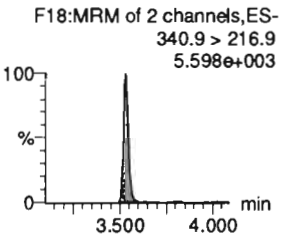


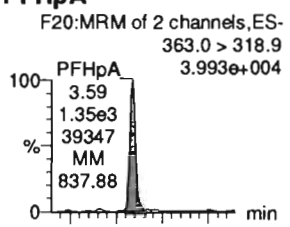


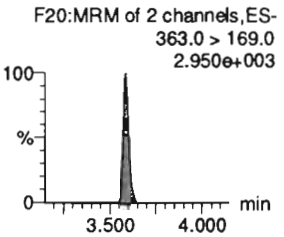
5:3 FTCA



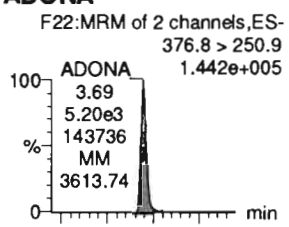


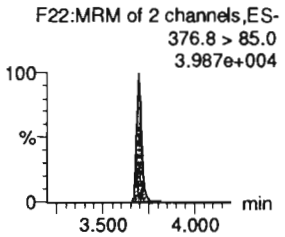
PFHpA



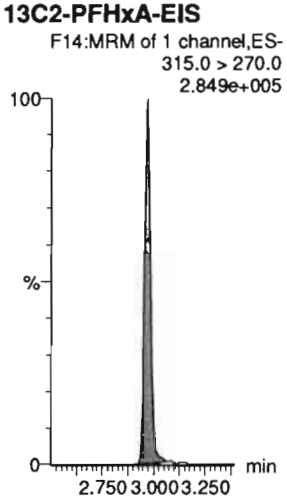


ADONA

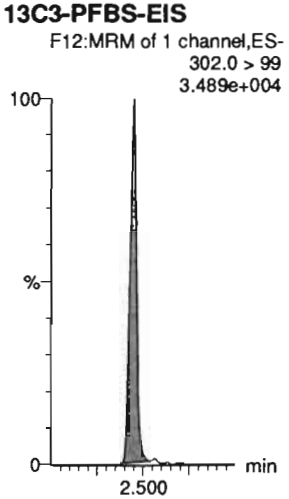




13C2-PFHxA-EIS



13C3-PFBS-EIS



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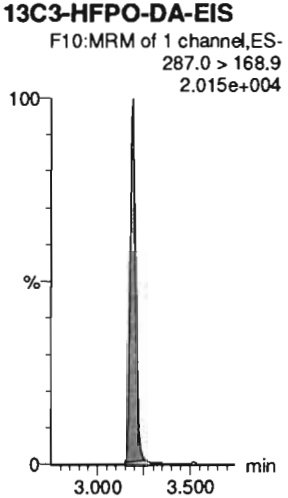
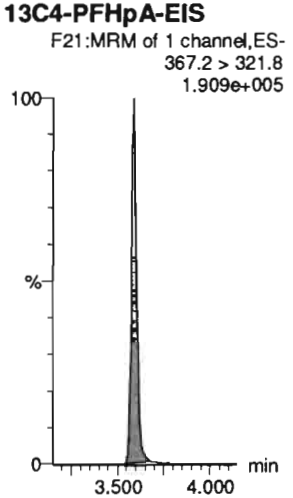


13C4-PFHpA-EIS



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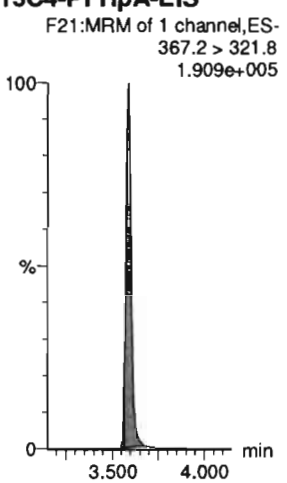

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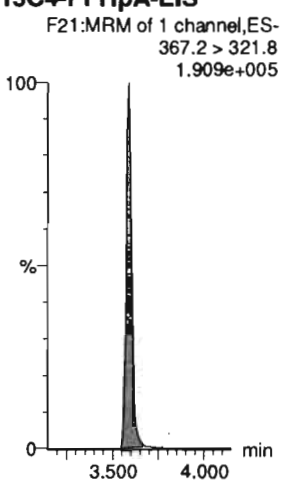

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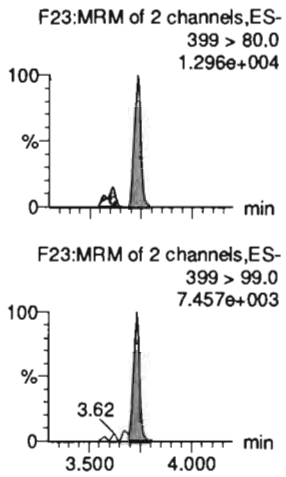
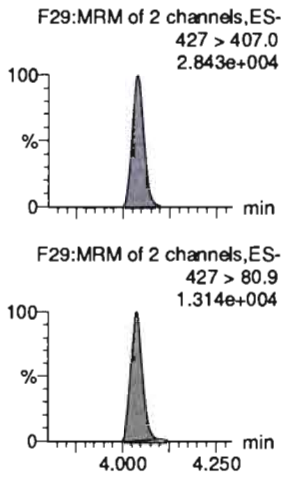
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

L-PFHxS



6:2 FTS



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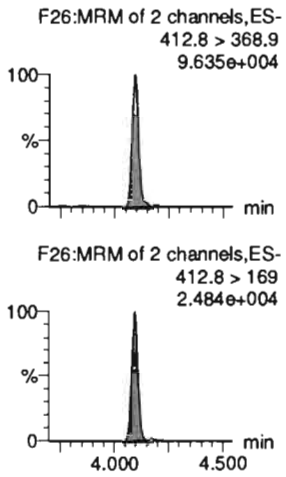

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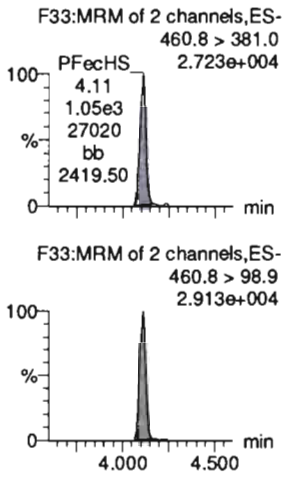

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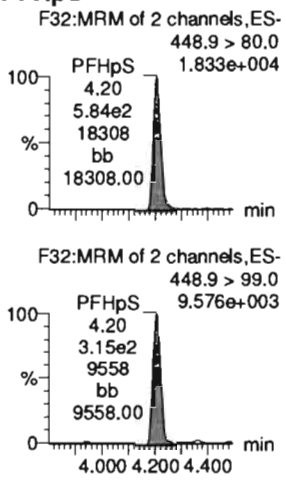
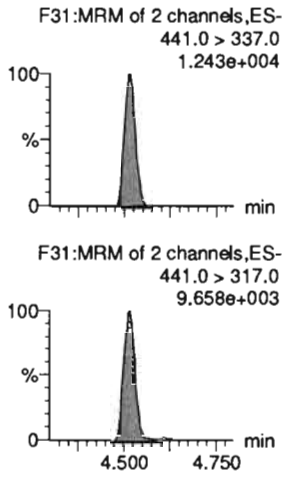
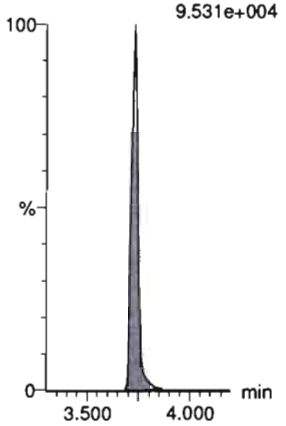


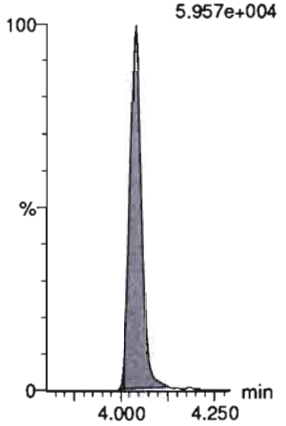
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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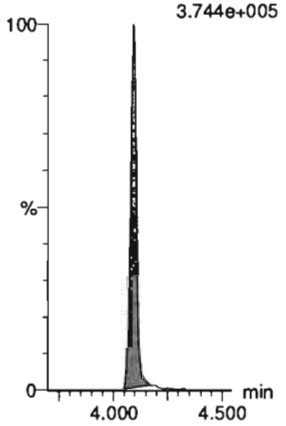

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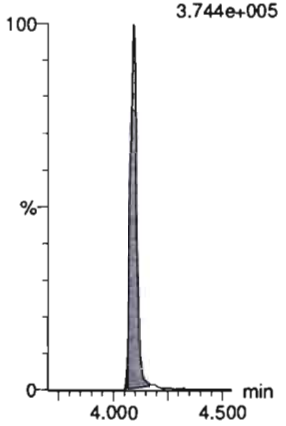
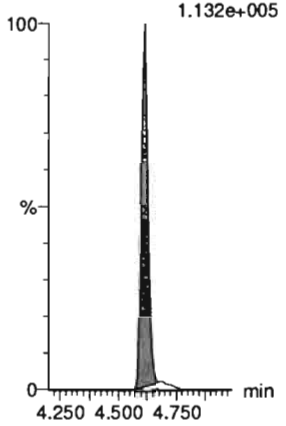
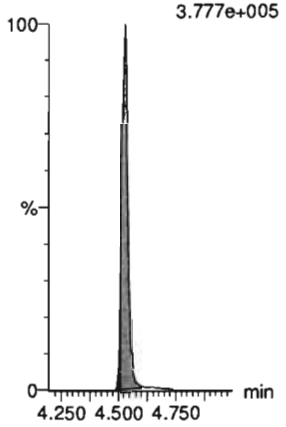


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

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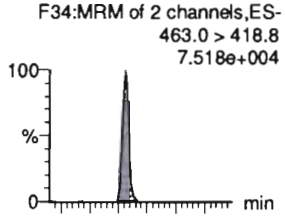
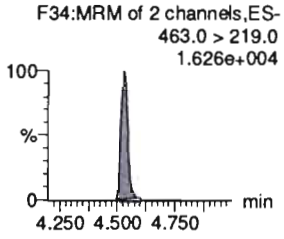
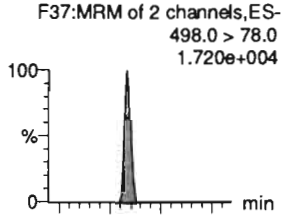
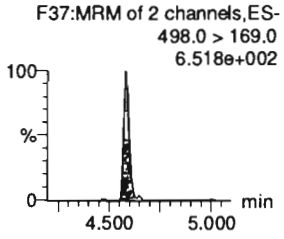


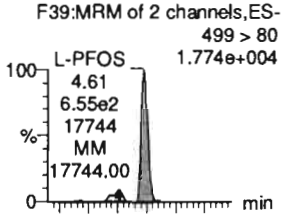


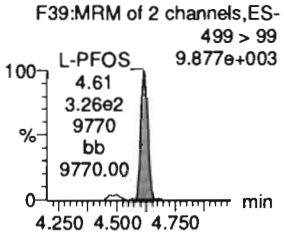
PFOSA





L-PFOS





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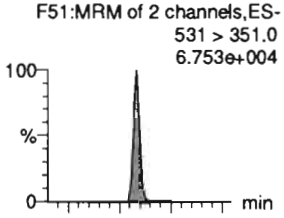

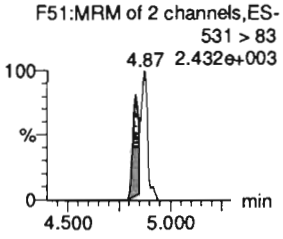

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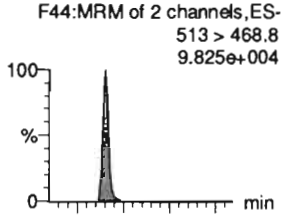
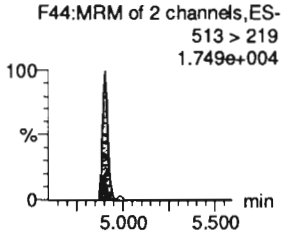
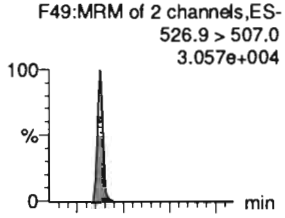
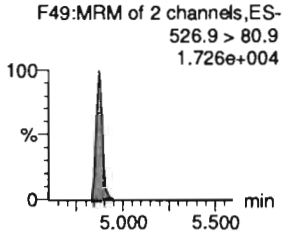


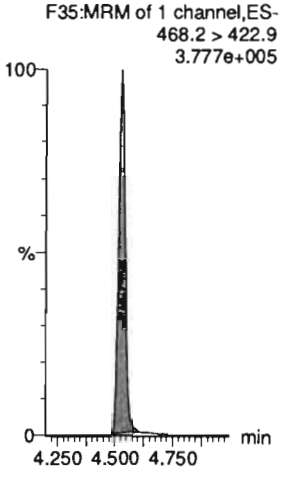


8:2 FTS

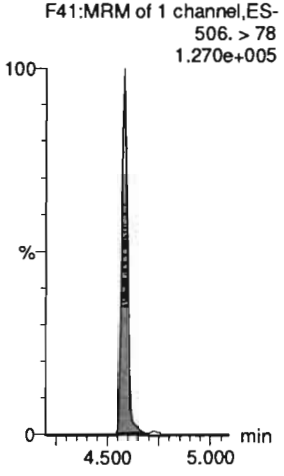




13C5-PFNA-EIS



13C8-PFOSA-EIS



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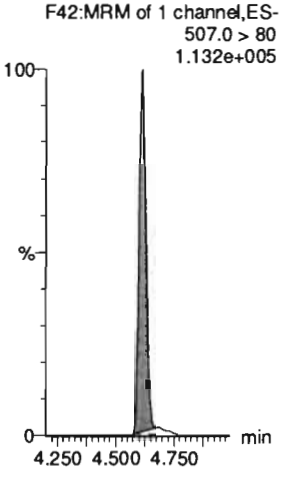

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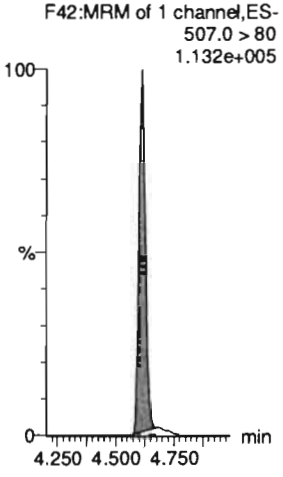
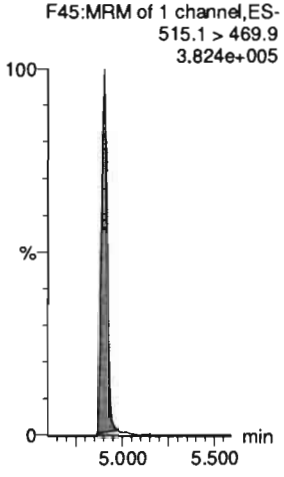
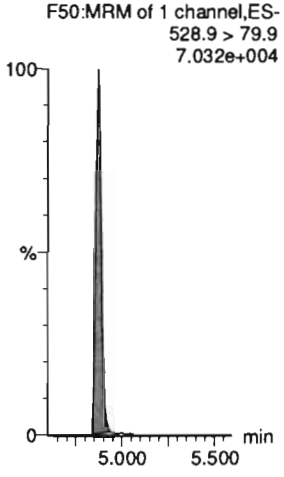


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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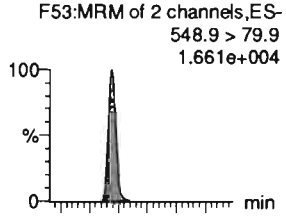
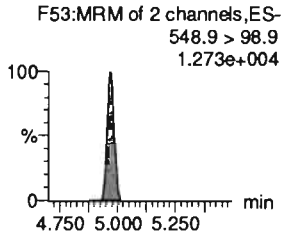
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

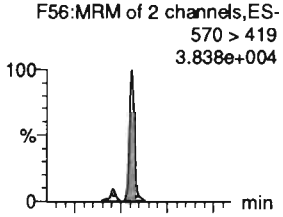
Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

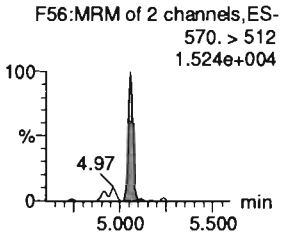
PFNS





L-MeFOSAA





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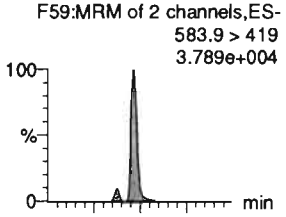
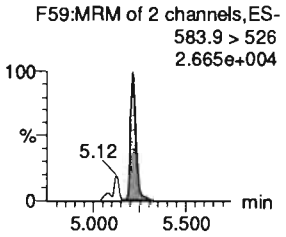
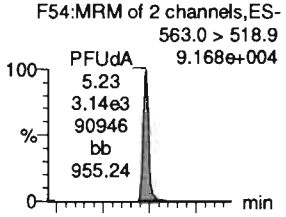
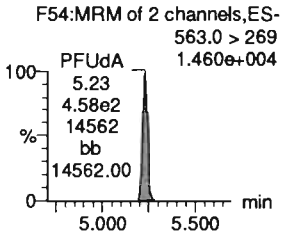


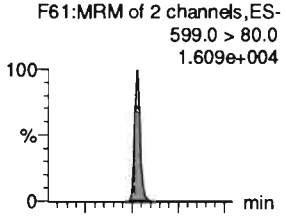


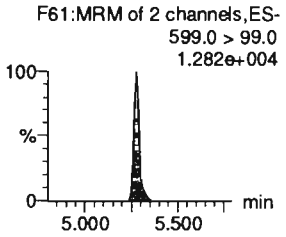
PFUdA



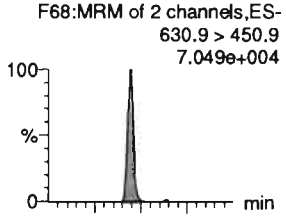


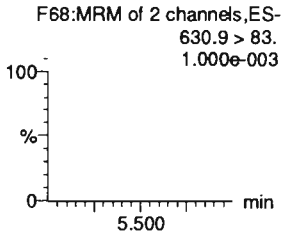
PFDS



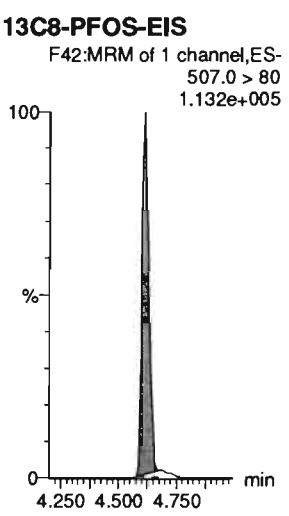


11Cl-PF30UdS

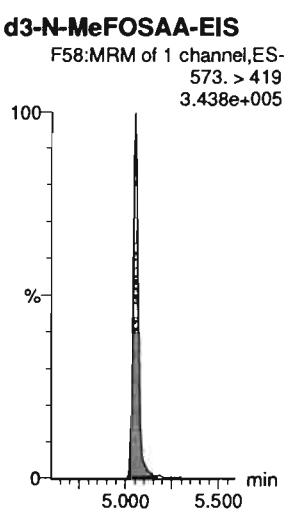




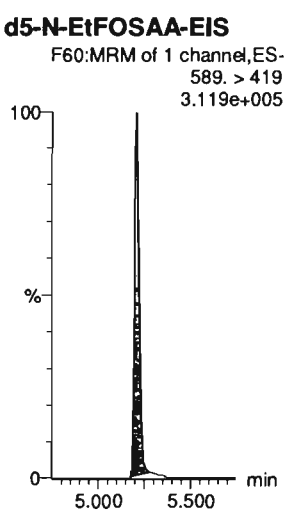
13C8-PFOS-EIS



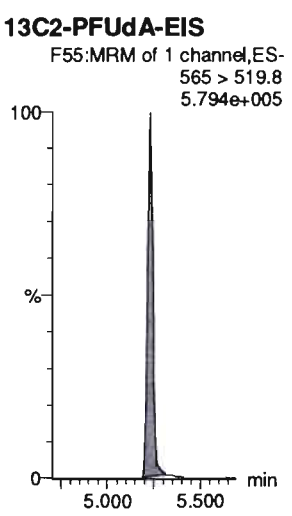
d3-N-MeFOSAA-EIS



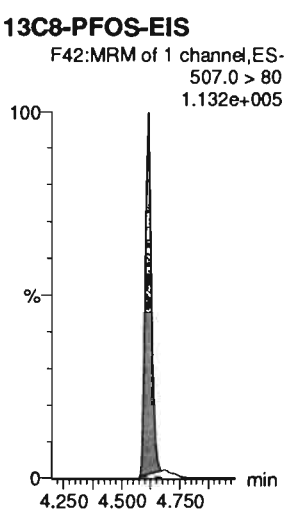
d5-N-EtFOSAA-EIS



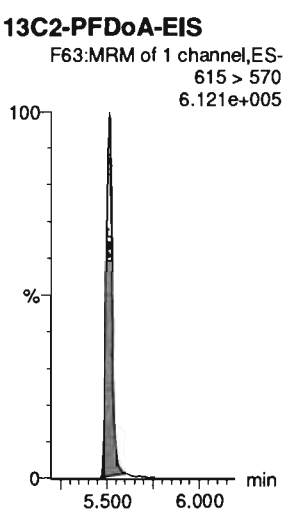
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

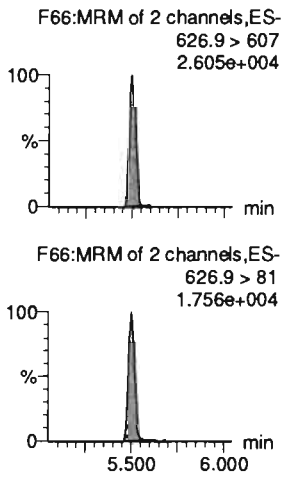


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

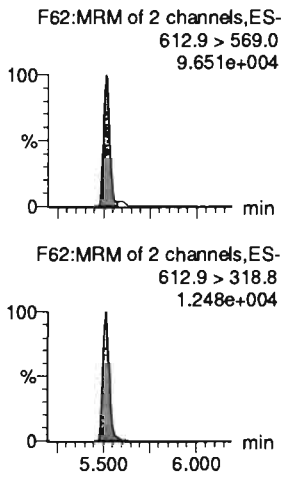
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

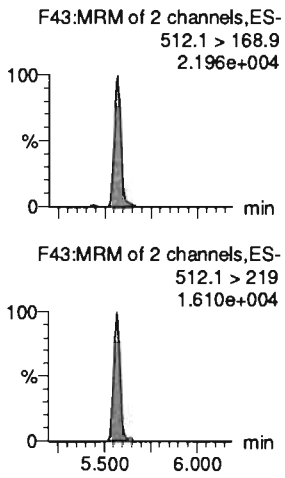
10:2 FTS



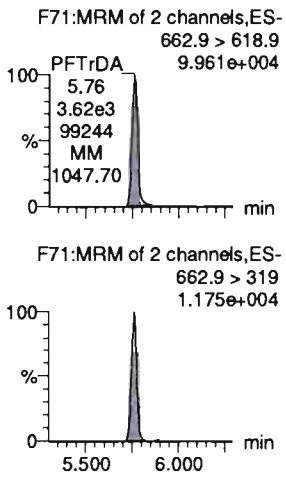
PFDoA



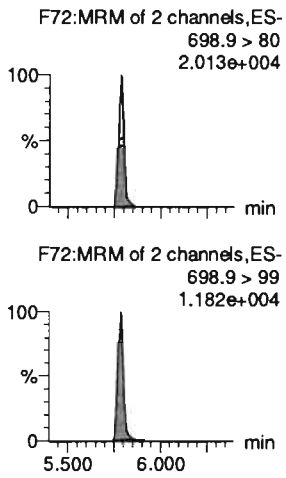
N-MeFOSA



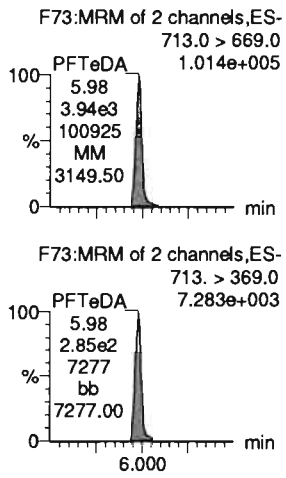
PFTrDA



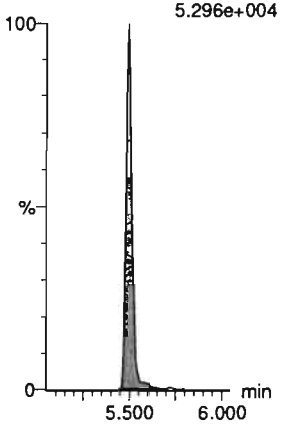
PFDoS



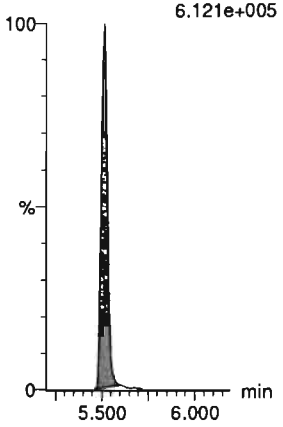
PFTeDA



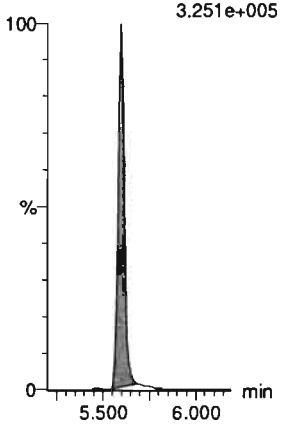
13C2-10:2 FTS-EIS



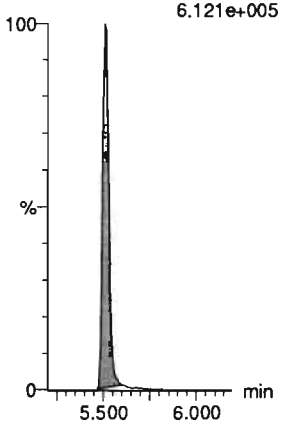
13C2-PFDoA-EIS



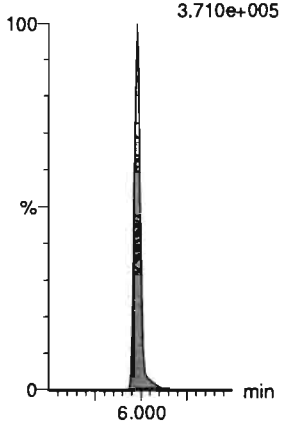
d3-N-MeFOSA-EIS



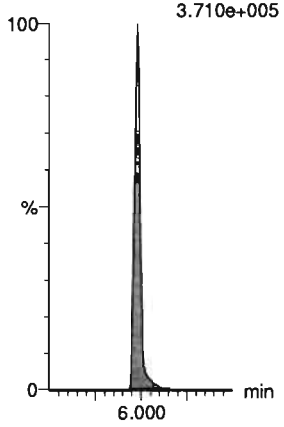
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

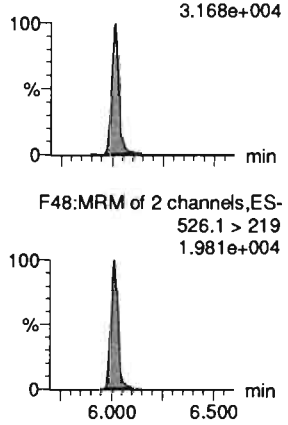


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

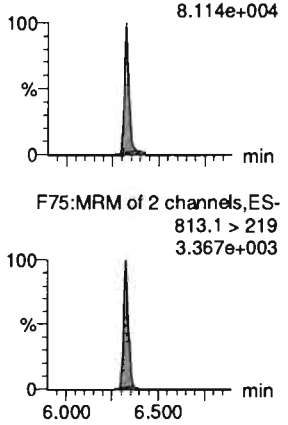
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

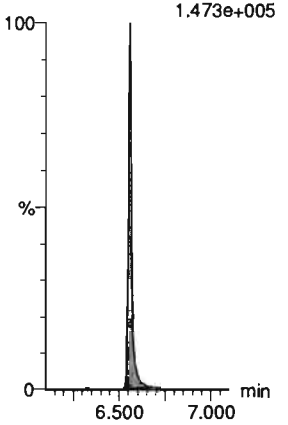
N-EtFOSA



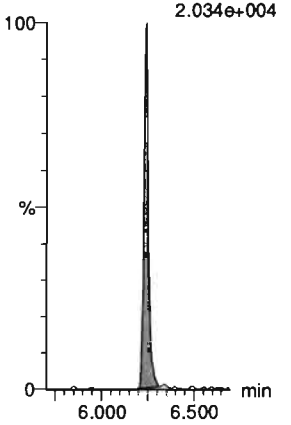
PFHxDA



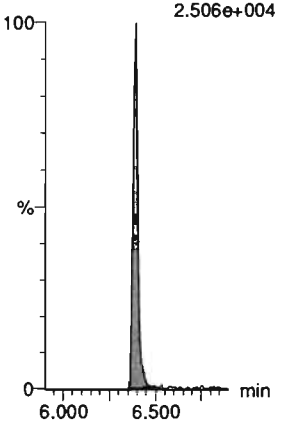
PFODA



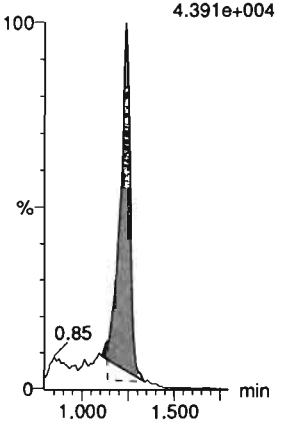
N-MeFOSE



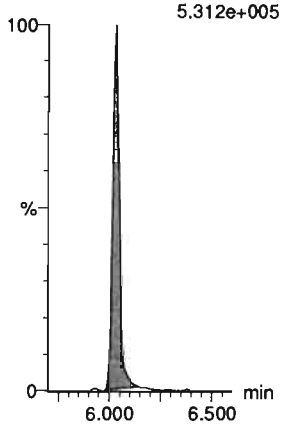
N-EtFOSE



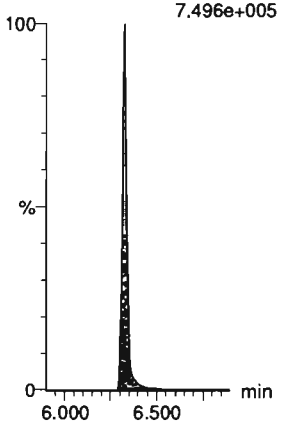
13C3-PFBA-RSD



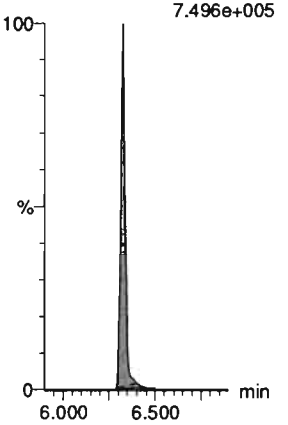
d5-N-ETFOSA-EIS



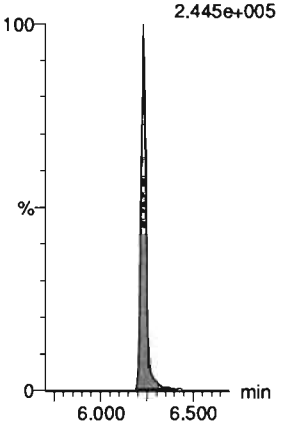
13C2-PFHxDA-EIS



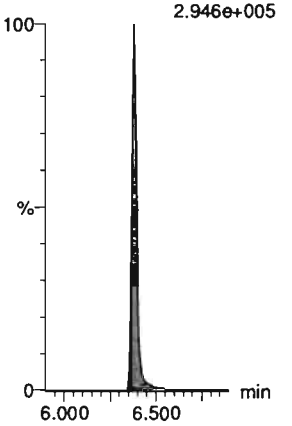
13C2-PFHxDA-EIS



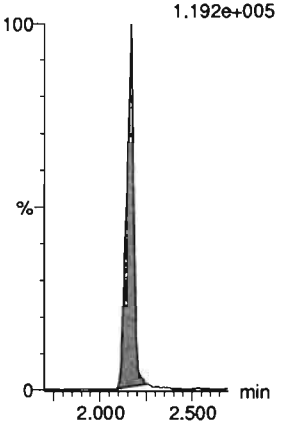
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

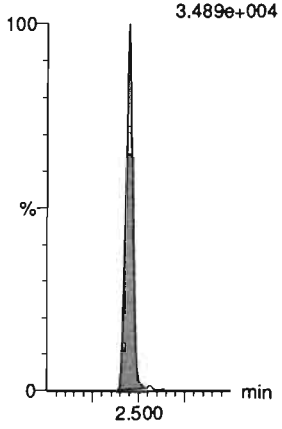


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

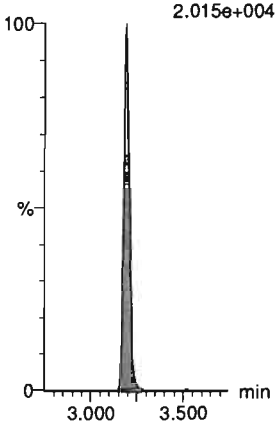
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

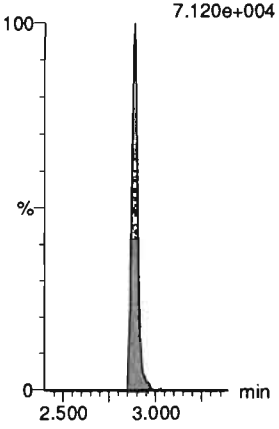
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.489e+004



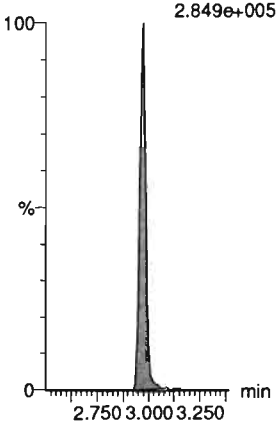
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.015e+004



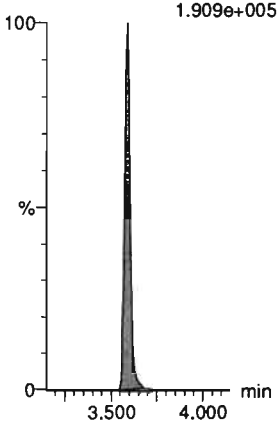
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.120e+004



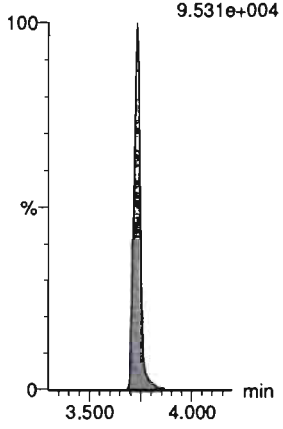
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.849e+005



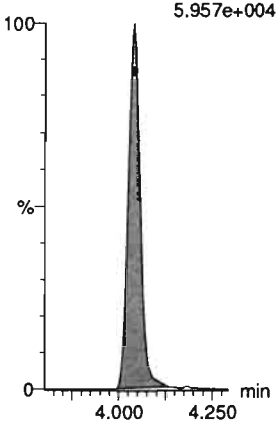
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.909e+005



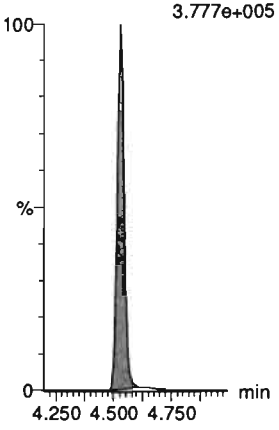
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.531e+004



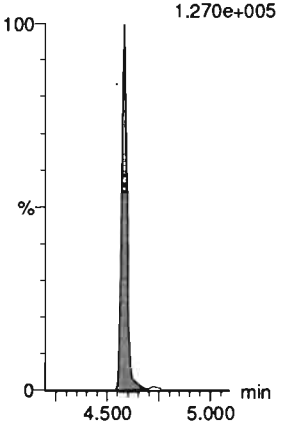
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.957e+004



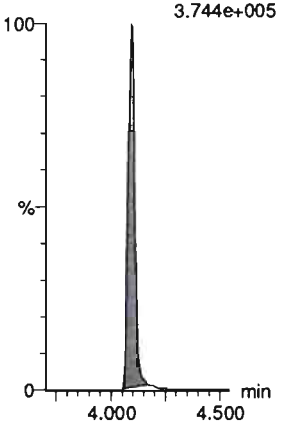
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.777e+005



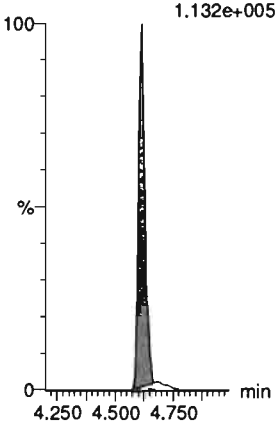
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.270e+005



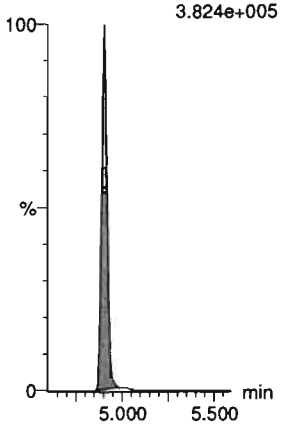
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.744e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.132e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.824e+005

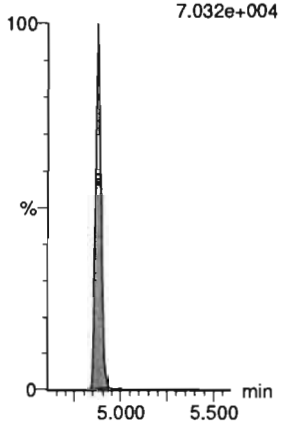


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

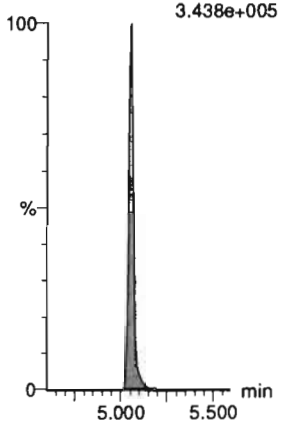
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

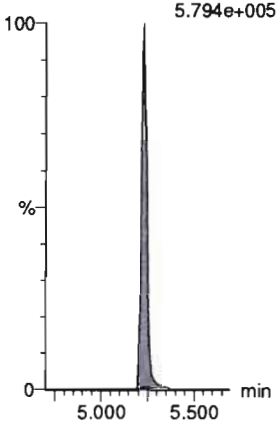
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
7.032e+004



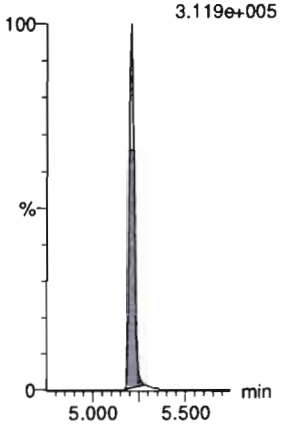
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.438e+005



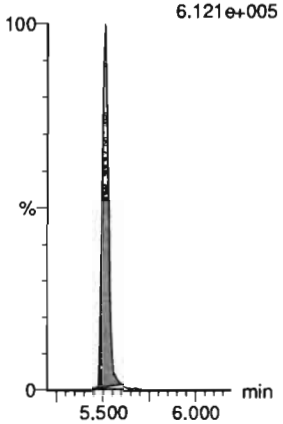
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.794e+005



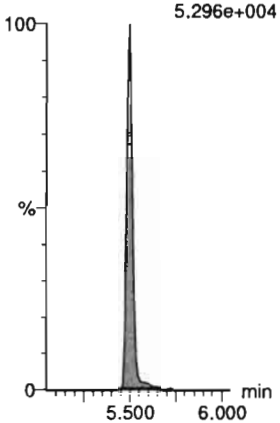
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.119e+005



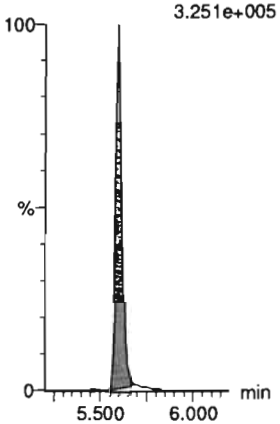
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.121e+005



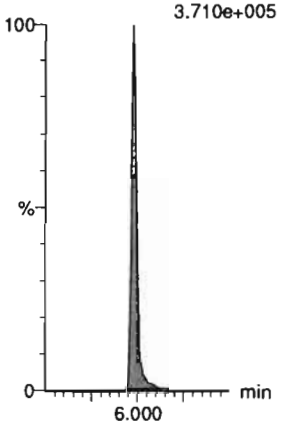
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.296e+004



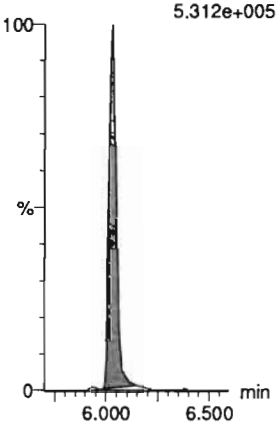
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.251e+005



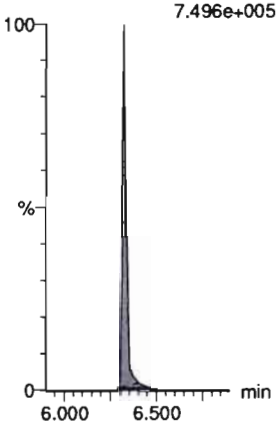
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.710e+005



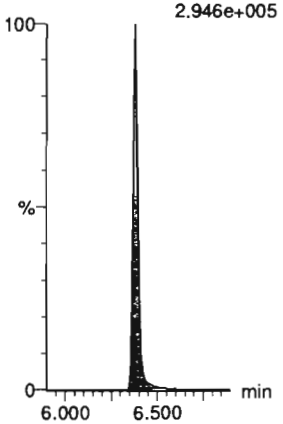
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.312e+005



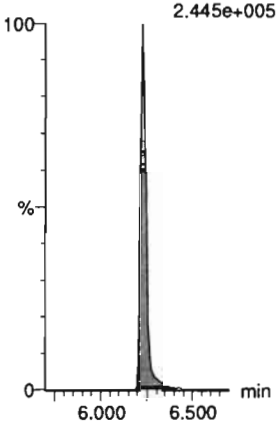
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.496e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.946e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.445e+005

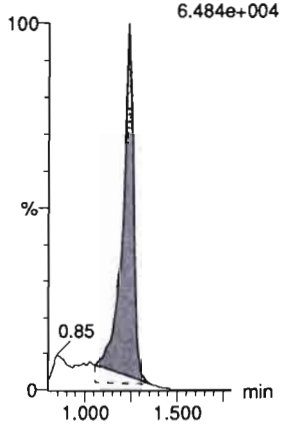


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

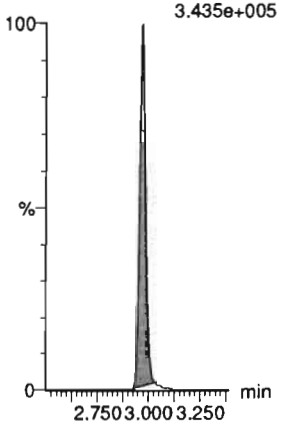
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_7, Date: 23-Jun-2020, Time: 13:05:51, ID: ST200623M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

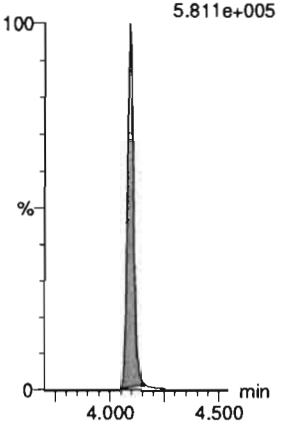
13C4-PFBA



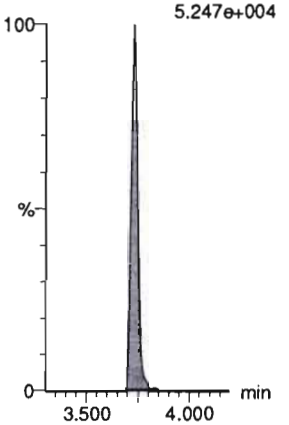
13C5-PFHxA



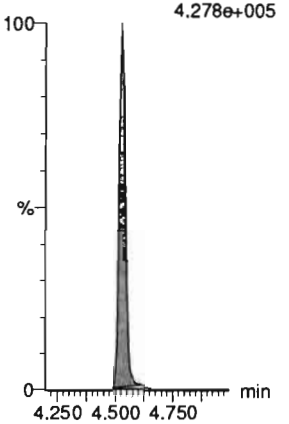
13C8-PFOA



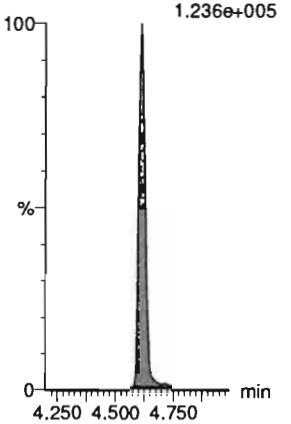
18O2-PFHxS



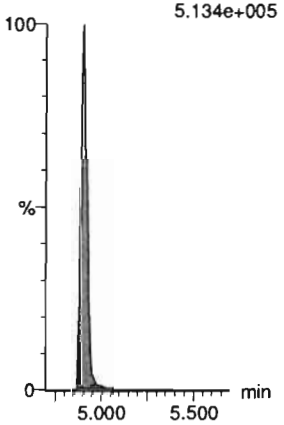
13C9-PFNA



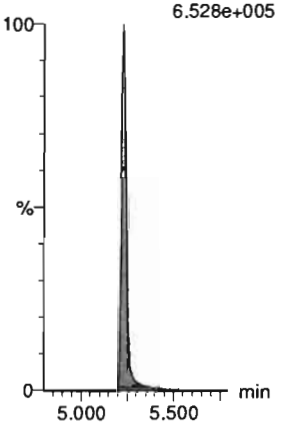
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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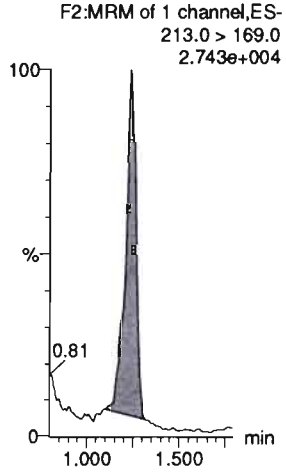
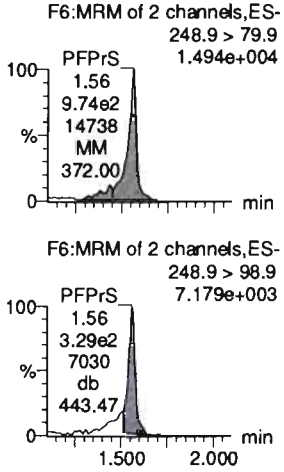
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

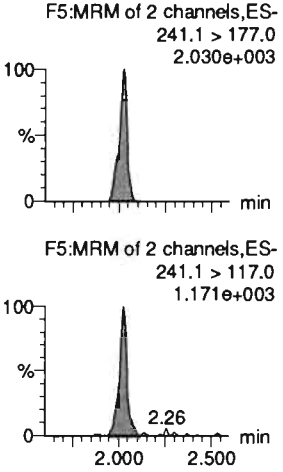
PFBA



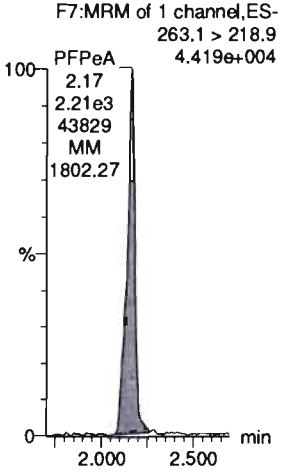
PFPrS



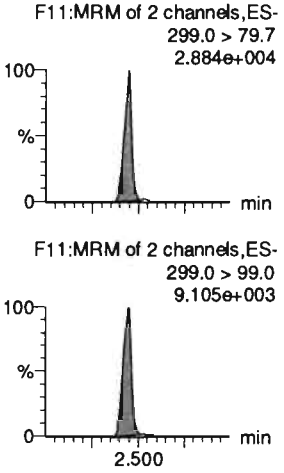
3:3 FTCA



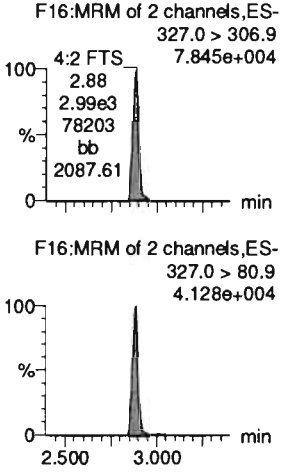
PFPeA



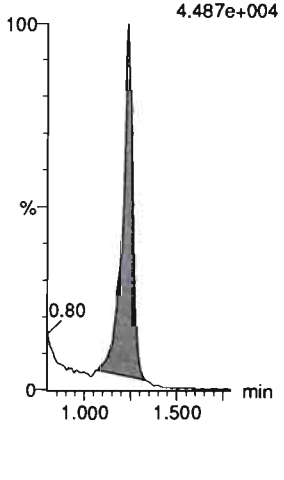
PFBS



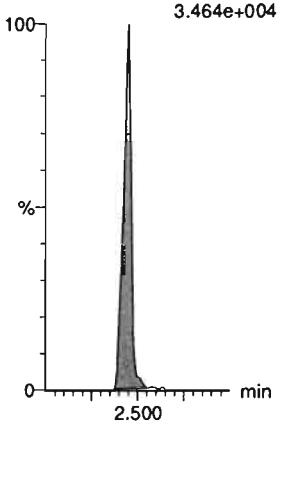
4:2 FTS



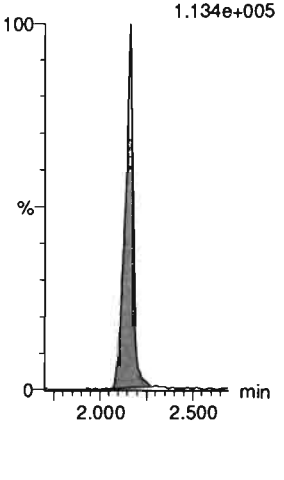
13C3-PFBA-EIS



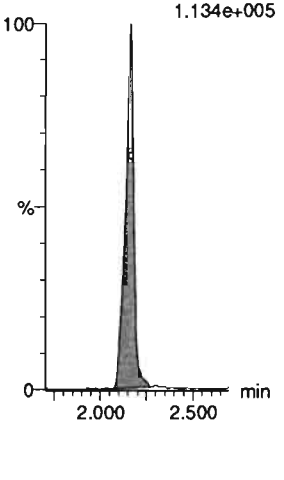
13C3-PFBS-EIS



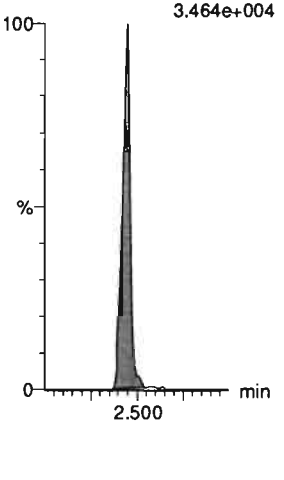
13C3-PFPeA-EIS



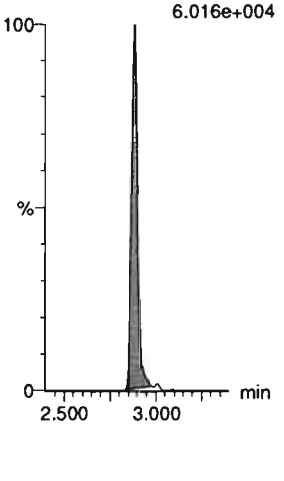
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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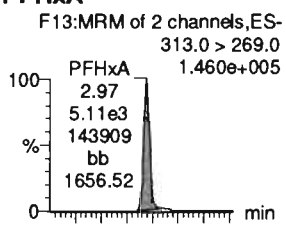
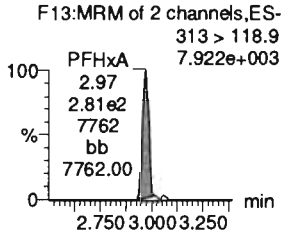
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

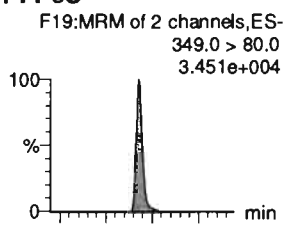
Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

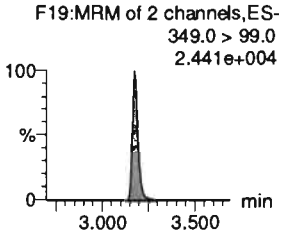
PFHxA



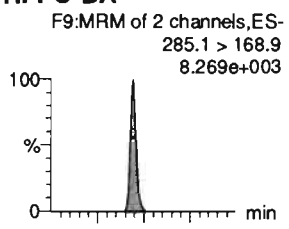


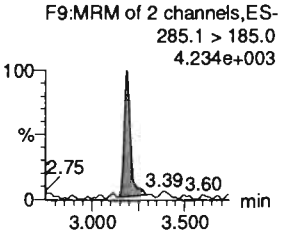
PFPeS



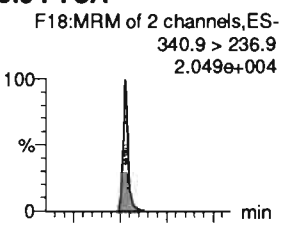


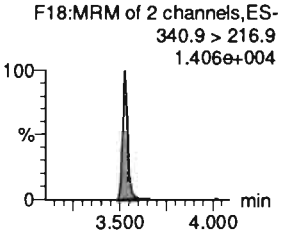
HFPO-DA



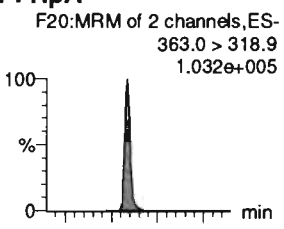


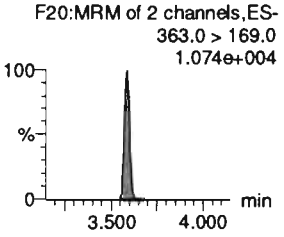
5:3 FTCA



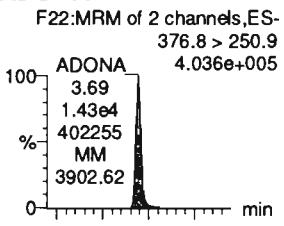


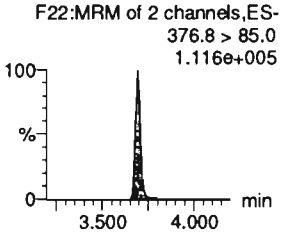
PFHpA



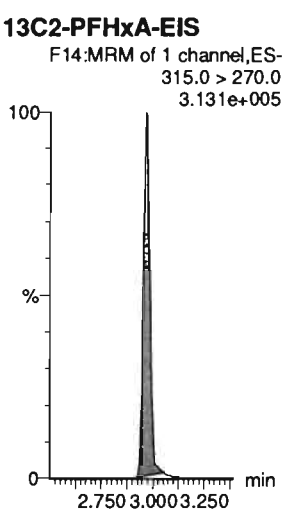


ADONA

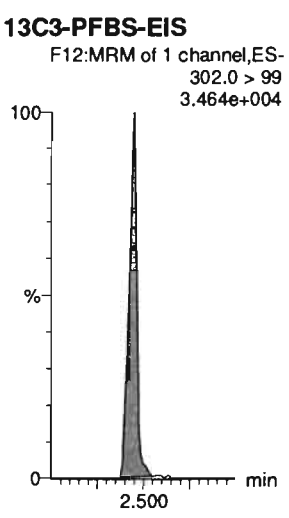




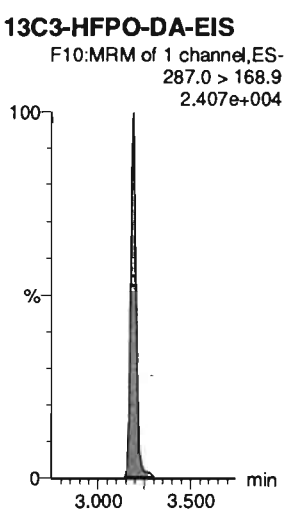
13C2-PFHxA-EIS



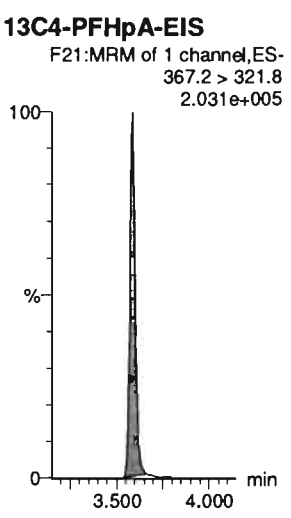
13C3-PFBS-EIS



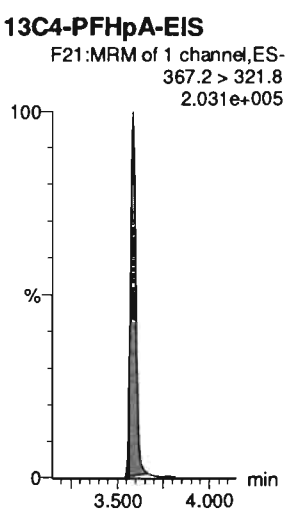
13C3-HFPO-DA-EIS



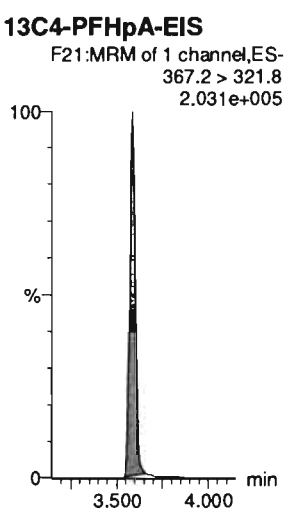
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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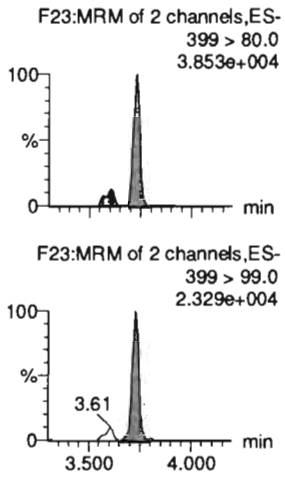
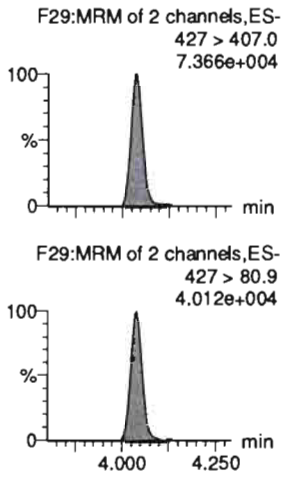
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

L-PFHxS



6:2 FTS



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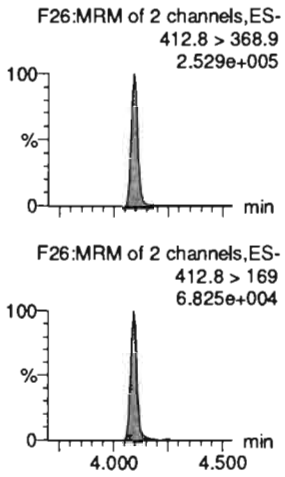

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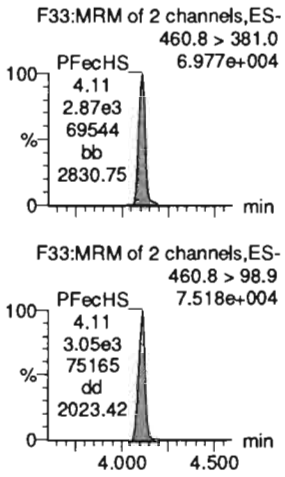
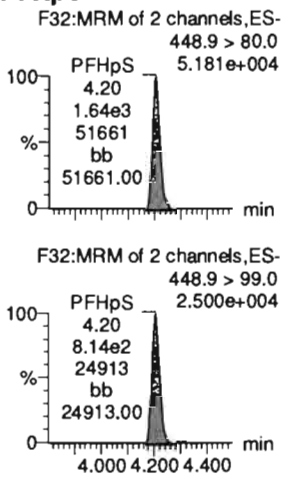
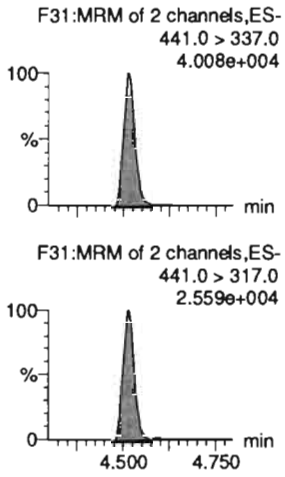


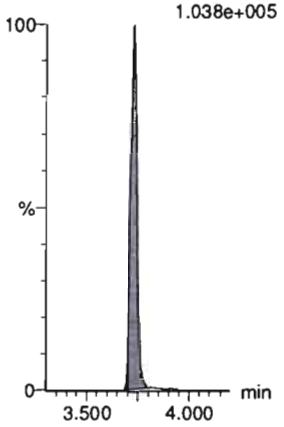
PFHpS



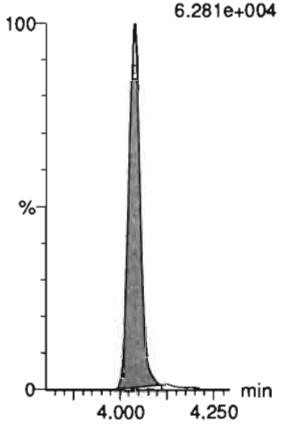
7:3 FTCA



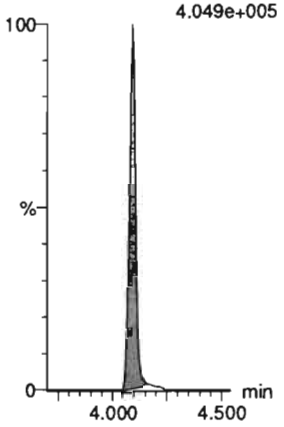
13C3-PFHxS-EIS



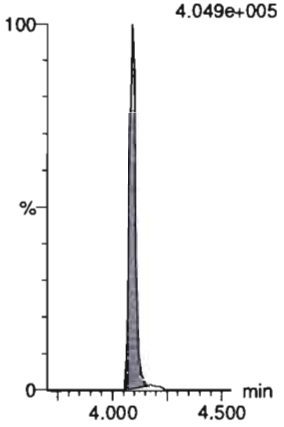
13C2-6:2 FTS-EIS



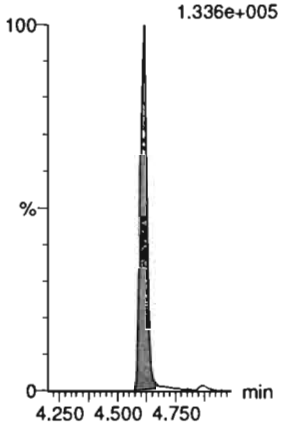
13C2-PFOA-EIS



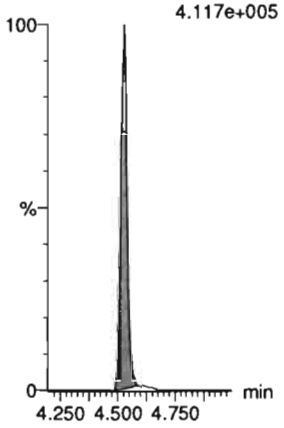
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

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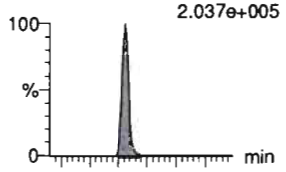
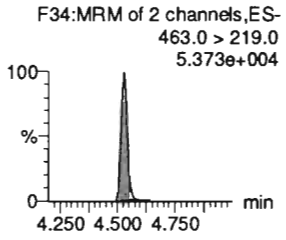
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

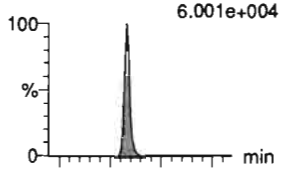
Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

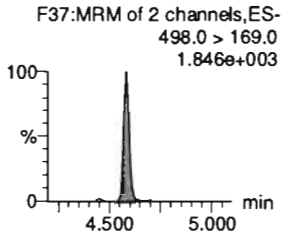
PFNA



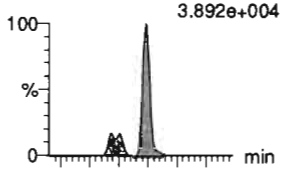


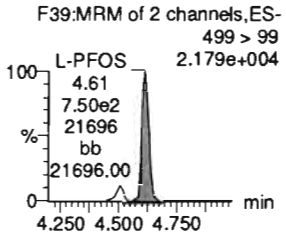
PFOSA



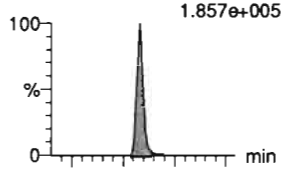


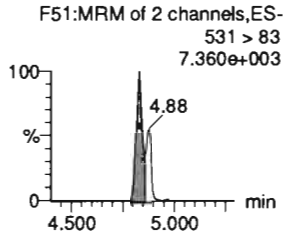
L-PFOS



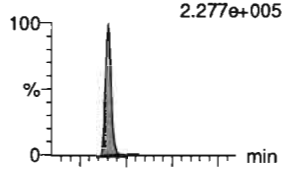


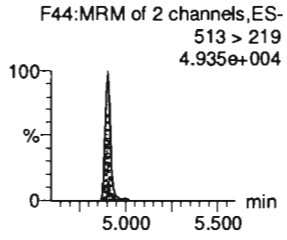
9Cl-PF30NS



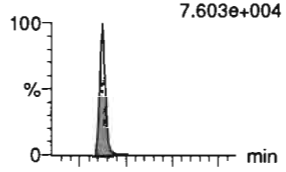


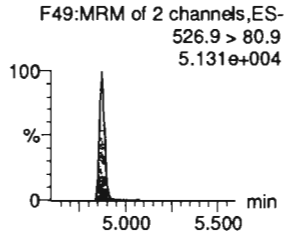
PFDA



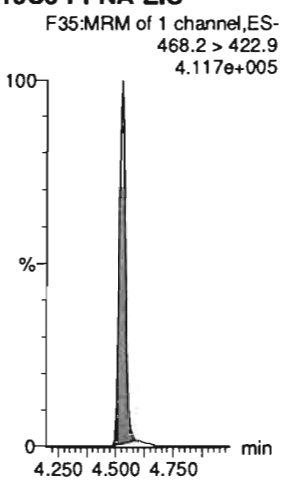


8:2 FTS

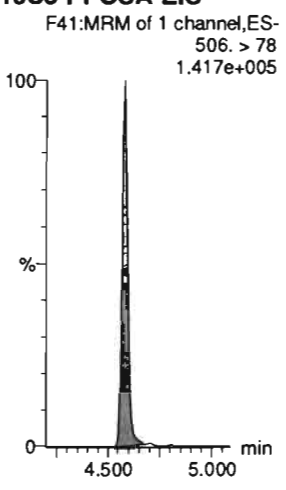




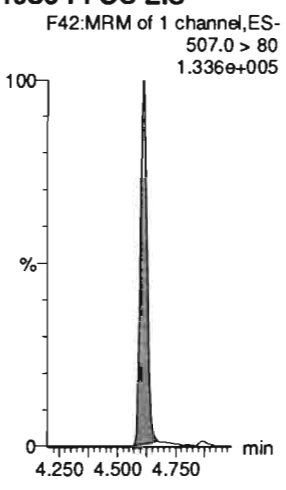
13C5-PFNA-EIS



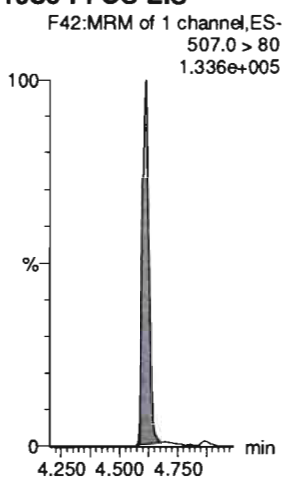
13C8-PFOSA-EIS



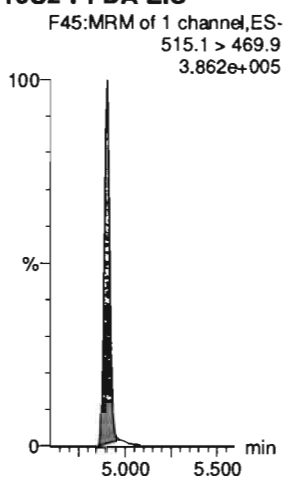
13C8-PFOS-EIS



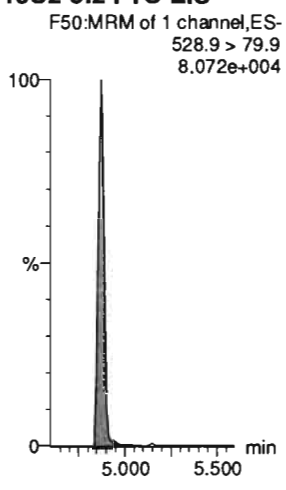
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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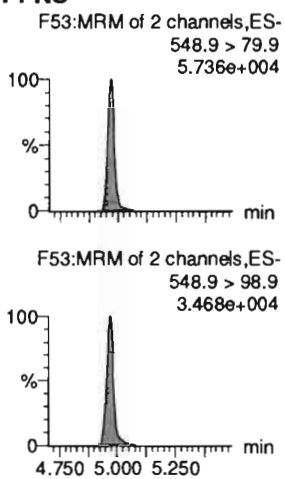
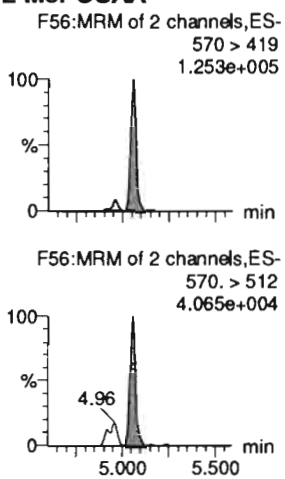
Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

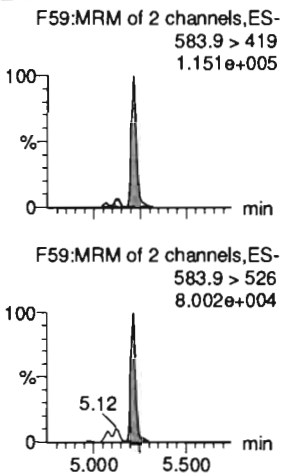
PFNS



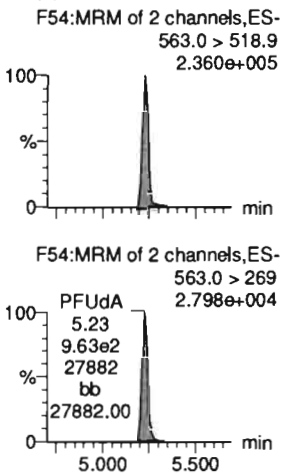
L-MeFOSAA



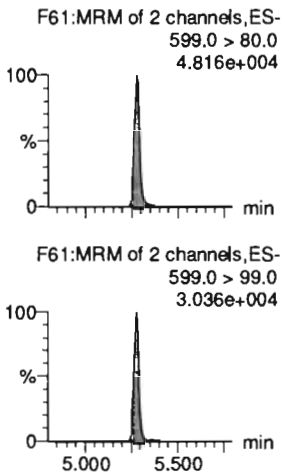
L-EtFOSAA



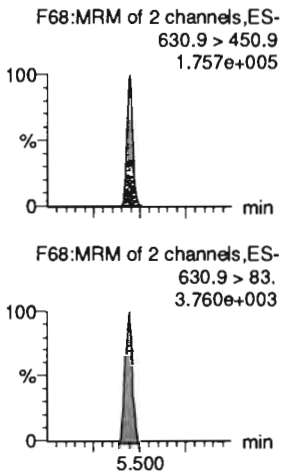
PFUdA



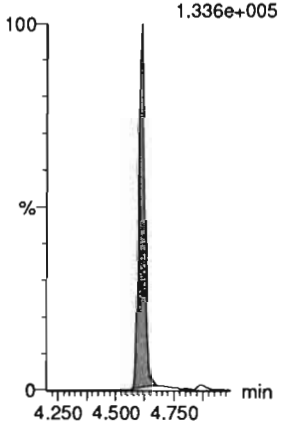
PFDS



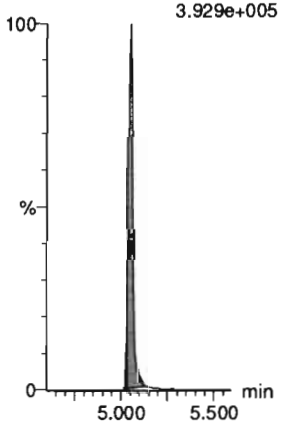
11Cl-PF30UdS



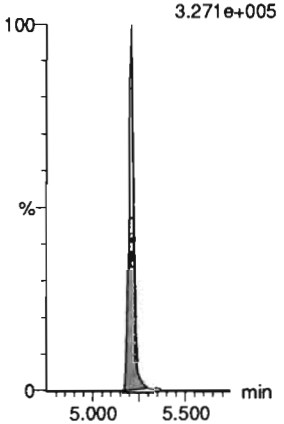
13C8-PFOS-EIS



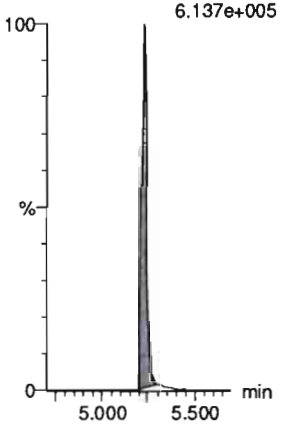
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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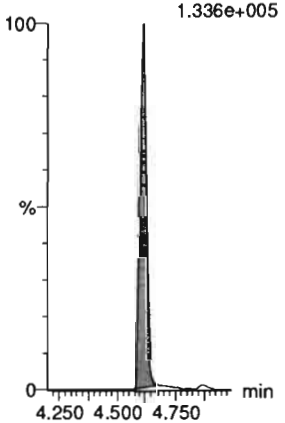
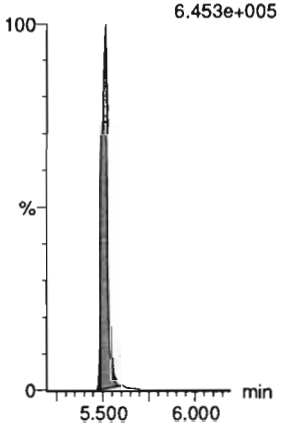


13C2-PFDoA-EIS

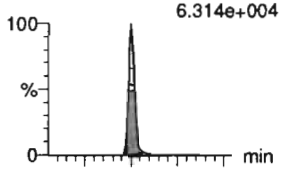


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

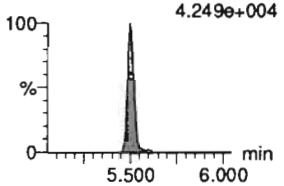
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

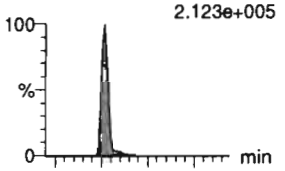
10:2 FTS
F66:MRM of 2 channels,ES-
626.9 > 607
6.314e+004



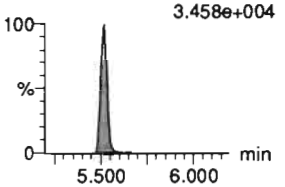
F66:MRM of 2 channels,ES-
626.9 > 81
4.249e+004



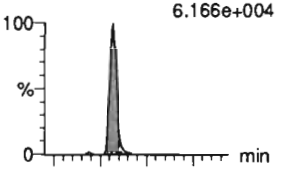
PFDoA
F62:MRM of 2 channels,ES-
612.9 > 569.0
2.123e+005



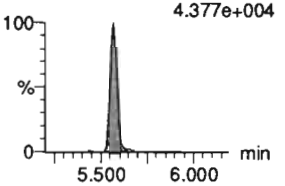
F62:MRM of 2 channels,ES-
612.9 > 318.8
3.458e+004



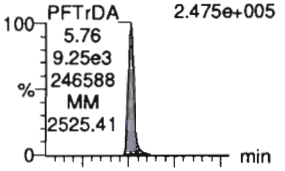
N-MeFOSA
F43:MRM of 2 channels,ES-
512.1 > 168.9
6.166e+004



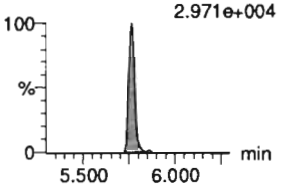
F43:MRM of 2 channels,ES-
512.1 > 219
4.377e+004



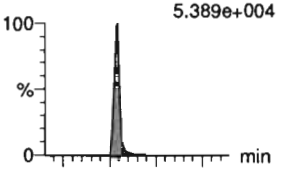
PFTrDA
F71:MRM of 2 channels,ES-
662.9 > 618.9
2.475e+005



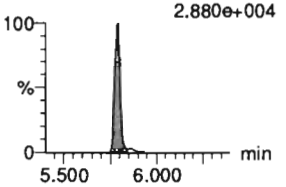
F71:MRM of 2 channels,ES-
662.9 > 319
2.971e+004



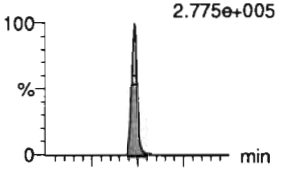
PFDoS
F72:MRM of 2 channels,ES-
698.9 > 80
5.389e+004



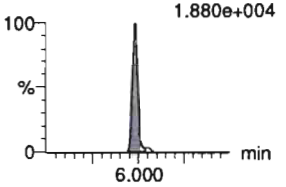
F72:MRM of 2 channels,ES-
698.9 > 99
2.880e+004



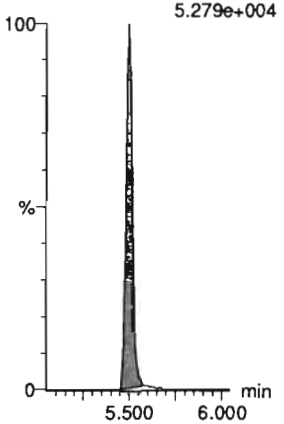
PFTeDA
F73:MRM of 2 channels,ES-
713.0 > 669.0
2.775e+005



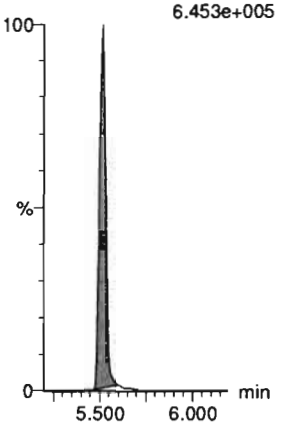
F73:MRM of 2 channels,ES-
713. > 369.0
1.880e+004



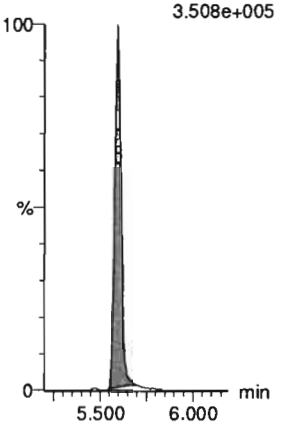
13C2-10:2 FTS-EIS
F69:MRM of 1 channel,ES-
633 > 79.9
5.279e+004



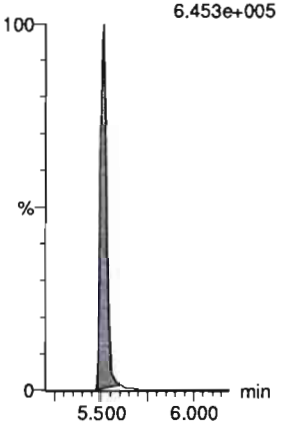
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
615 > 570
6.453e+005



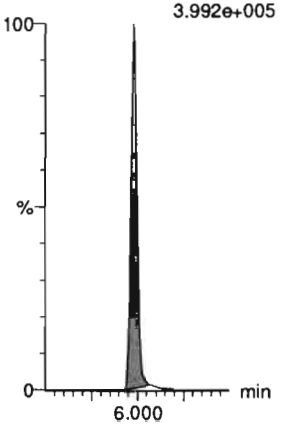
d3-N-MeFOSA-EIS
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.508e+005



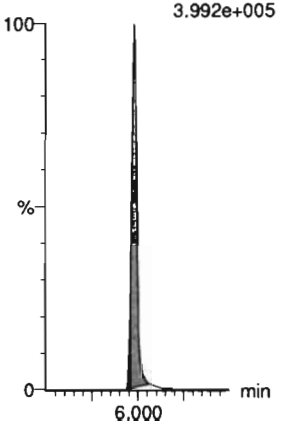
13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
615 > 570
6.453e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.992e+005



13C2-PFTeDA-EIS
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.992e+005



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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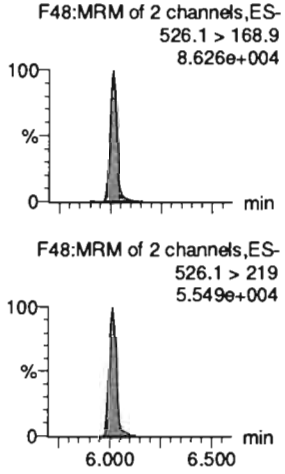
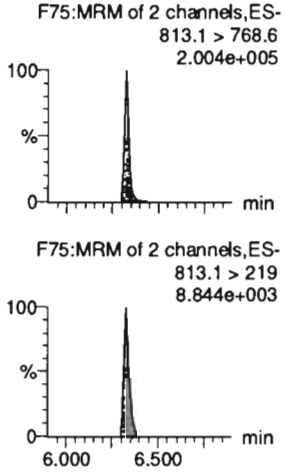
Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

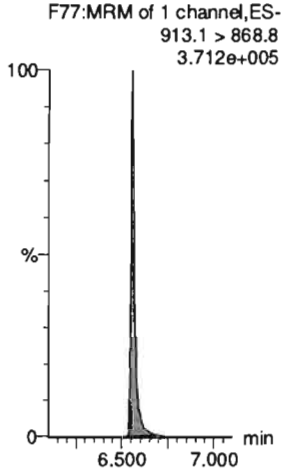
N-EtFOSA



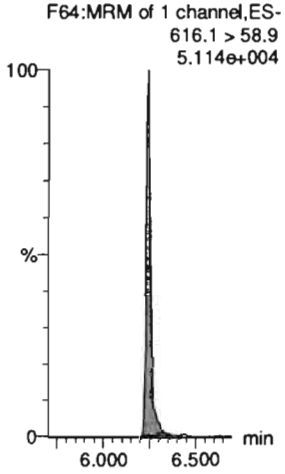
PFHxDA



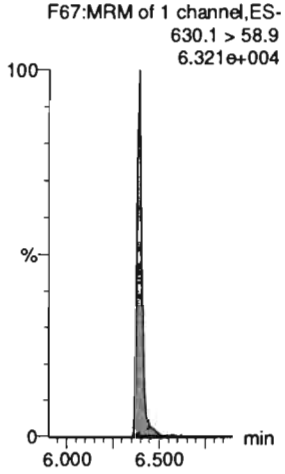
PFODA



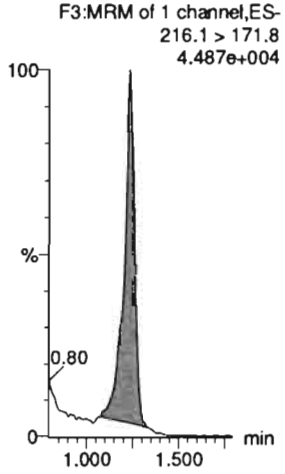
N-MeFOSE



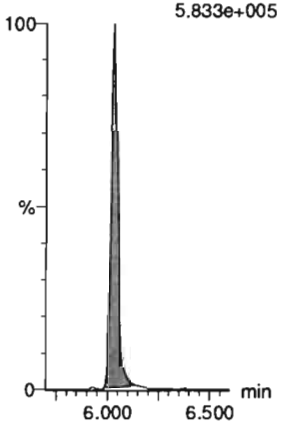
N-EtFOSE



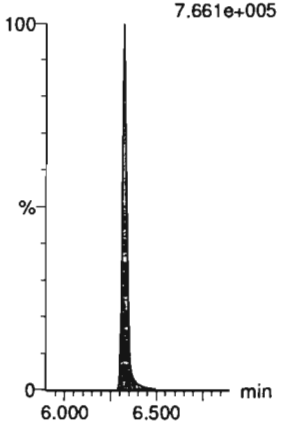
13C3-PFBA-RSD



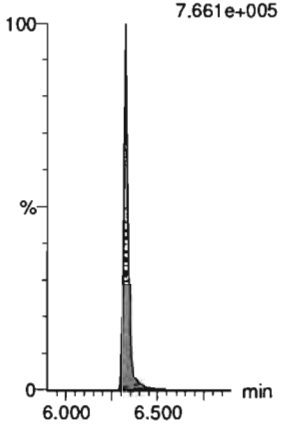
d5-N-ETFOSA-EIS



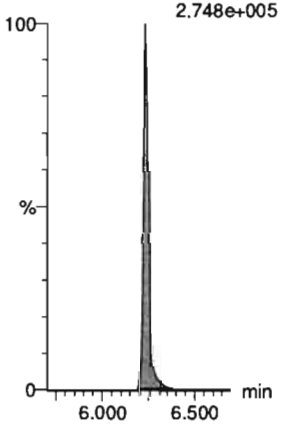
13C2-PFHxDA-EIS



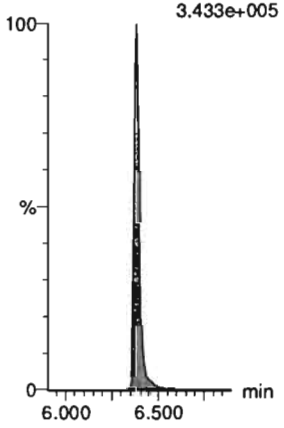
13C2-PFHxDA-EIS



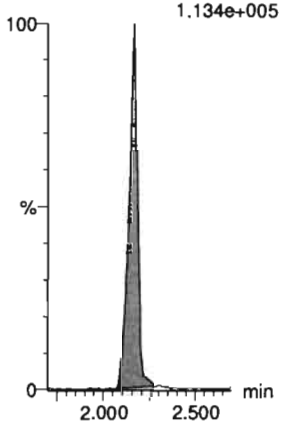
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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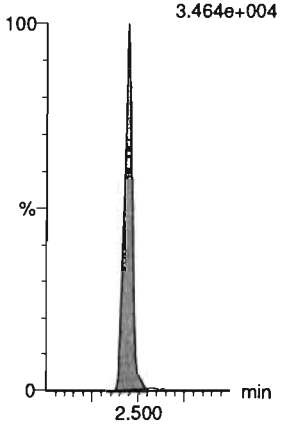
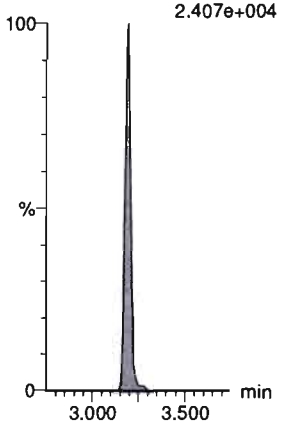
Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

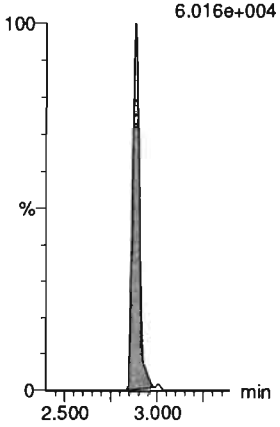
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.464e+004



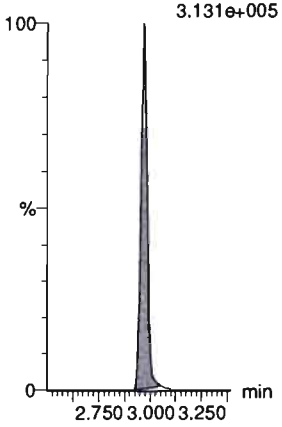
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.407e+004



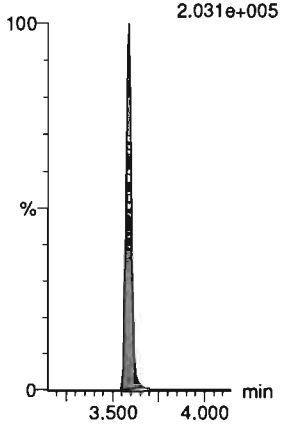
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.016e+004



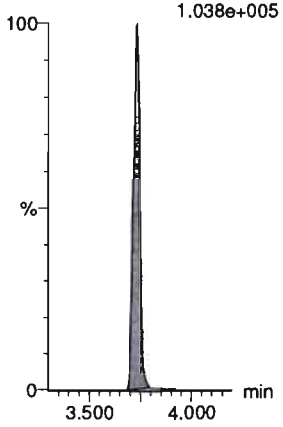
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.131e+005



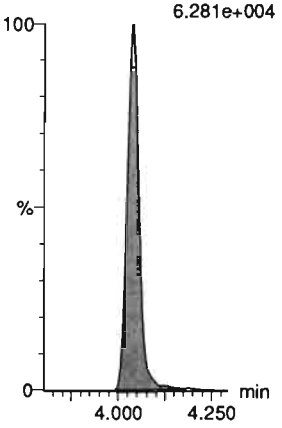
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.031e+005



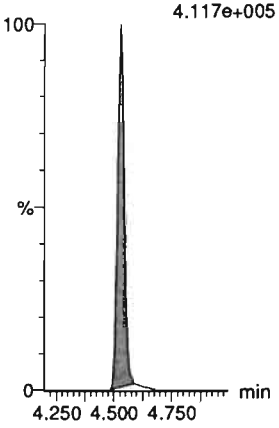
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.038e+005



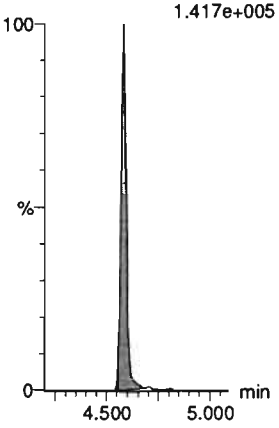
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.281e+004



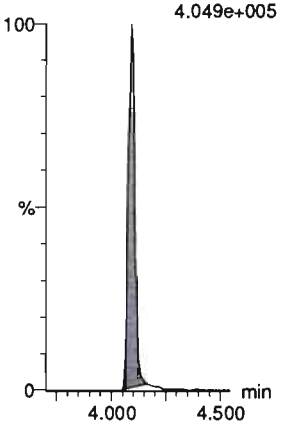
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
4.117e+005



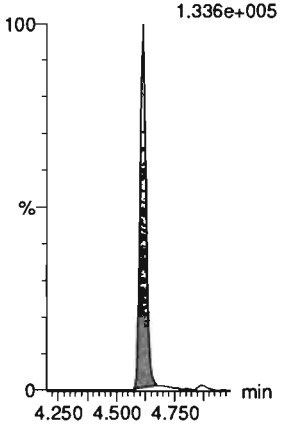
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.417e+005



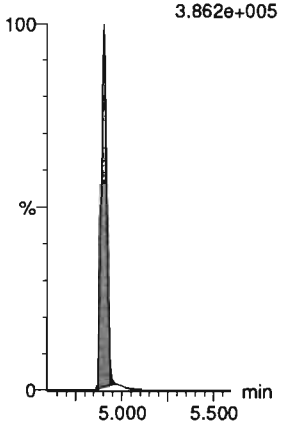
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.049e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.336e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.862e+005



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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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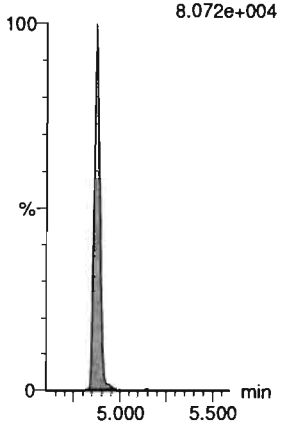
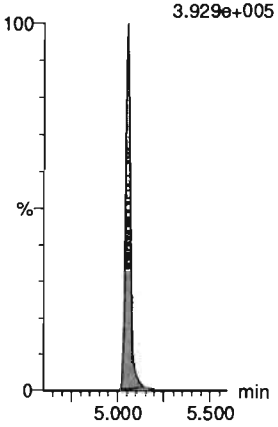
Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

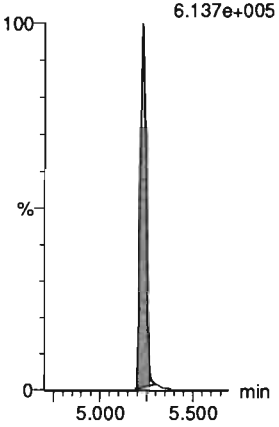
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
8.072e+004



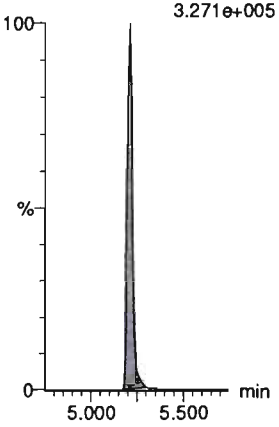
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.929e+005



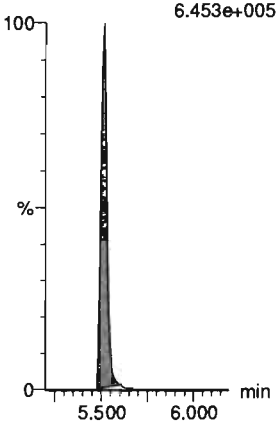
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
6.137e+005



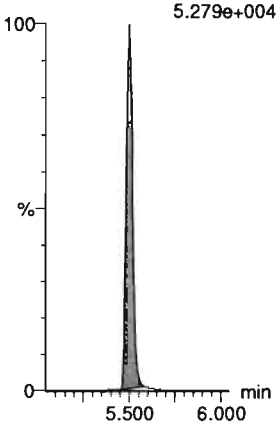
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.271e+005



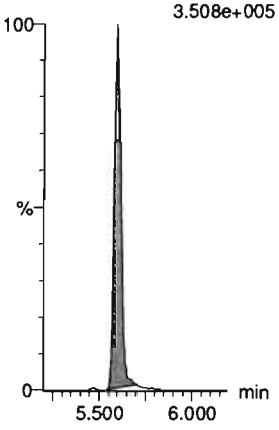
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.453e+005



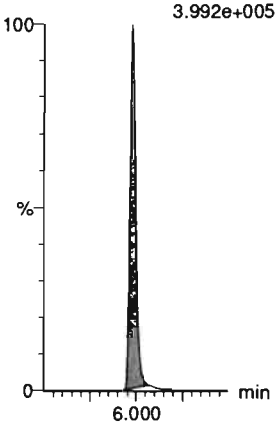
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.279e+004



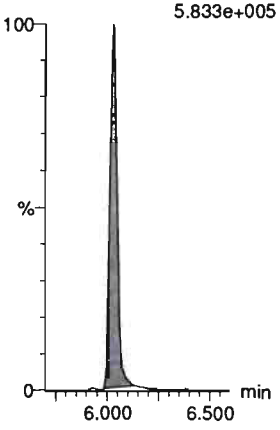
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.508e+005



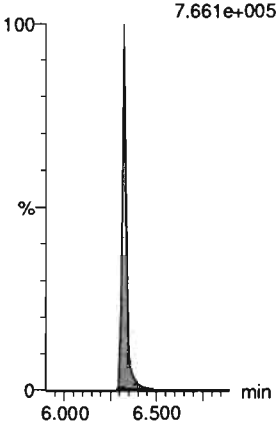
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.992e+005



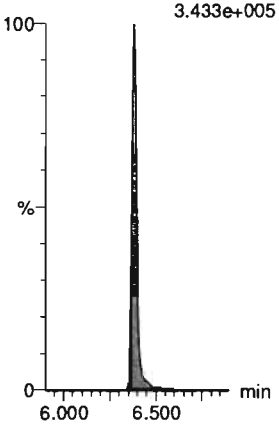
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.833e+005



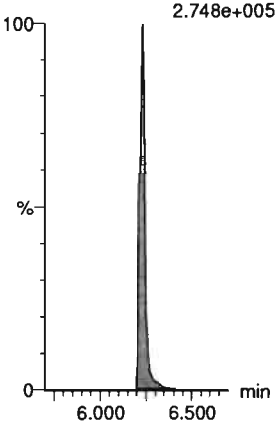
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.661e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.433e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.748e+005



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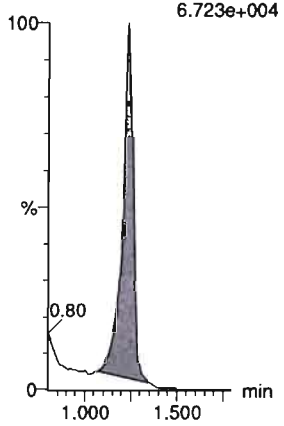
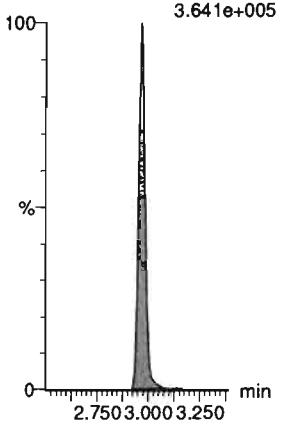
Name: 200623M1_8, Date: 23-Jun-2020, Time: 13:16:13, ID: ST200623M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

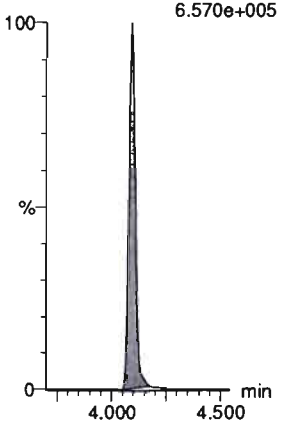
13C4-PFBA



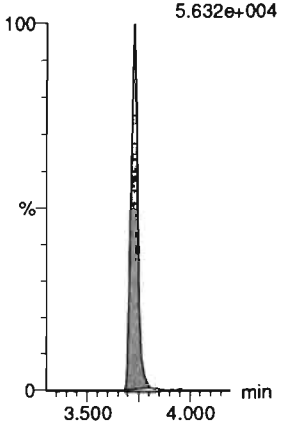
13C5-PFHxA



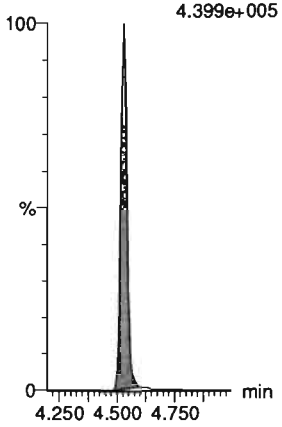
13C8-PFOA



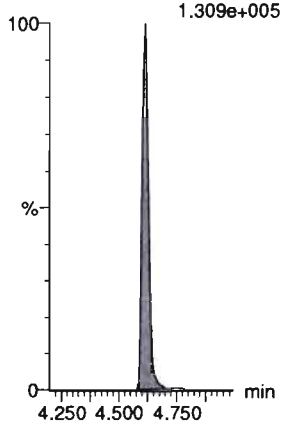
18O2-PFHxS



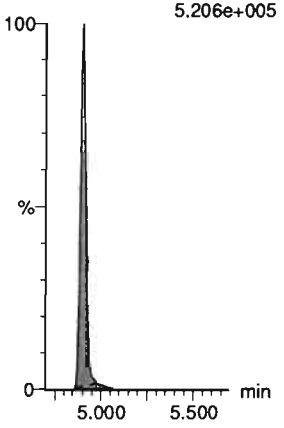
13C9-PFNA



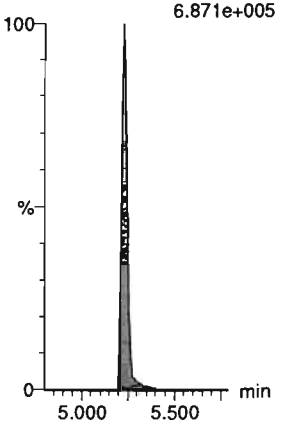
13C4-PFOS



13C6-PFDA



13C7-PFUdA

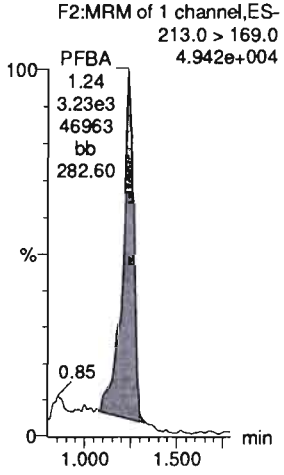


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

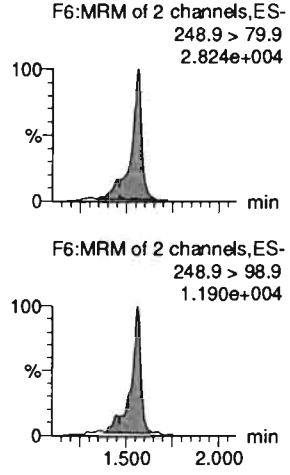
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

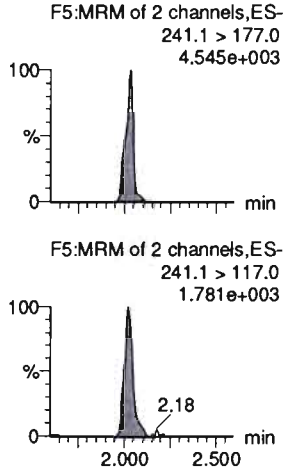
PFBA



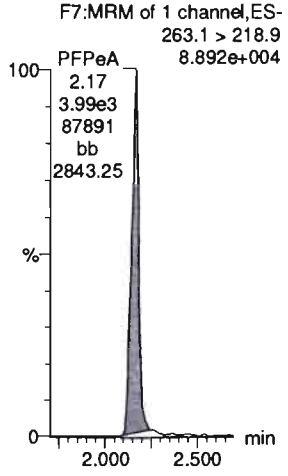
PFPrS



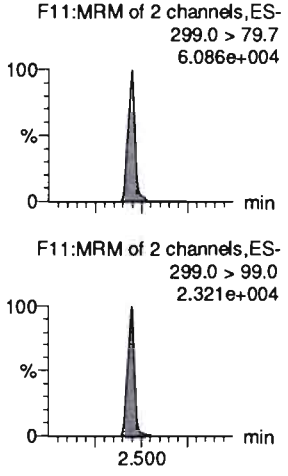
3:3 FTCA



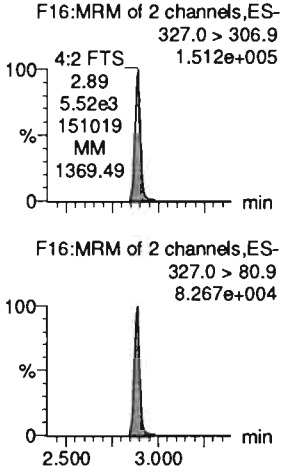
PFPeA



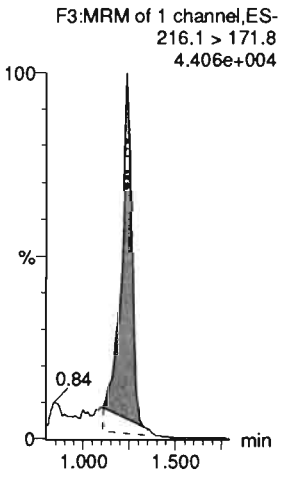
PFBS



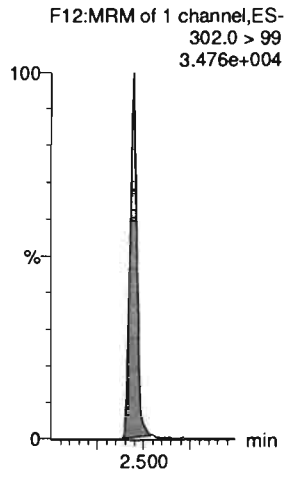
4:2 FTS



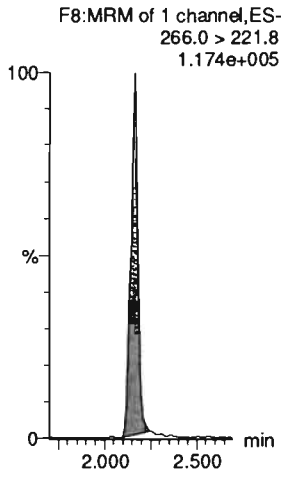
13C3-PFBA-EIS



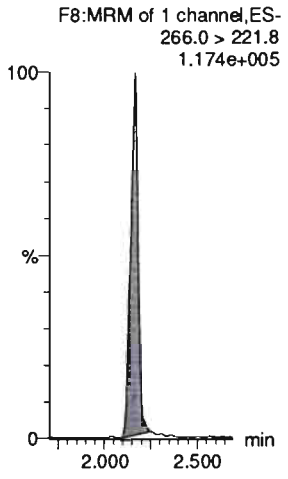
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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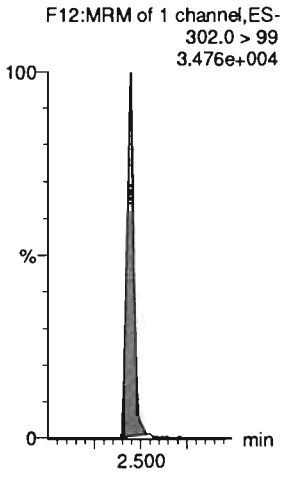
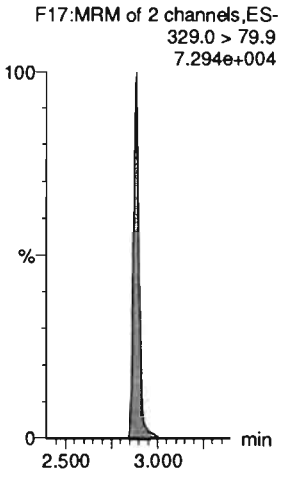


13C2-4:2 FTS-EIS



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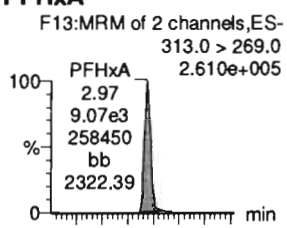
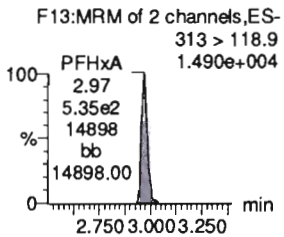
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

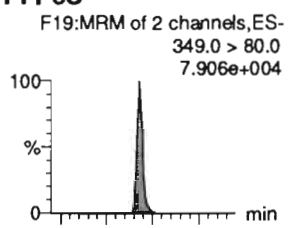
Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

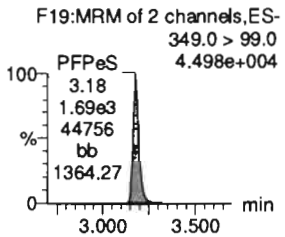
PFHxA



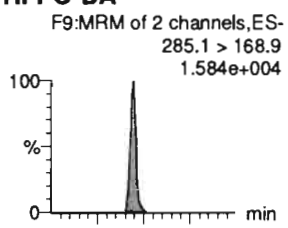


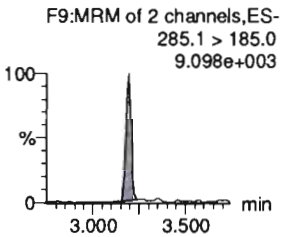
PFPeS



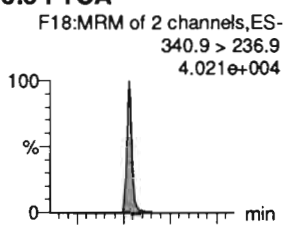


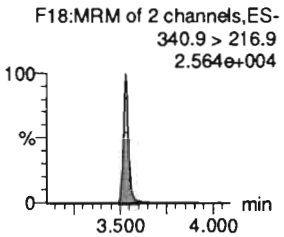
HFPO-DA



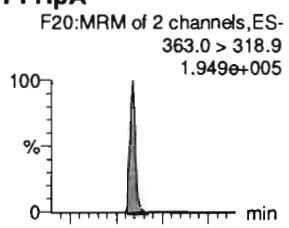


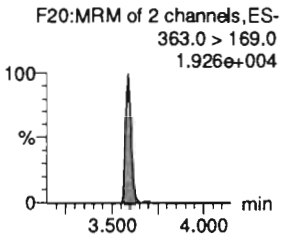
5:3 FTCA



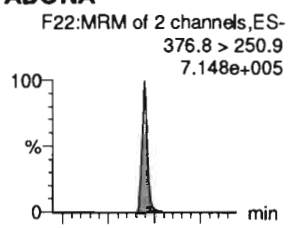


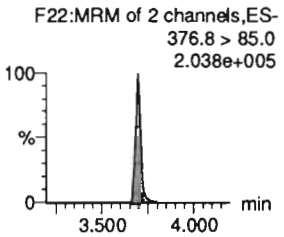
PFHpA



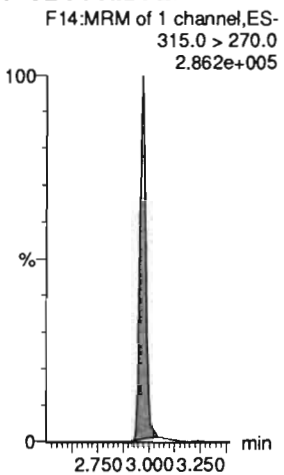


ADONA

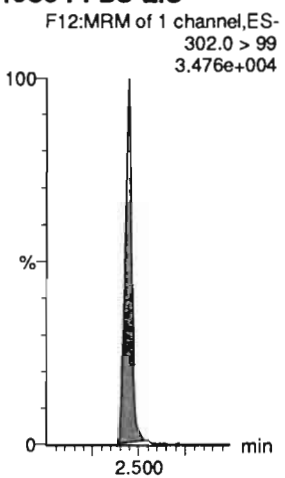




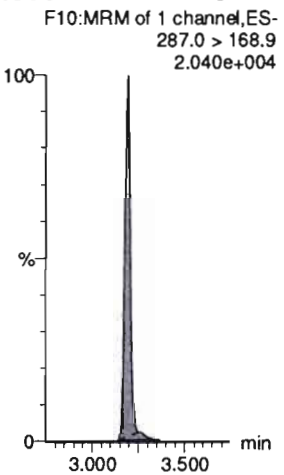
13C2-PFHxA-EIS



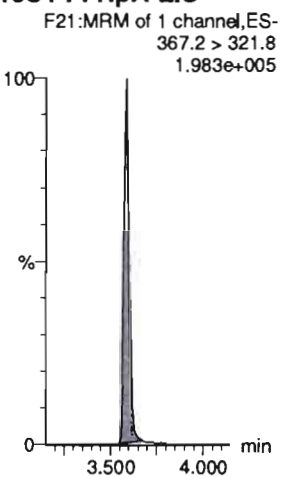
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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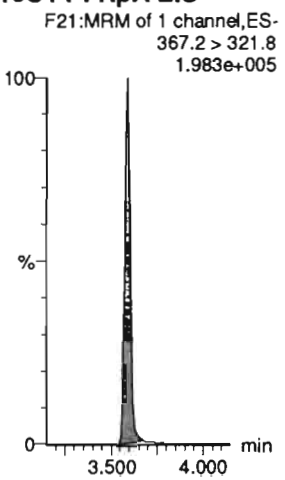
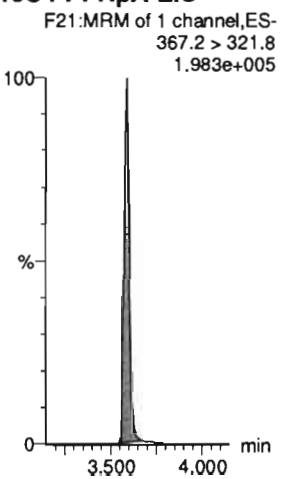


13C4-PFHpA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

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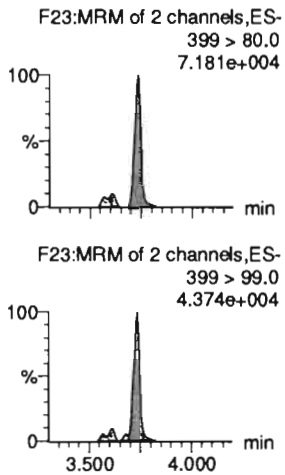
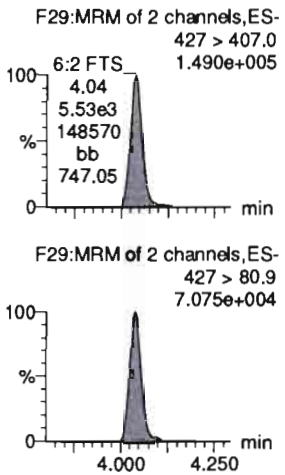
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

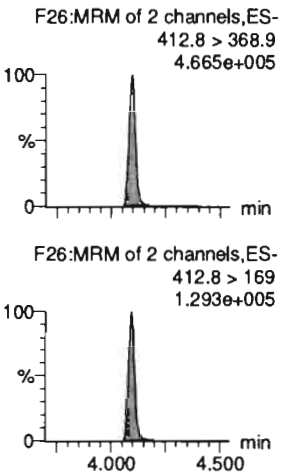
L-PFHxS



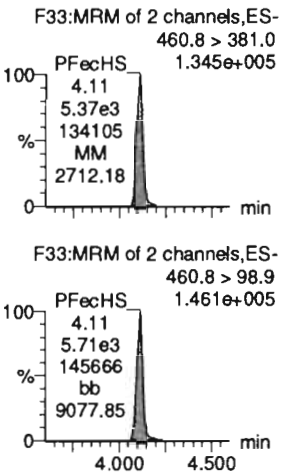
6:2 FTS



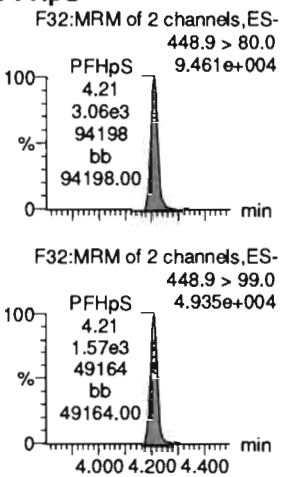
L-PFOA



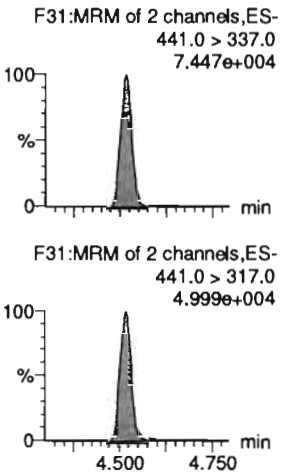
PFEChS



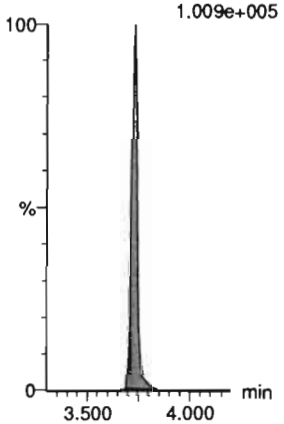
PFHpS



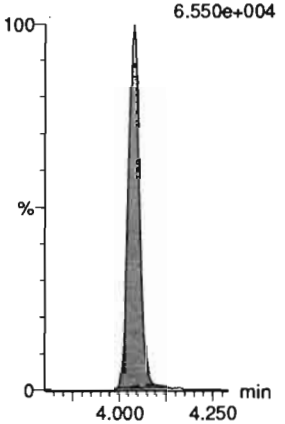
7:3 FTCA



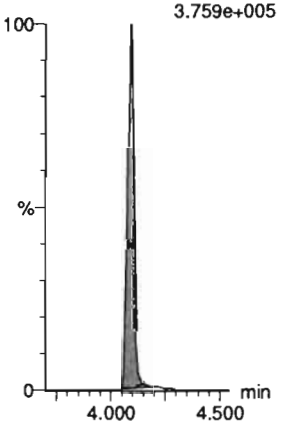
13C3-PFHxS-EIS



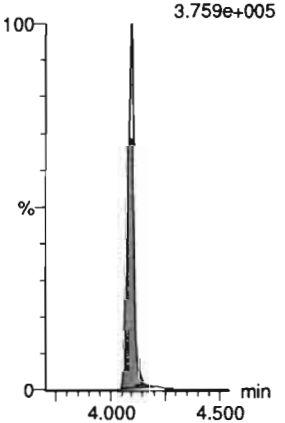
13C2-6:2 FTS-EIS



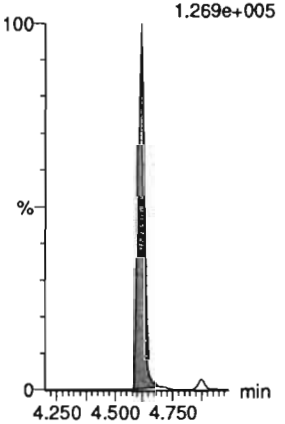
13C2-PFOA-EIS



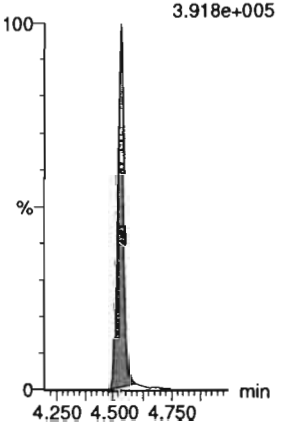
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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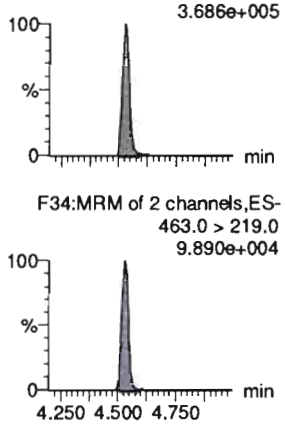
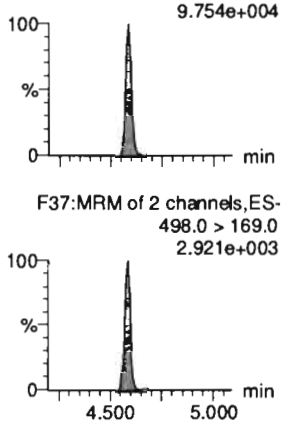
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

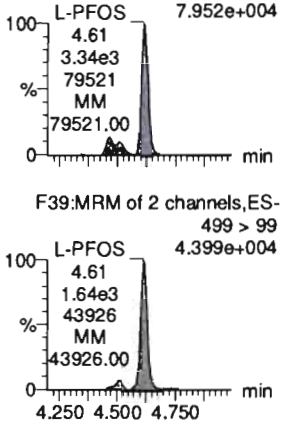
PFNA



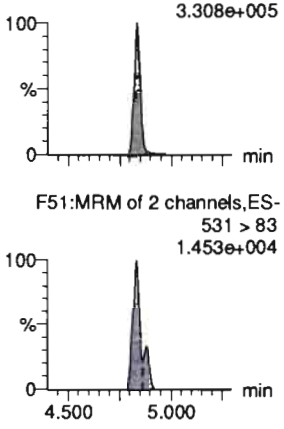
PFOSA



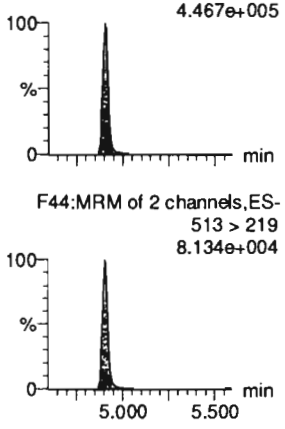
L-PFOS



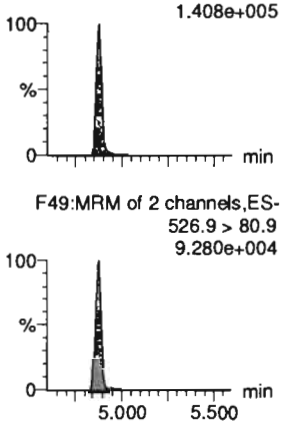
9Cl-PF30NS



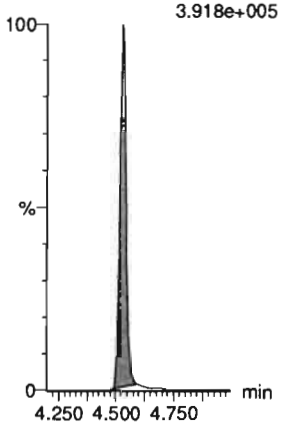
PFDA



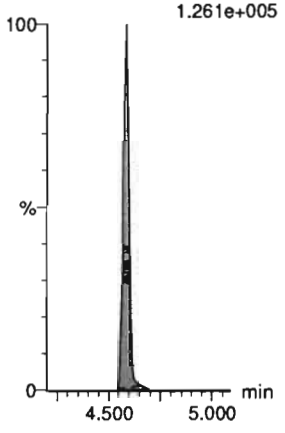
8:2 FTS



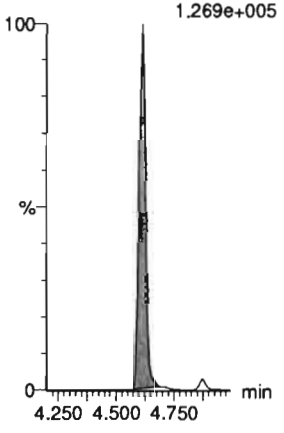
13C5-PFNA-EIS



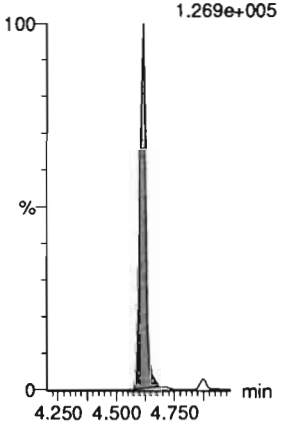
13C8-PFOSA-EIS



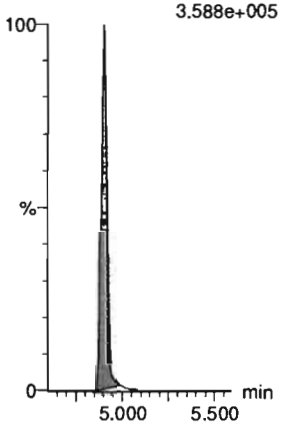
13C8-PFOS-EIS



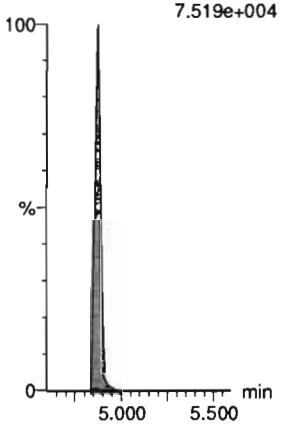
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

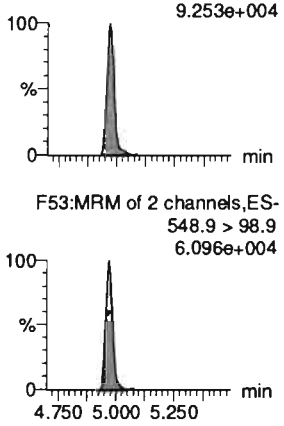


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

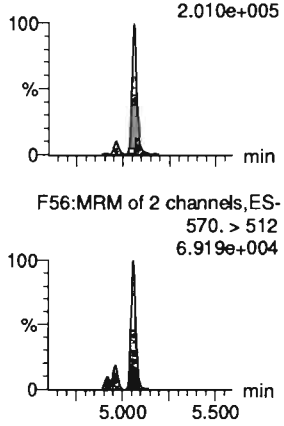
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

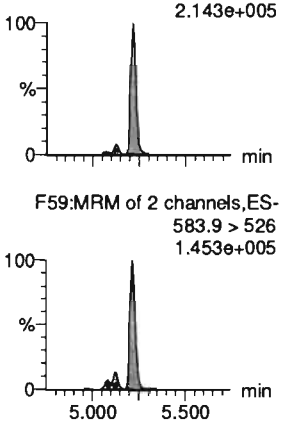
PFNS



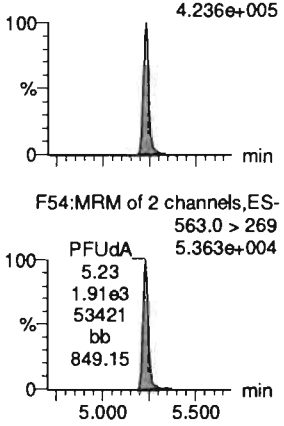
L-MeFOSAA



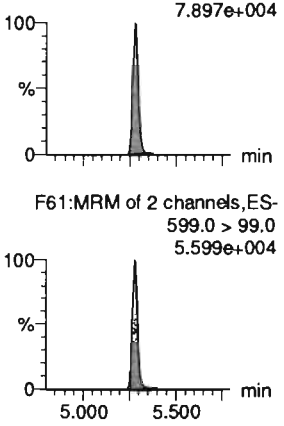
L-EtFOSAA



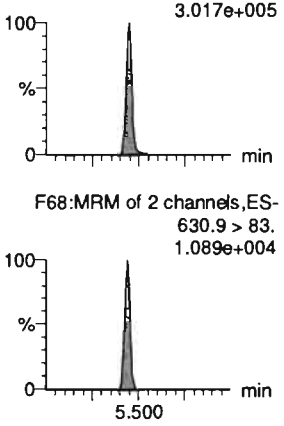
PFUdA



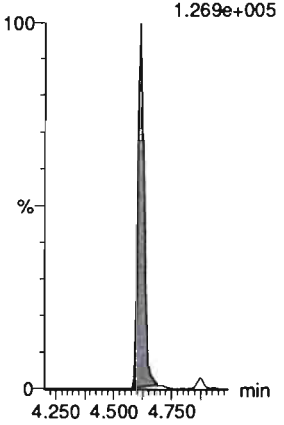
PFDS



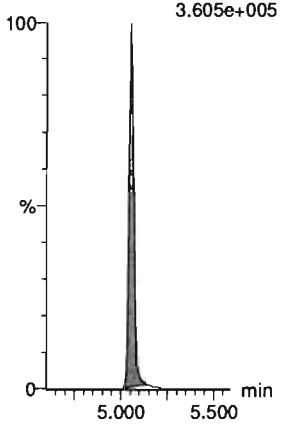
11Cl-PF30UdS



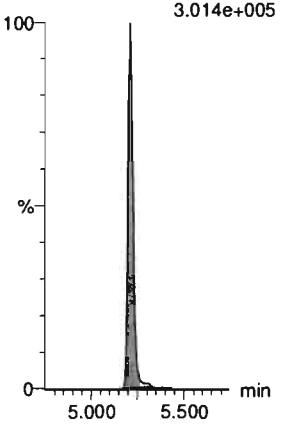
13C8-PFOS-EIS



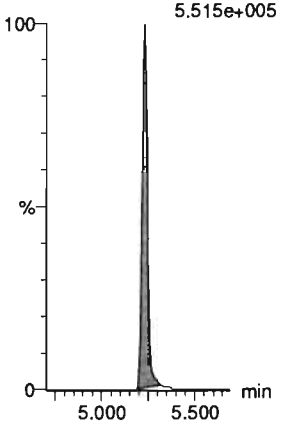
d3-N-MeFOSAA-EIS



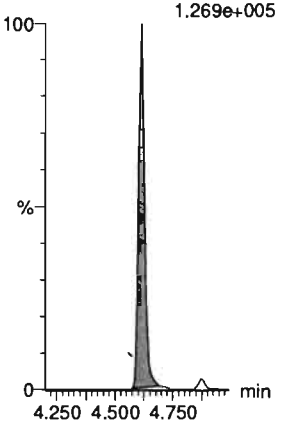
d5-N-EtFOSAA-EIS



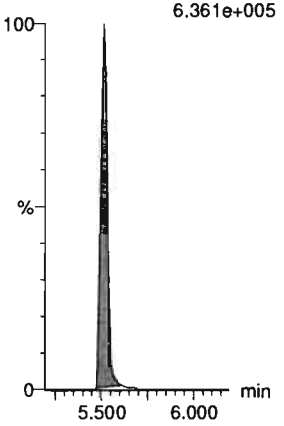
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

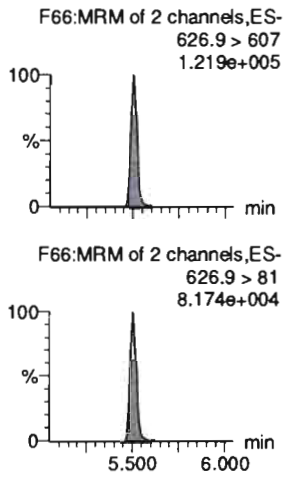


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

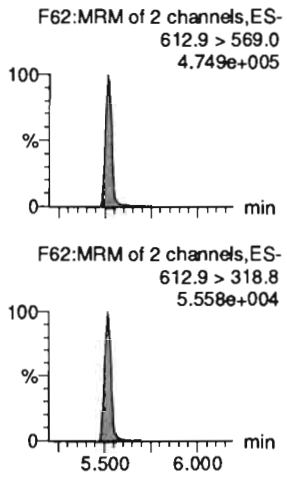
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

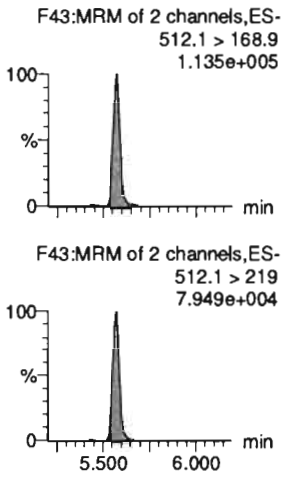
10:2 FTS



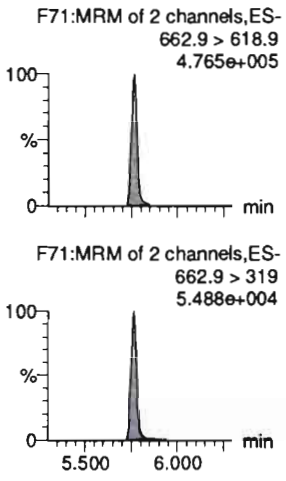
PFDoA



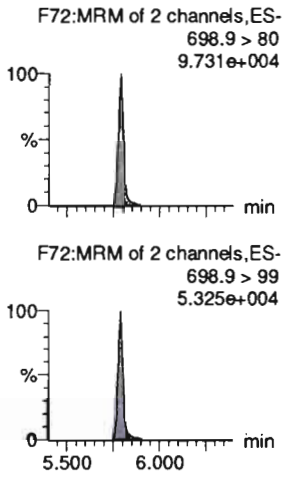
N-MeFOSA



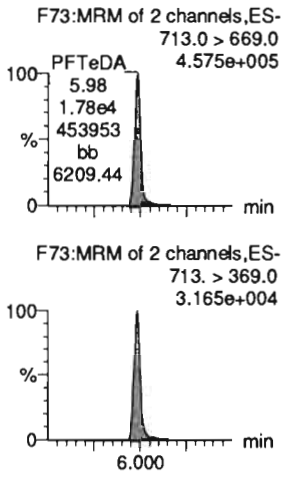
PFTrDA



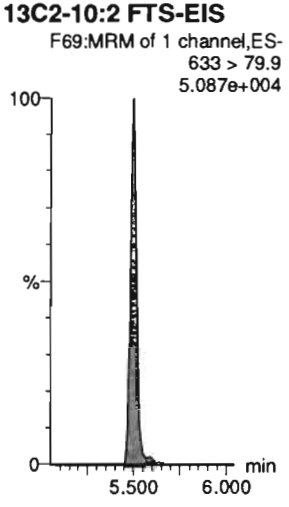
PFDoS



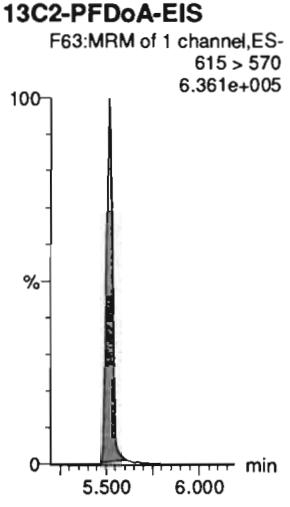
PFTeDA



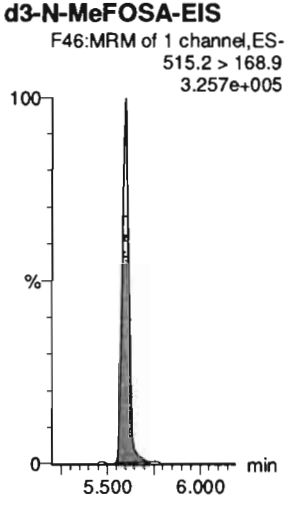
13C2-10:2 FTS-EIS



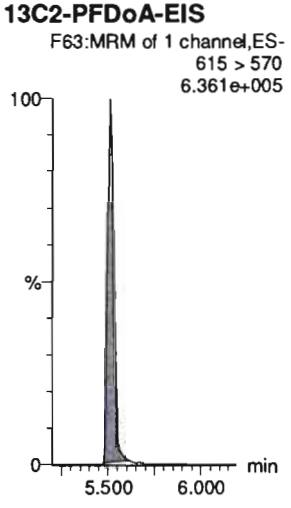
13C2-PFDoA-EIS



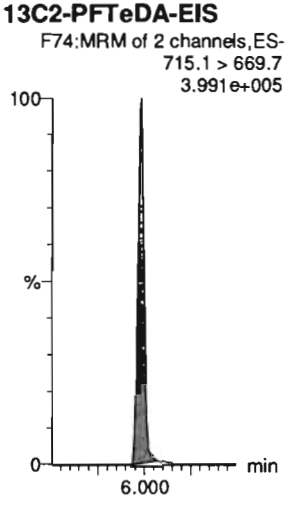
d3-N-MeFOSA-EIS



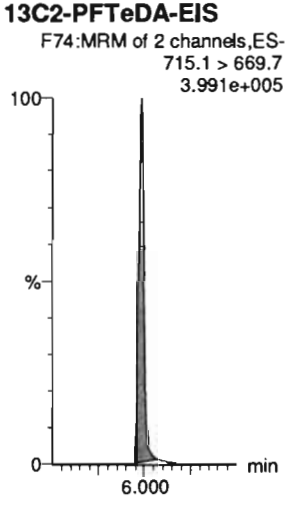
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

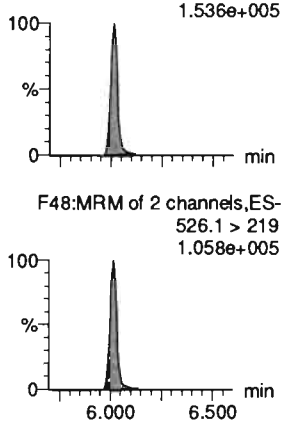


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

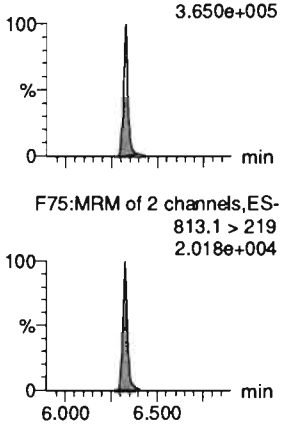
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

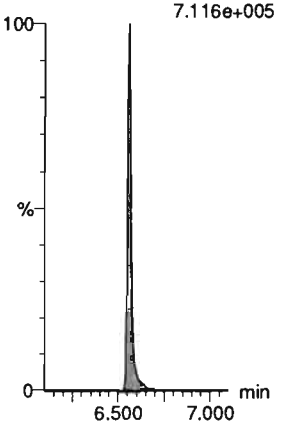
N-EtFOSA



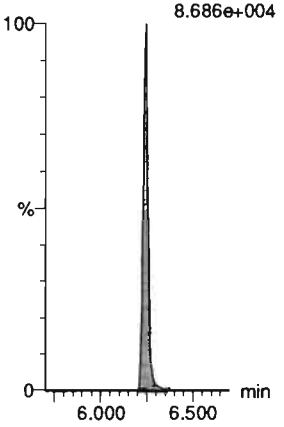
PFHxDA



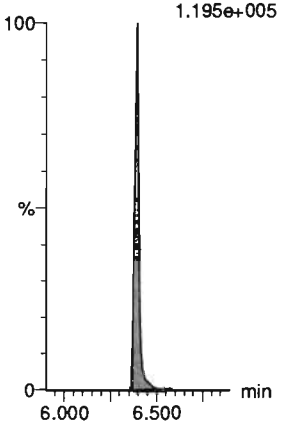
PFODA



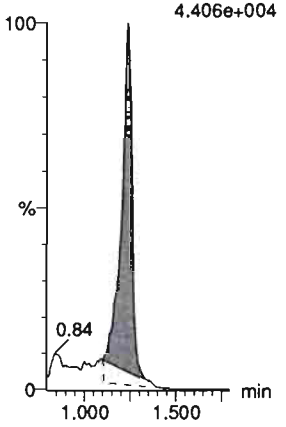
N-MeFOSE



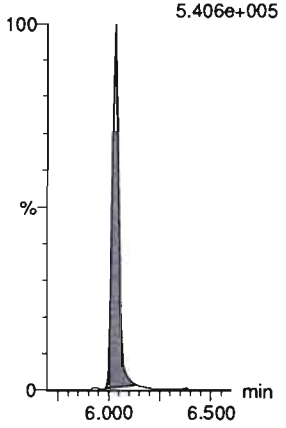
N-EtFOSE



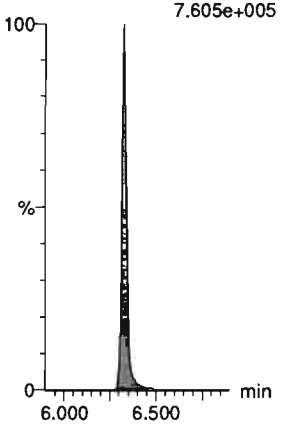
13C3-PFBA-RSD



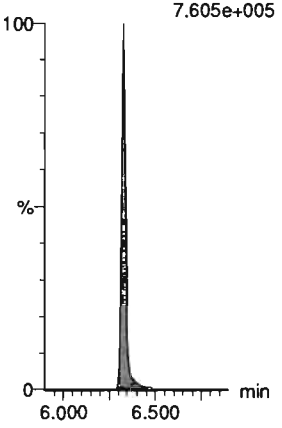
d5-N-ETFOSA-EIS



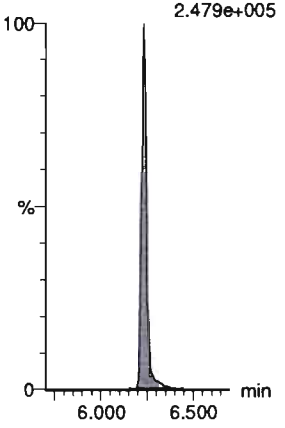
13C2-PFHxDA-EIS



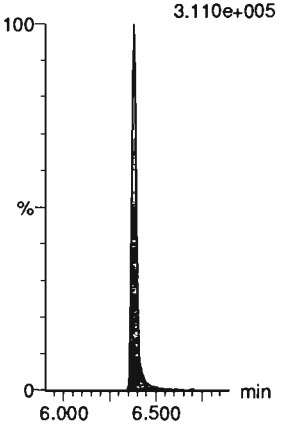
13C2-PFHxDA-EIS



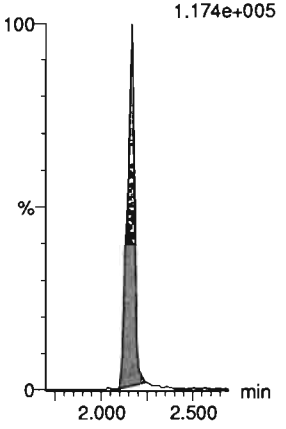
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

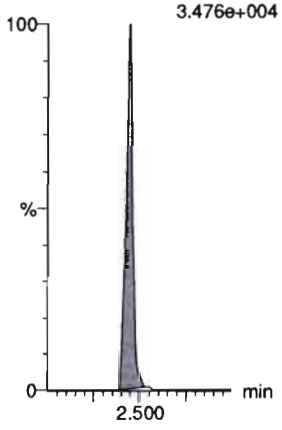


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

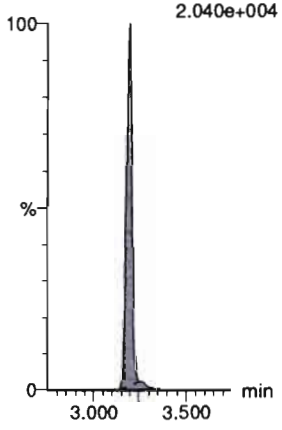
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

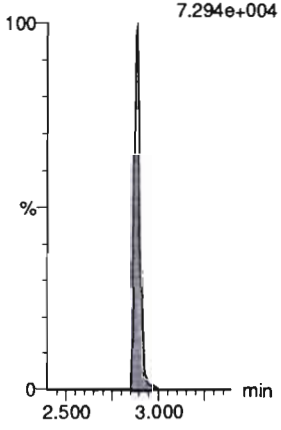
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.476e+004



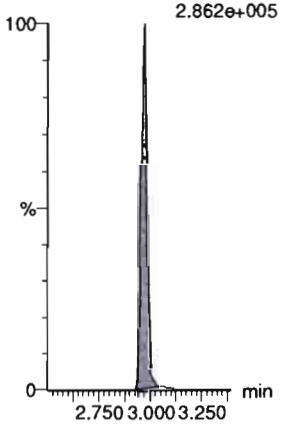
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.040e+004



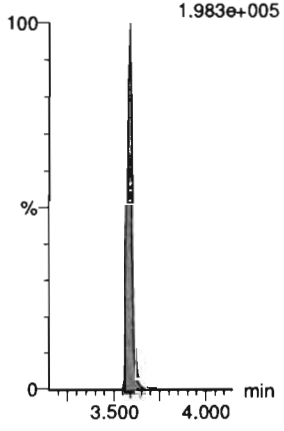
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.294e+004



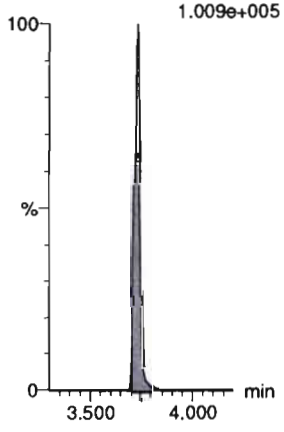
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.862e+005



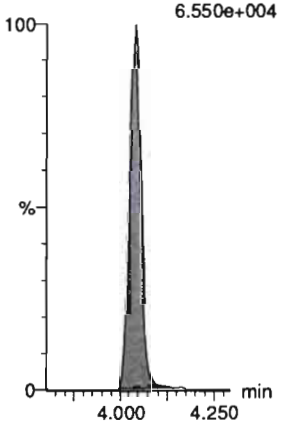
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.983e+005



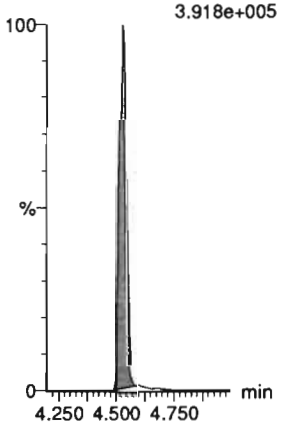
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.009e+005



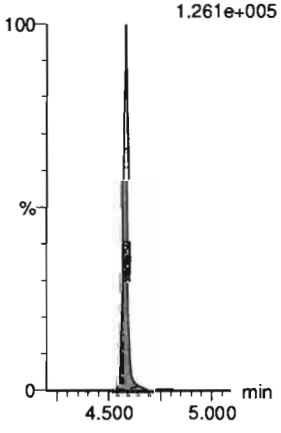
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.550e+004



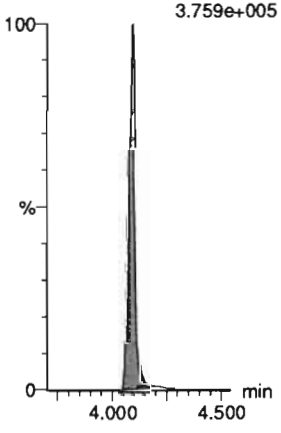
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.918e+005



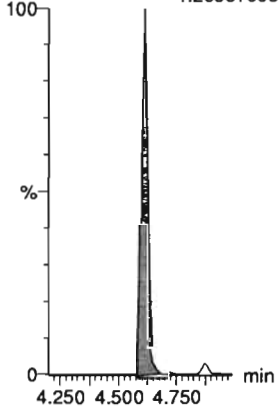
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.261e+005



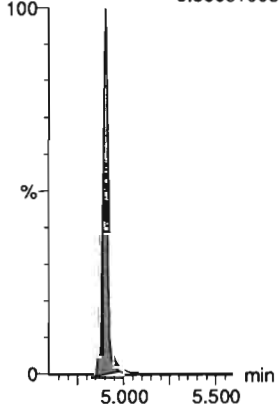
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.759e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.269e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.588e+005

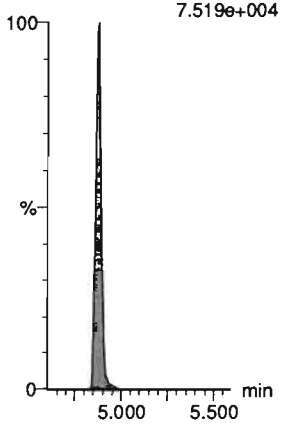


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

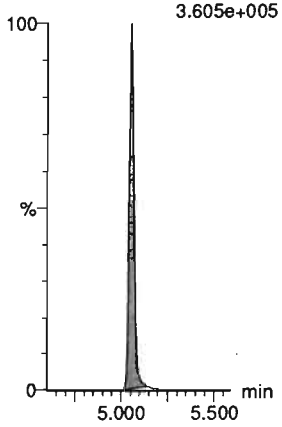
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

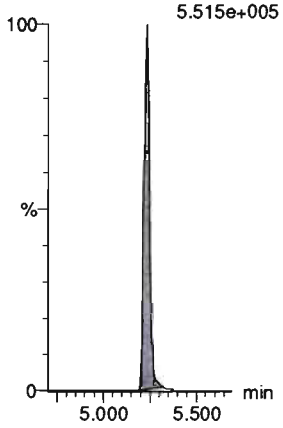
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
7.519e+004



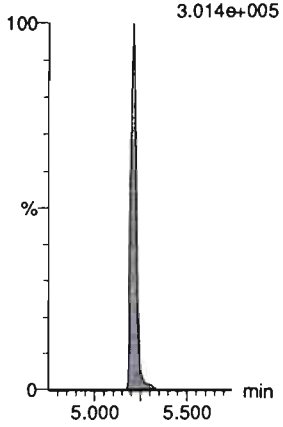
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.605e+005



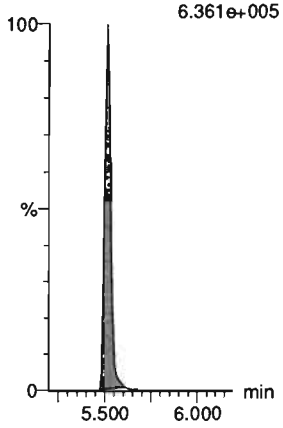
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.515e+005



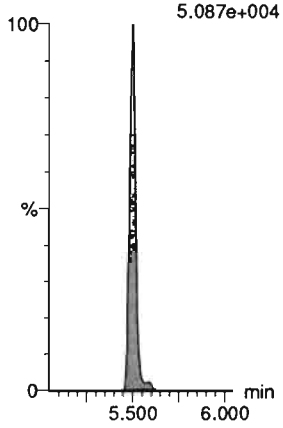
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.014e+005



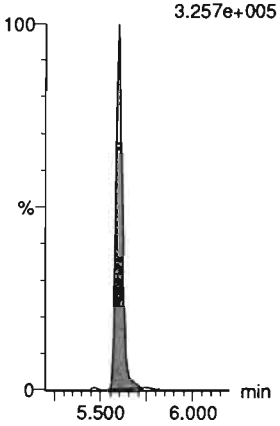
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.361e+005



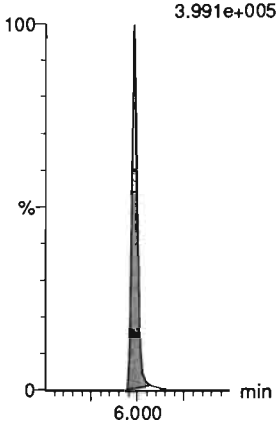
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
5.087e+004



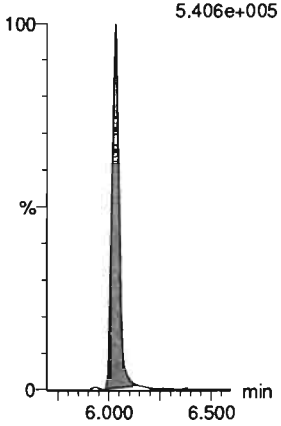
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.257e+005



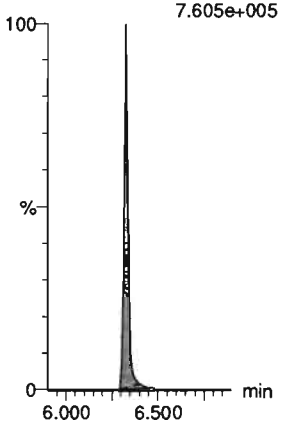
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.991e+005



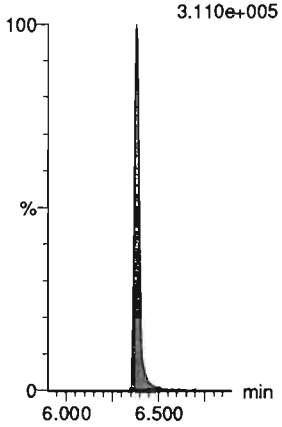
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.406e+005



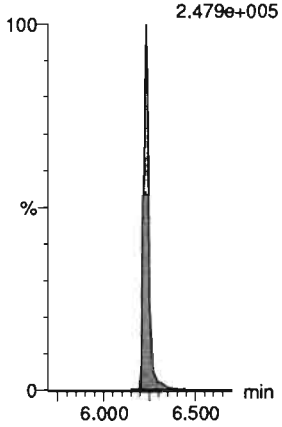
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.605e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.110e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.479e+005

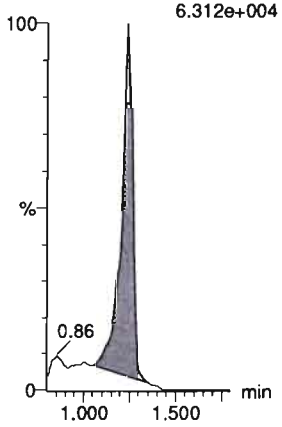


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

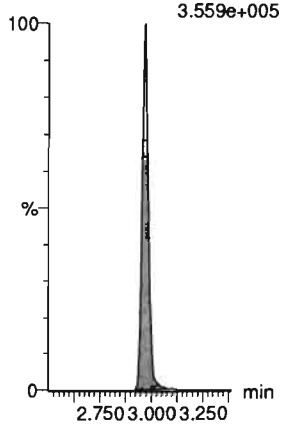
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_9, Date: 23-Jun-2020, Time: 13:26:35, ID: ST200623M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

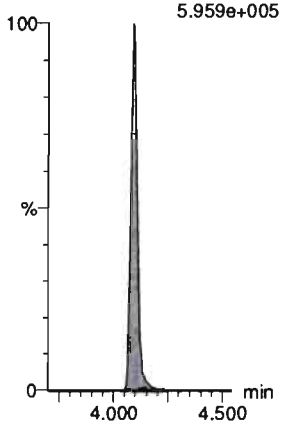
13C4-PFBA



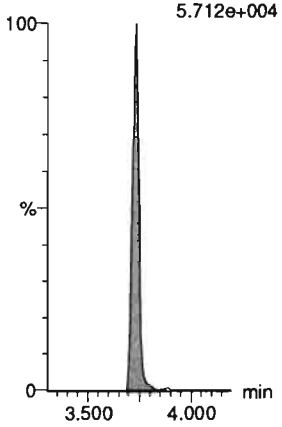
13C5-PFHxA



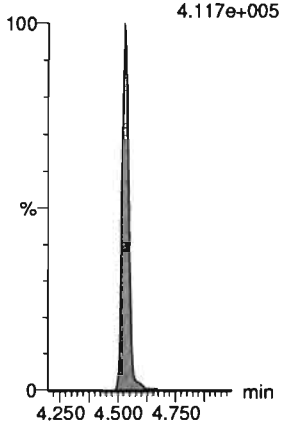
13C8-PFOA



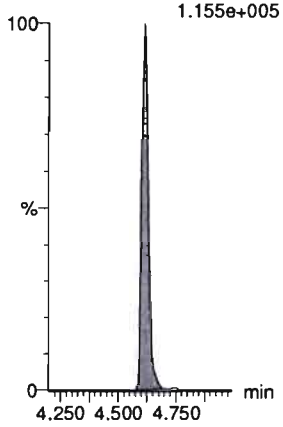
18O2-PFHxS



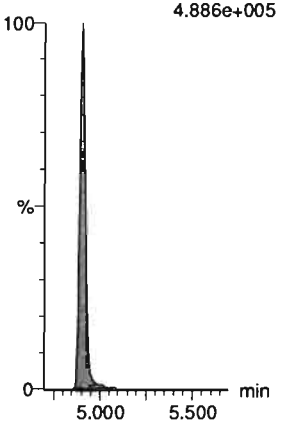
13C9-PFNA



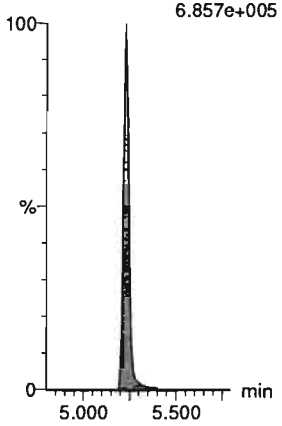
13C4-PFOS



13C6-PFDA



13C7-PFUdA

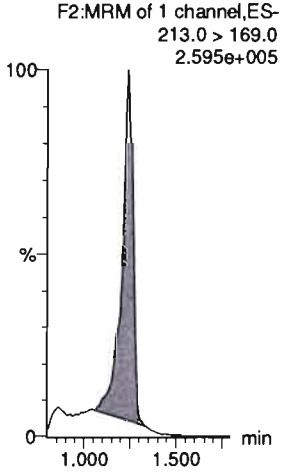


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

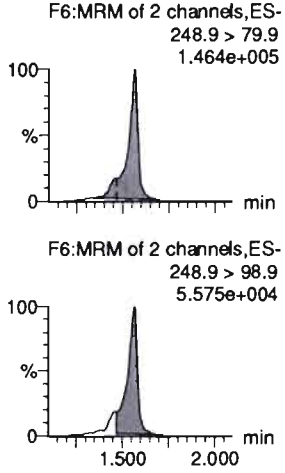
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

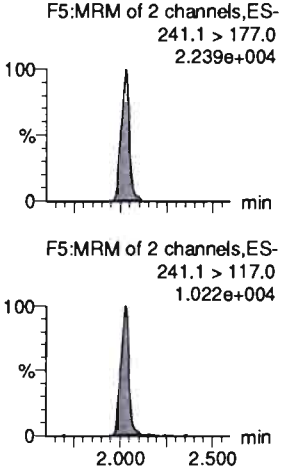
PFBA



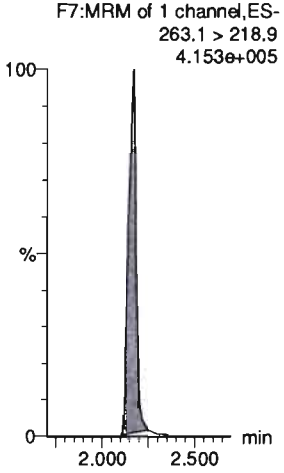
PFPrS



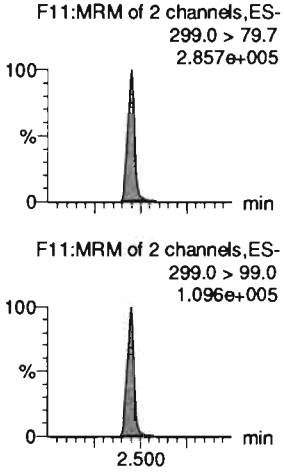
3:3 FTCA



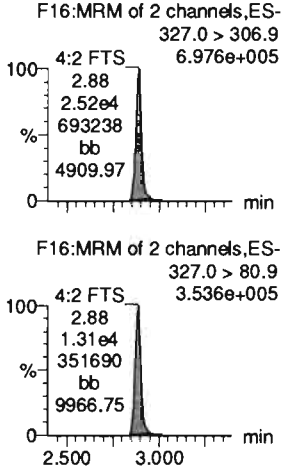
PFPeA



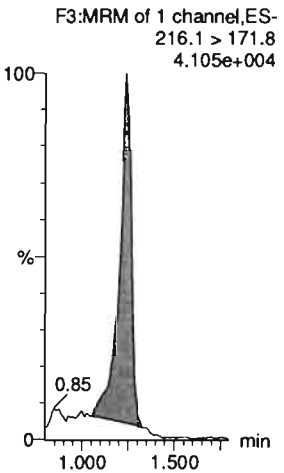
PFBS



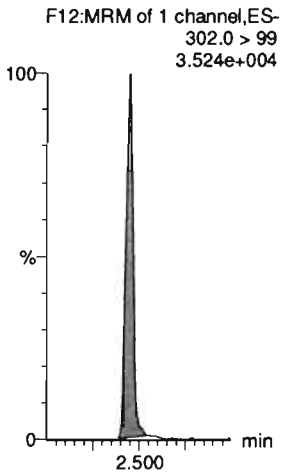
4:2 FTS



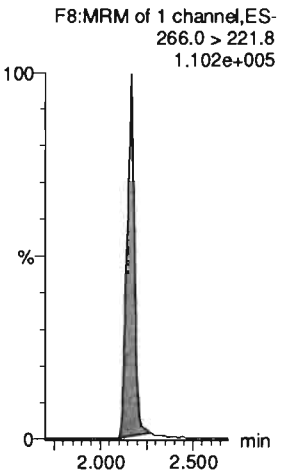
13C3-PFBA-EIS



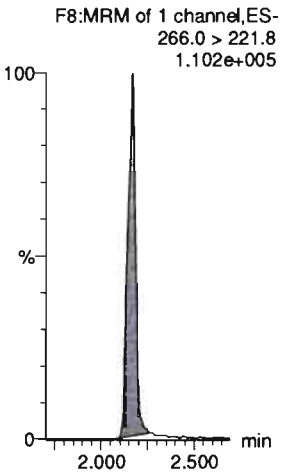
13C3-PFBS-EIS



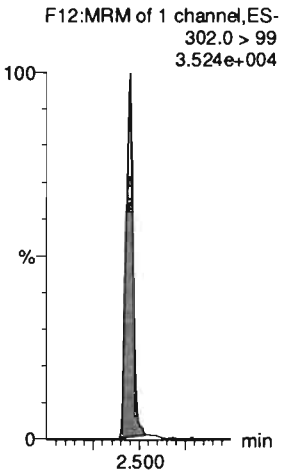
13C3-PFPeA-EIS



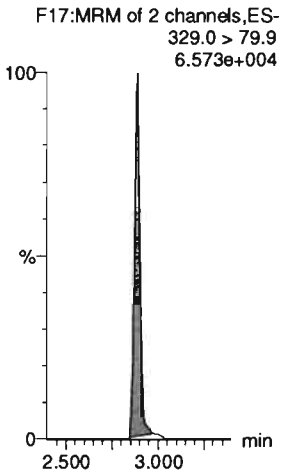
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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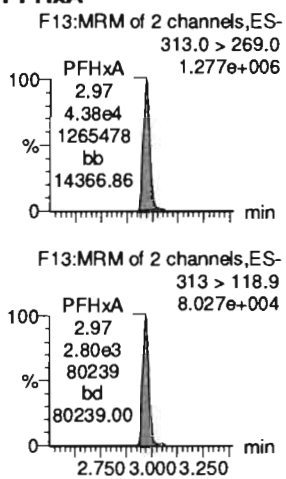
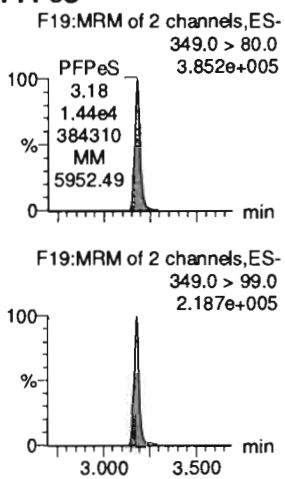
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

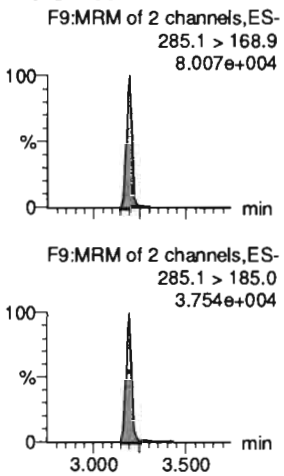
PFHxA



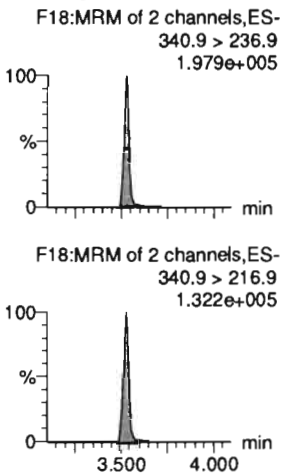
PFPeS



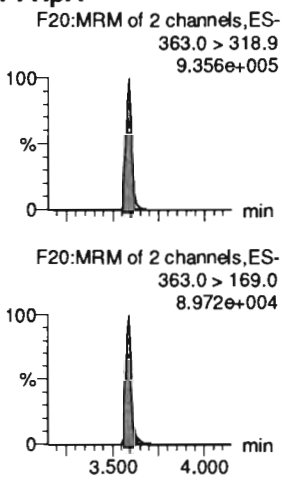
HFPO-DA



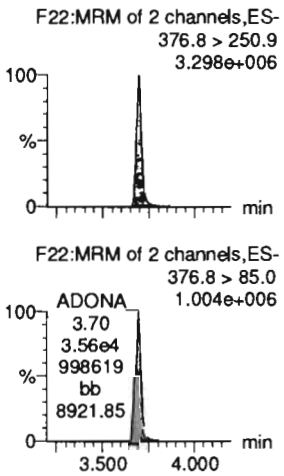
5:3 FTCA



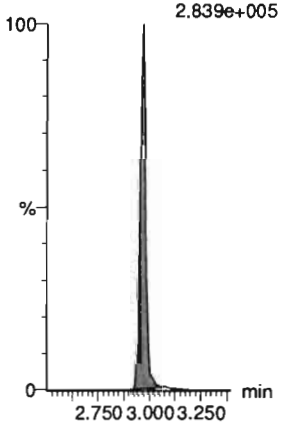
PFHpA



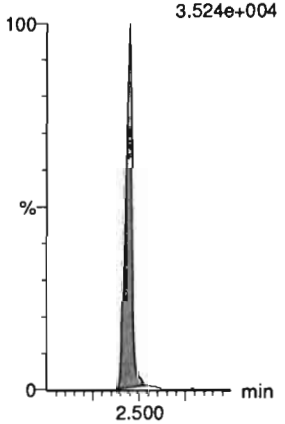
ADONA



13C2-PFHxA-EIS



13C3-PFBS-EIS



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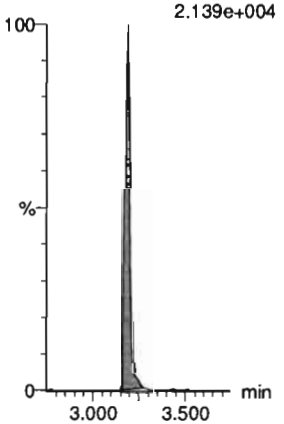
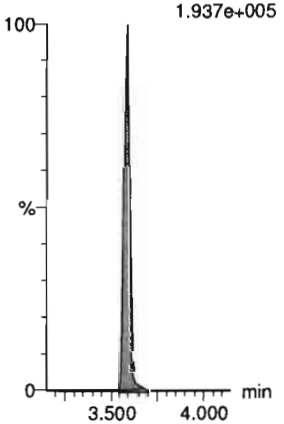


13C4-PFHpA-EIS



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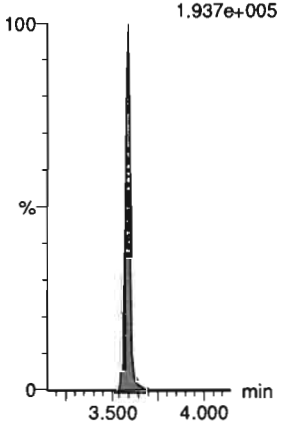

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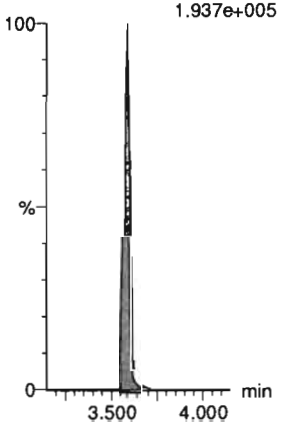

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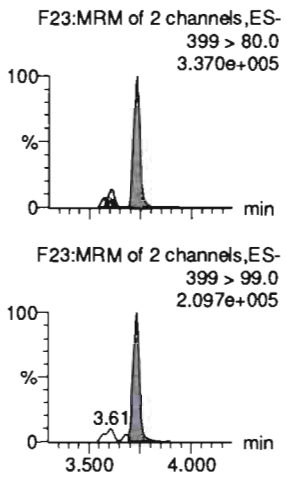
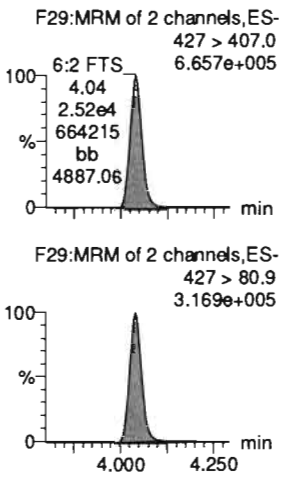
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

L-PFHxS



6:2 FTS



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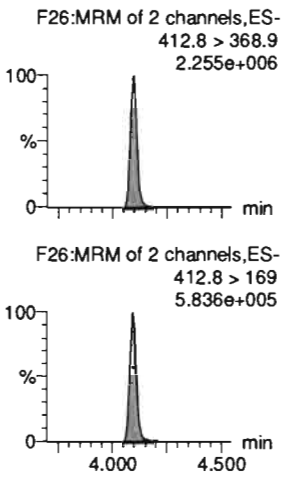

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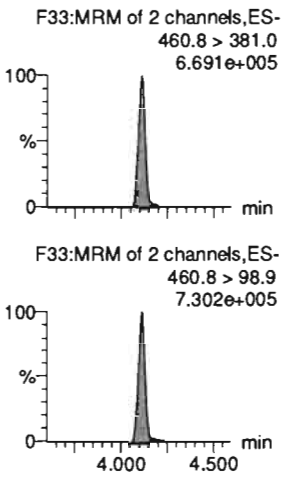

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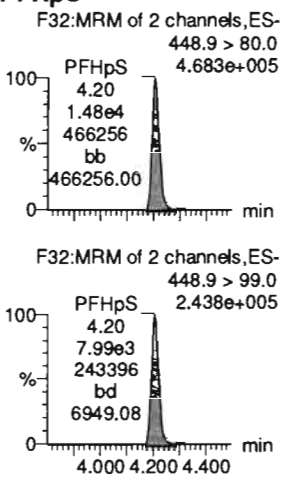
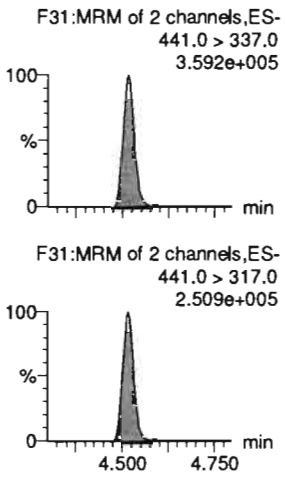


7:3 FTCA



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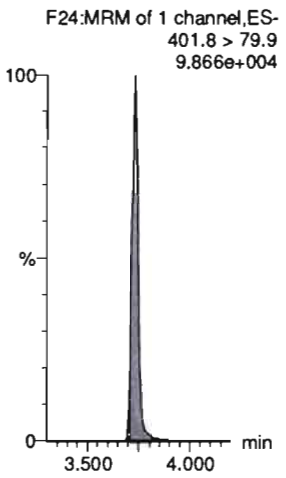
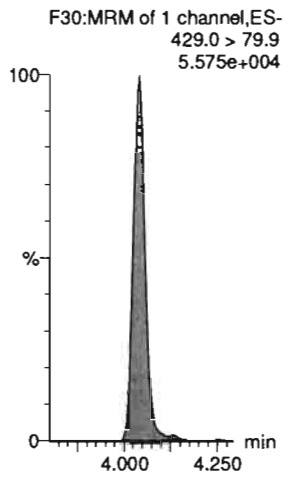


13C2-6:2 FTS-EIS



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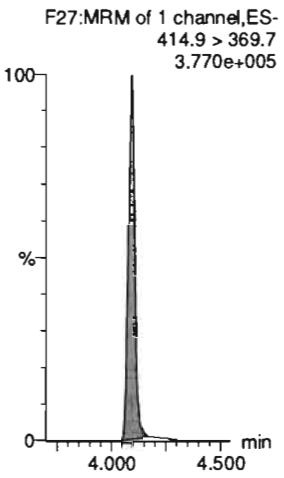

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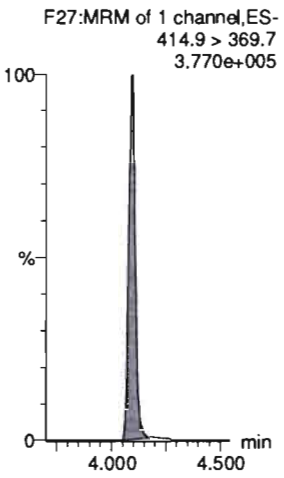
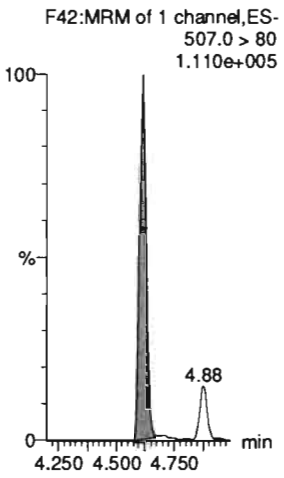
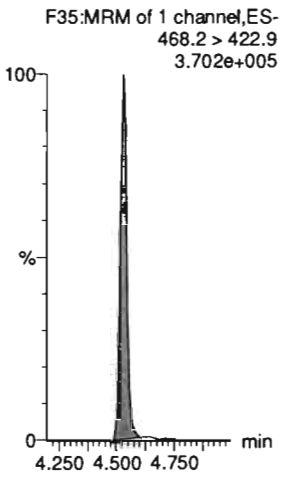


13C8-PFOS-EIS



13C5-PFNA-EIS



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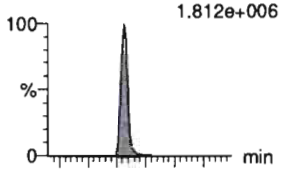
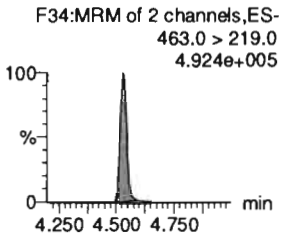
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

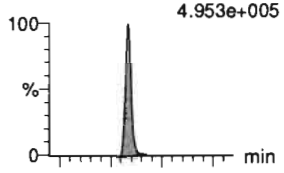
Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

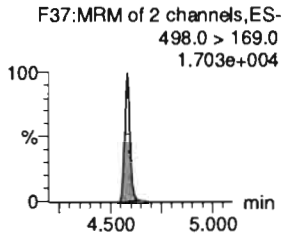
PFNA



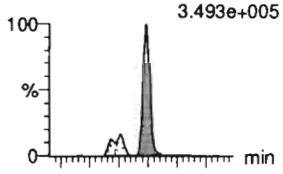


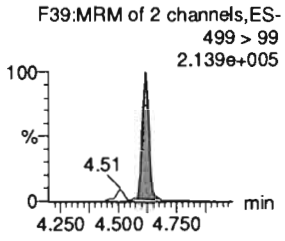
PFOSA



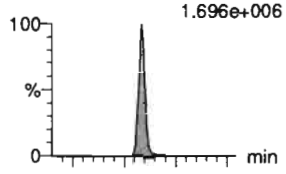


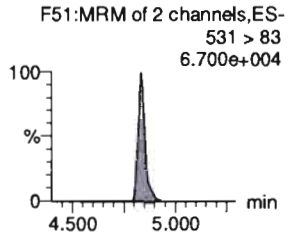
L-PFOS





9Cl-PF30NS





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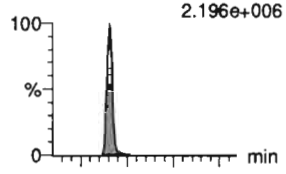
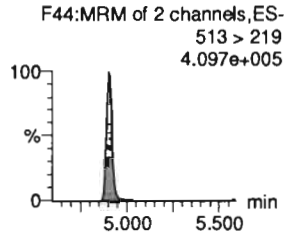
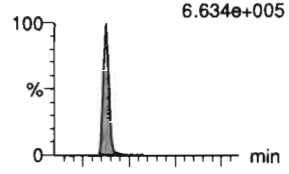
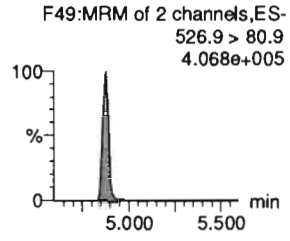




8:2 FTS





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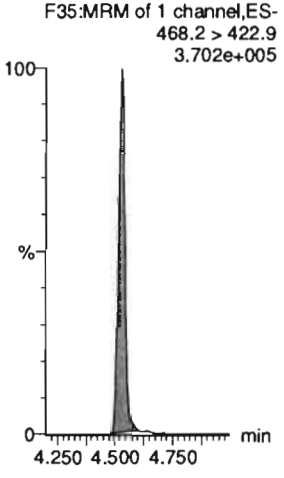
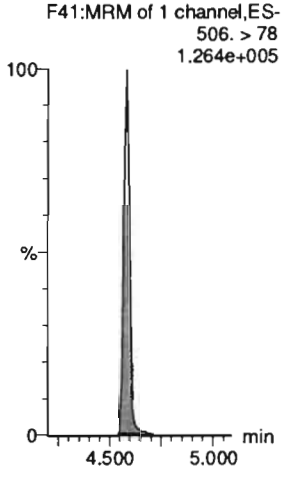


13C8-PFOSA-EIS



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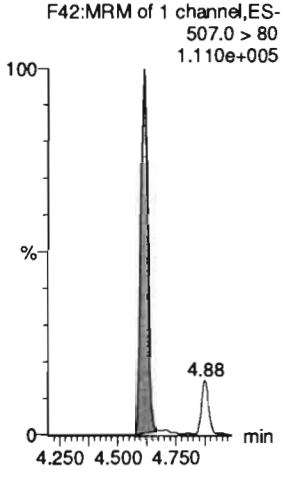

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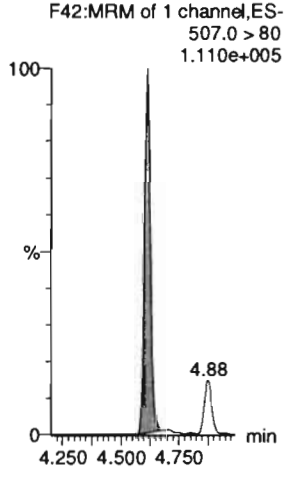
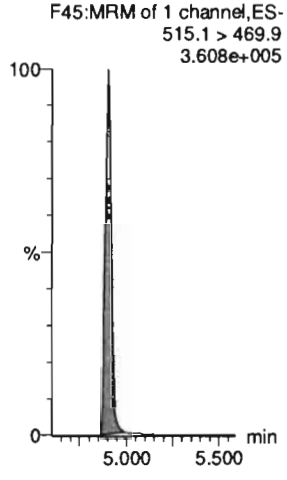
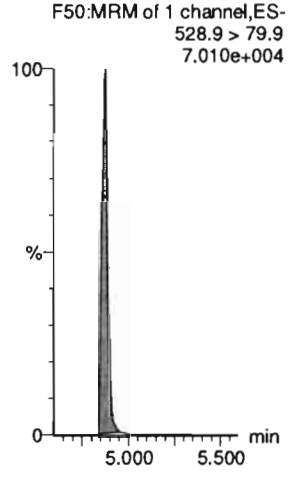


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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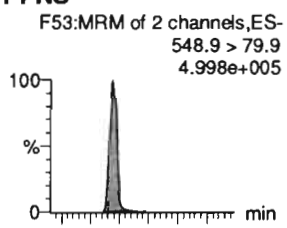
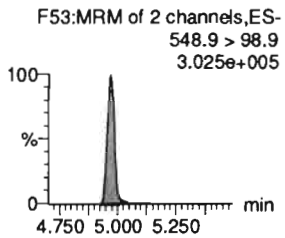
Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

PFNS





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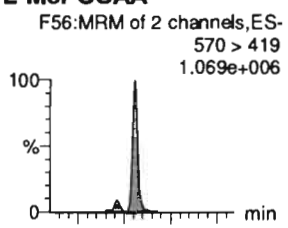
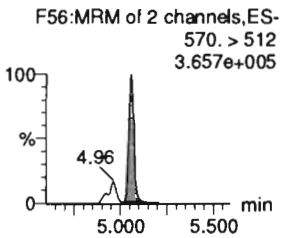
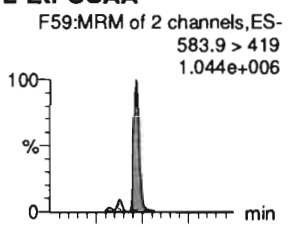
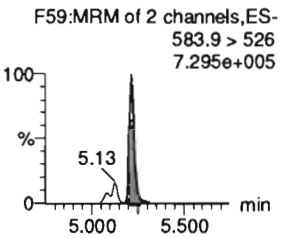


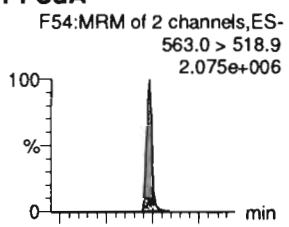


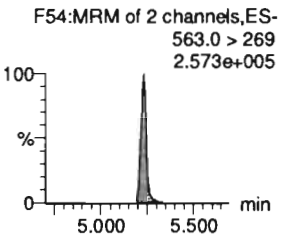
L-EtFOSAA



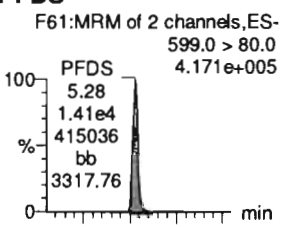


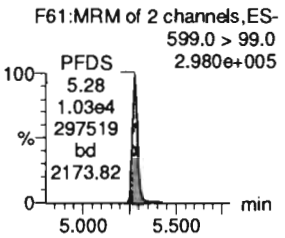
PFUdA



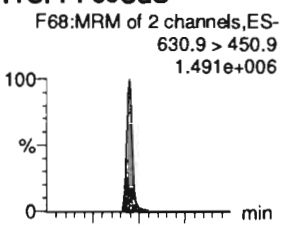


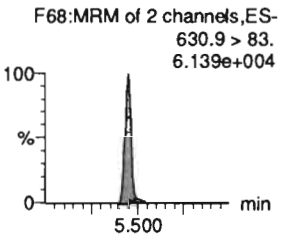
PFDS



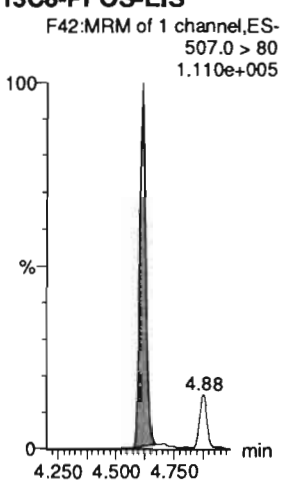


11Cl-PF30UdS

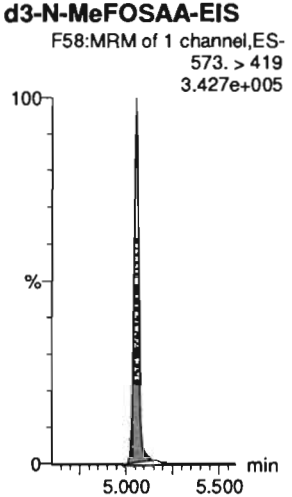




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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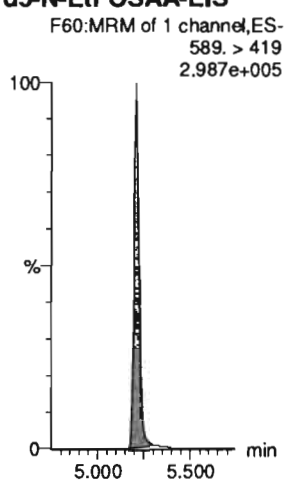

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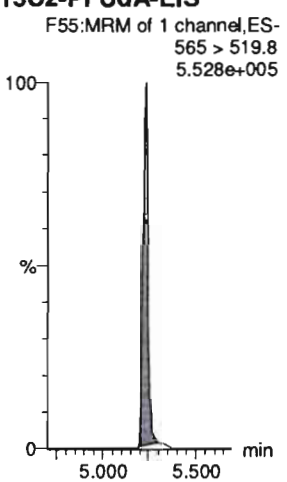
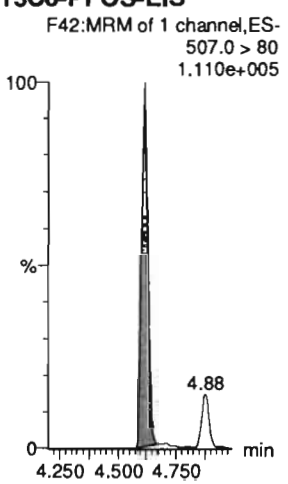
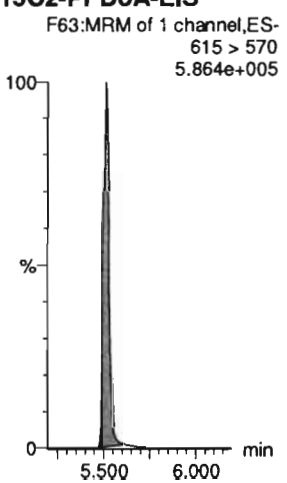


13C8-PFOS-EIS



13C2-PFDoA-EIS

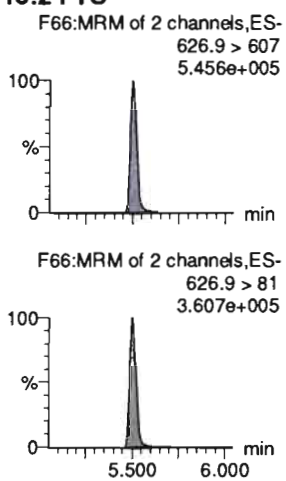


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

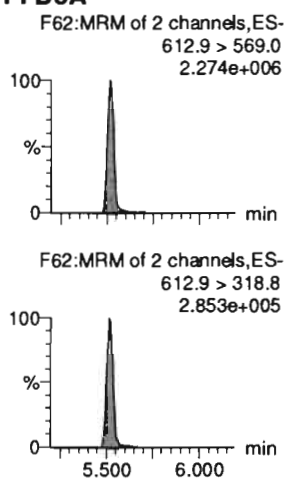
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

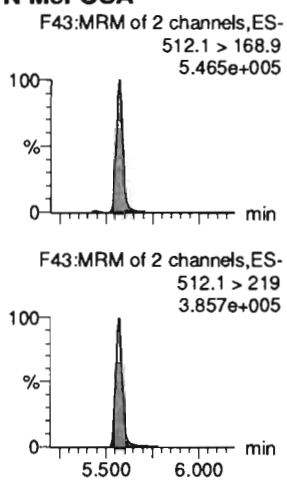
10:2 FTS



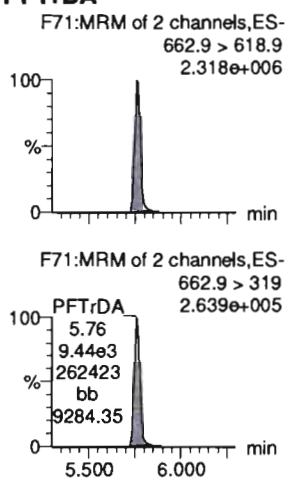
PFDoA



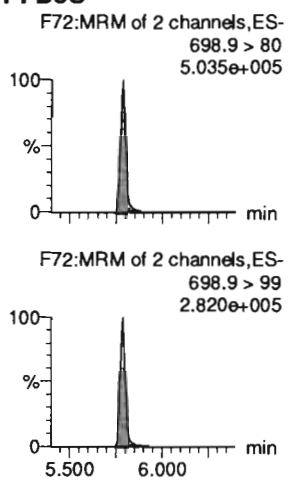
N-MeFOSA



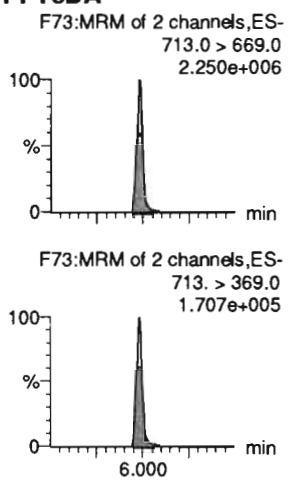
PFTrDA



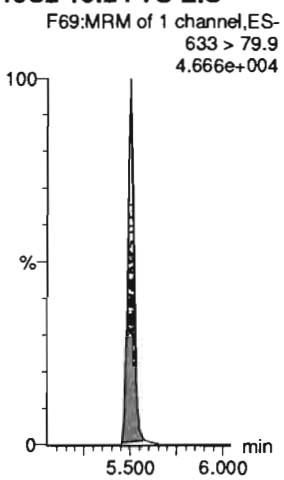
PFDoS



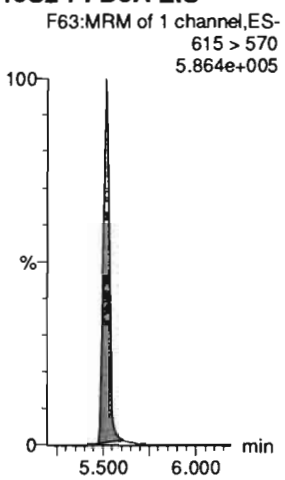
PFTeDA



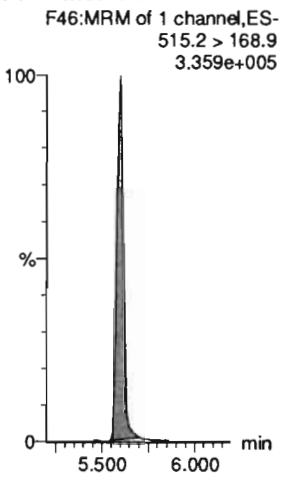
13C2-10:2 FTS-EIS



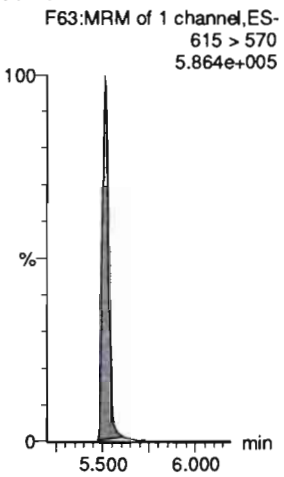
13C2-PFDoA-EIS



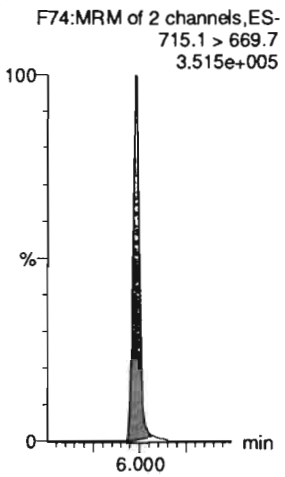
d3-N-MeFOSA-EIS



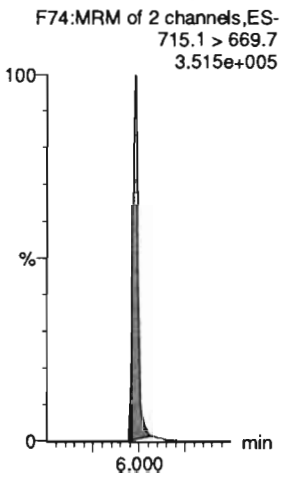
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

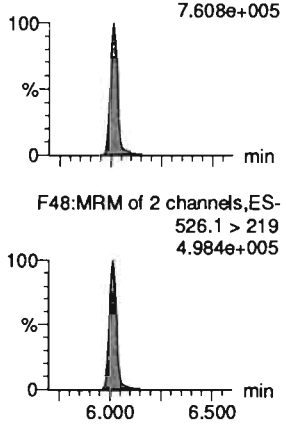


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

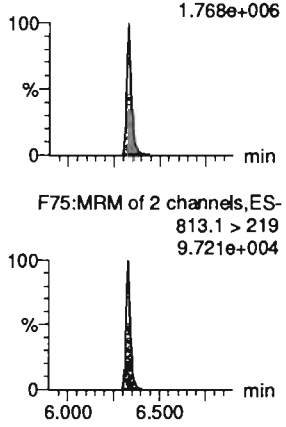
Last Altered: Wednesday, June 24, 2020 10:13:50 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:14:06 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

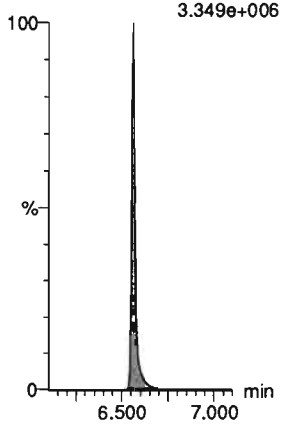
N-EtFOSA



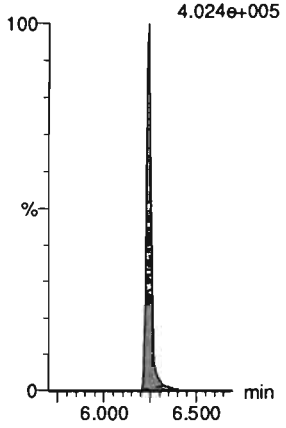
PFHxDA



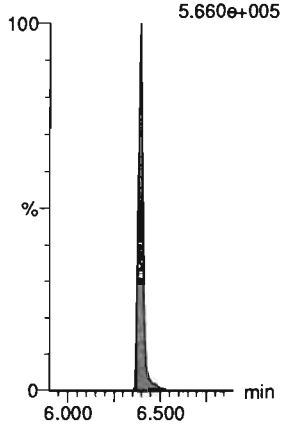
PFODA



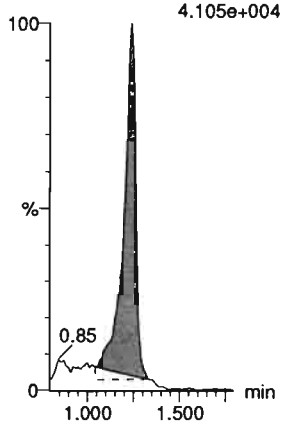
N-MeFOSE



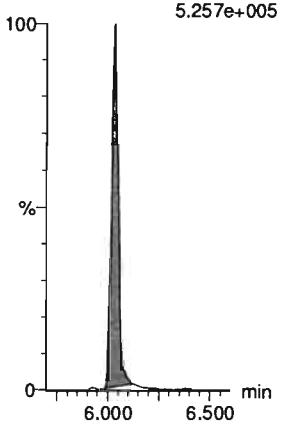
N-EtFOSE



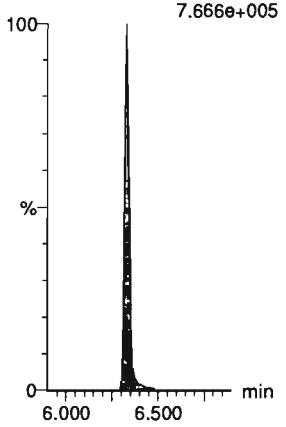
13C3-PFBA-RSD



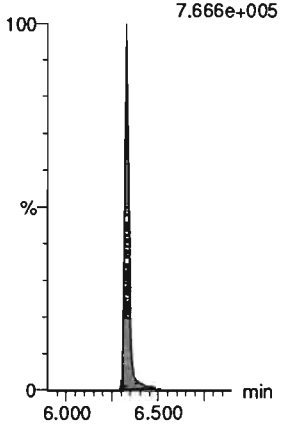
d5-N-ETFOSA-EIS



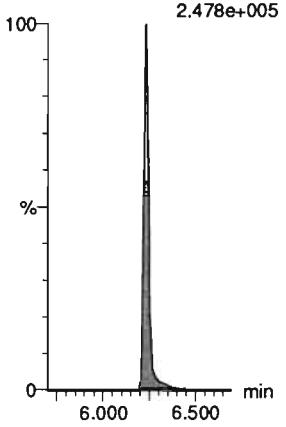
13C2-PFHxDA-EIS



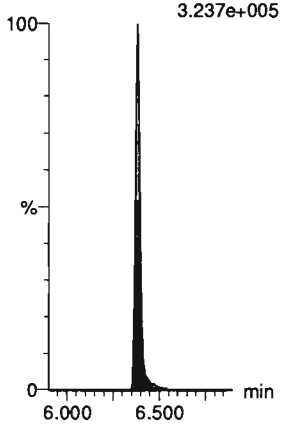
13C2-PFHxDA-EIS



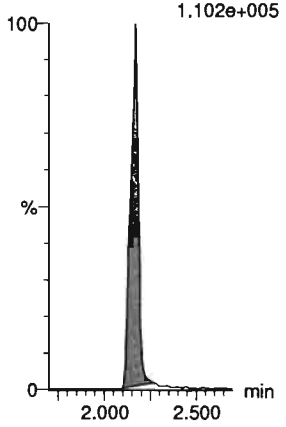
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

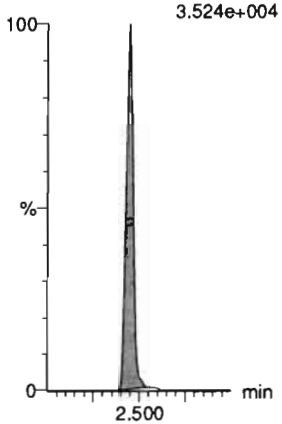


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

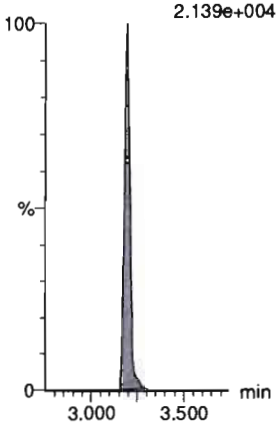
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

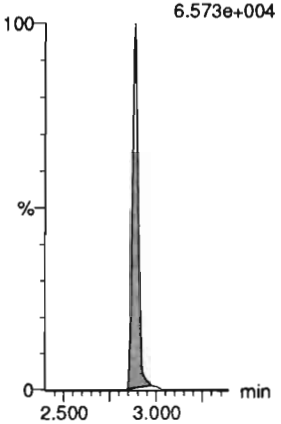
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.524e+004



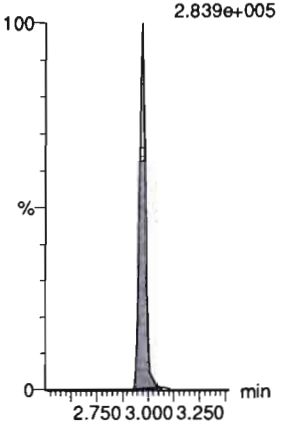
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.139e+004



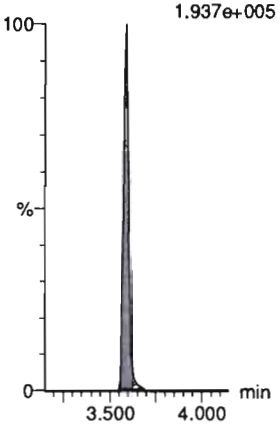
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.573e+004



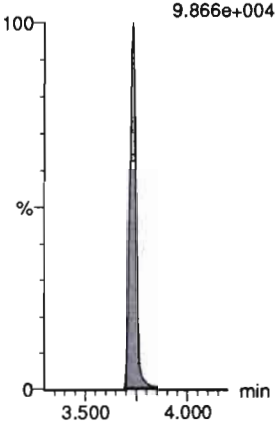
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.839e+005



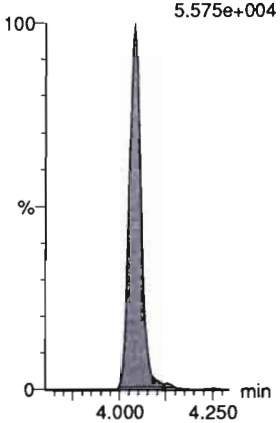
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.937e+005



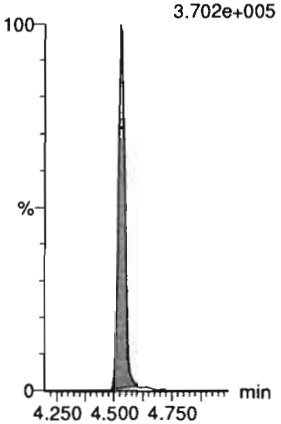
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.866e+004



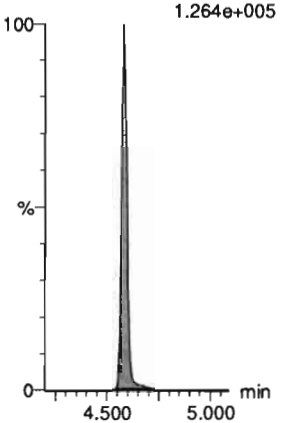
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.575e+004



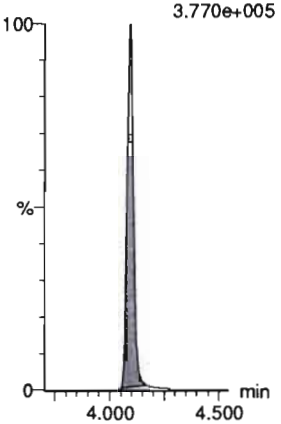
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.702e+005



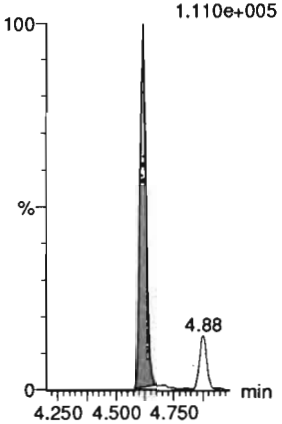
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.264e+005



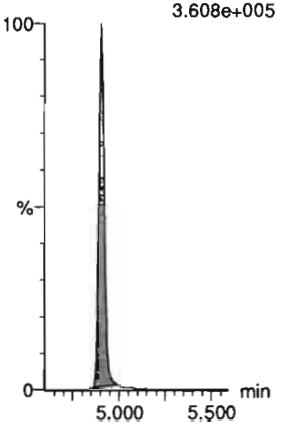
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.770e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.110e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.608e+005

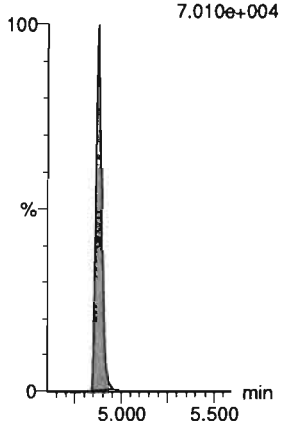


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

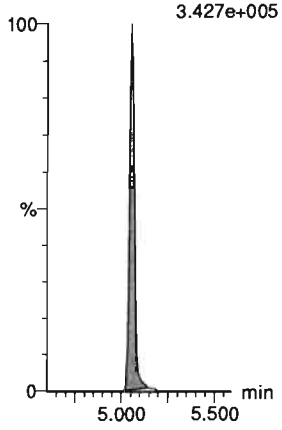
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

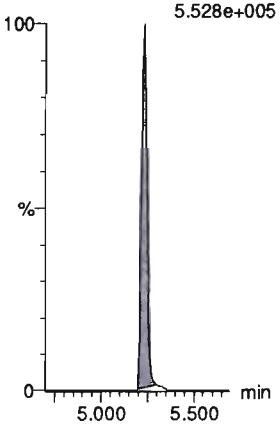
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
7.010e+004



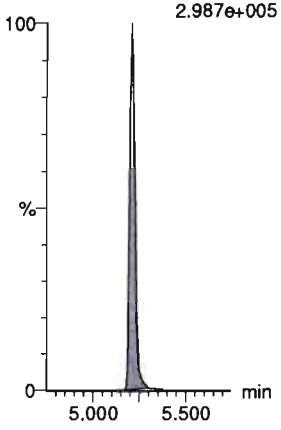
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.427e+005



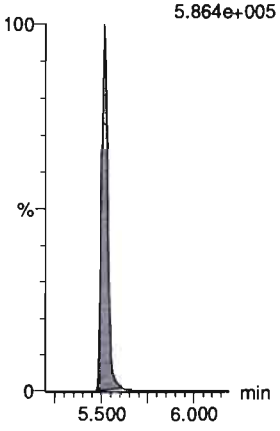
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.528e+005



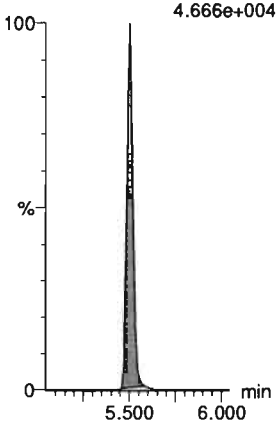
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.987e+005



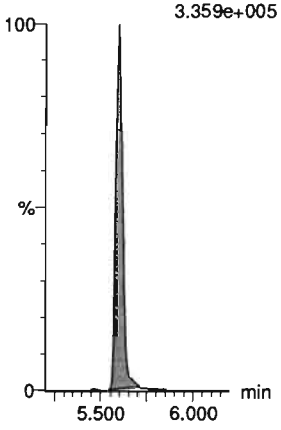
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.864e+005



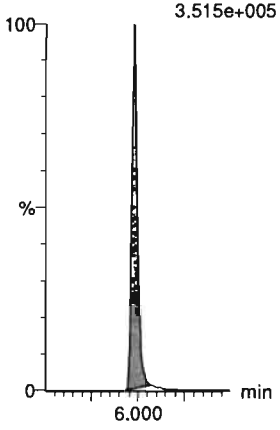
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.666e+004



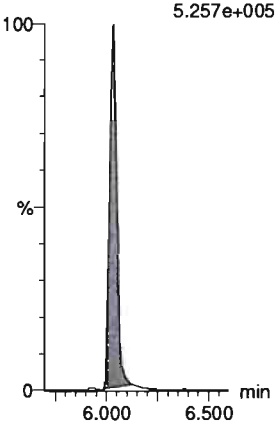
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.359e+005



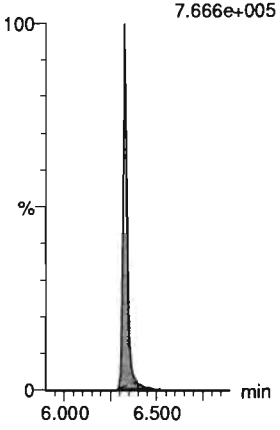
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.515e+005



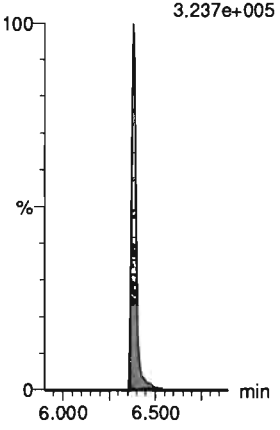
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.257e+005



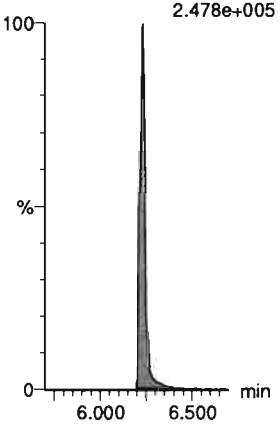
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.666e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.237e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.478e+005



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

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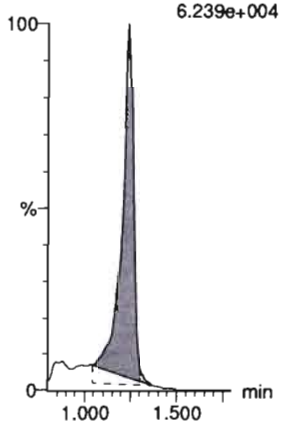
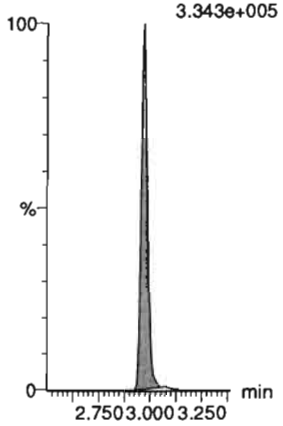
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_10, Date: 23-Jun-2020, Time: 13:36:57, ID: ST200623M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

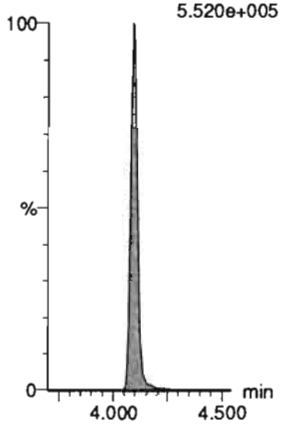
13C4-PFBA



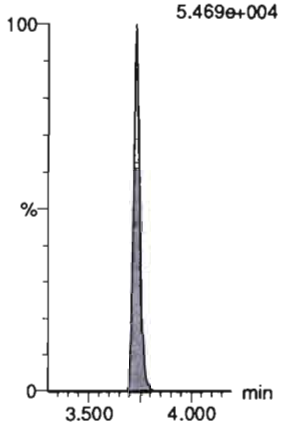
13C5-PFHxA



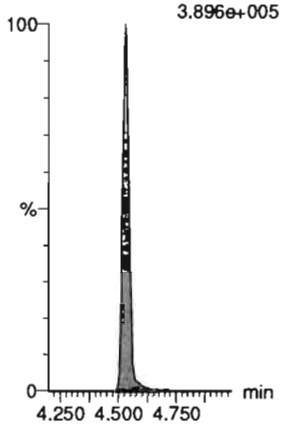
13C8-PFOA



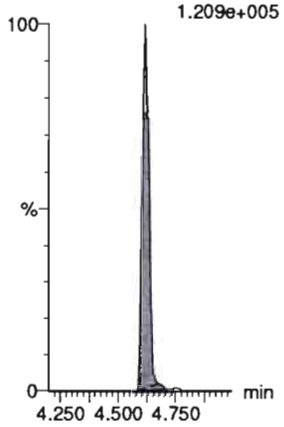
18O2-PFHxS



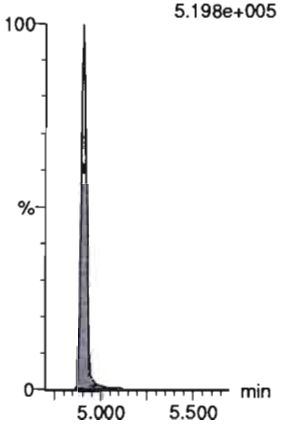
13C9-PFNA



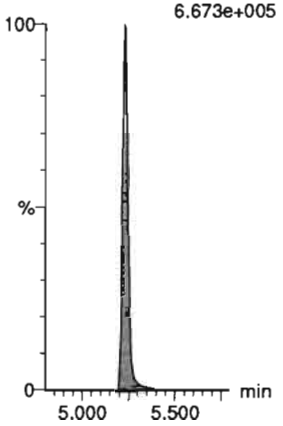
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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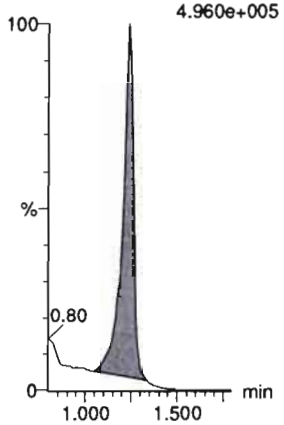
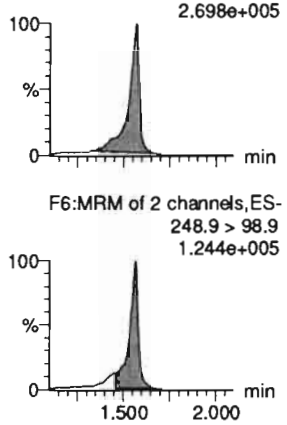
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

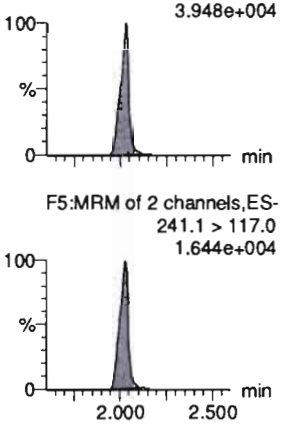
PFBA



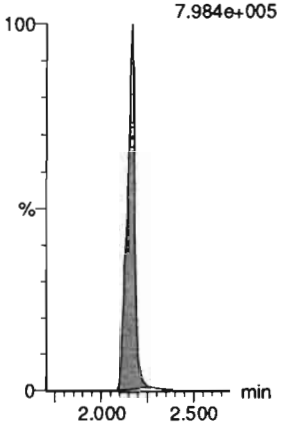
PFPrS



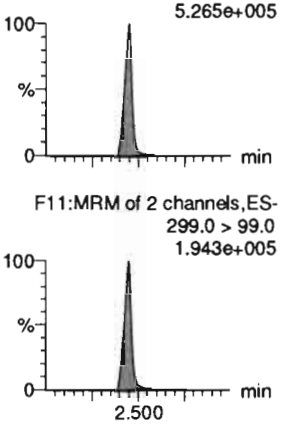
3:3 FTCA



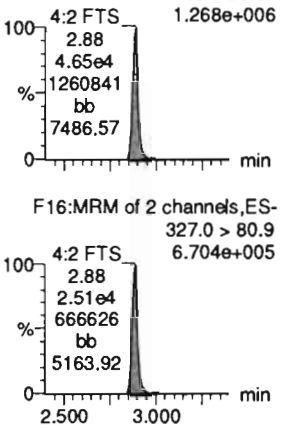
PFPeA



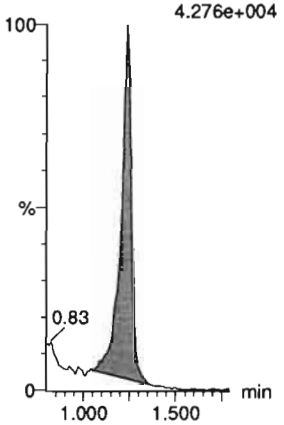
PFBS



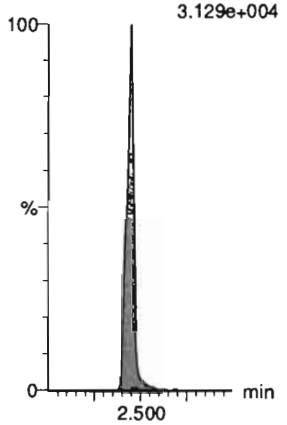
4:2 FTS



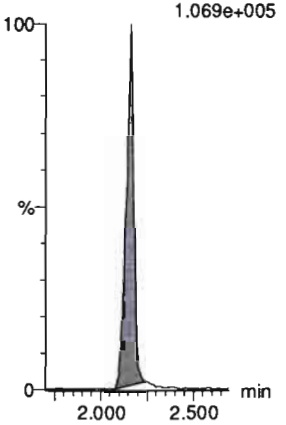
13C3-PFBA-EIS



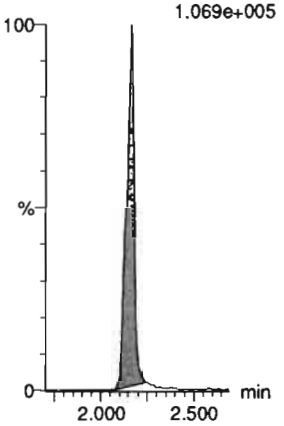
13C3-PFBS-EIS



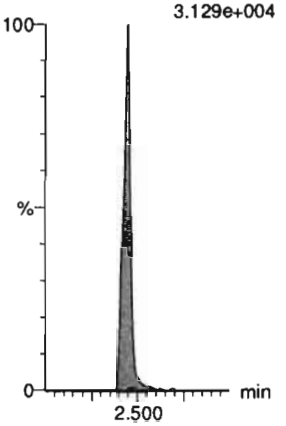
13C3-PFPeA-EIS



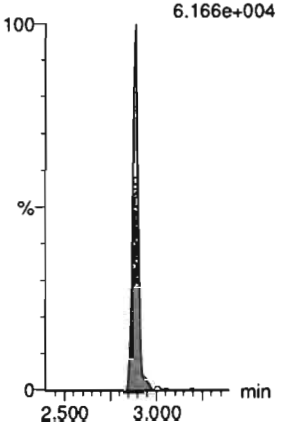
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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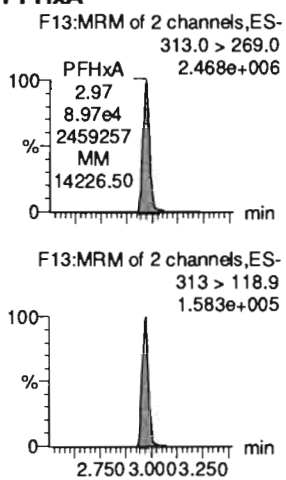
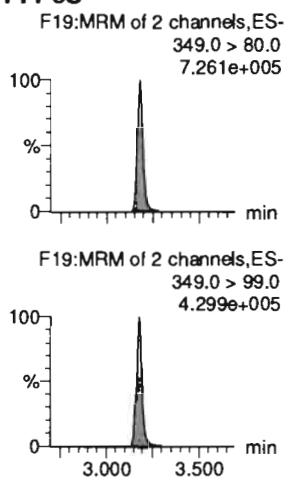
Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

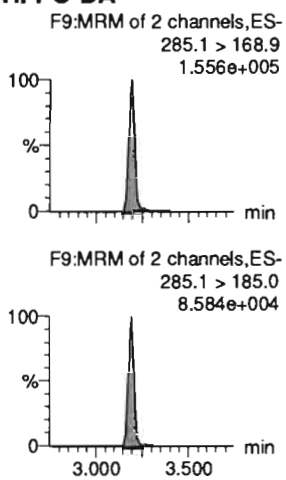
PFHxA



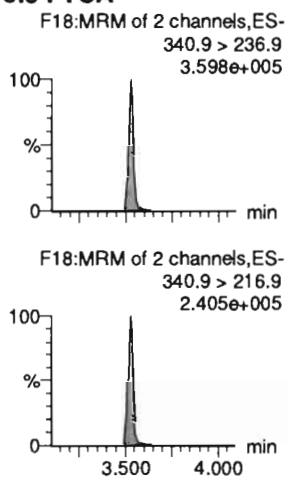
PFPeS



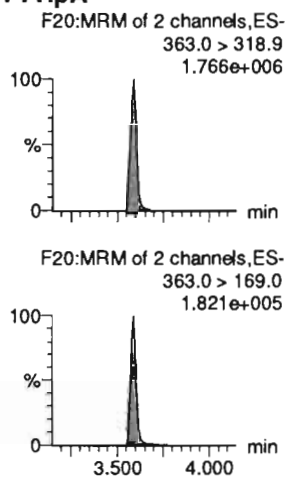
HFPO-DA



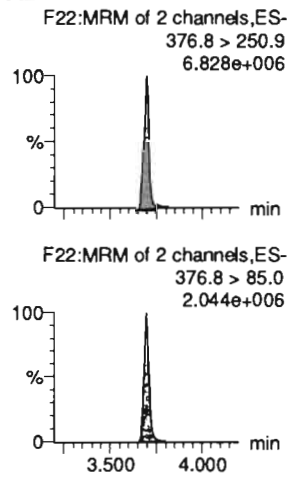
5:3 FTCA



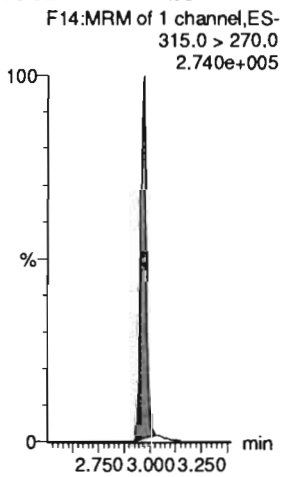
PFHpA



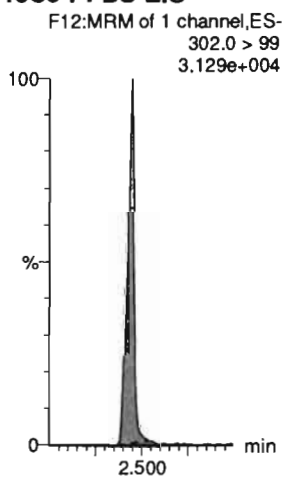
ADONA



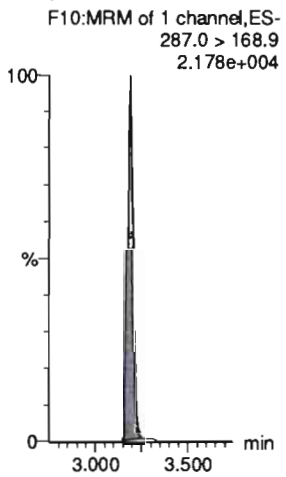
13C2-PFHxA-EIS



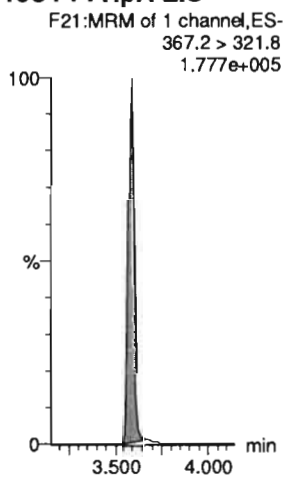
13C3-PFBS-EIS



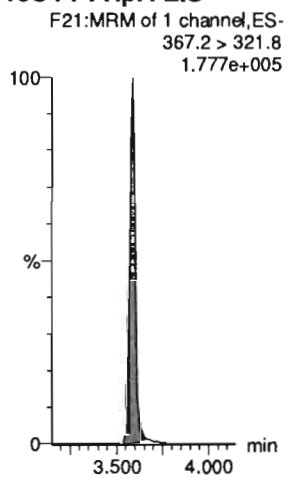
13C3-HFPO-DA-EIS



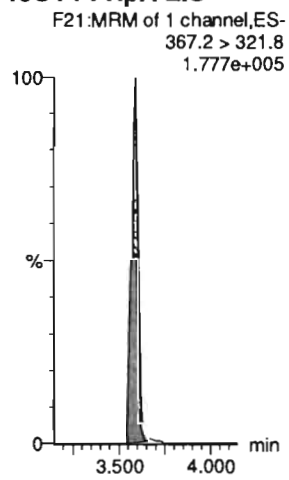
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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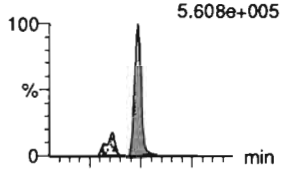
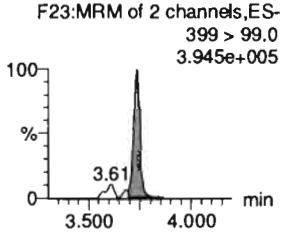
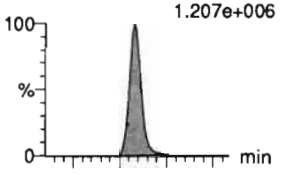
Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

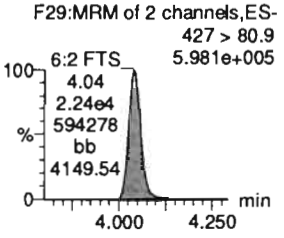
L-PFHxS



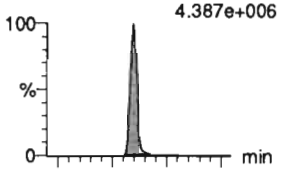


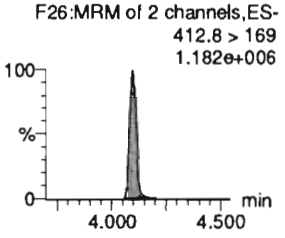
6:2 FTS



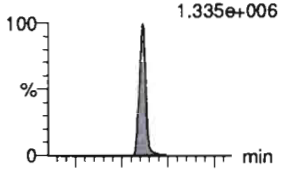


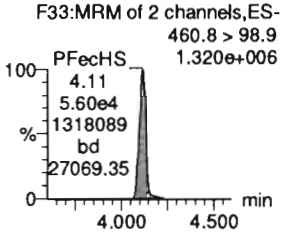
L-PFOA



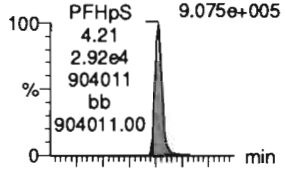


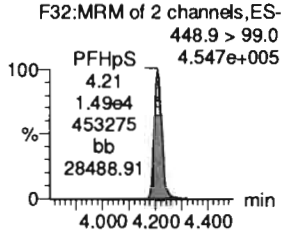
PFEChS



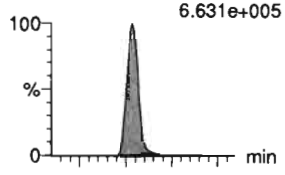


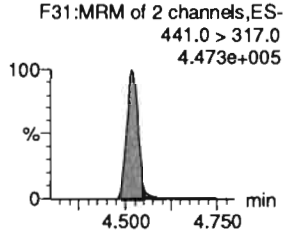
PFHpS



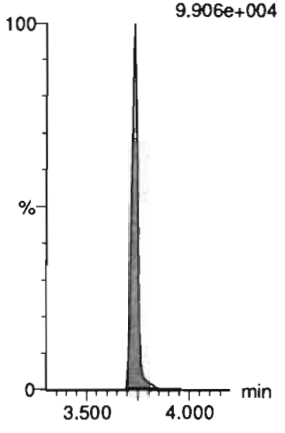


7:3 FTCA

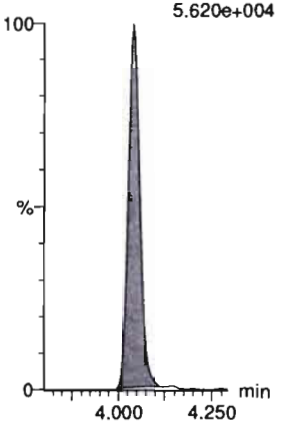




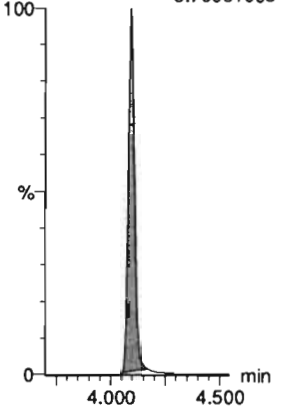
13C3-PFHxS-EIS



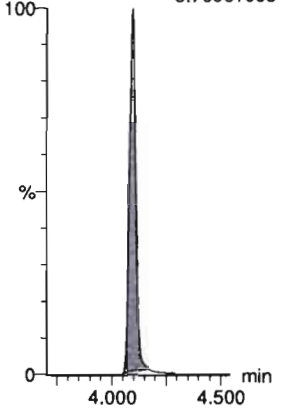
13C2-6:2 FTS-EIS



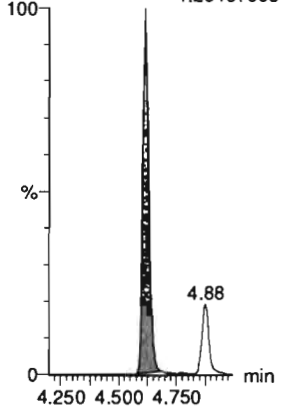
13C2-PFOA-EIS



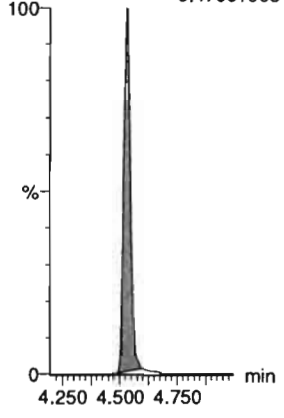
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

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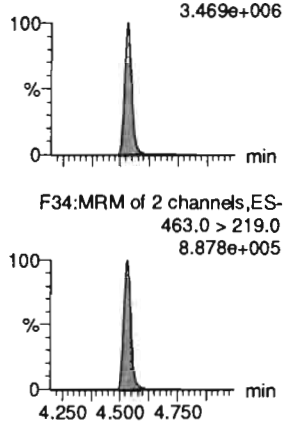
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

PFNA



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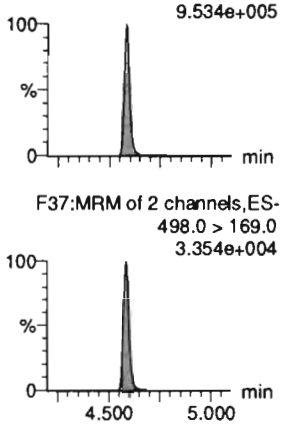
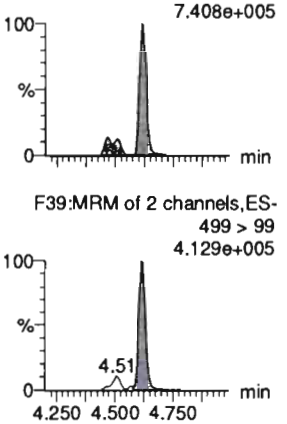
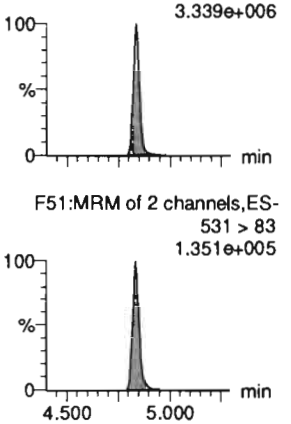


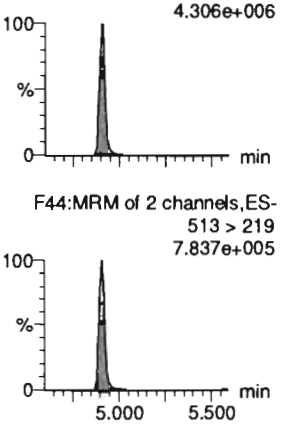
L-PFOS



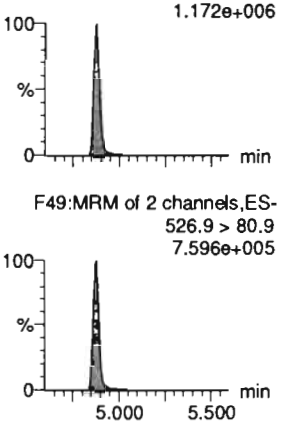
9Cl-PF30NS



PFDA



8:2 FTS



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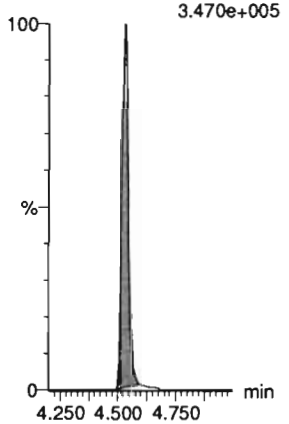
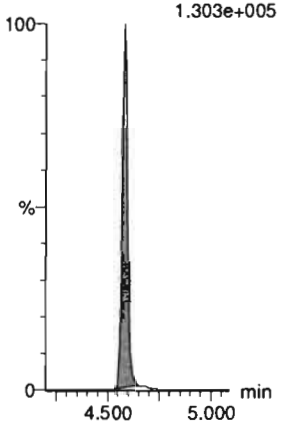


13C8-PFOSA-EIS



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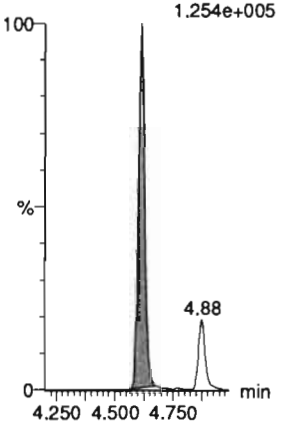

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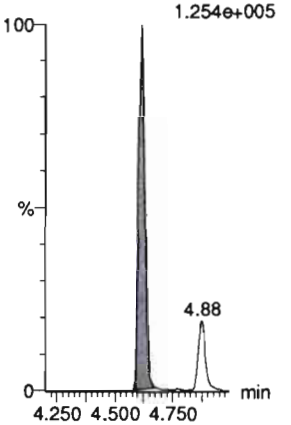

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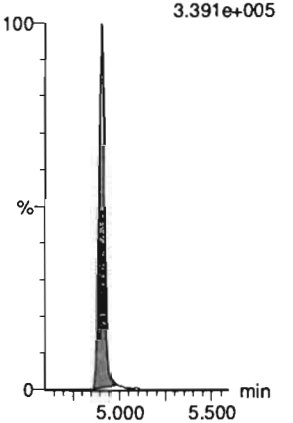
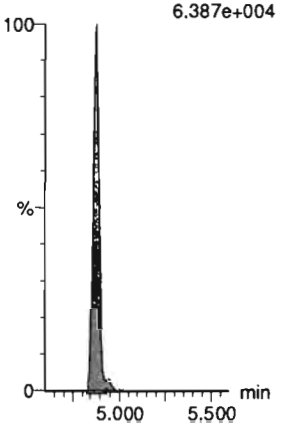


13C2-8:2 FTS-EIS



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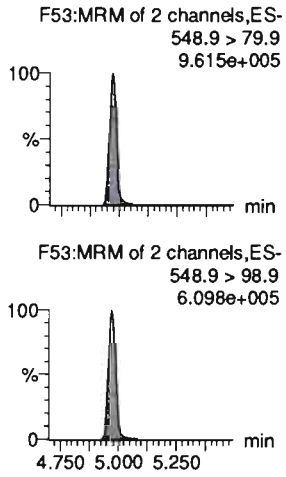
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

PFNS



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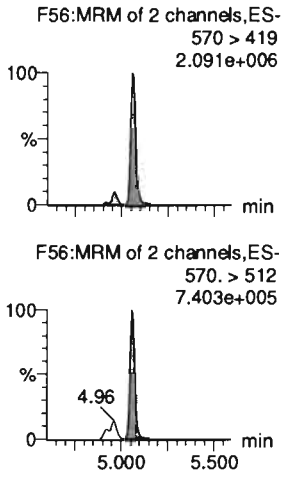

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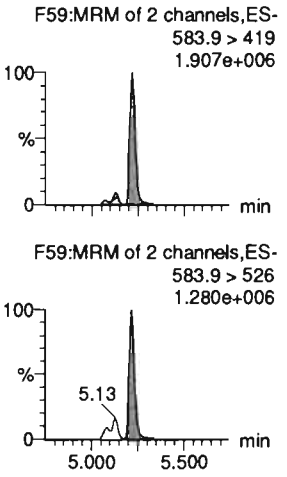

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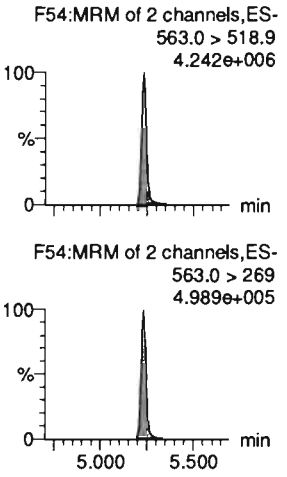

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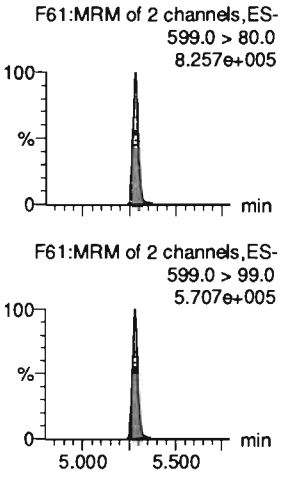
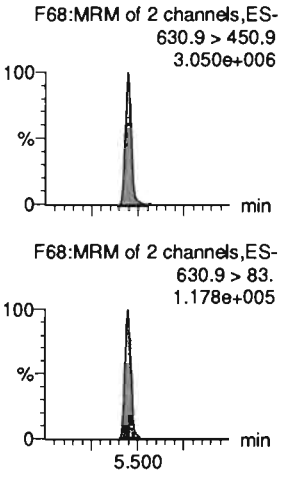
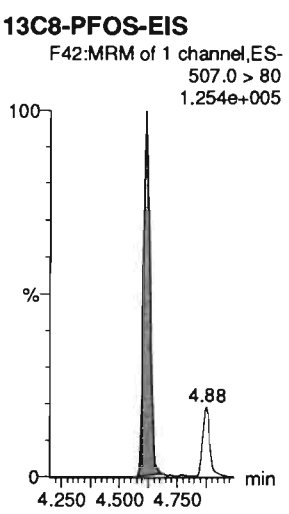


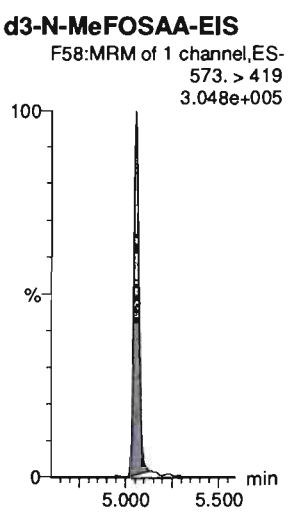
11Cl-PF30UdS



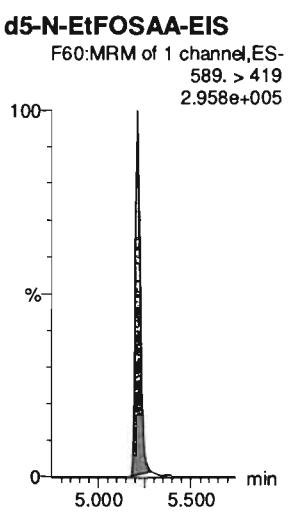
13C8-PFOS-EIS



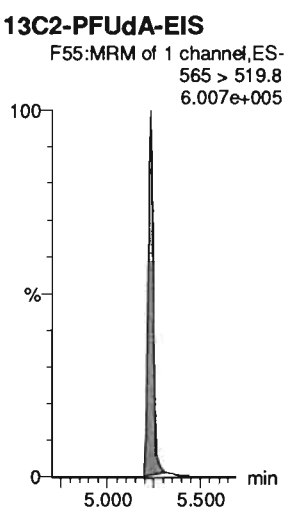
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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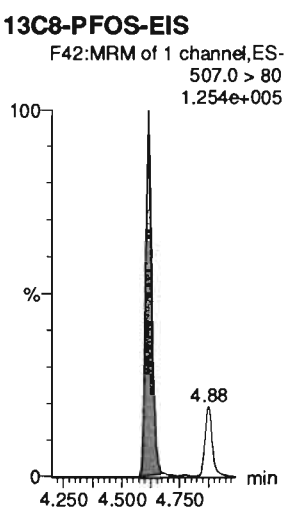

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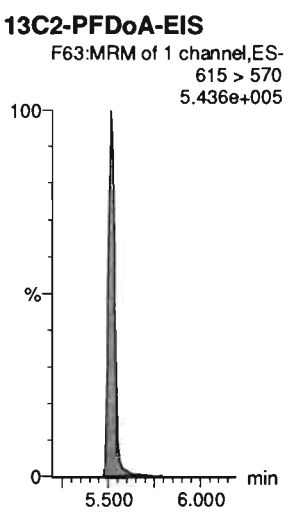

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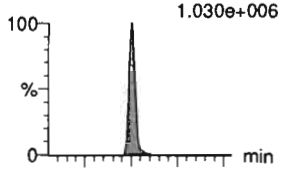
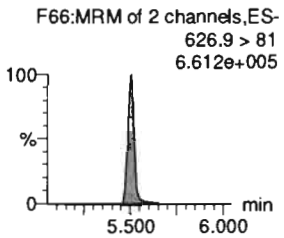
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

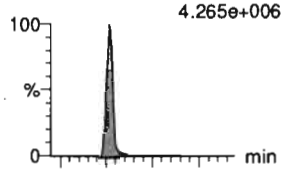
Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

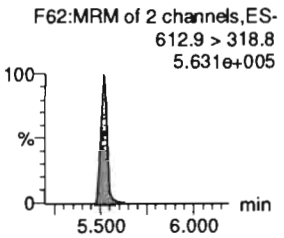
10:2 FTS



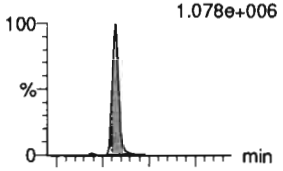


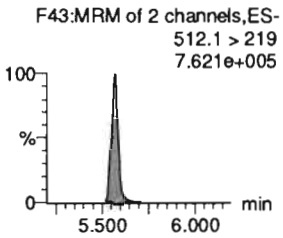
PFDoA





N-MeFOSA





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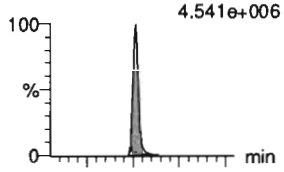

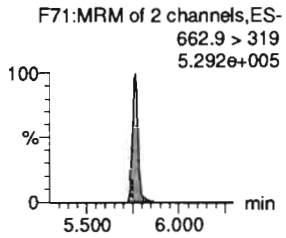

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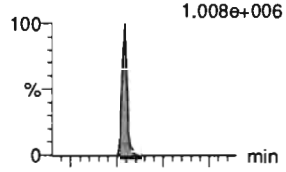
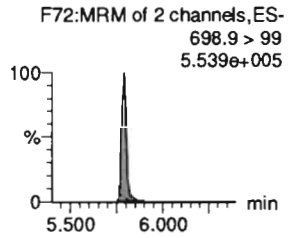
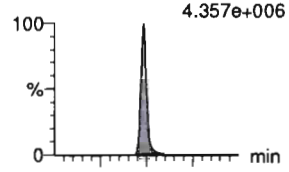
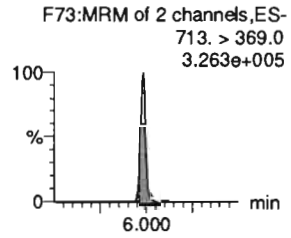


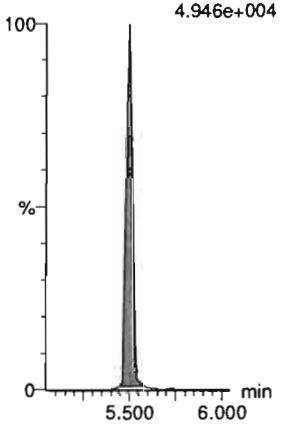


PFTeDA

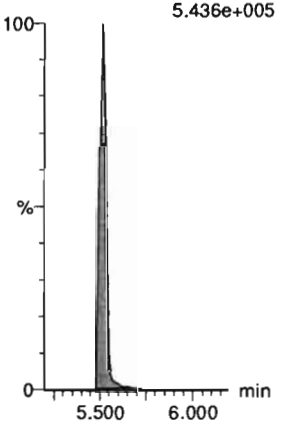




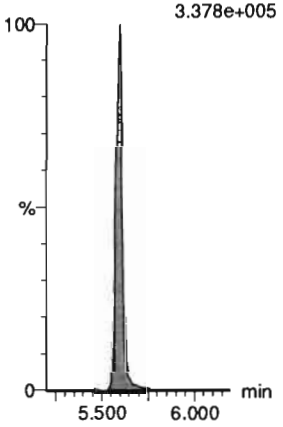
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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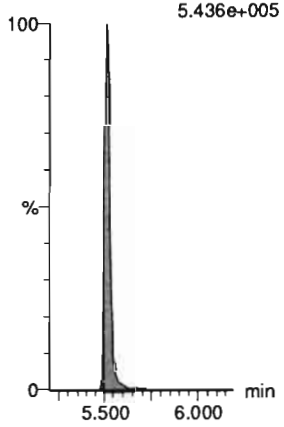

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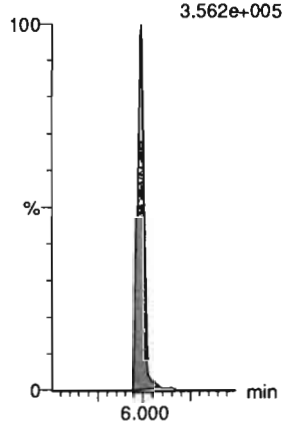

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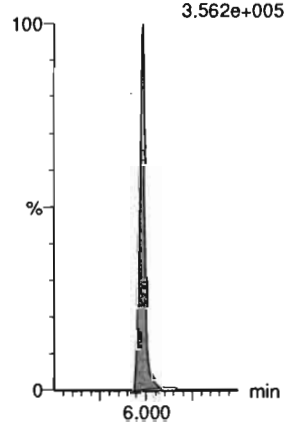

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 10:13:50 Pacific Daylight Time
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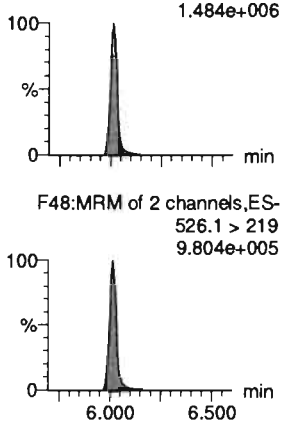
Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

N-EtFOSA



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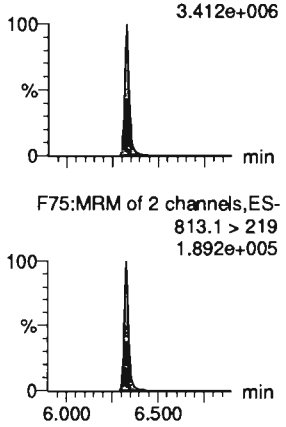
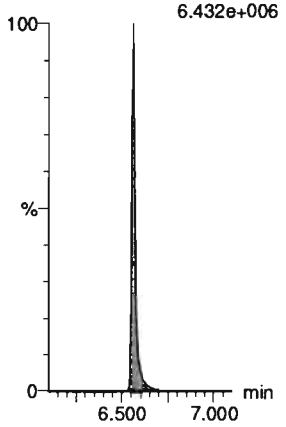
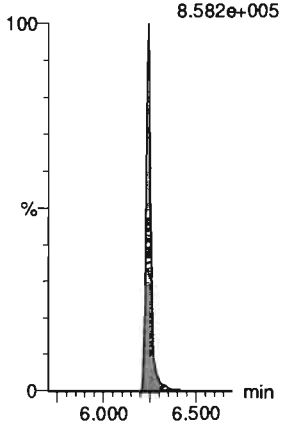


PFODA



N-MeFOSE



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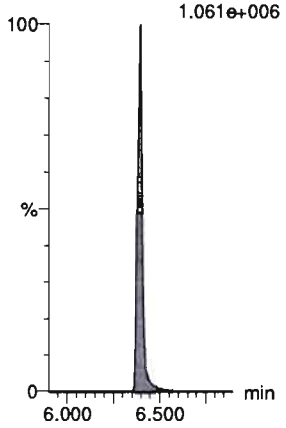
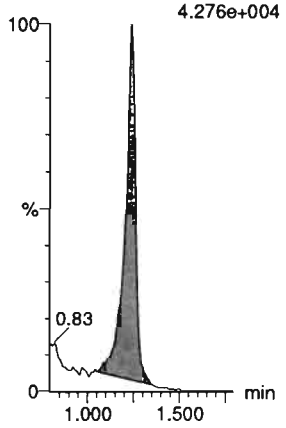
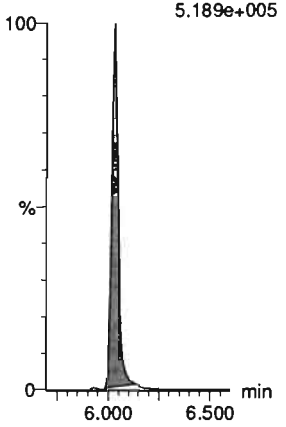


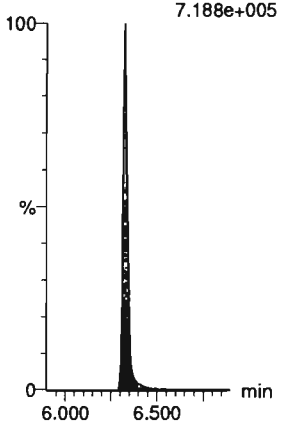
13C3-PFBA-RSD



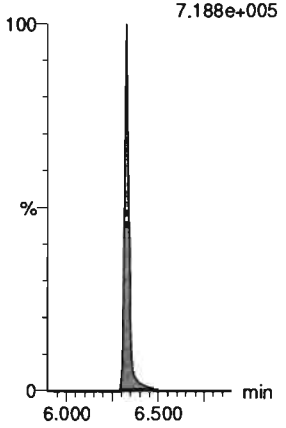
d5-N-ETFOSA-EIS



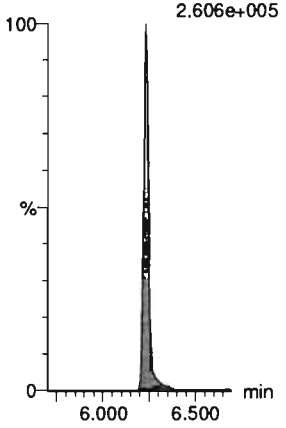
13C2-PFHxDA-EIS



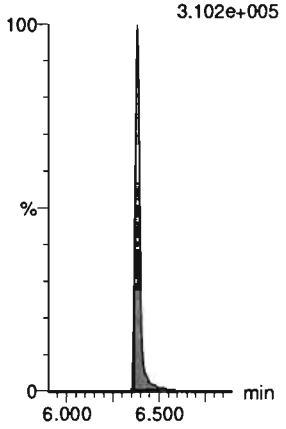
13C2-PFHxDA-EIS



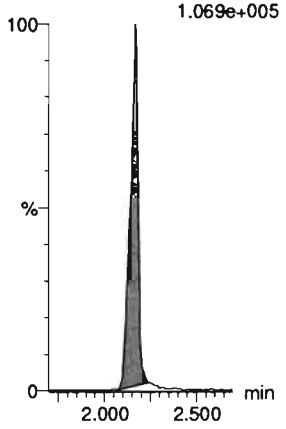
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

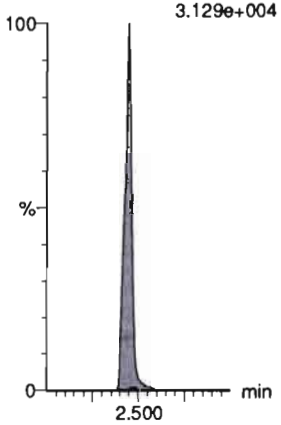


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

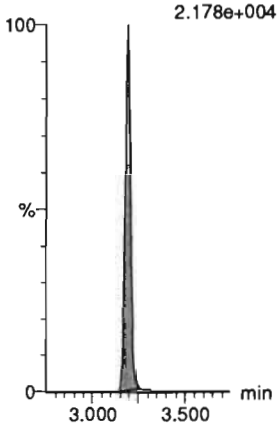
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

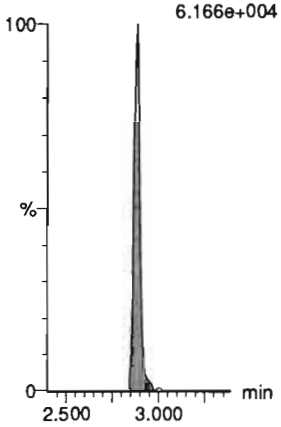
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.129e+004



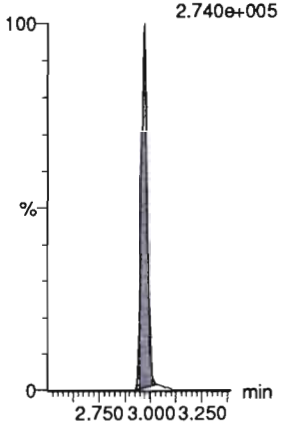
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.178e+004



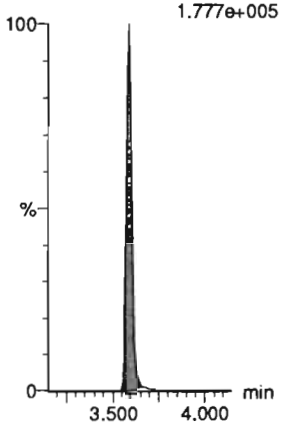
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.166e+004



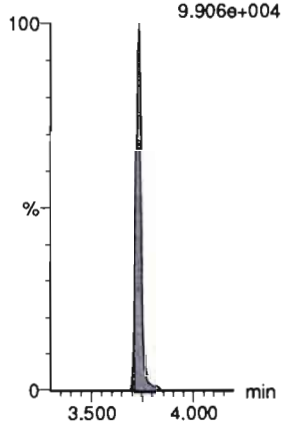
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.740e+005



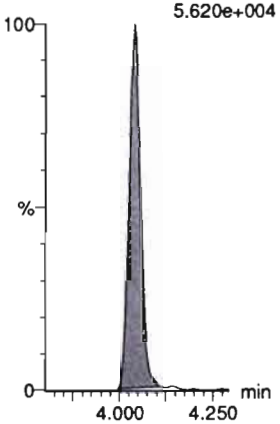
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.777e+005



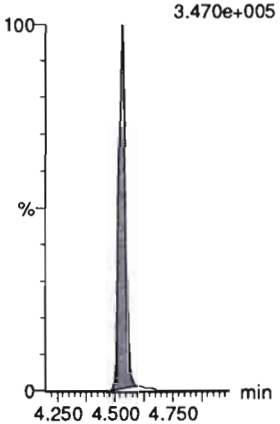
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.906e+004



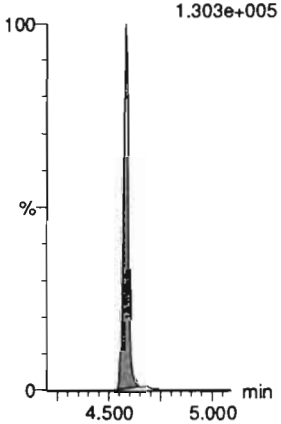
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.620e+004



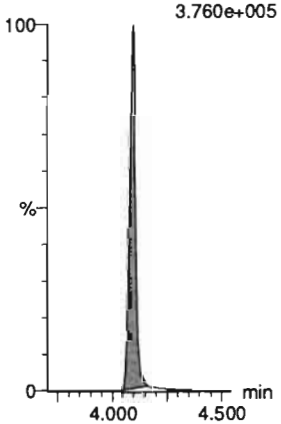
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.470e+005



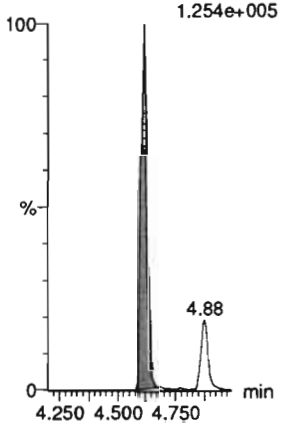
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.303e+005



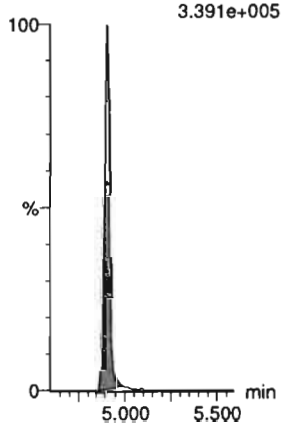
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.760e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.254e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.391e+005

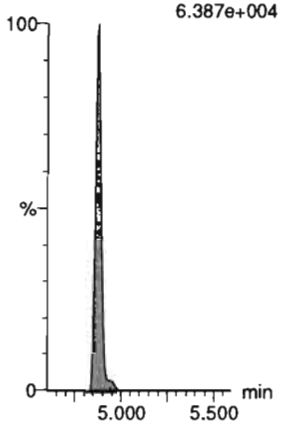


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

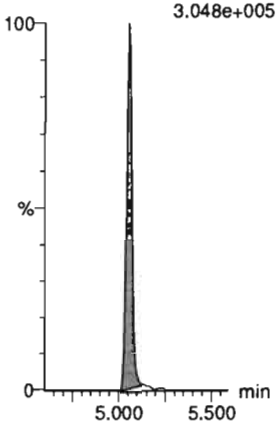
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

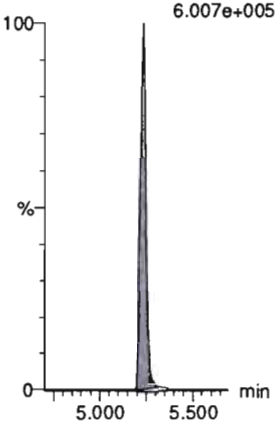
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
6.387e+004



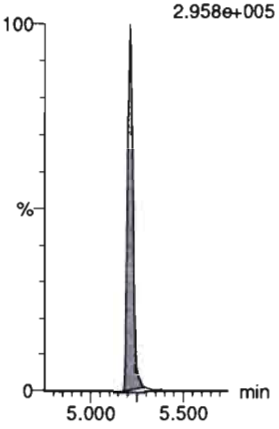
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.048e+005



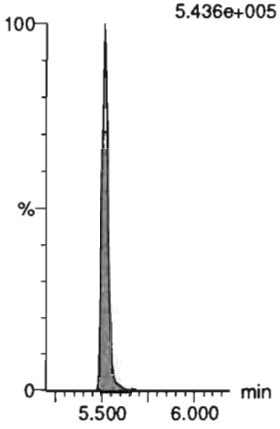
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
6.007e+005



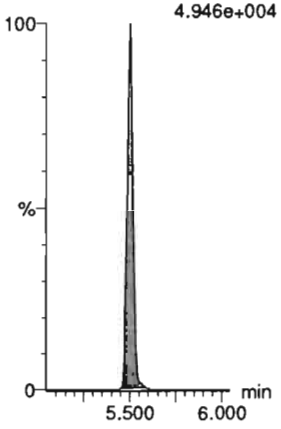
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.958e+005



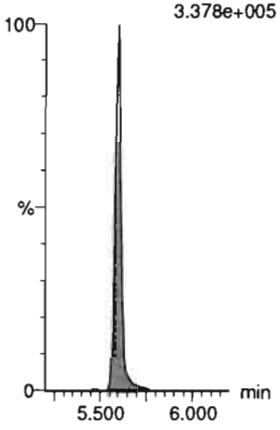
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.436e+005



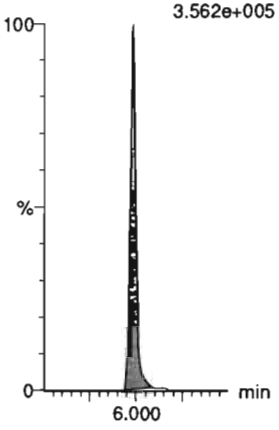
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.946e+004



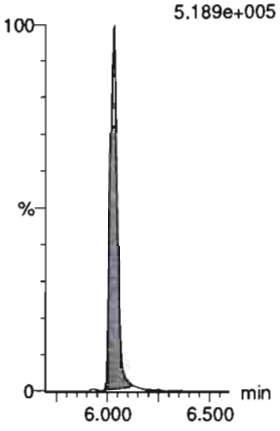
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.378e+005



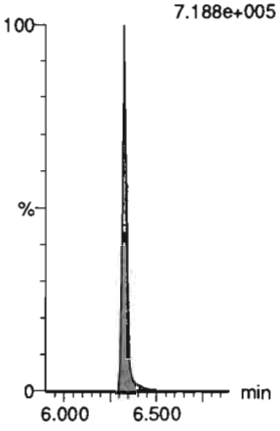
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.562e+005



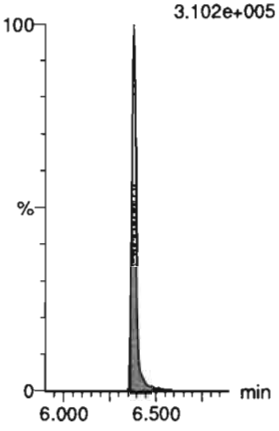
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.189e+005



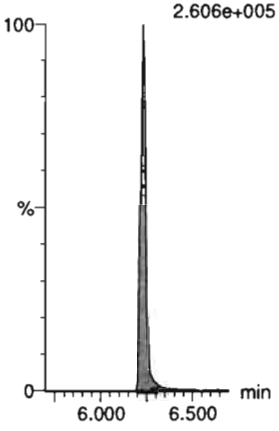
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.188e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.102e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.606e+005

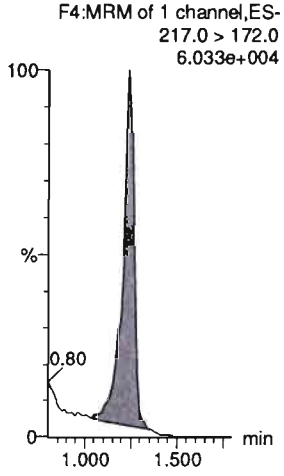


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

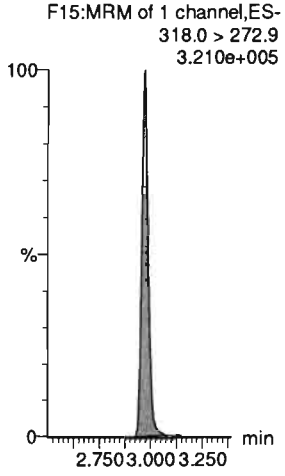
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_11, Date: 23-Jun-2020, Time: 13:47:22, ID: ST200623M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

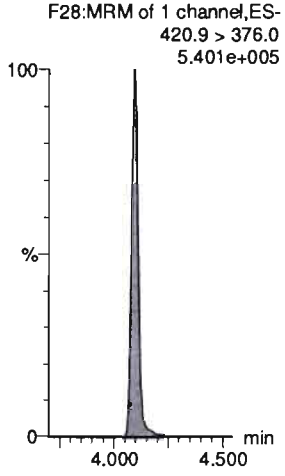
13C4-PFBA



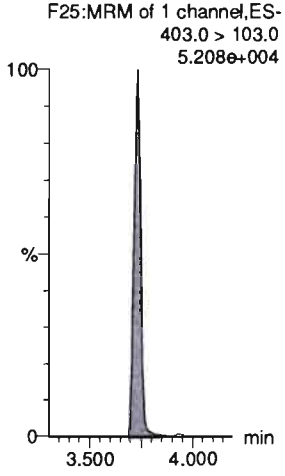
13C5-PFHxA



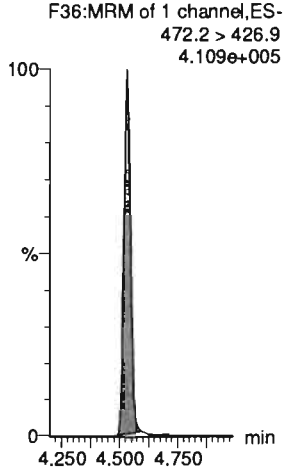
13C8-PFOA



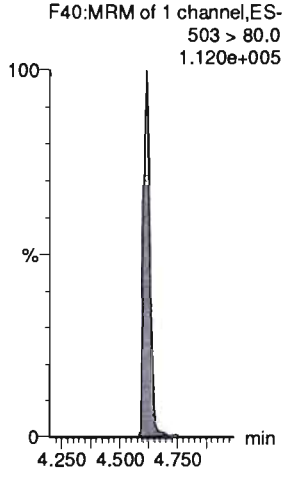
18O2-PFHxS



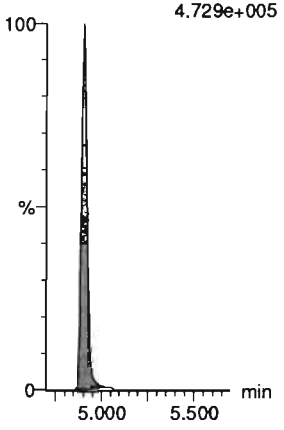
13C9-PFNA



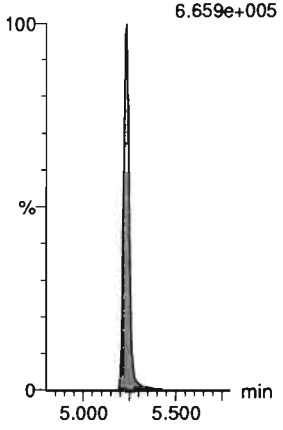
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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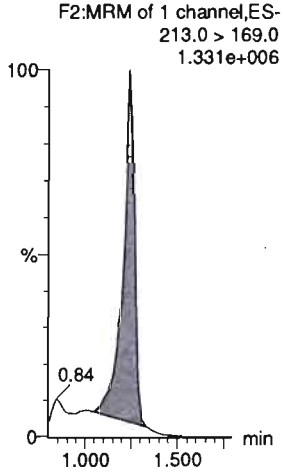
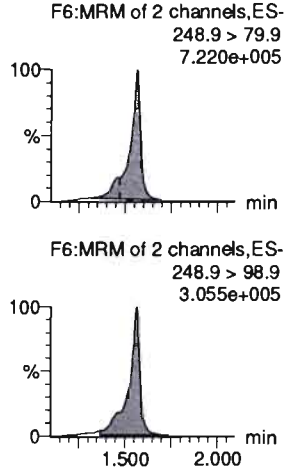
Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

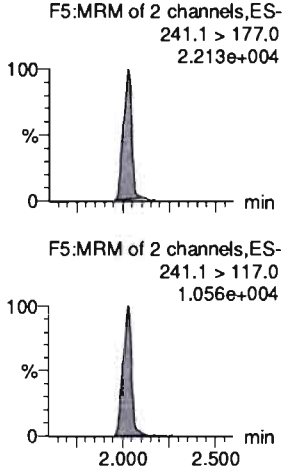
PFBA



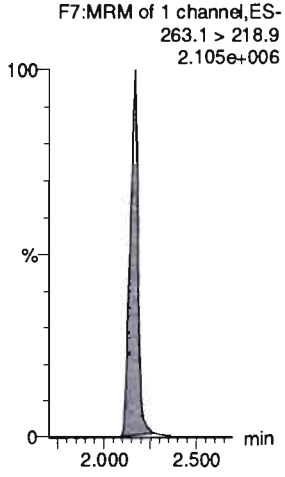
PFPrS



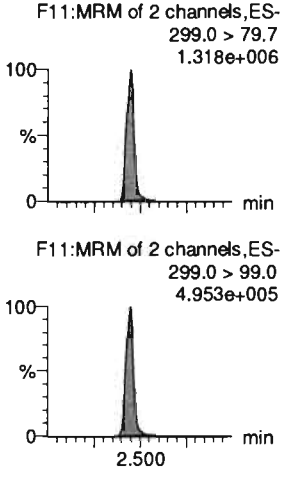
3:3 FTCA



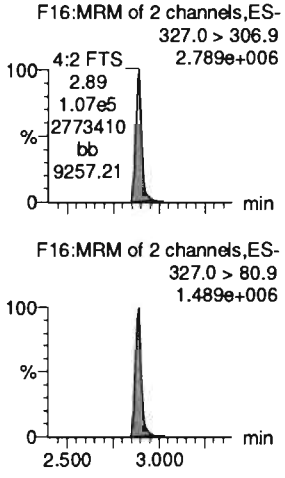
PFPeA



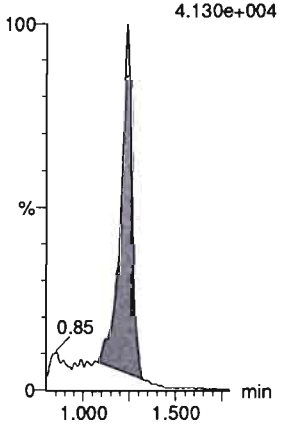
PFBS



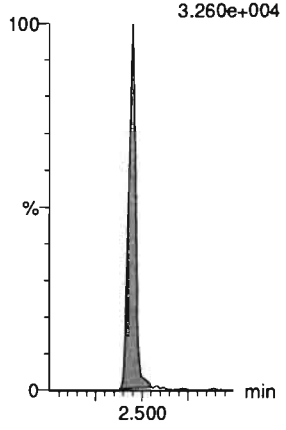
4:2 FTS



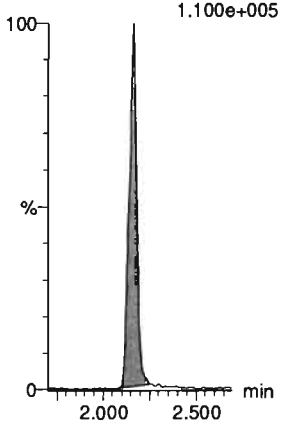
13C3-PFBA-EIS



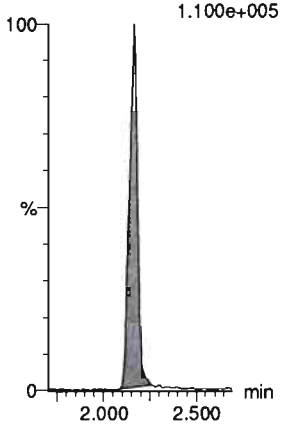
13C3-PFBS-EIS



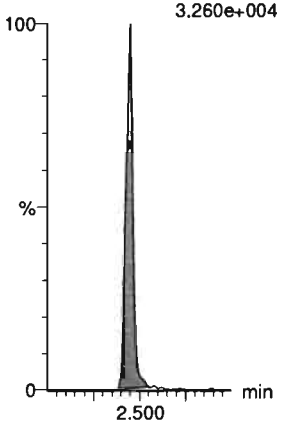
13C3-PFPeA-EIS



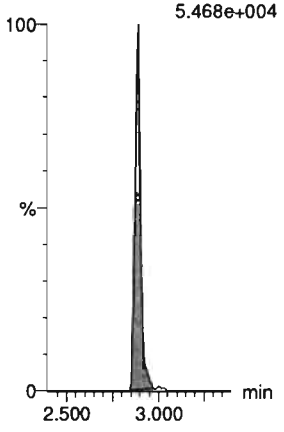
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

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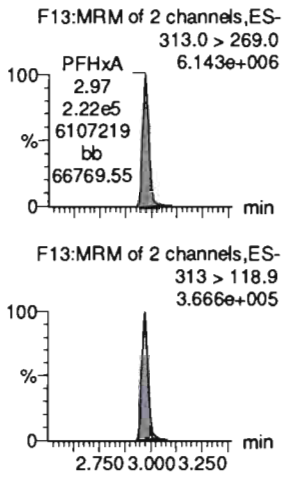

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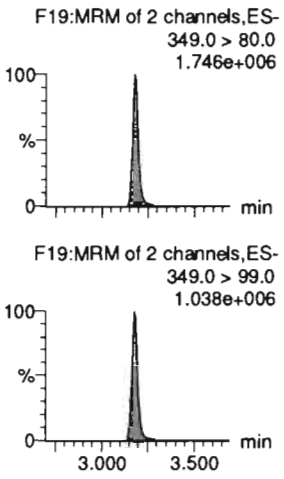

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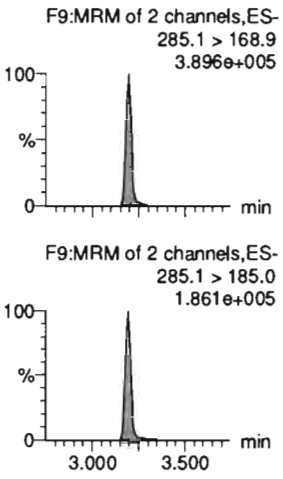
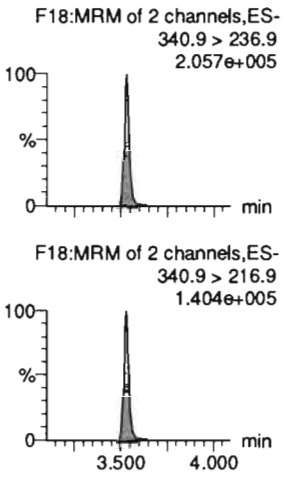


5:3 FTCA



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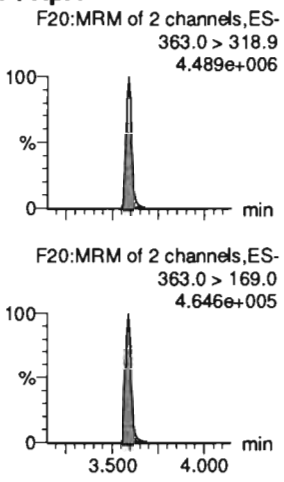

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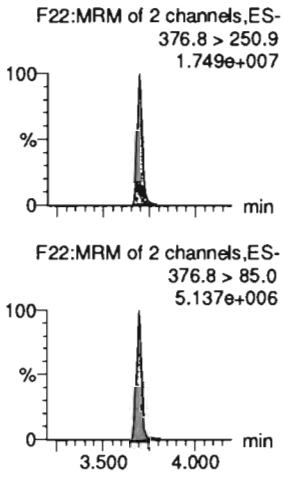

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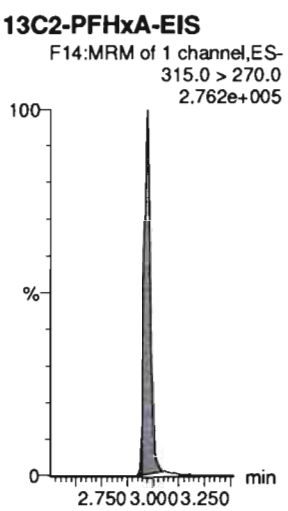
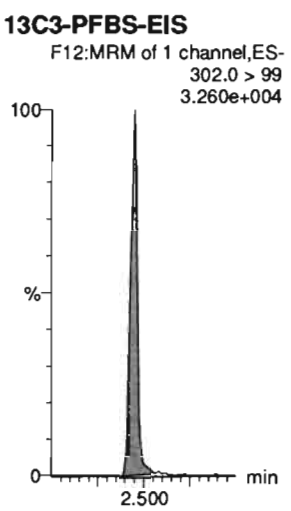


13C3-PFBS-EIS



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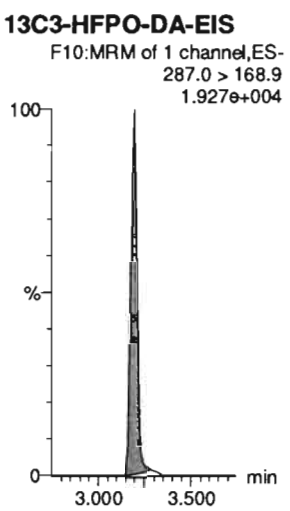
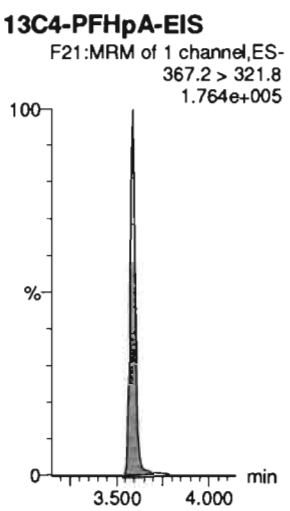


13C4-PFHpA-EIS



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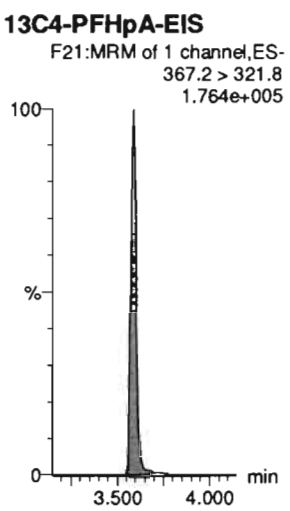

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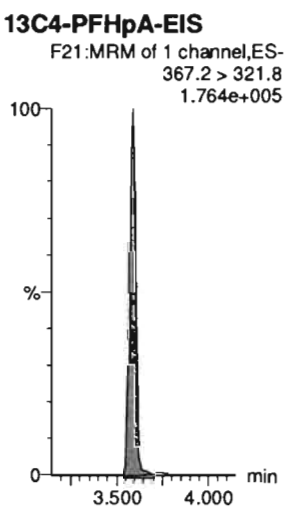

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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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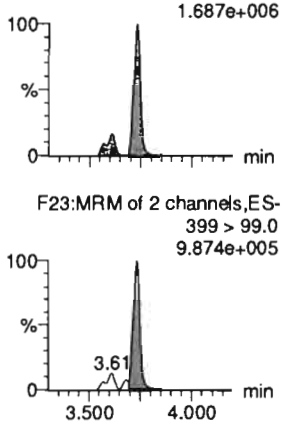
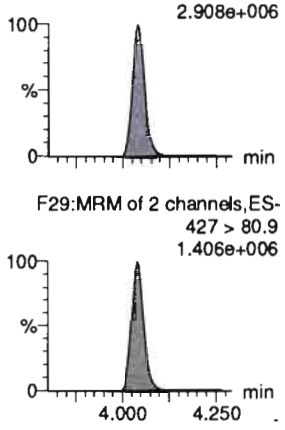
Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

L-PFHxS



6:2 FTS



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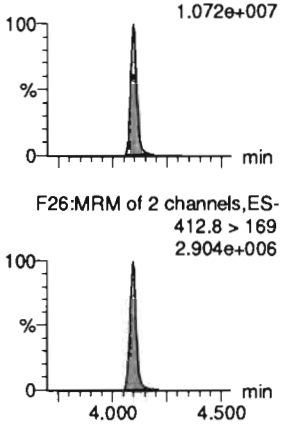

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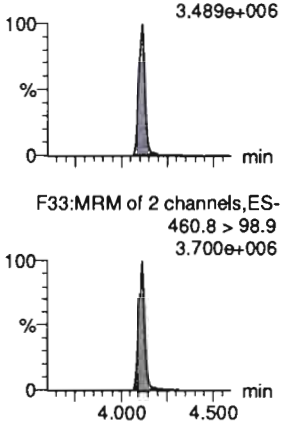

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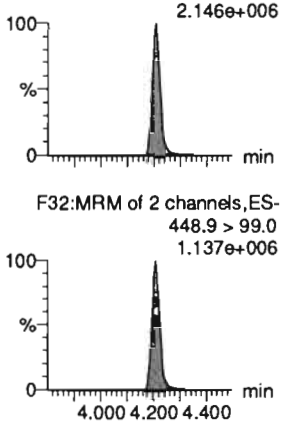
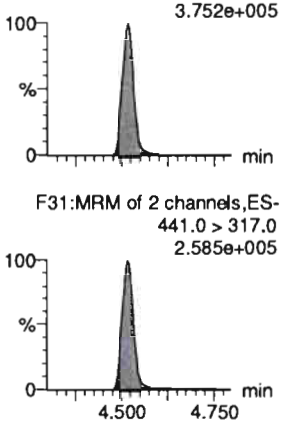


7:3 FTCA



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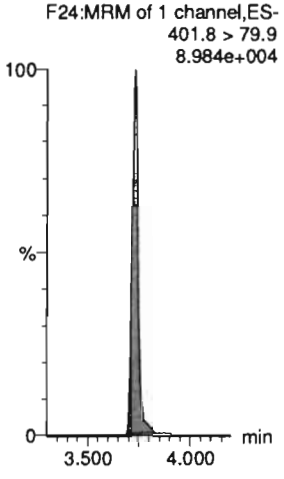
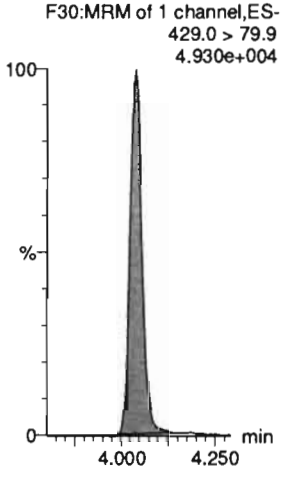


13C2-6:2 FTS-EIS



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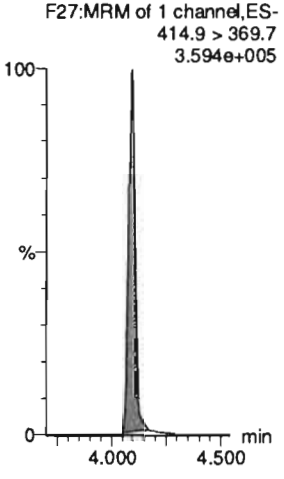

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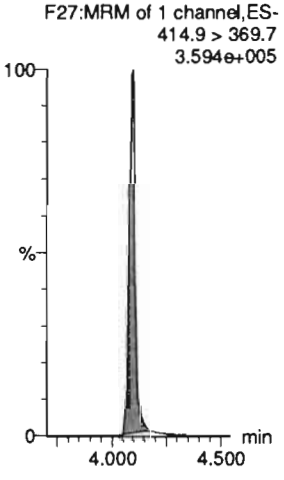

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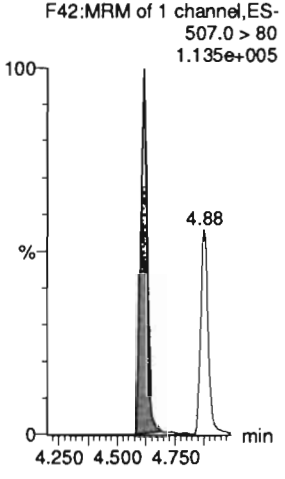
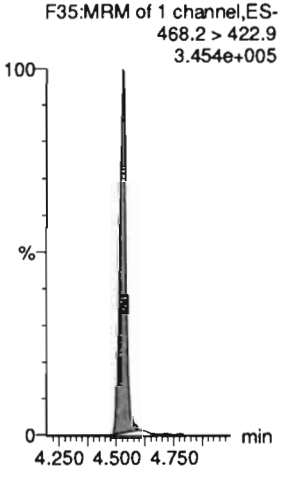


13C5-PFNA-EIS



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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

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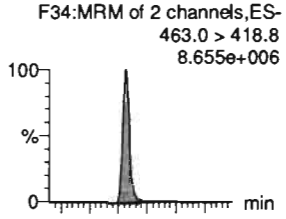

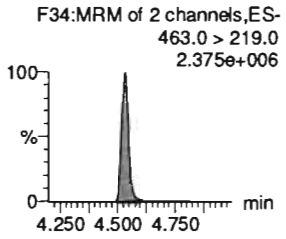

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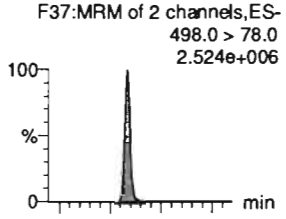
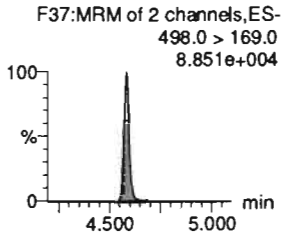
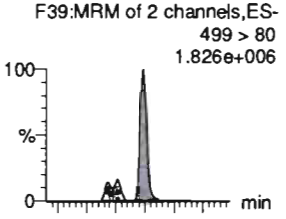
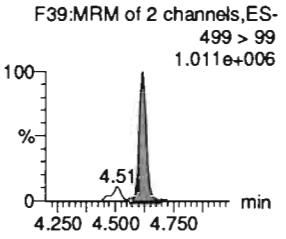


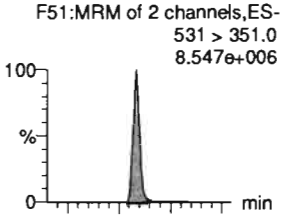


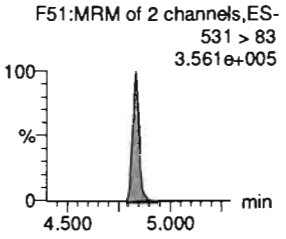
L-PFOS





9Cl-PF30NS





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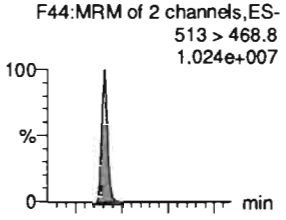
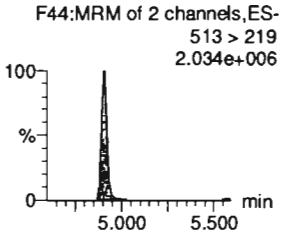
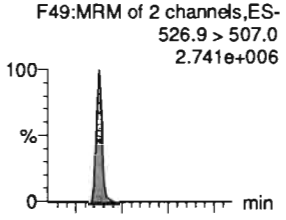
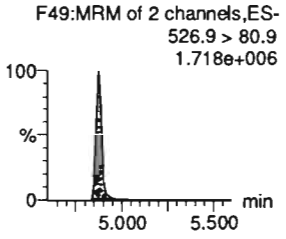




8:2 FTS





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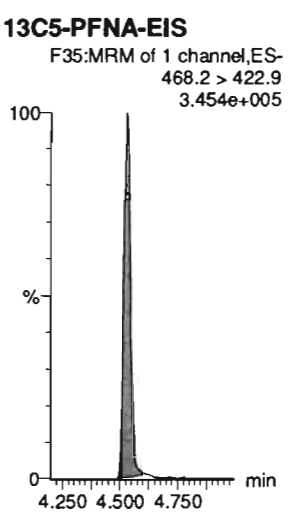
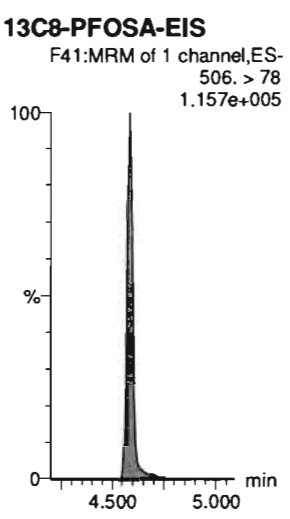


13C8-PFOSA-EIS



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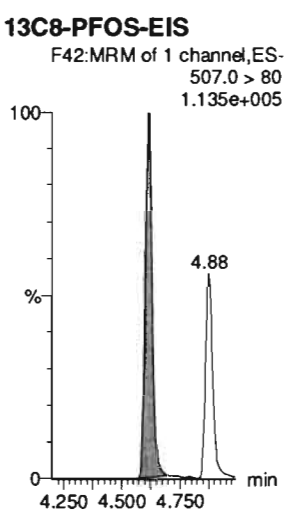

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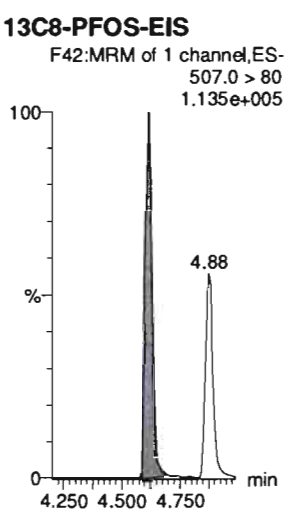
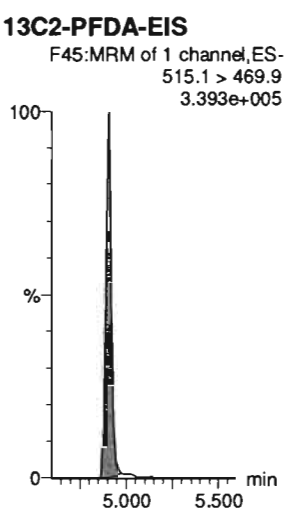
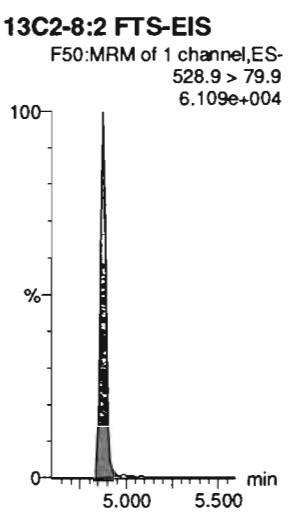


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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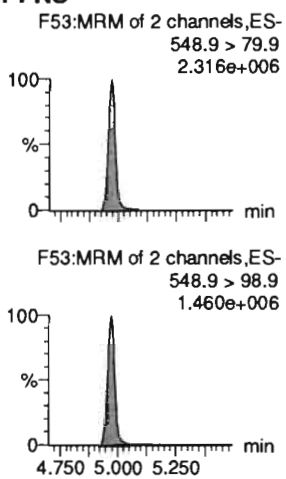
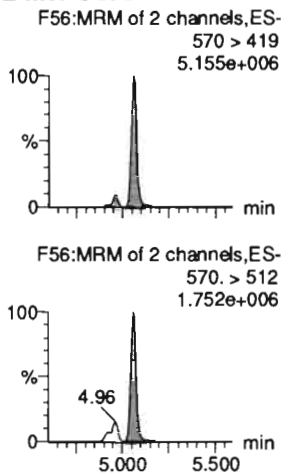
Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

PFNS



L-MeFOSAA



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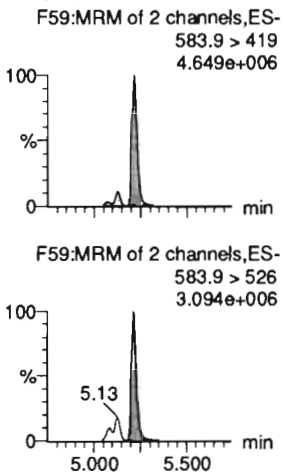

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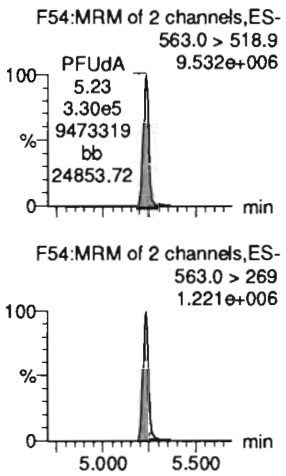
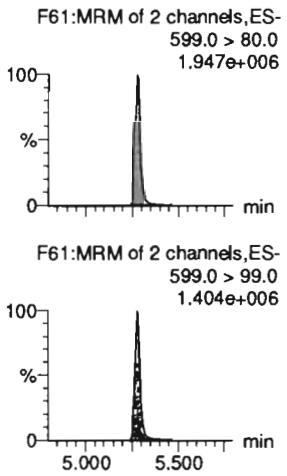


PFDS



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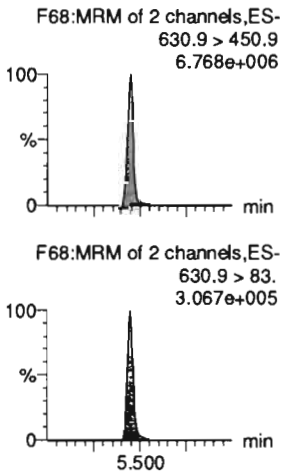
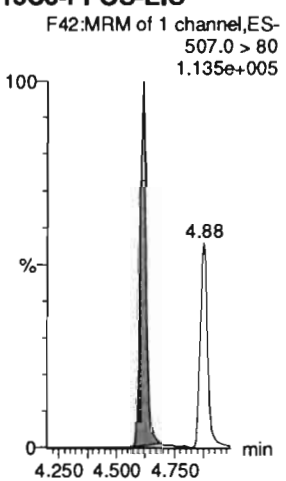
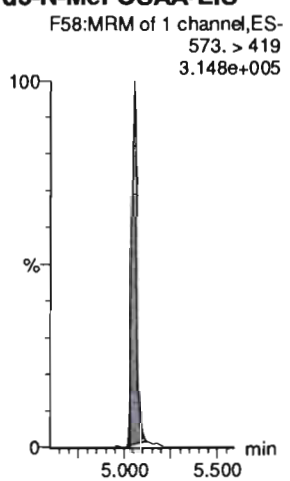


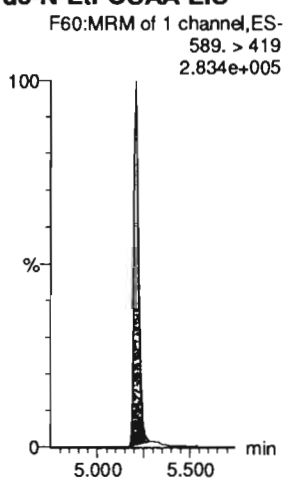
13C8-PFOS-EIS



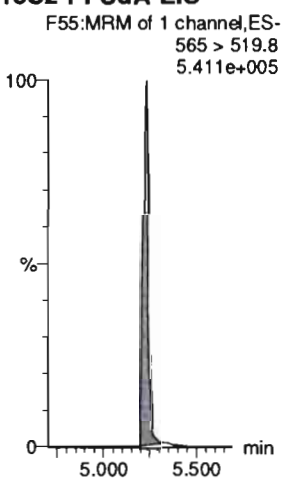
d3-N-MeFOSAA-EIS



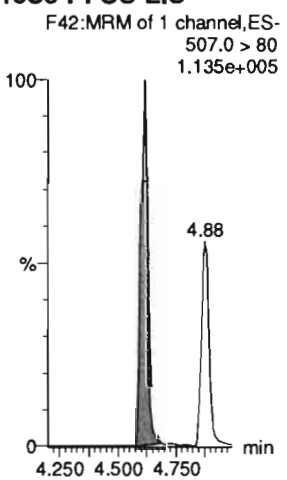
d5-N-EtFOSAA-EIS



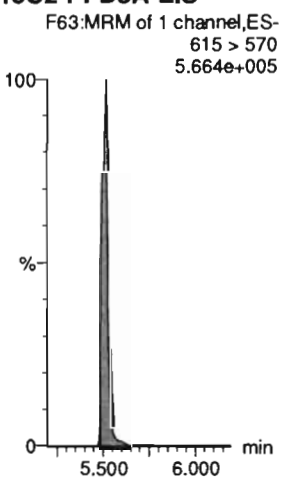
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

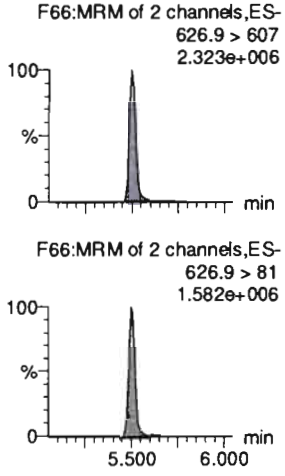


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

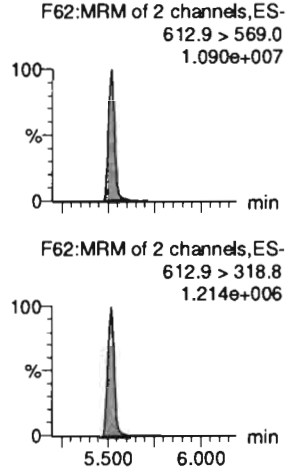
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

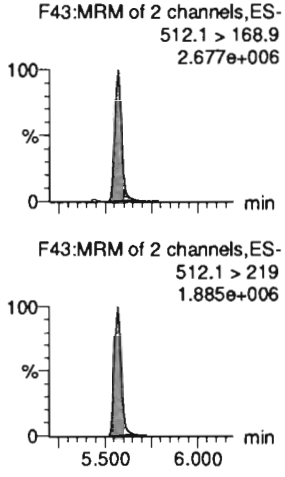
10:2 FTS



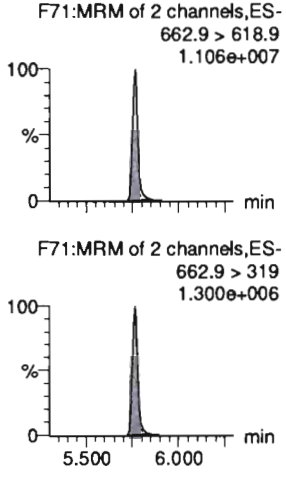
PFDoA



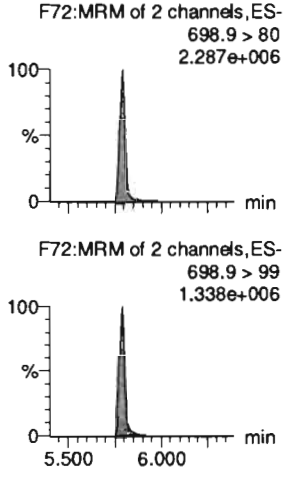
N-MeFOSA



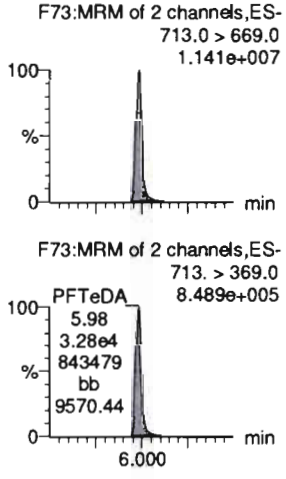
PFTrDA



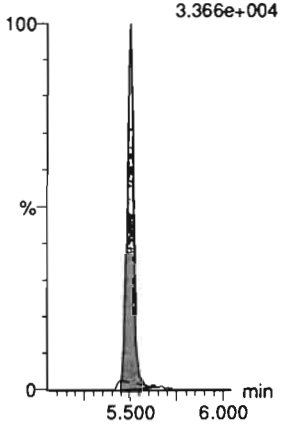
PFDoS



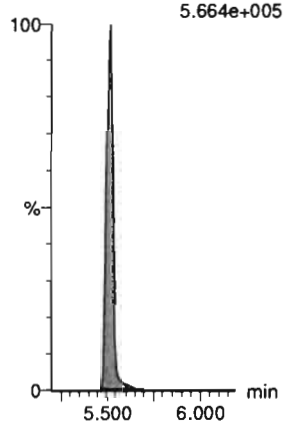
PFTeDA



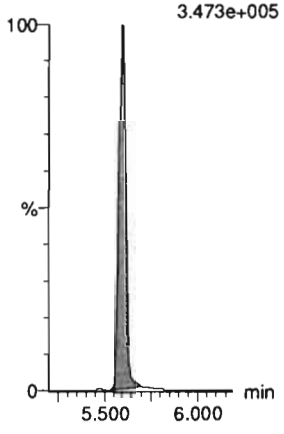
13C2-10:2 FTS-EIS



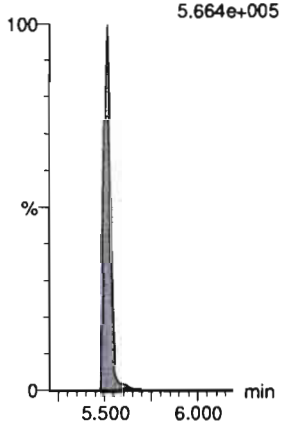
13C2-PFDoA-EIS



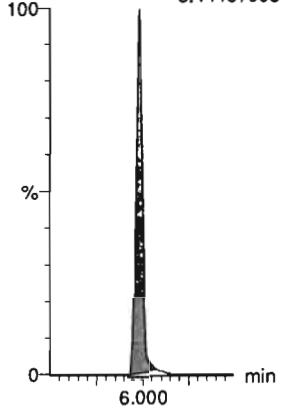
d3-N-MeFOSA-EIS



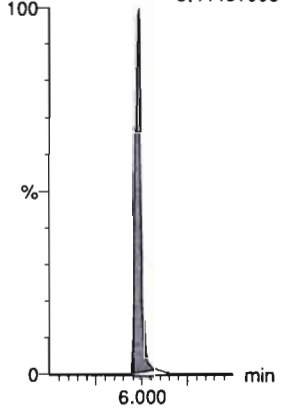
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

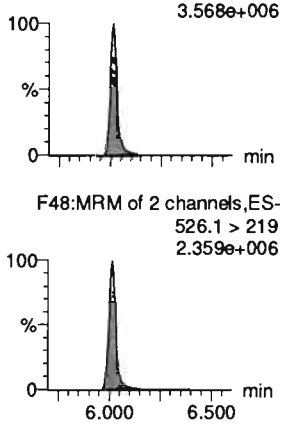


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

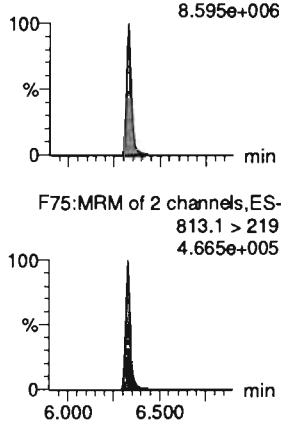
Last Altered: Wednesday, June 24, 2020 10:13:50 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:14:06 Pacific Daylight Time

Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

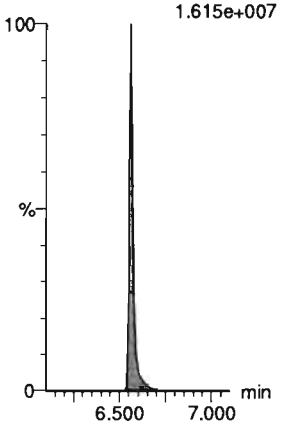
N-EtFOSA



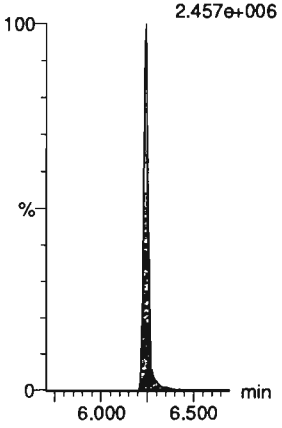
PFHxDA



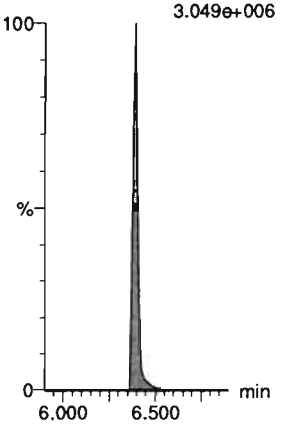
PFODA



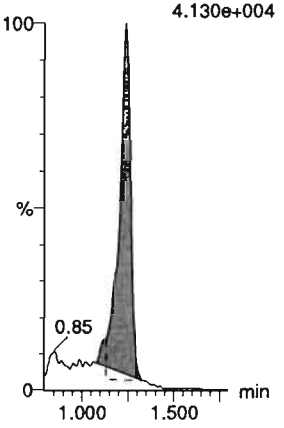
N-MeFOSE



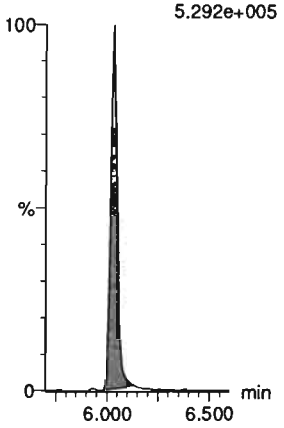
N-EtFOSE



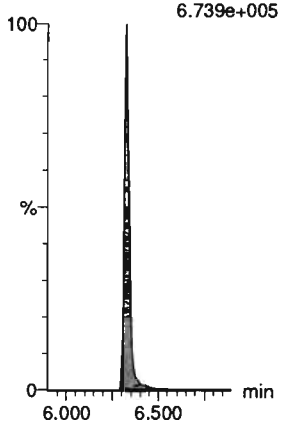
13C3-PFBA-RSD



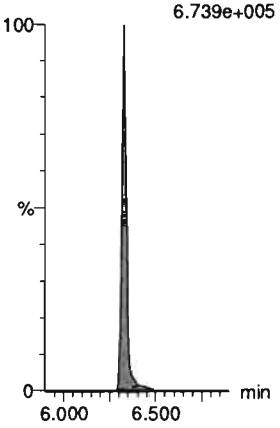
d5-N-ETFOSA-EIS



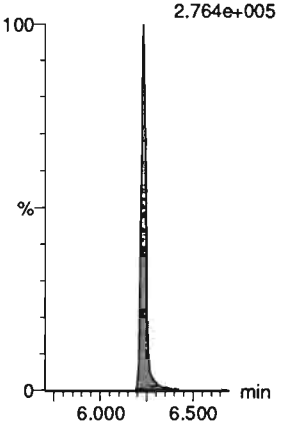
13C2-PFHxDA-EIS



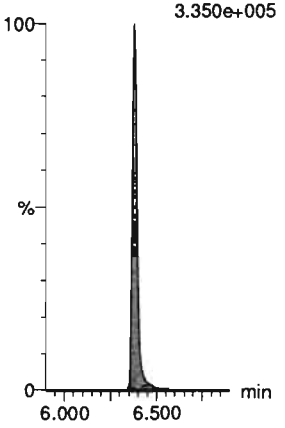
13C2-PFHxDA-EIS



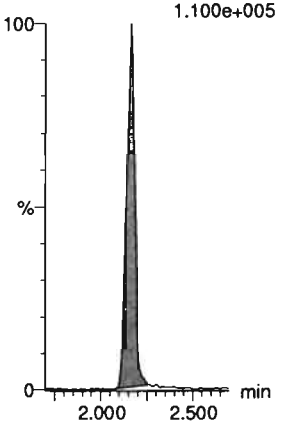
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

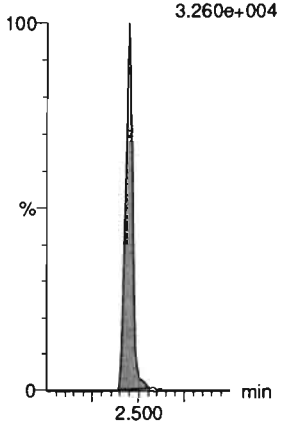


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

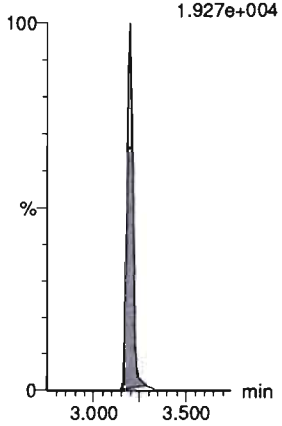
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

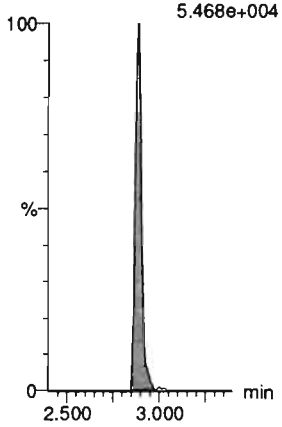
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.260e+004



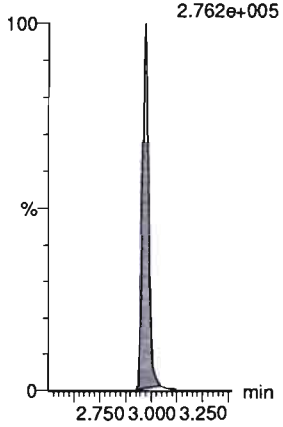
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.927e+004



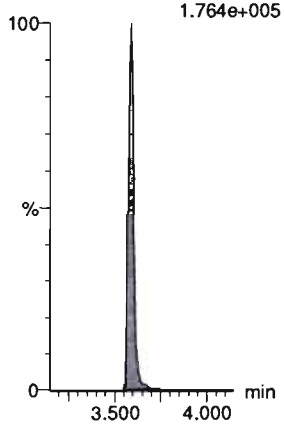
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.468e+004



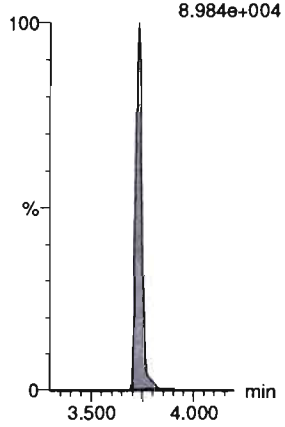
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.762e+005



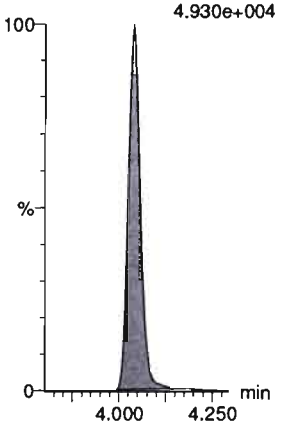
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.764e+005



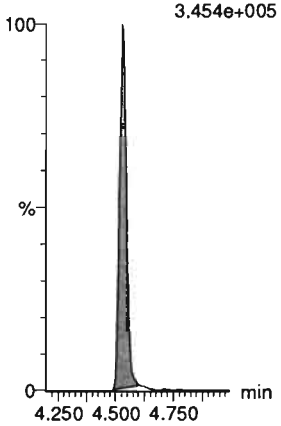
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.984e+004



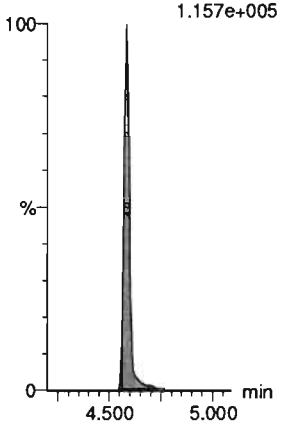
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.930e+004



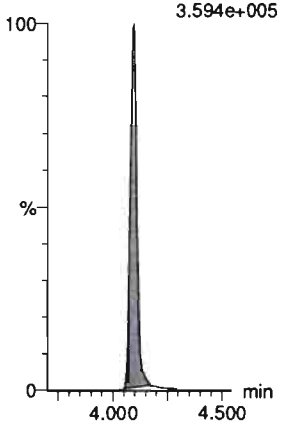
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.454e+005



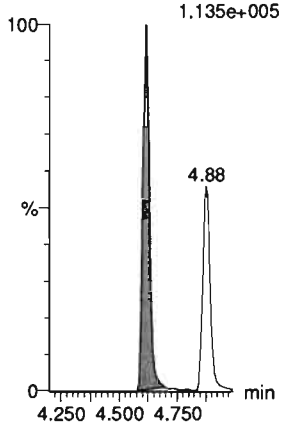
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.157e+005



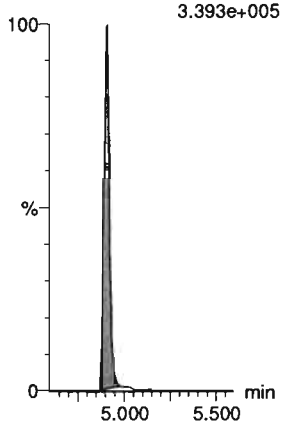
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.594e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.135e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.393e+005

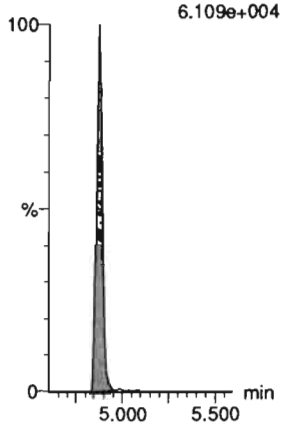


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

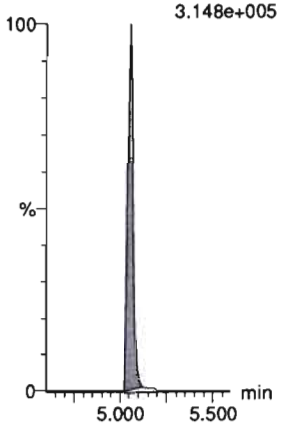
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

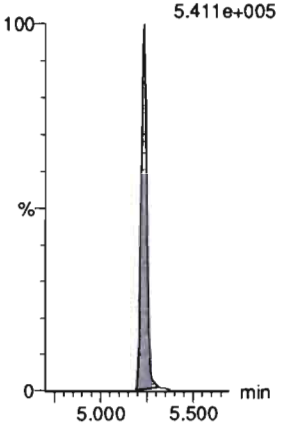
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
6.109e+004



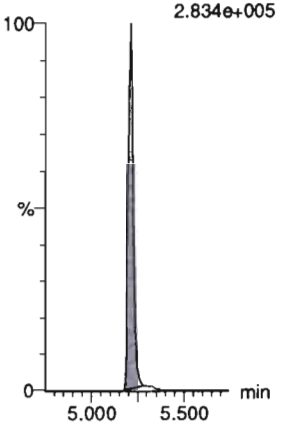
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.148e+005



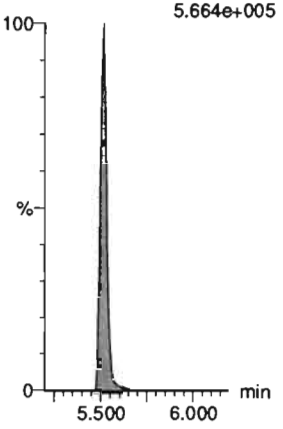
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.411e+005



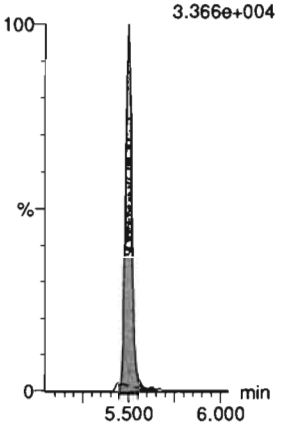
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.834e+005



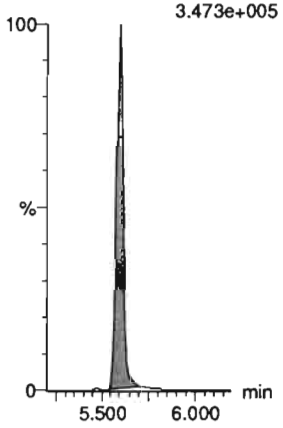
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.664e+005



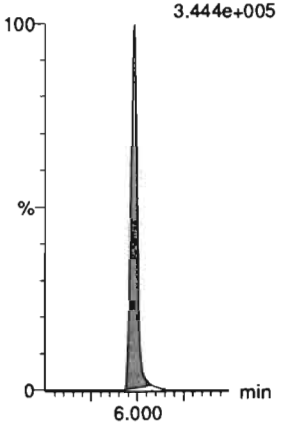
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
3.366e+004



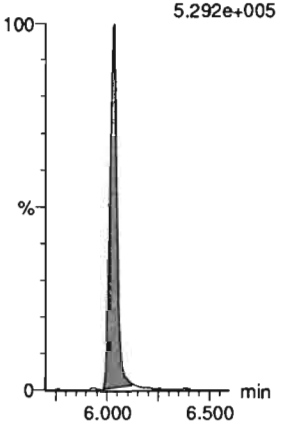
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.473e+005



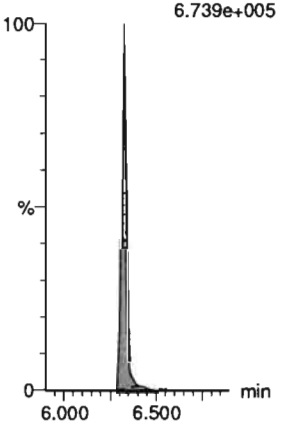
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.444e+005



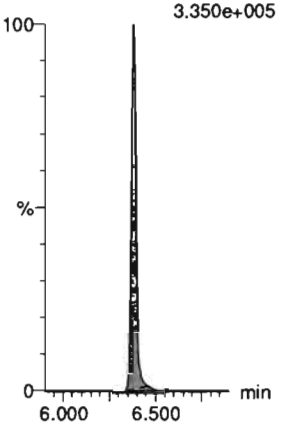
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.292e+005



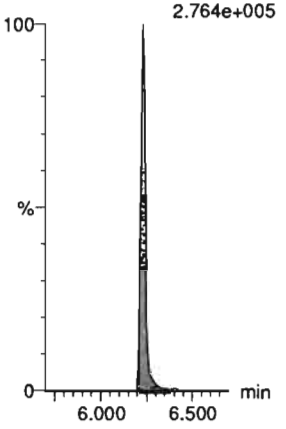
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.739e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.350e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.764e+005

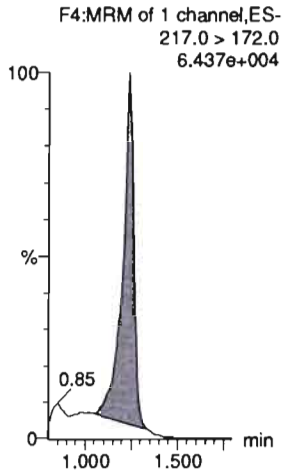


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

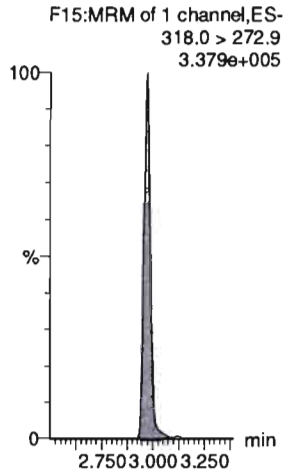
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_12, Date: 23-Jun-2020, Time: 13:57:46, ID: ST200623M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

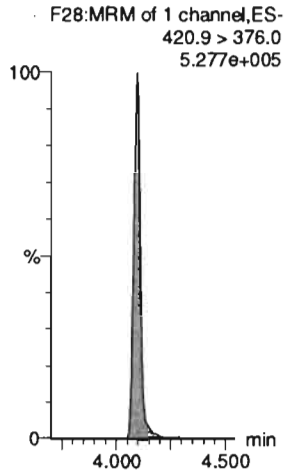
13C4-PFBA



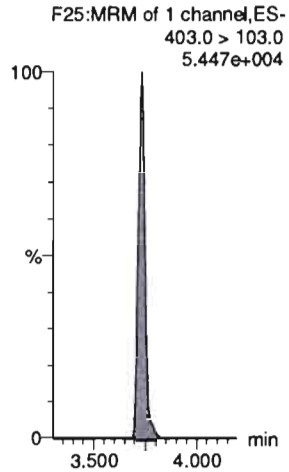
13C5-PFHxA



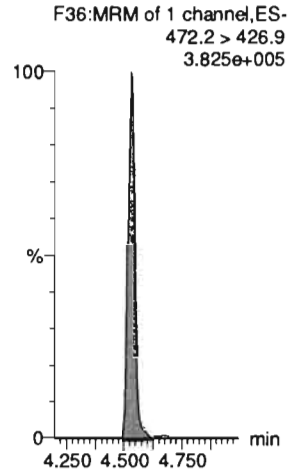
13C8-PFOA



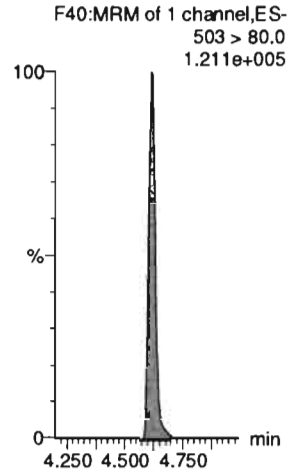
18O2-PFHxS



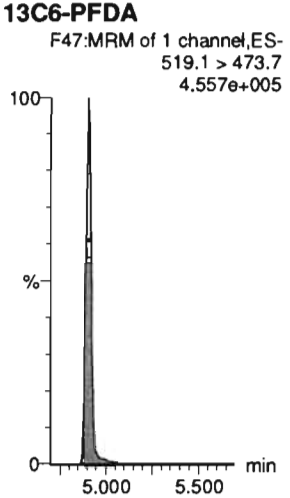
13C9-PFNA



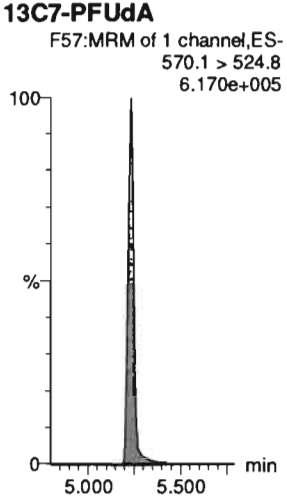
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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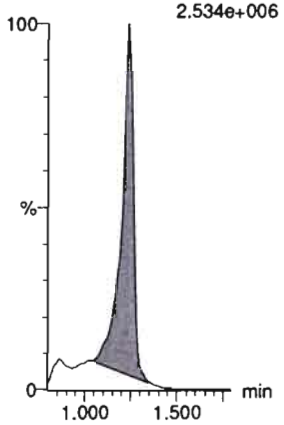
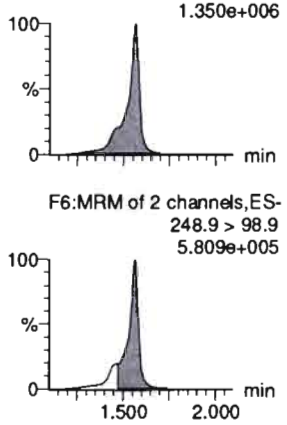
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

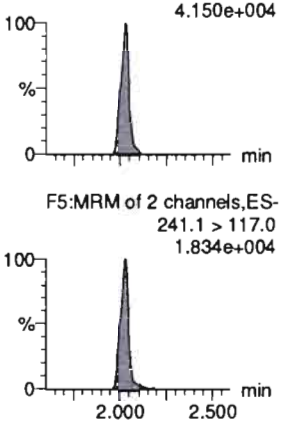
PFBA



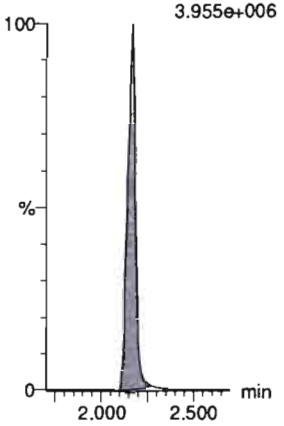
PFPrS



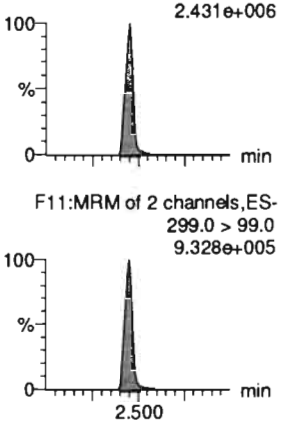
3:3 FTCA



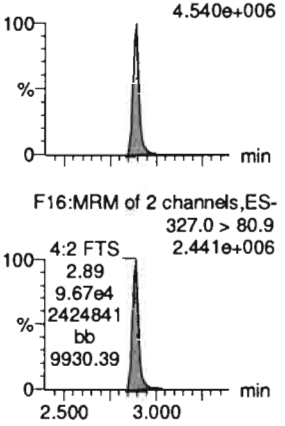
PFPeA



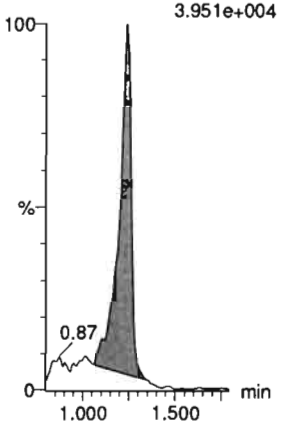
PFBS



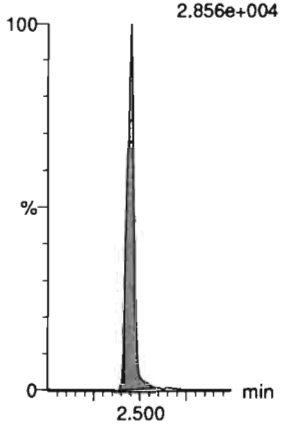
4:2 FTS



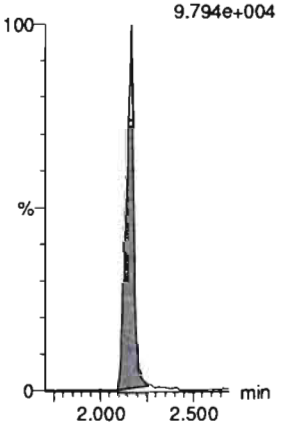
13C3-PFBA-EIS



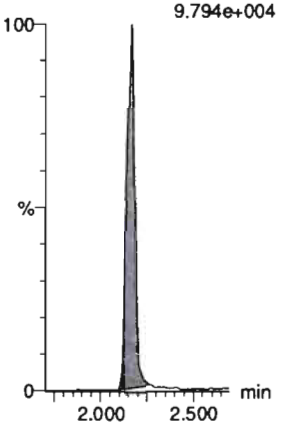
13C3-PFBS-EIS



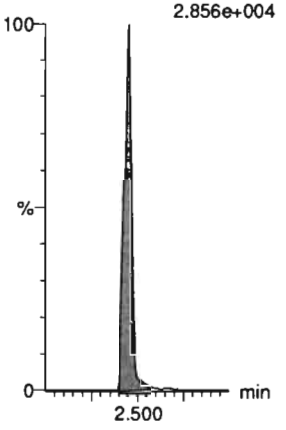
13C3-PFPeA-EIS



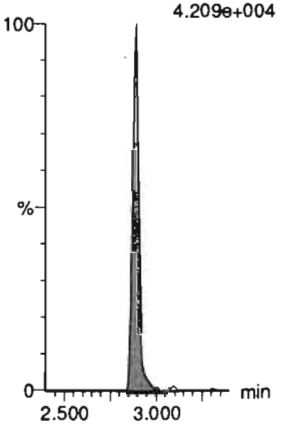
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

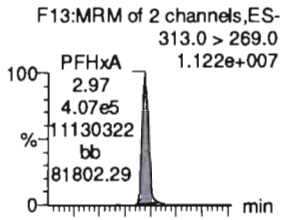


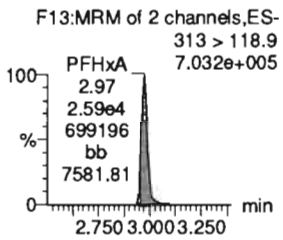
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

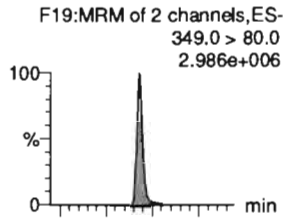
Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

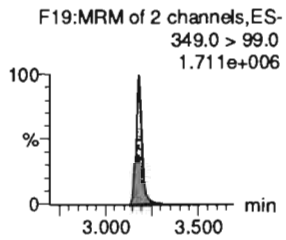
PFHxA



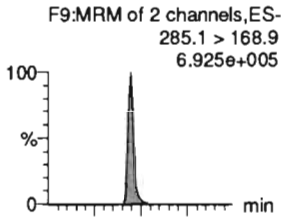


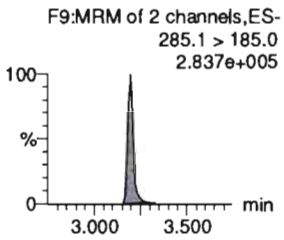
PFPeS



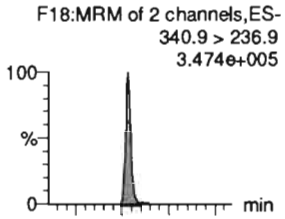


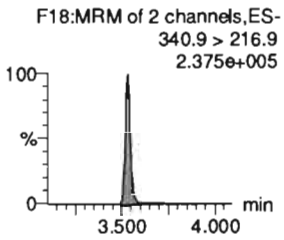
HFPO-DA



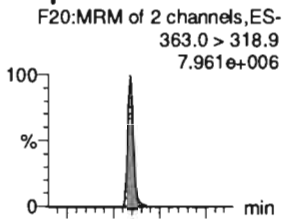


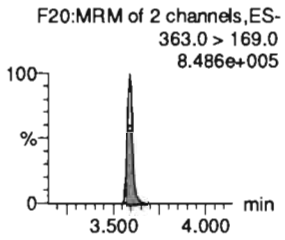
5:3 FTCA



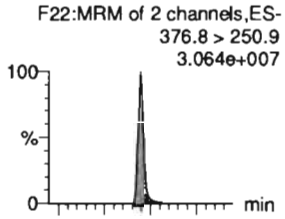


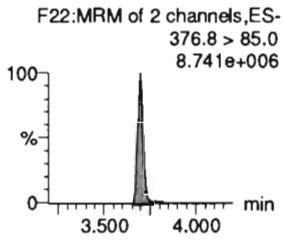
PFHpA



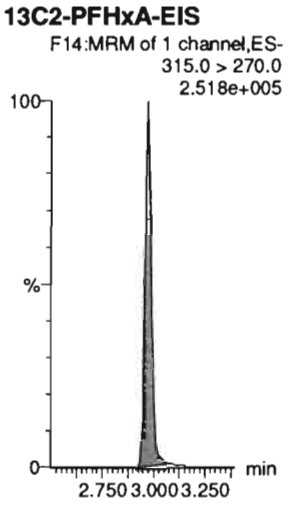


ADONA

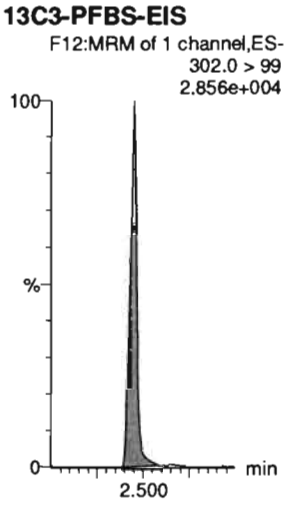




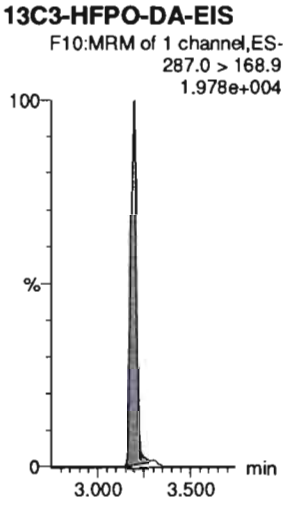
13C2-PFHxA-EIS



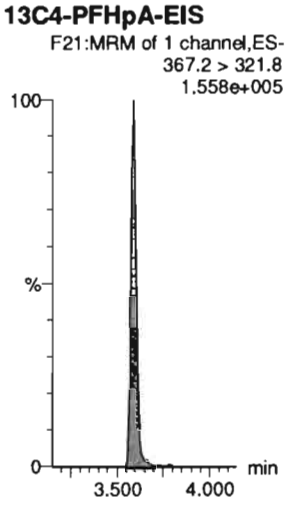
13C3-PFBS-EIS



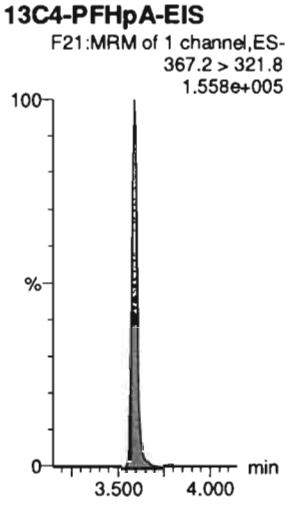
13C3-HFPO-DA-EIS



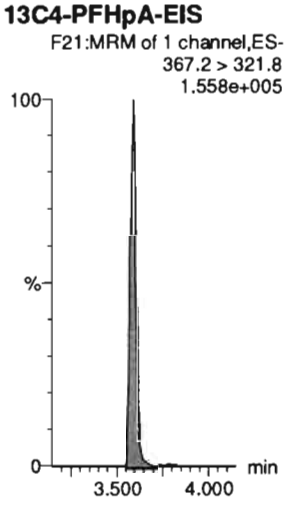
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

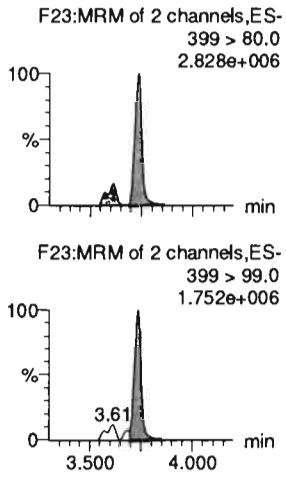


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

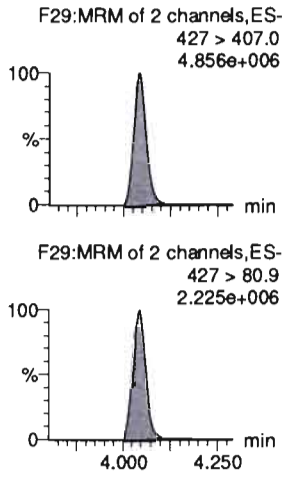
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

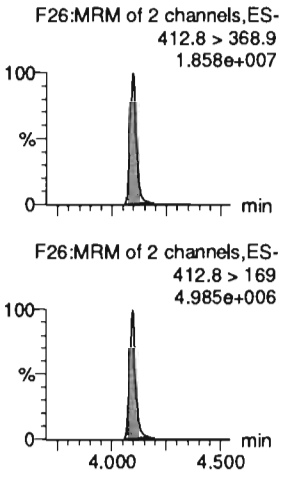
L-PFHxS



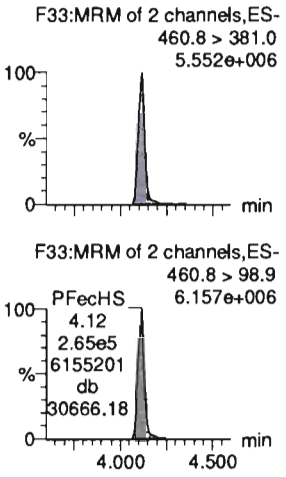
6:2 FTS



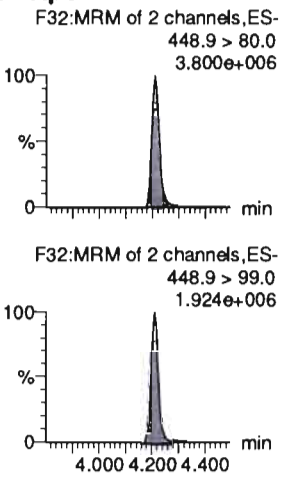
L-PFOA



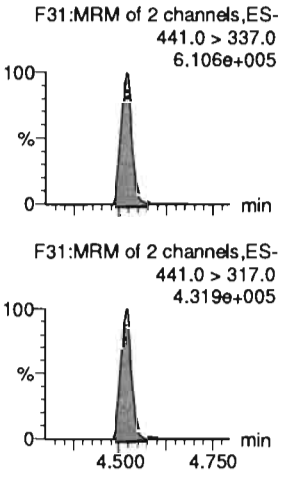
PFEChS



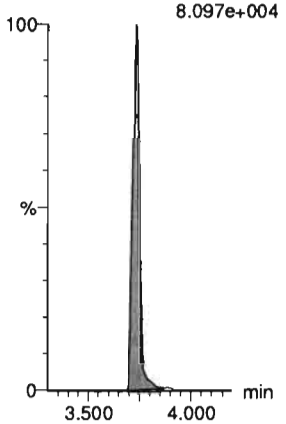
PFHpS



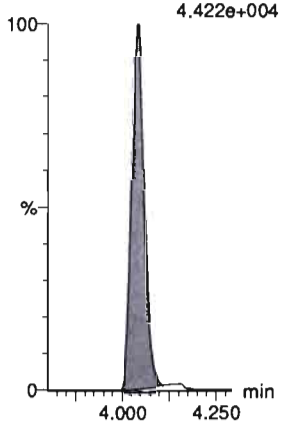
7:3 FTCA



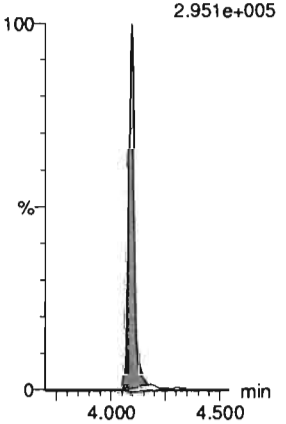
13C3-PFHxS-EIS



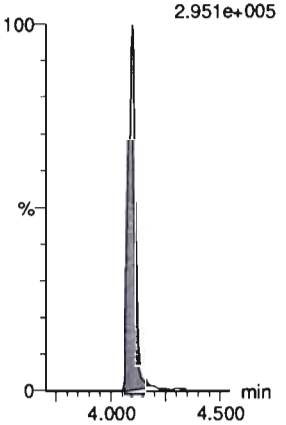
13C2-6:2 FTS-EIS



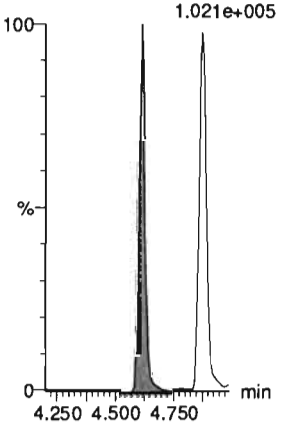
13C2-PFOA-EIS



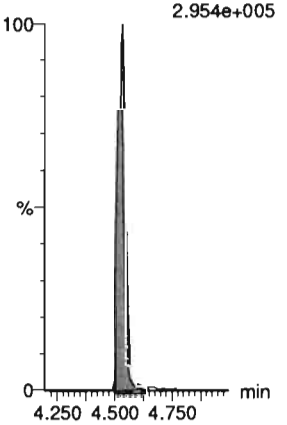
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

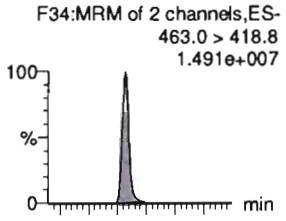


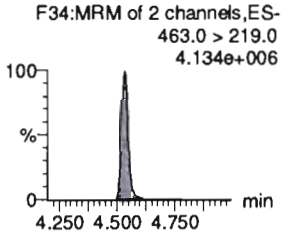
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

PFNA





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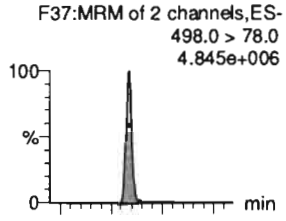
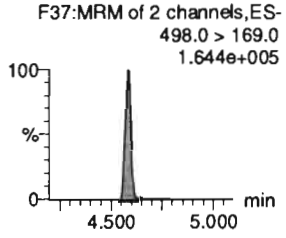
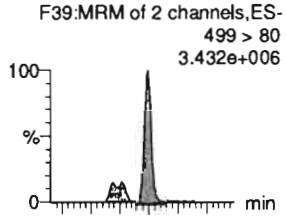
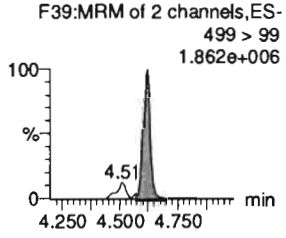


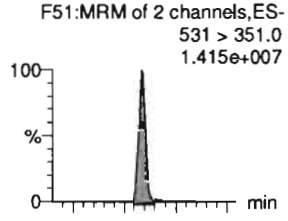


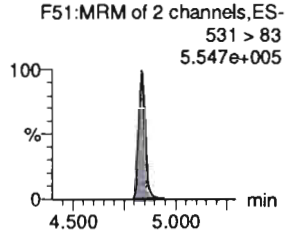
L-PFOS



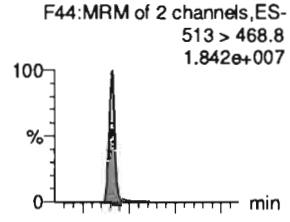


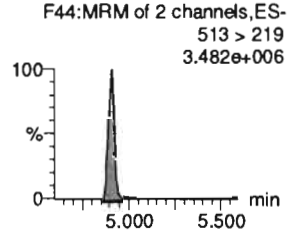
9Cl-PF30NS



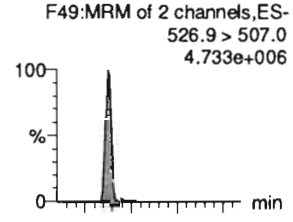


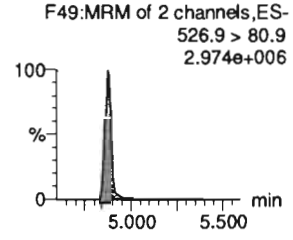
PFDA



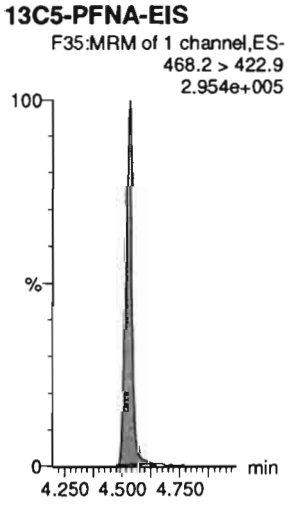


8:2 FTS

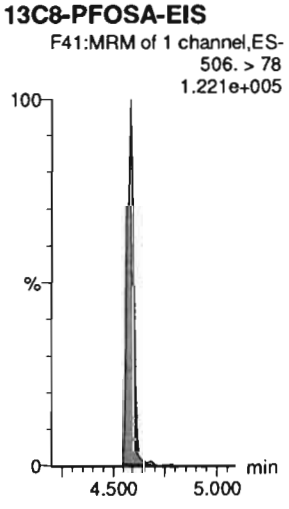




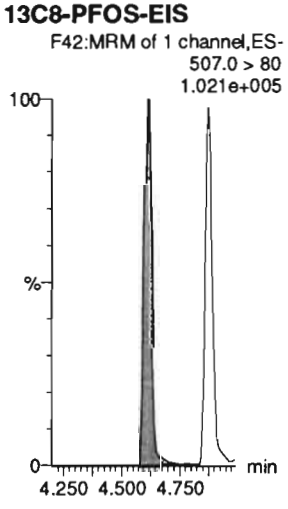
13C5-PFNA-EIS



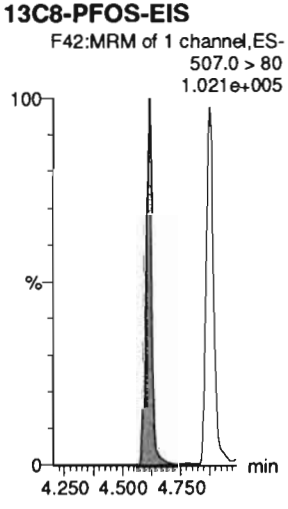
13C8-PFOSA-EIS



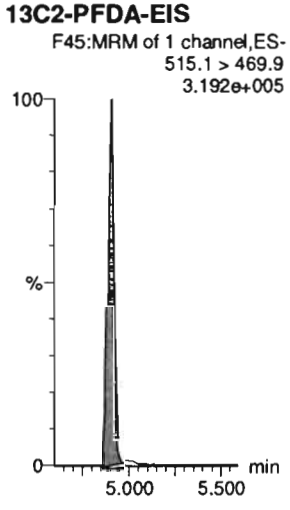
13C8-PFOS-EIS



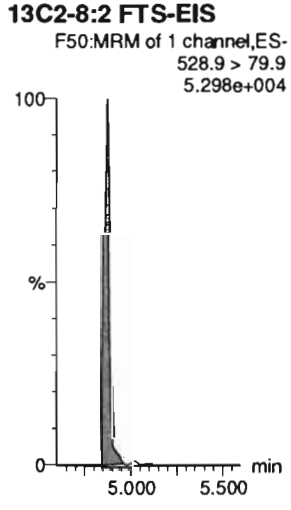
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

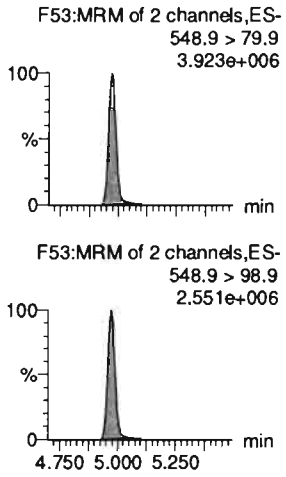


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

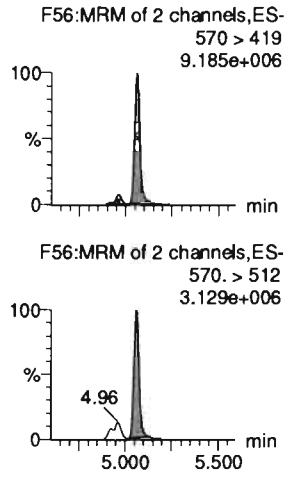
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

PFNS



L-MeFOSAA



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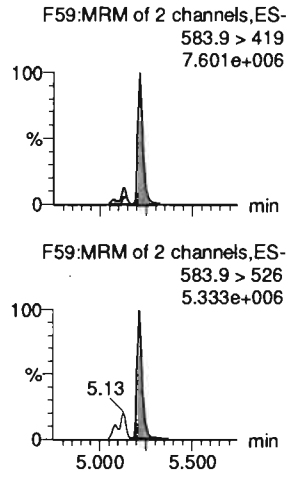
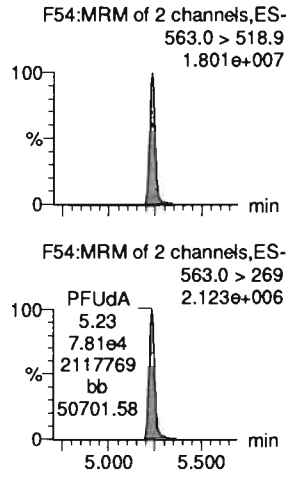
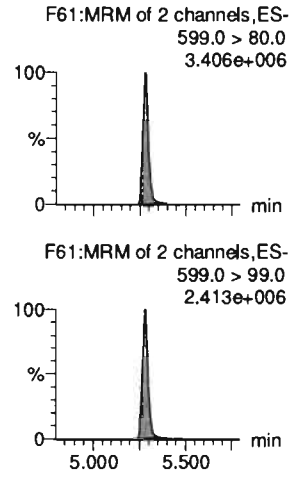


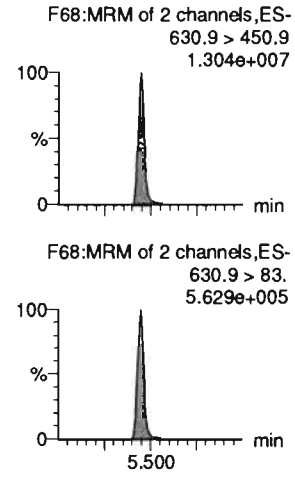
PFUdA



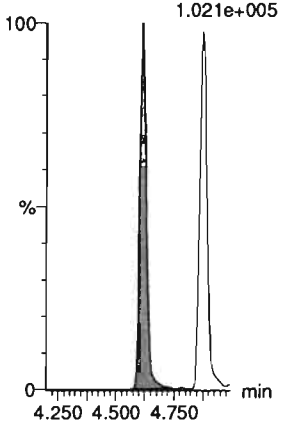
PFDS



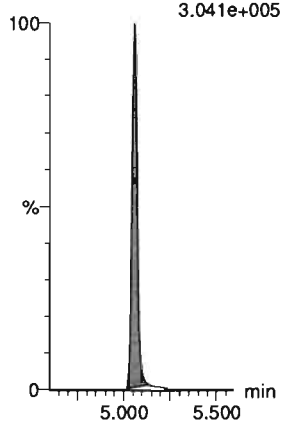
11Cl-PF30UdS



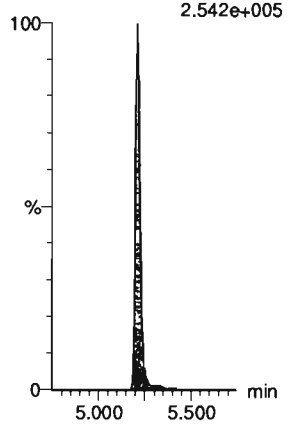
13C8-PFOS-EIS



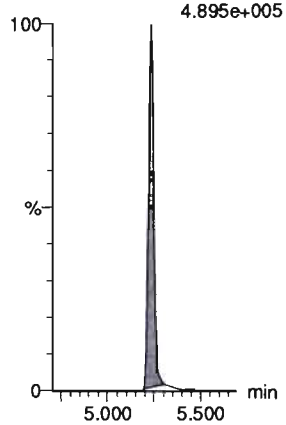
d3-N-MeFOSAA-EIS



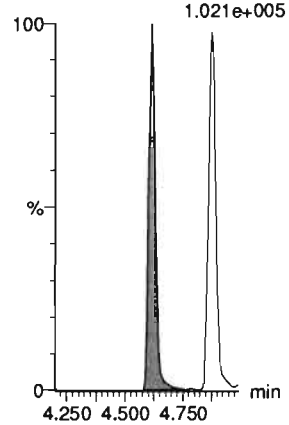
d5-N-EtFOSAA-EIS



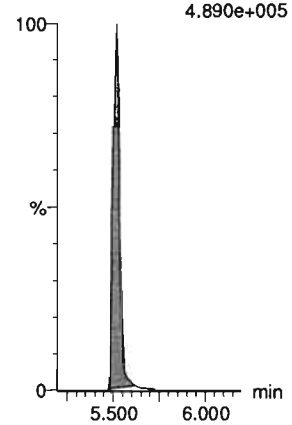
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
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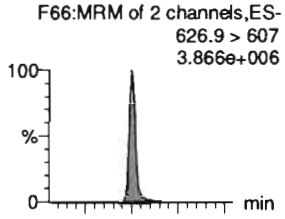
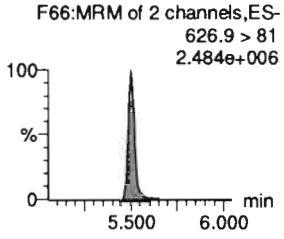
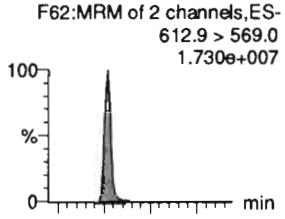
Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

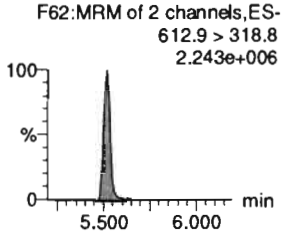
10:2 FTS



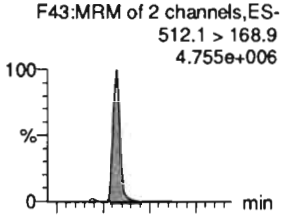


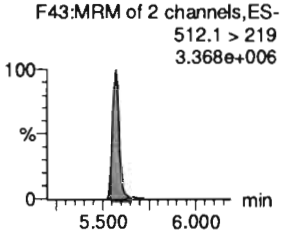
PFDoA



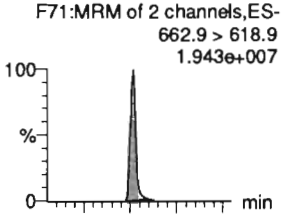


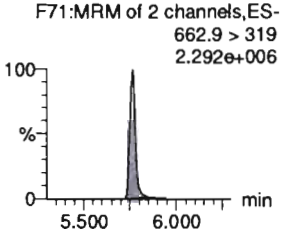
N-MeFOSA





PFTrDA





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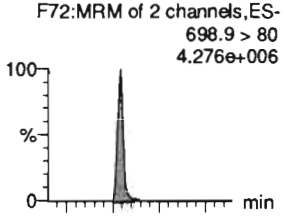
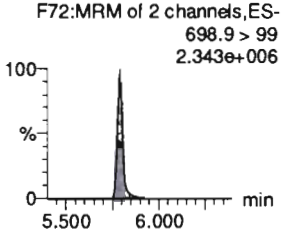
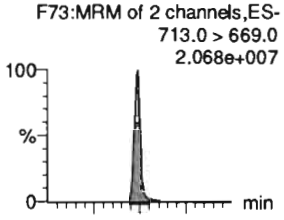
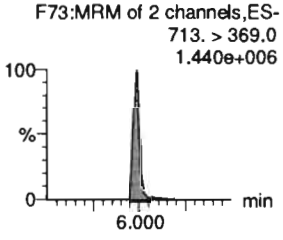


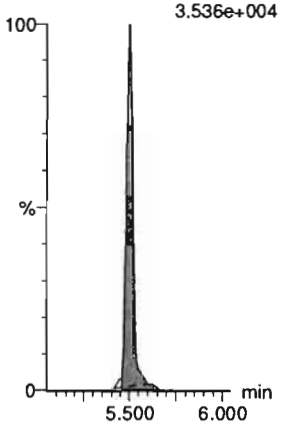


PFTeDA

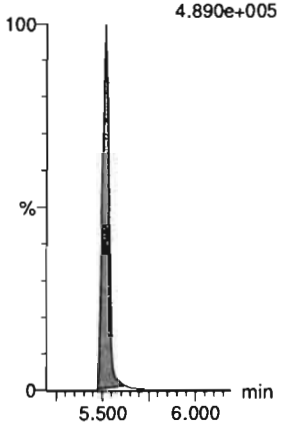




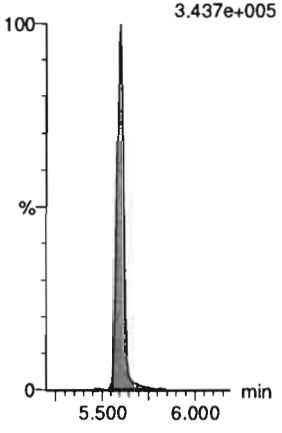
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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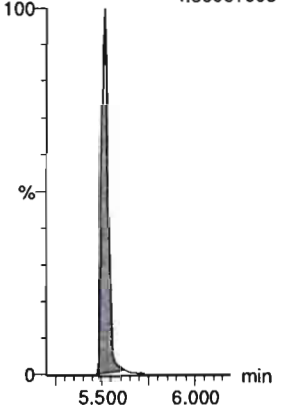
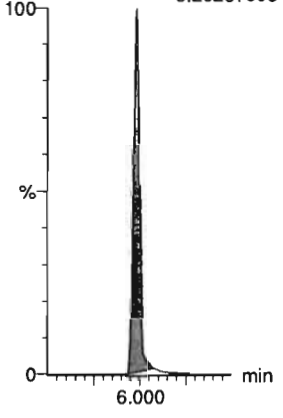
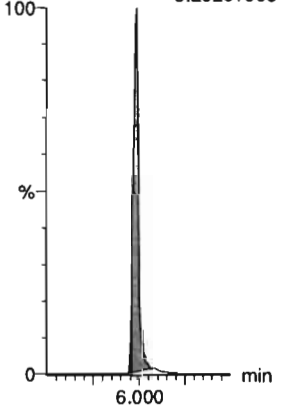


13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

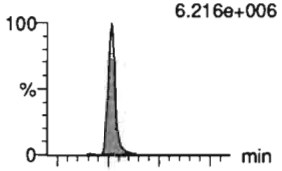


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

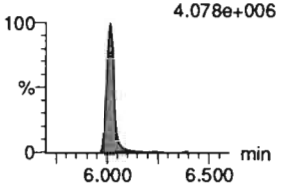
Last Altered: Wednesday, June 24, 2020 10:13:50 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:14:06 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

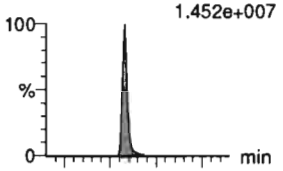
N-EtFOSA
F48:MRM of 2 channels,ES-
526.1 > 168.9
6.216e+006



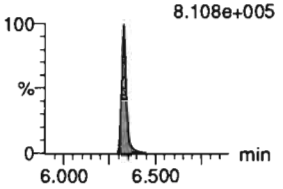
F48:MRM of 2 channels,ES-
526.1 > 219
4.078e+006



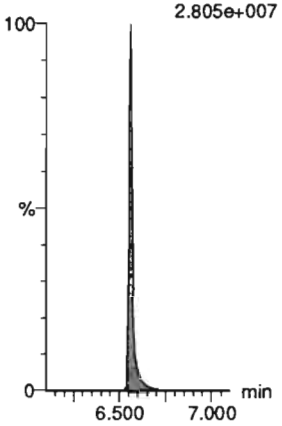
PFHxDA
F75:MRM of 2 channels,ES-
813.1 > 768.6
1.452e+007



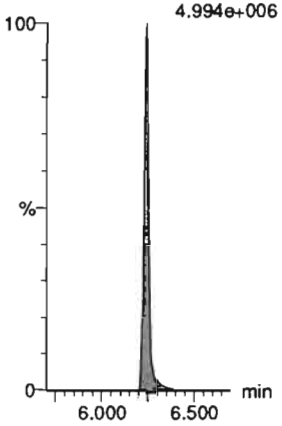
F75:MRM of 2 channels,ES-
813.1 > 219
8.108e+005



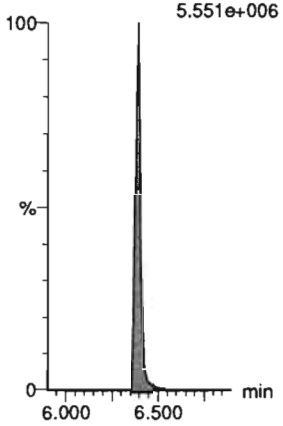
PFODA
F77:MRM of 1 channel,ES-
913.1 > 868.8
2.805e+007



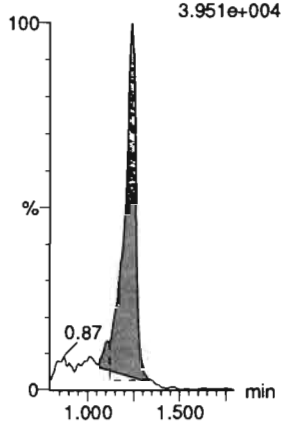
N-MeFOSE
F64:MRM of 1 channel,ES-
616.1 > 58.9
4.994e+006



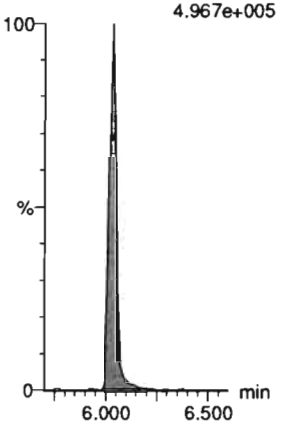
N-EtFOSE
F67:MRM of 1 channel,ES-
630.1 > 58.9
5.551e+006



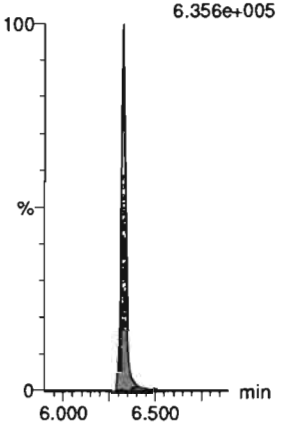
13C3-PFBA-RSD
F3:MRM of 1 channel,ES-
216.1 > 171.8
3.951e+004



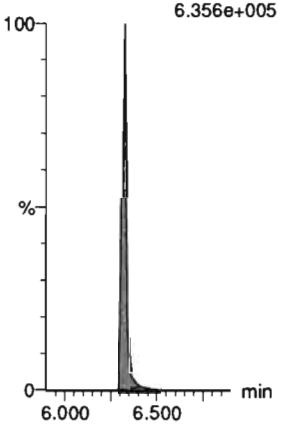
d5-N-ETFOSA-EIS
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.967e+005



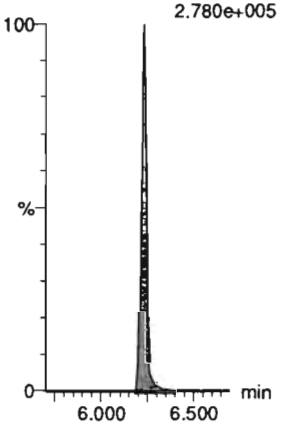
13C2-PFHxDA-EIS
F76:MRM of 1 channel,ES-
815 > 769.7
6.356e+005



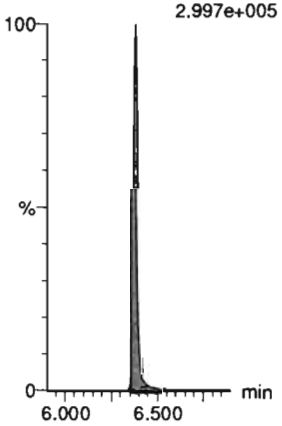
13C2-PFHxDA-EIS
F76:MRM of 1 channel,ES-
815 > 769.7
6.356e+005



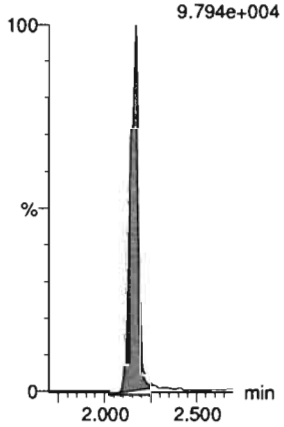
d7-N-MeFOSE-EIS
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.780e+005



d9-N-EtFOSE-EIS
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.997e+005



13C3-PFPeA-RSD
F8:MRM of 1 channel,ES-
266.0 > 221.8
9.794e+004

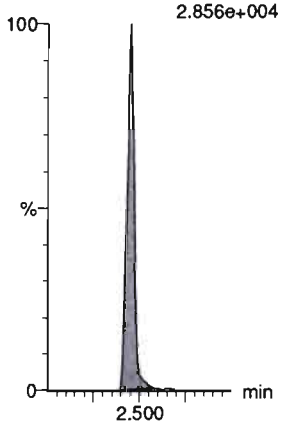


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

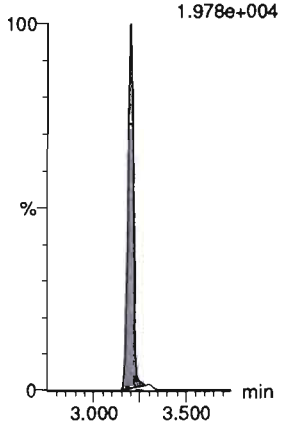
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

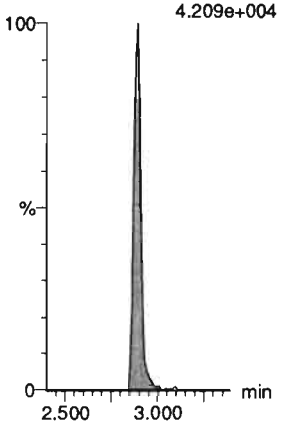
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.856e+004



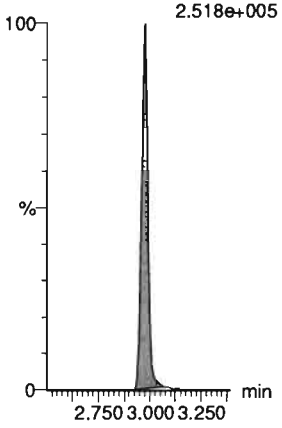
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.978e+004



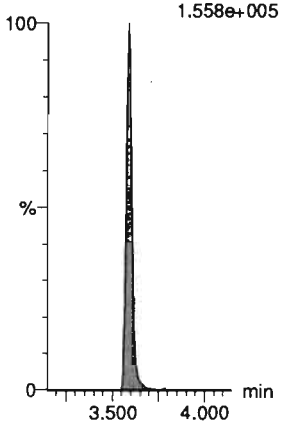
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.209e+004



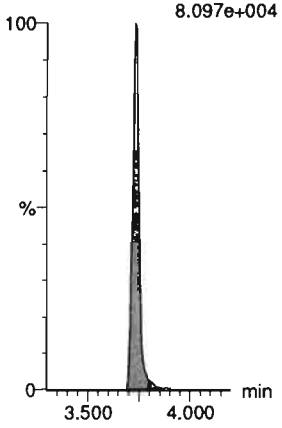
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.518e+005



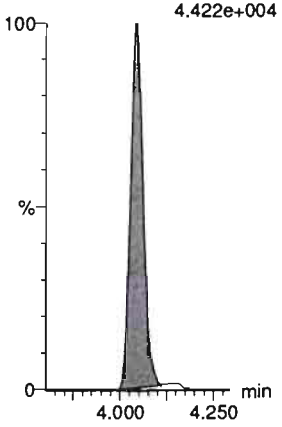
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.558e+005



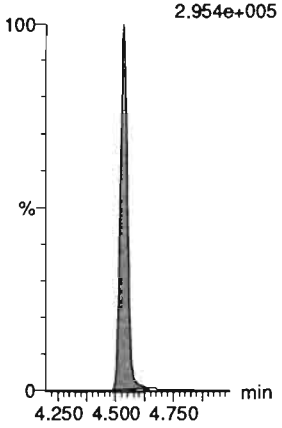
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.097e+004



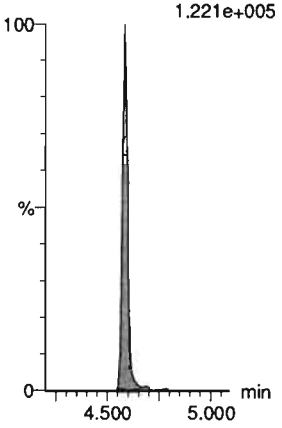
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.422e+004



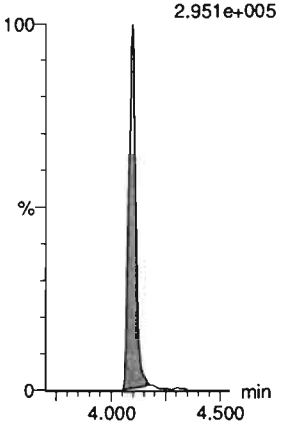
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.954e+005



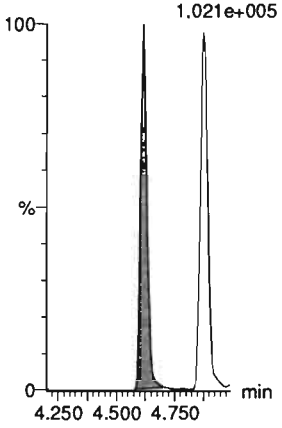
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.221e+005



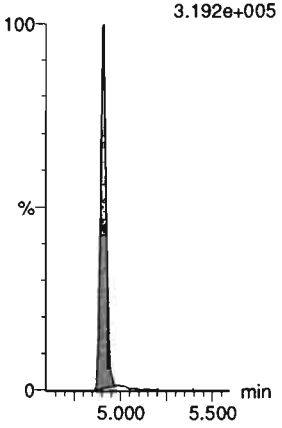
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.951e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.021e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.192e+005

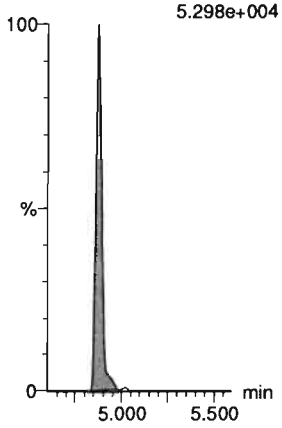


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

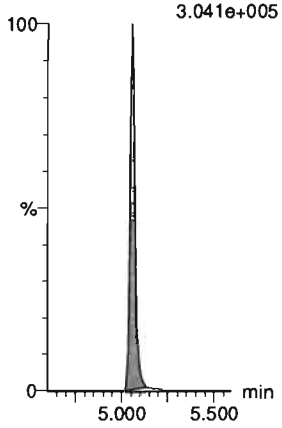
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

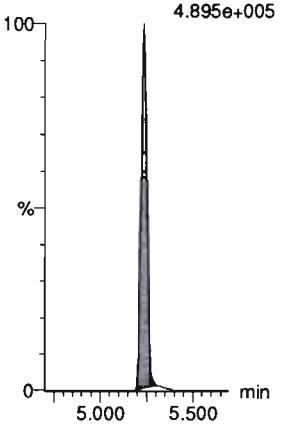
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
5.298e+004



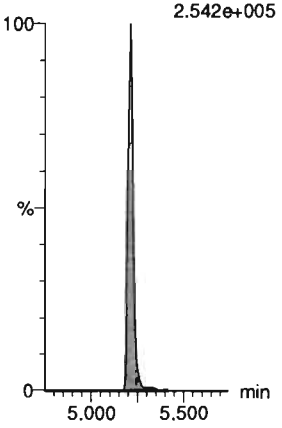
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.041e+005



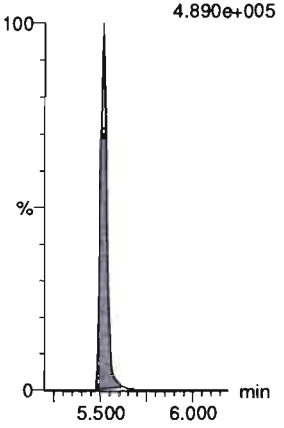
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.895e+005



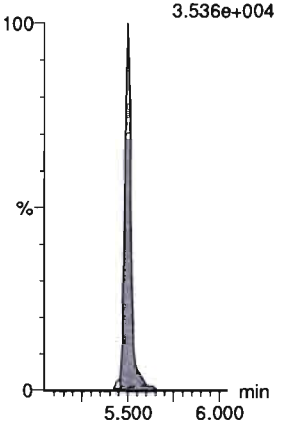
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.542e+005



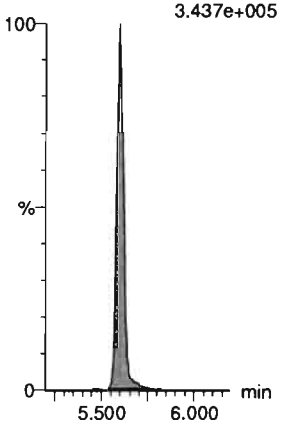
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.890e+005



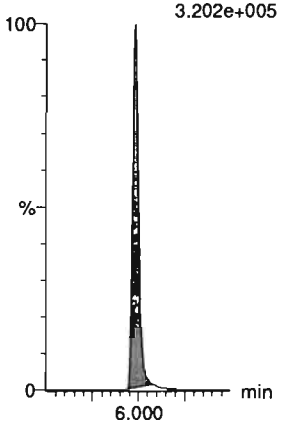
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
3.536e+004



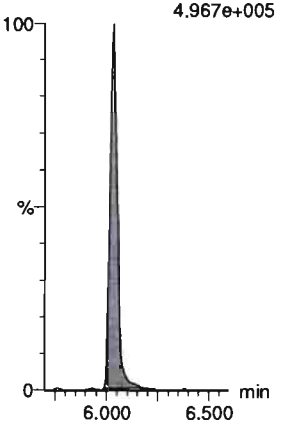
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.437e+005



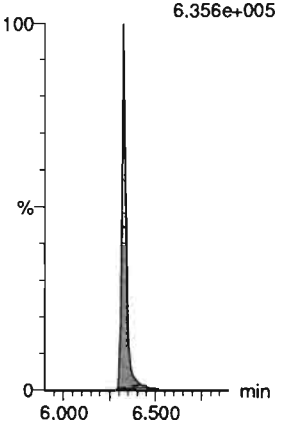
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.202e+005



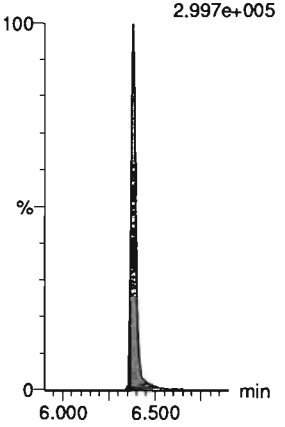
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.967e+005



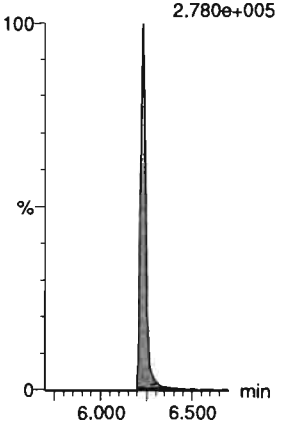
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.356e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.997e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.780e+005

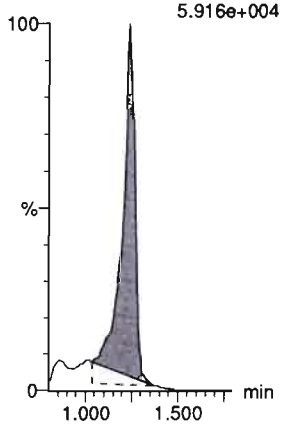


Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-CRV.qld

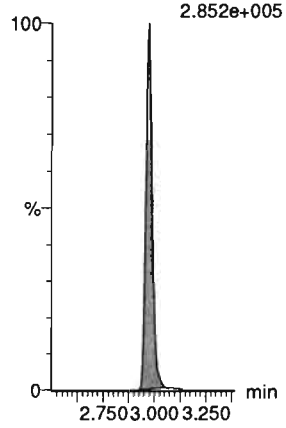
Last Altered: Wednesday, June 24, 2020 09:12:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 09:13:31 Pacific Daylight Time

Name: 200623M1_13, Date: 23-Jun-2020, Time: 14:08:11, ID: ST200623M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

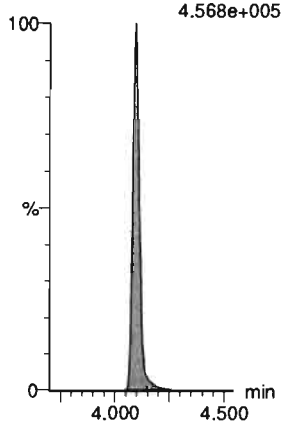
13C4-PFBA



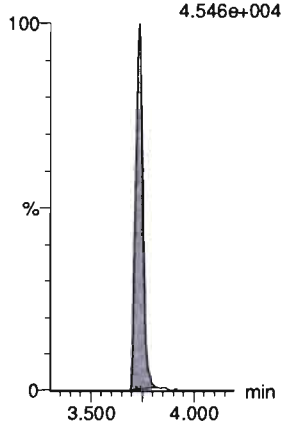
13C5-PFHxA



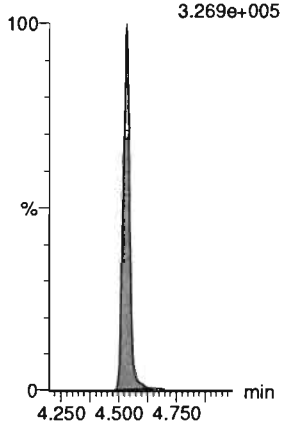
13C8-PFOA



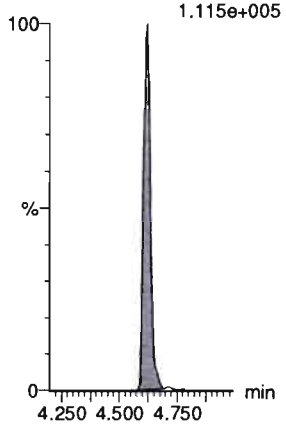
18O2-PFHxS



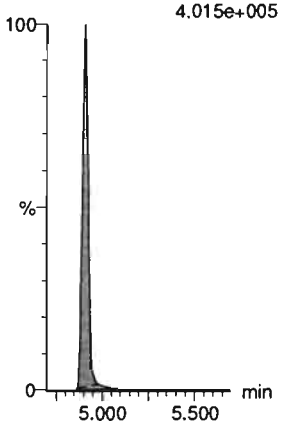
13C9-PFNA



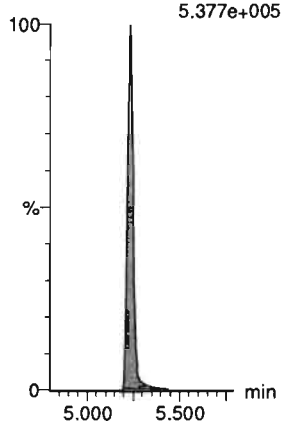
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	3003.895	2575.532	1.00	1.24	14.579	10.000	9.63	96.3	NO		
2	2	PFPrS	248.9 > 79.9		1583.938	1.00			10.000		(A)	NO		
3	3	3:3 FTCA	241.1 > 177.0		5272.290	1.00			10.000		↓	NO		
4	4	PFPeA	263.1 > 218.9	3857.104	5272.290	1.00	2.17	9.145	10.000	9.83	98.3	NO		
5	5	PFBS	299.0 > 79.7	2091.181	1583.938	1.00	2.45	16.503	8.840	8.10	91.6	NO	2.673	NO
6	6	4:2 FTS	327.0 > 306.9	5064.387	2499.077	1.00	2.89	25.331	9.360	9.82	104.9	NO	1.974	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2575.532		1.00	1.24	2575.532	12.500	12.2	97.4	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1583.938		1.00	2.45	1583.938	12.500	13.3	106.4	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5272.290		1.00	2.17	5272.290	12.500	12.3	98.0	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5272.290		1.00	2.17	5272.290	12.500	12.3	98.0	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1583.938		1.00	2.45	1583.938	12.500	13.3	106.4	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2499.077		1.00	2.89	2499.077	12.500	12.0	95.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	8742.585	10213.863	1.00	2.97	10.699	10.000	9.45	94.5	NO	17.586	NO
15	8	PFPeS	349.0 > 80.0	2584.962	1583.938	1.00	3.18	20.400	9.360	8.74	93.3	NO	1.584	NO
16	9	HFPO-DA	285.1 > 168.9	551.468	714.906	1.00	3.19	9.642	10.000	9.94	99.4	NO	1.939	NO
17	10	5:3 FTCA	340.9 > 236.9		6140.525	1.00			10.000		(A)	NO		
18	11	PFHpA	363.0 > 318.9	6063.881	6140.525	1.00	3.59	12.344	10.000	10.0	100.2	NO	10.158	NO
19	12	ADONA	376.8 > 250.9	22749.625	6140.525	1.00	3.70	46.310	9.440	9.54	101.0	NO	3.241	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10213.863		1.00	2.97	10213.863	12.500	12.6	100.8	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1583.938		1.00	2.45	1583.938	12.500	13.3	106.4	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	714.906		1.00	3.19	714.906	12.500	11.1	89.2	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	6140.525		1.00	3.59	6140.525	12.500	11.4	91.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	6140.525		1.00	3.59	6140.525	12.500	11.4	91.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	6140.525		1.00	3.59	6140.525	12.500	11.4	91.2	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2719.811	3796.361	1.00	3.73	8.955	9.120	9.64	105.7	NO	1.737	NO
28	15	6:2 FTS	427. > 407.0	4586.598	2292.143	1.00	4.04	25.013	9.480	8.60	90.7	NO	1.940	NO
29	16	L-PFOA	412.8 > 368.9	16012.852	13019.699	1.00	4.10	15.374	10.000	10.5	105.4	NO	3.638	NO
30	18	PFecHS	460.8 > 381.0		13019.699	1.00			10.000		(A)	NO		
31	19	PFHpS	448.9 > 80.0	2687.101	3957.829	1.00	4.21	8.487	9.520	9.11	95.7	NO	1.905	NO
32	20	7:3 FTCA	441.0 > 337.0		12135.641	1.00			10.000		(A)	NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3796.361		1.00	3.73	3796.361	12.500	12.8	102.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2292.143		1.00	4.04	2292.143	12.500	12.1	96.8	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13019.699		1.00	4.10	13019.699	12.500	12.4	99.1	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13019.699		1.00	4.10	13019.699	12.500	12.4	99.1	NO		

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Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	3957.829		1.00	4.62	3957.829	12.500	12.2	97.9	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	12135.641		1.00	4.53	12135.641	12.500	11.9	94.8	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	11571.393	12135.641	1.00	4.53	11.919	10.000	9.50	95.0	NO	4.289	NO
41	22	PFOSA	498.0 > 78.0	2992.785	4108.853	1.00	4.59	9.105	10.000	9.58	95.8	NO	26.090	NO
42	23	L-PFOS	499 > 80	2876.262	3957.829	1.00	4.62	9.084	9.280	8.96	96.6	NO	1.970	NO
43	25	9Cl-PF30NS	531 > 351.0	10954.810	3957.829	1.00	4.83	34.599	9.320	8.95	96.1	NO	19.804	NO
44	26	PFDA	513 > 468.8	14500.533	13272.237	1.00	4.91	13.657	10.000	8.82	88.2	NO	4.902	NO
45	27	8:2 FTS	526.9 > 507.0	4646.891	2594.154	1.00	4.88	22.391	9.600	9.76	101.6	NO	1.773	YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	12135.641		1.00	4.53	12135.641	12.500	11.9	94.8	NO		
47	67	13C8-PFOSA-EIS	506. > 78	4108.853		1.00	4.58	4108.853	12.500	12.5	100.4	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	3957.829		1.00	4.62	3957.829	12.500	12.2	97.9	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	3957.829		1.00	4.62	3957.829	12.500	12.2	97.9	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	13272.237		1.00	4.91	13272.237	12.500	13.1	104.6	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	2594.154		1.00	4.88	2594.154	12.500	12.2	97.2	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	3287.023	3957.829	1.00	4.97	10.381	9.600	9.41	98.0	NO	1.707	NO
54	29	L-MeFOSAA	570 > 419	8210.520	11872.131	1.00	5.06	8.645	10.000	8.87	88.7	NO	2.600	NO
55	31	L-EtFOSAA	583.9 > 419	8065.189	10359.720	1.00	5.22	9.731	10.000	9.60	96.0	NO	1.341	NO
56	33	PFUdA	563.0 > 518.9	14032.841	19577.064	1.00	5.23	8.960	10.000	10.1	101.1	NO	8.775	NO
57	34	PFDS	599.0 > 80.0	2697.197	3957.829	1.00	5.28	8.519	9.640	9.35	97.0	NO	1.346	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	9644.301	24679.145	1.00	5.44	4.885	9.440	8.35	88.5	NO	16.918	NO
59	71	13C8-PFOS-EIS	507.0 > 80	3957.829		1.00	4.62	3957.829	12.500	12.2	97.9	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	11872.131		1.00	5.05	11872.131	12.500	12.4	99.0	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	10359.720		1.00	5.21	10359.720	12.500	12.4	99.4	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	19577.064		1.00	5.23	19577.064	12.500	12.8	102.6	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	3957.829		1.00	4.62	3957.829	12.500	12.2	97.9	NO		
64	83	13C2-PFDoA-EIS	615 > 570	24679.145		1.00	5.52	24679.145	12.500	12.7	102.0	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		1661.987	1.00			10.000		(A)	NO		
67	37	PFDoA	612.9 > 569.0	18602.057	24679.145	1.00	5.52	9.422	10.000	9.59	95.9	NO	8.487	NO
68	38	N-MeFOSA	512.1 > 168.9		12834.693	1.00			9.600		(A)	NO		
69	39	PFTrDA	662.9 > 618.9	16138.713	24679.145	1.00	5.77	8.174	10.000	8.95	89.5	NO	8.224	NO
70	40	PFDoS	698.9 > 80		13150.658	1.00			10.000		(A)	NO		
71	41	PFTeDA	713.0 > 669.0	16872.938	13150.658	1.00	5.98	16.038	10.000	10.2	101.9	NO	12.368	NO
72	85	13C2-10:2 FTS-EIS	633 > 79.9	1661.987		1.00	5.49	1661.987	12.500	10.6	84.8	NO		

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Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	615 > 570	24679.145		1.00	5.52	24679.145	12.500	12.7	102.0	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	12834.693		1.00	5.60	12834.693	149.200	144	96.2	NO		
75	83 13C2-PFDoA-EIS	615 > 570	24679.145		1.00	5.52	24679.145	12.500	12.7	102.0	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	13150.658		1.00	5.98	13150.658	12.500	10.7	85.5	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	13150.658		1.00	5.98	13150.658	12.500	10.7	85.5	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9		21288.916	1.00			9.600			NO		
80	43 PFHxDA	813.1 > 768.6		21532.650	1.00			10.000			NO		
81	44 PFODA	913.1 > 868.8		21532.650	1.00			10.000			NO		
82	45 N-MeFOSE	616.1 > 58.9		8121.754	1.00			9.600			NO		
83	46 N-EtFOSE	630.1 > 58.9		9932.249	1.00			9.600			NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	2688.395	4101.524	1.00	1.24	8.193	12.500	12.6	101.0	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	21288.916		1.00	6.03	21288.916	149.200	146	98.2	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	21532.650		1.00	6.33	21532.650	12.500	11.7	93.9	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	21532.650		1.00	6.33	21532.650	12.500	11.7	93.9	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	8121.754		1.00	6.23	8121.754	149.200	141	94.7	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	9932.249		1.00	6.38	9932.249	149.200	147	98.8	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	5272.290	11840.141	1.00	2.17	5.566	12.500	12.3	98.5	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1583.938	2096.406	1.00	2.45	9.444	12.500	12.3	98.7	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	714.906	11840.141	1.00	3.19	0.755	12.500	11.5	92.3	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	2499.077	2096.406	1.00	2.89	14.901	12.500	12.2	97.5	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	10213.863	11840.141	1.00	2.97	10.783	12.500	12.7	101.9	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	6140.525	11840.141	1.00	3.59	6.483	12.500	12.0	95.8	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3796.361	2096.406	1.00	3.73	22.636	12.500	12.4	99.0	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	2292.876	4308.824	1.00	4.04	6.652	12.500	12.8	102.8	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	12135.641	13377.536	1.00	4.53	11.340	12.500	12.4	99.4	NO		
100	68 13C8-PFOSA-RSD	506. > 78	4101.271	23016.113	1.00	4.58	2.227	12.500	12.6	100.9	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	13019.699	20326.869	1.00	4.10	8.006	12.500	12.3	98.7	NO		
102	72 13C8-PFOS-RSD	507.0 > 80	3957.829	4308.824	1.00	4.62	11.482	12.500	11.9	95.2	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	13274.185	17029.379	1.00	4.91	9.744	12.500	13.7	109.4	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	528.9 > 79.9	2594.154	4308.824	1.00	4.88	7.526	12.500	12.5	100.4	NO		
106	78 d3-N-MeFOSAA-RSD	573. > 419	11872.131	23016.113	1.00	5.05	6.448	12.500	13.1	105.2	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	19577.064	23016.113	1.00	5.23	10.632	12.500	12.6	100.7	NO		
108	82 d5-N-EtFOSAA-RSD	589. > 419	10359.720	23016.113	1.00	5.21	5.626	12.500	12.9	103.3	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	615 > 570	24663.207	17029.379	1.00	5.52	18.103	12.500	14.1	112.6	NO		
110	86	13C2-10:2 FTS-RSD	633 > 79.9	1645.012	4308.824	1.00	5.49	4.772	12.500	10.5	84.4	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	12834.693	23016.113	1.00	5.60	6.970	149.200	141	94.3	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	13150.658	23016.113	1.00	5.98	7.142	12.500	11.6	92.6	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	21288.916	23016.113	1.00	6.03	11.562	149.200	148	99.4	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	21532.650	23016.113	1.00	6.33	11.694	12.500	12.0	96.1	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	8121.754	23016.113	1.00	6.23	4.411	149.200	136	91.3	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	9933.284	23016.113	1.00	6.38	5.395	149.200	148	99.3	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	4101.524	4101.524	1.00	1.24	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	11840.141	11840.141	1.00	2.97	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	20326.869	20326.869	1.00	4.10	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0	2096.406	2096.406	1.00	3.73	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	13377.536	13377.536	1.00	4.53	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	4308.824	4308.824	1.00	4.62	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	17029.379	17029.379	1.00	4.91	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	23016.113	23016.113	1.00	5.23	12.500	12.500	12.5	100.0	NO		

FBR 6/24/2020

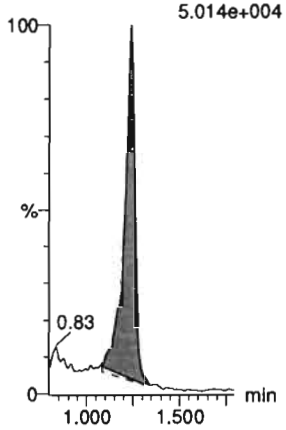
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

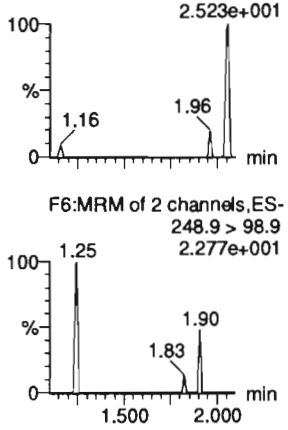
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_061820_ICV.mdb 19 Jun 2020 08:02:12
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

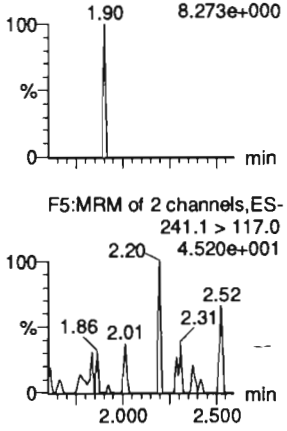
PFBA



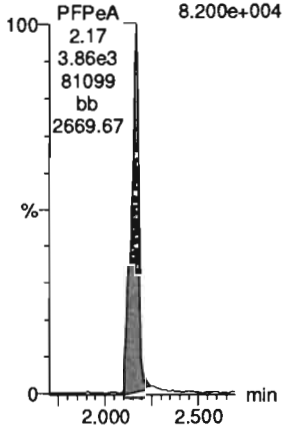
PFPrS



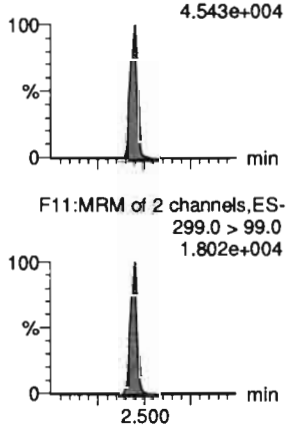
3:3 FTCA



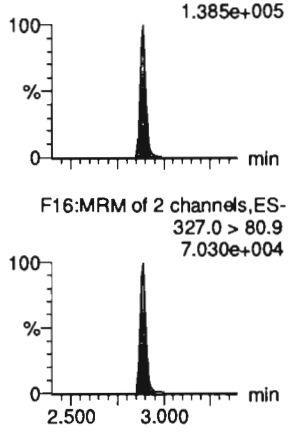
PFPeA



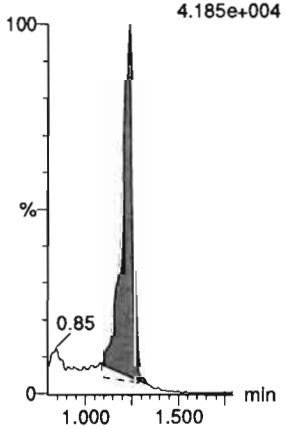
PFBS



4:2 FTS



13C3-PFBA-EIS



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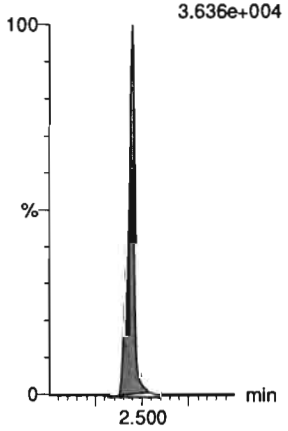

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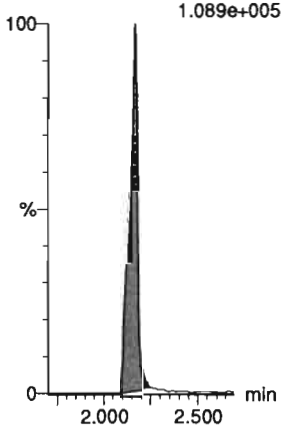

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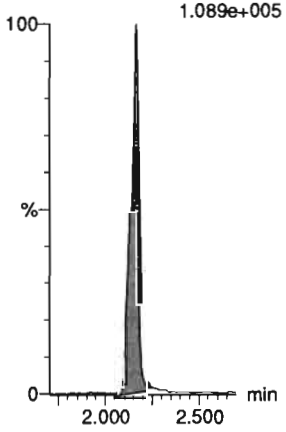

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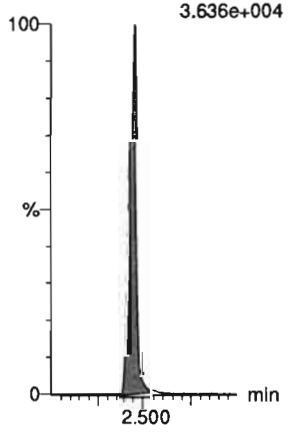
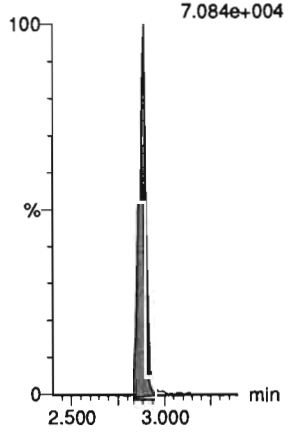


13C2-4:2 FTS-EIS



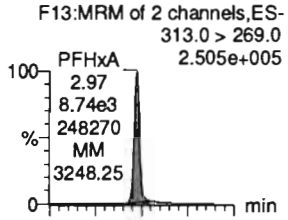
FBR 6/24/2020

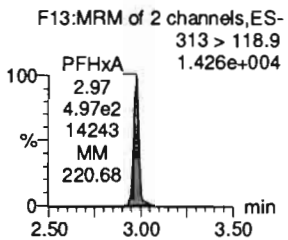
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

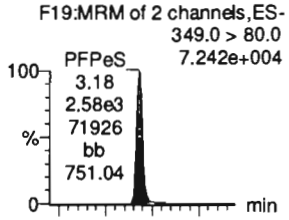
Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

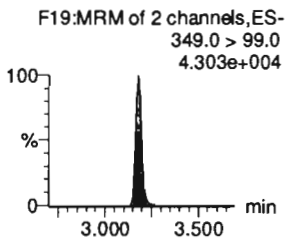
PFHxA



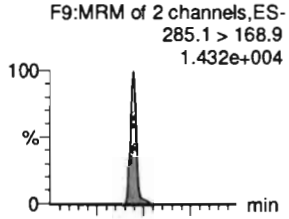


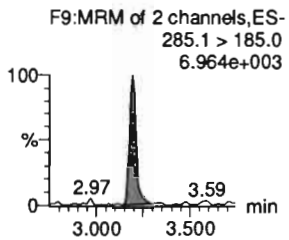
PFPeS



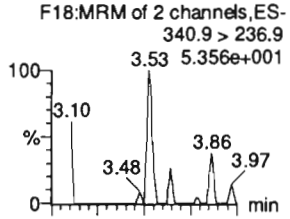


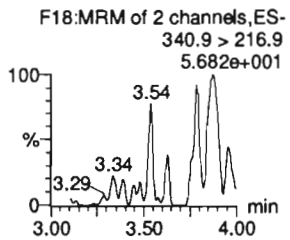
HFPO-DA



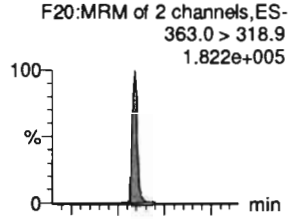


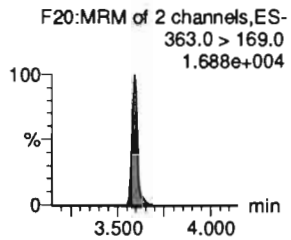
5:3 FTCA



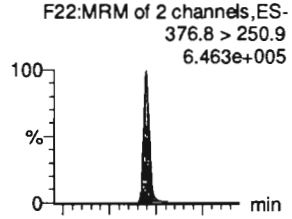


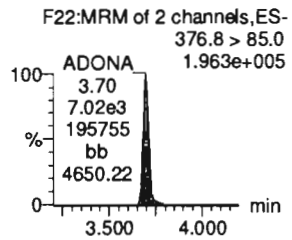
PFHpA





ADONA





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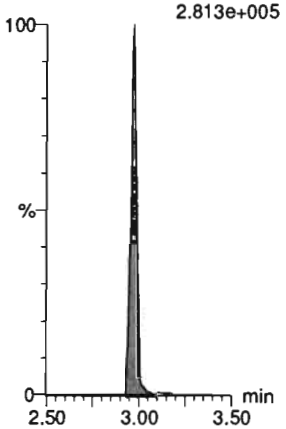
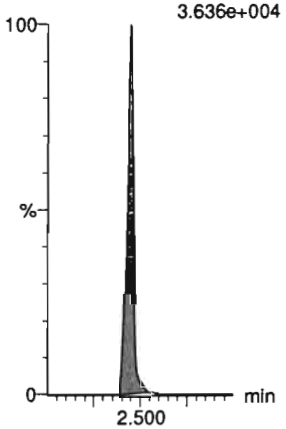
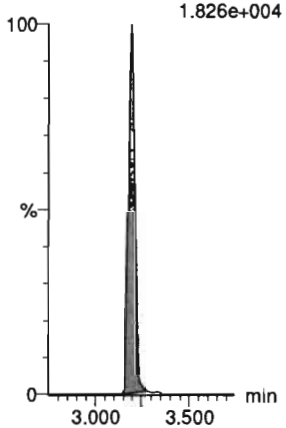


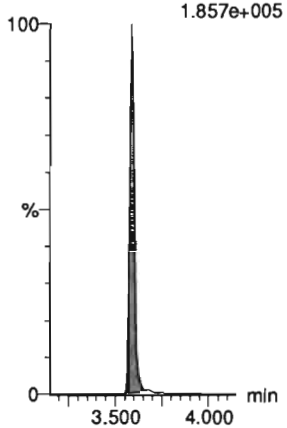
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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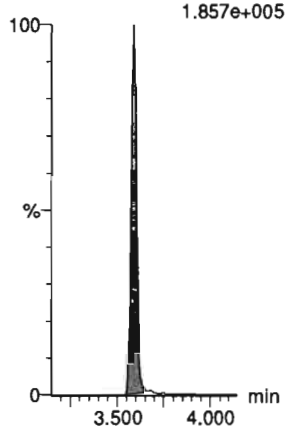

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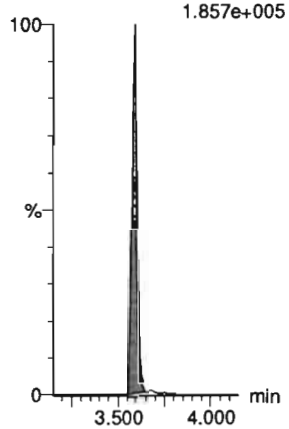

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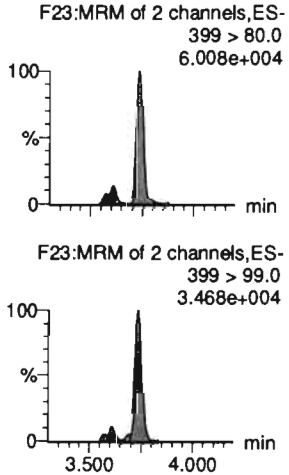
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

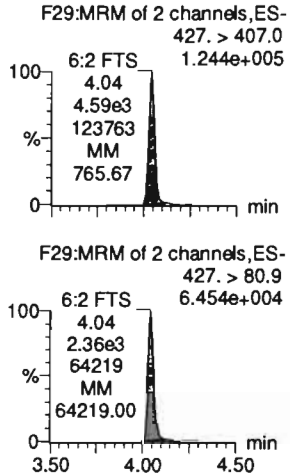
Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

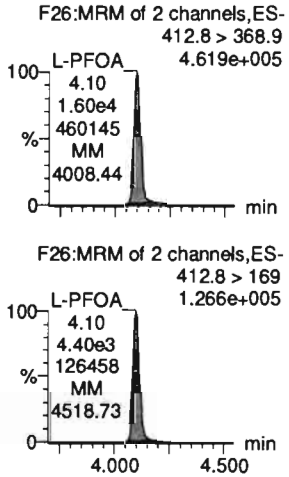
L-PFHxS



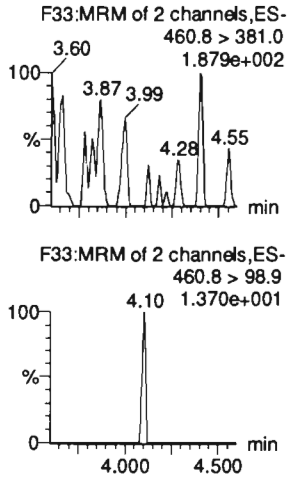
6:2 FTS



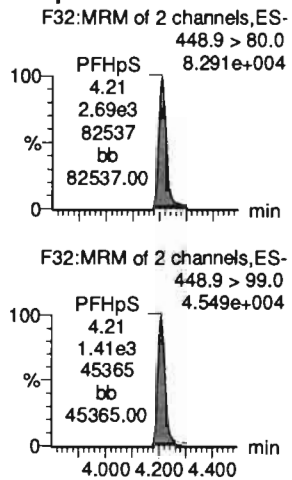
L-PFOA



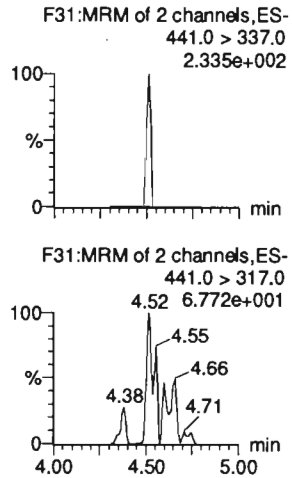
PFEChS



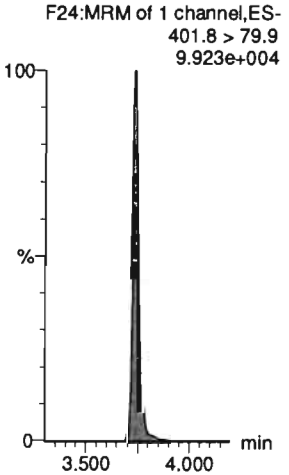
PFHpS



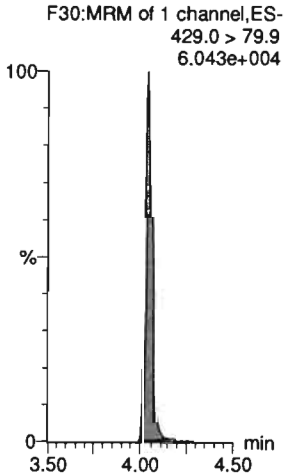
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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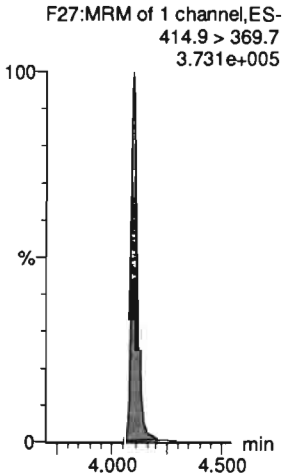

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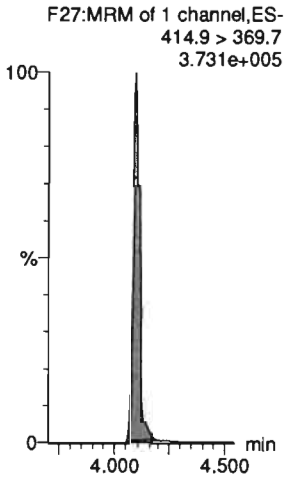
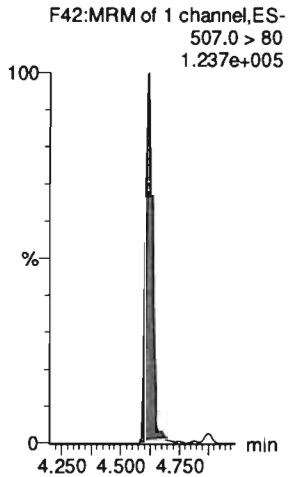
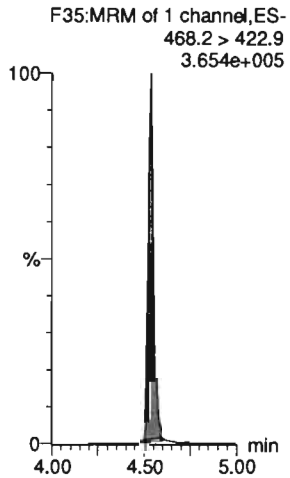


13C8-PFOS-EIS



13C5-PFNA-EIS



FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
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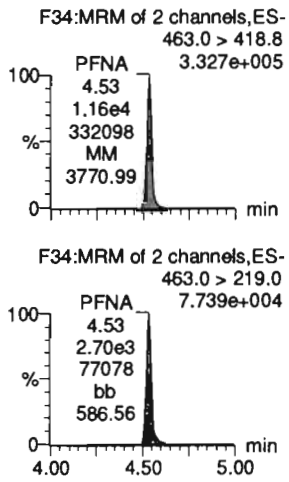
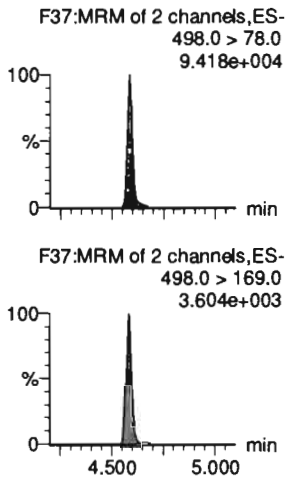
Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

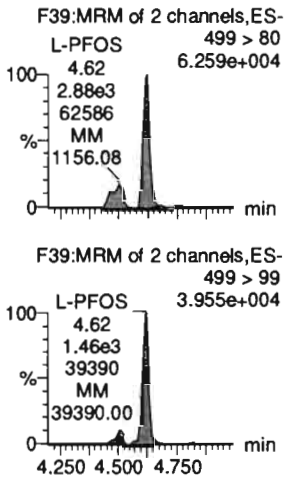
PFNA



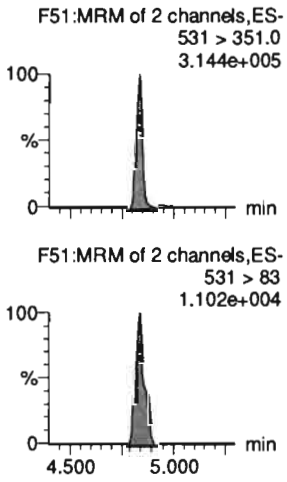
PFOSA



L-PFOS



9Cl-PF30NS



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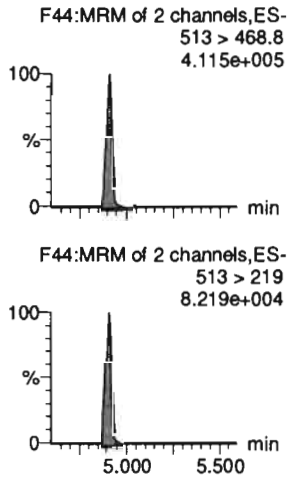
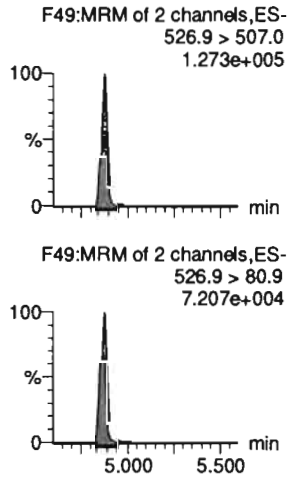
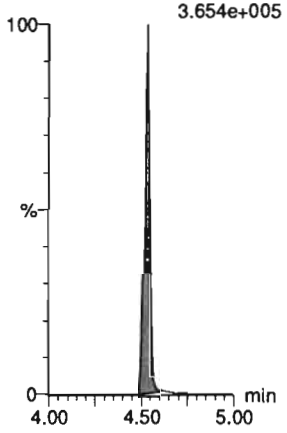


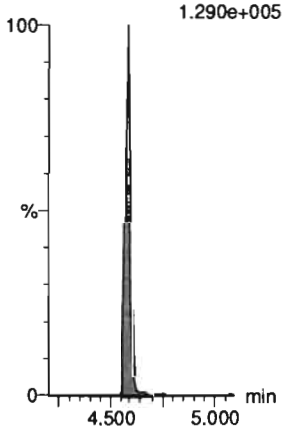
8:2 FTS



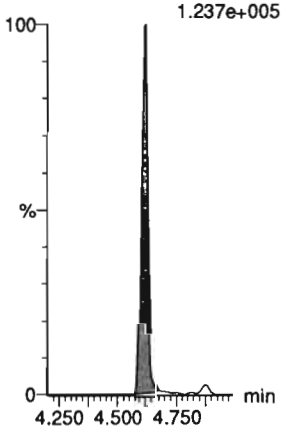
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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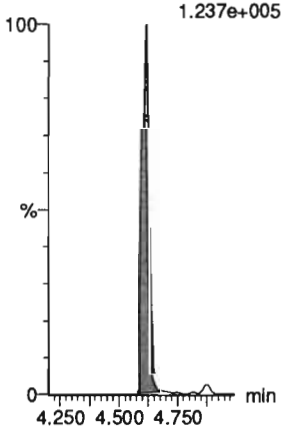

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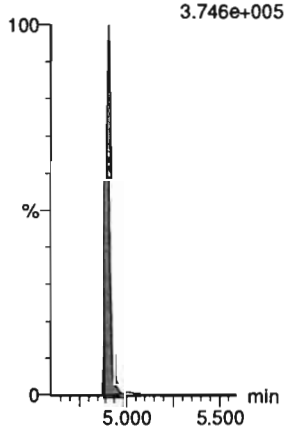
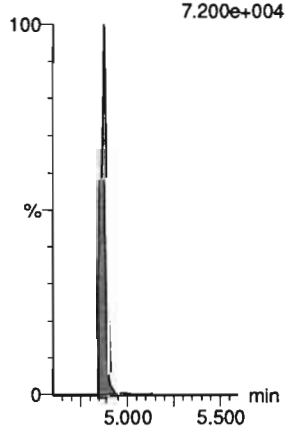


13C2-8:2 FTS-EIS



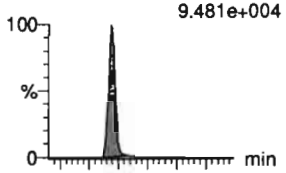
FBR 6/24/2020

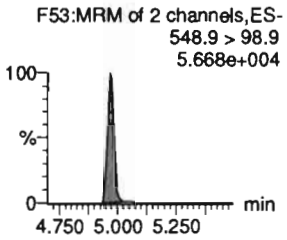
Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

PFNS





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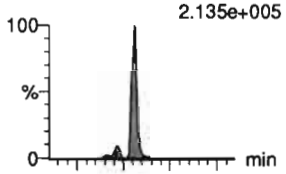

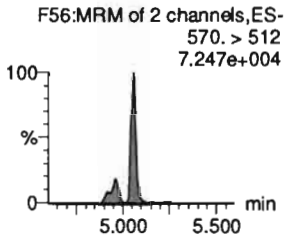

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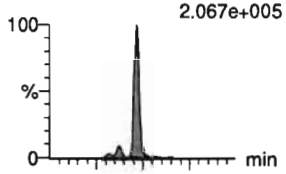

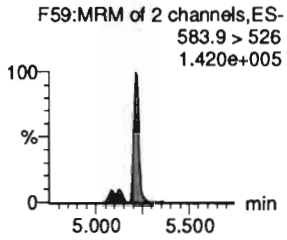

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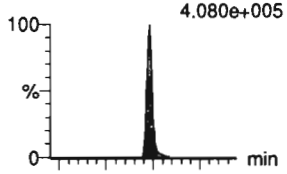

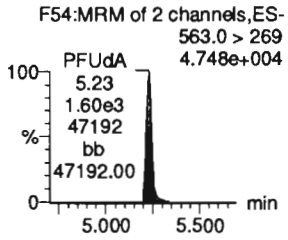

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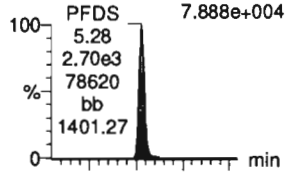

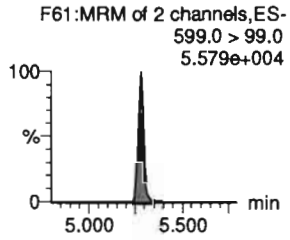

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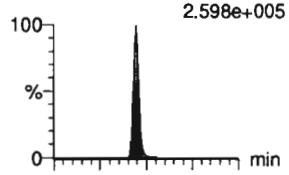

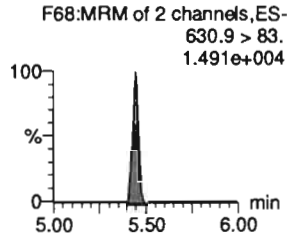

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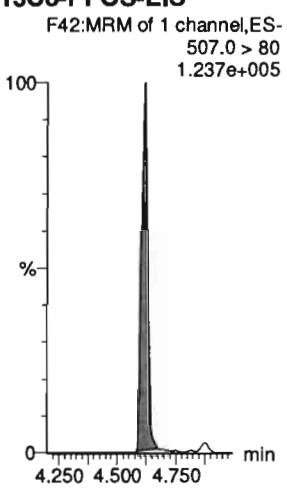

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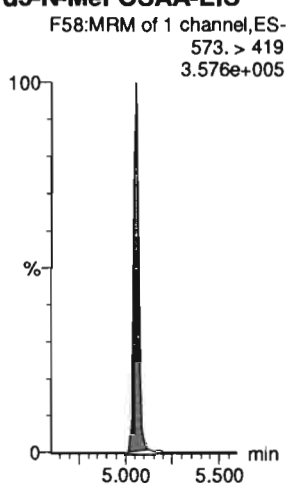

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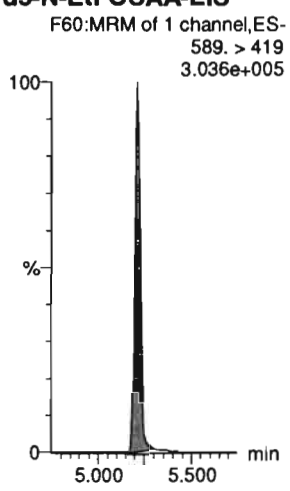

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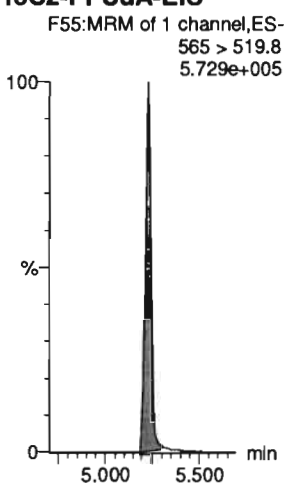

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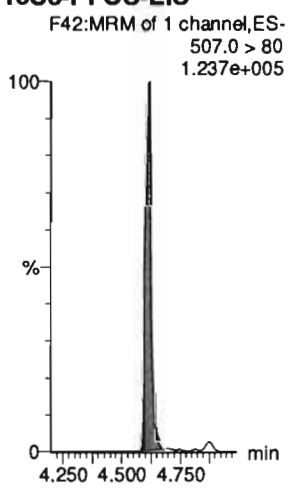

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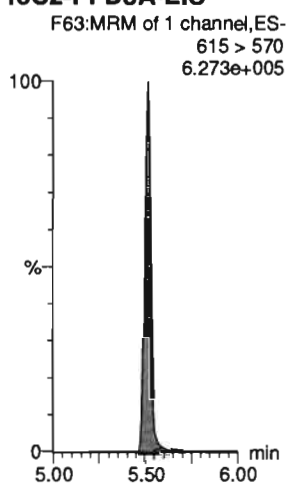

FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

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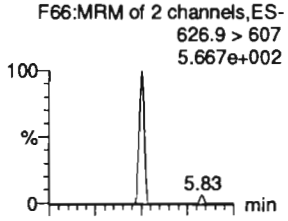
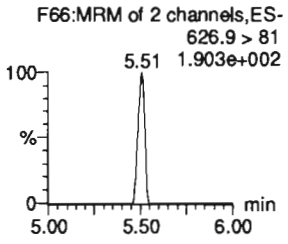
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

10:2 FTS





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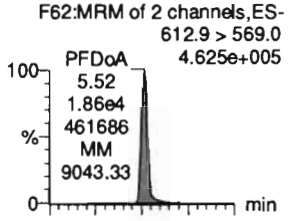

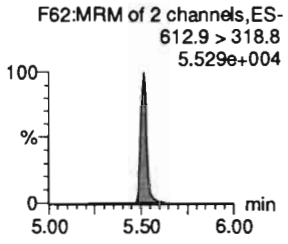

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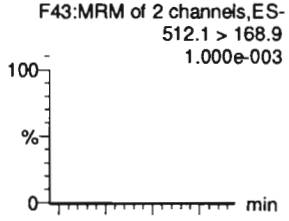

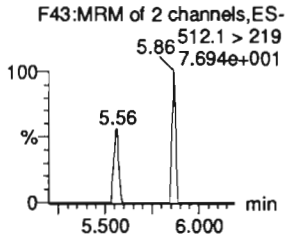

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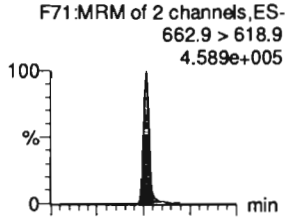

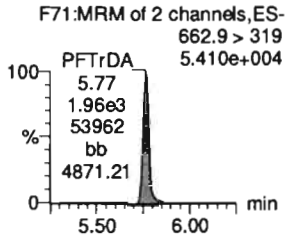

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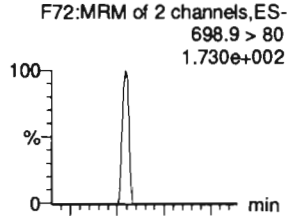

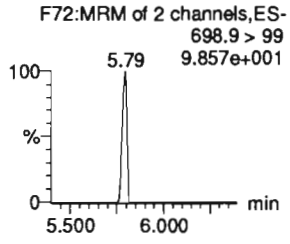

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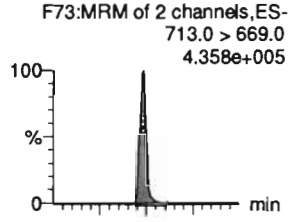

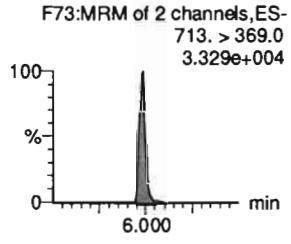

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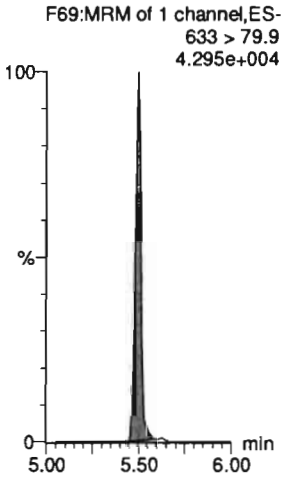
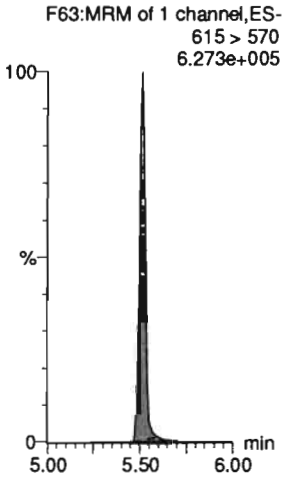
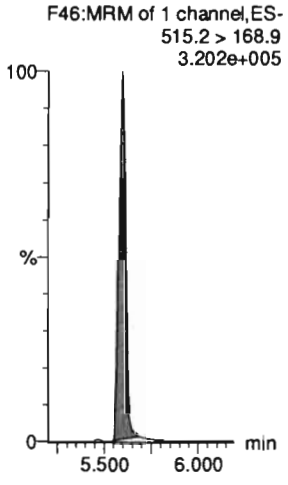


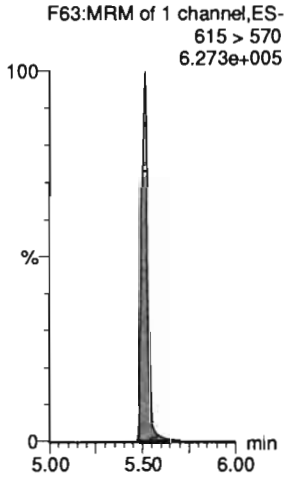
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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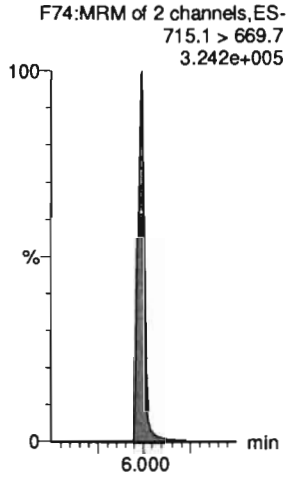

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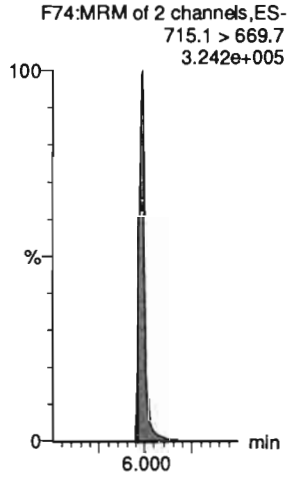

FBR 6/24/2020

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Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

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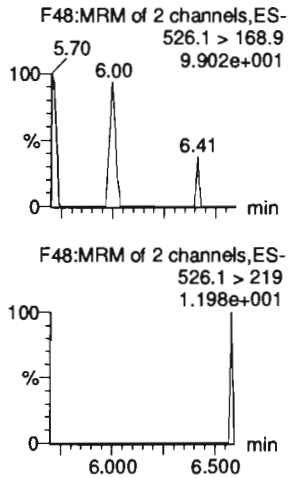

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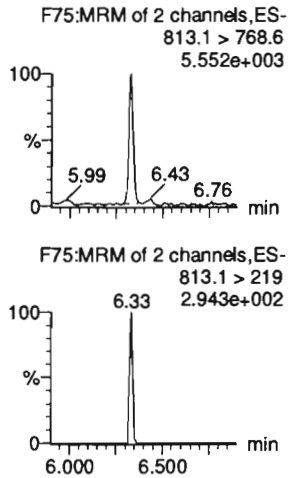

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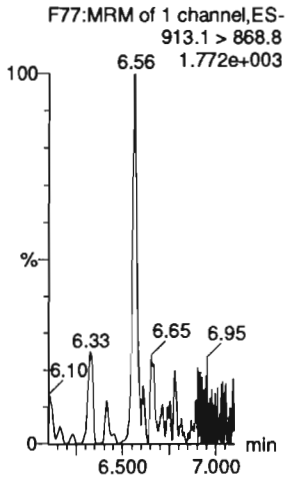
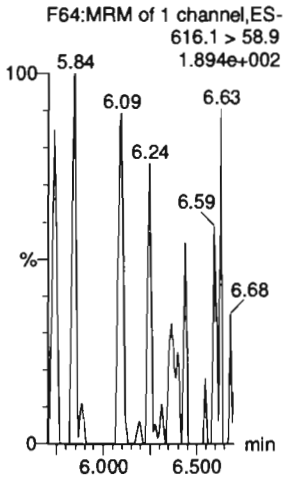


N-MeFOSE



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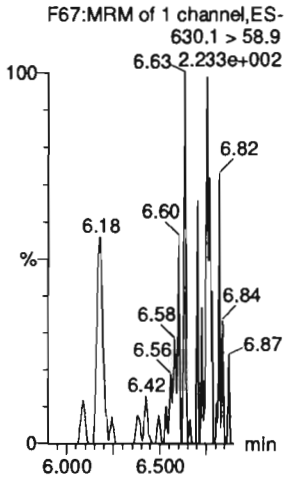

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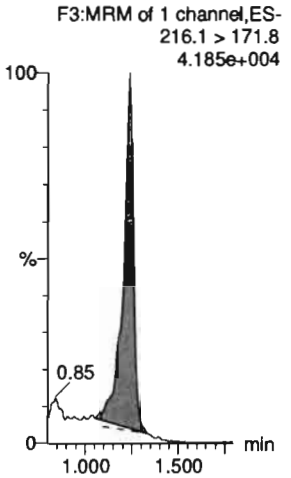
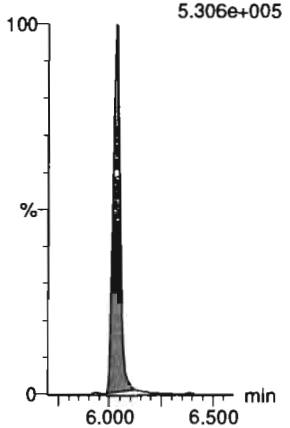
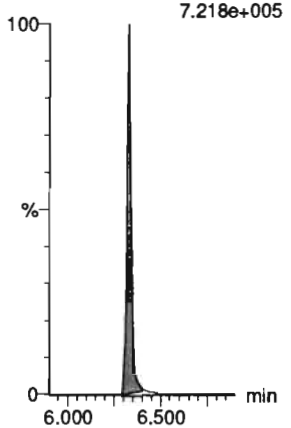


d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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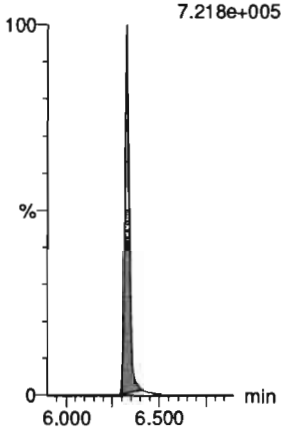

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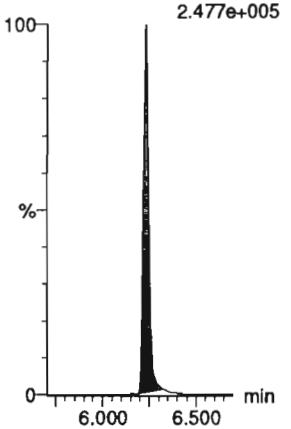

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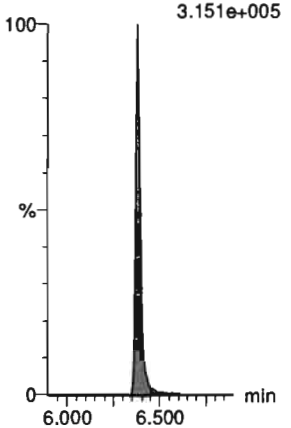

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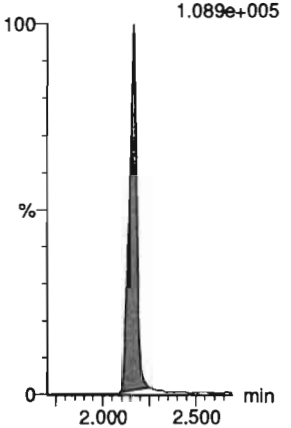


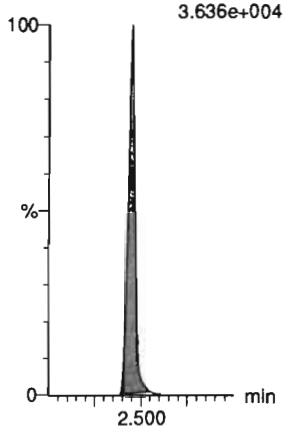
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

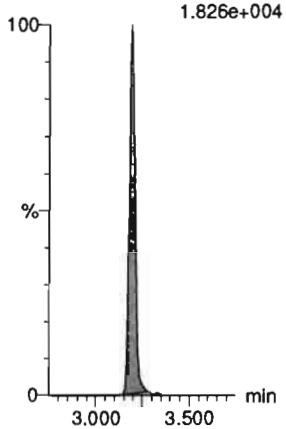
Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

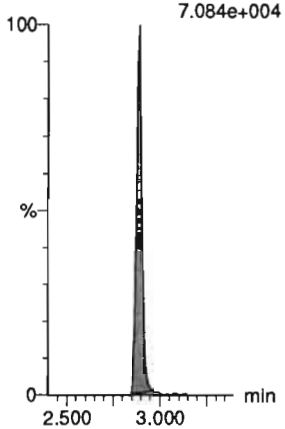
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.636e+004



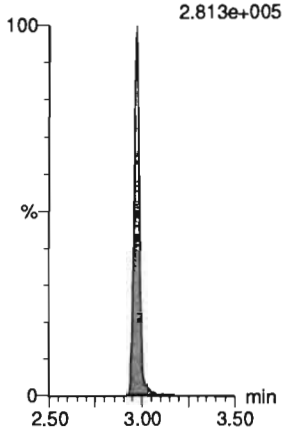
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.826e+004



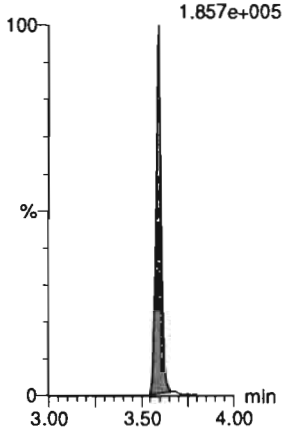
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.084e+004



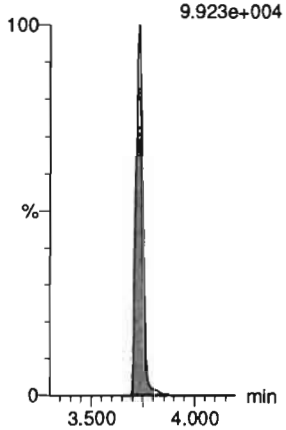
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.813e+005



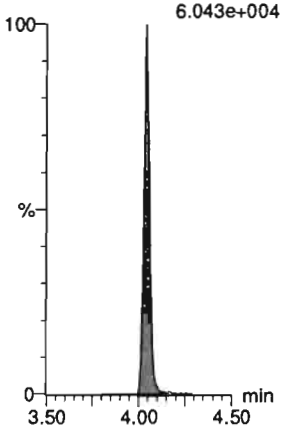
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.857e+005



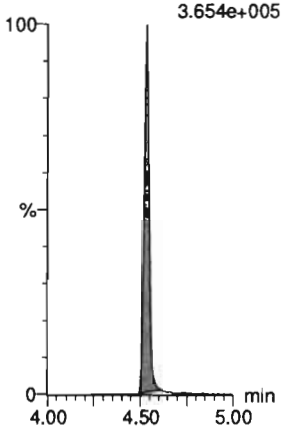
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.923e+004



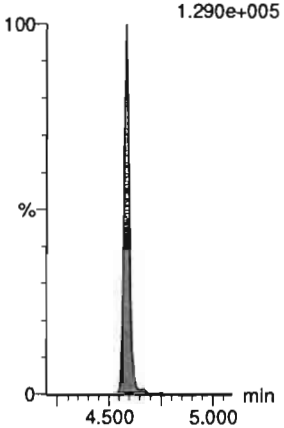
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.043e+004



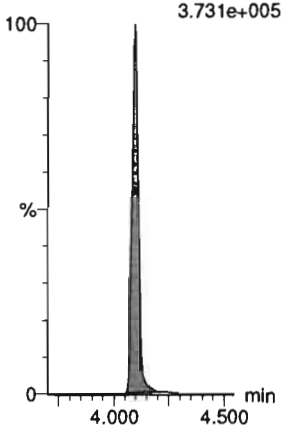
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.654e+005



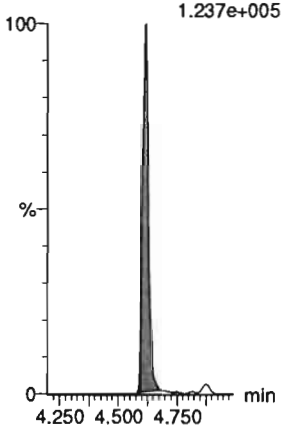
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.290e+005



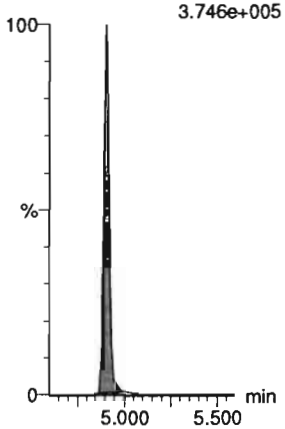
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.731e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.237e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.746e+005



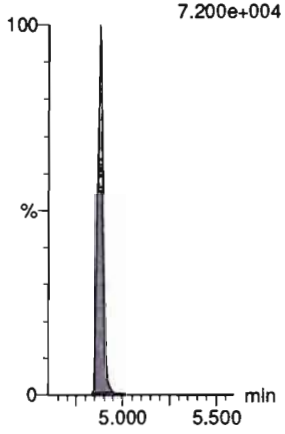
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

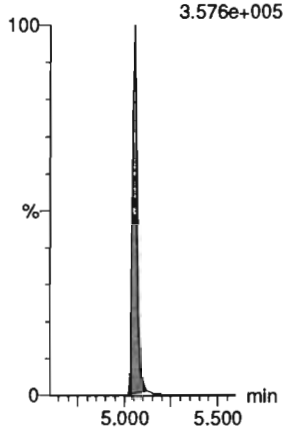
Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

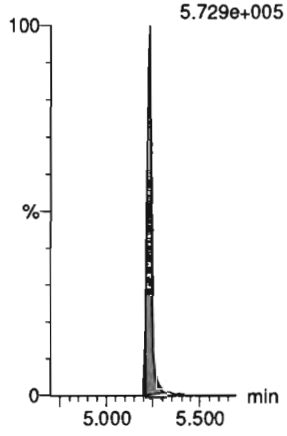
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
7.200e+004



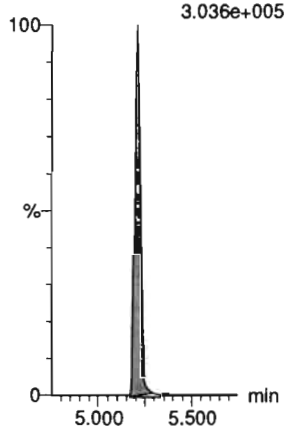
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.576e+005



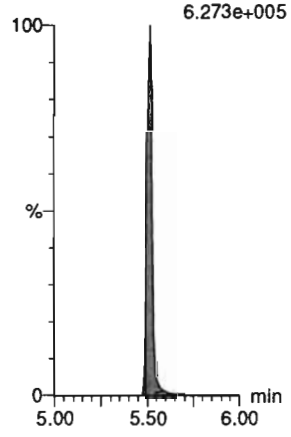
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.729e+005



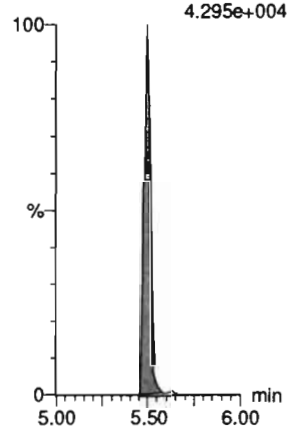
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
3.036e+005



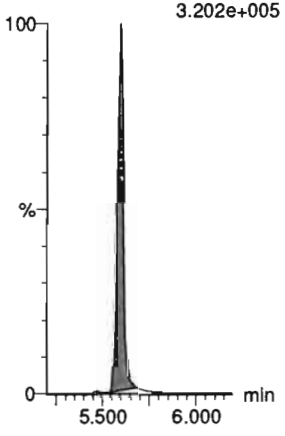
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.273e+005



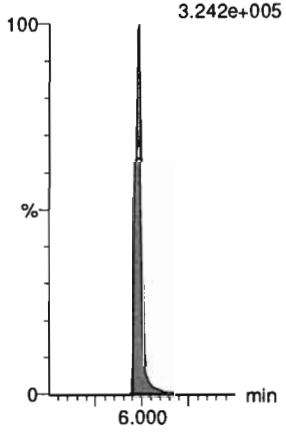
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.295e+004



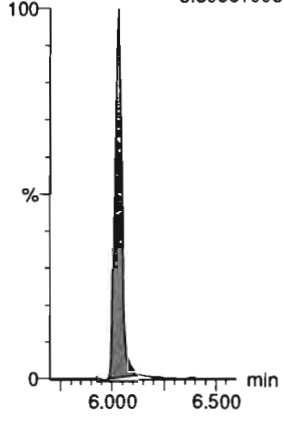
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.202e+005



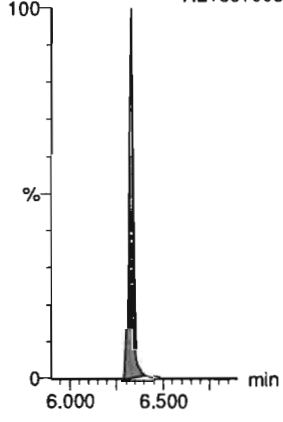
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.242e+005



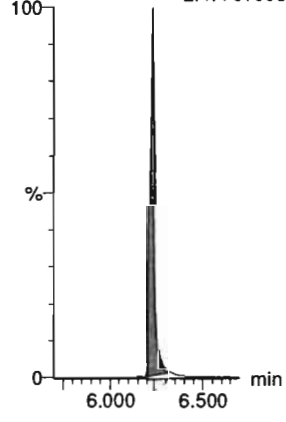
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.306e+005



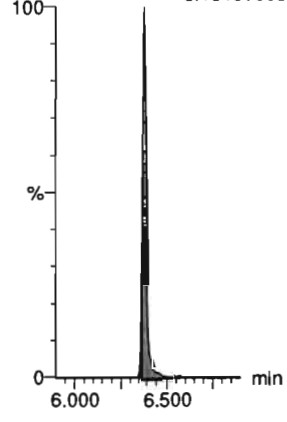
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
7.218e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.477e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.151e+005



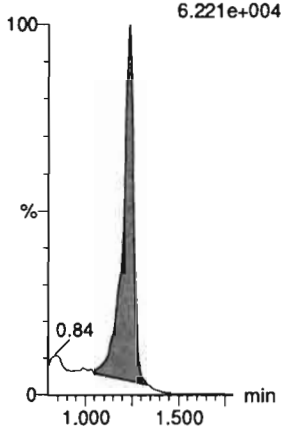
FBR 6/24/2020

Dataset: F:\Projects\PFAS.PRO\Results\200623M1\200623M1-ICV.qld

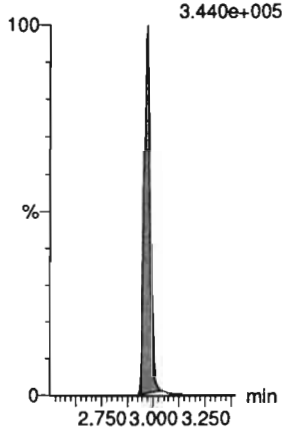
Last Altered: Wednesday, June 24, 2020 11:08:34 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:09:01 Pacific Daylight Time

Name: 200623M1_15, Date: 23-Jun-2020, Time: 14:28:58, ID: ICV200623M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

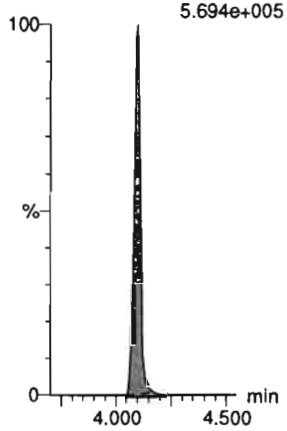
13C4-PFBA



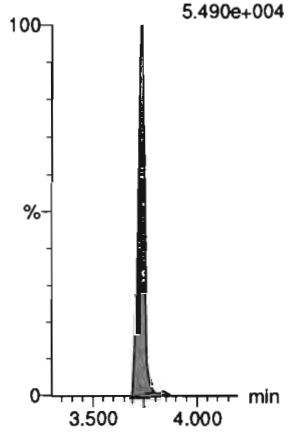
13C5-PFHxA



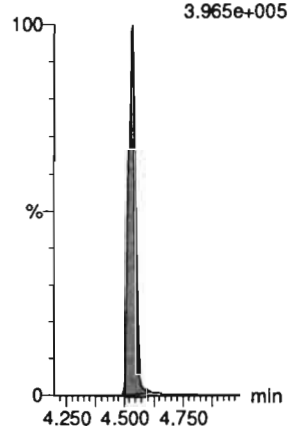
13C8-PFOA



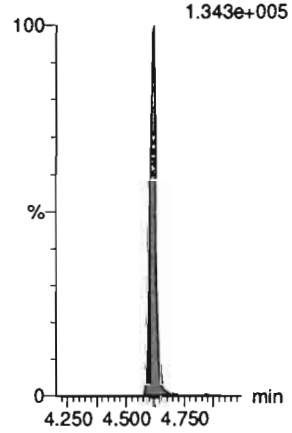
18O2-PFHxS



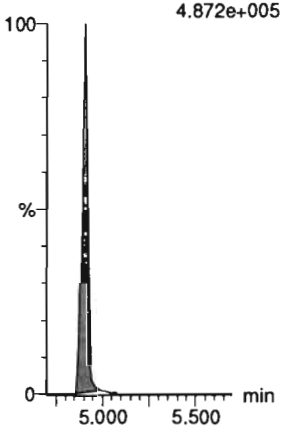
13C9-PFNA



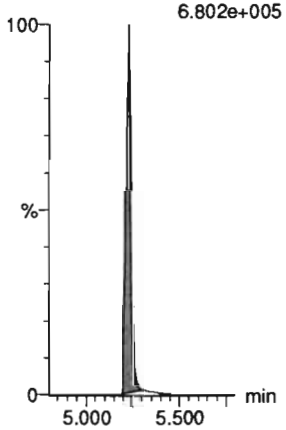
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/24/2020

Vista Analytical Laboratory

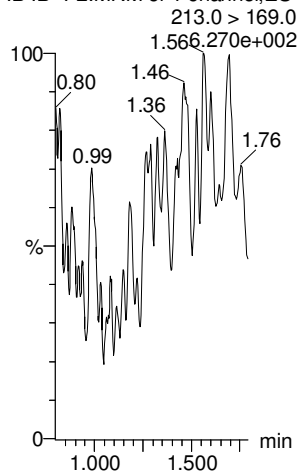
Dataset: Untitled

Last Altered: Wednesday, June 24, 2020 11:14:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:15:02 Pacific Daylight Time

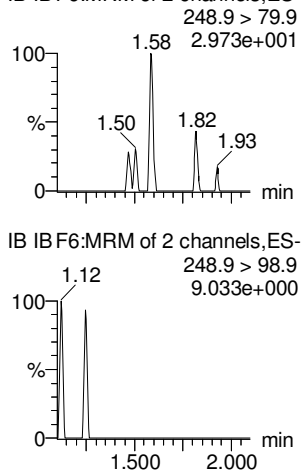
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_062320.mdb 24 Jun 2020 09:12:57
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-23-20.cdb 24 Jun 2020 10:39:25

Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

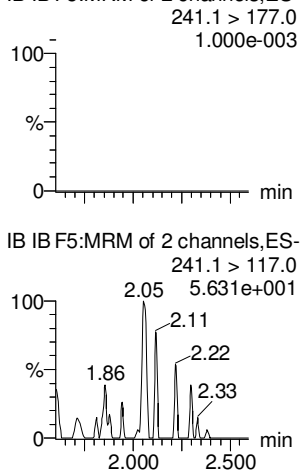
PFBA



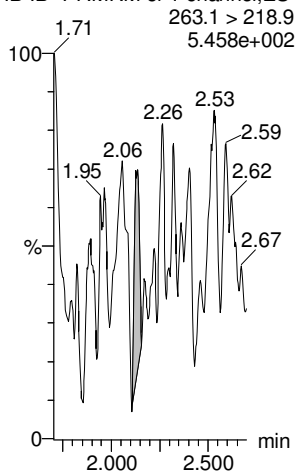
PFPrS



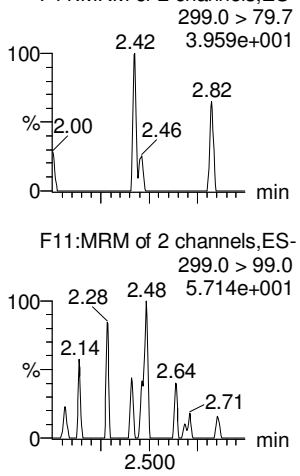
3:3 FTCA



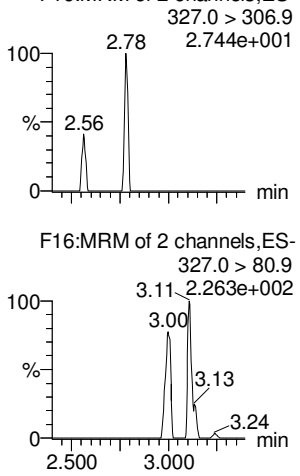
PFPeA



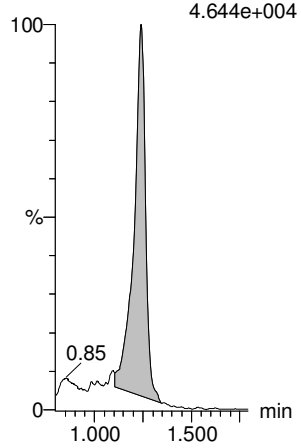
PFBS



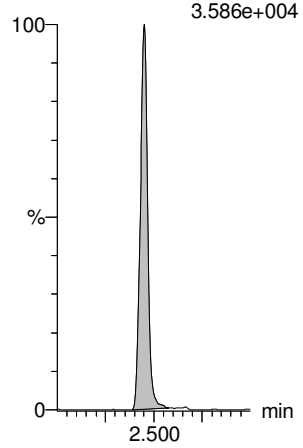
4:2 FTS



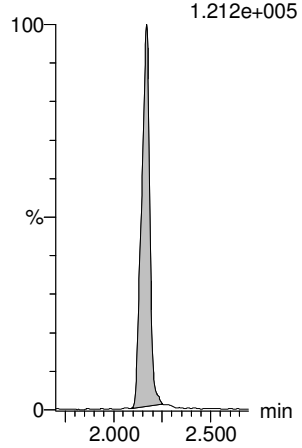
13C3-PFBA-EIS



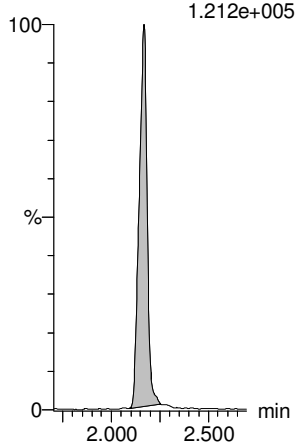
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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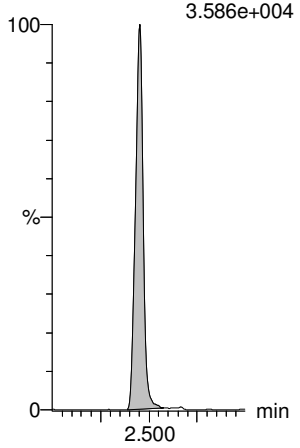
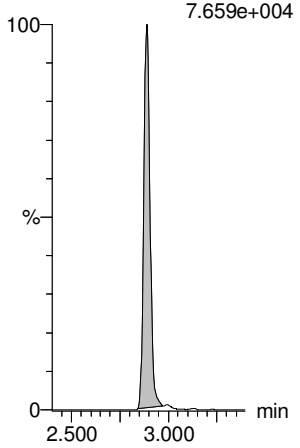


13C2-4:2 FTS-EIS



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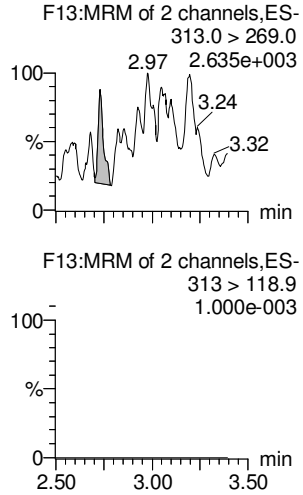
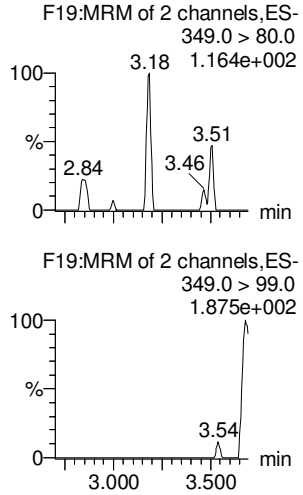
Last Altered: Wednesday, June 24, 2020 11:14:59 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:15:02 Pacific Daylight Time

Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

PFHxA



PFPeS



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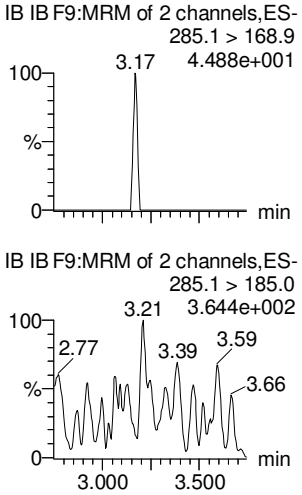
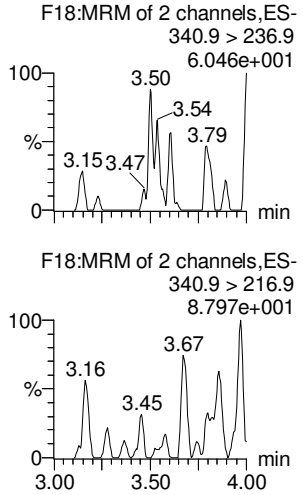


5:3 FTCA



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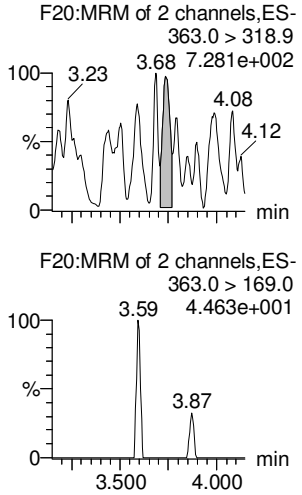

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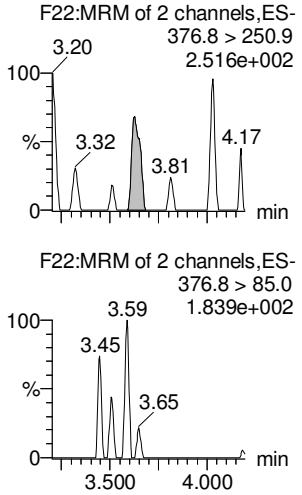
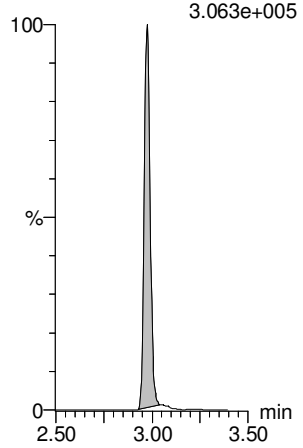


13C2-PFHxA-EIS



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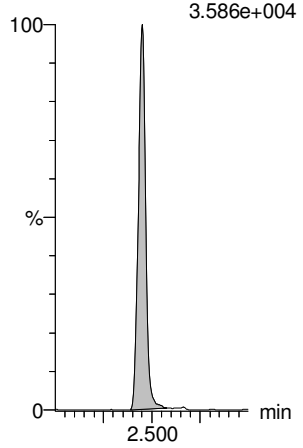

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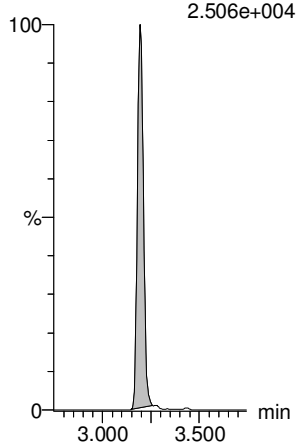

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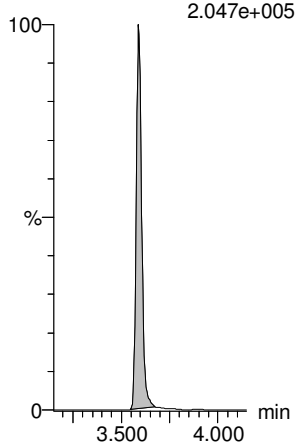

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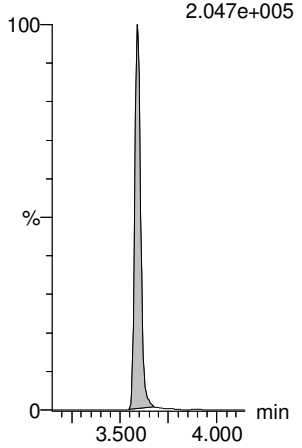

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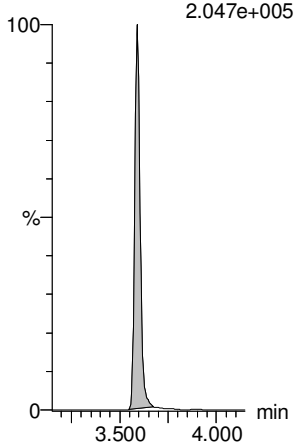

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Printed: Wednesday, June 24, 2020 11:15:02 Pacific Daylight Time

Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

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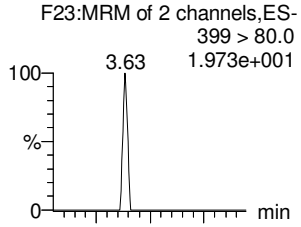
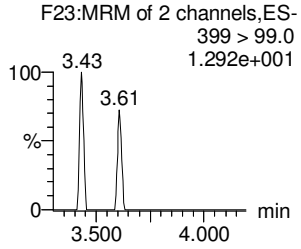
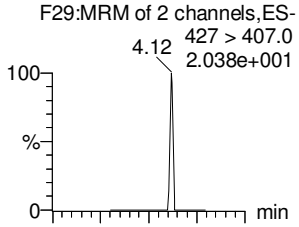
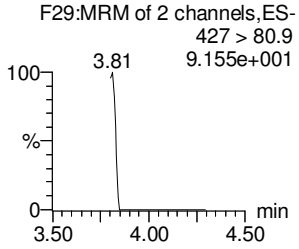




6:2 FTS





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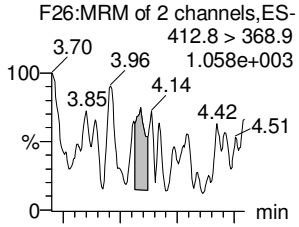

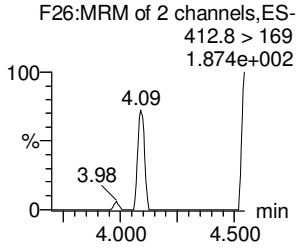

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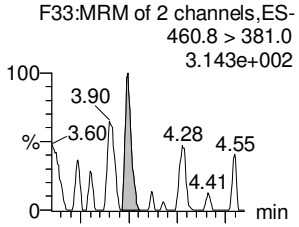

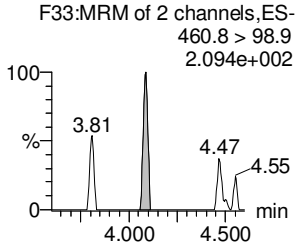

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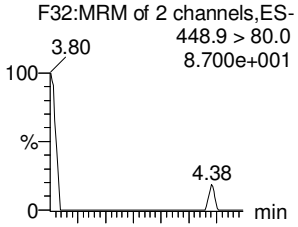
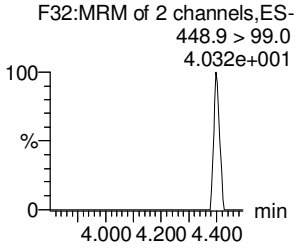
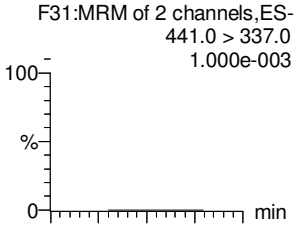
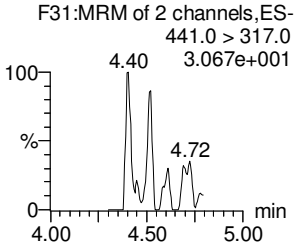




7:3 FTCA





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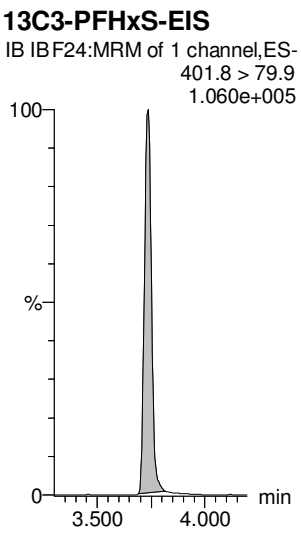
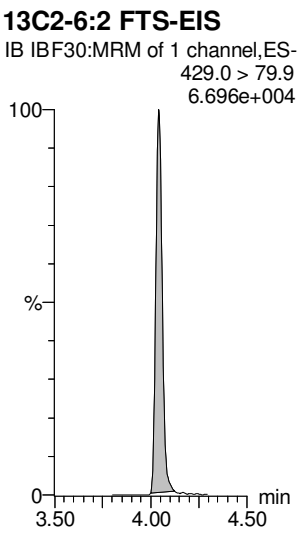


13C2-6:2 FTS-EIS



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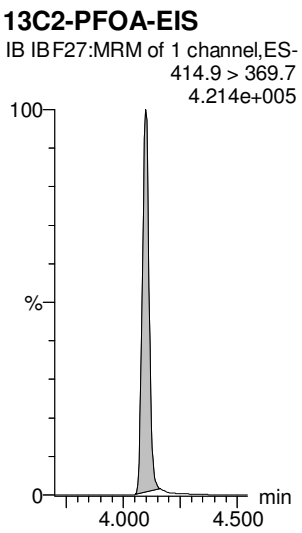

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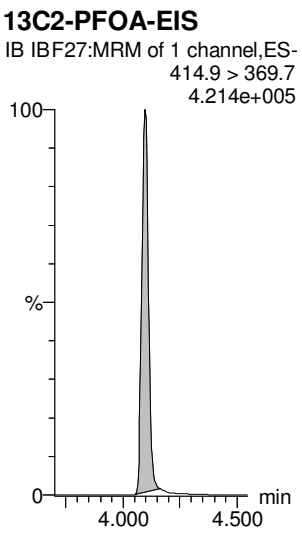

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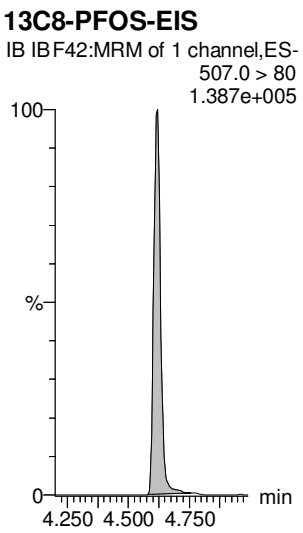

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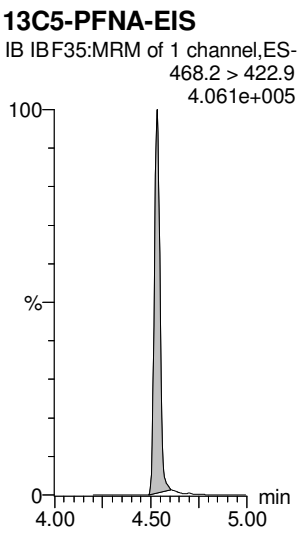

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Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

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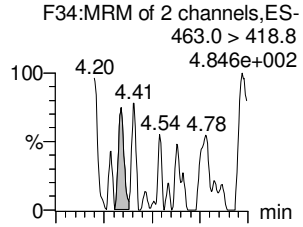

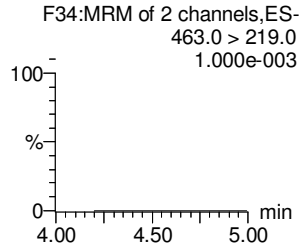

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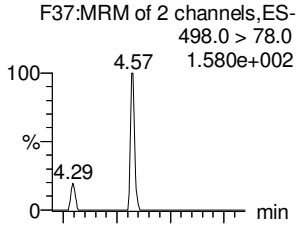
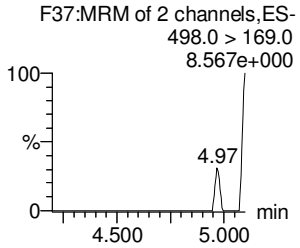
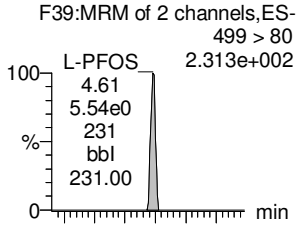
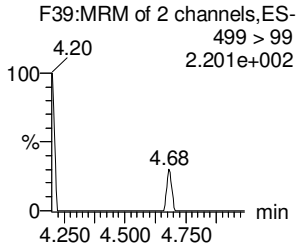




L-PFOS





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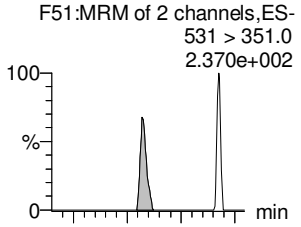

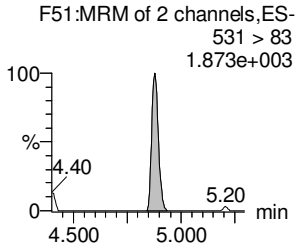

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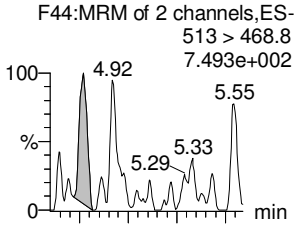

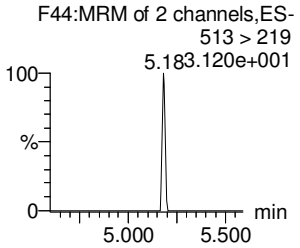

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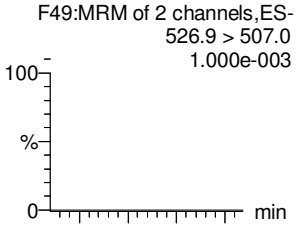

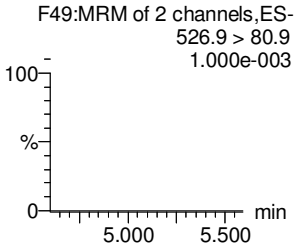

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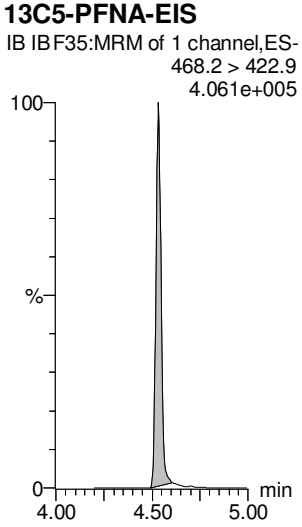

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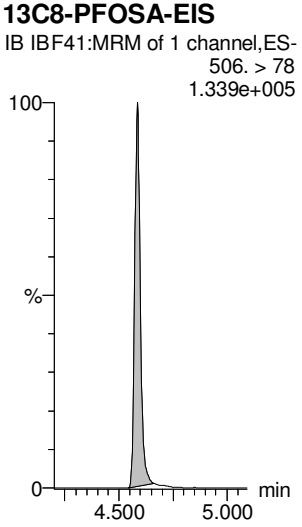

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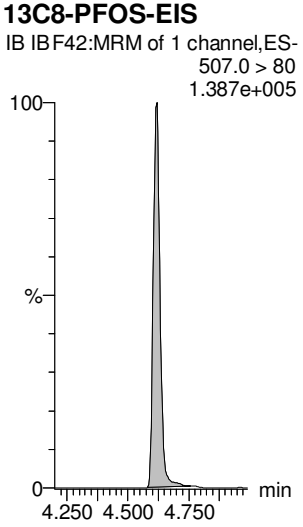

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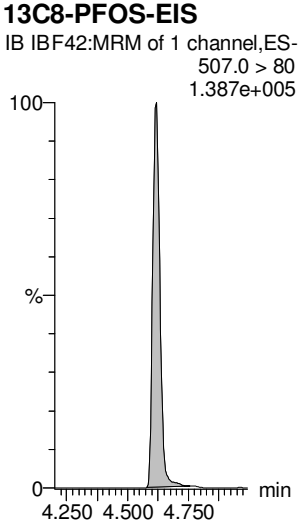

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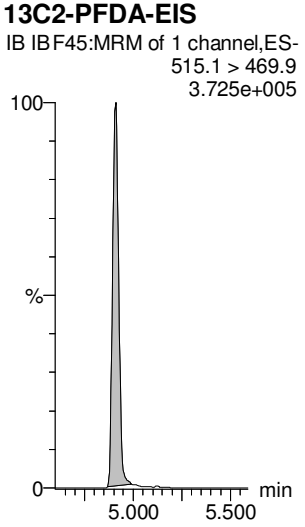
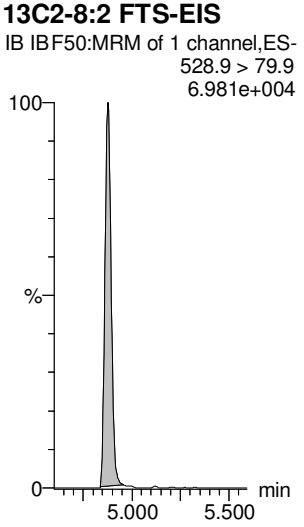


13C2-8:2 FTS-EIS



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Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

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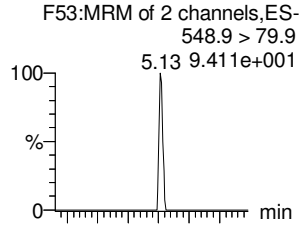

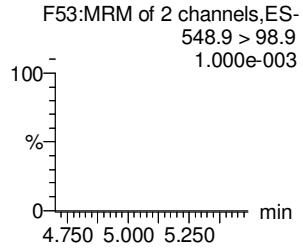

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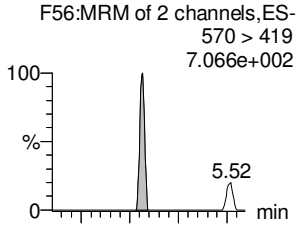

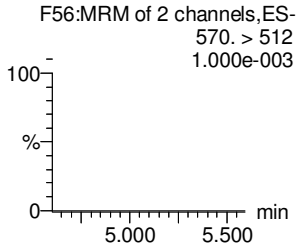

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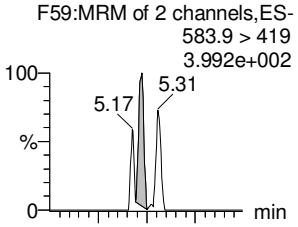

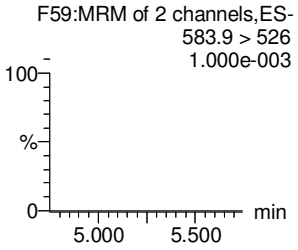

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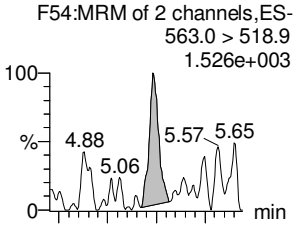

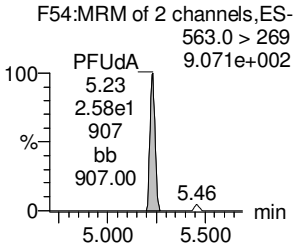

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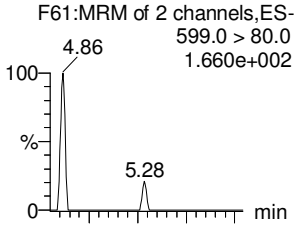
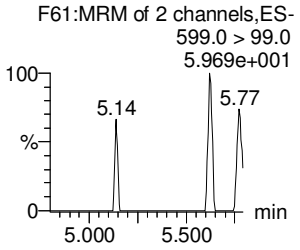
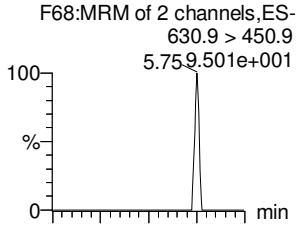
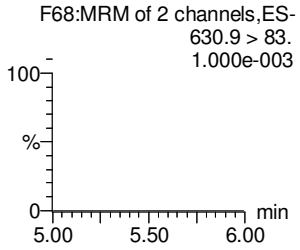


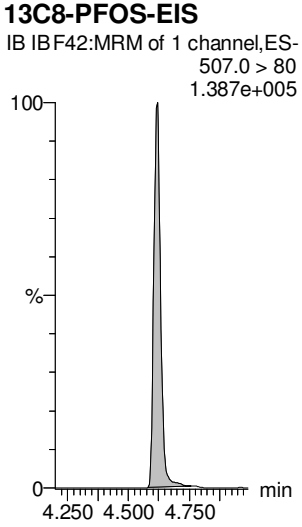


11Cl-PF30UdS

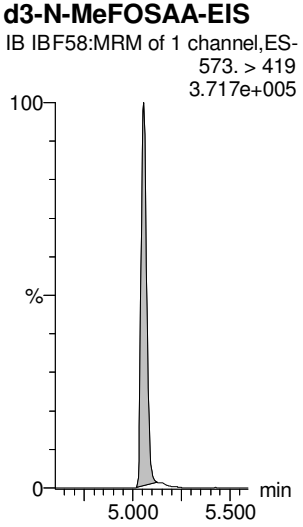




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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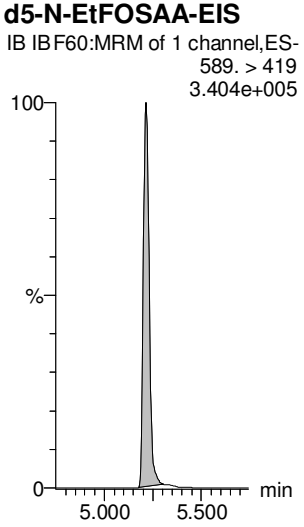

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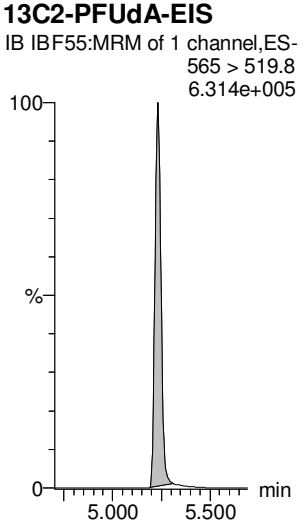

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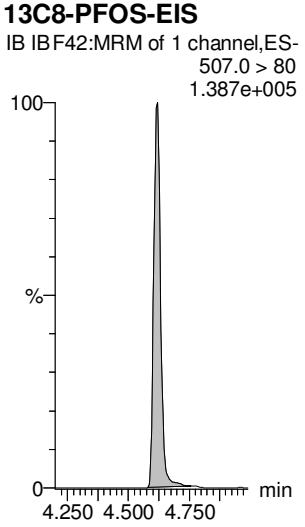
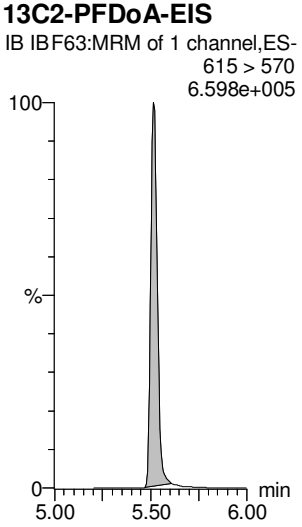


13C2-PFDoA-EIS



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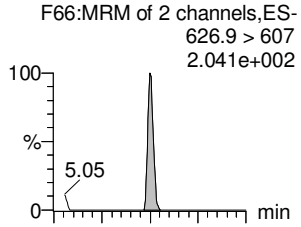
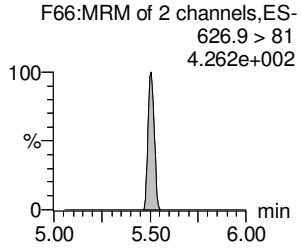
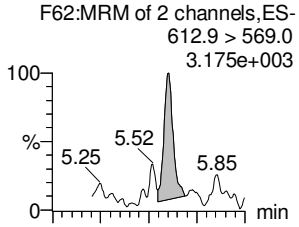
Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

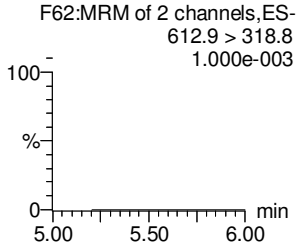
10:2 FTS



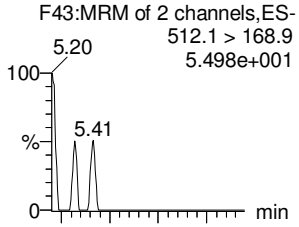


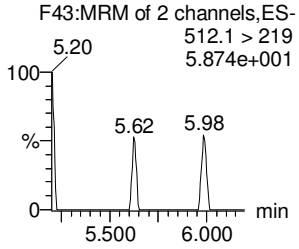
PFDoA





N-MeFOSA





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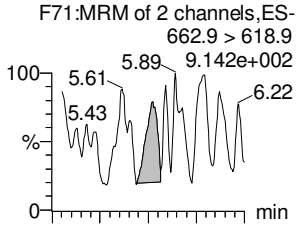

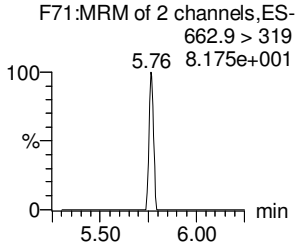

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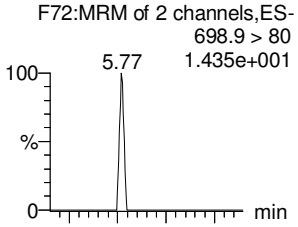

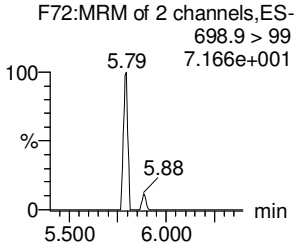

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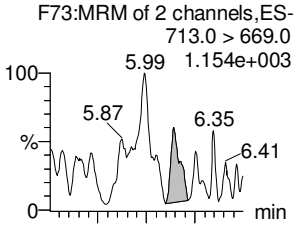
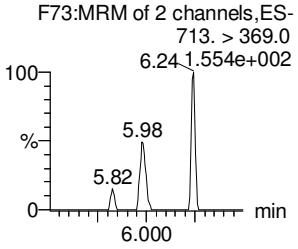
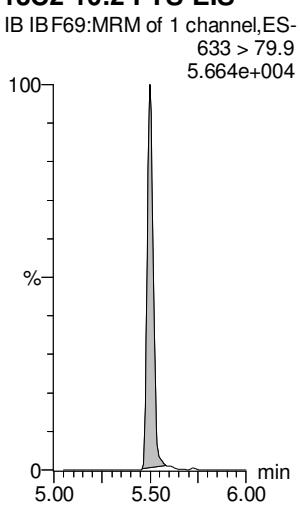
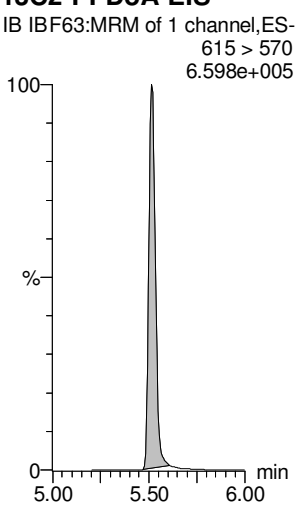




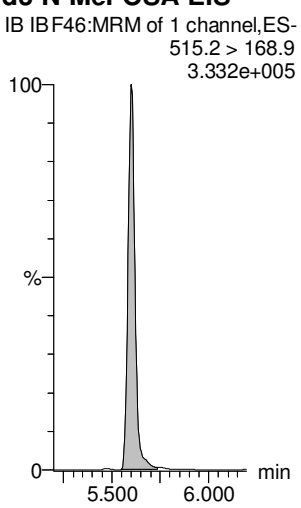
13C2-10:2 FTS-EIS



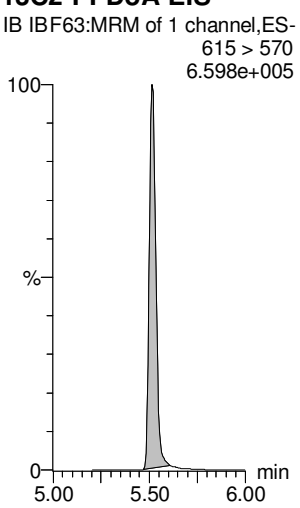
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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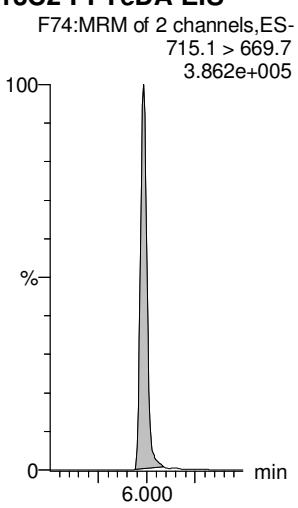

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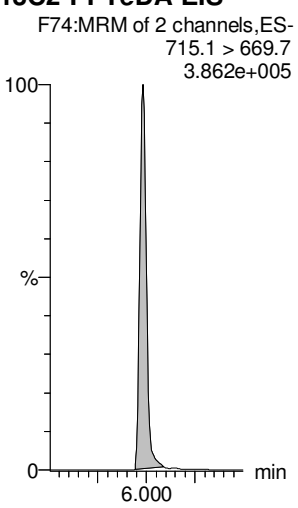

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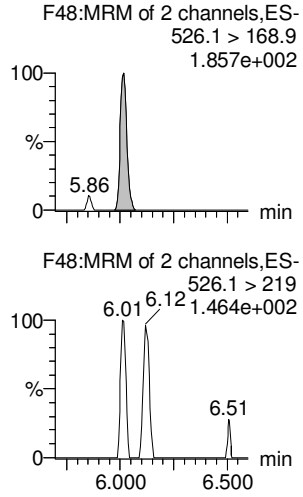
Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

N-EtFOSA



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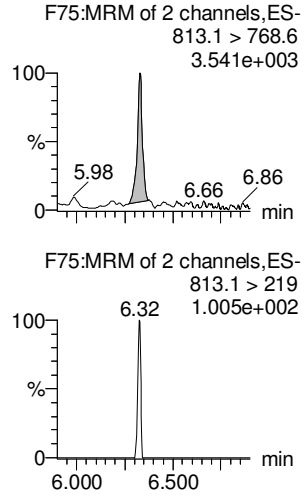

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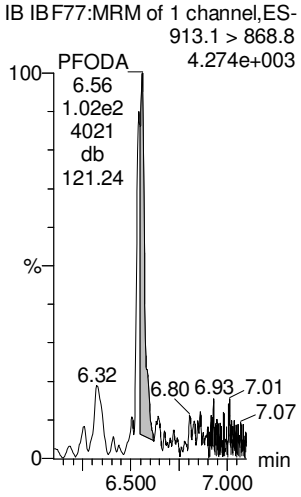
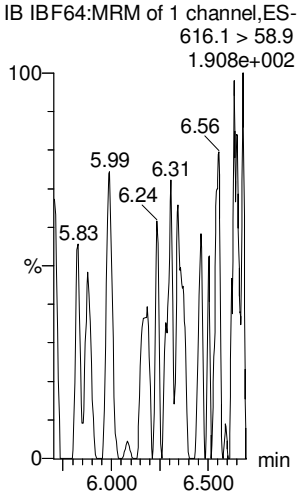
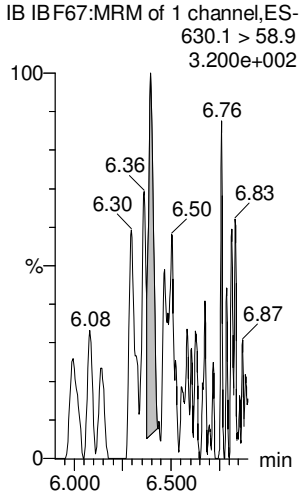


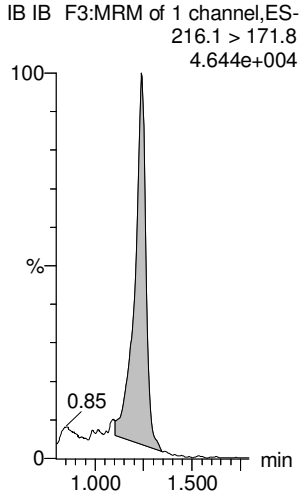
N-MeFOSE



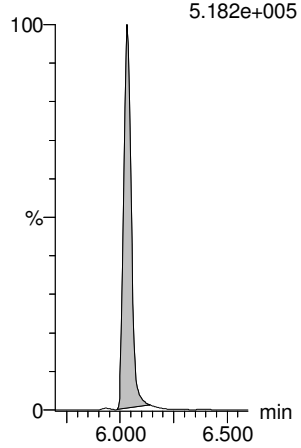
N-EtFOSE



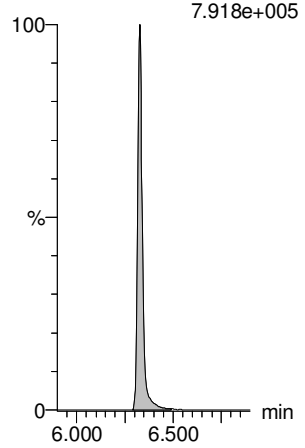
13C3-PFBA-RSD



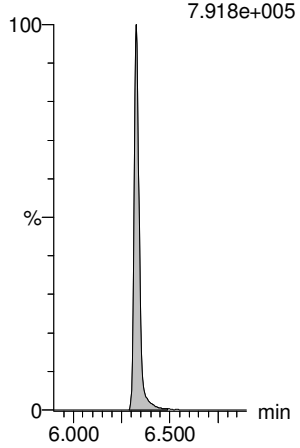
d5-N-ETFOSA-EIS



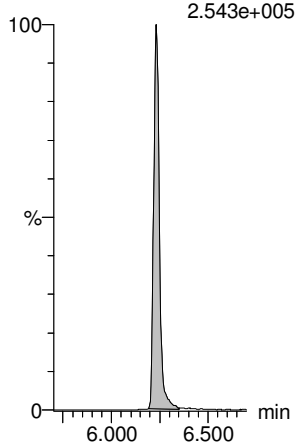
13C2-PFHxDA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



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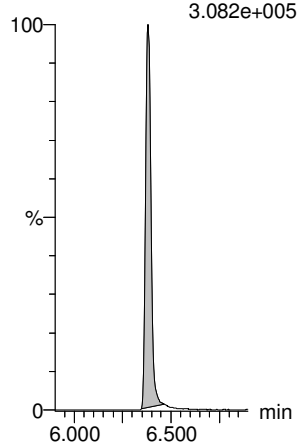

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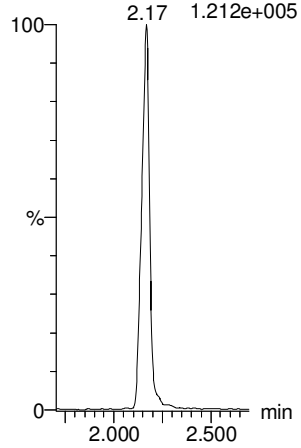

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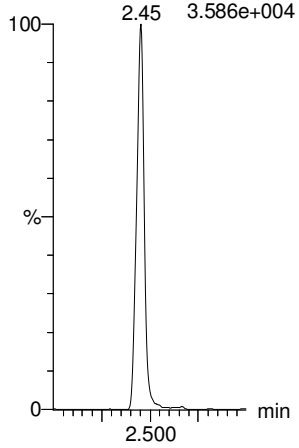
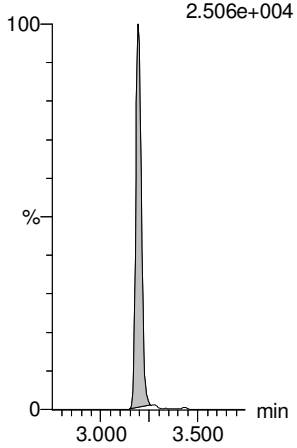
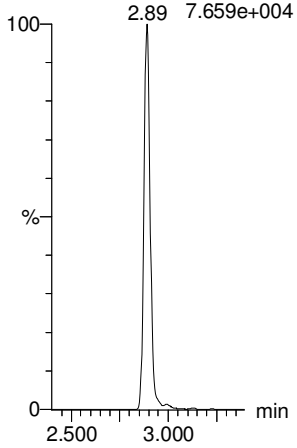
13C3-PFBS-RSD
IB IBF12:MRM of 1 channel,ES-
302.0 > 99
2.45 3.586e+004



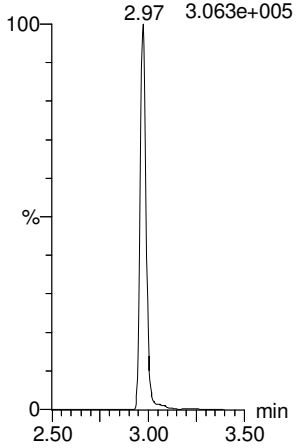
13C3-HFPO-DA-RSD
IB IBF10:MRM of 1 channel,ES-
287.0 > 168.9
2.506e+004



13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
2.89 7.659e+004



13C2-PFHxA-RSD
IB IBF14:MRM of 1 channel,ES-
315.0 > 270.0
2.97 3.063e+005



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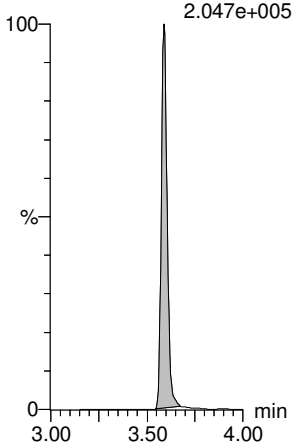
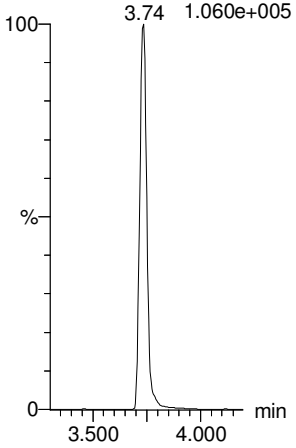
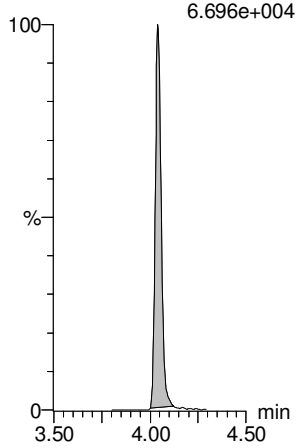
IB IBF21:MRM of 1 channel,ES-
367.2 > 321.8
2.047e+005



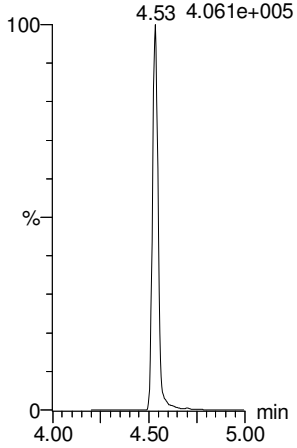
13C3-PFHxS-RSD
IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
3.74 1.060e+005



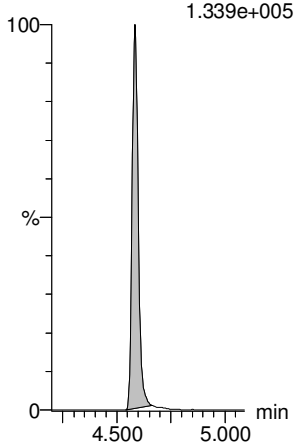
13C2-6:2 FTS-RSD
IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
6.696e+004



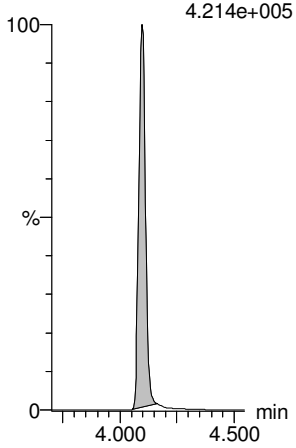
13C5-PFNA-RSD
IB IBF35:MRM of 1 channel,ES-
468.2 > 422.9
4.53 4.061e+005



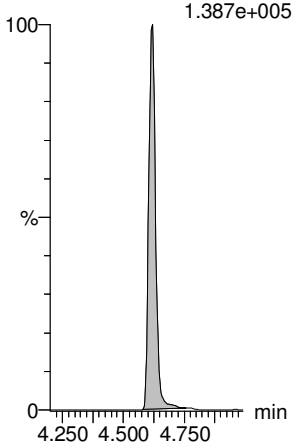
13C8-PFOSA-RSD
IB IBF41:MRM of 1 channel,ES-
506. > 78
1.339e+005



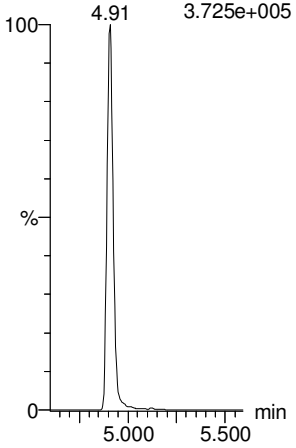
13C2-PFOA-RSD
IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
4.214e+005



13C8-PFOS-RSD
IB IBF42:MRM of 1 channel,ES-
507.0 > 80
1.387e+005



13C2-PFDA-RSD
IB IBF45:MRM of 1 channel,ES-
515.1 > 469.9
4.91 3.725e+005



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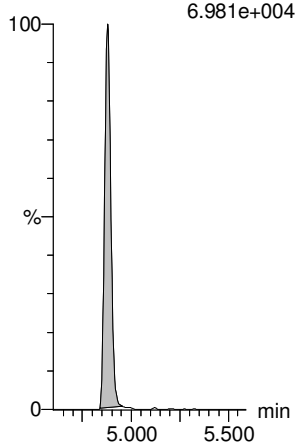
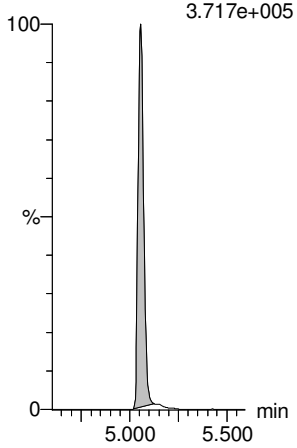
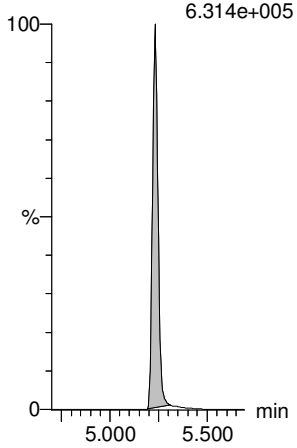
13C2-8:2 FTS-RSD
IB IBF50:MRM of 1 channel,ES-
528.9 > 79.9
6.981e+004



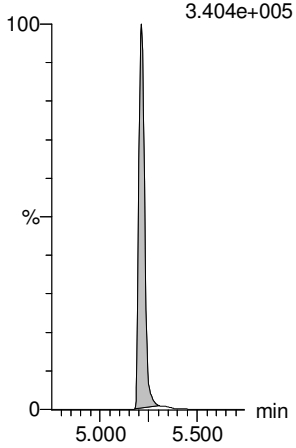
d3-N-MeFOSAA-RSD
IB IBF58:MRM of 1 channel,ES-
573. > 419
3.717e+005



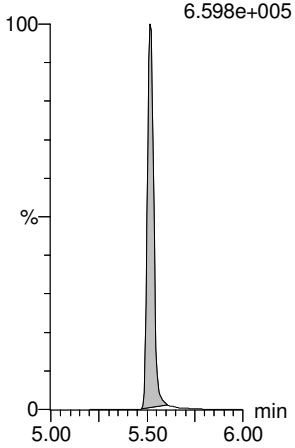
13C2-PFUdA-RSD
IB IBF55:MRM of 1 channel,ES-
565 > 519.8
6.314e+005



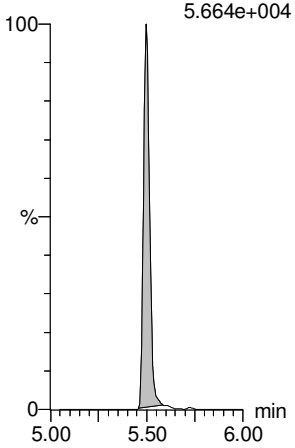
d5-N-EtFOSAA-RSD
IB IBF60:MRM of 1 channel,ES-
589. > 419
3.404e+005



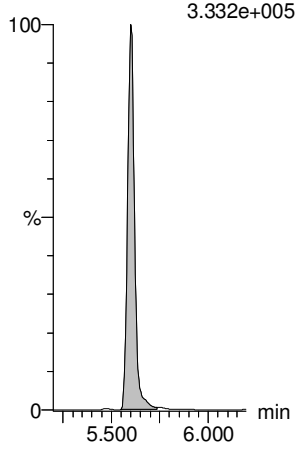
13C2-PFDoA-RSD
IB IBF63:MRM of 1 channel,ES-
615 > 570
6.598e+005



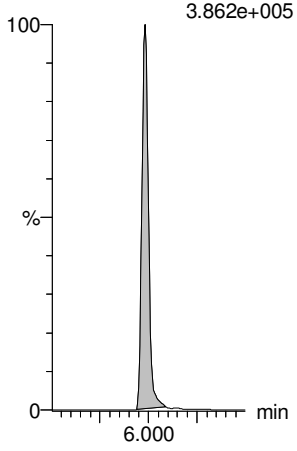
13C2-10:2 FTS-RSD
IB IBF69:MRM of 1 channel,ES-
633 > 79.9
5.664e+004



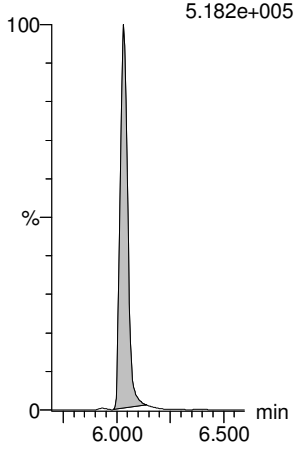
d3-N-MeFOSA-RSD
IB IBF46:MRM of 1 channel,ES-
515.2 > 168.9
3.332e+005



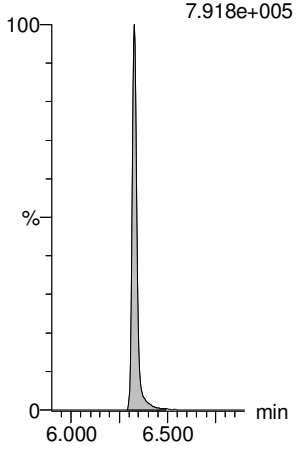
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.862e+005



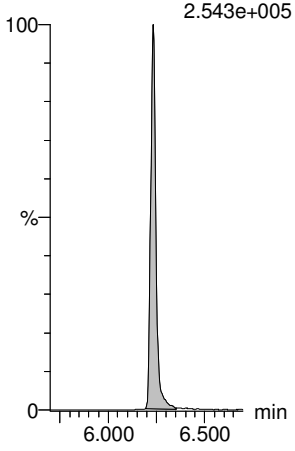
d5-N-ETFOSA-RSD
IB IBF52:MRM of 1 channel,ES-
531.1 > 168.9
5.182e+005



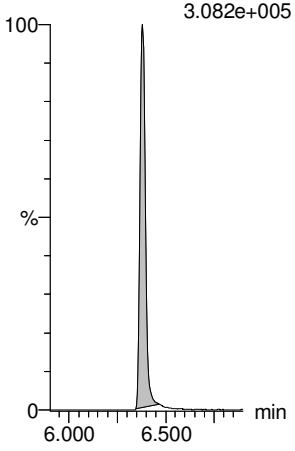
13C2-PFHxDA-RSD
IB IBF76:MRM of 1 channel,ES-
815 > 769.7
7.918e+005



d7-N-MeFOSE-RSD
IB IBF65:MRM of 1 channel,ES-
623.1 > 58.9
2.543e+005



d9-N-EtFOSE-RSD
IB IBF70:MRM of 1 channel,ES-
639.2 > 58.8
3.082e+005



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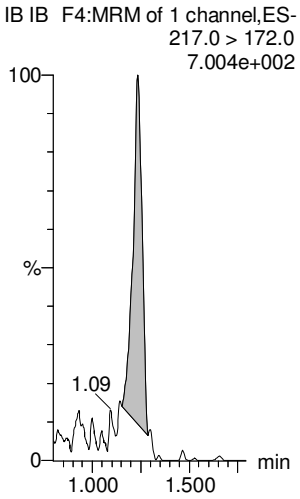
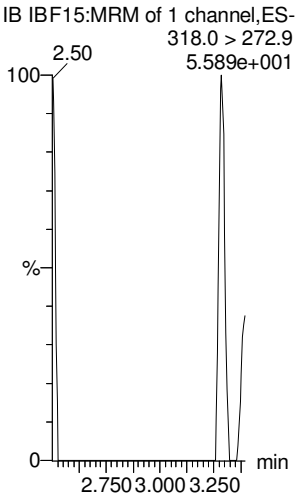
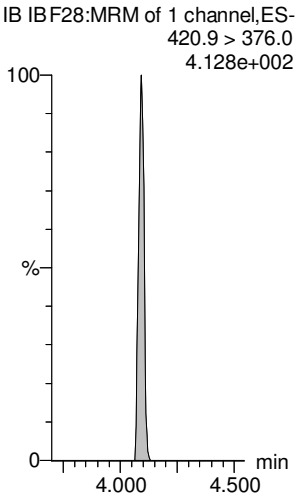
13C4-PFBA



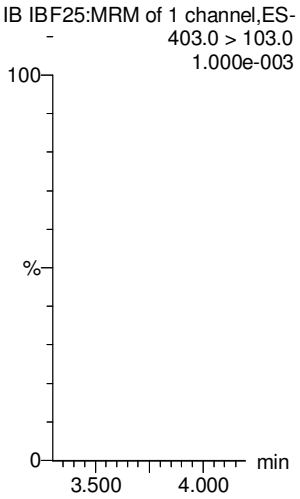
13C5-PFHxA



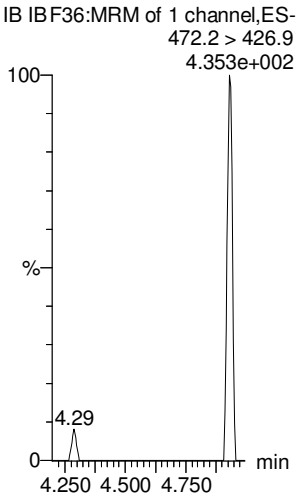
13C8-PFOA



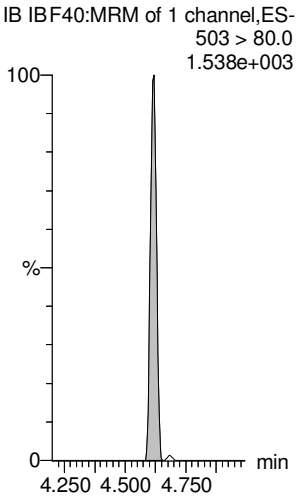
18O2-PFHxS



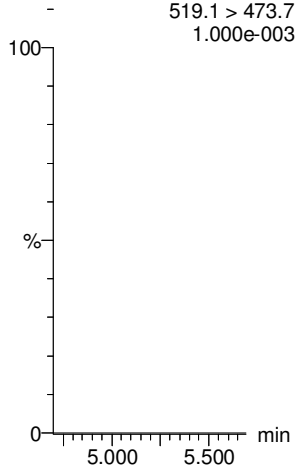
13C9-PFNA



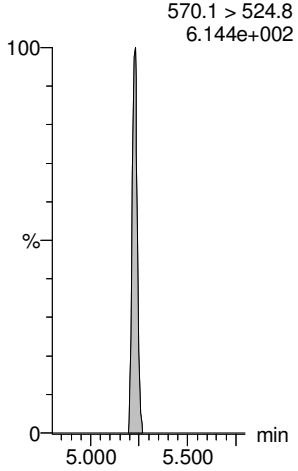
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		3008.032	1.00						NO		
2	2	PFPrS	248.9 > 79.9		1621.267	1.00						NO		
3	3	3:3 FTCA	241.1 > 177.0		5725.474	1.00						NO		
4	4	PFPeA	263.1 > 218.9	9.347	5725.474	1.00	2.13	0.020				NO		
5	5	PFBS	299.0 > 79.7		1621.267	1.00						NO		
6	6	4:2 FTS	327.0 > 306.9		2766.255	1.00						NO		
7	47	13C3-PFBA-EIS	216.1 > 171.8	3008.032		1.00	1.24	3008.032	12.500	14.2	113.8	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1621.267		1.00	2.45	1621.267	12.500	13.6	108.9	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5725.474		1.00	2.17	5725.474	12.500	13.3	106.4	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5725.474		1.00	2.17	5725.474	12.500	13.3	106.4	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1621.267		1.00	2.45	1621.267	12.500	13.6	108.9	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2766.255		1.00	2.89	2766.255	12.500	13.2	105.9	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	56.499	10620.225	1.00	2.73	0.066		0.119		NO		
15	8	PFPeS	349.0 > 80.0		1621.267	1.00						NO		
16	9	HFPO-DA	285.1 > 168.9		856.028	1.00						NO		
17	10	5:3 FTCA	340.9 > 236.9		6982.490	1.00						NO		
18	11	PFHpA	363.0 > 318.9	29.789	6982.490	1.00	3.74	0.053		0.0388		NO		
19	12	ADONA	376.8 > 250.9	8.775	6982.490	1.00	3.62	0.016				NO		
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10620.225		1.00	2.97	10620.225	12.500	13.1	104.8	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1621.267		1.00	2.45	1621.267	12.500	13.6	108.9	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	856.028		1.00	3.19	856.028	12.500	13.3	106.8	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	6982.490		1.00	3.59	6982.490	12.500	13.0	103.7	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	6982.490		1.00	3.59	6982.490	12.500	13.0	103.7	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	6982.490		1.00	3.59	6982.490	12.500	13.0	103.7	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0		3831.314	1.00						NO		
28	15	6:2 FTS	427 > 407.0		2445.103	1.00						NO		
29	16	L-PFOA	412.8 > 368.9	28.884	14132.805	1.00	4.09	0.026				NO		
30	18	PFecHS	460.8 > 381.0	11.077	14132.805	1.00	3.99	0.010		0.0635		NO	2.028	YES
31	19	PFHpS	448.9 > 80.0		4625.400	1.00						NO		
32	20	7:3 FTCA	441.0 > 337.0		13451.671	1.00						NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3831.314		1.00	3.74	3831.314	12.500	12.9	103.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2445.103		1.00	4.04	2445.103	12.500	12.9	103.3	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	14132.805		1.00	4.10	14132.805	12.500	13.4	107.5	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	14132.805		1.00	4.10	14132.805	12.500	13.4	107.5	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	4625.400		1.00	4.62	4625.400	12.500	14.3	114.4	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	13451.671		1.00	4.53	13451.671	12.500	13.1	105.1	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	12.709	13451.671	1.00	4.34	0.012		0.0559		NO		
41	22	PFOSA	498.0 > 78.0		4274.886	1.00						NO		
42	23	L-PFOS	499 > 80	5.539	4625.400	1.00	4.61	0.015				NO		
43	25	9Cl-PF30NS	531 > 351.0	5.209	4625.400	1.00	4.82	0.014		0.0112		NO	0.079	YES
44	26	PFDA	513 > 468.8	32.832	13291.081	1.00	4.77	0.031		0.0391		NO		
45	27	8:2 FTS	526.9 > 507.0		2502.501	1.00						NO		
46	65	13C5-PFNA-EIS	468.2 > 422.9	13451.671		1.00	4.53	13451.671	12.500	13.1	105.1	NO		
47	67	13C8-PFOSA-EIS	506. > 78	4274.886		1.00	4.58	4274.886	12.500	13.1	104.4	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	4625.400		1.00	4.62	4625.400	12.500	14.3	114.4	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	4625.400		1.00	4.62	4625.400	12.500	14.3	114.4	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	13291.081		1.00	4.91	13291.081	12.500	13.1	104.7	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	2502.501		1.00	4.88	2502.501	12.500	11.7	93.8	NO		
52	-1													
53	28	PFNS	548.9 > 79.9		4625.400	1.00						NO		
54	29	L-MeFOSAA	570 > 419	19.669	12301.979	1.00	5.07	0.020		0.0863		NO		
55	31	L-EtFOSAA	583.9 > 419	11.216	11429.868	1.00	5.22	0.012		0.117		NO		
56	33	PFUdA	563.0 > 518.9	80.650	21420.186	1.00	5.23	0.047				NO	3.125	YES
57	34	PFDS	599.0 > 80.0		4625.400	1.00						NO		
58	35	11Cl-PF30UdS	630.9 > 450.9		25517.168	1.00						NO		
59	71	13C8-PFOS-EIS	507.0 > 80	4625.400		1.00	4.62	4625.400	12.500	14.3	114.4	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	12301.979		1.00	5.06	12301.979	12.500	12.8	102.6	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	11429.868		1.00	5.22	11429.868	12.500	13.7	109.7	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	21420.186		1.00	5.23	21420.186	12.500	14.0	112.3	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	4625.400		1.00	4.62	4625.400	12.500	14.3	114.4	NO		
64	83	13C2-PFDoA-EIS	615 > 570	25517.168		1.00	5.51	25517.168	12.500	13.2	105.4	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	6.686	2023.109	1.00	5.50	0.041				NO	0.422	YES
67	37	PFDoA	612.9 > 569.0	161.576	25517.168	1.00	5.60	0.079		0.0793		NO		
68	38	N-MeFOSA	512.1 > 168.9		13542.782	1.00						NO		
69	39	PFTrDA	662.9 > 618.9	36.215	25517.168	1.00	5.77	0.018		0.00745		NO		
70	40	PFDoS	698.9 > 80		14809.664	1.00						NO		
71	41	PFTeDA	713.0 > 669.0	35.549	14809.664	1.00	6.14	0.030		0.0007...		NO		
72	85	13C2-10:2 FTS-EIS	633 > 79.9	2023.109		1.00	5.50	2023.109	12.500	12.9	103.2	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	615 > 570	25517.168		1.00	5.51	25517.168	12.500	13.2	105.4	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	13542.782		1.00	5.60	13542.782	149.200	151	101.5	NO		
75	83	13C2-PFDoA-EIS	615 > 570	25517.168		1.00	5.51	25517.168	12.500	13.2	105.4	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	14809.664		1.00	5.98	14809.664	12.500	12.0	96.3	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	14809.664		1.00	5.98	14809.664	12.500	12.0	96.3	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	6.721	20828.621	1.00	6.02	0.048		0.0828		NO		
80	43	PFHxDA	813.1 > 768.6	111.480	24231.338	1.00	6.33	0.058				NO		
81	44	PFODA	913.1 > 868.8	102.203	24231.338	1.00	6.56	0.053		0.0487		NO		
82	45	N-MeFOSE	616.1 > 58.9		8539.120	1.00						NO		
83	46	N-EtFOSE	630.1 > 58.9	9.011	9472.736	1.00	6.39	0.142				NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3008.032	33.537	1.00	1.24	1121.162	12.500	1730	13817.3	YES		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	20828.621		1.00	6.03	20828.621	149.200	143	96.1	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	24231.338		1.00	6.33	24231.338	12.500	13.2	105.7	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	24231.338		1.00	6.33	24231.338	12.500	13.2	105.7	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	8539.120		1.00	6.23	8539.120	149.200	149	99.6	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9472.736		1.00	6.38	9472.736	149.200	141	94.2	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	856.028		1.00	3.19		12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	6982.490		1.00	3.59		12.500			NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	2445.103	43.584	1.00	4.04	701.262	12.500	1350	10834.0	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506. > 78	4274.886	19.945	1.00	4.58	2679.171	12.500	15200	12134...	YES		
101	70	13C2-PFOA-RSD	414.9 > 369.7	14132.805	11.188	1.00	4.10	15790.138	12.500	24300	19471...	YES		
102	72	13C8-PFOS-RSD	507.0 > 80	4625.400	43.584	1.00	4.62	1326.576	12.500	1370	10995.6	YES		
103	74	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	528.9 > 79.9	2502.501	43.584	1.00	4.88	717.724	12.500	1200	9571.5	YES		
106	78	d3-N-MeFOSAA-RSD	573. > 419	12301.979	19.945	1.00	5.06	7709.939	12.500	15700	12578...	YES		
107	80	13C2-PFUdA-RSD	565 > 519.8	21420.186	19.945	1.00	5.23	13424.534	12.500	15900	12710...	YES		
108	82	d5-N-EtFOSAA-RSD	589. > 419	11429.868	19.945	1.00	5.22	7163.367	12.500	16400	13155...	YES		

Dataset: Untitled

Last Altered: Wednesday, June 24, 2020 11:14:59 Pacific Daylight Time
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Name: 200623M1_14, Date: 23-Jun-2020, Time: 14:18:36, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	615 > 570	25517.168		1.00	5.51		12.500			NO		
110	86	13C2-10:2 FTS-RSD	633 > 79.9	2023.109	43.584	1.00	5.50	580.233	12.500	1280	10255.8	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	13542.782	19.945	1.00	5.60	8487.580	149.200	171000	11481...	YES		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	14809.664	19.945	1.00	5.98	9281.564	12.500	15000	12028...	YES		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	20828.621	19.945	1.00	6.03	13053.786	149.200	167000	11222...	YES		
114	94	13C2-PFHxDA-RSD	815 > 769.7	24231.338	19.945	1.00	6.33	15186.349	12.500	15600	12477...	YES		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	8539.120	19.945	1.00	6.23	5351.667	149.200	165000	11072...	YES		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	9472.736	19.945	1.00	6.38	5936.786	149.200	163000	10926...	YES		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	33.537	33.537	1.00	1.24	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0	11.188	11.188	1.00	4.09	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 80.0	43.584	43.584	1.00	4.62	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8	19.945	19.945	1.00	5.23	12.500	12.500	12.5	100.0	NO		

low pt
PFOSA = 0.5
3:3FTCA ↓

high pt
3:3FTCA = 100
5:3FTCA
7:3FTCA ↓

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

✓ FR 07/06/2020

Compound name: PFBA
Coefficient of Determination: R^2 = 0.998384
Calibration curve: 3.25218e-006 * x^2 + 1.5063 * x + -0.00181738
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

AM 7/5/2020

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	1.46	63.494	2959.174	0.268	0.2	-28.3	NO	0.998	NO	MM
2	2 200702M1_4	Standard	0.500	1.47	195.534	2959.601	0.826	0.5	9.9	NO	0.998	NO	MM
3	3 200702M1_5	Standard	1.000	1.47	364.362	3003.049	1.517	1.0	0.8	NO	0.998	NO	db
4	4 200702M1_6	Standard	2.000	1.46	793.606	3026.848	3.277	2.2	8.8	NO	0.998	NO	MM
5	5 200702M1_7	Standard	5.000	1.46	1876.950	3149.640	7.449	4.9	-1.1	NO	0.998	NO	MM
6	6 200702M1_8	Standard	10.000	1.46	3719.411	3002.468	15.485	10.3	2.8	NO	0.998	NO	MM
7	7 200702M1_9	Standard	50.000	1.44	18831.561	2958.268	79.572	52.8	5.6	NO	0.998	NO	MM
8	8 200702M1_10	Standard	100.000	1.44	37758.492	2966.248	159.117	105.6	5.6	NO	0.998	NO	MM
9	9 200702M1_11	Standard	250.000	1.45	93312.758	3290.895	354.435	235.2	-5.9	NO	0.998	NO	MM
10	10 200702M1_12	Standard	500.000	1.44	178080.266	2917.405	763.008	506.0	1.2	NO	0.998	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999568
Calibration curve: 0.000260516 * x^2 + 1.89173 * x + -0.000480767
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	1.78	48.470	1376.229	0.440	0.2	-6.8	NO	1.000	NO	MM
2	2 200702M1_4	Standard	0.500	1.81	88.331	1322.620	0.835	0.4	-11.7	NO	1.000	NO	MM
3	3 200702M1_5	Standard	1.000	1.81	209.092	1344.199	1.944	1.0	2.8	NO	1.000	NO	MM
4	4 200702M1_6	Standard	2.000	1.80	445.530	1356.132	4.107	2.2	8.5	NO	1.000	NO	MM
5	5 200702M1_7	Standard	5.000	1.81	1063.716	1341.289	9.913	5.2	4.7	NO	1.000	NO	MM
6	6 200702M1_8	Standard	10.000	1.80	2047.493	1368.827	18.698	9.9	-1.3	NO	1.000	NO	MM
7	7 200702M1_9	Standard	50.000	1.79	10124.485	1237.436	102.273	53.7	7.3	NO	1.000	NO	MM
8	8 200702M1_10	Standard	100.000	1.78	19747.623	1327.304	185.975	97.0	-3.0	NO	1.000	NO	MM
9	9 200702M1_11	Standard	250.000	1.79	49656.320	1279.891	484.966	247.9	-0.8	NO	1.000	NO	MM
10	10 200702M1_12	Standard	500.000	1.78	88735.195	1094.334	1013.575	501.2	0.2	NO	1.000	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998617
Calibration curve: -7.35937e-005 * x^2 + 0.0856151 * x + -0.0338451
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	2.29	5.307	5096.180	0.013	0.5	119.0	YES	0.999	NO	bbX
2	2	200702M1_4	Standard	0.500	2.28	6.464	5007.018	0.016	0.6	16.8	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	2.28	21.969	5081.892	0.054	1.0	2.7	NO	0.999	NO	bb
4	4	200702M1_6	Standard	2.000	2.29	52.949	5432.627	0.122	1.8	-8.9	NO	0.999	NO	bb
5	5	200702M1_7	Standard	5.000	2.29	156.915	5416.802	0.362	4.6	-7.1	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	2.29	307.090	5062.806	0.758	9.3	-6.7	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	2.27	1740.858	5140.041	4.234	52.2	4.4	NO	0.999	NO	bd
8	8	200702M1_10	Standard	100.000	2.27	3062.708	4963.011	7.714	98.9	-1.1	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	2.27	2029.150	5265.747	4.817	59.7	-76.1	YES	0.999	NO	bbX
10	10	200702M1_12	Standard	500.000	2.27	3158.519	4470.588	8.831	114.9	-77.0	YES	0.999	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999998
Calibration curve: -6.39965e-005 * x^2 + 0.948513 * x + 0.000348588
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	2.43	97.488	5096.180	0.239	0.3	0.7	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	2.44	188.487	5007.018	0.471	0.5	-0.9	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	2.44	393.194	5081.892	0.967	1.0	1.9	NO	1.000	NO	bd
4	4	200702M1_6	Standard	2.000	2.44	805.799	5432.627	1.854	2.0	-2.3	NO	1.000	NO	bb
5	5	200702M1_7	Standard	5.000	2.44	2069.738	5416.802	4.776	5.0	0.7	NO	1.000	NO	bb
6	6	200702M1_8	Standard	10.000	2.43	3834.796	5062.806	9.468	10.0	-0.1	NO	1.000	NO	bb
7	7	200702M1_9	Standard	50.000	2.42	19430.803	5140.041	47.254	50.0	-0.0	NO	1.000	NO	bb
8	8	200702M1_10	Standard	100.000	2.41	37432.941	4963.011	94.280	100.1	0.1	NO	1.000	NO	bb
9	9	200702M1_11	Standard	250.000	2.42	98173.953	5265.747	233.048	249.9	-0.0	NO	1.000	NO	bb
10	10	200702M1_12	Standard	500.000	2.41	163904.375	4470.588	458.285	500.0	0.0	NO	1.000	NO	bb

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999699
Calibration curve: -0.000162778 * x^2 + 1.9977 * x + -0.0566364
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	2.71	41.893	1376.229	0.381	0.2	-12.5	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	2.73	103.352	1322.620	0.977	0.5	3.5	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	2.72	190.164	1344.199	1.768	0.9	-8.6	NO	1.000	NO	bb
4	4	200702M1_6	Standard	2.000	2.72	424.165	1356.132	3.910	2.0	-0.7	NO	1.000	NO	bb
5	5	200702M1_7	Standard	5.000	2.72	1131.352	1341.289	10.544	5.3	6.2	NO	1.000	NO	MM
6	6	200702M1_8	Standard	10.000	2.72	2153.461	1368.827	19.665	9.9	-1.2	NO	1.000	NO	MM
7	7	200702M1_9	Standard	50.000	2.70	10335.266	1237.436	104.402	52.5	5.0	NO	1.000	NO	bb
8	8	200702M1_10	Standard	100.000	2.70	20369.189	1327.304	191.829	96.8	-3.2	NO	1.000	NO	MM
9	9	200702M1_11	Standard	250.000	2.71	50166.051	1279.891	489.945	250.4	0.2	NO	1.000	NO	bb
10	10	200702M1_12	Standard	500.000	2.70	83911.281	1094.334	958.474	500.2	0.0	NO	1.000	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999557
Calibration curve: -0.000481144 * x^2 + 2.74129 * x + 0.0453934
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	3.16	130.206	2306.475	0.706	0.2	-3.7	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	3.17	241.464	2310.265	1.306	0.5	-8.0	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	3.16	506.441	2290.981	2.763	1.0	-0.8	NO	1.000	NO	MM
4	4	200702M1_6	Standard	2.000	3.16	1078.564	2252.337	5.986	2.2	8.4	NO	1.000	NO	bb
5	5	200702M1_7	Standard	5.000	3.16	2741.671	2375.913	14.424	5.3	5.0	NO	1.000	NO	bb
6	6	200702M1_8	Standard	10.000	3.16	4935.323	2166.431	28.476	10.4	3.9	NO	1.000	NO	MM
7	7	200702M1_9	Standard	50.000	3.15	22855.846	2075.344	137.663	50.7	1.3	NO	1.000	NO	bb
8	8	200702M1_10	Standard	100.000	3.15	44473.914	2006.291	277.090	102.9	2.9	NO	1.000	NO	bb
9	9	200702M1_11	Standard	250.000	3.15	97508.125	1917.261	635.725	242.2	-3.1	NO	1.000	NO	bb
10	10	200702M1_12	Standard	500.000	3.15	157558.594	1565.021	1258.438	503.6	0.7	NO	1.000	NO	bb

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Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999304
Calibration curve: -9.68632e-005 * x^2 + 1.17438 * x + -0.0106547
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	3.25	220.816	8947.024	0.309	0.3	8.7	NO	0.999	NO	MM
2	2	200702M1_4	Standard	0.500	3.25	342.424	9137.685	0.468	0.4	-18.4	NO	0.999	NO	MM
3	3	200702M1_5	Standard	1.000	3.25	769.644	9101.850	1.057	0.9	-9.1	NO	0.999	NO	MM
4	4	200702M1_6	Standard	2.000	3.25	2000.141	9216.087	2.713	2.3	16.0	NO	0.999	NO	MM
5	5	200702M1_7	Standard	5.000	3.25	4497.001	9644.680	5.828	5.0	-0.5	NO	0.999	NO	MM
6	6	200702M1_8	Standard	10.000	3.25	8537.688	9221.435	11.573	9.9	-1.3	NO	0.999	NO	MM
7	7	200702M1_9	Standard	50.000	3.24	43173.641	8837.119	61.069	52.2	4.5	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	3.24	82171.320	8564.947	119.924	103.0	3.0	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	3.24	202363.984	9122.570	277.285	240.9	-3.6	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	3.24	337429.219	7437.181	567.132	503.9	0.8	NO	0.999	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999231
Calibration curve: -0.000751557 * x^2 + 2.34131 * x + -0.21589
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	3.45	48.553	1376.229	0.441	0.3	12.2	NO	0.999	NO	bb
2	2	200702M1_4	Standard	0.500	3.44	84.690	1322.620	0.800	0.4	-13.2	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	3.44	215.744	1344.199	2.006	0.9	-5.1	NO	0.999	NO	bb
4	4	200702M1_6	Standard	2.000	3.44	497.039	1356.132	4.581	2.1	2.5	NO	0.999	NO	MM
5	5	200702M1_7	Standard	5.000	3.44	1321.017	1341.289	12.311	5.4	7.2	NO	0.999	NO	MM
6	6	200702M1_8	Standard	10.000	3.44	2374.177	1368.827	21.681	9.4	-6.2	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	3.43	12126.258	1237.436	122.494	53.3	6.6	NO	0.999	NO	MM
8	8	200702M1_10	Standard	100.000	3.43	22833.512	1327.304	215.037	94.8	-5.2	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	3.42	55712.199	1279.891	544.111	253.0	1.2	NO	0.999	NO	MM
10	10	200702M1_12	Standard	500.000	3.43	85892.727	1094.334	981.107	499.1	-0.2	NO	0.999	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997352
Calibration curve: -0.000187498 * x^2 + 0.921408 * x + -0.0219643
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	3.47	11.831	819.541	0.180	0.2	-12.1	NO	0.997	NO	bb
2	2	200702M1_4	Standard	0.500	3.47	24.545	773.177	0.397	0.5	-9.1	NO	0.997	NO	bb
3	3	200702M1_5	Standard	1.000	3.46	53.895	823.025	0.819	0.9	-8.8	NO	0.997	NO	bb
4	4	200702M1_6	Standard	2.000	3.46	148.458	858.391	2.162	2.4	18.6	NO	0.997	NO	bb
5	5	200702M1_7	Standard	5.000	3.47	313.198	870.475	4.498	4.9	-1.8	NO	0.997	NO	bb
6	6	200702M1_8	Standard	10.000	3.46	607.309	827.794	9.171	10.0	-0.0	NO	0.997	NO	bb
7	7	200702M1_9	Standard	50.000	3.45	2751.484	765.877	44.907	49.3	-1.5	NO	0.997	NO	bb
8	8	200702M1_10	Standard	100.000	3.45	5787.508	726.852	99.530	110.5	10.5	NO	0.997	NO	bb
9	9	200702M1_11	Standard	250.000	3.44	13065.448	797.637	204.752	233.3	-6.7	NO	0.997	NO	bb
10	10	200702M1_12	Standard	500.000	3.45	21473.934	640.712	418.947	507.0	1.4	NO	0.997	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999732
Calibration curve: 8.81156e-005 * x^2 + 0.410454 * x + -0.0120257
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	3.79	39.600	5380.783	0.092	0.3	1.4	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	3.80	79.176	5418.931	0.183	0.5	-5.2	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	3.79	174.268	5269.454	0.413	1.0	3.6	NO	1.000	NO	bb
4	4	200702M1_6	Standard	2.000	3.79	326.919	5549.514	0.736	1.8	-8.9	NO	1.000	NO	bb
5	5	200702M1_7	Standard	5.000	3.80	852.652	5515.142	1.933	4.7	-5.3	NO	1.000	NO	bb
6	6	200702M1_8	Standard	10.000	3.79	1639.905	4901.322	4.182	10.2	2.0	NO	1.000	NO	bb
7	7	200702M1_9	Standard	50.000	3.78	9048.495	5405.141	20.926	50.5	0.9	NO	1.000	NO	bb
8	8	200702M1_10	Standard	100.000	3.78	16408.766	4905.062	41.816	99.8	-0.2	NO	1.000	NO	bb
9	9	200702M1_11	Standard	250.000	3.78	10136.536	4965.379	25.518	61.4	-75.4	YES	1.000	NO	bbX
10	10	200702M1_12	Standard	500.000	3.78	16431.074	4329.066	47.444	112.9	-77.4	YES	1.000	NO	bbX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999611
Calibration curve: -0.000141226 * x^2 + 1.23695 * x + 0.114395
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	3.85	157.496	5380.783	0.366	0.2	-18.7	NO	1.000	NO	bb
2	2 200702M1_4	Standard	0.500	3.86	313.855	5418.931	0.724	0.5	-1.4	NO	1.000	NO	MM
3	3 200702M1_5	Standard	1.000	3.86	597.516	5269.454	1.417	1.1	5.4	NO	1.000	NO	MM
4	4 200702M1_6	Standard	2.000	3.86	1134.691	5549.514	2.556	2.0	-1.3	NO	1.000	NO	bb
5	5 200702M1_7	Standard	5.000	3.86	2987.885	5515.142	6.772	5.4	7.7	NO	1.000	NO	MM
6	6 200702M1_8	Standard	10.000	3.86	5377.617	4901.322	13.715	11.0	10.1	NO	1.000	NO	bb
7	7 200702M1_9	Standard	50.000	3.84	25847.400	5405.141	59.775	48.5	-3.0	NO	1.000	NO	bb
8	8 200702M1_10	Standard	100.000	3.84	49265.051	4905.062	125.546	102.6	2.6	NO	1.000	NO	bb
9	9 200702M1_11	Standard	250.000	3.84	117369.492	4965.379	295.470	245.7	-1.7	NO	1.000	NO	bb
10	10 200702M1_12	Standard	500.000	3.84	202716.656	4329.066	585.336	501.9	0.4	NO	1.000	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999729
Calibration curve: -0.000632717 * x^2 + 5.69932 * x + 0.00273704
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	3.96	581.626	5380.783	1.351	0.2	-5.4	NO	1.000	NO	bb
2	2 200702M1_4	Standard	0.500	3.96	1273.027	5418.931	2.937	0.5	3.0	NO	1.000	NO	bb
3	3 200702M1_5	Standard	1.000	3.96	2314.150	5269.454	5.490	1.0	-3.7	NO	1.000	NO	bb
4	4 200702M1_6	Standard	2.000	3.96	5023.463	5549.514	11.315	2.0	-0.7	NO	1.000	NO	bb
5	5 200702M1_7	Standard	5.000	3.96	13022.378	5515.142	29.515	5.2	3.6	NO	1.000	NO	MM
6	6 200702M1_8	Standard	10.000	3.96	23760.449	4901.322	60.597	10.6	6.4	NO	1.000	NO	bb
7	7 200702M1_9	Standard	50.000	3.96	116166.234	5405.141	268.648	47.4	-5.2	NO	1.000	NO	bb
8	8 200702M1_10	Standard	100.000	3.95	225760.516	4905.062	575.325	102.1	2.1	NO	1.000	NO	bb
9	9 200702M1_11	Standard	250.000	3.95	549933.250	4965.379	1384.419	249.8	-0.1	NO	1.000	NO	bb
10	10 200702M1_12	Standard	500.000	3.95	931949.063	4329.066	2690.965	499.9	-0.0	NO	1.000	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999868
Calibration curve: 0.000155661 * x^2 + 0.97893 * x + -0.0242626
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	4.00	42.221	2962.714	0.178	0.2	-17.3	NO	1.000	NO	MM
2	2 200702M1_4	Standard	0.500	4.00	148.466	3059.312	0.607	0.6	28.9	NO	1.000	NO	MM
3	3 200702M1_5	Standard	1.000	4.00	228.590	3493.333	0.818	0.9	-14.0	NO	1.000	NO	MM
4	4 200702M1_6	Standard	2.000	4.00	494.339	3276.635	1.886	2.0	-2.5	NO	1.000	NO	MM
5	5 200702M1_7	Standard	5.000	4.00	1316.681	3386.875	4.859	5.0	-0.3	NO	1.000	NO	MM
6	6 200702M1_8	Standard	10.000	4.00	2630.365	3235.438	10.162	10.4	3.9	NO	1.000	NO	MM
7	7 200702M1_9	Standard	50.000	3.99	12545.953	3123.886	50.202	50.9	1.8	NO	1.000	NO	MM
8	8 200702M1_10	Standard	100.000	3.99	24469.967	3067.998	99.698	100.3	0.3	NO	1.000	NO	MM
9	9 200702M1_11	Standard	250.000	3.99	61544.160	3054.598	251.850	247.6	-1.0	NO	1.000	NO	MM
10	10 200702M1_12	Standard	500.000	3.99	103983.695	2454.768	529.499	501.0	0.2	NO	1.000	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999872
Calibration curve: -0.000782136 * x^2 + 3.04579 * x + -0.108216
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	4.32	92.446	1865.509	0.619	0.2	-4.4	NO	1.000	NO	bb
2	2 200702M1_4	Standard	0.500	4.32	250.657	1955.466	1.602	0.6	12.3	NO	1.000	NO	bb
3	3 200702M1_5	Standard	1.000	4.32	406.812	1937.689	2.624	0.9	-10.3	NO	1.000	NO	bb
4	4 200702M1_6	Standard	2.000	4.31	937.765	1950.546	6.010	2.0	0.5	NO	1.000	NO	bb
5	5 200702M1_7	Standard	5.000	4.32	2168.252	1950.553	13.895	4.6	-7.9	NO	1.000	NO	bb
6	6 200702M1_8	Standard	10.000	4.32	4236.981	1846.209	28.687	9.5	-5.2	NO	1.000	NO	bb
7	7 200702M1_9	Standard	50.000	4.31	20134.391	1682.635	149.575	49.8	-0.4	NO	1.000	NO	bb
8	8 200702M1_10	Standard	100.000	4.31	39341.504	1639.413	299.966	101.1	1.1	NO	1.000	NO	bb
9	9 200702M1_11	Standard	250.000	4.31	85032.250	1488.514	714.070	250.6	0.2	NO	1.000	NO	bb
10	10 200702M1_12	Standard	500.000	4.31	144085.281	1358.383	1325.890	499.4	-0.1	NO	1.000	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.998614
Calibration curve: -5.07069e-005 * x^2 + 1.54384 * x + 0.199242
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	4.37	511.126	11426.295	0.559	0.2	-6.7	NO	0.999	NO	MM
2	2	200702M1_4	Standard	0.500	4.37	907.857	12161.891	0.933	0.5	-4.9	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	4.37	1579.641	12051.017	1.638	0.9	-6.8	NO	0.999	NO	bb
4	4	200702M1_6	Standard	2.000	4.37	3378.144	13116.190	3.219	2.0	-2.2	NO	0.999	NO	MM
5	5	200702M1_7	Standard	5.000	4.37	8666.677	12704.070	8.527	5.4	7.9	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	4.37	15866.965	11821.460	16.778	10.7	7.4	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	4.36	76265.758	11719.494	81.345	52.7	5.3	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	4.36	142503.703	11080.020	160.767	104.4	4.4	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	4.36	323553.000	11173.728	361.957	236.2	-5.5	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	4.36	547280.125	8905.434	768.183	505.9	1.2	NO	0.999	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999928
Calibration curve: 0.000103522 * x^2 + 0.524826 * x + -0.00521003
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	4.38	133.441	11426.295	0.146	0.3	15.2	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	4.39	253.153	12161.891	0.260	0.5	1.1	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	4.39	465.640	12051.017	0.483	0.9	-7.0	NO	1.000	NO	bb
4	4	200702M1_6	Standard	2.000	4.39	985.899	13116.190	0.940	1.8	-10.0	NO	1.000	NO	bb
5	5	200702M1_7	Standard	5.000	4.39	2796.961	12704.070	2.752	5.2	5.0	NO	1.000	NO	bb
6	6	200702M1_8	Standard	10.000	4.39	4725.723	11821.460	4.997	9.5	-4.9	NO	1.000	NO	bb
7	7	200702M1_9	Standard	50.000	4.38	24807.418	11719.494	26.460	49.9	-0.1	NO	1.000	NO	bb
8	8	200702M1_10	Standard	100.000	4.38	47826.715	11080.020	53.956	100.8	0.8	NO	1.000	NO	bb
9	9	200702M1_11	Standard	250.000	4.38	122917.047	11173.728	137.507	249.7	-0.1	NO	1.000	NO	bb
10	10	200702M1_12	Standard	500.000	4.38	205387.500	8905.434	288.290	500.0	0.0	NO	1.000	NO	bb

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Compound name: PFHpS
Correlation coefficient: r = 0.999814, r^2 = 0.999628
Calibration curve: 0.898459 * x + -0.0392645
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	4.48	40.369	3301.613	0.153	0.2	-14.5	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	4.48	112.037	3729.403	0.376	0.5	-7.7	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	4.48	223.815	3419.881	0.818	1.0	-4.6	NO	1.000	NO	bb
4	4	200702M1_6	Standard	2.000	4.48	519.797	3579.712	1.815	2.1	3.2	NO	1.000	NO	bd
5	5	200702M1_7	Standard	5.000	4.48	1399.511	3723.184	4.699	5.3	5.5	NO	1.000	NO	bb
6	6	200702M1_8	Standard	10.000	4.48	2491.439	3569.870	8.724	9.8	-2.5	NO	1.000	NO	bb
7	7	200702M1_9	Standard	50.000	4.47	12291.295	3225.428	47.634	53.1	6.1	NO	1.000	NO	bb
8	8	200702M1_10	Standard	100.000	4.47	23001.879	3310.324	86.857	96.7	-3.3	NO	1.000	NO	bb
9	9	200702M1_11	Standard	250.000	4.47	61871.223	3433.390	225.256	250.8	0.3	NO	1.000	NO	bb
10	10	200702M1_12	Standard	500.000	4.47	102029.367	2842.132	448.736	499.5	-0.1	NO	1.000	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998839
Calibration curve: 0.000311231 * x^2 + 0.517128 * x + -0.0569201
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	4.79	73.838	9702.200	0.095	0.3	17.6	NO	0.999	NO	bb
2	2	200702M1_4	Standard	0.500	4.79	149.738	9326.117	0.201	0.5	-0.4	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	4.80	363.054	9196.428	0.493	1.1	6.4	NO	0.999	NO	bb
4	4	200702M1_6	Standard	2.000	4.79	671.392	9958.080	0.843	1.7	-13.1	NO	0.999	NO	bb
5	5	200702M1_7	Standard	5.000	4.79	1835.595	9857.893	2.328	4.6	-8.0	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	4.79	3720.177	9571.163	4.859	9.5	-5.5	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	4.79	20176.164	9121.718	27.649	52.0	3.9	NO	0.999	NO	MM
8	8	200702M1_10	Standard	100.000	4.79	36512.832	8409.353	54.274	99.1	-0.9	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	4.79	21385.695	9367.952	28.536	53.6	-78.6	YES	0.999	NO	bbX
10	10	200702M1_12	Standard	500.000	4.78	32833.031	7503.438	54.697	99.9	-80.0	YES	0.999	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999411
Calibration curve: -0.00015264 * x^2 + 1.39614 * x + 0.0319228
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	4.81	295.024	9702.200	0.380	0.2	-0.2	NO	0.999	NO	bb
2	2 200702M1_4	Standard	0.500	4.81	524.029	9326.117	0.702	0.5	-4.0	NO	0.999	NO	MM
3	3 200702M1_5	Standard	1.000	4.81	1040.203	9196.428	1.414	1.0	-1.0	NO	0.999	NO	bb
4	4 200702M1_6	Standard	2.000	4.81	2315.334	9958.080	2.906	2.1	3.0	NO	0.999	NO	bb
5	5 200702M1_7	Standard	5.000	4.81	5973.951	9857.893	7.575	5.4	8.1	NO	0.999	NO	bb
6	6 200702M1_8	Standard	10.000	4.81	10816.544	9571.163	14.126	10.1	1.1	NO	0.999	NO	bb
7	7 200702M1_9	Standard	50.000	4.80	51114.906	9121.718	70.046	50.4	0.9	NO	0.999	NO	bb
8	8 200702M1_10	Standard	100.000	4.80	96682.844	8409.353	143.713	104.1	4.1	NO	0.999	NO	bb
9	9 200702M1_11	Standard	250.000	4.80	245834.500	9367.952	328.026	241.3	-3.5	NO	0.999	NO	bb
10	10 200702M1_12	Standard	500.000	4.80	398886.375	7503.438	664.506	503.7	0.7	NO	0.999	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.994881
Calibration curve: 3.87536e-005 * x^2 + 0.958688 * x + -0.240583
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	4.85	59.469	4674.778	0.159	0.4	66.7	YES	0.995	NO	bbX
2	2 200702M1_4	Standard	0.500	4.85	84.804	4193.885	0.253	0.5	2.9	NO	0.995	NO	bb
3	3 200702M1_5	Standard	1.000	4.85	208.939	5475.473	0.477	0.7	-25.2	NO	0.995	NO	bb
4	4 200702M1_6	Standard	2.000	4.85	837.420	4815.205	2.174	2.5	25.9	NO	0.995	NO	bb
5	5 200702M1_7	Standard	5.000	4.85	1883.122	5773.110	4.077	4.5	-9.9	NO	0.995	NO	bb
6	6 200702M1_8	Standard	10.000	4.85	3760.592	5023.357	9.358	10.0	0.1	NO	0.995	NO	MM
7	7 200702M1_9	Standard	50.000	4.84	21064.705	5609.872	46.937	49.1	-1.8	NO	0.995	NO	MM
8	8 200702M1_10	Standard	100.000	4.84	42627.793	4814.640	110.672	115.2	15.2	NO	0.995	NO	MM
9	9 200702M1_11	Standard	250.000	4.84	106432.859	6038.207	220.332	228.0	-8.8	NO	0.995	NO	bb
10	10 200702M1_12	Standard	500.000	4.84	176954.203	4453.161	496.710	507.9	1.6	NO	0.995	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999304
Calibration curve: -1.16226e-005 * x^2 + 1.01816 * x + -0.0739928
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	4.89	38.601	3301.613	0.146	0.2	-13.5	NO	0.999	NO	MM
2	2	200702M1_4	Standard	0.500	4.89	131.024	3729.403	0.439	0.5	0.8	NO	0.999	NO	MM
3	3	200702M1_5	Standard	1.000	4.89	219.397	3419.881	0.802	0.9	-14.0	NO	0.999	NO	MM
4	4	200702M1_6	Standard	2.000	4.89	559.223	3579.712	1.953	2.0	-0.5	NO	0.999	NO	MM
5	5	200702M1_7	Standard	5.000	4.89	1360.380	3723.184	4.567	4.6	-8.8	NO	0.999	NO	MM
6	6	200702M1_8	Standard	10.000	4.89	2908.838	3569.870	10.185	10.1	0.8	NO	0.999	NO	MM
7	7	200702M1_9	Standard	50.000	4.88	14012.699	3225.428	54.306	53.4	6.9	NO	0.999	NO	MM
8	8	200702M1_10	Standard	100.000	4.88	27395.496	3310.324	103.447	101.8	1.8	NO	0.999	NO	MM
9	9	200702M1_11	Standard	250.000	4.88	67465.547	3433.390	245.623	242.0	-3.2	NO	0.999	NO	MM
10	10	200702M1_12	Standard	500.000	4.88	115833.492	2842.132	509.448	503.3	0.7	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999270
Calibration curve: 2.75088e-005 * x^2 + 3.6367 * x + 0.124456
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.10	336.830	3301.613	1.275	0.3	26.6	NO	0.999	NO	bb
2	2	200702M1_4	Standard	0.500	5.10	456.602	3729.403	1.530	0.4	-22.7	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	5.10	1079.960	3419.881	3.947	1.1	5.1	NO	0.999	NO	bb
4	4	200702M1_6	Standard	2.000	5.10	2195.440	3579.712	7.666	2.1	3.7	NO	0.999	NO	bb
5	5	200702M1_7	Standard	5.000	5.10	5390.659	3723.184	18.098	4.9	-1.2	NO	0.999	NO	MM
6	6	200702M1_8	Standard	10.000	5.10	9984.673	3569.870	34.962	9.6	-4.2	NO	0.999	NO	MM
7	7	200702M1_9	Standard	50.000	5.10	51397.293	3225.428	199.188	54.7	9.4	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	5.09	95060.680	3310.324	358.955	98.6	-1.4	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	5.09	244778.813	3433.390	891.170	244.6	-2.2	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	5.09	417137.531	2842.132	1834.615	502.5	0.5	NO	0.999	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999462
Calibration curve: 9.94453e-005 * x^2 + 1.54994 * x + 0.0319439
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.18	350.599	10643.909	0.412	0.2	-2.0	NO	0.999	NO	bb
2	2	200702M1_4	Standard	0.500	5.18	691.538	10708.298	0.807	0.5	0.0	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	5.18	1245.249	10081.284	1.544	1.0	-2.4	NO	0.999	NO	bb
4	4	200702M1_6	Standard	2.000	5.18	2588.930	10670.214	3.033	1.9	-3.2	NO	0.999	NO	bb
5	5	200702M1_7	Standard	5.000	5.18	6992.610	10414.344	8.393	5.4	7.9	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	5.18	13085.400	10094.275	16.204	10.4	4.3	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	5.17	64755.949	9965.813	81.223	52.2	4.4	NO	0.999	NO	MM
8	8	200702M1_10	Standard	100.000	5.17	119995.578	9429.376	159.071	101.9	1.9	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	5.17	299778.844	9849.872	380.435	241.7	-3.3	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	5.17	521259.969	8088.671	805.540	503.4	0.7	NO	0.999	NO	MM

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.998723
Calibration curve: -0.000716382 * x^2 + 2.26629 * x + -0.0483931
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.15	79.148	2242.257	0.441	0.2	-13.6	NO	0.999	NO	bb
2	2	200702M1_4	Standard	0.500	5.15	205.585	2082.594	1.234	0.6	13.2	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	5.15	321.215	1922.703	2.088	0.9	-5.7	NO	0.999	NO	MM
4	4	200702M1_6	Standard	2.000	5.15	851.357	2230.260	4.772	2.1	6.4	NO	0.999	NO	bb
5	5	200702M1_7	Standard	5.000	5.15	1970.511	2235.358	11.019	4.9	-2.2	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	5.15	3964.720	2178.098	22.753	10.1	0.9	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	5.14	18164.090	2110.645	107.574	48.2	-3.6	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	5.14	32677.039	1733.011	235.696	107.7	7.7	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	5.14	82290.773	2047.705	502.335	239.9	-4.1	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	5.14	133573.609	1737.718	960.841	504.4	0.9	NO	0.999	NO	MM

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.999342
Calibration curve: -4.76319e-005 * x^2 + 1.06171 * x + -0.00843664
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.24	76.296	3301.613	0.289	0.3	12.0	NO	0.999	NO	bb
2	2	200702M1_4	Standard	0.500	5.24	147.351	3729.403	0.494	0.5	-5.4	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	5.24	274.290	3419.881	1.003	1.0	-4.8	NO	0.999	NO	bb
4	4	200702M1_6	Standard	2.000	5.24	628.138	3579.712	2.193	2.1	3.7	NO	0.999	NO	bd
5	5	200702M1_7	Standard	5.000	5.24	1503.635	3723.184	5.048	4.8	-4.7	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	5.24	2863.293	3569.870	10.026	9.5	-5.4	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	5.23	14047.601	3225.428	54.441	51.4	2.8	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	5.24	29246.547	3310.324	110.437	104.5	4.5	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	5.23	69695.070	3433.390	253.740	241.6	-3.4	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	5.23	118734.328	2842.132	522.206	503.2	0.6	NO	0.999	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999522
Calibration curve: -0.000184392 * x^2 + 0.851778 * x + -0.0137032
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.33	139.220	8632.409	0.202	0.3	1.1	NO	1.000	NO	MM
2	2	200702M1_4	Standard	0.500	5.33	293.568	9612.824	0.382	0.5	-7.1	NO	1.000	NO	MM
3	3	200702M1_5	Standard	1.000	5.33	605.476	9899.229	0.765	0.9	-8.6	NO	1.000	NO	MM
4	4	200702M1_6	Standard	2.000	5.33	1429.760	10342.832	1.728	2.0	2.3	NO	1.000	NO	MM
5	5	200702M1_7	Standard	5.000	5.33	3654.034	10343.994	4.416	5.2	4.1	NO	1.000	NO	MM
6	6	200702M1_8	Standard	10.000	5.33	6621.877	10006.143	8.272	9.7	-2.5	NO	1.000	NO	MM
7	7	200702M1_9	Standard	50.000	5.32	32141.670	9103.992	44.131	52.4	4.8	NO	1.000	NO	MM
8	8	200702M1_10	Standard	100.000	5.32	59723.988	8803.125	84.805	101.8	1.8	NO	1.000	NO	MM
9	9	200702M1_11	Standard	250.000	5.32	152280.578	9731.813	195.596	242.4	-3.1	NO	1.000	NO	MM
10	10	200702M1_12	Standard	500.000	5.32	259460.844	8486.075	382.186	503.6	0.7	NO	1.000	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.998140
Calibration curve: -8.94119e-006 * x^2 + 1.02611 * x + -0.00826972
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.49	132.917	8643.795	0.192	0.2	-21.8	NO	0.998	NO	MM
2	2	200702M1_4	Standard	0.500	5.49	318.479	8495.664	0.469	0.5	-7.1	NO	0.998	NO	MM
3	3	200702M1_5	Standard	1.000	5.49	756.413	7952.778	1.189	1.2	16.7	NO	0.998	NO	MM
4	4	200702M1_6	Standard	2.000	5.49	1466.723	8671.252	2.114	2.1	3.4	NO	0.998	NO	MM
5	5	200702M1_7	Standard	5.000	5.49	3523.634	8855.094	4.974	4.9	-2.9	NO	0.998	NO	MM
6	6	200702M1_8	Standard	10.000	5.49	7494.646	8930.399	10.490	10.2	2.3	NO	0.998	NO	MM
7	7	200702M1_9	Standard	50.000	5.48	33878.383	7374.653	57.424	56.0	12.0	NO	0.998	NO	MM
8	8	200702M1_10	Standard	100.000	5.48	66464.516	7960.781	104.362	101.8	1.8	NO	0.998	NO	MM
9	9	200702M1_11	Standard	250.000	5.48	149507.250	7739.743	241.460	235.8	-5.7	NO	0.998	NO	MM
10	10	200702M1_12	Standard	500.000	5.48	247469.266	5982.484	517.070	506.2	1.2	NO	0.998	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999335
Calibration curve: -7.95054e-005 * x^2 + 0.896025 * x + 0.0484254
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.50	289.698	17276.043	0.210	0.2	-28.0	NO	0.999	NO	MM
2	2	200702M1_4	Standard	0.500	5.50	826.862	17518.385	0.590	0.6	20.9	NO	0.999	NO	bb
3	3	200702M1_5	Standard	1.000	5.50	1360.414	16276.486	1.045	1.1	11.2	NO	0.999	NO	MM
4	4	200702M1_6	Standard	2.000	5.50	2754.385	16651.486	2.068	2.3	12.7	NO	0.999	NO	bb
5	5	200702M1_7	Standard	5.000	5.50	6510.484	17958.865	4.532	5.0	0.1	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	5.50	12555.743	17342.145	9.050	10.1	0.6	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	5.50	61512.906	16404.307	46.873	52.5	5.0	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	5.50	115017.680	15874.604	90.567	101.9	1.9	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	5.50	280155.844	16555.564	211.527	241.2	-3.5	NO	0.999	NO	MM
10	10	200702M1_12	Standard	500.000	5.50	466603.688	13520.125	431.397	503.9	0.8	NO	0.999	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999614
Calibration curve: 6.3563e-005 * x^2 + 0.821372 * x + -0.0267996
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.55	41.064	3301.613	0.155	0.2	-11.2	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	5.55	112.169	3729.403	0.376	0.5	-1.9	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	5.55	196.860	3419.881	0.720	0.9	-9.1	NO	1.000	NO	bb
4	4	200702M1_6	Standard	2.000	5.55	503.299	3579.712	1.757	2.2	8.6	NO	1.000	NO	bb
5	5	200702M1_7	Standard	5.000	5.55	1211.869	3723.184	4.069	5.0	-0.3	NO	1.000	NO	bb
6	6	200702M1_8	Standard	10.000	5.55	2262.461	3569.870	7.922	9.7	-3.3	NO	1.000	NO	bb
7	7	200702M1_9	Standard	50.000	5.55	11083.817	3225.428	42.955	52.1	4.2	NO	1.000	NO	bb
8	8	200702M1_10	Standard	100.000	5.55	22378.752	3310.324	84.504	102.1	2.1	NO	1.000	NO	bb
9	9	200702M1_11	Standard	250.000	5.55	55979.906	3433.390	203.807	243.6	-2.6	NO	1.000	NO	bb
10	10	200702M1_12	Standard	500.000	5.55	97489.453	2842.132	428.769	502.5	0.5	NO	1.000	NO	bb

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999111
Calibration curve: 5.7571e-005 * x^2 + 0.572178 * x + 0.0392304
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	5.71	236.957	18507.744	0.160	0.2	-15.5	NO	0.999	NO	bb
2	2	200702M1_4	Standard	0.500	5.71	448.367	19296.799	0.290	0.4	-12.2	NO	0.999	NO	MM
3	3	200702M1_5	Standard	1.000	5.71	966.086	18713.813	0.645	1.1	5.9	NO	0.999	NO	MM
4	4	200702M1_6	Standard	2.000	5.71	1996.901	19556.580	1.276	2.2	8.1	NO	0.999	NO	bb
5	5	200702M1_7	Standard	5.000	5.71	4919.896	19836.184	3.100	5.3	6.9	NO	0.999	NO	bb
6	6	200702M1_8	Standard	10.000	5.71	9124.026	19435.301	5.868	10.2	1.8	NO	0.999	NO	MM
7	7	200702M1_9	Standard	50.000	5.70	43750.730	18041.871	30.312	52.6	5.3	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	5.70	85782.250	17955.873	59.717	103.2	3.2	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	5.70	210229.000	18743.617	140.200	239.2	-4.3	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	5.70	358987.125	14798.555	303.228	504.3	0.9	NO	0.999	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999799
Calibration curve: -0.000773359 * x^2 + 3.30374 * x + 0.162629
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	5.78	98.346	1538.276	0.799	0.2	-22.9	NO	1.000	NO	bb
2	2 200702M1_4	Standard	0.500	5.77	212.956	1338.547	1.989	0.6	10.6	NO	1.000	NO	bb
3	3 200702M1_5	Standard	1.000	5.77	431.508	1447.675	3.726	1.1	7.9	NO	1.000	NO	MM
4	4 200702M1_6	Standard	2.000	5.78	869.472	1651.239	6.582	1.9	-2.8	NO	1.000	NO	bb
5	5 200702M1_7	Standard	5.000	5.78	2220.007	1518.163	18.279	5.5	9.8	NO	1.000	NO	bb
6	6 200702M1_8	Standard	10.000	5.77	4184.817	1626.820	32.155	9.7	-2.9	NO	1.000	NO	bb
7	7 200702M1_9	Standard	50.000	5.77	19446.221	1493.771	162.728	49.8	-0.4	NO	1.000	NO	bb
8	8 200702M1_10	Standard	100.000	5.77	35835.992	1362.617	328.742	101.9	1.9	NO	1.000	NO	bb
9	9 200702M1_11	Standard	250.000	5.77	82207.000	1337.879	768.072	246.7	-1.3	NO	1.000	NO	bb
10	10 200702M1_12	Standard	500.000	5.76	130131.844	1112.299	1462.420	501.5	0.3	NO	1.000	NO	bb

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998873
Calibration curve: -7.51707e-005 * x^2 + 0.992501 * x + 0.0792216
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	5.78	430.539	18507.744	0.291	0.2	-14.7	NO	0.999	NO	MM
2	2 200702M1_4	Standard	0.500	5.78	869.774	19296.799	0.563	0.5	-2.4	NO	0.999	NO	MM
3	3 200702M1_5	Standard	1.000	5.78	1908.918	18713.813	1.275	1.2	20.5	NO	0.999	NO	bb
4	4 200702M1_6	Standard	2.000	5.79	3547.190	19556.580	2.267	2.2	10.2	NO	0.999	NO	bb
5	5 200702M1_7	Standard	5.000	5.78	8699.162	19836.184	5.482	5.4	8.9	NO	0.999	NO	bb
6	6 200702M1_8	Standard	10.000	5.78	16356.529	19435.301	10.520	10.5	5.3	NO	0.999	NO	bb
7	7 200702M1_9	Standard	50.000	5.78	75013.219	18041.871	51.972	52.5	5.0	NO	0.999	NO	bb
8	8 200702M1_10	Standard	100.000	5.78	145763.859	17955.873	101.474	103.0	3.0	NO	0.999	NO	bb
9	9 200702M1_11	Standard	250.000	5.78	347639.875	18743.617	231.839	237.8	-4.9	NO	0.999	NO	bb
10	10 200702M1_12	Standard	500.000	5.78	571260.063	14798.555	482.530	505.4	1.1	NO	0.999	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.998851
Calibration curve: -7.15391e-005 * x^2 + 1.04631 * x + 0.214216
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	1.250	5.72	114.264	10746.463	1.586	1.3	4.9	NO	0.999	NO	bb
2	2	200702M1_4	Standard	2.500	5.72	166.683	11042.565	2.252	1.9	-22.1	NO	0.999	NO	bb
3	3	200702M1_5	Standard	5.000	5.72	390.387	10728.712	5.429	5.0	-0.3	NO	0.999	NO	bb
4	4	200702M1_6	Standard	10.000	5.72	1000.643	12376.913	12.062	11.3	13.3	NO	0.999	NO	bb
5	5	200702M1_7	Standard	25.000	5.72	2147.511	10943.128	29.279	27.8	11.3	NO	0.999	NO	bb
6	6	200702M1_8	Standard	50.000	5.72	4163.614	11127.025	55.829	53.3	6.7	NO	0.999	NO	bb
7	7	200702M1_9	Standard	250.000	5.70	20962.559	11868.003	263.533	256.2	2.5	NO	0.999	NO	bb
8	8	200702M1_10	Standard	500.000	5.70	40072.352	11410.876	523.956	519.0	3.8	NO	0.999	NO	bb
9	9	200702M1_11	Standard	1250.000	5.70	91834.789	12006.353	1141.208	1186.8	-5.1	NO	0.999	NO	bb
10	10	200702M1_12	Standard	2500.000	5.70	146764.797	9989.589	2192.013	2533.7	1.3	NO	0.999	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999447
Calibration curve: -8.72076e-005 * x^2 + 0.955813 * x + 0.0447366
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	6.03	319.170	18507.744	0.216	0.2	-28.5	NO	0.999	NO	MM
2	2	200702M1_4	Standard	0.500	6.03	798.800	19296.799	0.517	0.5	-1.1	NO	0.999	NO	MM
3	3	200702M1_5	Standard	1.000	6.03	1687.686	18713.813	1.127	1.1	13.3	NO	0.999	NO	MM
4	4	200702M1_6	Standard	2.000	6.03	3312.945	19556.580	2.118	2.2	8.5	NO	0.999	NO	MM
5	5	200702M1_7	Standard	5.000	6.03	7972.149	19836.184	5.024	5.2	4.2	NO	0.999	NO	MM!
6	6	200702M1_8	Standard	10.000	6.03	14910.855	19435.301	9.590	10.0	-0.0	NO	0.999	NO	bb
7	7	200702M1_9	Standard	50.000	6.02	71484.695	18041.871	49.527	52.0	4.0	NO	0.999	NO	bb
8	8	200702M1_10	Standard	100.000	6.02	139159.563	17955.873	96.876	102.3	2.3	NO	0.999	NO	bb
9	9	200702M1_11	Standard	250.000	6.02	338726.000	18743.617	225.894	241.6	-3.4	NO	0.999	NO	bb
10	10	200702M1_12	Standard	500.000	6.02	543826.438	14798.555	459.358	503.7	0.7	NO	0.999	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.998298
Calibration curve: -5.16727e-005 * x^2 + 0.312374 * x + -0.0100578
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	6.05	71.734	12338.607	0.073	0.3	5.9	NO	0.998	NO	bb
2	2 200702M1_4	Standard	0.500	6.05	137.050	12214.524	0.140	0.5	-3.8	NO	0.998	NO	bb
3	3 200702M1_5	Standard	1.000	6.05	282.641	12710.383	0.278	0.9	-7.8	NO	0.998	NO	bb
4	4 200702M1_6	Standard	2.000	6.05	687.436	12565.461	0.684	2.2	11.1	NO	0.998	NO	bb
5	5 200702M1_7	Standard	5.000	6.05	1481.068	13321.408	1.390	4.5	-10.3	NO	0.998	NO	bb
6	6 200702M1_8	Standard	10.000	6.05	3019.005	12670.626	2.978	9.6	-4.2	NO	0.998	NO	MM
7	7 200702M1_9	Standard	50.000	6.05	15054.667	11108.208	16.941	54.8	9.5	NO	0.998	NO	bb
8	8 200702M1_10	Standard	100.000	6.05	28829.816	11316.374	31.845	103.8	3.8	NO	0.998	NO	bb
9	9 200702M1_11	Standard	250.000	6.05	70319.320	12398.616	70.894	236.2	-5.5	NO	0.998	NO	bb
10	10 200702M1_12	Standard	500.000	6.05	123219.469	10631.917	144.870	506.2	1.2	NO	0.998	NO	bb

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.999160
Calibration curve: -0.000417532 * x^2 + 1.59318 * x + 0.0349275
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	6.23	441.359	12338.607	0.447	0.3	3.5	NO	0.999	NO	bb
2	2 200702M1_4	Standard	0.500	6.23	791.840	12214.524	0.810	0.5	-2.6	NO	0.999	NO	bb
3	3 200702M1_5	Standard	1.000	6.23	1591.757	12710.383	1.565	1.0	-3.9	NO	0.999	NO	bb
4	4 200702M1_6	Standard	2.000	6.24	3361.974	12565.461	3.344	2.1	3.9	NO	0.999	NO	bb
5	5 200702M1_7	Standard	5.000	6.24	8240.069	13321.408	7.732	4.8	-3.3	NO	0.999	NO	MM
6	6 200702M1_8	Standard	10.000	6.23	15569.619	12670.626	15.360	9.6	-3.6	NO	0.999	NO	bb
7	7 200702M1_9	Standard	50.000	6.23	74091.070	11108.208	83.374	53.0	6.1	NO	0.999	NO	bb
8	8 200702M1_10	Standard	100.000	6.23	144598.656	11316.374	159.723	103.0	3.0	NO	0.999	NO	bb
9	9 200702M1_11	Standard	250.000	6.23	355061.406	12398.616	357.965	239.7	-4.1	NO	0.999	NO	bb
10	10 200702M1_12	Standard	500.000	6.23	593691.000	10631.917	698.006	504.9	1.0	NO	0.999	NO	bb

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999781
Calibration curve: -4.55995e-005 * x^2 + 0.82106 * x + 0.0651047
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	1.250	6.14	84.038	15423.255	0.813	0.9	-27.1	NO	1.000	NO	bb
2	2 200702M1_4	Standard	2.500	6.13	256.290	15737.846	2.430	2.9	15.2	NO	1.000	NO	bb
3	3 200702M1_5	Standard	5.000	6.13	479.169	16153.712	4.426	5.3	6.3	NO	1.000	NO	bb
4	4 200702M1_6	Standard	10.000	6.13	951.006	17621.404	8.052	9.7	-2.7	NO	1.000	NO	bb
5	5 200702M1_7	Standard	25.000	6.13	2516.370	16955.598	22.143	26.9	7.7	NO	1.000	NO	bb
6	6 200702M1_8	Standard	50.000	6.13	4850.216	16441.047	44.015	53.7	7.4	NO	1.000	NO	bb
7	7 200702M1_9	Standard	250.000	6.12	22701.715	16696.471	202.863	250.5	0.2	NO	1.000	NO	bb
8	8 200702M1_10	Standard	500.000	6.12	43134.922	16057.009	400.805	502.1	0.4	NO	1.000	NO	bb
9	9 200702M1_11	Standard	1250.000	6.12	102322.695	16194.398	942.705	1232.4	-1.4	NO	1.000	NO	bb
10	10 200702M1_12	Standard	2500.000	6.12	165871.203	13954.306	1773.502	2509.8	0.4	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999889
Calibration curve: -2.33213e-005 * x^2 + 0.633173 * x + 0.0985171
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	0.250	6.53	357.578	17216.680	0.260	0.3	1.8	NO	1.000	NO	bb
2	2 200702M1_4	Standard	0.500	6.54	585.671	18875.381	0.388	0.5	-8.6	NO	1.000	NO	MM
3	3 200702M1_5	Standard	1.000	6.54	1084.333	18282.139	0.741	1.0	1.5	NO	1.000	NO	bb
4	4 200702M1_6	Standard	2.000	6.53	2079.934	18918.041	1.374	2.0	0.8	NO	1.000	NO	bb
5	5 200702M1_7	Standard	5.000	6.54	5083.476	18354.053	3.462	5.3	6.3	NO	1.000	NO	bb
6	6 200702M1_8	Standard	10.000	6.54	9174.345	18505.379	6.197	9.6	-3.6	NO	1.000	NO	bb
7	7 200702M1_9	Standard	50.000	6.54	45039.723	17355.299	32.439	51.2	2.3	NO	1.000	NO	bb
8	8 200702M1_10	Standard	100.000	6.54	89685.094	17666.744	63.456	100.4	0.4	NO	1.000	NO	bb
9	9 200702M1_11	Standard	250.000	6.54	220860.000	17784.490	155.234	247.3	-1.1	NO	1.000	NO	bb
10	10 200702M1_12	Standard	500.000	6.54	382815.094	15357.880	311.579	501.2	0.2	NO	1.000	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999858
Calibration curve: -3.74499e-005 * x^2 + 0.837097 * x + 0.00951275
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	0.250	6.75	301.628	17216.680	0.219	0.3	0.1	NO	1.000	NO	bb
2	2	200702M1_4	Standard	0.500	6.75	588.840	18875.381	0.390	0.5	-9.1	NO	1.000	NO	bb
3	3	200702M1_5	Standard	1.000	6.75	1241.132	18282.139	0.849	1.0	0.2	NO	1.000	NO	MM
4	4	200702M1_6	Standard	2.000	6.75	2648.112	18918.041	1.750	2.1	4.0	NO	1.000	NO	MM
5	5	200702M1_7	Standard	5.000	6.75	6413.467	18354.053	4.368	5.2	4.2	NO	1.000	NO	MM
6	6	200702M1_8	Standard	10.000	6.75	12182.233	18505.379	8.229	9.8	-1.8	NO	1.000	NO	MM
7	7	200702M1_9	Standard	50.000	6.75	60180.656	17355.299	43.345	51.9	3.8	NO	1.000	NO	MM
8	8	200702M1_10	Standard	100.000	6.75	117193.148	17666.744	82.919	99.5	-0.5	NO	1.000	NO	MM
9	9	200702M1_11	Standard	250.000	6.75	291205.469	17784.490	204.677	247.2	-1.1	NO	1.000	NO	MM
10	10	200702M1_12	Standard	500.000	6.75	504055.063	15357.880	410.258	501.3	0.3	NO	1.000	NO	MM

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.996881
Calibration curve: -2.34321e-006 * x^2 + 0.917026 * x + 0.235441
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	1.250	6.33	67.070	8135.916	1.230	1.1	-13.2	NO	0.997	NO	MM
2	2	200702M1_4	Standard	2.500	6.33	149.930	9178.000	2.437	2.4	-4.0	NO	0.997	NO	bb
3	3	200702M1_5	Standard	5.000	6.32	301.320	8707.337	5.163	5.4	7.5	NO	0.997	NO	bb
4	4	200702M1_6	Standard	10.000	6.33	563.720	9571.042	8.788	9.3	-6.7	NO	0.997	NO	MM
5	5	200702M1_7	Standard	25.000	6.33	1489.204	8696.145	25.550	27.6	10.4	NO	0.997	NO	bb
6	6	200702M1_8	Standard	50.000	6.33	2837.178	9396.646	45.049	48.9	-2.3	NO	0.997	NO	bb
7	7	200702M1_9	Standard	250.000	6.33	15667.804	9658.537	242.028	263.8	5.5	NO	0.997	NO	bb
8	8	200702M1_10	Standard	500.000	6.32	30811.717	9188.873	500.291	546.1	9.2	NO	0.997	NO	bb
9	9	200702M1_11	Standard	1250.000	6.33	75468.125	10714.033	1050.944	1149.2	-8.1	NO	0.997	NO	bb
10	10	200702M1_12	Standard	2500.000	6.33	146386.000	9436.847	2314.416	2540.1	1.6	NO	0.997	NO	bb

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Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.996697
Calibration curve: 1.75177e-005 * x^2 + 1.02774 * x + 0.248165
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	1.250	6.47	79.907	8702.021	1.370	1.1	-12.7	NO	0.997	NO	bb
2	2 200702M1_4	Standard	2.500	6.47	169.642	8944.479	2.830	2.5	0.5	NO	0.997	NO	bb
3	3 200702M1_5	Standard	5.000	6.47	356.856	9435.428	5.643	5.2	5.0	NO	0.997	NO	bb
4	4 200702M1_6	Standard	10.000	6.47	720.565	10276.957	10.461	9.9	-0.6	NO	0.997	NO	bb
5	5 200702M1_7	Standard	25.000	6.47	1858.969	9485.280	29.241	28.2	12.8	NO	0.997	NO	MM
6	6 200702M1_8	Standard	50.000	6.47	3493.367	9691.512	53.780	52.0	4.1	NO	0.997	NO	bb
7	7 200702M1_9	Standard	250.000	6.47	19271.436	10030.112	286.667	277.4	11.0	NO	0.997	NO	bb
8	8 200702M1_10	Standard	500.000	6.47	36441.406	9879.362	550.345	530.5	6.1	NO	0.997	NO	bb
9	9 200702M1_11	Standard	1250.000	6.47	92773.203	11539.363	1199.526	1144.6	-8.4	NO	0.997	NO	bb
10	10 200702M1_12	Standard	2500.000	6.47	174467.000	9548.349	2726.176	2542.2	1.7	NO	0.997	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 240.197
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	1.46	2959.174		2959.174	12.3	-1.4	NO		NO	MMX
2	2 200702M1_4	Standard	12.500	1.47	2959.601		2959.601	12.3	-1.4	NO		NO	MMX
3	3 200702M1_5	Standard	12.500	1.46	3003.049		3003.049	12.5	0.0	NO		NO	MMX
4	4 200702M1_6	Standard	12.500	1.47	3026.848		3026.848	12.6	0.8	NO		NO	MMX
5	5 200702M1_7	Standard	12.500	1.47	3149.640		3149.640	13.1	4.9	NO		NO	MMX
6	6 200702M1_8	Standard	12.500	1.46	3002.468		3002.468	12.5	0.0	NO		NO	MM
7	7 200702M1_9	Standard	12.500	1.45	2958.268		2958.268	12.3	-1.5	NO		NO	MMX
8	8 200702M1_10	Standard	12.500	1.44	2966.248		2966.248	12.3	-1.2	NO		NO	MMX
9	9 200702M1_11	Standard	12.500	1.45	3290.895		3290.895	13.7	9.6	NO		NO	MMX
10	10 200702M1_12	Standard	12.500	1.44	2917.405		2917.405	12.1	-2.8	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.661773
RRF SD: 0.0171111, Relative SD: 2.58564
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	1.46	2959.112	4381.807	8.441	12.8	2.0	NO		NO	MM
2	2 200702M1_4	Standard	12.500	1.47	2959.110	4418.920	8.371	12.6	1.2	NO		NO	MM
3	3 200702M1_5	Standard	12.500	1.46	3001.702	4629.622	8.105	12.2	-2.0	NO		NO	MM
4	4 200702M1_6	Standard	12.500	1.47	3026.996	4637.417	8.159	12.3	-1.4	NO		NO	MM
5	5 200702M1_7	Standard	12.500	1.47	3149.283	4844.823	8.125	12.3	-1.8	NO		NO	MM
6	6 200702M1_8	Standard	12.500	1.46	3000.911	4559.603	8.227	12.4	-0.5	NO		NO	MM
7	7 200702M1_9	Standard	12.500	1.45	2957.870	4637.309	7.973	12.0	-3.6	NO		NO	MM
8	8 200702M1_10	Standard	12.500	1.44	2968.034	4544.573	8.164	12.3	-1.3	NO		NO	MM
9	9 200702M1_11	Standard	12.500	1.45	3291.597	4740.885	8.679	13.1	4.9	NO		NO	MM
10	10 200702M1_12	Standard	12.500	1.44	2918.125	4302.481	8.478	12.8	2.5	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 405.024
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	2.43	5096.180		5096.180	12.6	0.7	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	2.44	5007.018		5007.018	12.4	-1.1	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	2.44	5081.892		5081.892	12.5	0.4	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	2.43	5432.627		5432.627	13.4	7.3	NO		NO	MMX
5	5 200702M1_7	Standard	12.500	2.43	5416.802		5416.802	13.4	7.0	NO		NO	MMX
6	6 200702M1_8	Standard	12.500	2.43	5062.806		5062.806	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	2.42	5140.041		5140.041	12.7	1.5	NO		NO	MMX
8	8 200702M1_10	Standard	12.500	2.41	4963.011		4963.011	12.3	-2.0	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	2.42	5265.747		5265.747	13.0	4.0	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	2.41	4470.588		4470.588	11.0	-11.7	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.451887
RRF SD: 0.0227858, Relative SD: 5.04237
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	2.43	5096.180	10362.601	6.147	13.6	8.8	NO		NO	bb
2	2	200702M1_4	Standard	12.500	2.44	5007.018	11755.911	5.324	11.8	-5.7	NO		NO	bb
3	3	200702M1_5	Standard	12.500	2.44	5081.892	12090.148	5.254	11.6	-7.0	NO		NO	bb
4	4	200702M1_6	Standard	12.500	2.43	5432.772	12073.262	5.625	12.4	-0.4	NO		NO	MM
5	5	200702M1_7	Standard	12.500	2.43	5415.702	12501.720	5.415	12.0	-4.1	NO		NO	MM
6	6	200702M1_8	Standard	12.500	2.43	5062.806	11566.426	5.471	12.1	-3.1	NO		NO	bb
7	7	200702M1_9	Standard	12.500	2.42	5138.760	11077.247	5.799	12.8	2.7	NO		NO	MM
8	8	200702M1_10	Standard	12.500	2.41	4963.011	10906.657	5.688	12.6	0.7	NO		NO	bb
9	9	200702M1_11	Standard	12.500	2.42	5265.747	11244.693	5.854	13.0	3.6	NO		NO	bb
10	10	200702M1_12	Standard	12.500	2.41	4471.833	9460.008	5.909	13.1	4.6	NO		NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 109.506
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	2.72	1376.229		1376.229	12.6	0.5	NO		NO	MMX
2	2	200702M1_4	Standard	12.500	2.72	1322.620		1322.620	12.1	-3.4	NO		NO	MMX
3	3	200702M1_5	Standard	12.500	2.72	1344.199		1344.199	12.3	-1.8	NO		NO	MMX
4	4	200702M1_6	Standard	12.500	2.72	1356.132		1356.132	12.4	-0.9	NO		NO	MMX
5	5	200702M1_7	Standard	12.500	2.72	1341.289		1341.289	12.2	-2.0	NO		NO	MMX
6	6	200702M1_8	Standard	12.500	2.71	1368.827		1368.827	12.5	0.0	NO		NO	MM
7	7	200702M1_9	Standard	12.500	2.70	1237.436		1237.436	11.3	-9.6	NO		NO	MMX
8	8	200702M1_10	Standard	12.500	2.70	1327.304		1327.304	12.1	-3.0	NO		NO	MMX
9	9	200702M1_11	Standard	12.500	2.70	1279.891		1279.891	11.7	-6.5	NO		NO	MMX
10	10	200702M1_12	Standard	12.500	2.70	1094.334		1094.334	10.0	-20.1	NO		NO	MMX

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Compound name: 13C3-PFBS-RSD
Response Factor: 0.759362
RRF SD: 0.0503463, Relative SD: 6.63008
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	2.72	1403.975	1659.922	10.573	13.9	11.4	NO		NO	bd
2	2	200702M1_4	Standard	12.500	2.72	1319.056	1776.828	9.280	12.2	-2.2	NO		NO	bb
3	3	200702M1_5	Standard	12.500	2.72	1318.513	1813.630	9.088	12.0	-4.3	NO		NO	bb
4	4	200702M1_6	Standard	12.500	2.72	1346.260	1938.501	8.681	11.4	-8.5	NO		NO	bb
5	5	200702M1_7	Standard	12.500	2.72	1366.825	1847.250	9.249	12.2	-2.6	NO		NO	bd
6	6	200702M1_8	Standard	12.500	2.71	1362.525	1804.794	9.437	12.4	-0.6	NO		NO	bb
7	7	200702M1_9	Standard	12.500	2.70	1233.209	1746.926	8.824	11.6	-7.0	NO		NO	bb
8	8	200702M1_10	Standard	12.500	2.70	1306.993	1582.780	10.322	13.6	8.7	NO		NO	bb
9	9	200702M1_11	Standard	12.500	2.70	1289.684	1714.166	9.405	12.4	-0.9	NO		NO	bb
10	10	200702M1_12	Standard	12.500	2.70	1090.421	1354.515	10.063	13.3	6.0	NO		NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 66.2235
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	3.46	819.541		819.541	12.4	-1.0	NO		NO	bbX
2	2	200702M1_4	Standard	12.500	3.46	773.177		773.177	11.7	-6.6	NO		NO	bbX
3	3	200702M1_5	Standard	12.500	3.46	823.025		823.025	12.4	-0.6	NO		NO	bbX
4	4	200702M1_6	Standard	12.500	3.46	858.391		858.391	13.0	3.7	NO		NO	bbX
5	5	200702M1_7	Standard	12.500	3.46	870.475		870.475	13.1	5.2	NO		NO	MMX
6	6	200702M1_8	Standard	12.500	3.46	827.794		827.794	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	3.45	765.877		765.877	11.6	-7.5	NO		NO	bbX
8	8	200702M1_10	Standard	12.500	3.45	726.852		726.852	11.0	-12.2	NO		NO	bbX
9	9	200702M1_11	Standard	12.500	3.44	797.637		797.637	12.0	-3.6	NO		NO	bbX
10	10	200702M1_12	Standard	12.500	3.45	640.712		640.712	9.7	-22.6	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.069971
RRF SD: 0.00374143, Relative SD: 5.34711
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	3.46	819.541	10362.601	0.989	14.1	13.0	NO		NO	bb
2	2	200702M1_4	Standard	12.500	3.46	773.177	11755.911	0.822	11.7	-6.0	NO		NO	bb
3	3	200702M1_5	Standard	12.500	3.46	823.025	12090.148	0.851	12.2	-2.7	NO		NO	bb
4	4	200702M1_6	Standard	12.500	3.46	858.391	12073.262	0.889	12.7	1.6	NO		NO	bb
5	5	200702M1_7	Standard	12.500	3.46	870.967	12501.720	0.871	12.4	-0.4	NO		NO	MM
6	6	200702M1_8	Standard	12.500	3.46	827.794	11566.426	0.895	12.8	2.3	NO		NO	bb
7	7	200702M1_9	Standard	12.500	3.45	765.877	11077.247	0.864	12.4	-1.2	NO		NO	bb
8	8	200702M1_10	Standard	12.500	3.45	726.852	10906.657	0.833	11.9	-4.8	NO		NO	bb
9	9	200702M1_11	Standard	12.500	3.44	797.637	11244.693	0.887	12.7	1.4	NO		NO	bb
10	10	200702M1_12	Standard	12.500	3.45	640.712	9460.008	0.847	12.1	-3.2	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 173.314
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	3.16	2306.475		2306.475	13.3	6.5	NO		NO	MMX
2	2	200702M1_4	Standard	12.500	3.17	2310.265		2310.265	13.3	6.6	NO		NO	bbX
3	3	200702M1_5	Standard	12.500	3.16	2290.981		2290.981	13.2	5.7	NO		NO	bbX
4	4	200702M1_6	Standard	12.500	3.16	2252.337		2252.337	13.0	4.0	NO		NO	bbX
5	5	200702M1_7	Standard	12.500	3.17	2375.913		2375.913	13.7	9.7	NO		NO	MMX
6	6	200702M1_8	Standard	12.500	3.16	2166.431		2166.431	12.5	0.0	NO		NO	MM
7	7	200702M1_9	Standard	12.500	3.15	2075.344		2075.344	12.0	-4.2	NO		NO	bbX
8	8	200702M1_10	Standard	12.500	3.15	2006.291		2006.291	11.6	-7.4	NO		NO	MMX
9	9	200702M1_11	Standard	12.500	3.15	1917.261		1917.261	11.1	-11.5	NO		NO	bbX
10	10	200702M1_12	Standard	12.500	3.15	1565.021		1565.021	9.0	-27.8	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.23422
RRF SD: 0.0819166, Relative SD: 6.63714
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	3.16	2306.073	1659.922	17.366	14.1	12.6	NO		NO	MM
2	2	200702M1_4	Standard	12.500	3.17	2310.265	1776.828	16.253	13.2	5.3	NO		NO	bb
3	3	200702M1_5	Standard	12.500	3.16	2298.288	1813.630	15.840	12.8	2.7	NO		NO	bb
4	4	200702M1_6	Standard	12.500	3.16	2266.804	1938.501	14.617	11.8	-5.3	NO		NO	bd
5	5	200702M1_7	Standard	12.500	3.17	2375.941	1847.250	16.078	13.0	4.2	NO		NO	MM
6	6	200702M1_8	Standard	12.500	3.16	2166.490	1804.794	15.005	12.2	-2.7	NO		NO	MM
7	7	200702M1_9	Standard	12.500	3.15	2075.344	1746.926	14.850	12.0	-3.7	NO		NO	bb
8	8	200702M1_10	Standard	12.500	3.15	2006.292	1582.780	15.845	12.8	2.7	NO		NO	MM
9	9	200702M1_11	Standard	12.500	3.15	1917.261	1714.166	13.981	11.3	-9.4	NO		NO	bb
10	10	200702M1_12	Standard	12.500	3.15	1565.021	1354.515	14.443	11.7	-6.4	NO		NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 737.715
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	3.25	8947.024		8947.024	12.1	-3.0	NO		NO	bbX
2	2	200702M1_4	Standard	12.500	3.25	9137.685		9137.685	12.4	-0.9	NO		NO	bbX
3	3	200702M1_5	Standard	12.500	3.25	9101.850		9101.850	12.3	-1.3	NO		NO	MMX
4	4	200702M1_6	Standard	12.500	3.25	9216.087		9216.087	12.5	-0.1	NO		NO	bbX
5	5	200702M1_7	Standard	12.500	3.25	9644.680		9644.680	13.1	4.6	NO		NO	bbX
6	6	200702M1_8	Standard	12.500	3.25	9221.435		9221.435	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	3.24	8837.119		8837.119	12.0	-4.2	NO		NO	bbX
8	8	200702M1_10	Standard	12.500	3.24	8564.947		8564.947	11.6	-7.1	NO		NO	MMX
9	9	200702M1_11	Standard	12.500	3.24	9122.570		9122.570	12.4	-1.1	NO		NO	bbX
10	10	200702M1_12	Standard	12.500	3.24	7437.181		7437.181	10.1	-19.3	NO		NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.791701
RRF SD: 0.0300776, Relative SD: 3.79911
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	3.25	8947.024	10362.601	10.792	13.6	9.1	NO		NO	bb
2	2 200702M1_4	Standard	12.500	3.25	9137.685	11755.911	9.716	12.3	-1.8	NO		NO	bb
3	3 200702M1_5	Standard	12.500	3.25	9101.746	12090.148	9.410	11.9	-4.9	NO		NO	MM
4	4 200702M1_6	Standard	12.500	3.25	9388.117	12073.262	9.720	12.3	-1.8	NO		NO	bb
5	5 200702M1_7	Standard	12.500	3.25	9600.962	12501.720	9.600	12.1	-3.0	NO		NO	bb
6	6 200702M1_8	Standard	12.500	3.25	9221.435	11566.426	9.966	12.6	0.7	NO		NO	bb
7	7 200702M1_9	Standard	12.500	3.24	8837.119	11077.247	9.972	12.6	0.8	NO		NO	bb
8	8 200702M1_10	Standard	12.500	3.24	8566.775	10906.657	9.818	12.4	-0.8	NO		NO	MM
9	9 200702M1_11	Standard	12.500	3.24	9122.570	11244.693	10.141	12.8	2.5	NO		NO	bb
10	10 200702M1_12	Standard	12.500	3.24	7437.181	9460.008	9.827	12.4	-0.7	NO		NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 392.106
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	3.85	5380.783		5380.783	13.7	9.8	NO		NO	bdX
2	2 200702M1_4	Standard	12.500	3.86	5418.931		5418.931	13.8	10.6	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	3.85	5269.454		5269.454	13.4	7.5	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	3.85	5549.514		5549.514	14.2	13.2	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	3.86	5515.142		5515.142	14.1	12.5	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	3.85	4901.322		4901.322	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	3.84	5405.141		5405.141	13.8	10.3	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	3.84	4905.062		4905.062	12.5	0.1	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	3.84	4965.379		4965.379	12.7	1.3	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	3.84	4329.066		4329.066	11.0	-11.7	NO		NO	bdX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.457748
RRF SD: 0.0277792, Relative SD: 6.06865
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	3.85	5380.783	10362.601	6.491	14.2	13.4	NO		NO	bd
2	2 200702M1_4	Standard	12.500	3.86	5418.931	11755.911	5.762	12.6	0.7	NO		NO	bb
3	3 200702M1_5	Standard	12.500	3.85	5269.454	12090.148	5.448	11.9	-4.8	NO		NO	bb
4	4 200702M1_6	Standard	12.500	3.85	5549.514	12073.262	5.746	12.6	0.4	NO		NO	bb
5	5 200702M1_7	Standard	12.500	3.86	5515.142	12501.720	5.514	12.0	-3.6	NO		NO	bb
6	6 200702M1_8	Standard	12.500	3.85	4901.322	11566.426	5.297	11.6	-7.4	NO		NO	bb
7	7 200702M1_9	Standard	12.500	3.84	5405.141	11077.247	6.099	13.3	6.6	NO		NO	bb
8	8 200702M1_10	Standard	12.500	3.84	4905.062	10906.657	5.622	12.3	-1.8	NO		NO	bb
9	9 200702M1_11	Standard	12.500	3.84	4965.379	11244.693	5.520	12.1	-3.5	NO		NO	bb
10	10 200702M1_12	Standard	12.500	3.84	4329.066	9460.008	5.720	12.5	-0.0	NO		NO	bd

Compound name: 13C3-PFHxS-EIS
Response Factor: 258.835
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	3.99	2962.714		2962.714	11.4	-8.4	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	4.00	3059.312		3059.312	11.8	-5.4	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	4.00	3493.333		3493.333	13.5	8.0	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	4.00	3276.635		3276.635	12.7	1.3	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	4.00	3386.875		3386.875	13.1	4.7	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	4.00	3235.438		3235.438	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	3.99	3123.886		3123.886	12.1	-3.4	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	3.99	3067.998		3067.998	11.9	-5.2	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	3.99	3054.598		3054.598	11.8	-5.6	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	3.99	2454.768		2454.768	9.5	-24.1	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 1.80701
RRF SD: 0.0779878, Relative SD: 4.31585
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	3.99	2962.714	1659.922	22.311	12.3	-1.2	NO		NO	bb
2	2 200702M1_4	Standard	12.500	4.00	3059.312	1776.828	21.522	11.9	-4.7	NO		NO	bb
3	3 200702M1_5	Standard	12.500	4.00	3493.333	1813.630	24.077	13.3	6.6	NO		NO	bb
4	4 200702M1_6	Standard	12.500	4.00	3276.635	1938.501	21.129	11.7	-6.5	NO		NO	bb
5	5 200702M1_7	Standard	12.500	4.00	3386.875	1847.250	22.918	12.7	1.5	NO		NO	bb
6	6 200702M1_8	Standard	12.500	4.00	3235.438	1804.794	22.409	12.4	-0.8	NO		NO	bb
7	7 200702M1_9	Standard	12.500	3.99	3123.886	1746.926	22.353	12.4	-1.0	NO		NO	bb
8	8 200702M1_10	Standard	12.500	3.99	3067.998	1582.780	24.230	13.4	7.3	NO		NO	bb
9	9 200702M1_11	Standard	12.500	3.99	3054.598	1714.166	22.275	12.3	-1.4	NO		NO	bb
10	10 200702M1_12	Standard	12.500	3.99	2454.768	1354.515	22.654	12.5	0.3	NO		NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 147.697
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	4.31	1865.509		1865.509	12.6	1.0	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	4.32	1955.466		1955.466	13.2	5.9	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	4.31	1937.689		1937.689	13.1	5.0	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	4.31	1950.546		1950.546	13.2	5.7	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	4.32	1950.553		1950.553	13.2	5.7	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	4.32	1846.209		1846.209	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	4.31	1682.635		1682.635	11.4	-8.9	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	4.31	1639.413		1639.413	11.1	-11.2	NO		NO	MMX
9	9 200702M1_11	Standard	12.500	4.31	1488.514		1488.514	10.1	-19.4	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	4.31	1358.383		1358.383	9.2	-26.4	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.544026
RRF SD: 0.0563464, Relative SD: 10.3573
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	4.31	1865.509	3221.167	7.239	13.3	6.5	NO		NO	bb
2	2	200702M1_4	Standard	12.500	4.32	1955.466	3189.968	7.663	14.1	12.7	NO		NO	bb
3	3	200702M1_5	Standard	12.500	4.31	1937.689	3621.048	6.689	12.3	-1.6	NO		NO	bb
4	4	200702M1_6	Standard	12.500	4.31	1950.546	3718.347	6.557	12.1	-3.6	NO		NO	bb
5	5	200702M1_7	Standard	12.500	4.32	1950.553	3435.647	7.097	13.0	4.4	NO		NO	bb
6	6	200702M1_8	Standard	12.500	4.32	1846.209	2897.497	7.965	14.6	17.1	NO		NO	bb
7	7	200702M1_9	Standard	12.500	4.31	1682.635	3125.887	6.729	12.4	-1.1	NO		NO	bb
8	8	200702M1_10	Standard	12.500	4.31	1639.908	3322.367	6.170	11.3	-9.3	NO		NO	MM
9	9	200702M1_11	Standard	12.500	4.31	1488.514	3282.963	5.668	10.4	-16.7	NO		NO	bb
10	10	200702M1_12	Standard	12.500	4.31	1358.383	2726.486	6.228	11.4	-8.4	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 765.693
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	4.81	9702.200		9702.200	12.7	1.4	NO		NO	bbX
2	2	200702M1_4	Standard	12.500	4.81	9326.117		9326.117	12.2	-2.6	NO		NO	bbX
3	3	200702M1_5	Standard	12.500	4.81	9196.428		9196.428	12.0	-3.9	NO		NO	bbX
4	4	200702M1_6	Standard	12.500	4.81	9958.080		9958.080	13.0	4.0	NO		NO	bbX
5	5	200702M1_7	Standard	12.500	4.81	9857.893		9857.893	12.9	3.0	NO		NO	bbX
6	6	200702M1_8	Standard	12.500	4.81	9571.163		9571.163	12.5	0.0	NO		NO	MM
7	7	200702M1_9	Standard	12.500	4.80	9121.718		9121.718	11.9	-4.7	NO		NO	bbX
8	8	200702M1_10	Standard	12.500	4.80	8409.353		8409.353	11.0	-12.1	NO		NO	bbX
9	9	200702M1_11	Standard	12.500	4.80	9367.952		9367.952	12.2	-2.1	NO		NO	MMX
10	10	200702M1_12	Standard	12.500	4.80	7503.438		7503.438	9.8	-21.6	NO		NO	MMX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.884489
RRF SD: 0.0414025, Relative SD: 4.68095
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	4.81	9702.200	10031.004	12.090	13.7	9.4	NO		NO	bb
2	2	200702M1_4	Standard	12.500	4.81	9326.117	10836.564	10.758	12.2	-2.7	NO		NO	bb
3	3	200702M1_5	Standard	12.500	4.81	9196.428	10451.511	10.999	12.4	-0.5	NO		NO	bb
4	4	200702M1_6	Standard	12.500	4.81	9958.080	10511.769	11.842	13.4	7.1	NO		NO	bb
5	5	200702M1_7	Standard	12.500	4.81	9857.893	11481.532	10.732	12.1	-2.9	NO		NO	bb
6	6	200702M1_8	Standard	12.500	4.81	9571.943	11209.842	10.674	12.1	-3.5	NO		NO	MM
7	7	200702M1_9	Standard	12.500	4.80	9121.718	10418.672	10.944	12.4	-1.0	NO		NO	bb
8	8	200702M1_10	Standard	12.500	4.80	8409.353	9982.665	10.530	11.9	-4.8	NO		NO	bb
9	9	200702M1_11	Standard	12.500	4.80	9367.949	10851.188	10.791	12.2	-2.4	NO		NO	MM
10	10	200702M1_12	Standard	12.500	4.80	7503.068	8372.874	11.201	12.7	1.3	NO		NO	MM

Compound name: 13C8-PFOSA-EIS
Response Factor: 401.869
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	4.85	4674.778		4674.778	11.6	-6.9	NO		NO	bbX
2	2	200702M1_4	Standard	12.500	4.85	4193.885		4193.885	10.4	-16.5	NO		NO	MMX
3	3	200702M1_5	Standard	12.500	4.85	5475.473		5475.473	13.6	9.0	NO		NO	MMX
4	4	200702M1_6	Standard	12.500	4.85	4815.205		4815.205	12.0	-4.1	NO		NO	bbX
5	5	200702M1_7	Standard	12.500	4.85	5773.110		5773.110	14.4	14.9	NO		NO	MMX
6	6	200702M1_8	Standard	12.500	4.85	5023.357		5023.357	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	4.84	5609.872		5609.872	14.0	11.7	NO		NO	MMX
8	8	200702M1_10	Standard	12.500	4.84	4814.640		4814.640	12.0	-4.2	NO		NO	MMX
9	9	200702M1_11	Standard	12.500	4.84	6038.207		6038.207	15.0	20.2	NO		NO	bbX
10	10	200702M1_12	Standard	12.500	4.84	4453.161		4453.161	11.1	-11.4	NO		NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.264983
RRF SD: 0.034859, Relative SD: 13.1552
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	4.85	4674.778	18381.572	3.179	12.0	-4.0	NO		NO	bb
2	2 200702M1_4	Standard	12.500	4.85	4193.759	19371.145	2.706	10.2	-18.3	NO		NO	MM
3	3 200702M1_5	Standard	12.500	4.85	5475.669	21128.164	3.240	12.2	-2.2	NO		NO	MM
4	4 200702M1_6	Standard	12.500	4.85	4815.205	20282.363	2.968	11.2	-10.4	NO		NO	bb
5	5 200702M1_7	Standard	12.500	4.85	5771.676	21931.754	3.290	12.4	-0.7	NO		NO	MM
6	6 200702M1_8	Standard	12.500	4.85	5023.357	21209.895	2.961	11.2	-10.6	NO		NO	bb
7	7 200702M1_9	Standard	12.500	4.84	5609.488	19385.521	3.617	13.7	9.2	NO		NO	MM
8	8 200702M1_10	Standard	12.500	4.84	4815.713	18522.100	3.250	12.3	-1.9	NO		NO	MM
9	9 200702M1_11	Standard	12.500	4.84	6038.207	17848.846	4.229	16.0	27.7	NO		NO	bb
10	10 200702M1_12	Standard	12.500	4.84	4453.161	15106.806	3.685	13.9	11.2	NO		NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 945.717
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	4.37	11426.295		11426.295	12.1	-3.3	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	4.37	12161.891		12161.891	12.9	2.9	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	4.37	12051.017		12051.017	12.7	1.9	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	4.37	13116.190		13116.190	13.9	11.0	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	4.37	12704.070		12704.070	13.4	7.5	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	4.37	11821.460		11821.460	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	4.36	11719.494		11719.494	12.4	-0.9	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	4.36	11080.020		11080.020	11.7	-6.3	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	4.36	11173.728		11173.728	11.8	-5.5	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	4.36	8905.434		8905.434	9.4	-24.7	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 0.600562
RRF SD: 0.022578, Relative SD: 3.75948
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	4.37	11426.295	17744.139	8.049	13.4	7.2	NO		NO	bb
2	2 200702M1_4	Standard	12.500	4.37	12161.891	20170.734	7.537	12.5	0.4	NO		NO	bb
3	3 200702M1_5	Standard	12.500	4.37	12051.017	20707.100	7.275	12.1	-3.1	NO		NO	bb
4	4 200702M1_6	Standard	12.500	4.37	13116.190	21205.762	7.732	12.9	3.0	NO		NO	bb
5	5 200702M1_7	Standard	12.500	4.37	12704.070	22034.537	7.207	12.0	-4.0	NO		NO	bb
6	6 200702M1_8	Standard	12.500	4.37	11821.460	20524.551	7.200	12.0	-4.1	NO		NO	bb
7	7 200702M1_9	Standard	12.500	4.36	11719.494	19015.977	7.704	12.8	2.6	NO		NO	bb
8	8 200702M1_10	Standard	12.500	4.36	11080.020	19169.479	7.225	12.0	-3.8	NO		NO	bb
9	9 200702M1_11	Standard	12.500	4.36	11173.728	18586.660	7.515	12.5	0.1	NO		NO	bb
10	10 200702M1_12	Standard	12.500	4.36	8905.434	14593.277	7.628	12.7	1.6	NO		NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 285.59
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	4.89	3301.613		3301.613	11.6	-7.5	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	4.89	3729.403		3729.403	13.1	4.5	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	4.89	3419.881		3419.881	12.0	-4.2	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	4.89	3579.712		3579.712	12.5	0.3	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	4.89	3723.184		3723.184	13.0	4.3	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	4.89	3569.870		3569.870	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	4.88	3225.428		3225.428	11.3	-9.6	NO		NO	MMX
8	8 200702M1_10	Standard	12.500	4.88	3310.324		3310.324	11.6	-7.3	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	4.88	3433.390		3433.390	12.0	-3.8	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	4.88	2842.132		2842.132	10.0	-20.4	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 1.05336
RRF SD: 0.0888283, Relative SD: 8.43288
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	4.89	3301.613	3221.167	12.812	12.2	-2.7	NO		NO	bb
2	2 200702M1_4	Standard	12.500	4.89	3729.403	3189.968	14.614	13.9	11.0	NO		NO	bb
3	3 200702M1_5	Standard	12.500	4.89	3419.881	3621.048	11.806	11.2	-10.3	NO		NO	bb
4	4 200702M1_6	Standard	12.500	4.89	3579.712	3718.347	12.034	11.4	-8.6	NO		NO	bb
5	5 200702M1_7	Standard	12.500	4.89	3723.184	3435.647	13.546	12.9	2.9	NO		NO	bb
6	6 200702M1_8	Standard	12.500	4.89	3569.870	2897.497	15.401	14.6	17.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	4.88	3225.796	3125.887	12.900	12.2	-2.0	NO		NO	MM
8	8 200702M1_10	Standard	12.500	4.88	3310.324	3322.367	12.455	11.8	-5.4	NO		NO	bb
9	9 200702M1_11	Standard	12.500	4.88	3433.390	3282.963	13.073	12.4	-0.7	NO		NO	bb
10	10 200702M1_12	Standard	12.500	4.88	2842.132	2726.486	13.030	12.4	-1.0	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 807.542
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.18	10643.909		10643.909	13.2	5.4	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	5.18	10708.298		10708.298	13.3	6.1	NO		NO	MMX
3	3 200702M1_5	Standard	12.500	5.18	10081.284		10081.284	12.5	-0.1	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	5.18	10670.214		10670.214	13.2	5.7	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	5.18	10414.344		10414.344	12.9	3.2	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	5.18	10094.275		10094.275	12.5	0.0	NO		NO	MM
7	7 200702M1_9	Standard	12.500	5.17	9965.813		9965.813	12.3	-1.3	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	5.17	9429.376		9429.376	11.7	-6.6	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	5.17	9849.872		9849.872	12.2	-2.4	NO		NO	MMX
10	10 200702M1_12	Standard	12.500	5.17	8088.671		8088.671	10.0	-19.9	NO		NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 0.713481
RRF SD: 0.0544478, Relative SD: 7.63129
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.18	10643.909	12677.857	10.495	14.7	17.7	NO		NO	bb
2	2 200702M1_4	Standard	12.500	5.18	10707.101	15387.318	8.698	12.2	-2.5	NO		NO	MM
3	3 200702M1_5	Standard	12.500	5.18	10081.284	14497.227	8.692	12.2	-2.5	NO		NO	bb
4	4 200702M1_6	Standard	12.500	5.18	10670.214	15630.567	8.533	12.0	-4.3	NO		NO	bb
5	5 200702M1_7	Standard	12.500	5.18	10414.344	15762.248	8.259	11.6	-7.4	NO		NO	bb
6	6 200702M1_8	Standard	12.500	5.18	10093.067	14998.047	8.412	11.8	-5.7	NO		NO	MM
7	7 200702M1_9	Standard	12.500	5.17	9965.813	13473.467	9.246	13.0	3.7	NO		NO	bb
8	8 200702M1_10	Standard	12.500	5.17	9429.376	13837.973	8.518	11.9	-4.5	NO		NO	bb
9	9 200702M1_11	Standard	12.500	5.17	9850.411	12843.080	9.587	13.4	7.5	NO		NO	MM
10	10 200702M1_12	Standard	12.500	5.17	8088.671	11561.429	8.745	12.3	-1.9	NO		NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 174.248
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.15	2242.257		2242.257	12.9	2.9	NO		NO	MMX
2	2 200702M1_4	Standard	12.500	5.15	2082.594		2082.594	12.0	-4.4	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	5.15	1922.703		1922.703	11.0	-11.7	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	5.15	2230.260		2230.260	12.8	2.4	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	5.15	2235.358		2235.358	12.8	2.6	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	5.15	2178.098		2178.098	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.14	2110.645		2110.645	12.1	-3.1	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	5.14	1733.011		1733.011	9.9	-20.4	NO		NO	MMX
9	9 200702M1_11	Standard	12.500	5.14	2047.705		2047.705	11.8	-6.0	NO		NO	MMX
10	10 200702M1_12	Standard	12.500	5.14	1737.718		1737.718	10.0	-20.2	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.634032
RRF SD: 0.0703422, Relative SD: 11.0944
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.15	2242.144	3221.167	8.701	13.7	9.8	NO		NO	MM
2	2 200702M1_4	Standard	12.500	5.15	2082.594	3189.968	8.161	12.9	3.0	NO		NO	bb
3	3 200702M1_5	Standard	12.500	5.15	1922.703	3621.048	6.637	10.5	-16.3	NO		NO	bb
4	4 200702M1_6	Standard	12.500	5.15	2230.260	3718.347	7.497	11.8	-5.4	NO		NO	bb
5	5 200702M1_7	Standard	12.500	5.15	2235.358	3435.647	8.133	12.8	2.6	NO		NO	bb
6	6 200702M1_8	Standard	12.500	5.15	2178.098	2897.497	9.396	14.8	18.6	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.14	2110.645	3125.887	8.440	13.3	6.5	NO		NO	bb
8	8 200702M1_10	Standard	12.500	5.14	1733.498	3322.367	6.522	10.3	-17.7	NO		NO	MM
9	9 200702M1_11	Standard	12.500	5.14	2048.377	3282.963	7.799	12.3	-1.6	NO		NO	MM
10	10 200702M1_12	Standard	12.500	5.14	1737.718	2726.486	7.967	12.6	0.5	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 800.491
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.32	8632.409		8632.409	10.8	-13.7	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	5.33	9612.824		9612.824	12.0	-3.9	NO		NO	MMX
3	3 200702M1_5	Standard	12.500	5.33	9899.229		9899.229	12.4	-1.1	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	5.32	10342.832		10342.832	12.9	3.4	NO		NO	MMX
5	5 200702M1_7	Standard	12.500	5.33	10343.994		10343.994	12.9	3.4	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	5.32	10006.143		10006.143	12.5	0.0	NO		NO	MM
7	7 200702M1_9	Standard	12.500	5.32	9103.992		9103.992	11.4	-9.0	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	5.32	8803.125		8803.125	11.0	-12.0	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	5.32	9731.813		9731.813	12.2	-2.7	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	5.32	8486.075		8486.075	10.6	-15.2	NO		NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.493973
RRF SD: 0.0344134, Relative SD: 6.96665
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.32	8632.409	18381.572	5.870	11.9	-4.9	NO		NO	bb
2	2 200702M1_4	Standard	12.500	5.33	9614.087	19371.145	6.204	12.6	0.5	NO		NO	MM
3	3 200702M1_5	Standard	12.500	5.33	9899.229	21128.164	5.857	11.9	-5.2	NO		NO	bb
4	4 200702M1_6	Standard	12.500	5.32	10344.259	20282.363	6.375	12.9	3.2	NO		NO	MM
5	5 200702M1_7	Standard	12.500	5.33	10343.994	21931.754	5.896	11.9	-4.5	NO		NO	bb
6	6 200702M1_8	Standard	12.500	5.32	10005.258	21209.895	5.897	11.9	-4.5	NO		NO	MM
7	7 200702M1_9	Standard	12.500	5.32	9103.992	19385.521	5.870	11.9	-4.9	NO		NO	bb
8	8 200702M1_10	Standard	12.500	5.32	8803.125	18522.100	5.941	12.0	-3.8	NO		NO	bb
9	9 200702M1_11	Standard	12.500	5.32	9731.813	17848.846	6.815	13.8	10.4	NO		NO	bb
10	10 200702M1_12	Standard	12.500	5.32	8486.075	15106.806	7.022	14.2	13.7	NO		NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1387.37
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.50	17276.043		17276.043	12.5	-0.4	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	5.50	17518.385		17518.385	12.6	1.0	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	5.50	16276.486		16276.486	11.7	-6.1	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	5.50	16651.486		16651.486	12.0	-4.0	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	5.50	17958.865		17958.865	12.9	3.6	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	5.50	17342.145		17342.145	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.50	16404.307		16404.307	11.8	-5.4	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	5.50	15874.604		15874.604	11.4	-8.5	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	5.50	16555.564		16555.564	11.9	-4.5	NO		NO	MMX
10	10 200702M1_12	Standard	12.500	5.50	13520.125		13520.125	9.7	-22.0	NO		NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 0.859771
RRF SD: 0.0551274, Relative SD: 6.41187
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	5.50	17276.043	18381.572	11.748	13.7	9.3	NO		NO	bb
2	2	200702M1_4	Standard	12.500	5.50	17518.385	19371.145	11.304	13.1	5.2	NO		NO	bb
3	3	200702M1_5	Standard	12.500	5.50	16276.486	21128.164	9.630	11.2	-10.4	NO		NO	bb
4	4	200702M1_6	Standard	12.500	5.50	16651.486	20282.363	10.262	11.9	-4.5	NO		NO	bb
5	5	200702M1_7	Standard	12.500	5.50	17958.865	21931.754	10.236	11.9	-4.8	NO		NO	bb
6	6	200702M1_8	Standard	12.500	5.50	17342.145	21209.895	10.221	11.9	-4.9	NO		NO	bb
7	7	200702M1_9	Standard	12.500	5.50	16404.307	19385.521	10.578	12.3	-1.6	NO		NO	bb
8	8	200702M1_10	Standard	12.500	5.50	15874.604	18522.100	10.713	12.5	-0.3	NO		NO	bb
9	9	200702M1_11	Standard	12.500	5.50	16553.016	17848.846	11.592	13.5	7.9	NO		NO	MM
10	10	200702M1_12	Standard	12.500	5.50	13520.125	15106.806	11.187	13.0	4.1	NO		NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 714.432
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	5.48	8643.795		8643.795	12.1	-3.2	NO		NO	MMX
2	2	200702M1_4	Standard	12.500	5.49	8495.664		8495.664	11.9	-4.9	NO		NO	bbX
3	3	200702M1_5	Standard	12.500	5.48	7952.778		7952.778	11.1	-10.9	NO		NO	bbX
4	4	200702M1_6	Standard	12.500	5.48	8671.252		8671.252	12.1	-2.9	NO		NO	bbX
5	5	200702M1_7	Standard	12.500	5.48	8855.094		8855.094	12.4	-0.8	NO		NO	bbX
6	6	200702M1_8	Standard	12.500	5.48	8930.399		8930.399	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	5.48	7374.653		7374.653	10.3	-17.4	NO		NO	bbX
8	8	200702M1_10	Standard	12.500	5.48	7960.781		7960.781	11.1	-10.9	NO		NO	MMX
9	9	200702M1_11	Standard	12.500	5.48	7739.743		7739.743	10.8	-13.3	NO		NO	bbX
10	10	200702M1_12	Standard	12.500	5.48	5982.484		5982.484	8.4	-33.0	NO		NO	MMX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.417738
RRF SD: 0.0288028, Relative SD: 6.89495
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.48	8644.141	18381.572	5.878	14.1	12.6	NO		NO	MM
2	2 200702M1_4	Standard	12.500	5.49	8495.664	19371.145	5.482	13.1	5.0	NO		NO	bb
3	3 200702M1_5	Standard	12.500	5.48	7952.778	21128.164	4.705	11.3	-9.9	NO		NO	bb
4	4 200702M1_6	Standard	12.500	5.48	8671.252	20282.363	5.344	12.8	2.3	NO		NO	bb
5	5 200702M1_7	Standard	12.500	5.48	8855.094	21931.754	5.047	12.1	-3.3	NO		NO	bb
6	6 200702M1_8	Standard	12.500	5.48	8930.399	21209.895	5.263	12.6	0.8	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.48	7374.653	19385.521	4.755	11.4	-8.9	NO		NO	bb
8	8 200702M1_10	Standard	12.500	5.48	7960.272	18522.100	5.372	12.9	2.9	NO		NO	MM
9	9 200702M1_11	Standard	12.500	5.48	7739.743	17848.846	5.420	13.0	3.8	NO		NO	bb
10	10 200702M1_12	Standard	12.500	5.48	5982.062	15106.806	4.950	11.8	-5.2	NO		NO	MM

Compound name: 13C2-PFDoA-EIS
Response Factor: 1554.82
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.79	18507.744		18507.744	11.9	-4.8	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	5.78	19296.799		19296.799	12.4	-0.7	NO		NO	MMX
3	3 200702M1_5	Standard	12.500	5.78	18713.813		18713.813	12.0	-3.7	NO		NO	MMX
4	4 200702M1_6	Standard	12.500	5.79	19556.580		19556.580	12.6	0.6	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	5.79	19836.184		19836.184	12.8	2.1	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	5.78	19435.301		19435.301	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.78	18041.871		18041.871	11.6	-7.2	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	5.78	17955.873		17955.873	11.5	-7.6	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	5.78	18743.617		18743.617	12.1	-3.6	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	5.78	14798.555		14798.555	9.5	-23.9	NO		NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.31761
RRF SD: 0.0796401, Relative SD: 6.04428
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.79	18507.744	12677.857	18.248	13.8	10.8	NO		NO	bb
2	2 200702M1_4	Standard	12.500	5.78	19298.260	15387.318	15.677	11.9	-4.8	NO		NO	MM
3	3 200702M1_5	Standard	12.500	5.78	18714.779	14497.227	16.137	12.2	-2.0	NO		NO	MM
4	4 200702M1_6	Standard	12.500	5.79	19556.580	15630.567	15.640	11.9	-5.0	NO		NO	bb
5	5 200702M1_7	Standard	12.500	5.79	19672.287	15762.248	15.601	11.8	-5.3	NO		NO	bb
6	6 200702M1_8	Standard	12.500	5.78	19435.301	14998.047	16.198	12.3	-1.7	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.78	18041.871	13473.467	16.738	12.7	1.6	NO		NO	bb
8	8 200702M1_10	Standard	12.500	5.78	17955.873	13837.973	16.220	12.3	-1.5	NO		NO	bb
9	9 200702M1_11	Standard	12.500	5.78	18743.617	12843.080	18.243	13.8	10.8	NO		NO	bb
10	10 200702M1_12	Standard	12.500	5.78	14798.555	11561.429	16.000	12.1	-2.9	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 130.146
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.77	1538.276		1538.276	11.8	-5.4	NO		NO	MMX
2	2 200702M1_4	Standard	12.500	5.77	1338.547		1338.547	10.3	-17.7	NO		NO	bbX
3	3 200702M1_5	Standard	12.500	5.77	1447.675		1447.675	11.1	-11.0	NO		NO	MMX
4	4 200702M1_6	Standard	12.500	5.77	1651.239		1651.239	12.7	1.5	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	5.77	1518.163		1518.163	11.7	-6.7	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	5.77	1626.820		1626.820	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.77	1493.771		1493.771	11.5	-8.2	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	5.77	1362.617		1362.617	10.5	-16.2	NO		NO	bbX
9	9 200702M1_11	Standard	12.500	5.77	1337.879		1337.879	10.3	-17.8	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	5.77	1112.29		1112.29	8.5	-31.6	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.444749
RRF SD: 0.0499124, Relative SD: 11.2226
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	5.77	1538.195	3221.167	5.969	13.4	7.4	NO		NO	MM
2	2 200702M1_4	Standard	12.500	5.77	1338.547	3189.968	5.245	11.8	-5.7	NO		NO	bb
3	3 200702M1_5	Standard	12.500	5.77	1446.724	3621.048	4.994	11.2	-10.2	NO		NO	MM
4	4 200702M1_6	Standard	12.500	5.77	1651.239	3718.347	5.551	12.5	-0.2	NO		NO	bb
5	5 200702M1_7	Standard	12.500	5.77	1518.163	3435.647	5.524	12.4	-0.6	NO		NO	bb
6	6 200702M1_8	Standard	12.500	5.77	1626.820	2897.497	7.018	15.8	26.2	NO		NO	bb
7	7 200702M1_9	Standard	12.500	5.77	1493.771	3125.887	5.973	13.4	7.4	NO		NO	bb
8	8 200702M1_10	Standard	12.500	5.77	1362.617	3322.367	5.127	11.5	-7.8	NO		NO	bb
9	9 200702M1_11	Standard	12.500	5.77	1337.879	3282.963	5.094	11.5	-8.4	NO		NO	bb
10	10 200702M1_12	Standard	12.500	5.77	1112.060	2726.486	5.098	11.5	-8.3	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 74.5779
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	149.200	5.74	10746.463		10746.463	144.1	-3.4	NO		NO	bbX
2	2 200702M1_4	Standard	149.200	5.75	11042.565		11042.565	148.1	-0.8	NO		NO	MMX
3	3 200702M1_5	Standard	149.200	5.74	10728.712		10728.712	143.9	-3.6	NO		NO	bbX
4	4 200702M1_6	Standard	149.200	5.74	12376.913		12376.913	166.0	11.2	NO		NO	MMX
5	5 200702M1_7	Standard	149.200	5.74	10943.128		10943.128	146.7	-1.7	NO		NO	bbX
6	6 200702M1_8	Standard	149.200	5.74	11127.025		11127.025	149.2	0.0	NO		NO	bb
7	7 200702M1_9	Standard	149.200	5.73	11868.003		11868.003	159.1	6.7	NO		NO	bdX
8	8 200702M1_10	Standard	149.200	5.73	11410.876		11410.876	153.0	2.6	NO		NO	bbX
9	9 200702M1_11	Standard	149.200	5.73	12006.353		12006.353	161.0	7.9	NO		NO	bbX
10	10 200702M1_12	Standard	149.200	5.73	9989.589		9989.589	133.9	-10.2	NO		NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0490815
RRF SD: 0.00507864, Relative SD: 10.3474
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	149.200	5.74	10746.463	18381.572	7.308	148.9	-0.2	NO		NO	bb
2	2	200702M1_4	Standard	149.200	5.75	11040.820	19371.145	7.125	145.2	-2.7	NO		NO	MM
3	3	200702M1_5	Standard	149.200	5.74	10728.712	21128.164	6.347	129.3	-13.3	NO		NO	bb
4	4	200702M1_6	Standard	149.200	5.74	12376.248	20282.363	7.627	155.4	4.2	NO		NO	MM
5	5	200702M1_7	Standard	149.200	5.74	10943.128	21931.754	6.237	127.1	-14.8	NO		NO	bb
6	6	200702M1_8	Standard	149.200	5.74	11127.025	21209.895	6.558	133.6	-10.5	NO		NO	bb
7	7	200702M1_9	Standard	149.200	5.73	11868.003	19385.521	7.653	155.9	4.5	NO		NO	bd
8	8	200702M1_10	Standard	149.200	5.73	11410.876	18522.100	7.701	156.9	5.2	NO		NO	bb
9	9	200702M1_11	Standard	149.200	5.73	12006.353	17848.846	8.408	171.3	14.8	NO		NO	bb
10	10	200702M1_12	Standard	149.200	5.73	9989.589	15106.806	8.266	168.4	12.9	NO		NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1013.65
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	6.23	12338.607		12338.607	12.2	-2.6	NO		NO	bbX
2	2	200702M1_4	Standard	12.500	6.23	12214.524		12214.524	12.1	-3.6	NO		NO	bbX
3	3	200702M1_5	Standard	12.500	6.23	12710.383		12710.383	12.5	0.3	NO		NO	bbX
4	4	200702M1_6	Standard	12.500	6.24	12565.461		12565.461	12.4	-0.8	NO		NO	bbX
5	5	200702M1_7	Standard	12.500	6.24	13321.408		13321.408	13.1	5.1	NO		NO	MMX
6	6	200702M1_8	Standard	12.500	6.24	12670.626		12670.626	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	6.23	11108.208		11108.208	11.0	-12.3	NO		NO	bbX
8	8	200702M1_10	Standard	12.500	6.24	11316.374		11316.374	11.2	-10.7	NO		NO	bbX
9	9	200702M1_11	Standard	12.500	6.23	12398.616		12398.616	12.2	-2.1	NO		NO	bbX
10	10	200702M1_12	Standard	12.500	6.23	10631.917		10631.917	10.5	-16.1	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 0.63101
RRF SD: 0.0439895, Relative SD: 6.97128
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	6.23	12338.607	18381.572	8.391	13.3	6.4	NO		NO	bb
2	2 200702M1_4	Standard	12.500	6.23	12214.524	19371.145	7.882	12.5	-0.1	NO		NO	bb
3	3 200702M1_5	Standard	12.500	6.23	12710.383	21128.164	7.520	11.9	-4.7	NO		NO	bb
4	4 200702M1_6	Standard	12.500	6.24	12565.461	20282.363	7.744	12.3	-1.8	NO		NO	bb
5	5 200702M1_7	Standard	12.500	6.24	13321.110	21931.754	7.592	12.0	-3.7	NO		NO	MM
6	6 200702M1_8	Standard	12.500	6.24	12670.626	21209.895	7.467	11.8	-5.3	NO		NO	bb
7	7 200702M1_9	Standard	12.500	6.23	11108.208	19385.521	7.163	11.4	-9.2	NO		NO	bb
8	8 200702M1_10	Standard	12.500	6.24	11316.374	18522.100	7.637	12.1	-3.2	NO		NO	bb
9	9 200702M1_11	Standard	12.500	6.23	12398.616	17848.846	8.683	13.8	10.1	NO		NO	bb
10	10 200702M1_12	Standard	12.500	6.23	10631.917	15106.806	8.797	13.9	11.5	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 110.195
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	149.200	6.15	15423.255		15423.255	140.0	-6.2	NO		NO	bbX
2	2 200702M1_4	Standard	149.200	6.15	15737.846		15737.846	142.8	-4.3	NO		NO	bbX
3	3 200702M1_5	Standard	149.200	6.15	16153.712		16153.712	146.6	-1.7	NO		NO	bbX
4	4 200702M1_6	Standard	149.200	6.15	17621.404		17621.404	159.9	7.2	NO		NO	MMX
5	5 200702M1_7	Standard	149.200	6.15	16955.598		16955.598	153.9	3.1	NO		NO	bbX
6	6 200702M1_8	Standard	149.200	6.15	16441.047		16441.047	149.2	0.0	NO		NO	bb
7	7 200702M1_9	Standard	149.200	6.14	16696.471		16696.471	151.5	1.6	NO		NO	MMX
8	8 200702M1_10	Standard	149.200	6.14	16057.009		16057.009	145.7	-2.3	NO		NO	bbX
9	9 200702M1_11	Standard	149.200	6.14	16194.398		16194.398	147.0	-1.5	NO		NO	bbX
10	10 200702M1_12	Standard	149.200	6.14	13954.306		13954.306	126.6	-15.1	NO		NO	MMX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.0703097
RRF SD: 0.00472836, Relative SD: 6.72505
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	149.200	6.15	15423.255	18381.572	10.488	149.2	-0.0	NO		NO	bb
2	2 200702M1_4	Standard	149.200	6.15	15737.846	19371.145	10.155	144.4	-3.2	NO		NO	bb
3	3 200702M1_5	Standard	149.200	6.15	16153.712	21128.164	9.557	135.9	-8.9	NO		NO	bb
4	4 200702M1_6	Standard	149.200	6.15	17621.691	20282.363	10.860	154.5	3.5	NO		NO	MM
5	5 200702M1_7	Standard	149.200	6.15	16955.598	21931.754	9.664	137.4	-7.9	NO		NO	bb
6	6 200702M1_8	Standard	149.200	6.15	16441.047	21209.895	9.689	137.8	-7.6	NO		NO	bb
7	7 200702M1_9	Standard	149.200	6.14	16691.969	19385.521	10.763	153.1	2.6	NO		NO	MM
8	8 200702M1_10	Standard	149.200	6.14	16057.009	18522.100	10.836	154.1	3.3	NO		NO	bb
9	9 200702M1_11	Standard	149.200	6.14	16194.398	17848.846	11.341	161.3	8.1	NO		NO	bb
10	10 200702M1_12	Standard	149.200	6.14	13954.885	15106.806	11.547	164.2	10.1	NO		NO	MM

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1480.43
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	6.53	17216.680		17216.680	11.6	-7.0	NO		NO	bbX
2	2 200702M1_4	Standard	12.500	6.54	18875.381		18875.381	12.7	2.0	NO		NO	MMX
3	3 200702M1_5	Standard	12.500	6.54	18282.139		18282.139	12.3	-1.2	NO		NO	bbX
4	4 200702M1_6	Standard	12.500	6.53	18918.041		18918.041	12.8	2.2	NO		NO	bbX
5	5 200702M1_7	Standard	12.500	6.54	18354.053		18354.053	12.4	-0.8	NO		NO	bbX
6	6 200702M1_8	Standard	12.500	6.54	18505.379		18505.379	12.5	0.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	6.54	17355.299		17355.299	11.7	-6.2	NO		NO	bbX
8	8 200702M1_10	Standard	12.500	6.54	17666.744		17666.744	11.9	-4.5	NO		NO	MMX
9	9 200702M1_11	Standard	12.500	6.54	17784.490		17784.490	12.0	-3.9	NO		NO	bbX
10	10 200702M1_12	Standard	12.500	6.54	15357.880		15357.880	10.4	-17.0	NO		NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 0.92805
RRF SD: 0.0594769, Relative SD: 6.4088
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	12.500	6.53	17216.680	18381.572	11.708	12.6	0.9	NO		NO	bb
2	2 200702M1_4	Standard	12.500	6.54	18876.229	19371.145	12.181	13.1	5.0	NO		NO	MM
3	3 200702M1_5	Standard	12.500	6.54	18282.139	21128.164	10.816	11.7	-6.8	NO		NO	bb
4	4 200702M1_6	Standard	12.500	6.53	18918.041	20282.363	11.659	12.6	0.5	NO		NO	bb
5	5 200702M1_7	Standard	12.500	6.54	18354.053	21931.754	10.461	11.3	-9.8	NO		NO	bb
6	6 200702M1_8	Standard	12.500	6.54	18505.379	21209.895	10.906	11.8	-6.0	NO		NO	bb
7	7 200702M1_9	Standard	12.500	6.54	17355.299	19385.521	11.191	12.1	-3.5	NO		NO	bb
8	8 200702M1_10	Standard	12.500	6.54	17665.383	18522.100	11.922	12.8	2.8	NO		NO	MM
9	9 200702M1_11	Standard	12.500	6.54	17784.490	17848.846	12.455	13.4	7.4	NO		NO	bb
10	10 200702M1_12	Standard	12.500	6.54	15357.880	15106.806	12.708	13.7	9.5	NO		NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 62.9802
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	149.200	6.32	8135.916		8135.916	129.2	-13.4	NO		NO	bbX
2	2 200702M1_4	Standard	149.200	6.32	9178.000		9178.000	145.7	-2.3	NO		NO	MMX
3	3 200702M1_5	Standard	149.200	6.32	8707.337		8707.337	138.3	-7.3	NO		NO	bbX
4	4 200702M1_6	Standard	149.200	6.32	9571.042		9571.042	152.0	1.9	NO		NO	bbX
5	5 200702M1_7	Standard	149.200	6.32	8696.145		8696.145	138.1	-7.5	NO		NO	bbX
6	6 200702M1_8	Standard	149.200	6.32	9396.646		9396.646	149.2	0.0	NO		NO	bb
7	7 200702M1_9	Standard	149.200	6.32	9658.537		9658.537	153.4	2.8	NO		NO	bdX
8	8 200702M1_10	Standard	149.200	6.32	9188.873		9188.873	145.9	-2.2	NO		NO	bbX
9	9 200702M1_11	Standard	149.200	6.32	10714.033		10714.033	170.1	14.0	NO		NO	bdX
10	10 200702M1_12	Standard	149.200	6.32	9436.847		9436.847	149.8	0.4	NO		NO	bdX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.0407108
RRF SD: 0.00624976, Relative SD: 15.3516
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	149.200	6.32	8135.916	18381.572	5.533	135.9	-8.9	NO		NO	bb
2	2 200702M1_4	Standard	149.200	6.32	9178.033	19371.145	5.922	145.5	-2.5	NO		NO	MM
3	3 200702M1_5	Standard	149.200	6.32	8707.337	21128.164	5.151	126.5	-15.2	NO		NO	bb
4	4 200702M1_6	Standard	149.200	6.32	9571.042	20282.363	5.899	144.9	-2.9	NO		NO	bb
5	5 200702M1_7	Standard	149.200	6.32	8696.145	21931.754	4.956	121.7	-18.4	NO		NO	bb
6	6 200702M1_8	Standard	149.200	6.32	9396.646	21209.895	5.538	136.0	-8.8	NO		NO	bb
7	7 200702M1_9	Standard	149.200	6.32	9658.537	19385.521	6.228	153.0	2.5	NO		NO	bd
8	8 200702M1_10	Standard	149.200	6.32	9188.873	18522.100	6.201	152.3	2.1	NO		NO	bb
9	9 200702M1_11	Standard	149.200	6.32	10714.033	17848.846	7.503	184.3	23.5	NO		NO	bd
10	10 200702M1_12	Standard	149.200	6.32	9436.847	15106.806	7.808	191.8	28.6	NO		NO	bd

Compound name: d9-N-EtFOSE-EIS
Response Factor: 64.9565
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200702M1_3	Standard	149.200	6.46	8702.021		8702.021	134.0	-10.2	NO		NO	bbX
2	2 200702M1_4	Standard	149.200	6.46	8944.479		8944.479	137.7	-7.7	NO		NO	bbX
3	3 200702M1_5	Standard	149.200	6.46	9435.428		9435.428	145.3	-2.6	NO		NO	MMX
4	4 200702M1_6	Standard	149.200	6.46	10276.957		10276.957	158.2	6.0	NO		NO	bbX
5	5 200702M1_7	Standard	149.200	6.46	9485.280		9485.280	146.0	-2.1	NO		NO	bbX
6	6 200702M1_8	Standard	149.200	6.46	9691.512		9691.512	149.2	0.0	NO		NO	bb
7	7 200702M1_9	Standard	149.200	6.46	10030.112		10030.112	154.4	3.5	NO		NO	bbX
8	8 200702M1_10	Standard	149.200	6.46	9879.362		9879.362	152.1	1.9	NO		NO	bbX
9	9 200702M1_11	Standard	149.200	6.46	11539.363		11539.363	177.6	19.1	NO		NO	bbX
10	10 200702M1_12	Standard	149.200	6.46	9548.349		9548.349	147.0	-1.5	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.04287
RRF SD: 0.00619512, Relative SD: 14.451
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	149.200	6.46	8702.021	18381.572	5.918	138.0	-7.5	NO		NO	bb
2	2	200702M1_4	Standard	149.200	6.46	8944.479	19371.145	5.772	134.6	-9.8	NO		NO	bb
3	3	200702M1_5	Standard	149.200	6.46	9436.378	21128.164	5.583	130.2	-12.7	NO		NO	MM
4	4	200702M1_6	Standard	149.200	6.46	10276.957	20282.363	6.334	147.7	-1.0	NO		NO	bb
5	5	200702M1_7	Standard	149.200	6.46	9698.386	21931.754	5.528	128.9	-13.6	NO		NO	bd
6	6	200702M1_8	Standard	149.200	6.46	9691.512	21209.895	5.712	133.2	-10.7	NO		NO	bb
7	7	200702M1_9	Standard	149.200	6.46	10030.112	19385.521	6.468	150.9	1.1	NO		NO	bb
8	8	200702M1_10	Standard	149.200	6.46	9879.362	18522.100	6.667	155.5	4.2	NO		NO	bb
9	9	200702M1_11	Standard	149.200	6.46	11539.363	17848.846	8.081	188.5	26.3	NO		NO	bb
10	10	200702M1_12	Standard	149.200	6.46	9548.349	15106.806	7.901	184.3	23.5	NO		NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	1.46	4381.807	4381.807	12.500	12.5	0.0	NO		NO	MM
2	2	200702M1_4	Standard	12.500	1.47	4418.920	4418.920	12.500	12.5	0.0	NO		NO	MM
3	3	200702M1_5	Standard	12.500	1.46	4629.622	4629.622	12.500	12.5	0.0	NO		NO	MM
4	4	200702M1_6	Standard	12.500	1.46	4637.417	4637.417	12.500	12.5	0.0	NO		NO	MM
5	5	200702M1_7	Standard	12.500	1.46	4844.823	4844.823	12.500	12.5	0.0	NO		NO	MM
6	6	200702M1_8	Standard	12.500	1.46	4559.603	4559.603	12.500	12.5	0.0	NO		NO	MM
7	7	200702M1_9	Standard	12.500	1.45	4637.309	4637.309	12.500	12.5	0.0	NO		NO	MM
8	8	200702M1_10	Standard	12.500	1.44	4544.573	4544.573	12.500	12.5	0.0	NO		NO	MM
9	9	200702M1_11	Standard	12.500	1.45	4740.885	4740.885	12.500	12.5	0.0	NO		NO	MM
10	10	200702M1_12	Standard	12.500	1.44	4302.481	4302.481	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	3.25	10362.601	10362.601	12.500	12.5	0.0	NO		NO	bb
2	2	200702M1_4	Standard	12.500	3.25	11755.911	11755.911	12.500	12.5	0.0	NO		NO	bb
3	3	200702M1_5	Standard	12.500	3.25	12090.148	12090.148	12.500	12.5	0.0	NO		NO	MM
4	4	200702M1_6	Standard	12.500	3.25	12073.262	12073.262	12.500	12.5	0.0	NO		NO	bb
5	5	200702M1_7	Standard	12.500	3.25	12501.720	12501.720	12.500	12.5	0.0	NO		NO	MM
6	6	200702M1_8	Standard	12.500	3.25	11566.426	11566.426	12.500	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	3.24	11077.247	11077.247	12.500	12.5	0.0	NO		NO	bb
8	8	200702M1_10	Standard	12.500	3.24	10906.657	10906.657	12.500	12.5	0.0	NO		NO	bb
9	9	200702M1_11	Standard	12.500	3.24	11244.693	11244.693	12.500	12.5	0.0	NO		NO	bb
10	10	200702M1_12	Standard	12.500	3.23	9460.008	9460.008	12.500	12.5	0.0	NO		NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 1.11022e-016, Relative SD: 1.11022e-014
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	3.99	1659.922	1659.922	12.500	12.5	0.0	NO		NO	bb
2	2	200702M1_4	Standard	12.500	4.00	1776.828	1776.828	12.500	12.5	0.0	NO		NO	MM
3	3	200702M1_5	Standard	12.500	4.00	1813.630	1813.630	12.500	12.5	0.0	NO		NO	bb
4	4	200702M1_6	Standard	12.500	4.00	1938.501	1938.501	12.500	12.5	0.0	NO		NO	bb
5	5	200702M1_7	Standard	12.500	4.00	1847.250	1847.250	12.500	12.5	0.0	NO		NO	bb
6	6	200702M1_8	Standard	12.500	4.00	1804.794	1804.794	12.500	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	3.99	1746.926	1746.926	12.500	12.5	0.0	NO		NO	bb
8	8	200702M1_10	Standard	12.500	3.99	1582.780	1582.780	12.500	12.5	0.0	NO		NO	bb
9	9	200702M1_11	Standard	12.500	3.99	1714.166	1714.166	12.500	12.5	0.0	NO		NO	bb
10	10	200702M1_12	Standard	12.500	3.99	1354.515	1354.515	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	4.37	17744.139	17744.139	12.500	12.5	0.0	NO		NO	bb
2	2	200702M1_4	Standard	12.500	4.37	20170.734	20170.734	12.500	12.5	0.0	NO		NO	bb
3	3	200702M1_5	Standard	12.500	4.37	20707.100	20707.100	12.500	12.5	0.0	NO		NO	bb
4	4	200702M1_6	Standard	12.500	4.37	21205.762	21205.762	12.500	12.5	0.0	NO		NO	bb
5	5	200702M1_7	Standard	12.500	4.37	22034.537	22034.537	12.500	12.5	0.0	NO		NO	bb
6	6	200702M1_8	Standard	12.500	4.37	20524.551	20524.551	12.500	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	4.36	19015.977	19015.977	12.500	12.5	0.0	NO		NO	bb
8	8	200702M1_10	Standard	12.500	4.36	19169.479	19169.479	12.500	12.5	0.0	NO		NO	bb
9	9	200702M1_11	Standard	12.500	4.36	18586.660	18586.660	12.500	12.5	0.0	NO		NO	bb
10	10	200702M1_12	Standard	12.500	4.36	14593.277	14593.277	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	4.81	10031.004	10031.004	12.500	12.5	0.0	NO		NO	bb
2	2	200702M1_4	Standard	12.500	4.81	10836.564	10836.564	12.500	12.5	0.0	NO		NO	bb
3	3	200702M1_5	Standard	12.500	4.81	10451.511	10451.511	12.500	12.5	0.0	NO		NO	bb
4	4	200702M1_6	Standard	12.500	4.81	10511.769	10511.769	12.500	12.5	0.0	NO		NO	bb
5	5	200702M1_7	Standard	12.500	4.81	11481.532	11481.532	12.500	12.5	0.0	NO		NO	bb
6	6	200702M1_8	Standard	12.500	4.81	11209.842	11209.842	12.500	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	4.80	10418.672	10418.672	12.500	12.5	0.0	NO		NO	bb
8	8	200702M1_10	Standard	12.500	4.79	9982.665	9982.665	12.500	12.5	0.0	NO		NO	bb
9	9	200702M1_11	Standard	12.500	4.80	10851.188	10851.188	12.500	12.5	0.0	NO		NO	bb
10	10	200702M1_12	Standard	12.500	4.80	8372.874	8372.874	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200702M1_3	Standard	12.500	4.89	3221.167	3221.167	12.500	12.5	0.0	NO		NO	bb
2	2	200702M1_4	Standard	12.500	4.89	3189.968	3189.968	12.500	12.5	0.0	NO		NO	bb
3	3	200702M1_5	Standard	12.500	4.89	3621.048	3621.048	12.500	12.5	0.0	NO		NO	bb
4	4	200702M1_6	Standard	12.500	4.89	3718.347	3718.347	12.500	12.5	0.0	NO		NO	bb
5	5	200702M1_7	Standard	12.500	4.89	3435.647	3435.647	12.500	12.5	0.0	NO		NO	MM
6	6	200702M1_8	Standard	12.500	4.89	2897.497	2897.497	12.500	12.5	0.0	NO		NO	bb
7	7	200702M1_9	Standard	12.500	4.88	3125.887	3125.887	12.500	12.5	0.0	NO		NO	bb
8	8	200702M1_10	Standard	12.500	4.88	3322.367	3322.367	12.500	12.5	0.0	NO		NO	bb
9	9	200702M1_11	Standard	12.500	4.88	3282.963	3282.963	12.500	12.5	0.0	NO		NO	MM
10	10	200702M1_12	Standard	12.500	4.88	2726.486	2726.486	12.500	12.5	0.0	NO		NO	bb

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9984	NO	
2	2	PFPrS	51	0.9996	NO	
3	3	3:3 FTCA	49	0.9986	NO	
4	4	PFPeA	49	1.0000	NO	
5	5	PFBS	51	0.9997	NO	
6	6	4:2 FTS	55	0.9996	NO	
7	7	PFHxA	57	0.9993	NO	
8	8	PFPeS	51	0.9992	NO	
9	9	HFPO-DA	53	0.9974	NO	
10	10	5:3 FTCA	59	0.9997	NO	
11	11	PFHpA	59	0.9996	NO	
12	12	ADONA	59	0.9997	NO	
13	13	L-PFHxS	61	0.9999	NO	
14	15	6:2 FTS	63	0.9999	NO	
15	16	L-PFOA	69	0.9986	NO	
16	18	PFecHS	69	0.9999	NO	
17	19	PFHpS	73	0.9996	NO	
18	20	7:3 FTCA	65	0.9988	NO	
19	21	PFNA	65	0.9994	NO	
20	22	PFOSA	67	0.9949	NO	
21	23	L-PFOS	73	0.9993	NO	
22	25	9Cl-PF30NS	73	0.9993	NO	
23	26	PFDA	75	0.9995	NO	
24	27	8:2 FTS	77	0.9987	NO	
25	28	PFNS	73	0.9993	NO	
26	29	L-MeFOSAA	79	0.9995	NO	

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Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	83	0.9981	NO	
2	33	PFUdA	81	0.9993	NO	
3	34	PFDS	73	0.9996	NO	
4	35	11Cl-PF30UdS	85	0.9991	NO	
5	36	10:2 FTS	87	0.9998	NO	
6	37	PFDoA	85	0.9989	NO	
7	38	N-MeFOSA	89	0.9989	NO	
8	39	PFTrDA	85	0.9994	NO	
9	40	PFDoS	91	0.9983	NO	
10	41	PFTeDA	91	0.9992	NO	
11	42	N-EtFOSA	93	0.9998	NO	
12	43	PFHxDA	95	0.9999	NO	
13	44	PFODA	95	0.9999	NO	
14	45	N-MeFOSE	97	0.9969	NO	
15	46	N-EtFOSE	99	0.9967	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	101		NO	2.586
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	102		NO	5.042
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	103		NO	6.630
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	102		NO	5.347
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	103		NO	6.637
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	102		NO	3.799
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	102		NO	6.069
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	103		NO	4.316

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Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
32	63	13C2-6:2 FTS-EIS			NO	0.000
33	64	13C2-6:2 FTS-RSD	106		NO	10.357
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	105		NO	4.681
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	108		NO	13.155
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	104		NO	3.759
40	73	13C8-PFOS-EIS			NO	0.000
41	74	13C8-PFOS-RSD	106		NO	8.433
42	75	13C2-PFDA-EIS			NO	0.000
43	76	13C2-PFDA-RSD	107		NO	7.631
44	77	13C2-8:2 FTS-EIS			NO	0.000
45	78	13C2-8:2 FTS-RSD	106		NO	11.094
46	79	d3-N-MeFOSAA-EIS			NO	0.000
47	80	d3-N-MeFOSAA-RSD	108		NO	6.967
48	81	13C2-PFUdA-EIS			NO	0.000
49	82	13C2-PFUdA-RSD	108		NO	6.412
50	83	d5-N-EtFOSAA-EIS			NO	0.000
51	84	d5-N-EtFOSAA-RSD	108		NO	6.895
52	85	13C2-PFDoA-EIS			NO	0.000
53	86	13C2-PFDoA-RSD	107		NO	6.044
54	87	13C2-10:2 FTS-EIS			NO	0.000
55	88	13C2-10:2 FTS-RSD	106		NO	11.223
56	89	d3-N-MeFOSA-EIS			NO	0.000
57	90	d3-N-MeFOSA-RSD	108		NO	10.347
58	91	13C2-PFTeDA-EIS			NO	0.000
59	92	13C2-PFTeDA-RSD	108		NO	6.971
60	93	d5-N-ETFOSA-EIS			NO	0.000
61	94	d5-N-ETFOSA-RSD	108		NO	6.725
62	95	13C2-PFHxDA-EIS			NO	0.000
63	96	13C2-PFHxDA-RSD	108		NO	6.409
64	97	d7-N-MeFOSE-EIS			NO	0.000
65	98	d7-N-MeFOSE-RSD	108		NO	15.352

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:40:58 Pacific Daylight Time

Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
66	99	d9-N-EtFOSE-EIS			NO	0.000
67	1...	d9-N-EtFOSE-RSD	108		NO	14.451
68	1...	13C4-PFBA	101		NO	0.000
69	1...	13C5-PFHxA	102		NO	0.000
70	1...	18O2-PFHxS	103		NO	0.000
71	1...	13C8-PFOA	104		NO	0.000
72	1...	13C9-PFNA	105		NO	0.000
73	1...	13C4-PFOS	106		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:54 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.46	1.46			
2	2	PFPrS	1.80	1.80	2.333	2.333	NO
3	3	3:3 FTCA	2.28	2.29	2.345	2.345	NO
4	4	PFPeA	2.43	2.43			
5	5	PFBS	2.71	2.72	2.678	2.678	NO
6	6	4:2 FTS	3.16	3.16	1.969	1.969	NO
7	7	PFHxA	3.25	3.25	14.967	14.967	NO
8	8	PFPeS	3.42	3.44	1.632	1.632	NO
9	9	HFPO-DA	3.46	3.46	2.318	2.318	NO
10	10	5:3 FTCA	3.79	3.79	1.457	1.457	NO
11	11	PFHpA	3.85	3.86	6.903	6.903	NO
12	12	ADONA	3.95	3.96	3.578	3.578	NO
13	13	L-PFHxS	4.00	4.00	1.646	1.646	NO
14	15	6:2 FTS	4.32	4.32	2.006	2.006	NO
15	16	L-PFOA	4.37	4.37	3.752	3.752	NO
16	18	PFecHS	4.39	4.39	0.952	0.952	NO
17	19	PFHpS	4.48	4.48	1.734	1.734	NO
18	20	7:3 FTCA	4.80	4.79	1.463	1.463	NO
19	21	PFNA	4.81	4.81	3.578	3.578	NO
20	22	PFOSA	4.85	4.85	29.190	29.190	NO
21	23	L-PFOS	4.89	4.89	2.223	2.223	NO
22	25	9Cl-PF30NS	5.10	5.10	22.945	22.945	NO
23	26	PFDA	5.18	5.18	5.071	5.071	NO
24	27	8:2 FTS	5.15	5.15	1.546	1.546	NO
25	28	PFNS	5.24	5.24	1.529	1.529	NO
26	29	L-MeFOSAA	5.32	5.33	2.957	2.957	NO

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:39:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.48	5.49	1.476	1.476	NO
2	33	PFUdA	5.50	5.50	7.424	7.424	NO
3	34	PFDS	5.54	5.55	1.421	1.421	NO
4	35	11Cl-PF30UdS	5.71	5.71	23.040	23.040	NO
5	36	10:2 FTS	5.77	5.77	1.459	1.459	NO
6	37	PFDoA	5.78	5.78	8.107	8.107	NO
7	38	N-MeFOSA	5.73	5.72	1.406	1.406	NO
8	39	PFTrDA	6.04	6.03	8.948	8.948	NO
9	40	PFDoS	6.04	6.05	1.687	1.687	NO
10	41	PFTeDA	6.24	6.23	14.476	14.476	NO
11	42	N-EtFOSA	6.12	6.13	1.583	1.583	NO
12	43	PFHxDA	6.54	6.54	22.915	22.915	NO
13	44	PFODA	6.75	6.75			
14	45	N-MeFOSE	6.32	6.33			
15	46	N-EtFOSE	6.46	6.47			

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Sunday, July 05, 2020 13:52:46 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:53:23 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 05 Jul 2020 13:37:42
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Compound name: PFBA

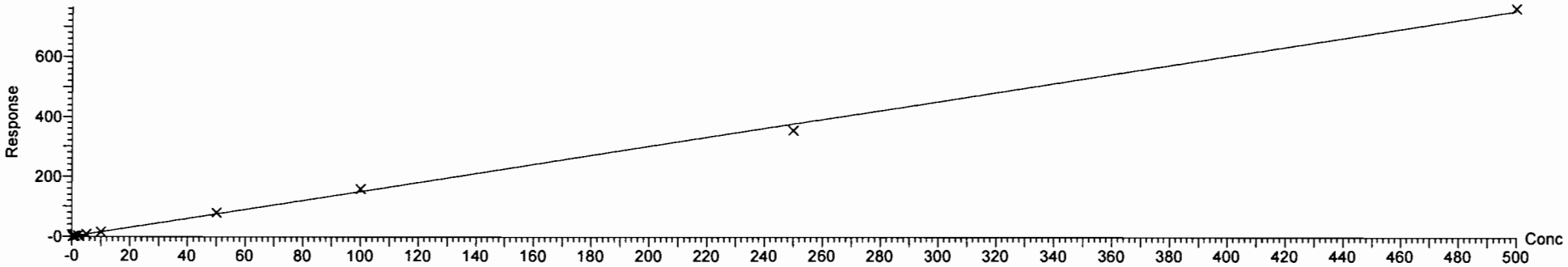
	#	Name	ID	Acq.Date	Acq.Time
1	1	200702M1_1	IPA	02-Jul-20	15:26:29
2	2	200702M1_2	IPA	02-Jul-20	15:36:55
3	3	200702M1_3	ST200702M1-1 PFC CS-2 20F1901	02-Jul-20	15:47:20
4	4	200702M1_4	ST200702M1-2 PFC CS-1 20F1902	02-Jul-20	15:57:44
5	5	200702M1_5	ST200702M1-3 PFC CS0 20F1903	02-Jul-20	16:08:09
6	6	200702M1_6	ST200702M1-4 PFC CS1 20F1904	02-Jul-20	16:18:34
7	7	200702M1_7	ST200702M1-5 PFC CS2 20F1905	02-Jul-20	16:28:57
8	8	200702M1_8	ST200702M1-6 PFC CS3 20F1906	02-Jul-20	16:39:19
9	9	200702M1_9	ST200702M1-7 PFC CS4 20F1907	02-Jul-20	16:49:41
10	10	200702M1_10	ST200702M1-8 PFC CS5 20F1908	02-Jul-20	17:00:04
11	11	200702M1_11	ST200702M1-9 PFC CS6 20F1909	02-Jul-20	17:11:07
12	12	200702M1_12	ST200702M1-10 PFC CS7 20F1910	02-Jul-20	17:21:28
13	13	200702M1_13	IB	02-Jul-20	17:31:50
14	14	200702M1_14	ICV200702M1-1 PFC ICV 20F1911	02-Jul-20	17:42:13
15	15	200702M1_15	IB	02-Jul-20	17:52:35

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

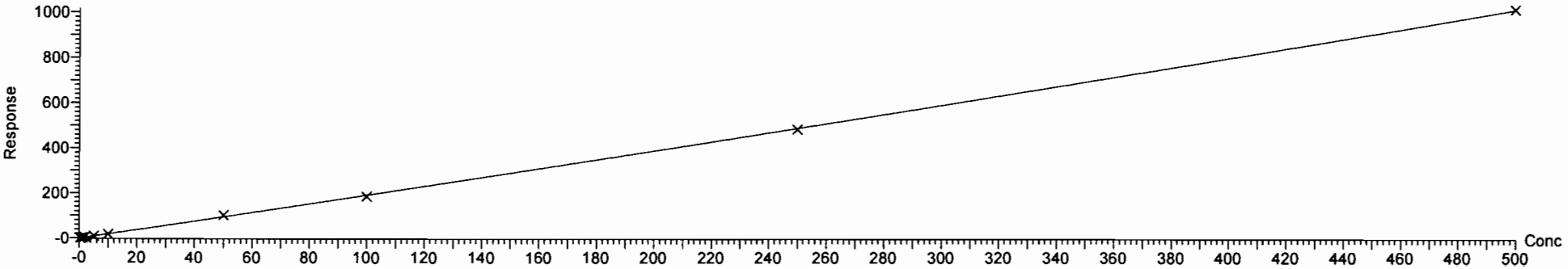
Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Compound name: PFBA
Coefficient of Determination: R^2 = 0.998384
Calibration curve: 3.25218e-006 * x^2 + 1.5063 * x + -0.00181738
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



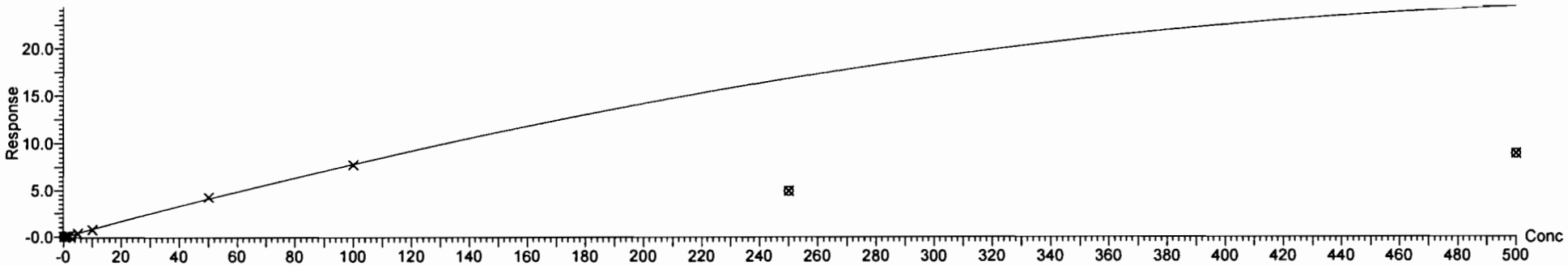
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999568
Calibration curve: 0.000260516 * x^2 + 1.89173 * x + -0.000480767
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



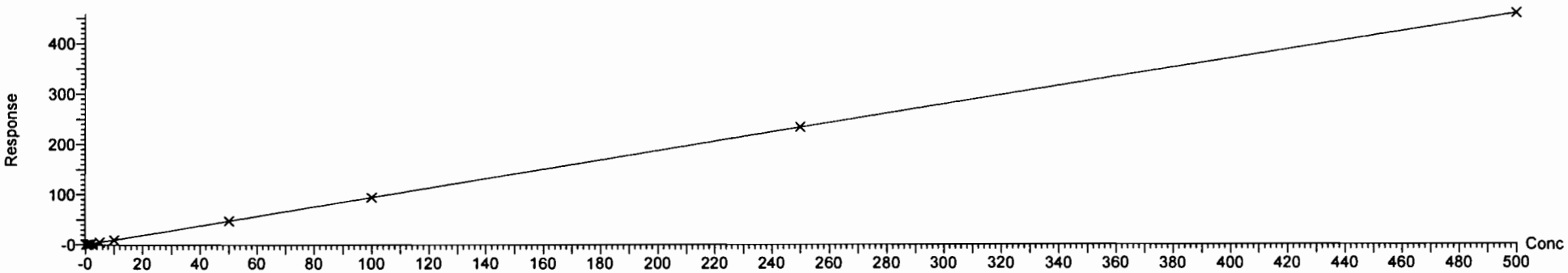
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998617
Calibration curve: -7.35937e-005 * x^2 + 0.0856151 * x + -0.0338451
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



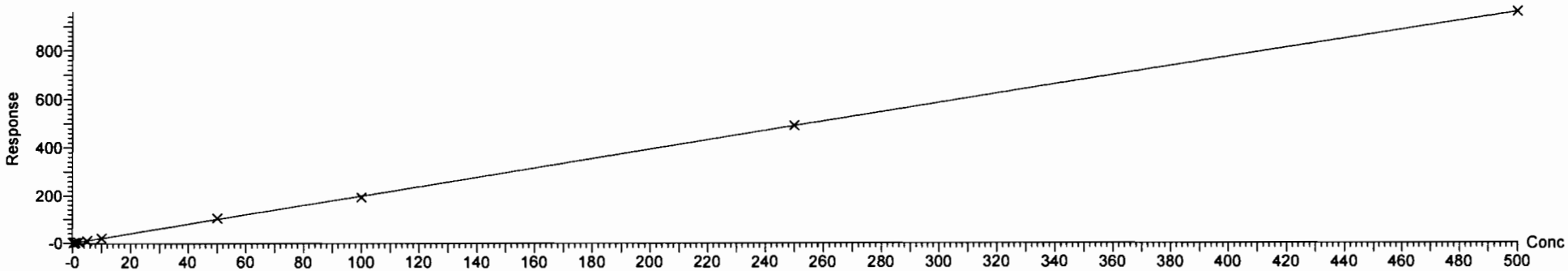
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999998
Calibration curve: -6.39965e-005 * x^2 + 0.948513 * x + 0.000348588
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



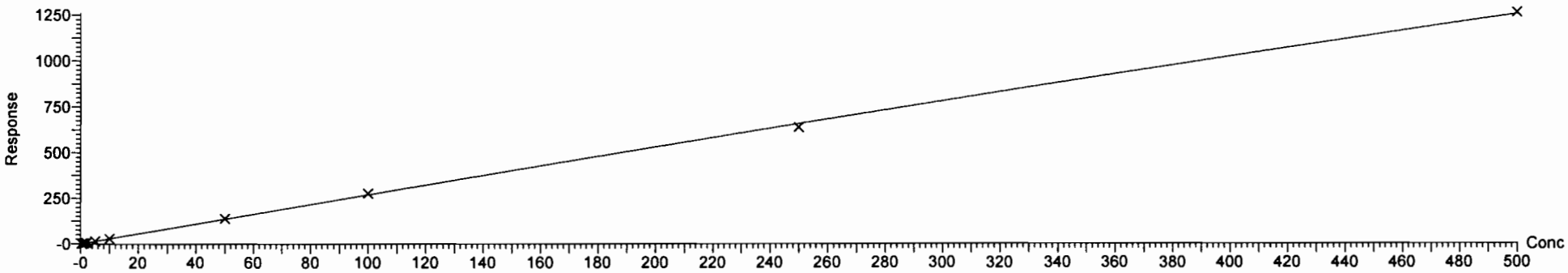
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999699
Calibration curve: -0.000162778 * x^2 + 1.9977 * x + -0.0566364
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



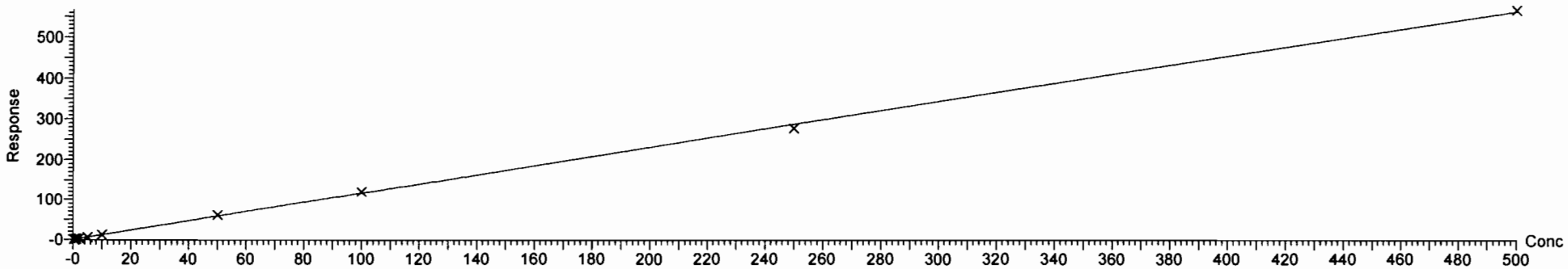
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999557
Calibration curve: -0.000481144 * x^2 + 2.74129 * x + 0.0453934
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



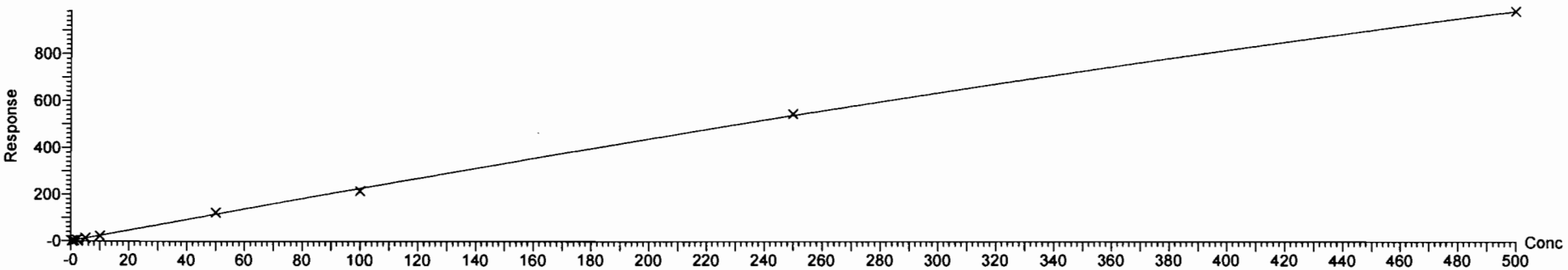
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999304
Calibration curve: -9.68632e-005 * x^2 + 1.17438 * x + -0.0106547
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



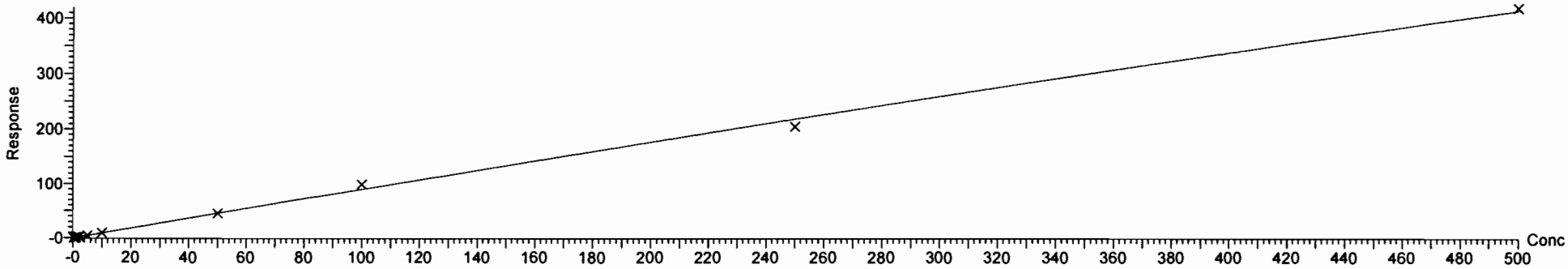
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999231
Calibration curve: -0.000751557 * x^2 + 2.34131 * x + -0.21589
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



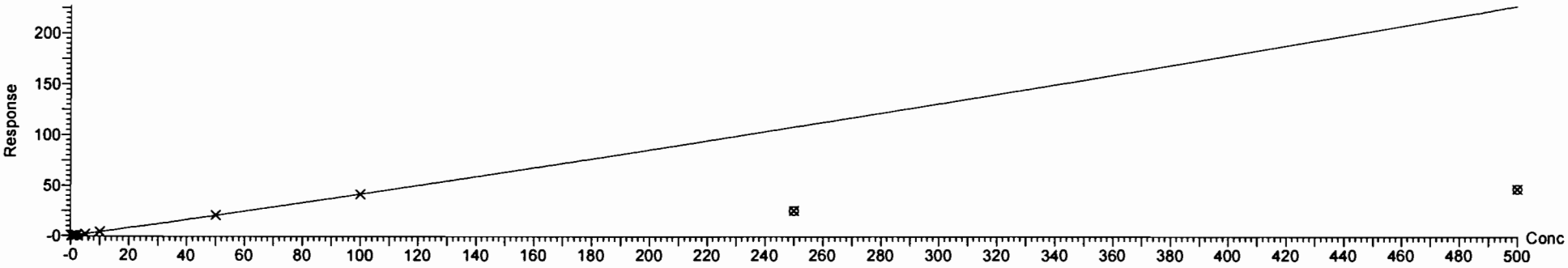
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997352
Calibration curve: -0.000187498 * x^2 + 0.921408 * x + -0.0219643
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



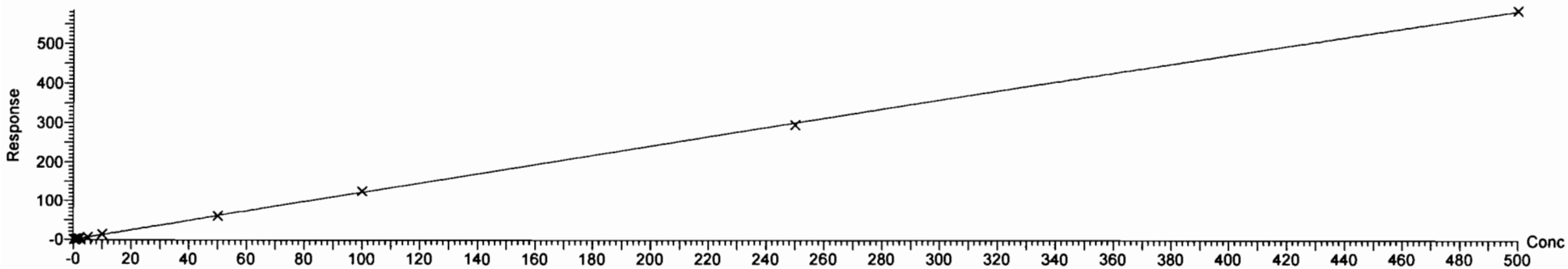
Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999732
Calibration curve: 8.81156e-005 * x^2 + 0.410454 * x + -0.0120257
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



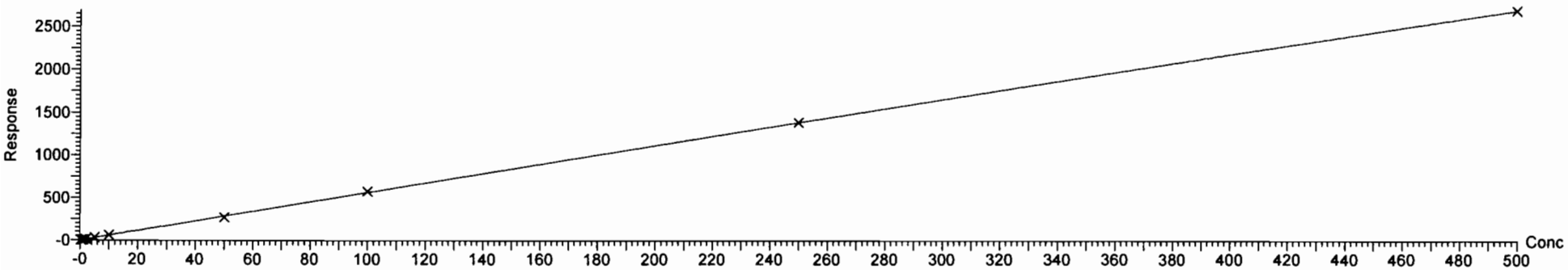
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999611
Calibration curve: -0.000141226 * x^2 + 1.23695 * x + 0.114395
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



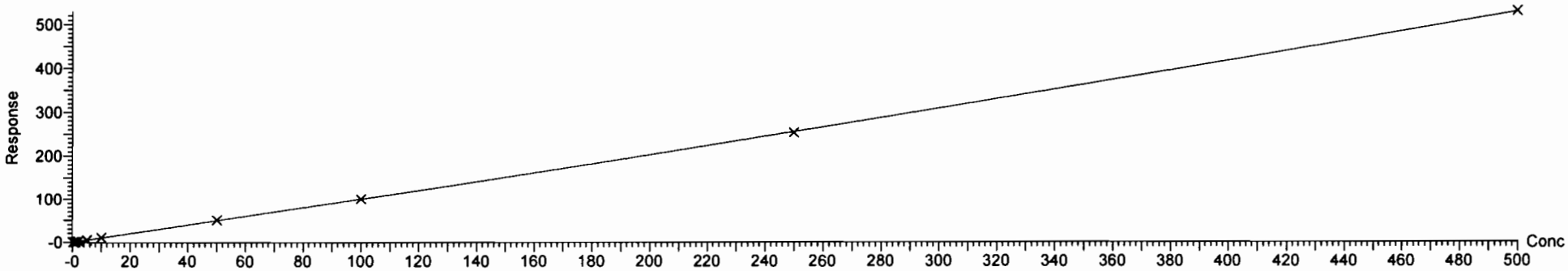
Compound name: ADONA
Coefficient of Determination: R^2 = 0.999729
Calibration curve: -0.000632717 * x^2 + 5.69932 * x + 0.00273704
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



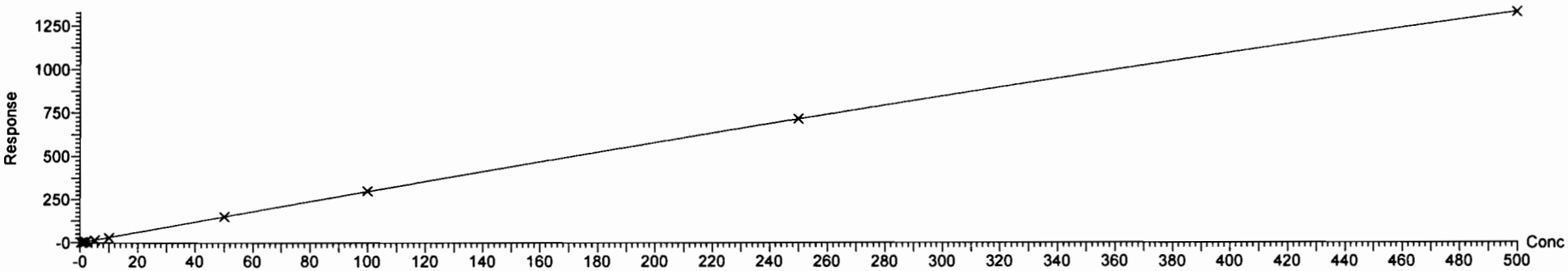
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999868
Calibration curve: 0.000155661 * x^2 + 0.97893 * x + -0.0242626
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



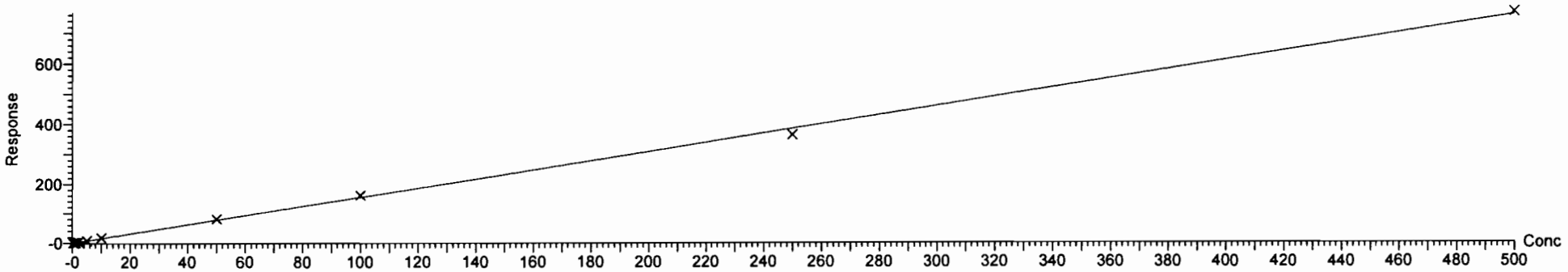
Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999872
Calibration curve: -0.000782136 * x^2 + 3.04579 * x + -0.108216
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



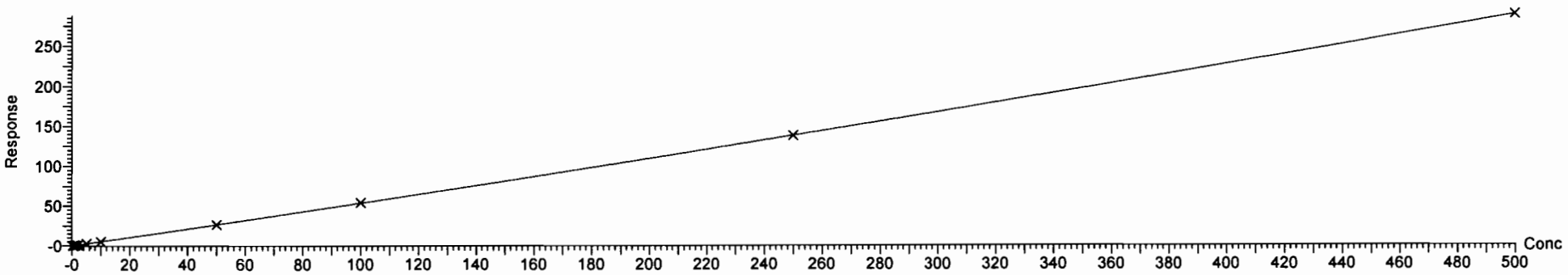
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.998614
Calibration curve: -5.07069e-005 * x^2 + 1.54384 * x + 0.199242
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



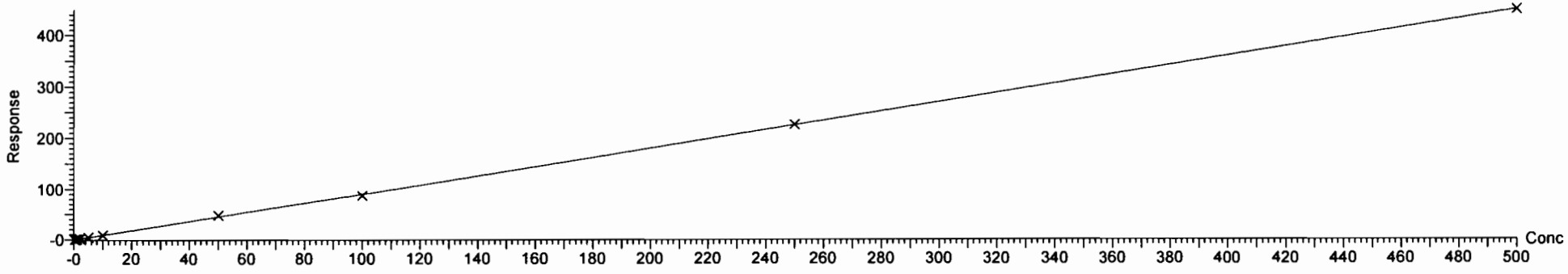
Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999928
Calibration curve: 0.000103522 * x^2 + 0.524826 * x + -0.00521003
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



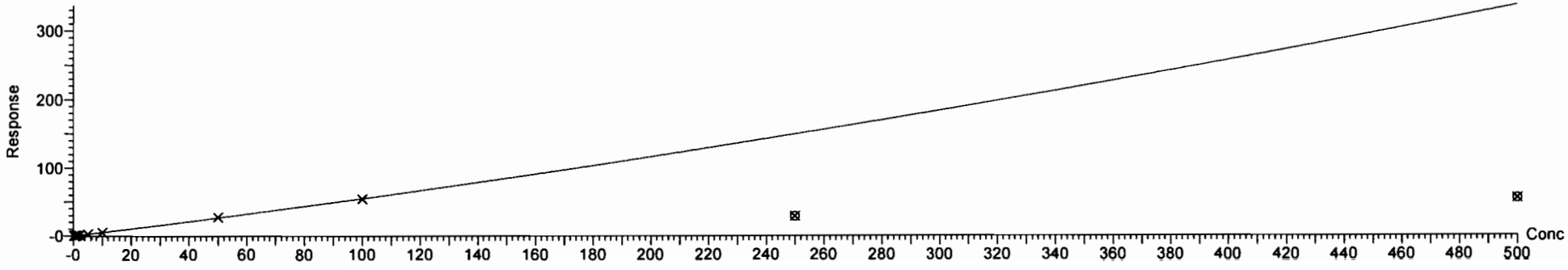
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: PFHpS
Correlation coefficient: r = 0.999814, r^2 = 0.999628
Calibration curve: 0.898459 * x + -0.0392645
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



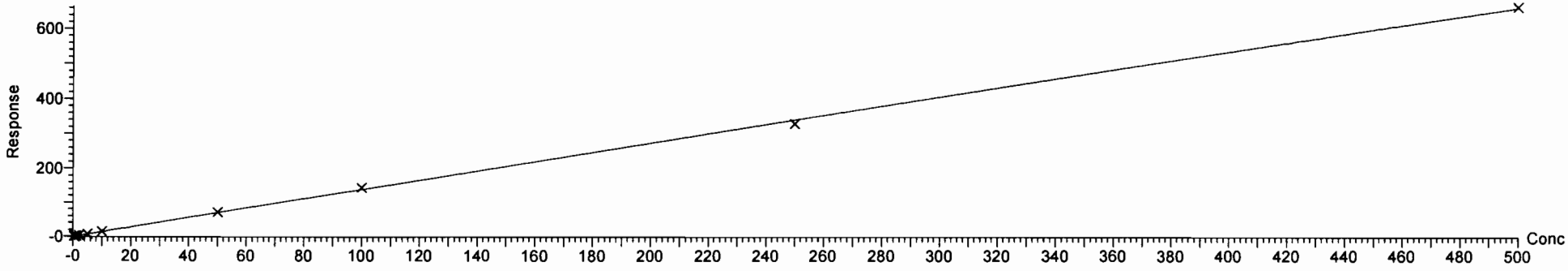
Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998839
Calibration curve: 0.000311231 * x^2 + 0.517128 * x + -0.0569201
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



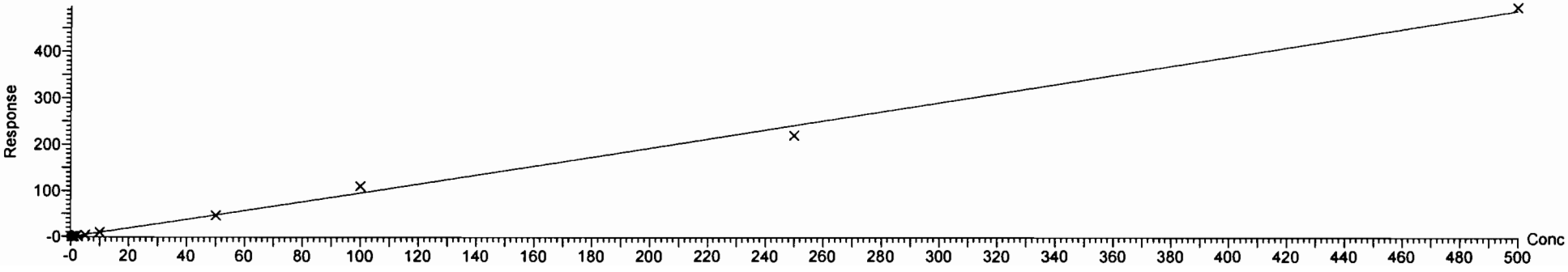
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: PFNA
Coefficient of Determination: R^2 = 0.999411
Calibration curve: -0.00015264 * x^2 + 1.39614 * x + 0.0319228
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.994881
Calibration curve: 3.87536e-005 * x^2 + 0.958688 * x + -0.240583
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
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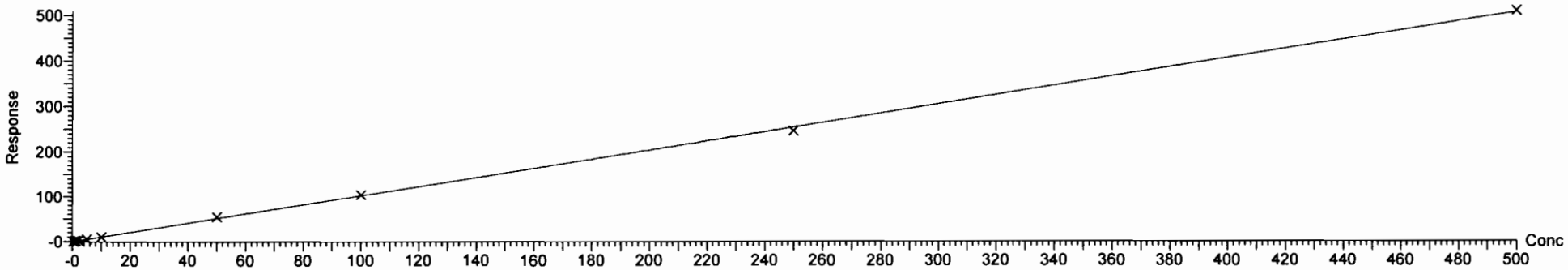
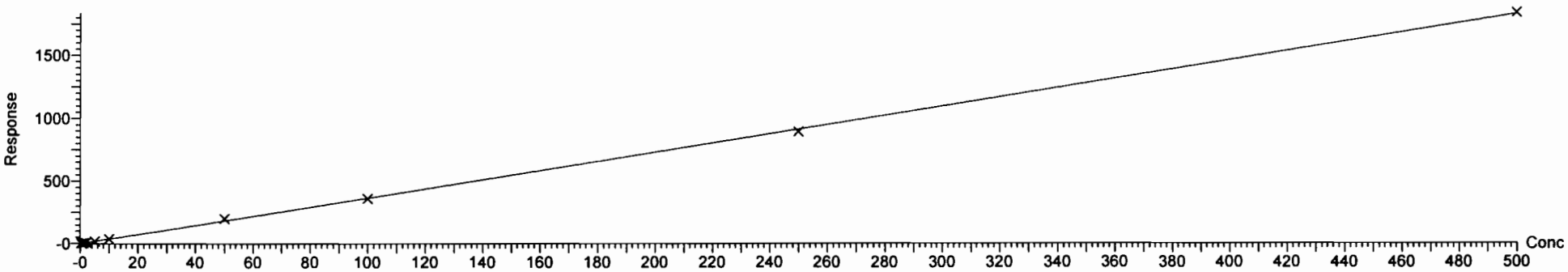
Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999304
Calibration curve: -1.16226e-005 * x^2 + 1.01816 * x + -0.0739928
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



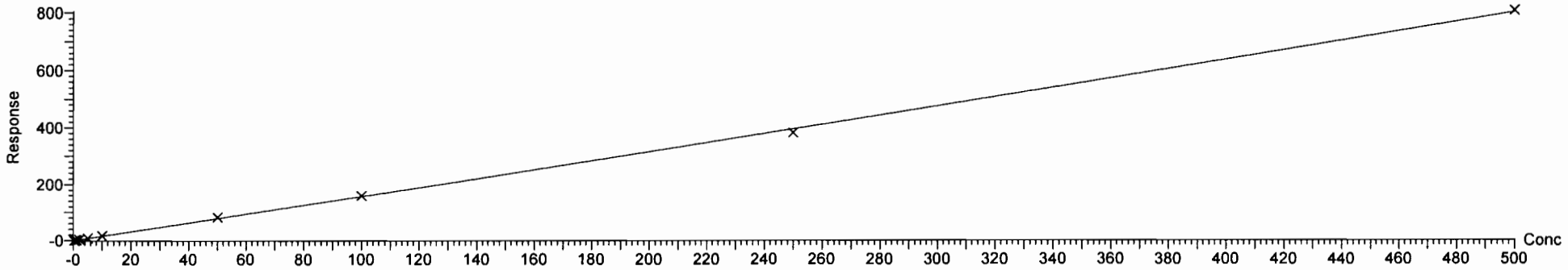
Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999270
Calibration curve: 2.75088e-005 * x^2 + 3.6367 * x + 0.124456
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



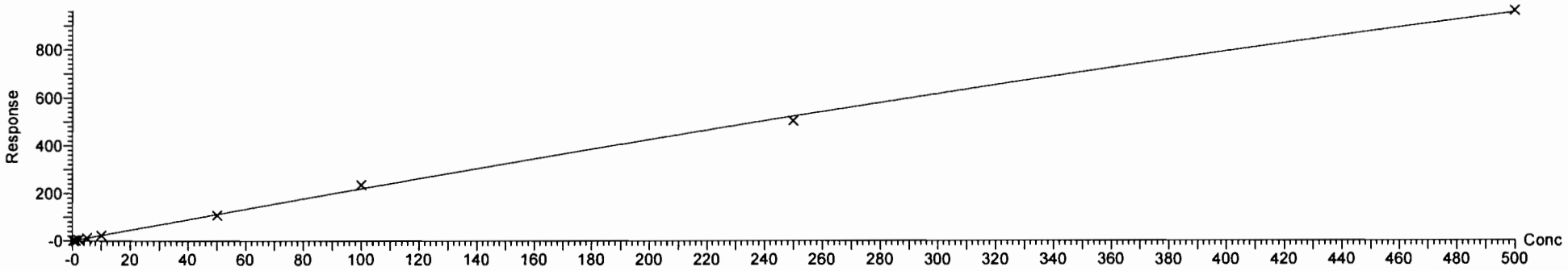
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: R^2 = 0.999462
Calibration curve: 9.94453e-005 * x^2 + 1.54994 * x + 0.0319439
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



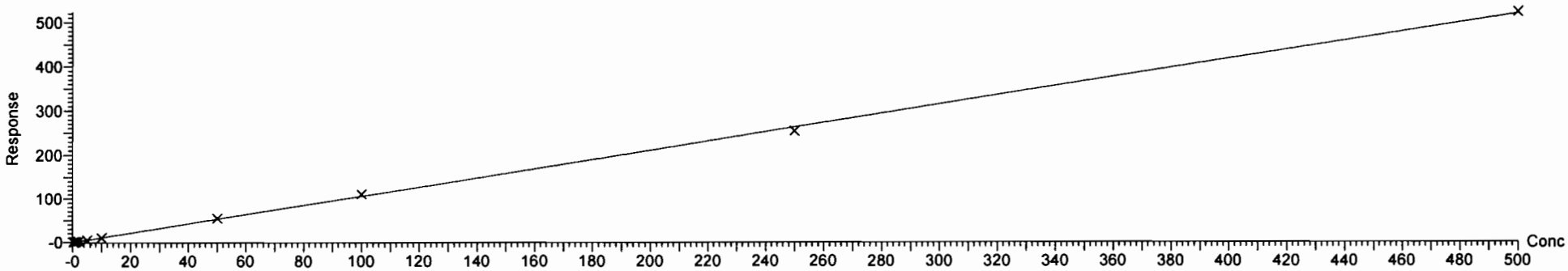
Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.998723
Calibration curve: -0.000716382 * x^2 + 2.26629 * x + -0.0483931
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



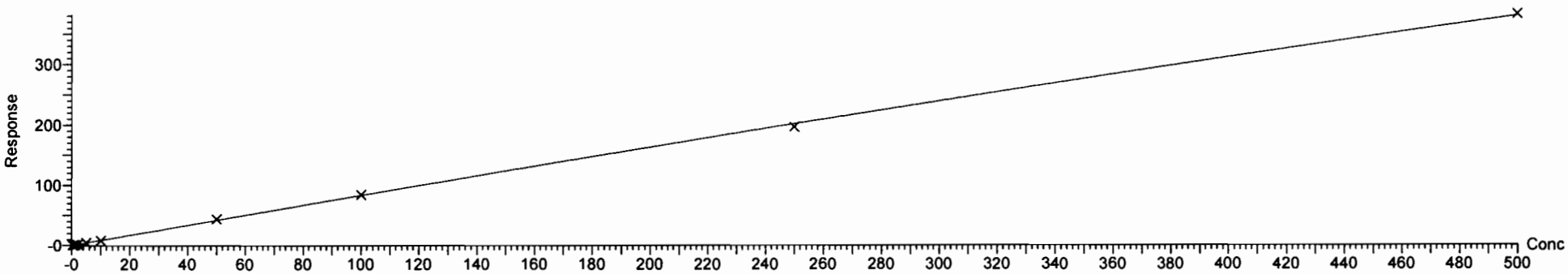
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:05 Pacific Daylight Time

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999342
Calibration curve: -4.76319e-005 * x^2 + 1.06171 * x + -0.00843664
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999522
Calibration curve: -0.000184392 * x^2 + 0.851778 * x + -0.0137032
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
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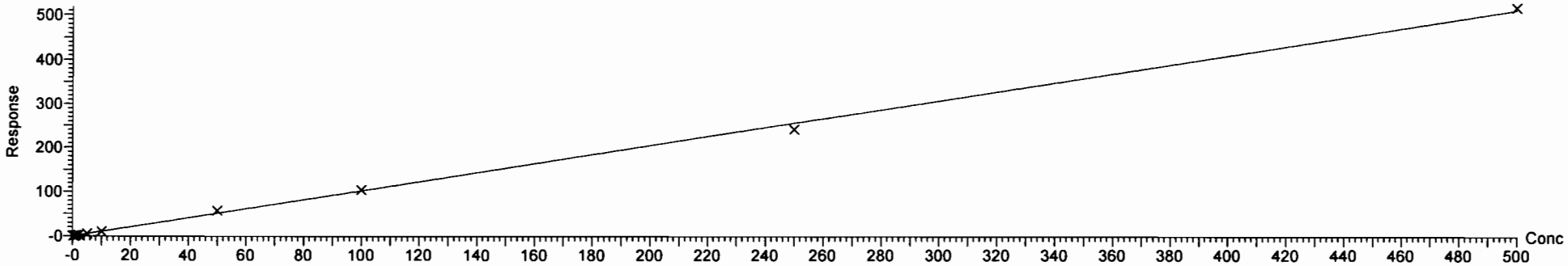
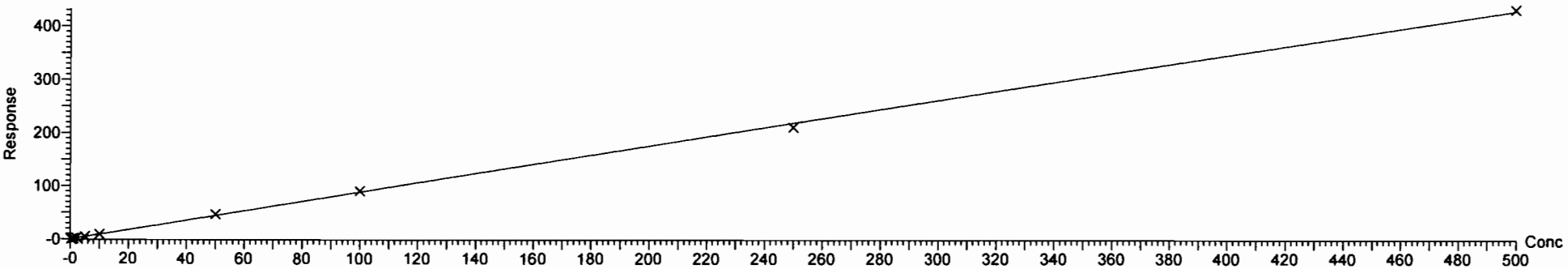
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070220.mdb 02 Jul 2020 10:33:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.998140
Calibration curve: -8.94119e-006 * x^2 + 1.02611 * x + -0.00826972
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999335
Calibration curve: -7.95054e-005 * x^2 + 0.896025 * x + 0.0484254
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
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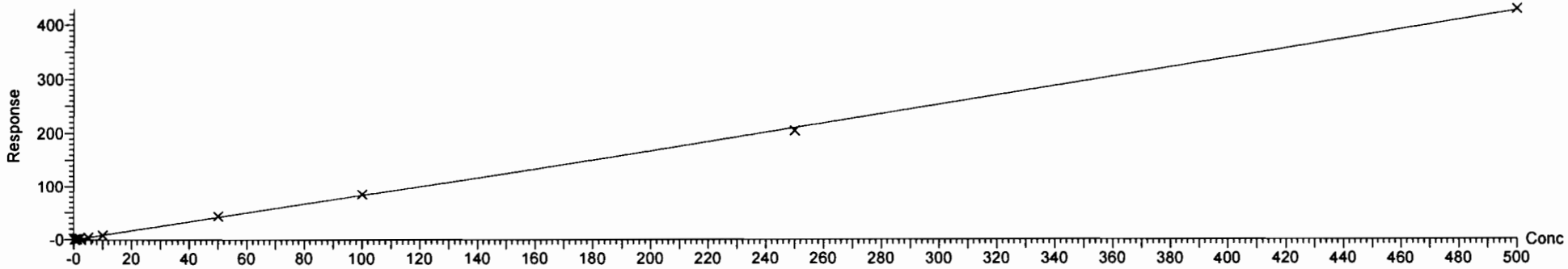
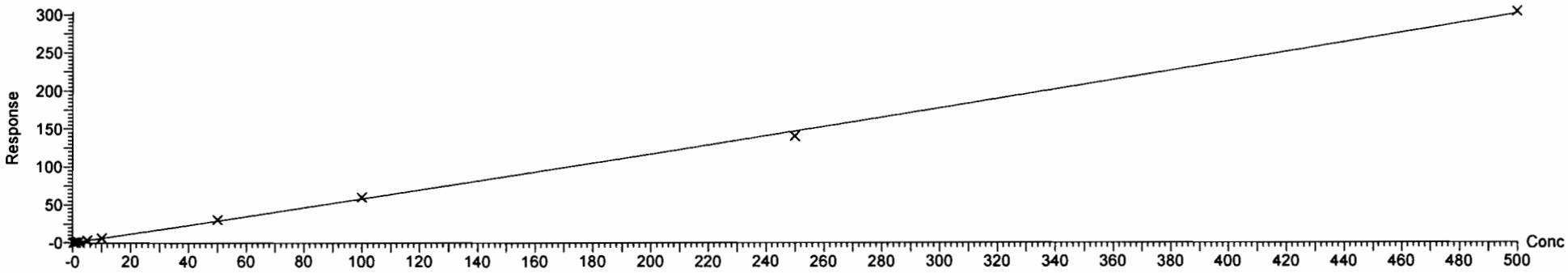
Compound name: PFDS
Coefficient of Determination: R^2 = 0.999614
Calibration curve: 6.3563e-005 * x^2 + 0.821372 * x + -0.0267996
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999111
Calibration curve: 5.7571e-005 * x^2 + 0.572178 * x + 0.0392304
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
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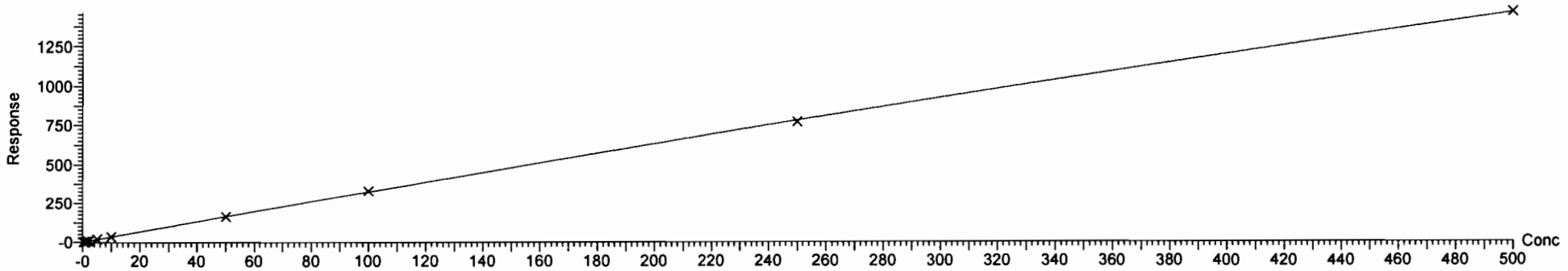
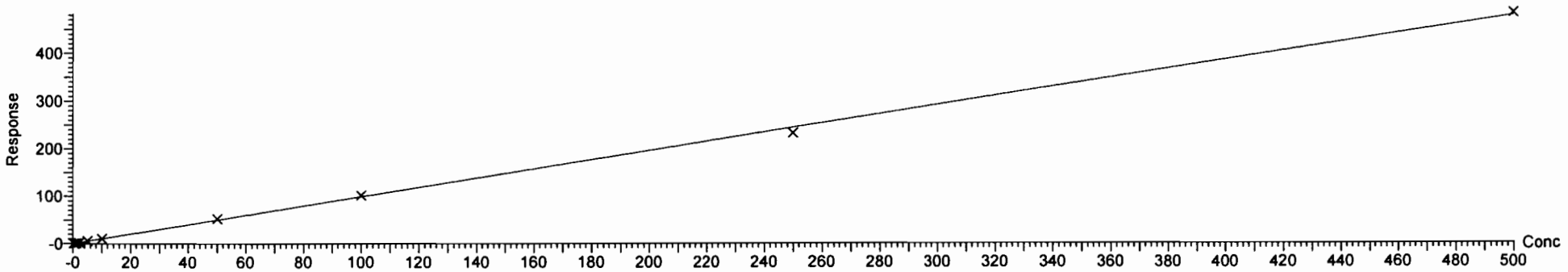
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999799
Calibration curve: -0.000773359 * x^2 + 3.30374 * x + 0.162629
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



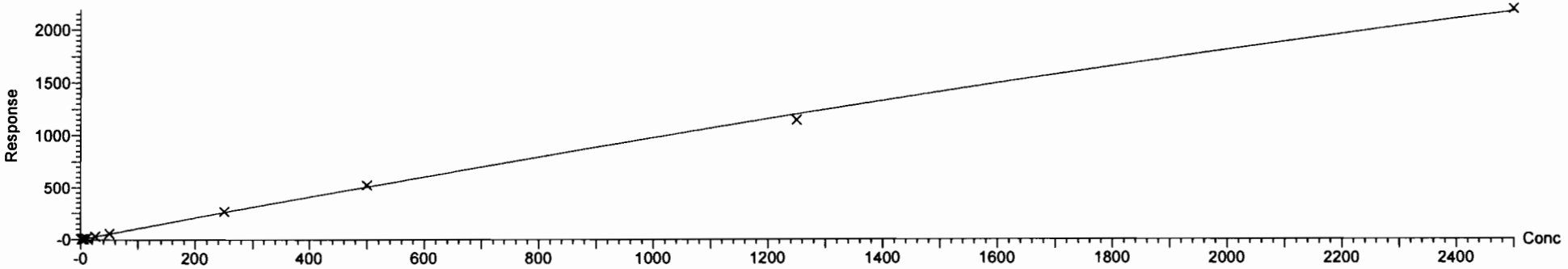
Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998873
Calibration curve: -7.51707e-005 * x^2 + 0.992501 * x + 0.0792216
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



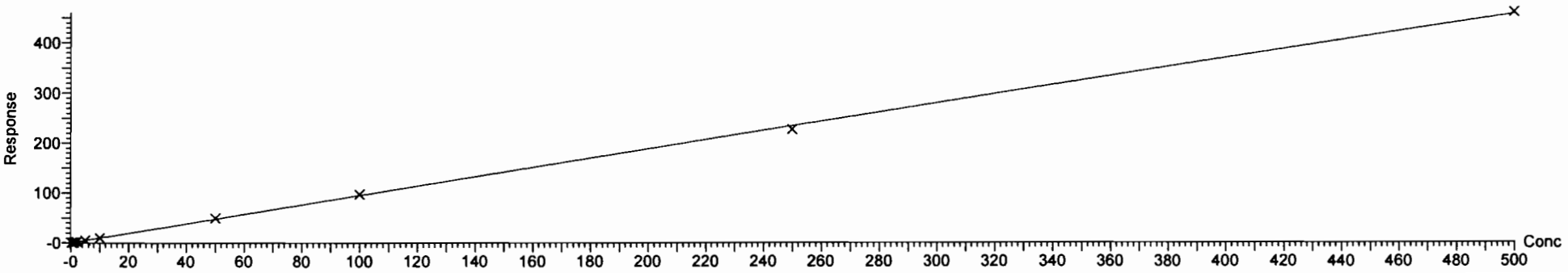
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:13 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.998851
Calibration curve: -7.15391e-005 * x^2 + 1.04631 * x + 0.214216
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999447
Calibration curve: -8.72076e-005 * x^2 + 0.955813 * x + 0.0447366
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:13 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.998298
Calibration curve: -5.16727e-005 * x^2 + 0.312374 * x + -0.0100578
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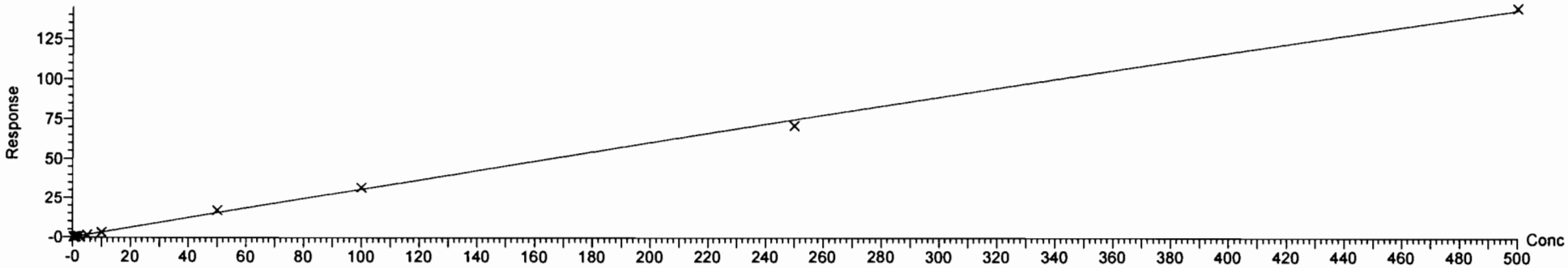
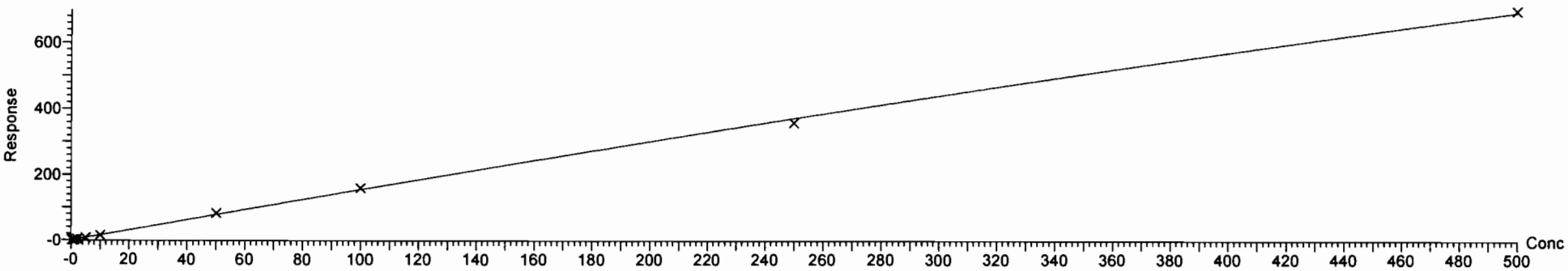


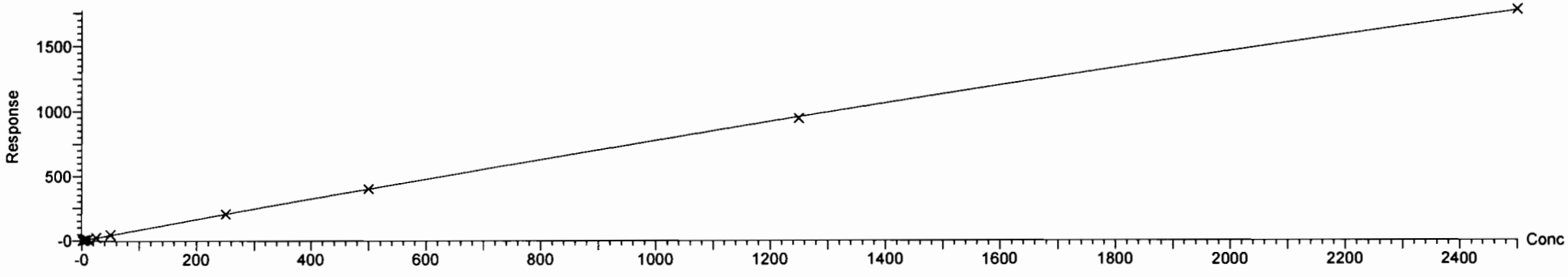
Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.999160
Calibration curve: -0.000417532 * x^2 + 1.59318 * x + 0.0349275
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



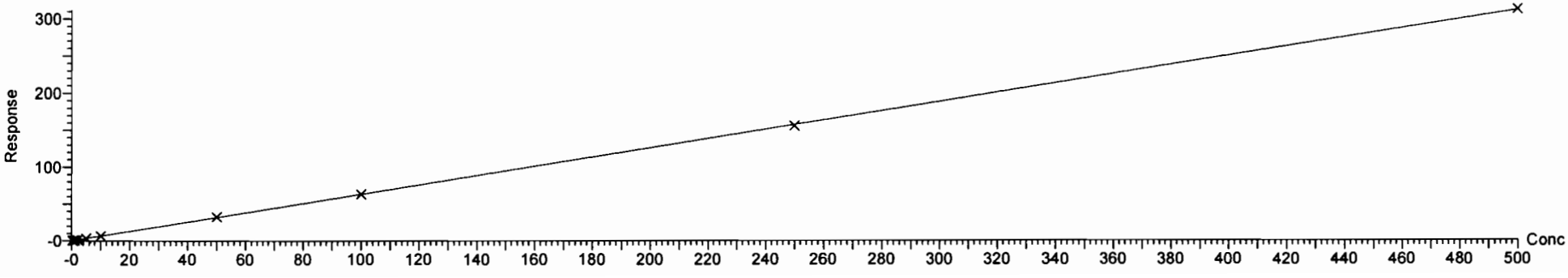
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:13 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999781
Calibration curve: -4.55995e-005 * x^2 + 0.82106 * x + 0.0651047
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999889
Calibration curve: -2.33213e-005 * x^2 + 0.633173 * x + 0.0985171
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:13 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999858
Calibration curve: -3.74499e-005 * x^2 + 0.837097 * x + 0.00951275
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
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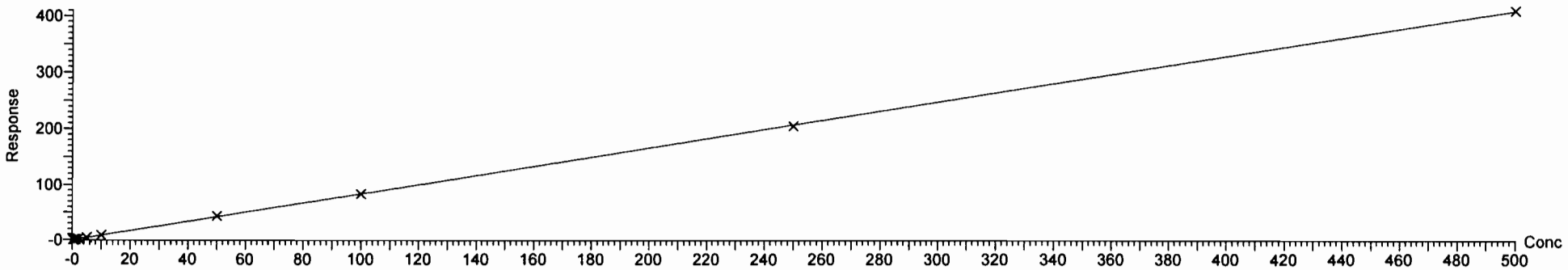

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.996881
Calibration curve: -2.34321e-006 * x^2 + 0.917026 * x + 0.235441
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
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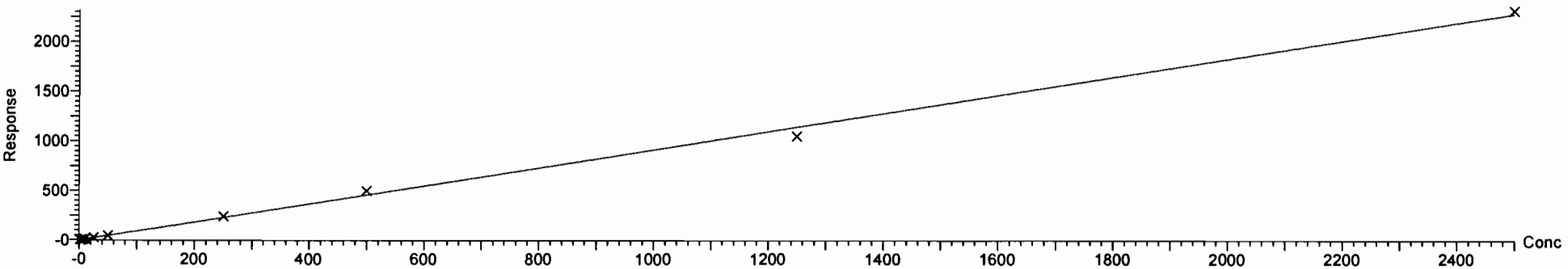
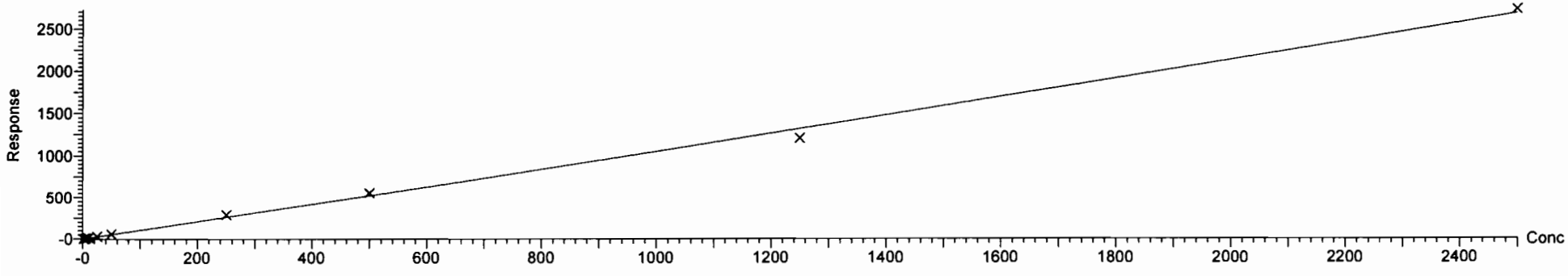


Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:33:13 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:38:13 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.996697
Calibration curve: 1.75177e-005 * x^2 + 1.02774 * x + 0.248165
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



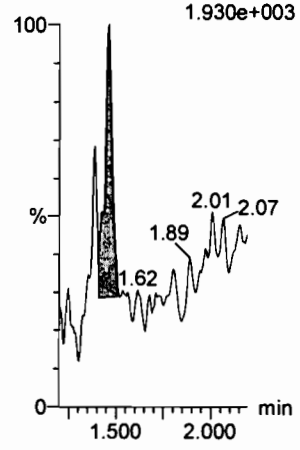
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

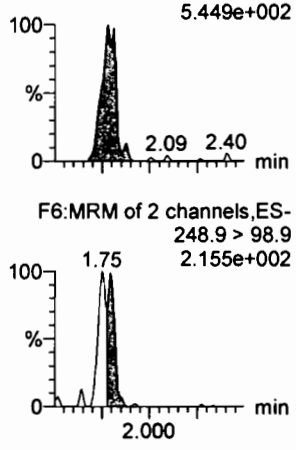
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070520.mdb 05 Jul 2020 13:06:09
Calibration: 05 Jul 2020 13:00:45

Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

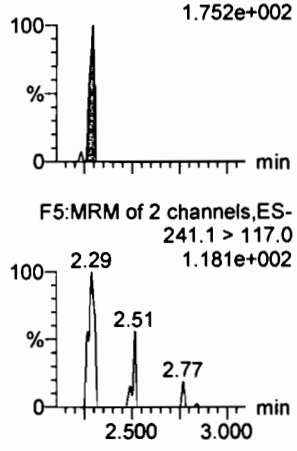
PFBA



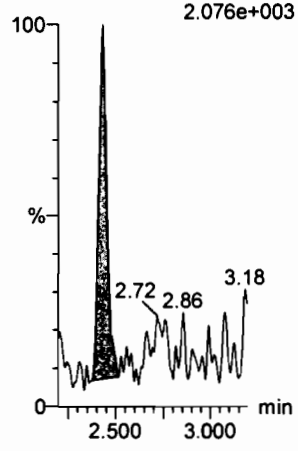
PFPrS



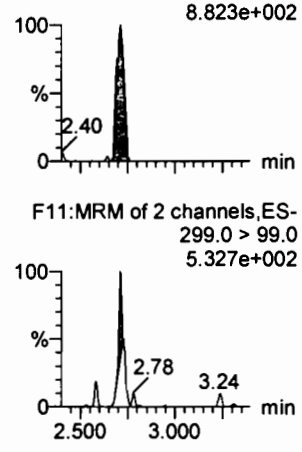
3:3 FTCA



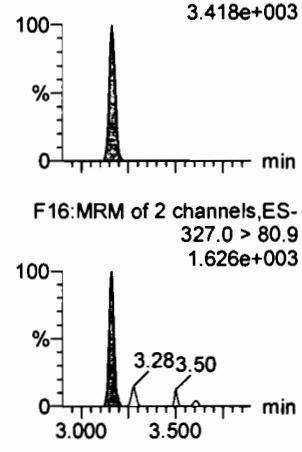
PFPeA



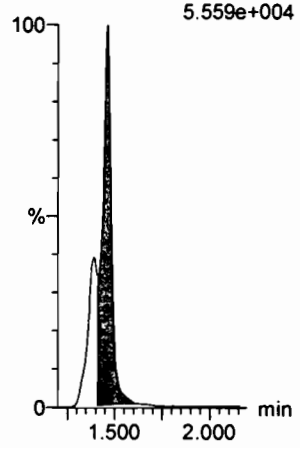
PFBS



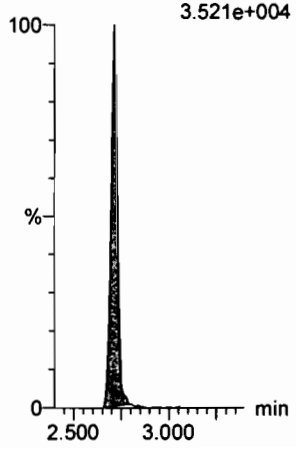
4:2 FTS



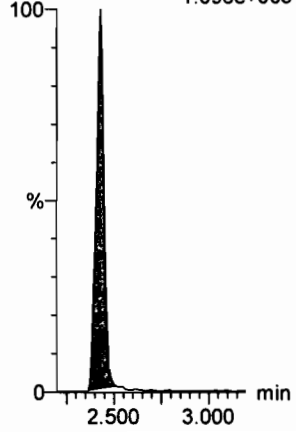
13C3-PFBA-EIS



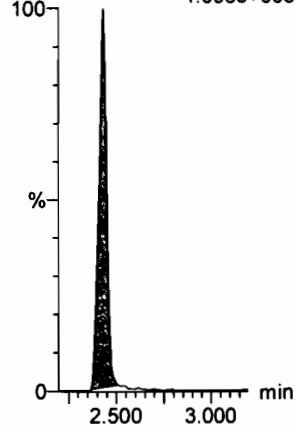
13C3-PFBS-EIS



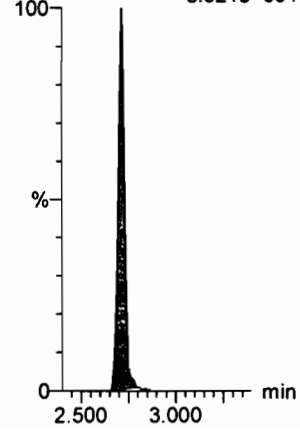
13C3-PFPeA-EIS



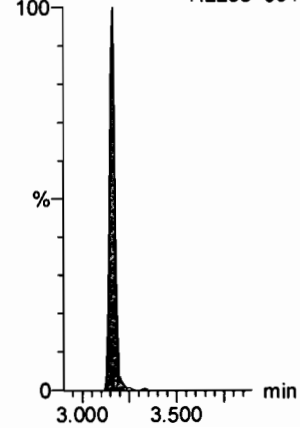
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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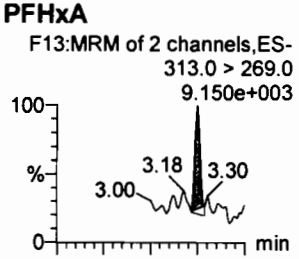
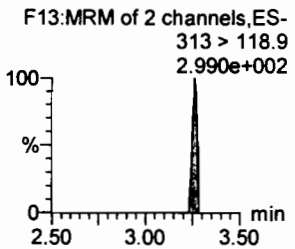
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFHxA





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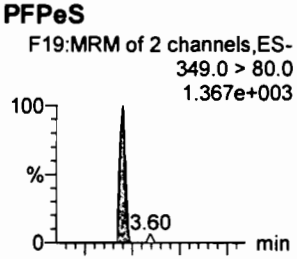
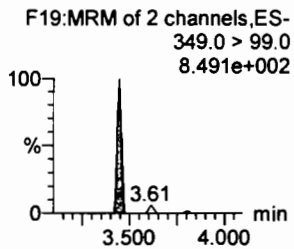
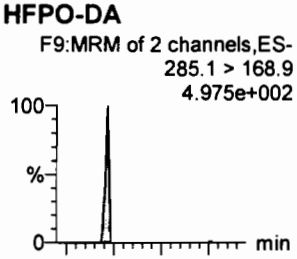
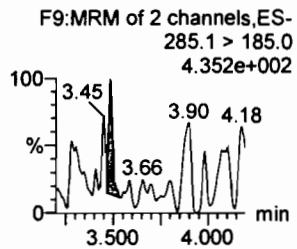


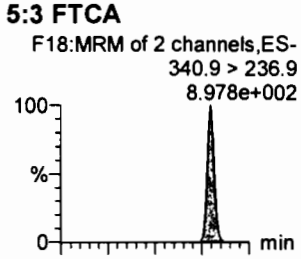


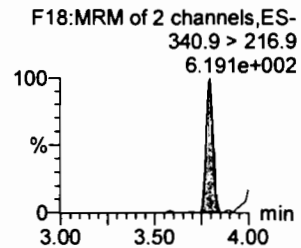
HFPO-DA



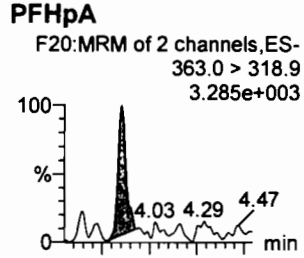


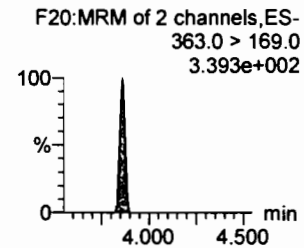
5:3 FTCA





PFHpA





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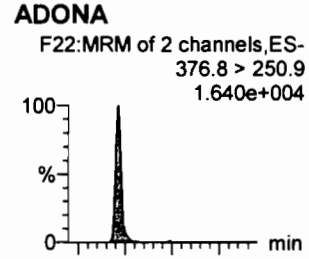
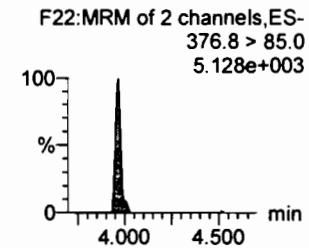
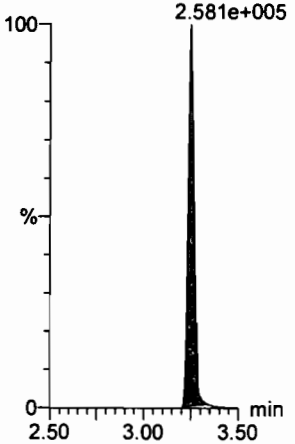
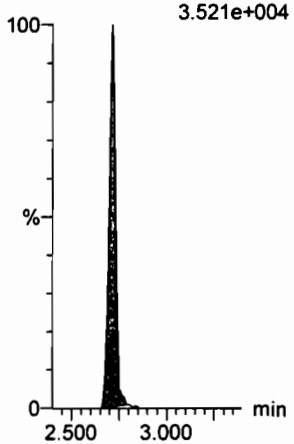




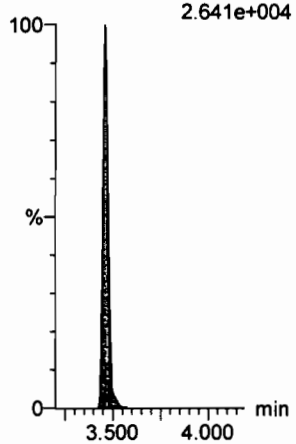
13C2-PFHxA-EIS



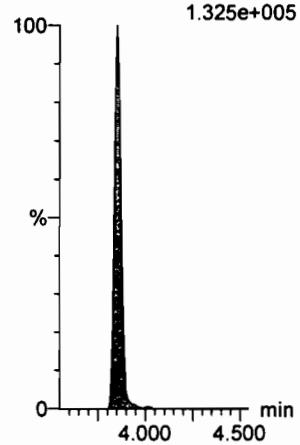
13C3-PFBS-EIS



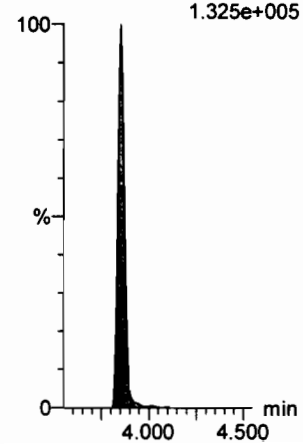
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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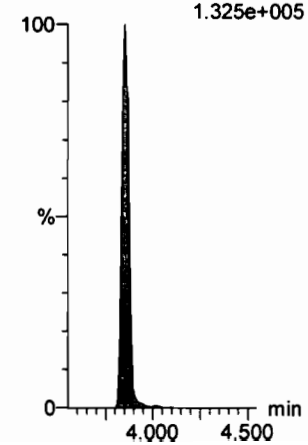

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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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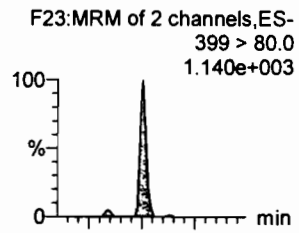
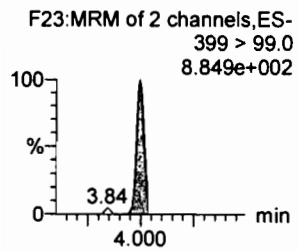
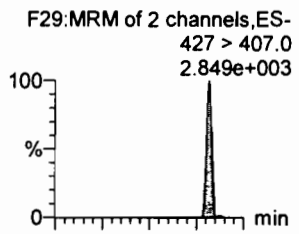
Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

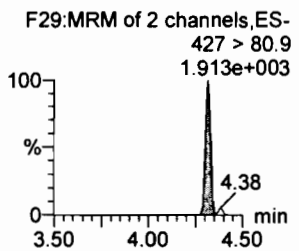
L-PFHxS





6:2 FTS





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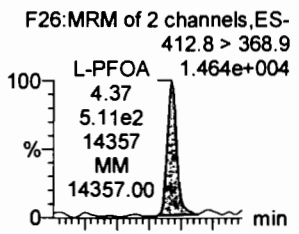

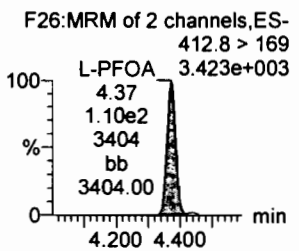

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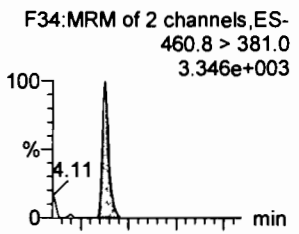

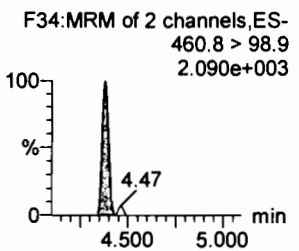

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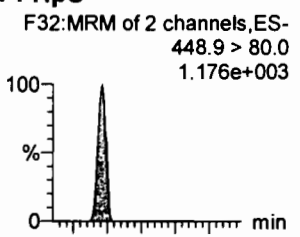
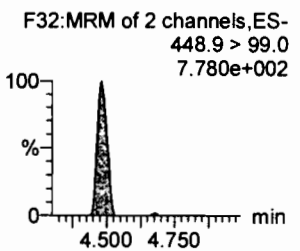
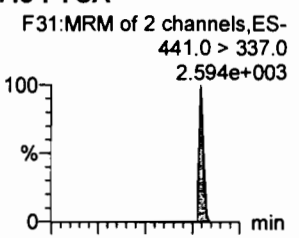
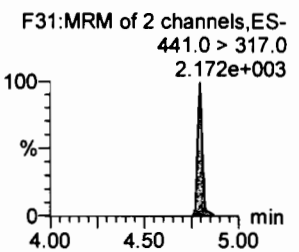


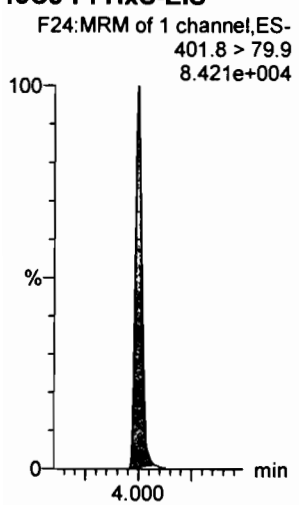


7:3 FTCA

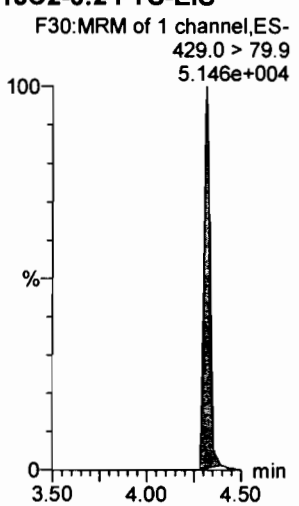




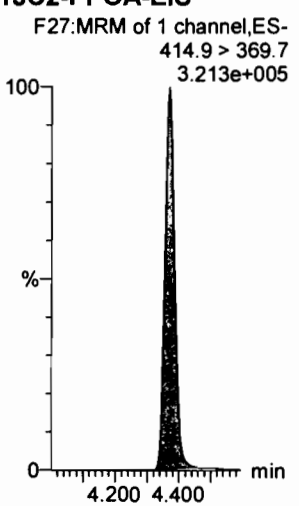
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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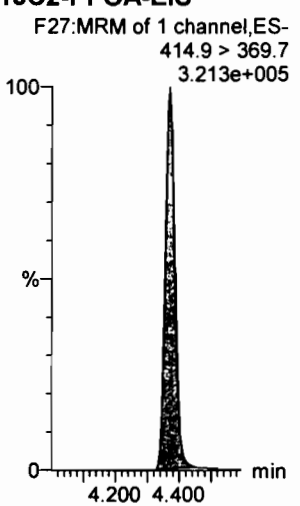
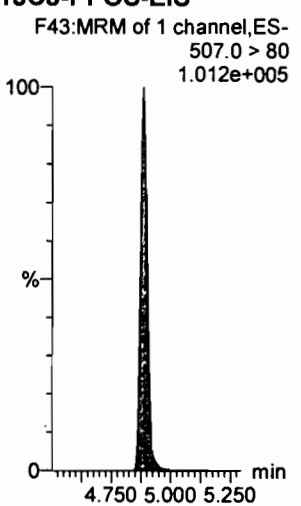
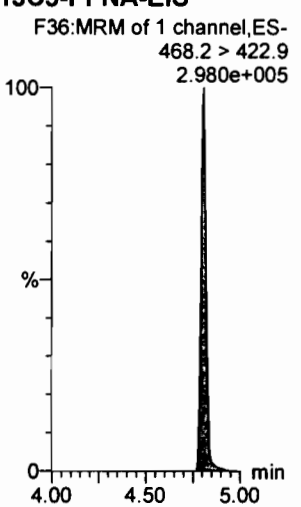


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

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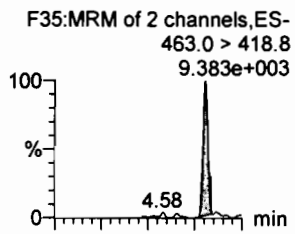

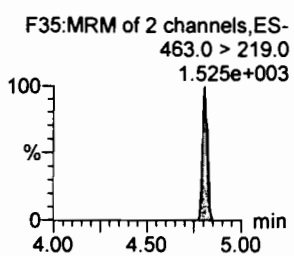

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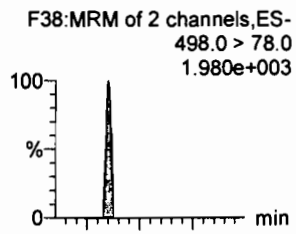
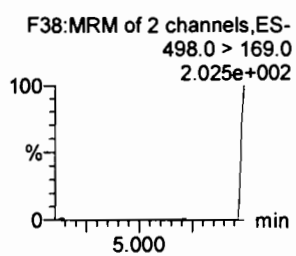
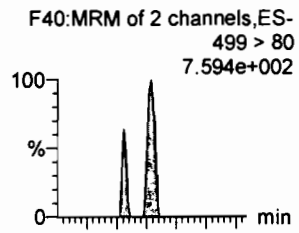
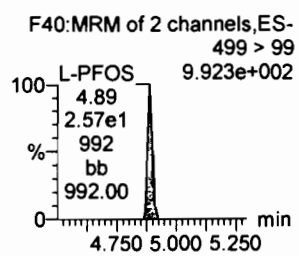


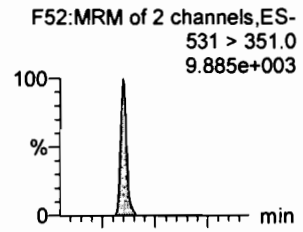


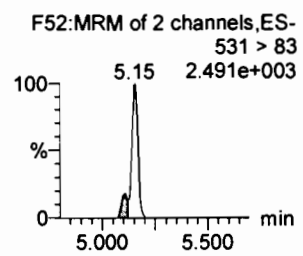
L-PFOS





9Cl-PF30NS





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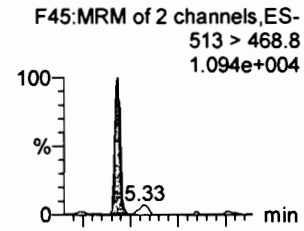
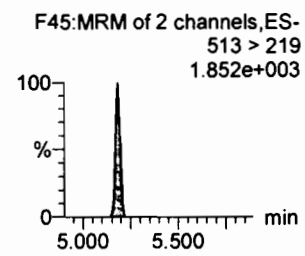
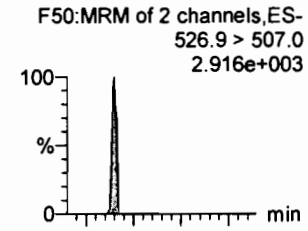
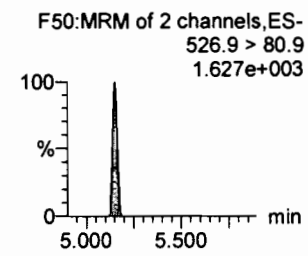


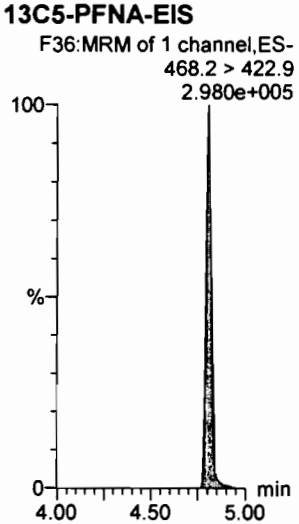


8:2 FTS

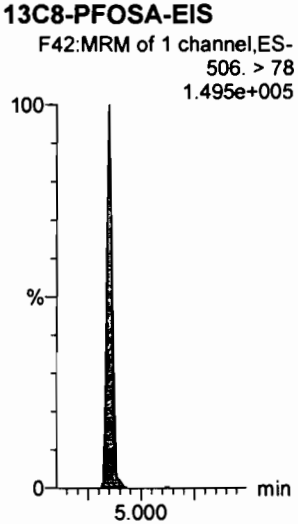




13C5-PFNA-EIS



13C8-PFOSA-EIS



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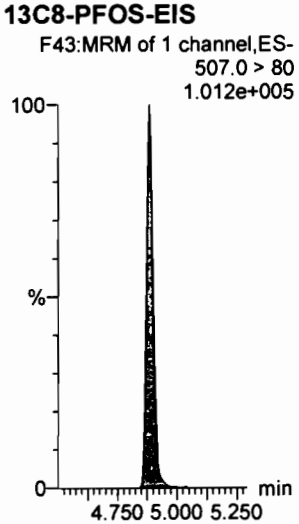
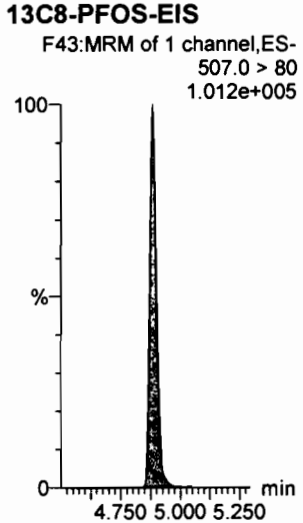
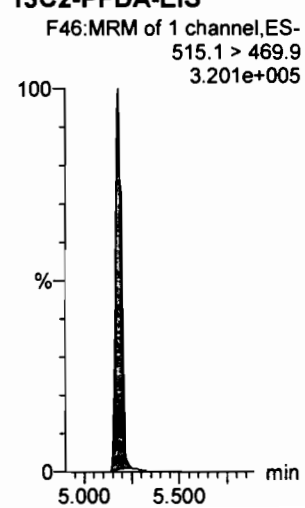


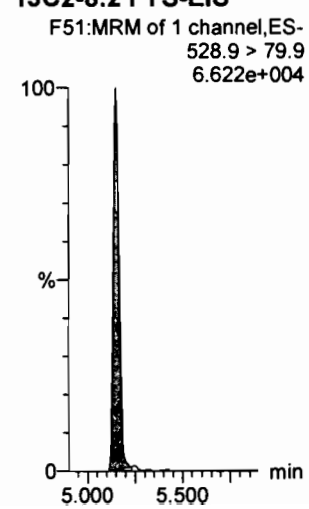
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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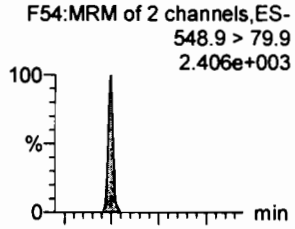
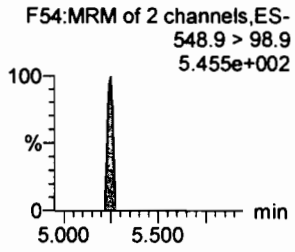
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFNS





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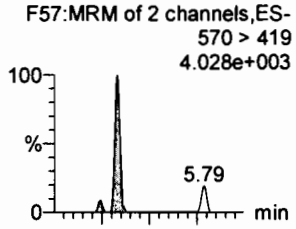

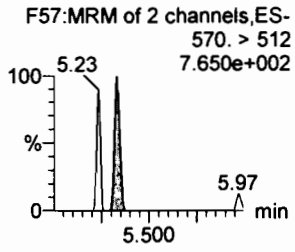

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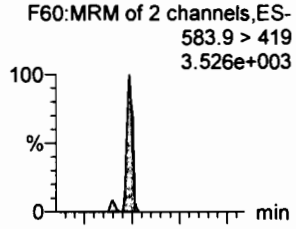

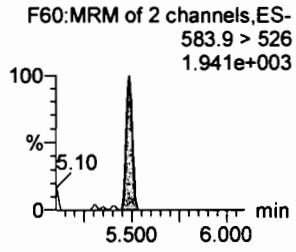

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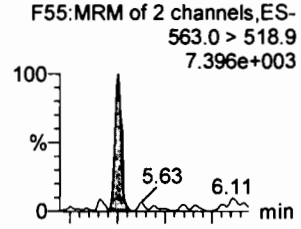

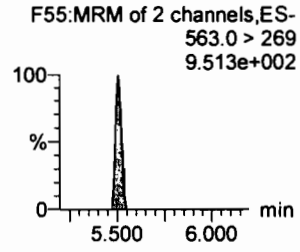

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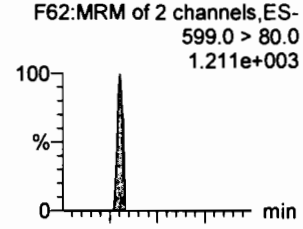

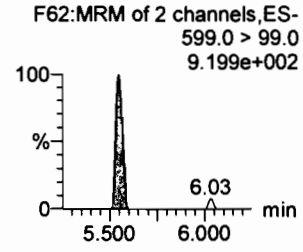

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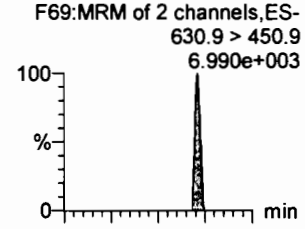
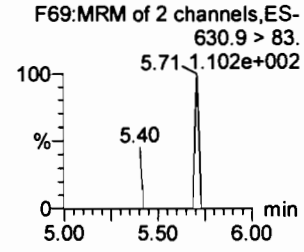
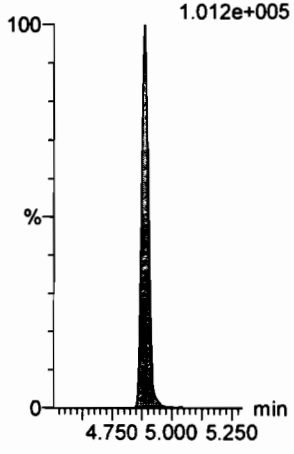




13C8-PFOS-EIS



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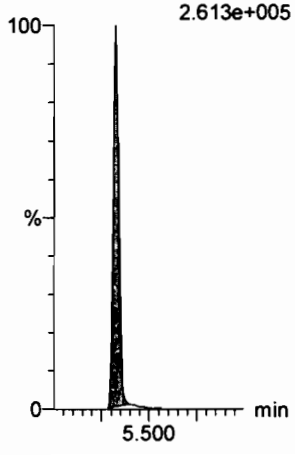

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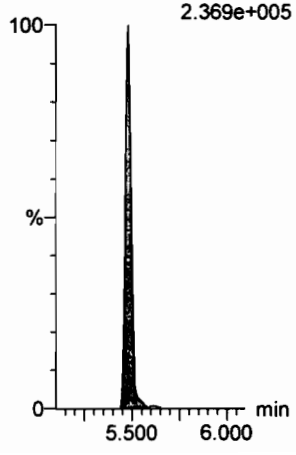

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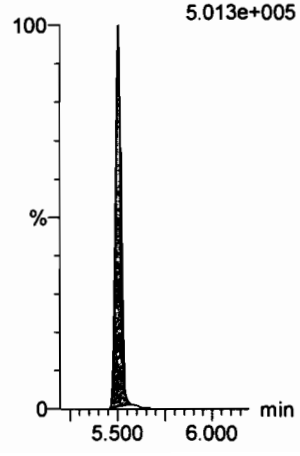

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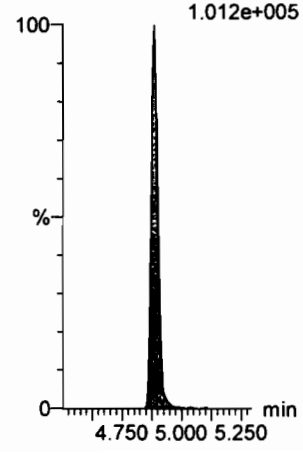

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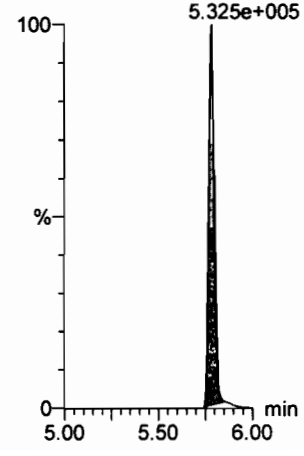

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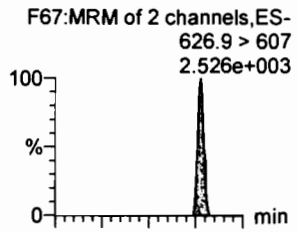
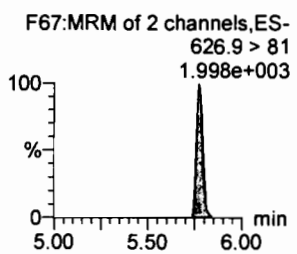
Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

10:2 FTS





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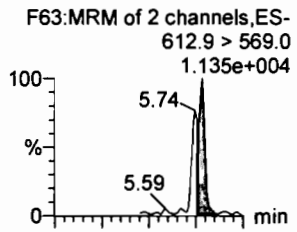

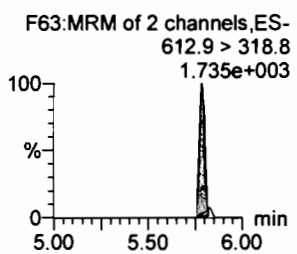

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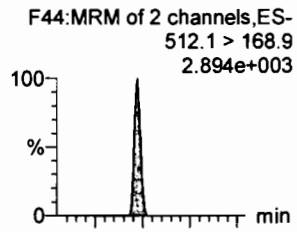

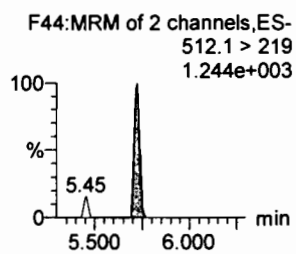

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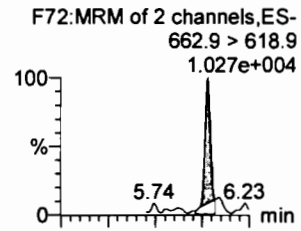

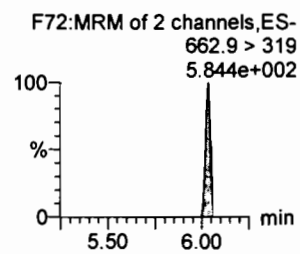

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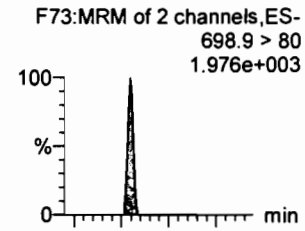

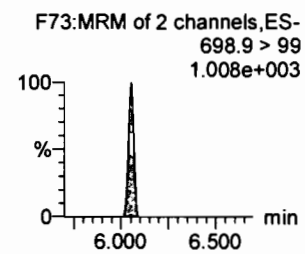

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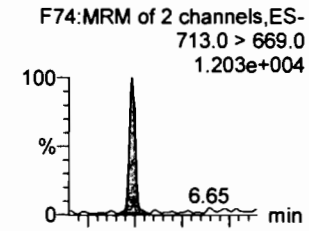

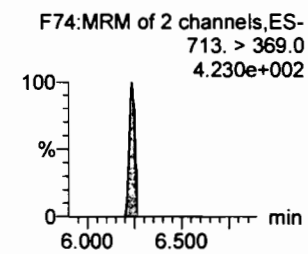

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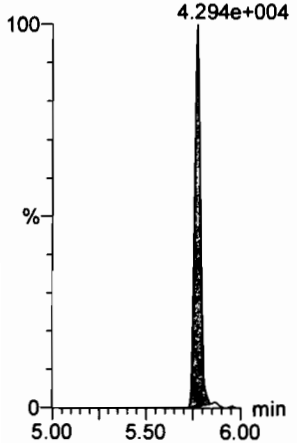

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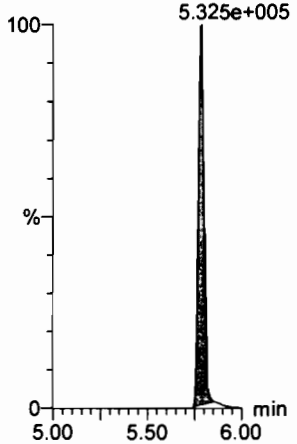
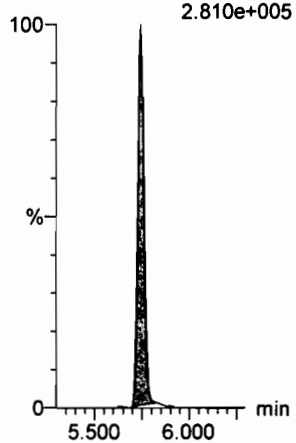


d3-N-MeFOSA-EIS



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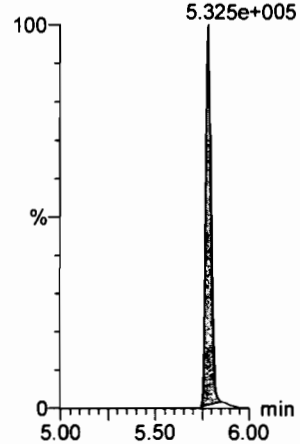

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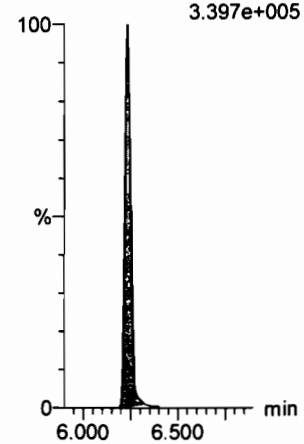

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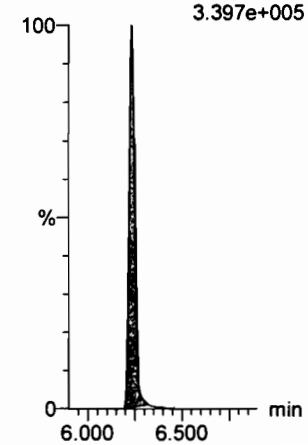

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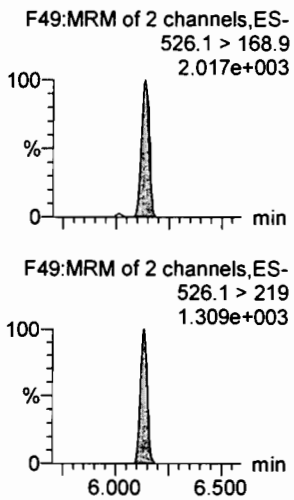
N-EtFOSA



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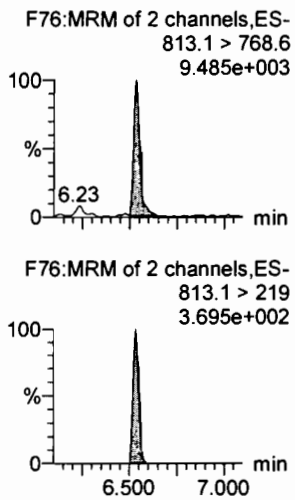

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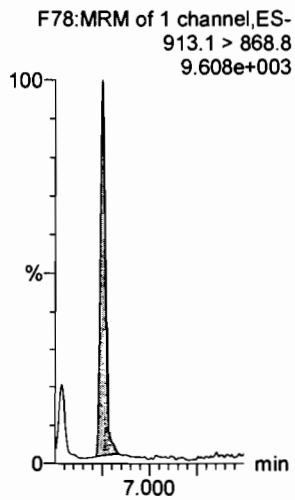
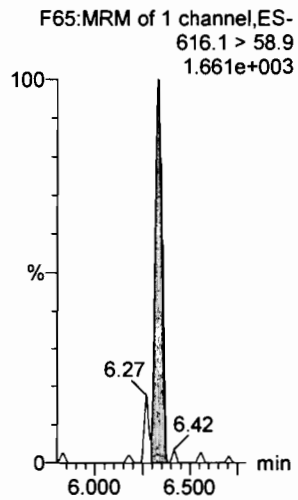


N-MeFOSE



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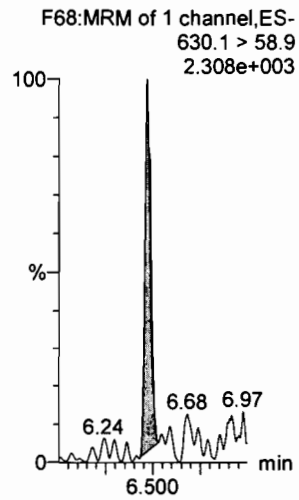

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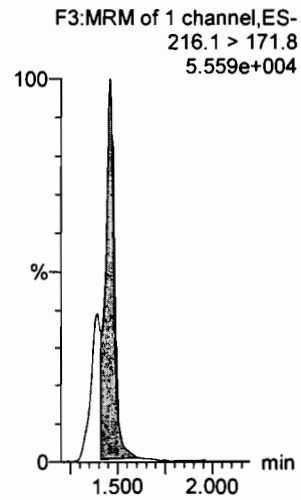
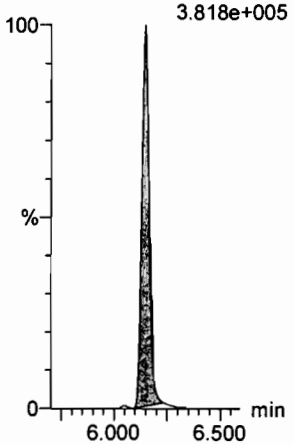


d5-N-ETFOSA-EIS



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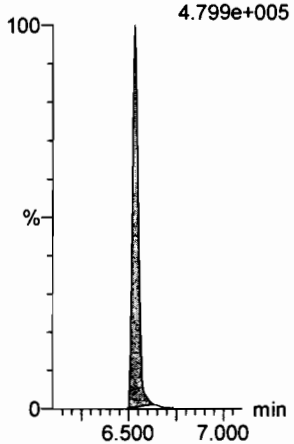

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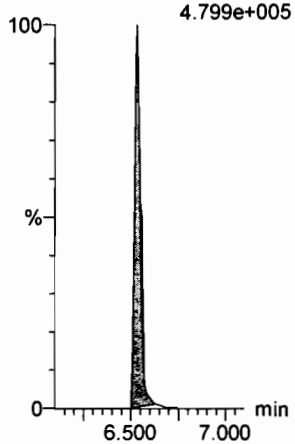

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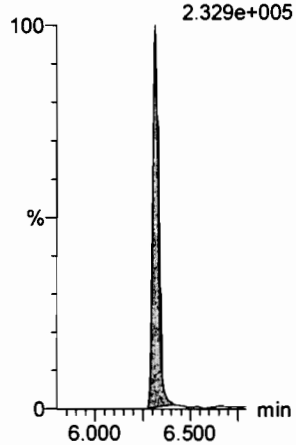

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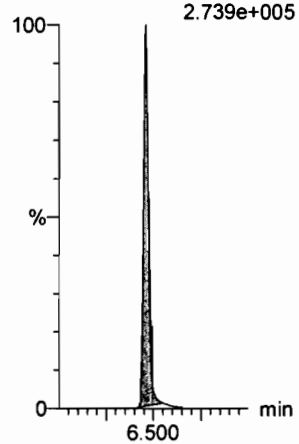

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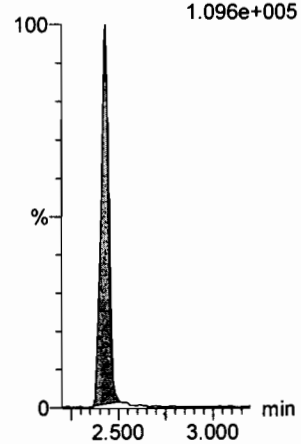

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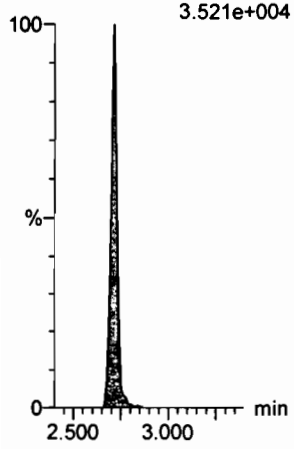
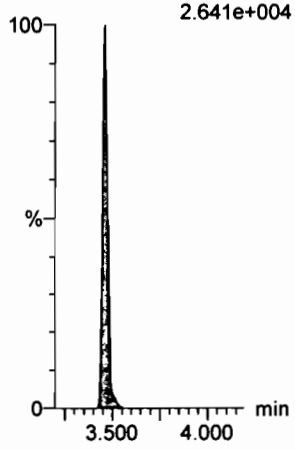
Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

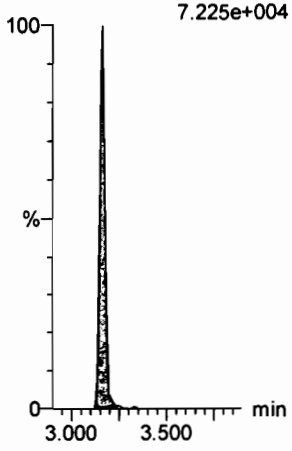
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.521e+004



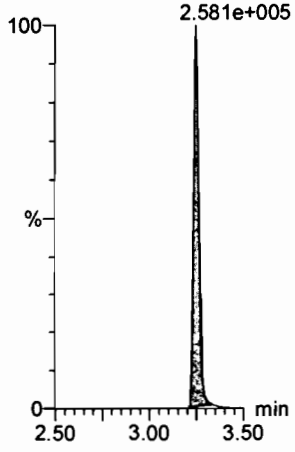
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.641e+004



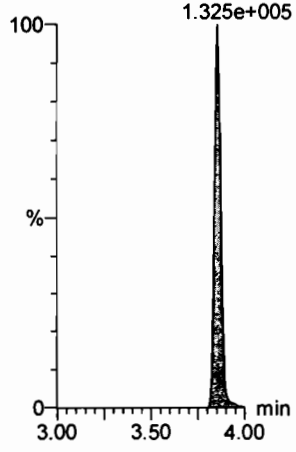
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.225e+004



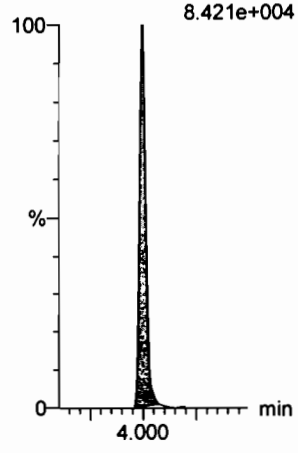
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.581e+005



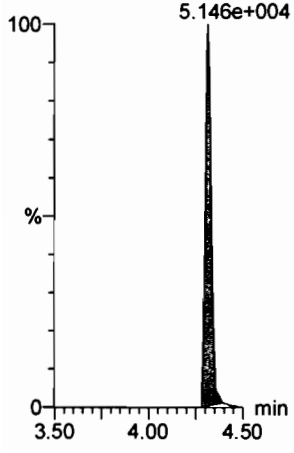
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.325e+005



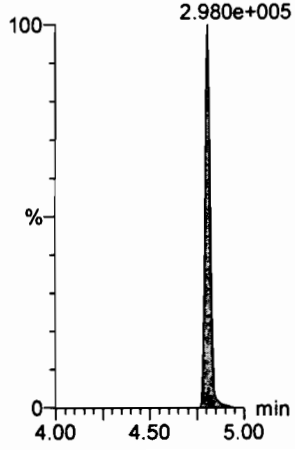
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.421e+004



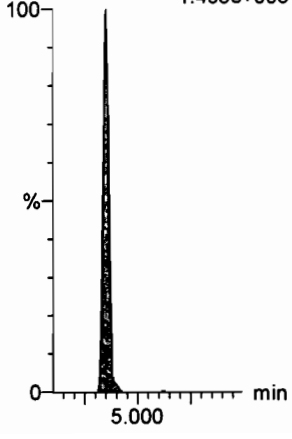
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.146e+004



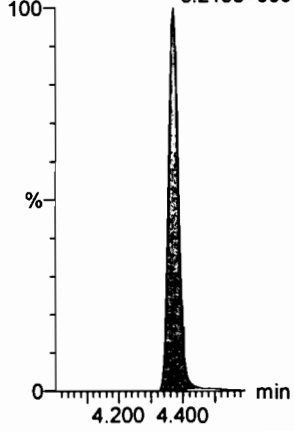
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.980e+005



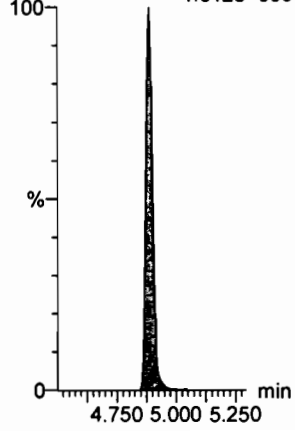
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.495e+005



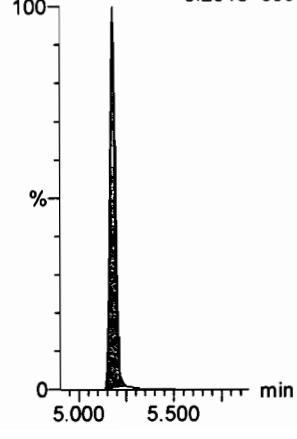
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.213e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.012e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.201e+005

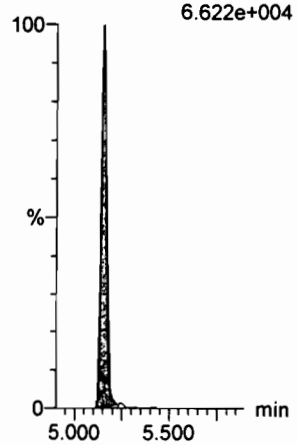


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

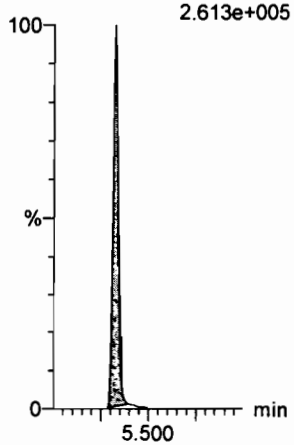
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

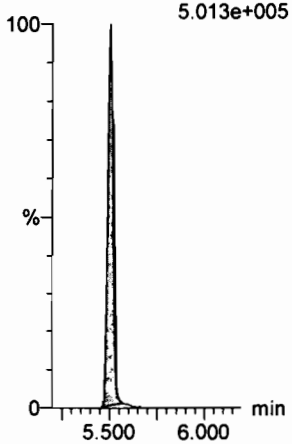
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.622e+004



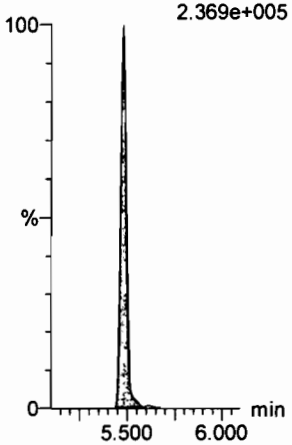
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.613e+005



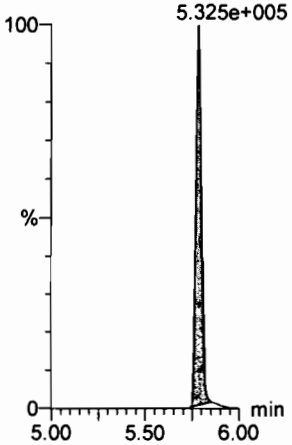
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.013e+005



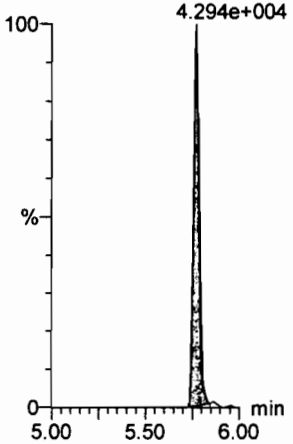
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.369e+005



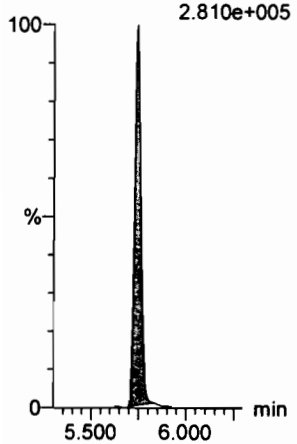
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.325e+005



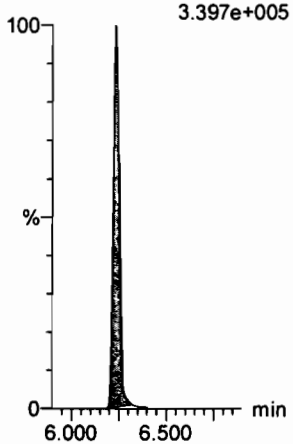
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.294e+004



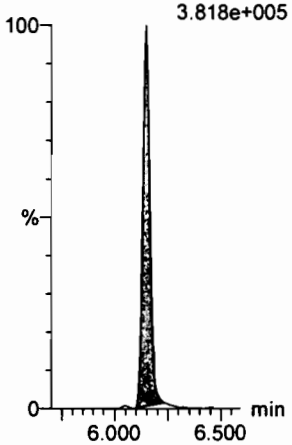
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.810e+005



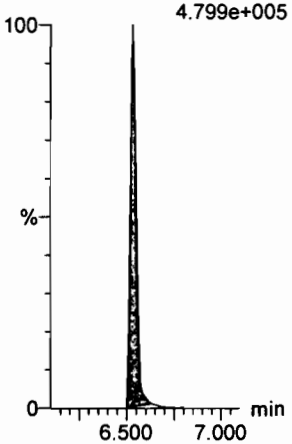
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.397e+005



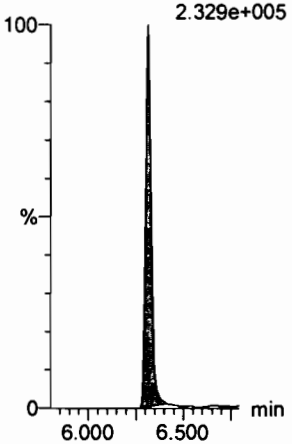
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.818e+005



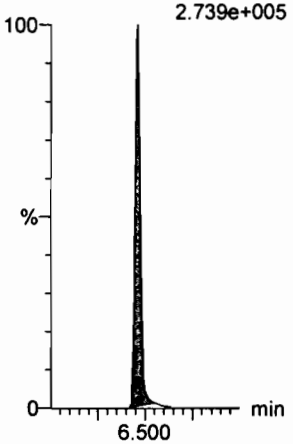
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
4.799e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.329e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.739e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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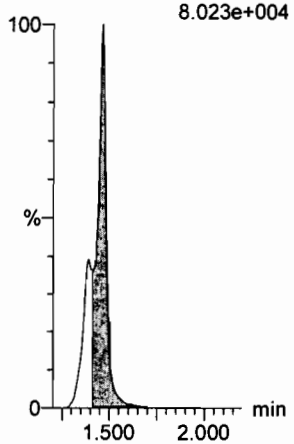
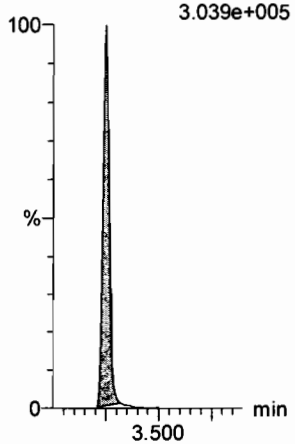
Name: 200702M1_3, Date: 02-Jul-2020, Time: 15:47:20, ID: ST200702M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

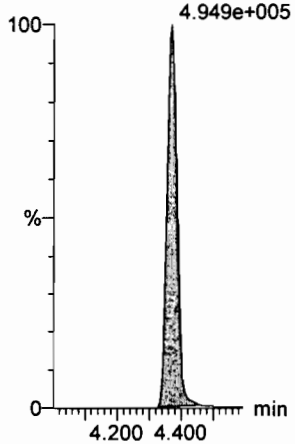
13C4-PFBA



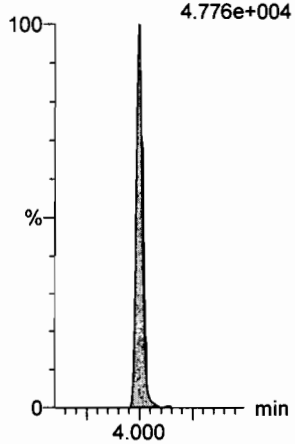
13C5-PFHxA



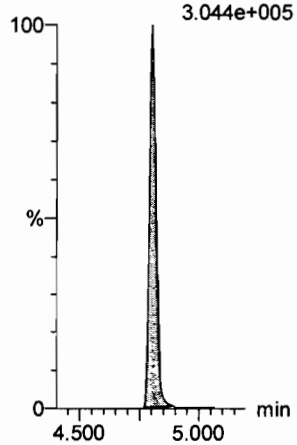
13C8-PFOA



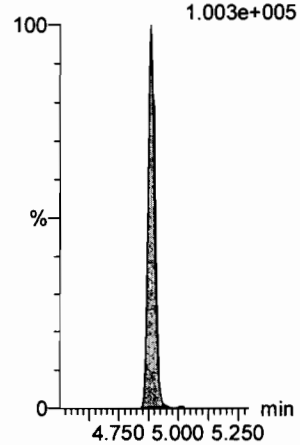
18O2-PFHxS



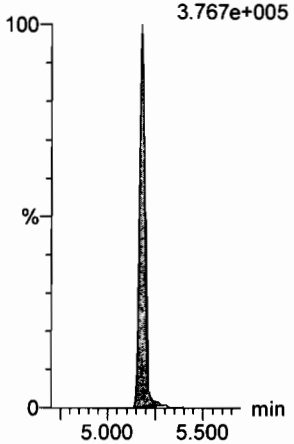
13C9-PFNA



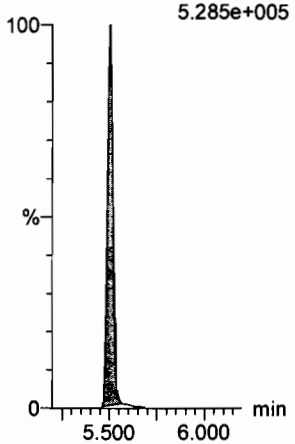
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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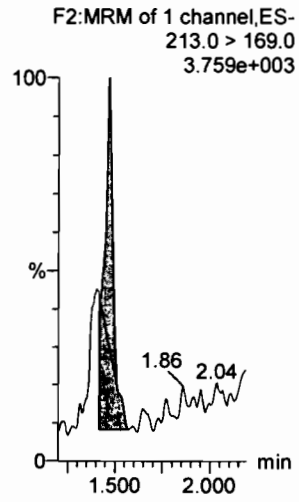
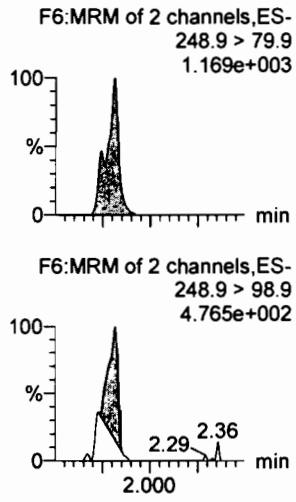
Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

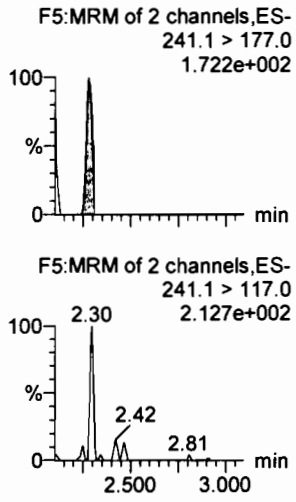
PFBA



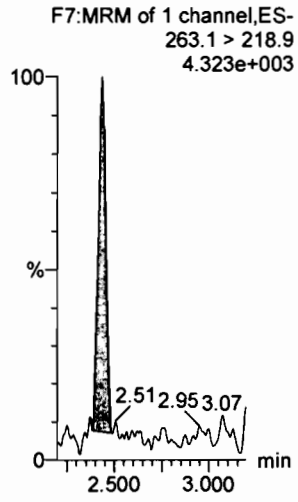
PFPrS



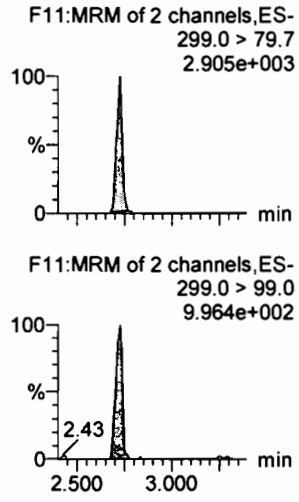
3:3 FTCA



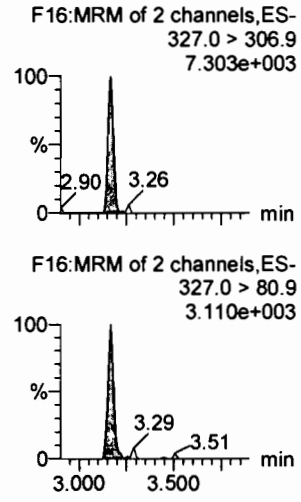
PFPeA



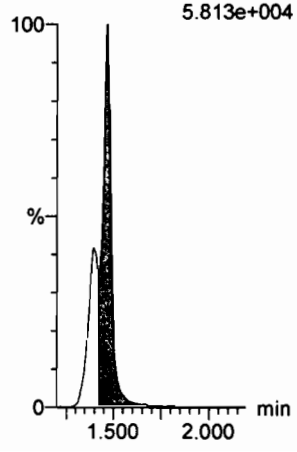
PFBS



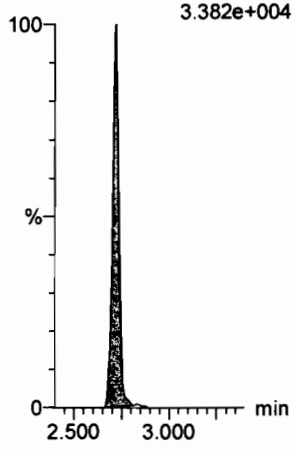
4:2 FTS



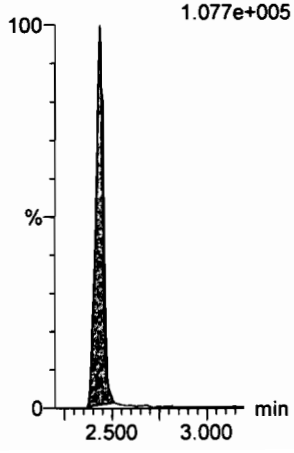
13C3-PFBA-EIS



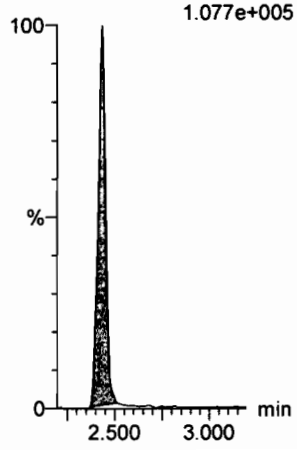
13C3-PFBS-EIS



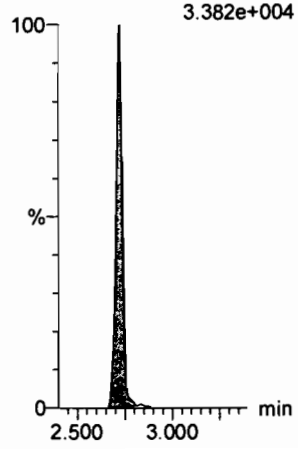
13C3-PFPeA-EIS



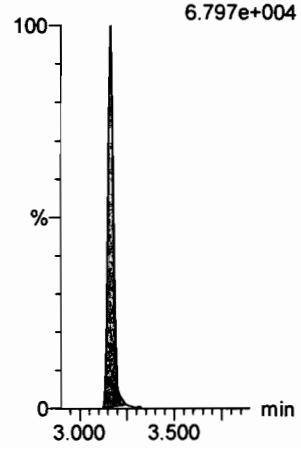
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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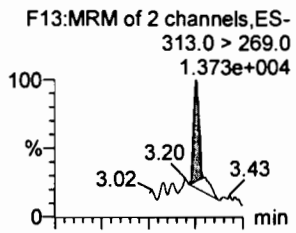
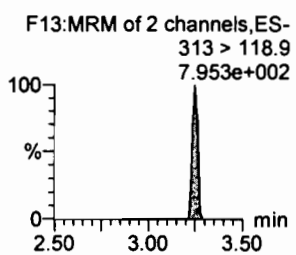
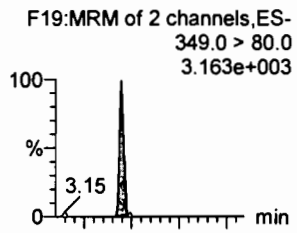
Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

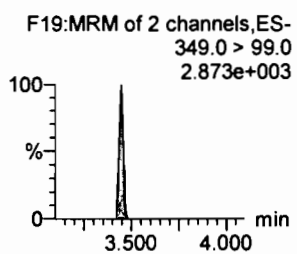
PFHxA



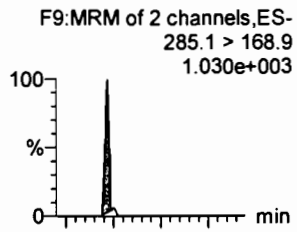


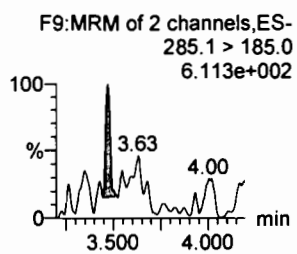
PFPeS



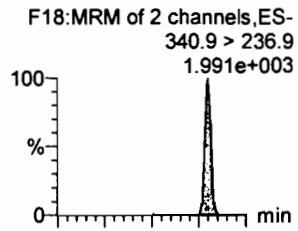


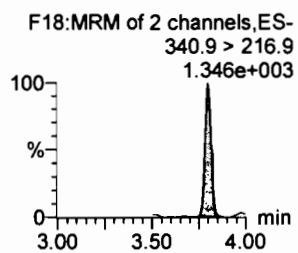
HFPO-DA



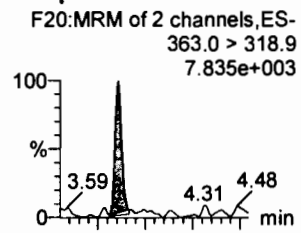


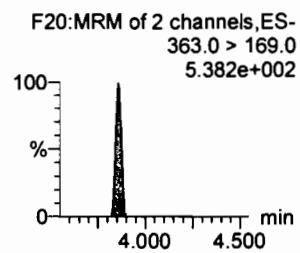
5:3 FTCA





PFHpA





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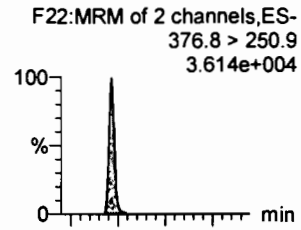
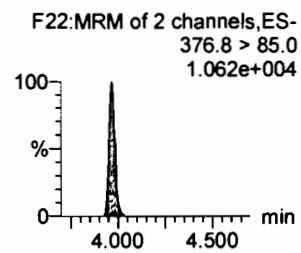
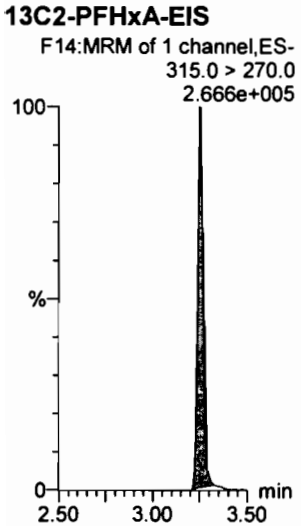
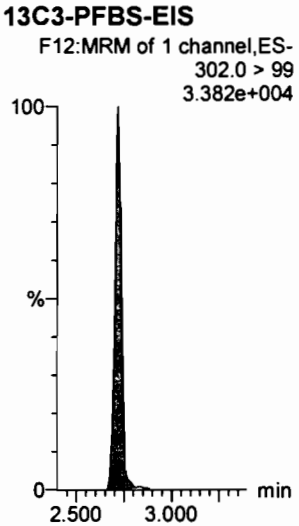




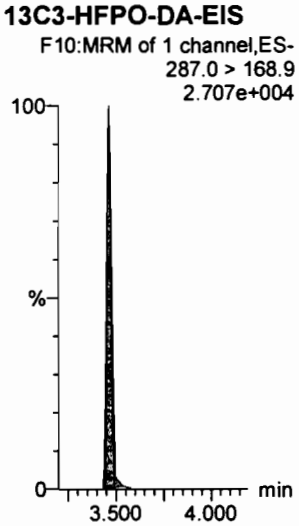
13C2-PFHxA-EIS



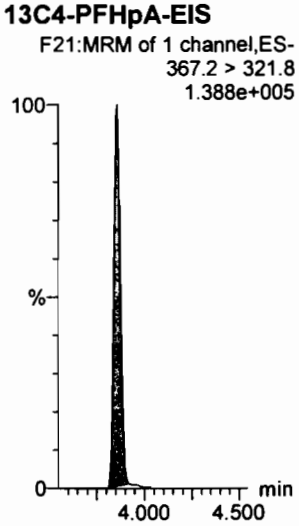
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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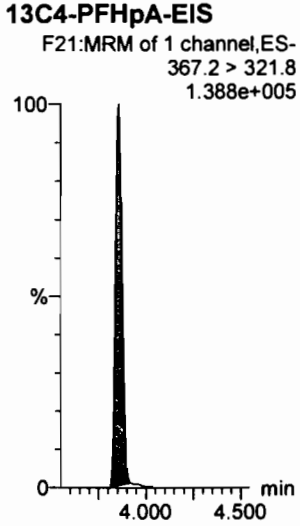

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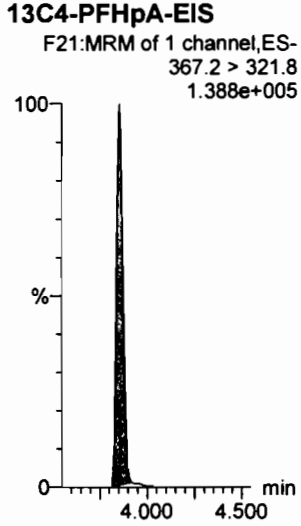

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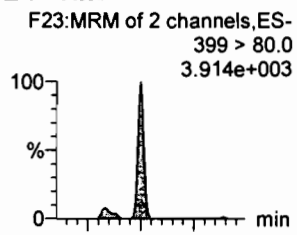
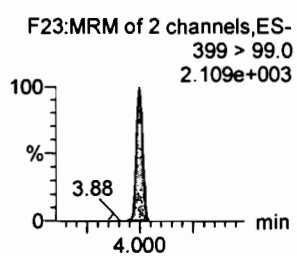
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

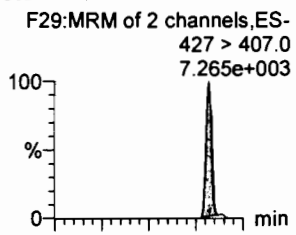
Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

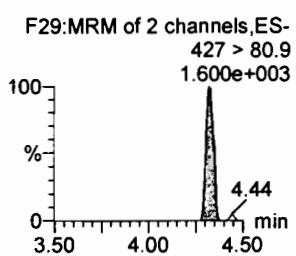
L-PFHxS





6:2 FTS





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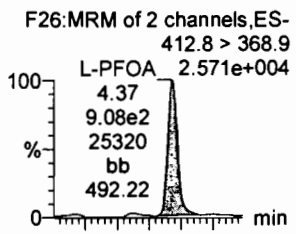
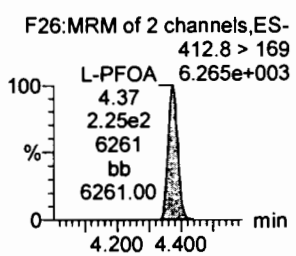
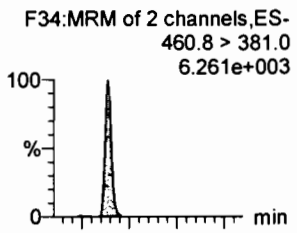
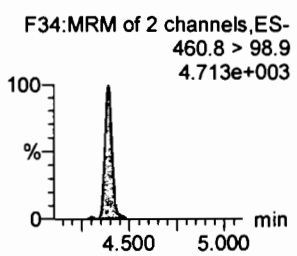




PFEChS





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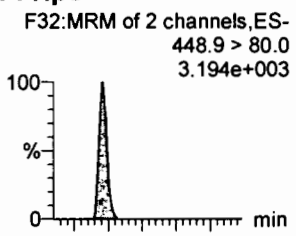
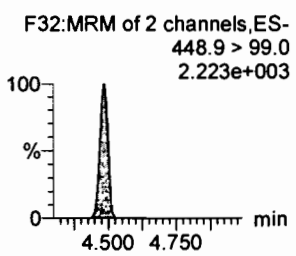
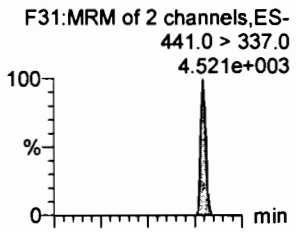
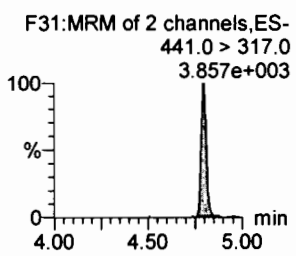


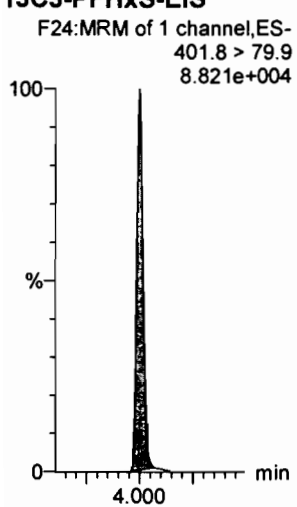


7:3 FTCA

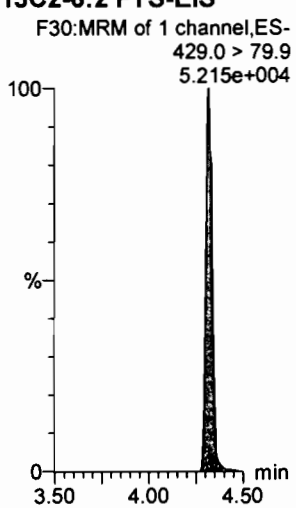




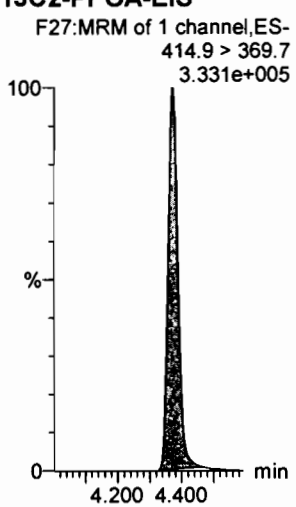
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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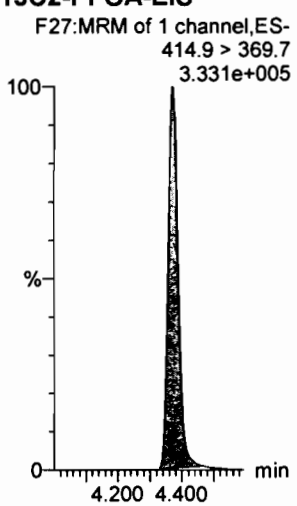
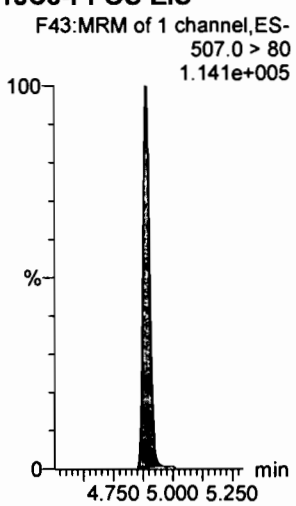
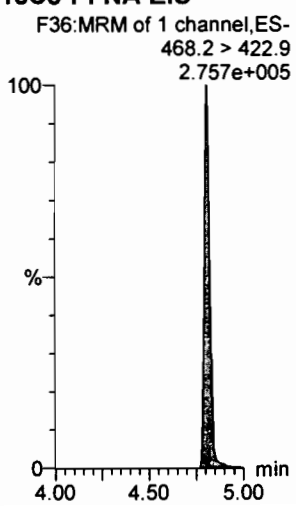


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

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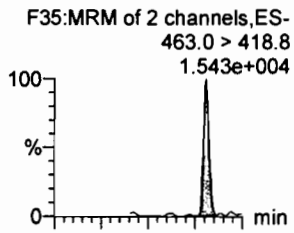

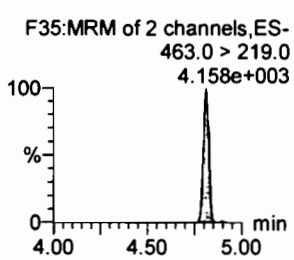

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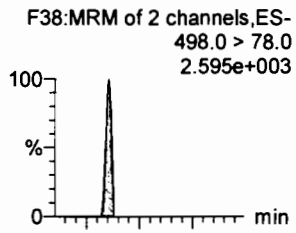
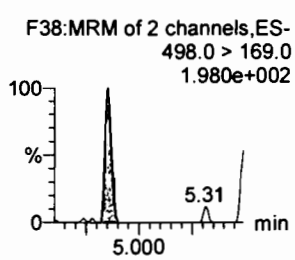
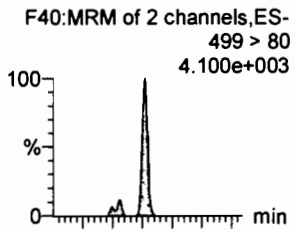
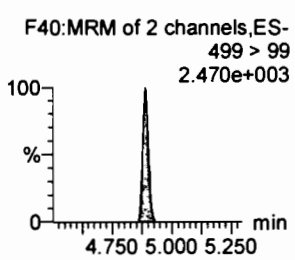


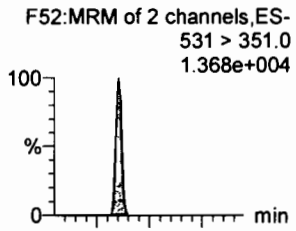


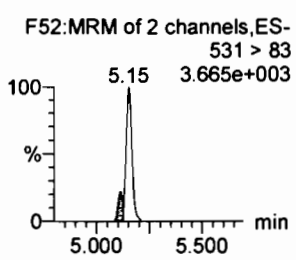
L-PFOS



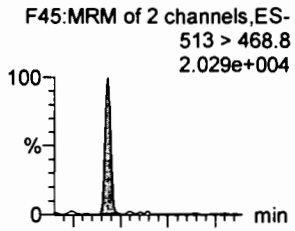


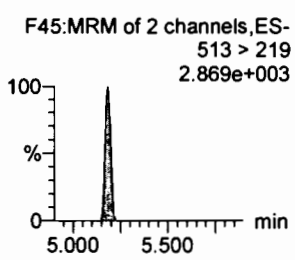
9Cl-PF30NS



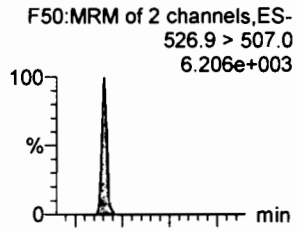


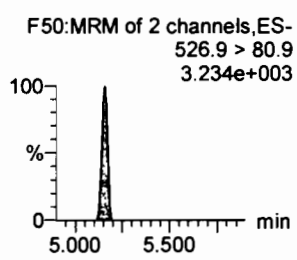
PFDA



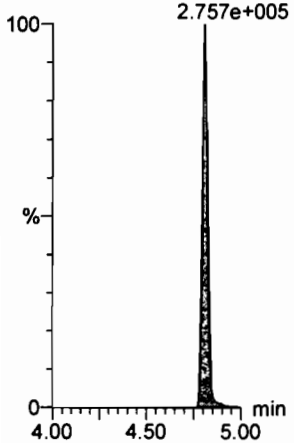


8:2 FTS

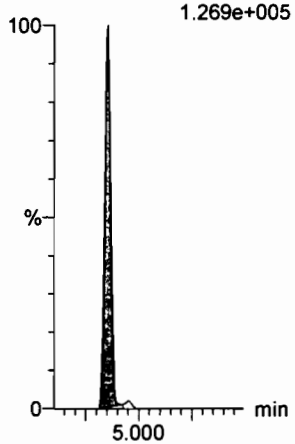




13C5-PFNA-EIS



13C8-PFOSA-EIS



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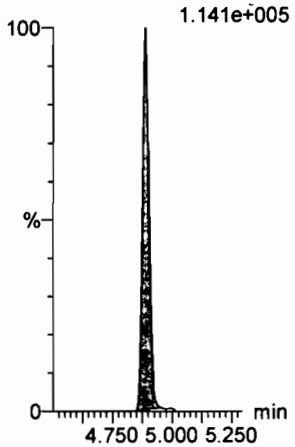

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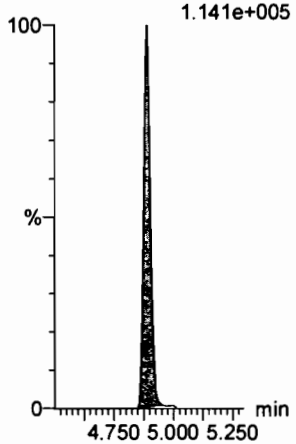
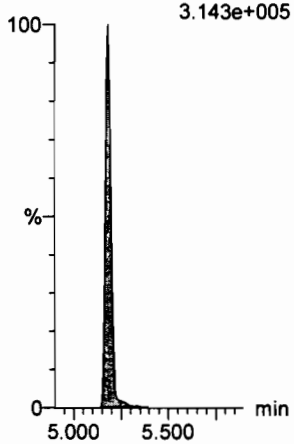
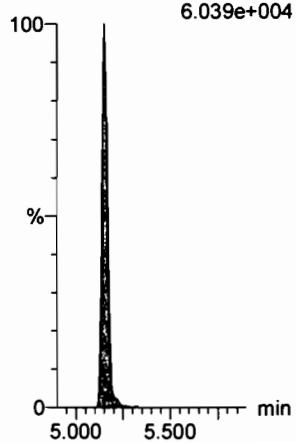


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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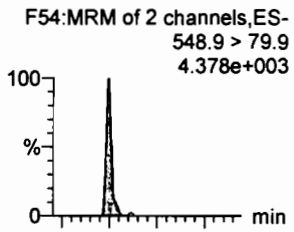
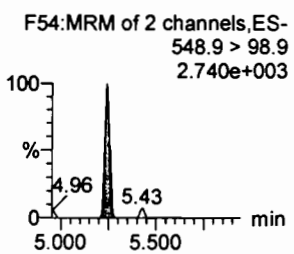
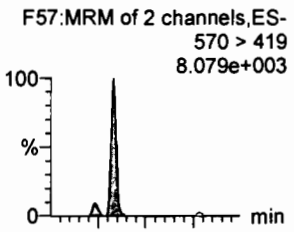
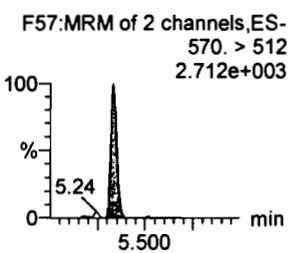
PFNS





L-MeFOSAA





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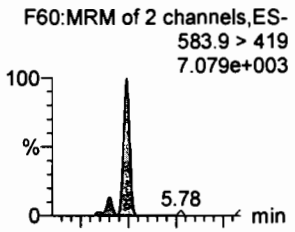
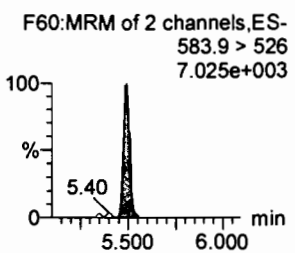
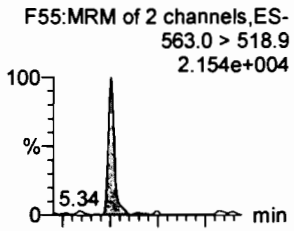
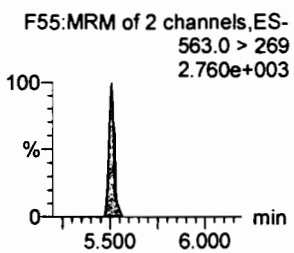


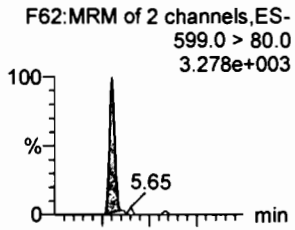


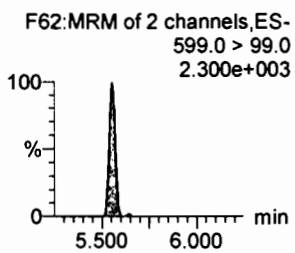
PFUdA



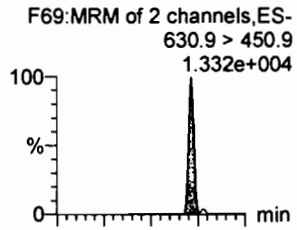


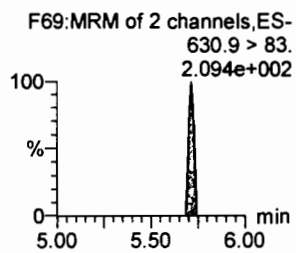
PFDS



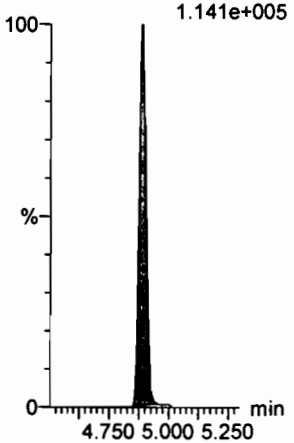


11Cl-PF30UdS

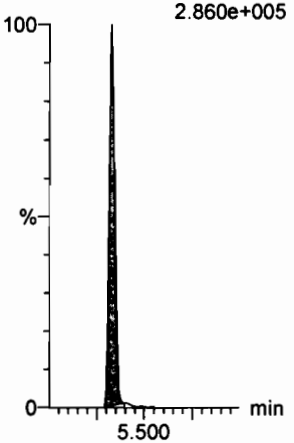




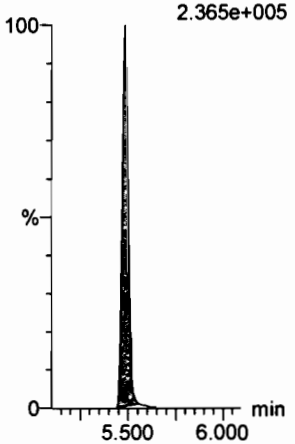
13C8-PFOS-EIS



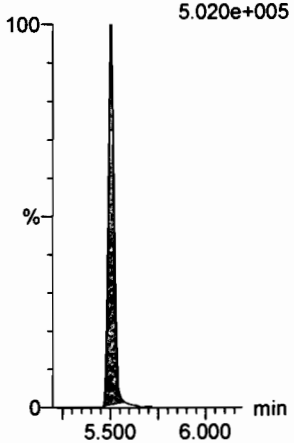
d3-N-MeFOSAA-EIS



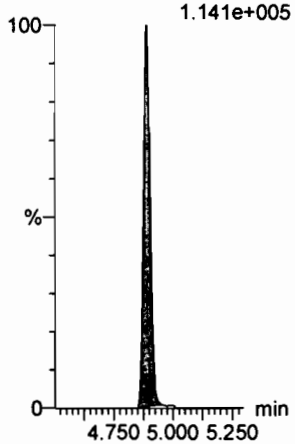
d5-N-EtFOSAA-EIS



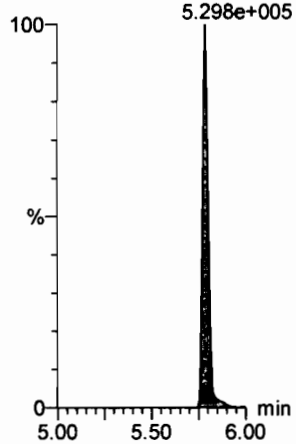
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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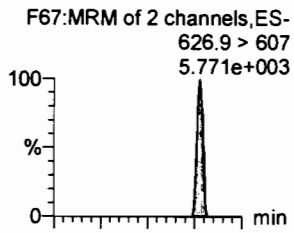
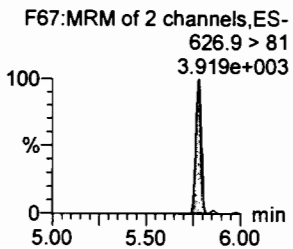
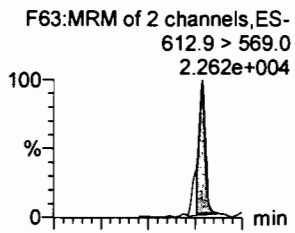
Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

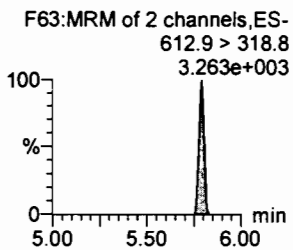
10:2 FTS



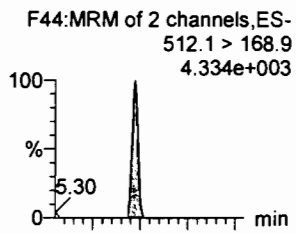


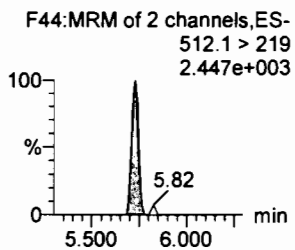
PFDoA





N-MeFOSA





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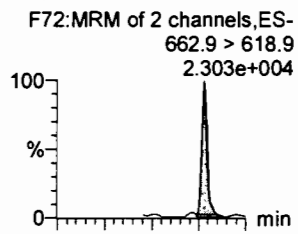

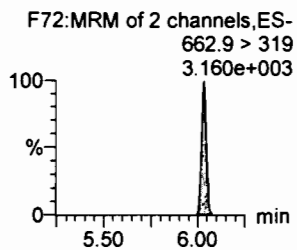

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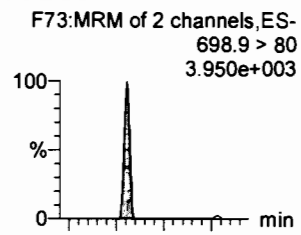

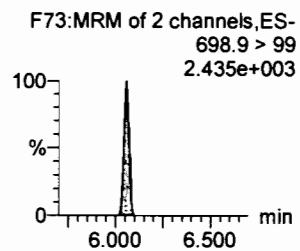

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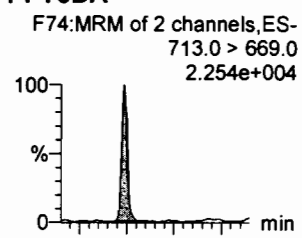
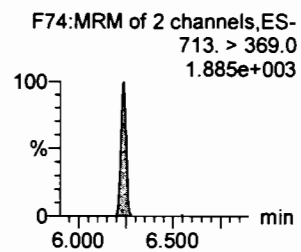
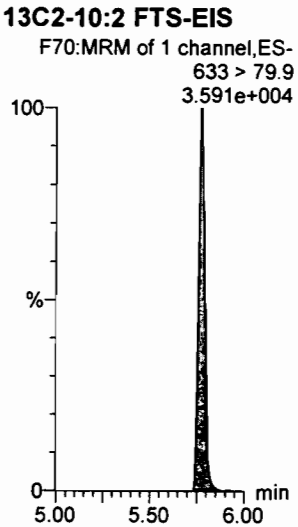
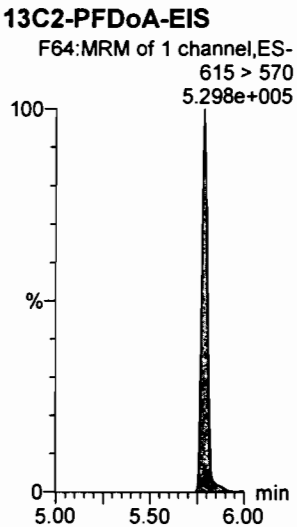




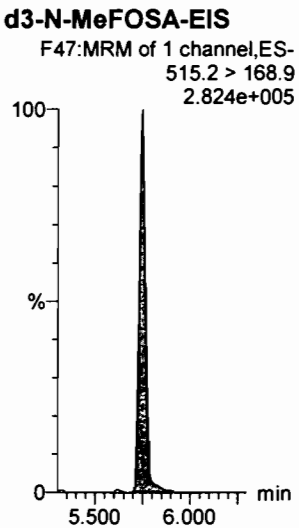
13C2-10:2 FTS-EIS



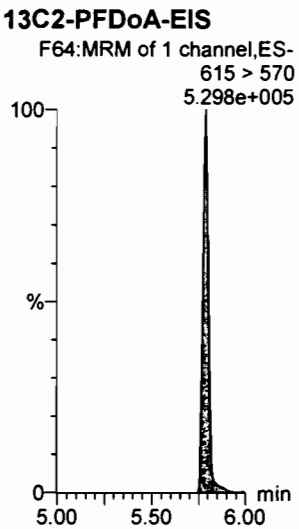
13C2-PFDoA-EIS



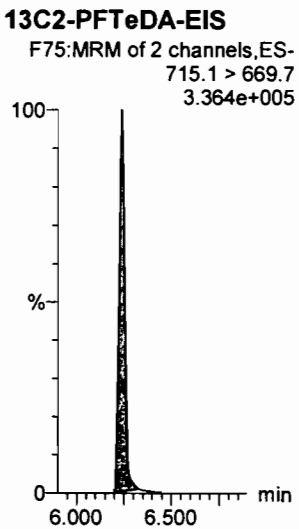
d3-N-MeFOSA-EIS



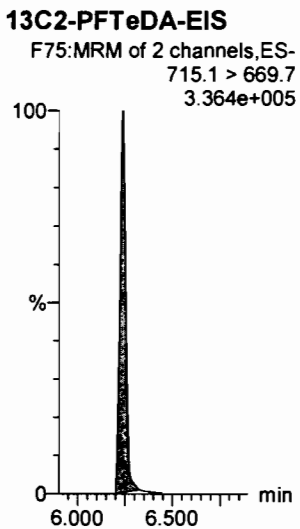
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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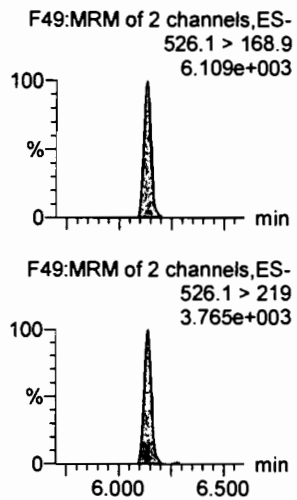
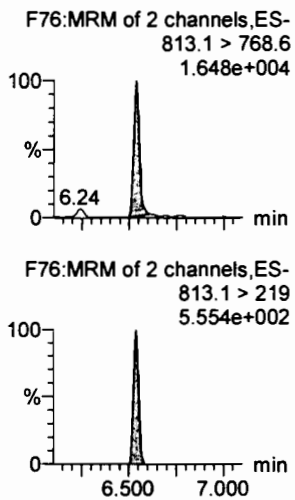
Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

N-EtFOSA



PFHxDA



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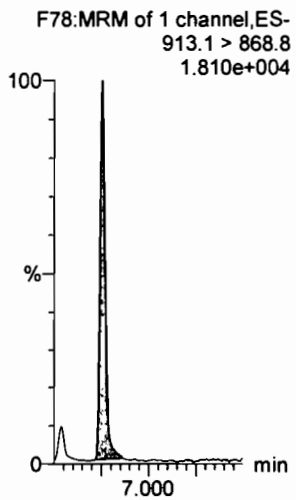
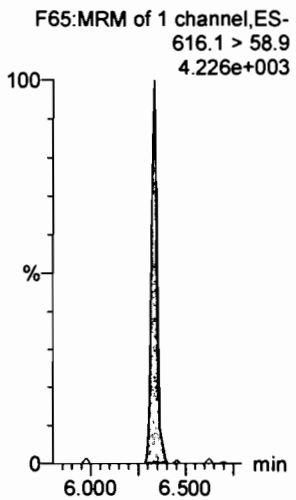
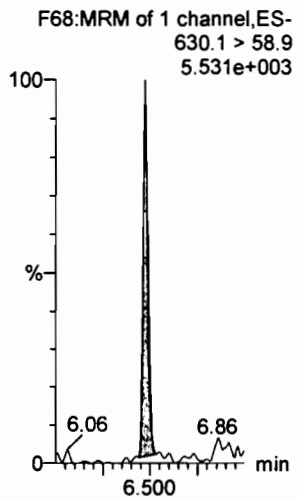


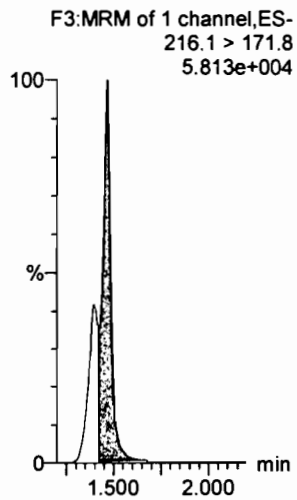
N-MeFOSE



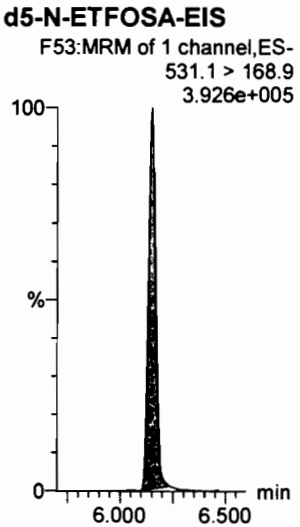
N-EtFOSE



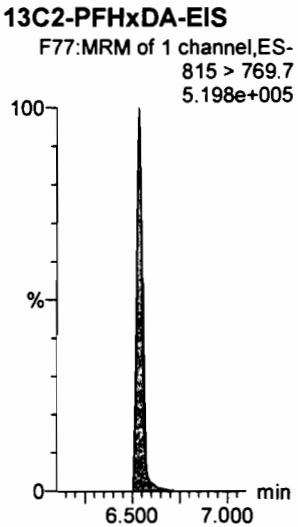
13C3-PFBA-RSD



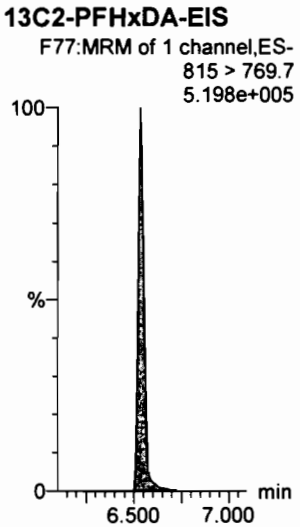
d5-N-ETFOSA-EIS



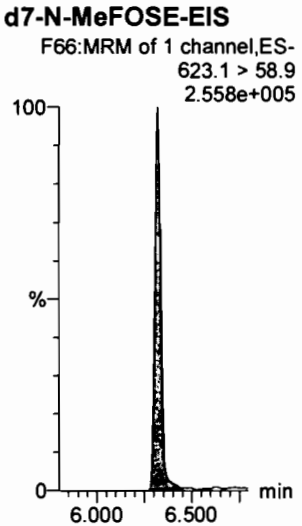
13C2-PFHxDA-EIS



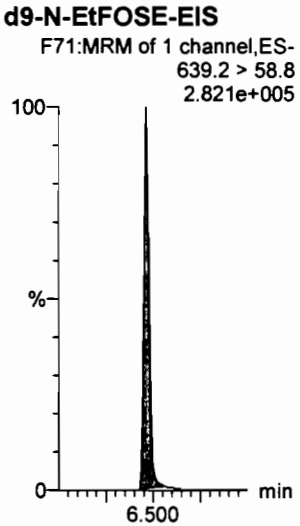
13C2-PFHxDA-EIS



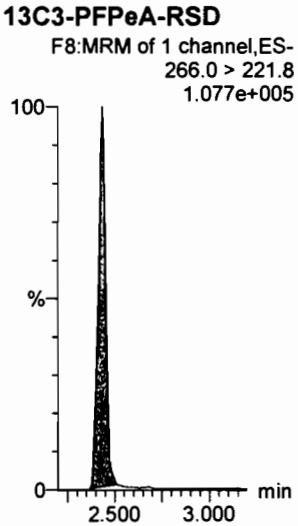
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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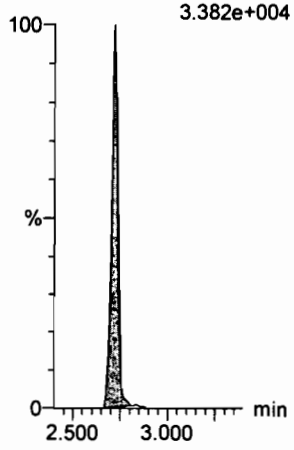
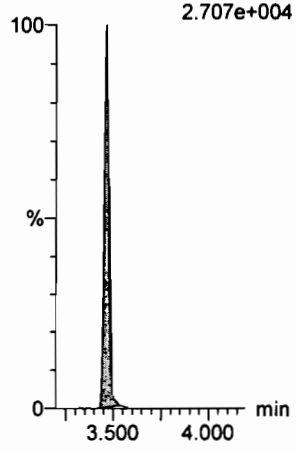
Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

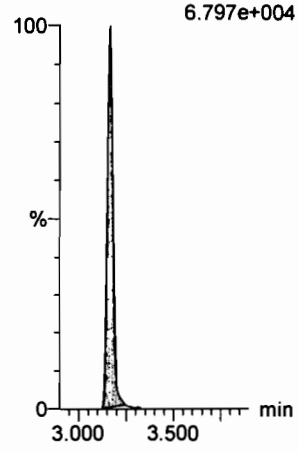
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.382e+004



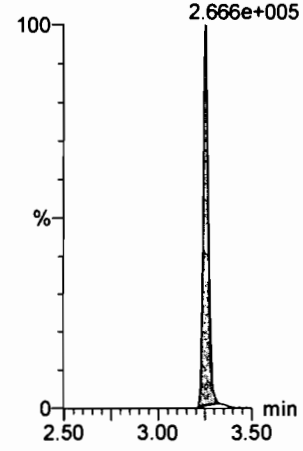
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.707e+004



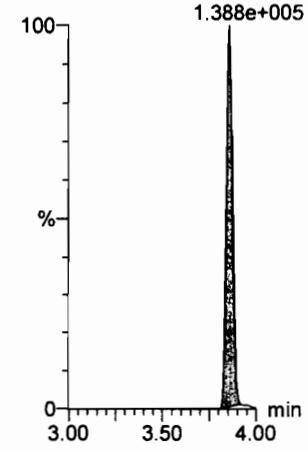
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.797e+004



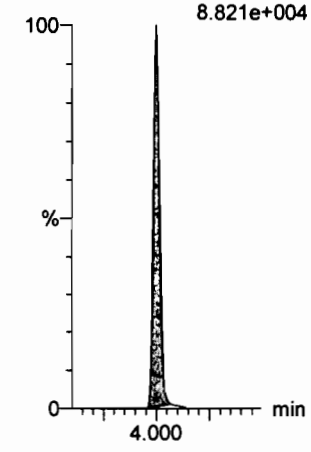
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.666e+005



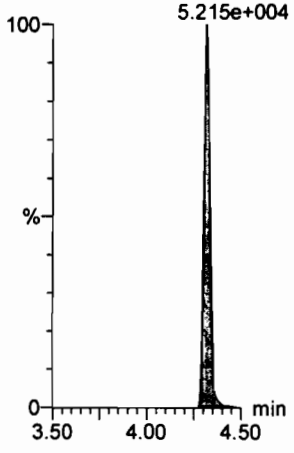
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.388e+005



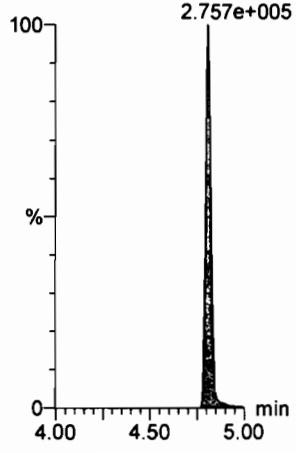
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.821e+004



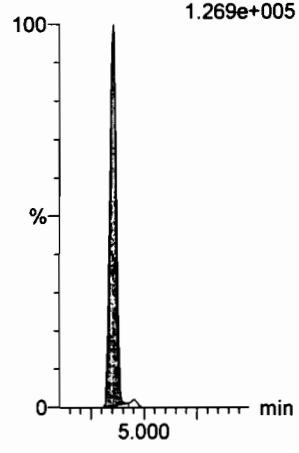
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.215e+004



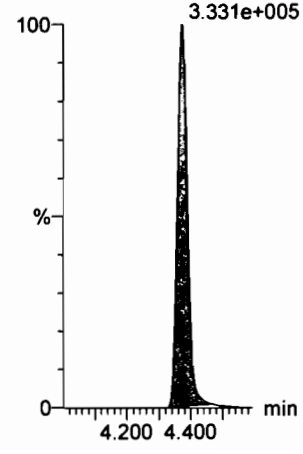
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.757e+005



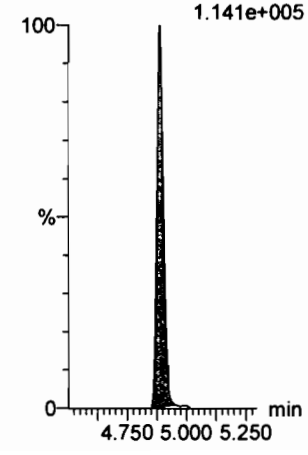
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.269e+005



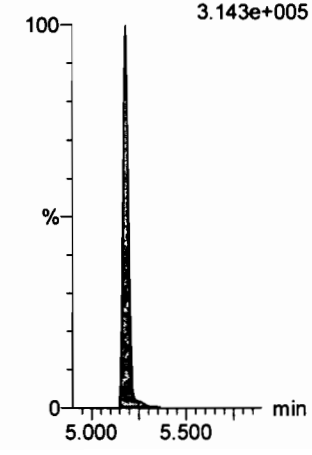
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.331e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.141e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.143e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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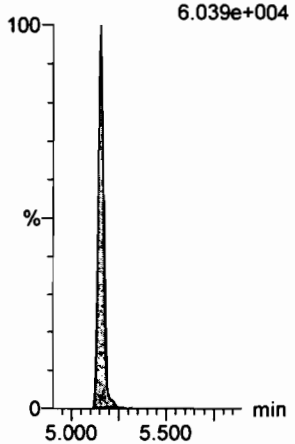
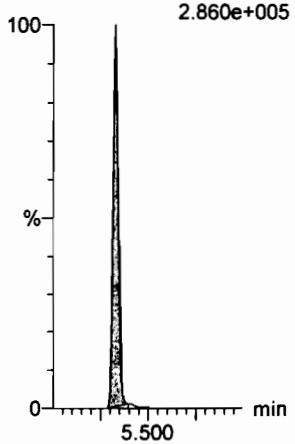
Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

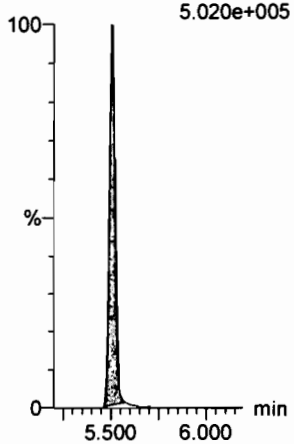
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.039e+004



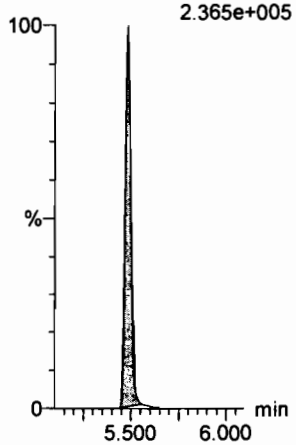
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.860e+005



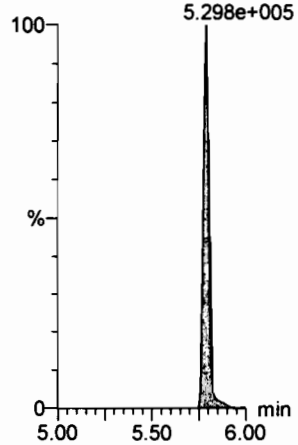
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.020e+005



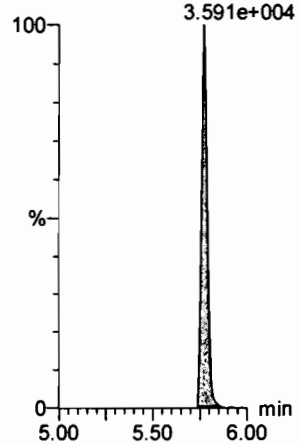
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.365e+005



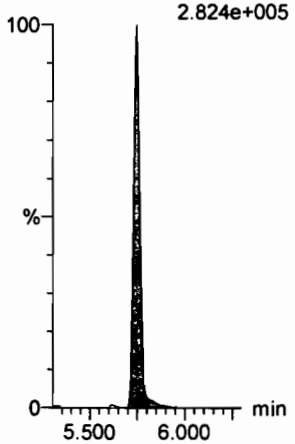
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.298e+005



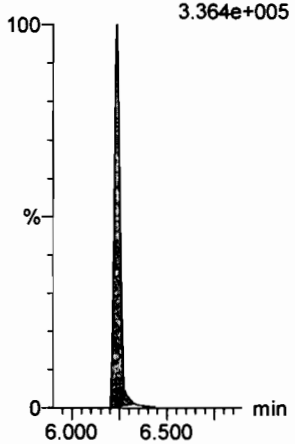
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.591e+004



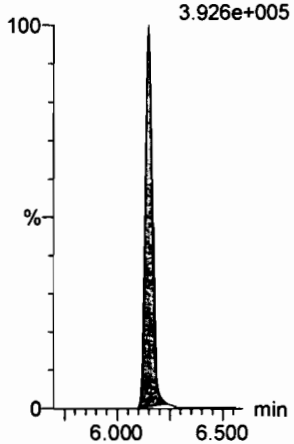
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.824e+005



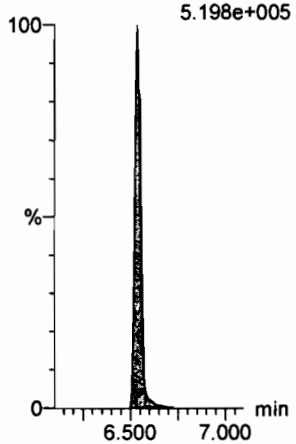
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.364e+005



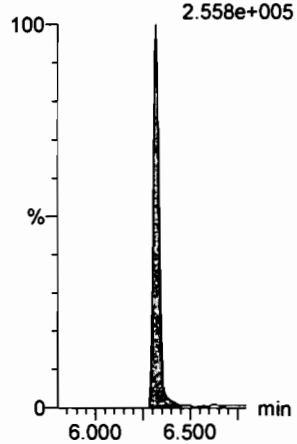
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.926e+005



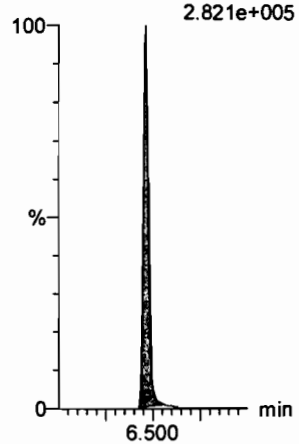
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.198e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.558e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.821e+005

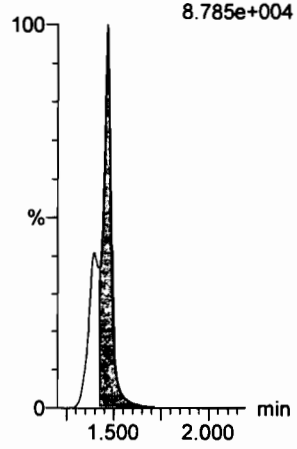


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

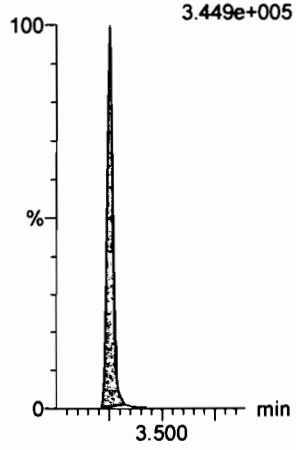
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_4, Date: 02-Jul-2020, Time: 15:57:44, ID: ST200702M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

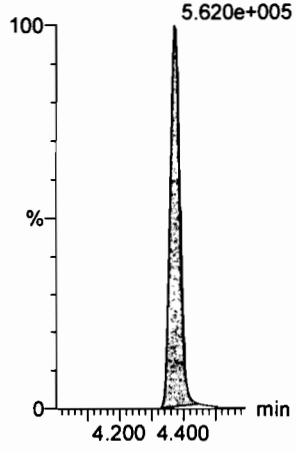
13C4-PFBA



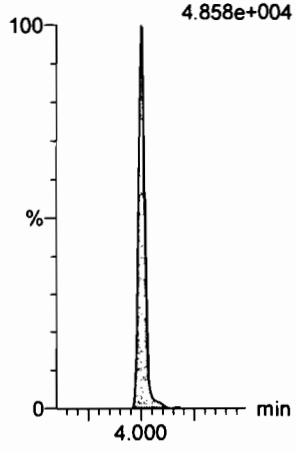
13C5-PFHxA



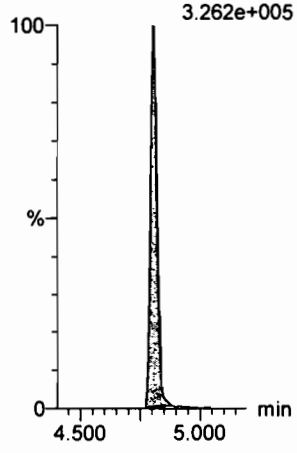
13C8-PFOA



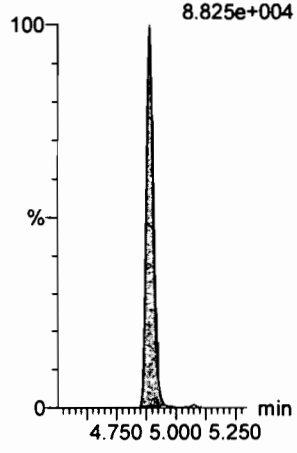
18O2-PFHxS



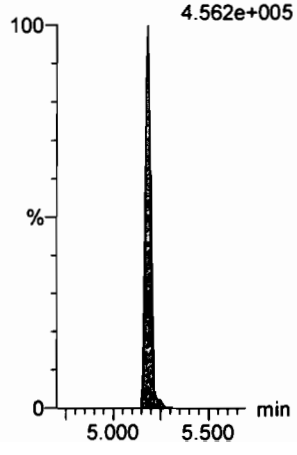
13C9-PFNA



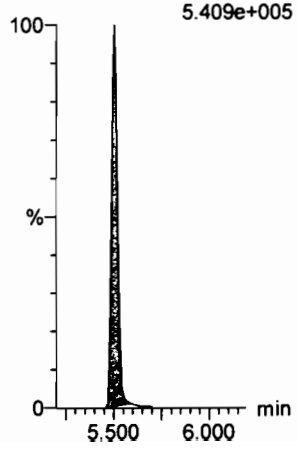
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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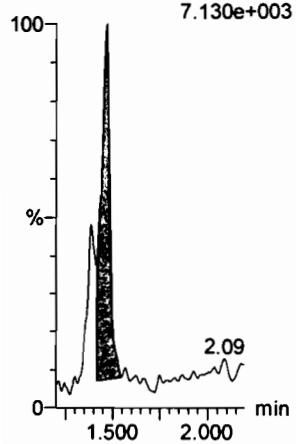
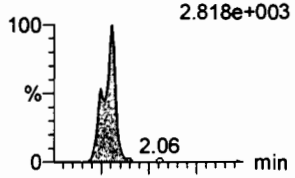
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

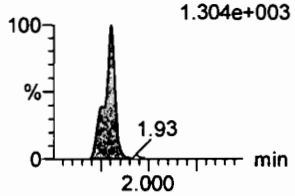
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
7.130e+003



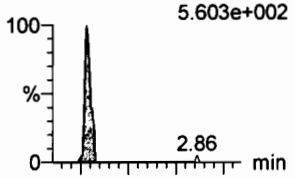
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.818e+003



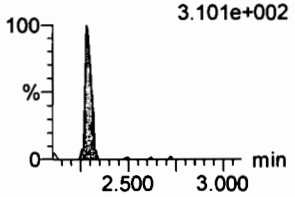
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.304e+003



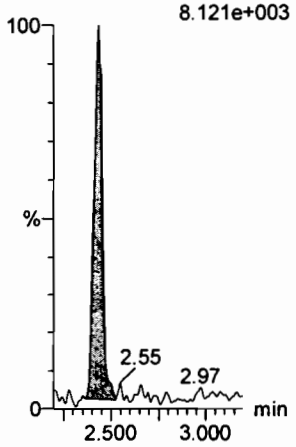
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
5.603e+002



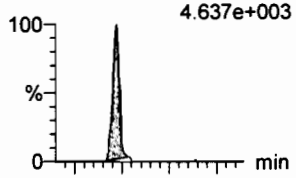
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.101e+002



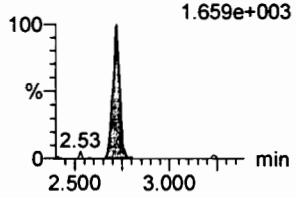
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
8.121e+003



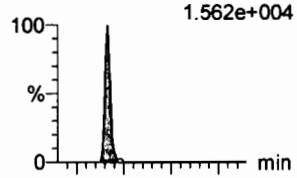
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
4.637e+003



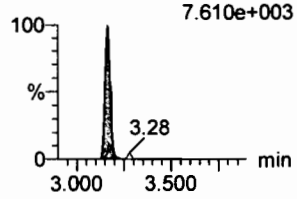
F11:MRM of 2 channels,ES-
299.0 > 99.0
1.659e+003



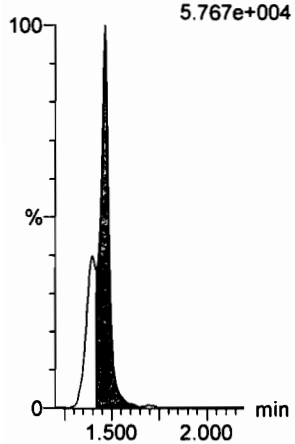
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.562e+004



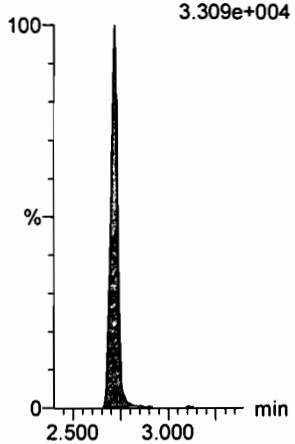
F16:MRM of 2 channels,ES-
327.0 > 80.9
7.610e+003



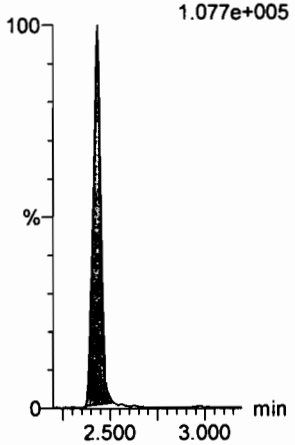
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.767e+004



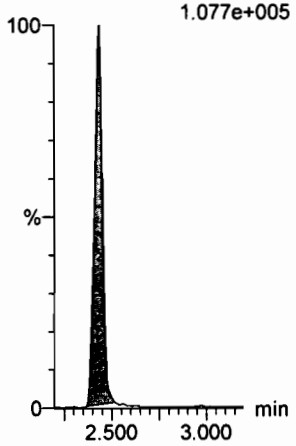
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.309e+004



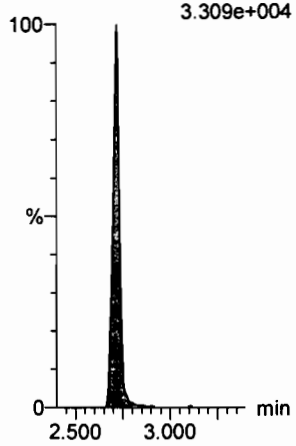
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.077e+005



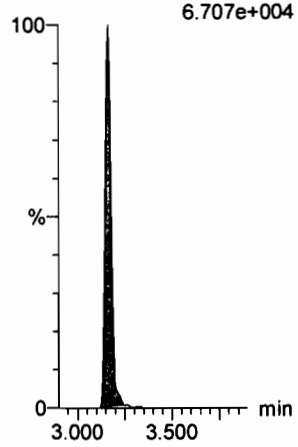
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.077e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.309e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.707e+004



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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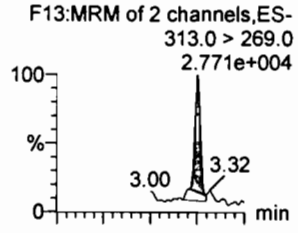
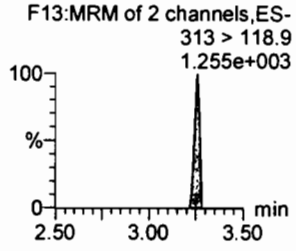
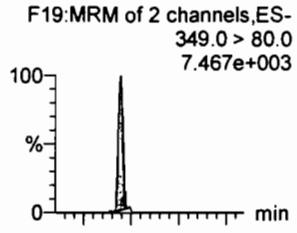
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

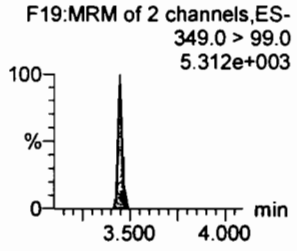
PFHxA



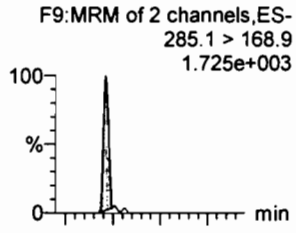


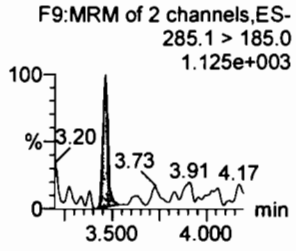
PFPeS



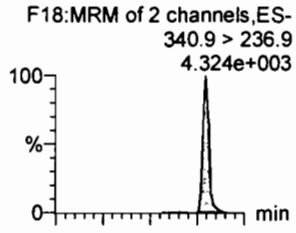


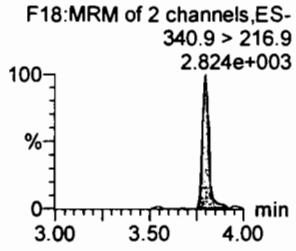
HFPO-DA





5:3 FTCA





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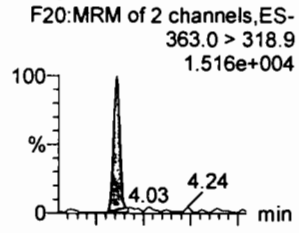

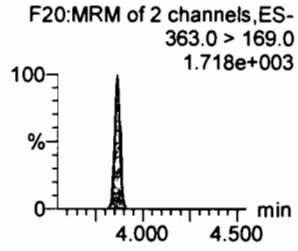

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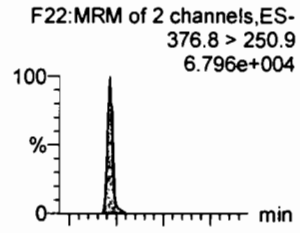
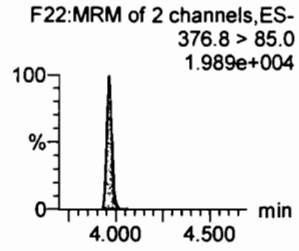
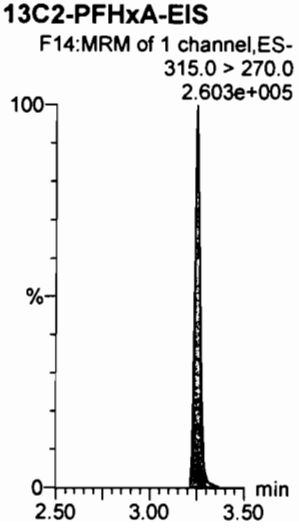
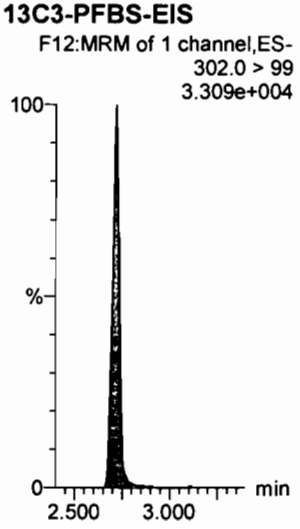




13C2-PFHxA-EIS



13C3-PFBS-EIS



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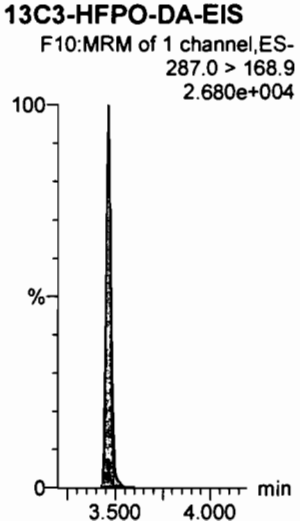

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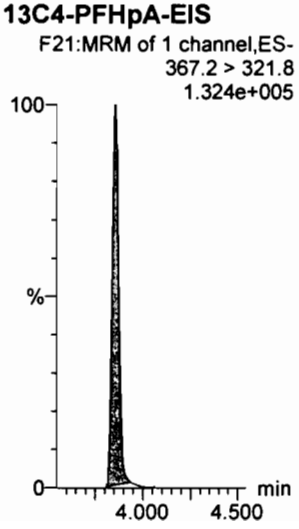

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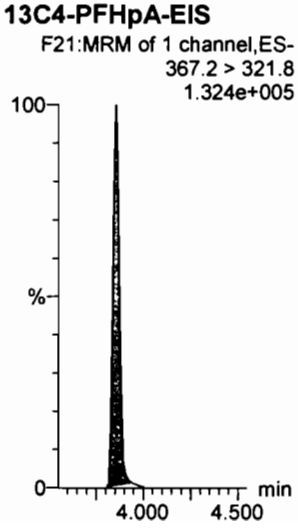

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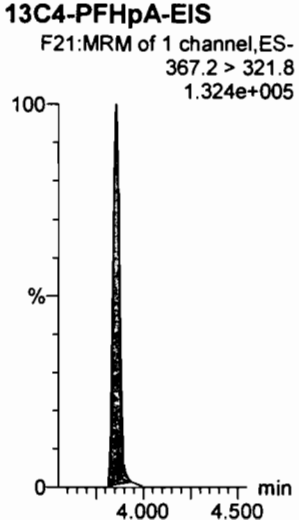

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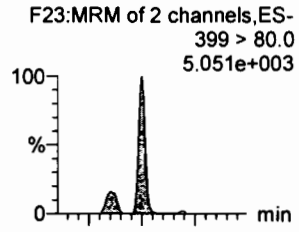
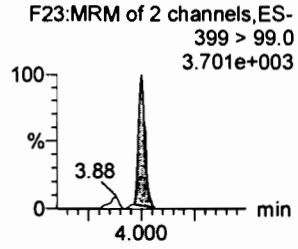
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

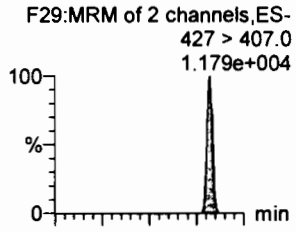
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

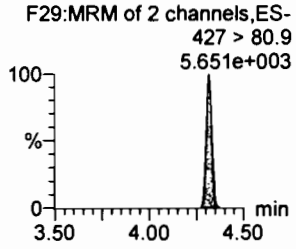
L-PFHxS





6:2 FTS





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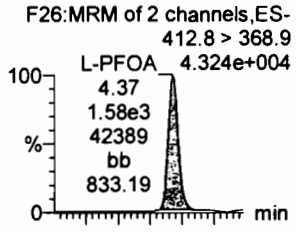

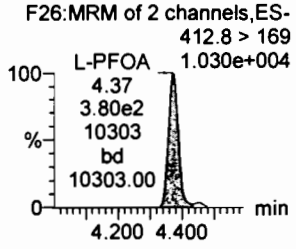

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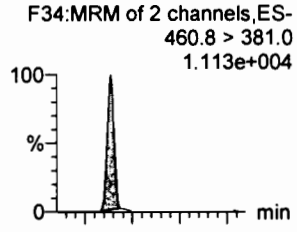

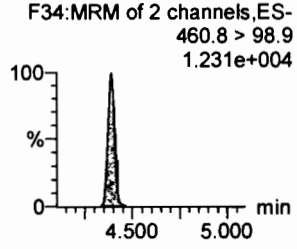

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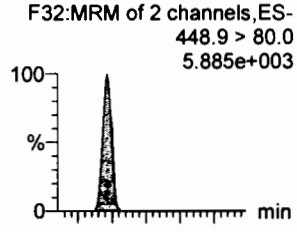
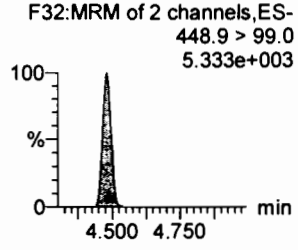
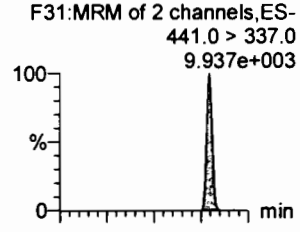
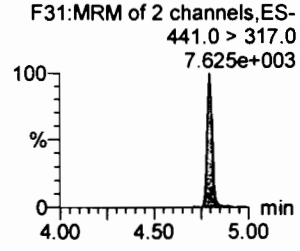


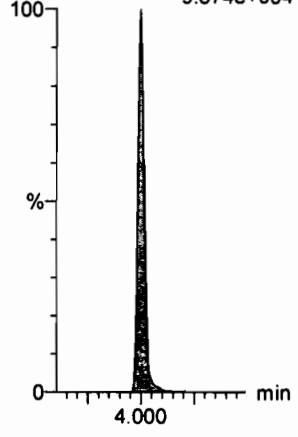


7:3 FTCA

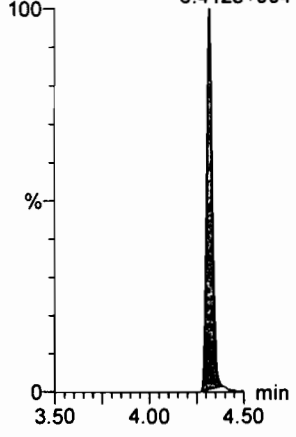




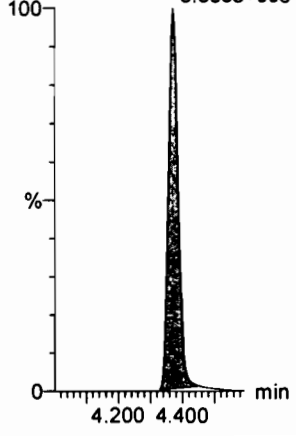
13C3-PFHxS-EIS



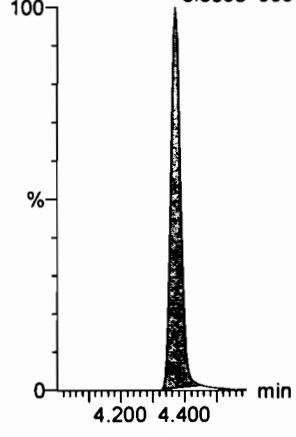
13C2-6:2 FTS-EIS



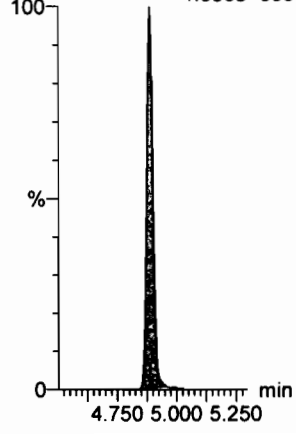
13C2-PFOA-EIS



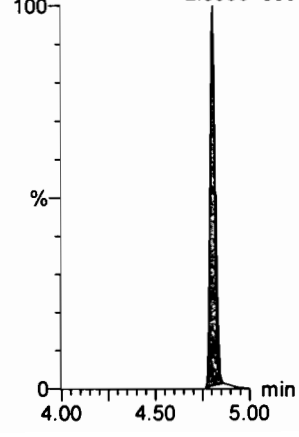
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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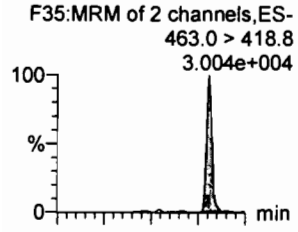

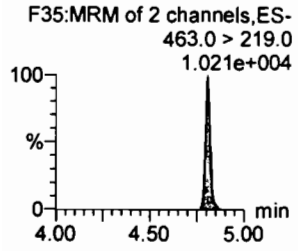

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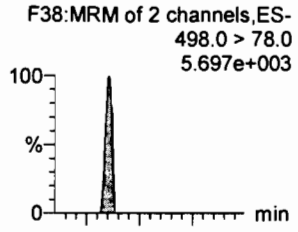
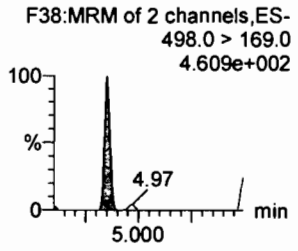
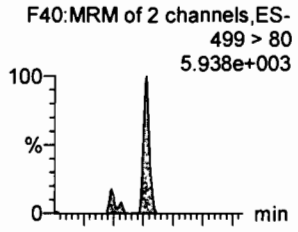
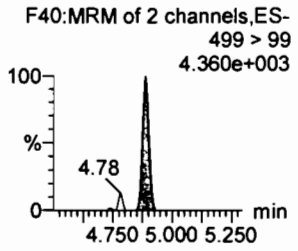


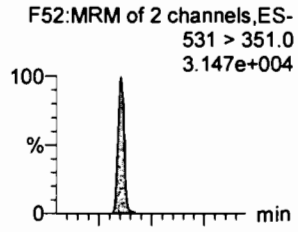


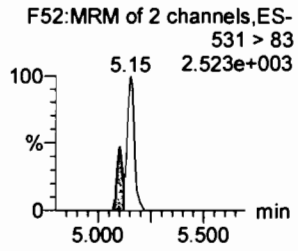
L-PFOS





9Cl-PF30NS





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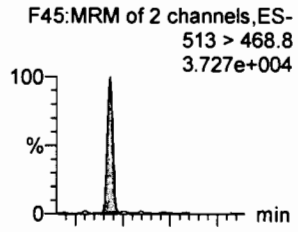
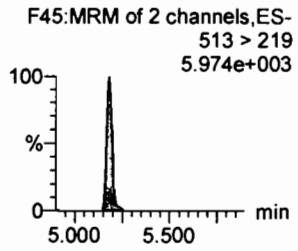
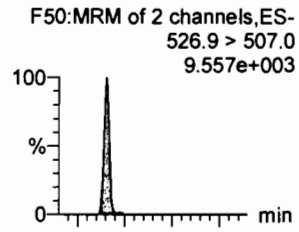
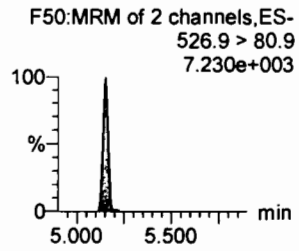


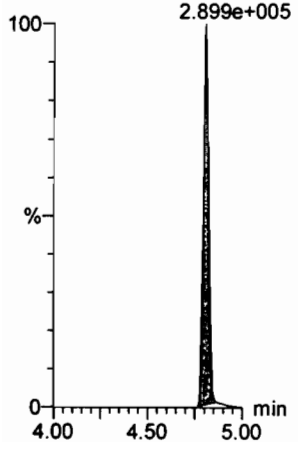


8:2 FTS

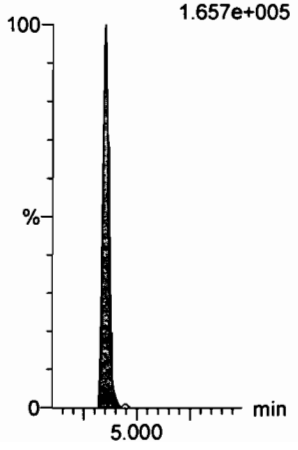




13C5-PFNA-EIS



13C8-PFOSA-EIS



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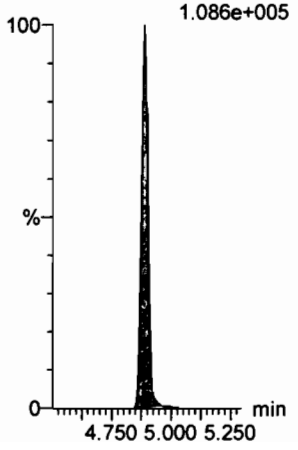

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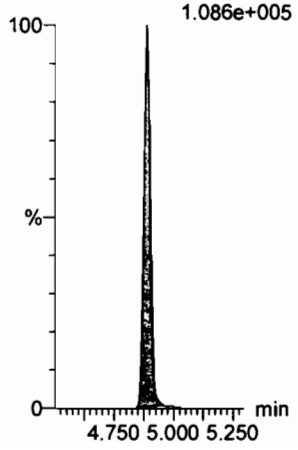
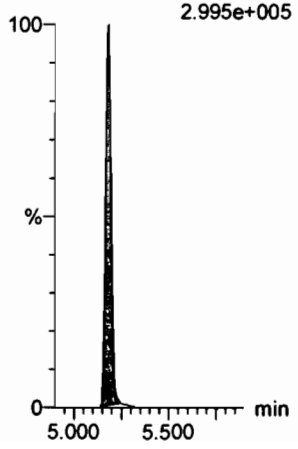
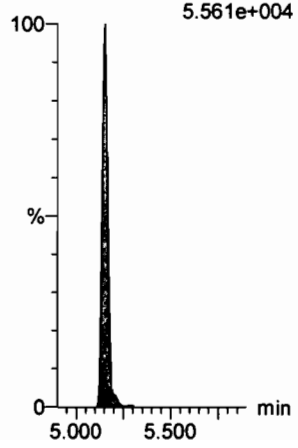


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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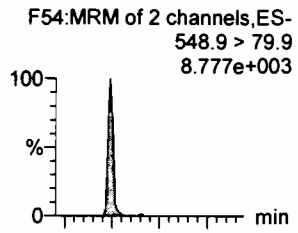
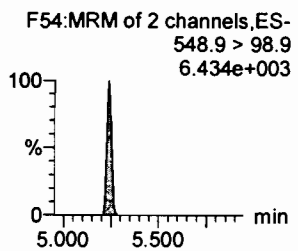
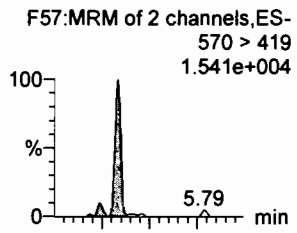
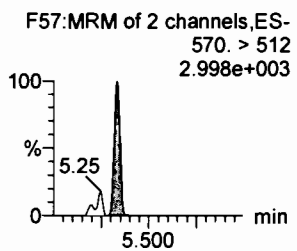
PFNS





L-MeFOSAA





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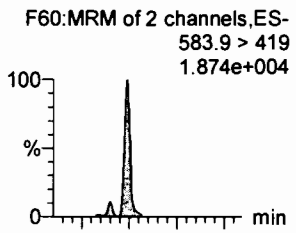
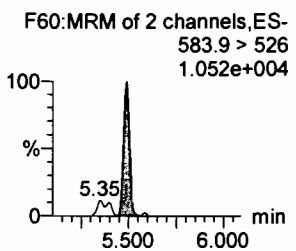
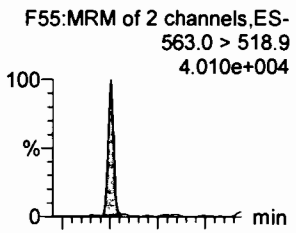
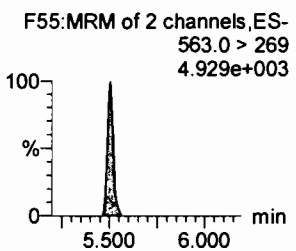


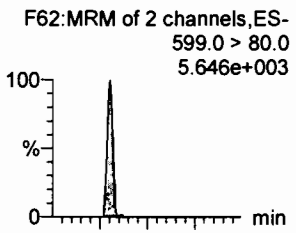


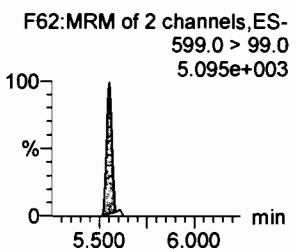
PFUdA



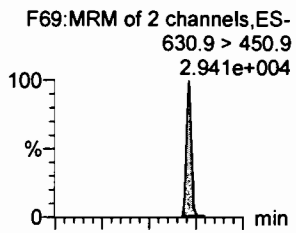


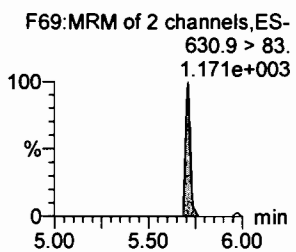
PFDS



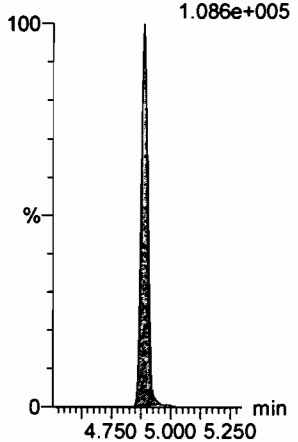


11Cl-PF30UdS

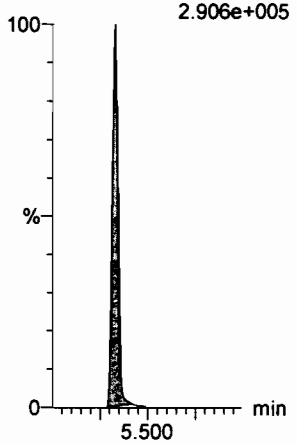




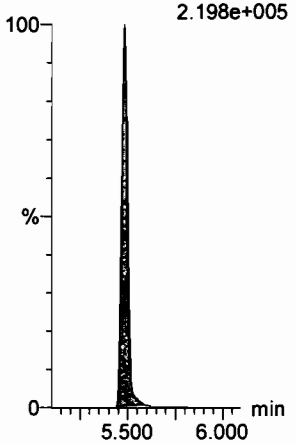
13C8-PFOS-EIS



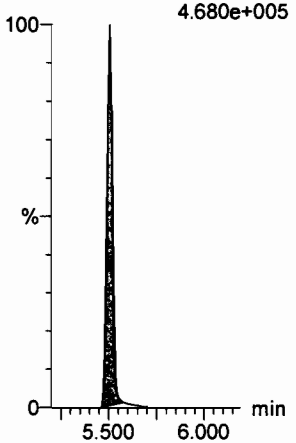
d3-N-MeFOSAA-EIS



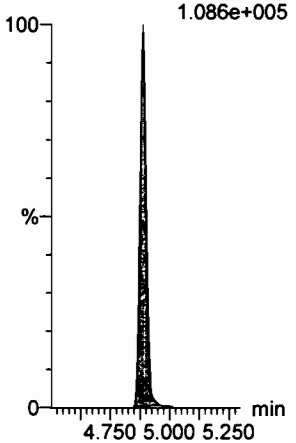
d5-N-EtFOSAA-EIS



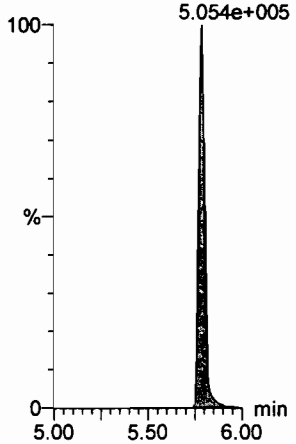
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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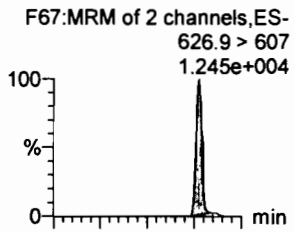
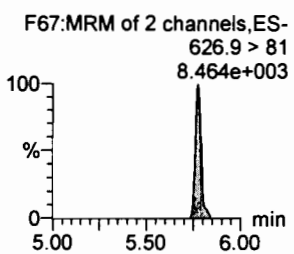
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

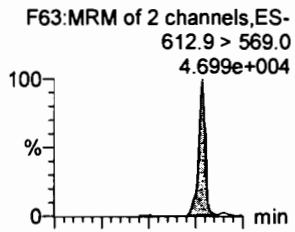
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

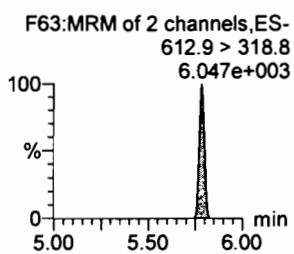
10:2 FTS



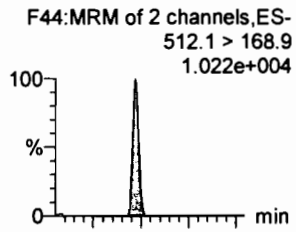


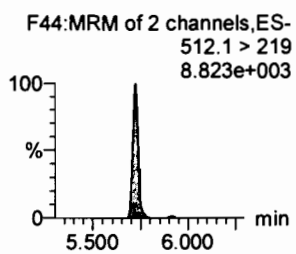
PFDoA





N-MeFOSA





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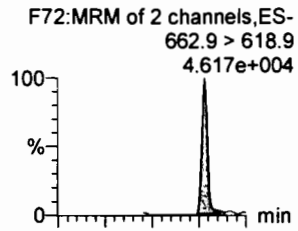
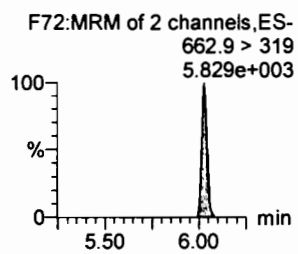
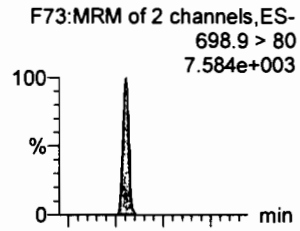
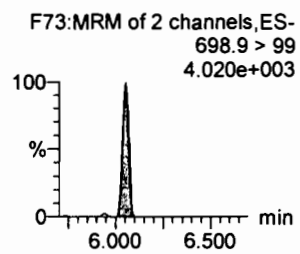


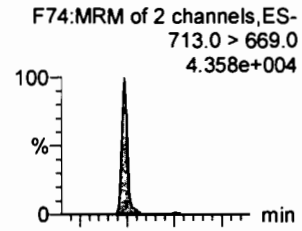


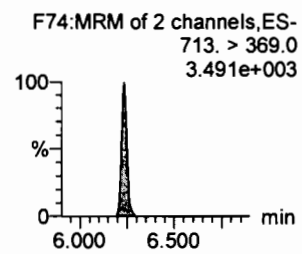
PFDoS



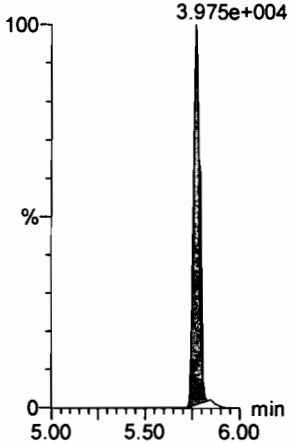


PFTeDA

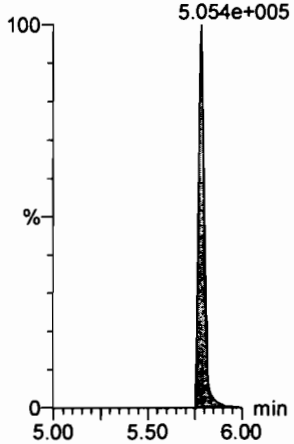




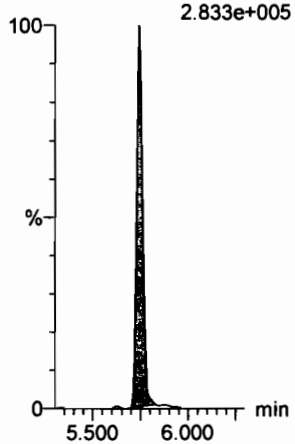
13C2-10:2 FTS-EIS



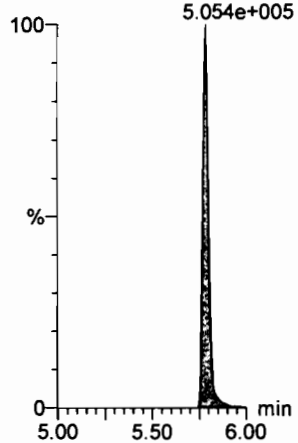
13C2-PFDoA-EIS



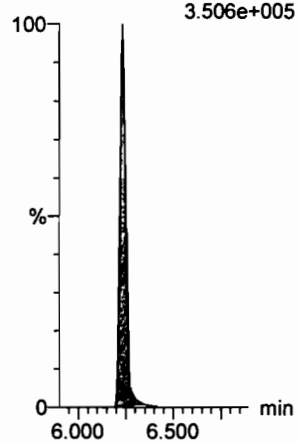
d3-N-MeFOSA-EIS



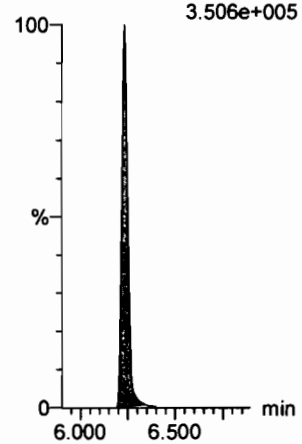
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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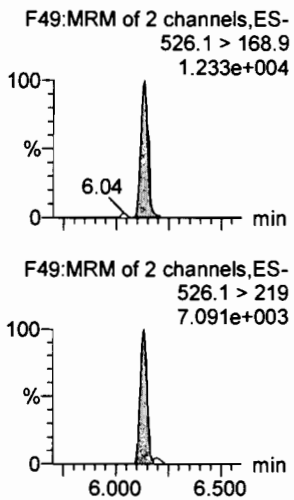
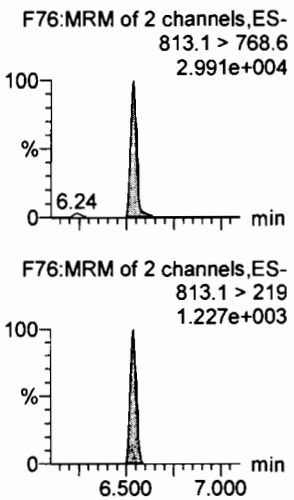
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

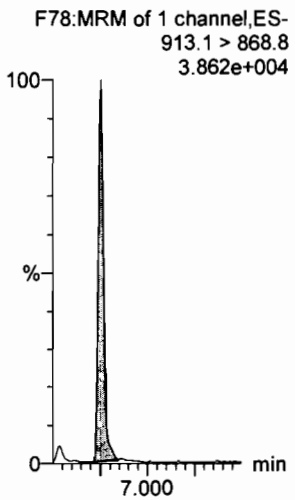
N-EtFOSA



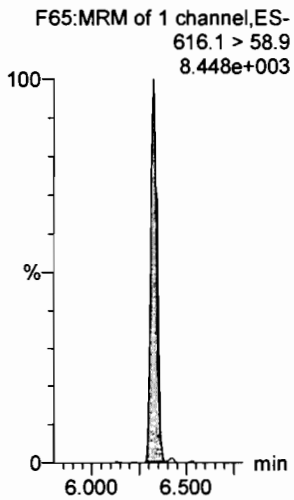
PFHxDA



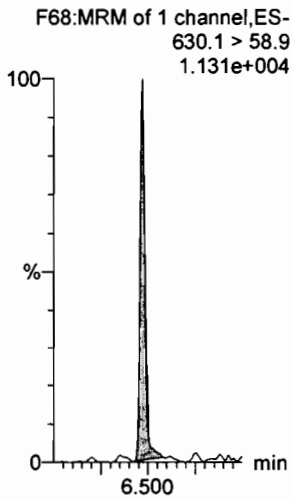
PFODA



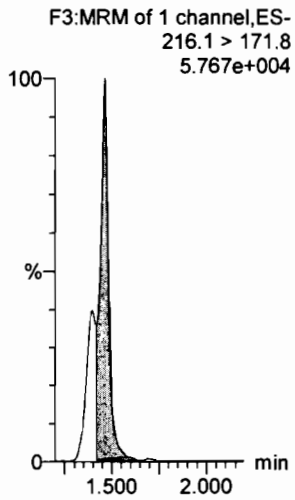
N-MeFOSE



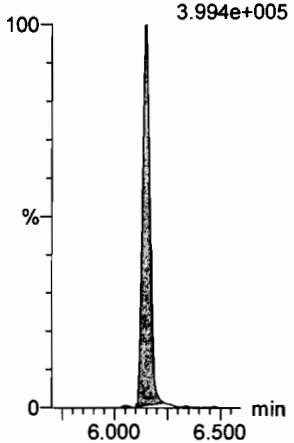
N-EtFOSE



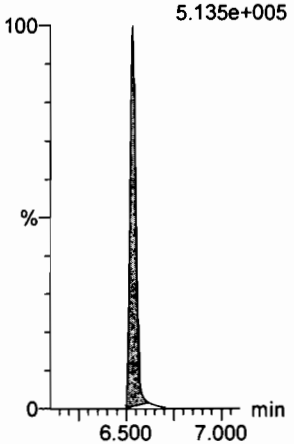
13C3-PFBA-RSD



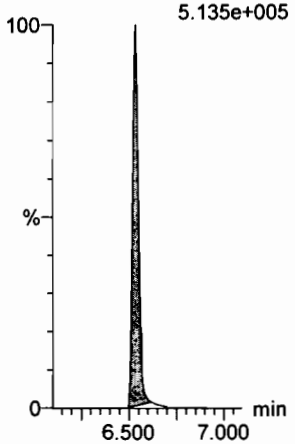
d5-N-ETFOSA-EIS



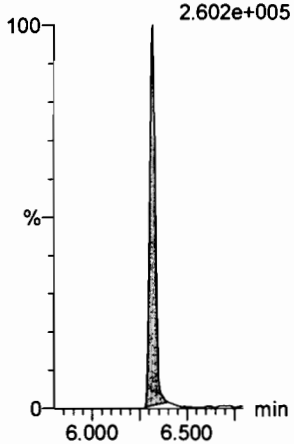
13C2-PFHxDA-EIS



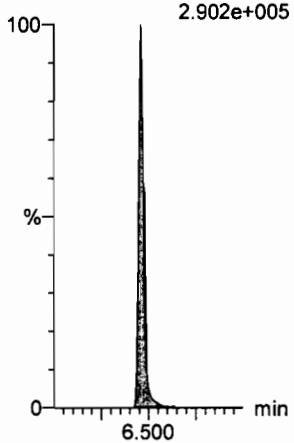
13C2-PFHxDA-EIS



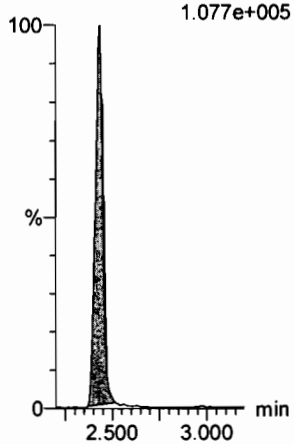
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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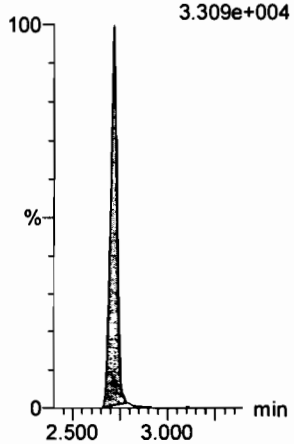
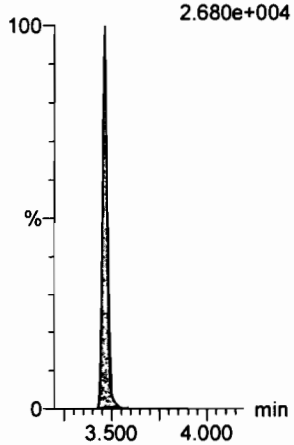
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

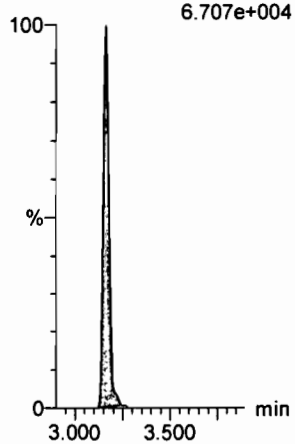
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.309e+004



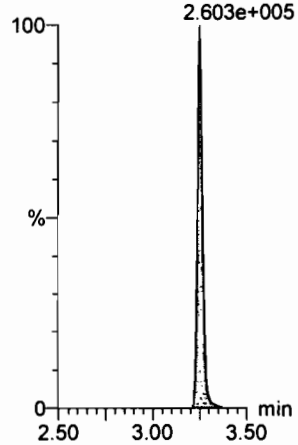
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.680e+004



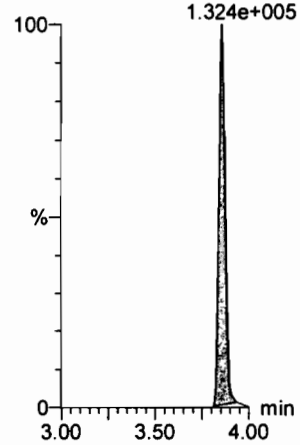
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.707e+004



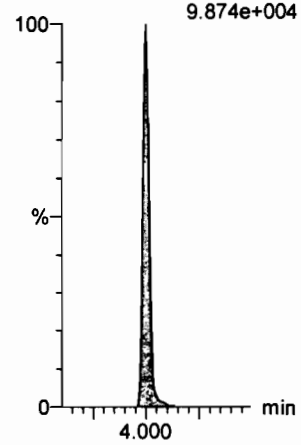
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.603e+005



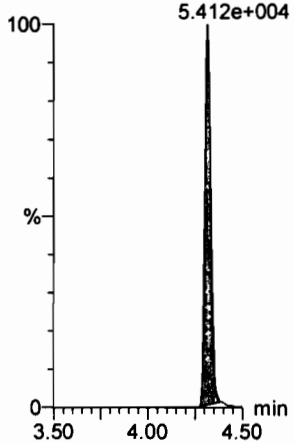
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.324e+005



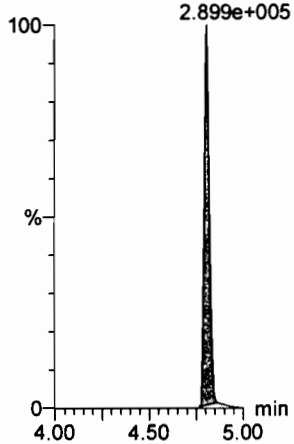
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.874e+004



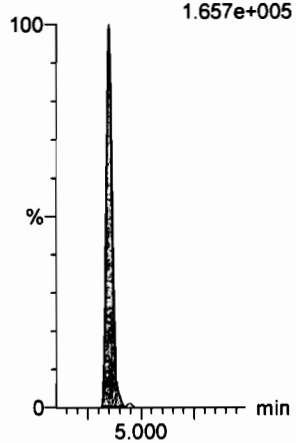
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.412e+004



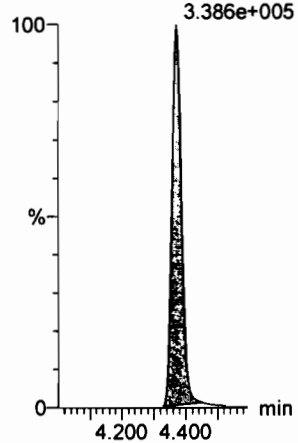
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.899e+005



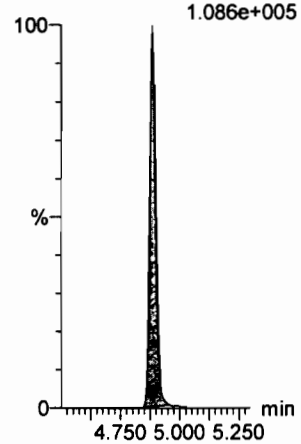
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.657e+005



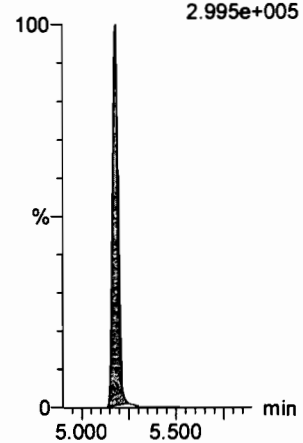
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.386e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.086e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.995e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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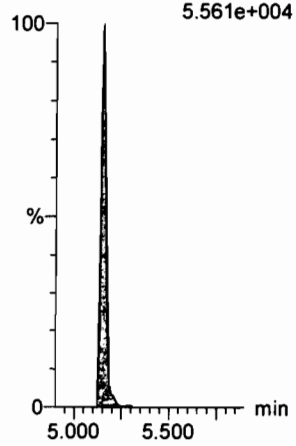
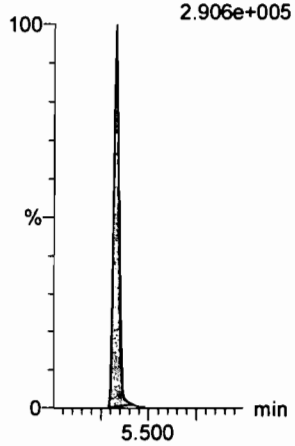
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

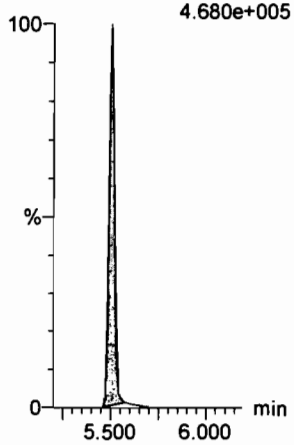
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.561e+004



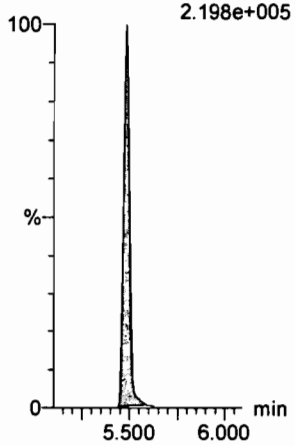
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.906e+005



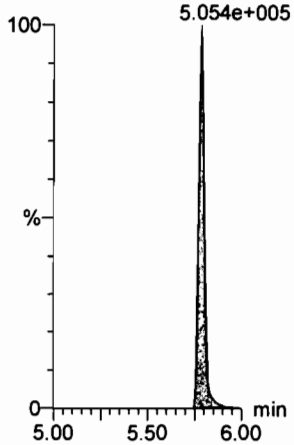
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.680e+005



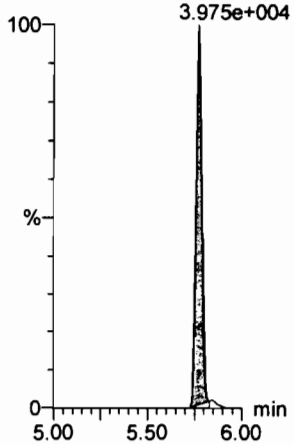
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.198e+005



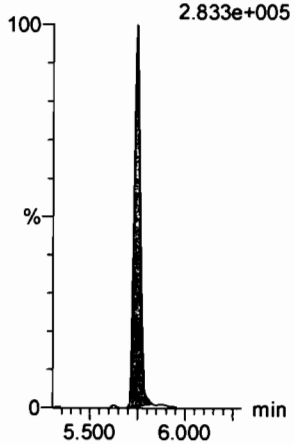
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.054e+005



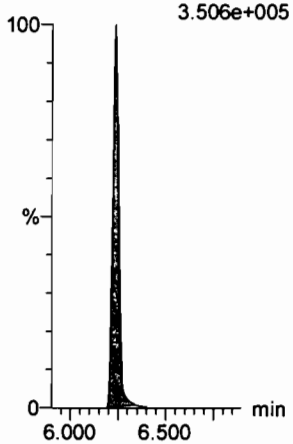
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.975e+004



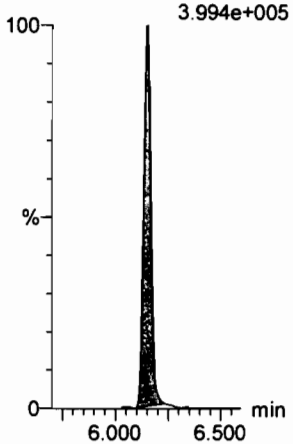
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.833e+005



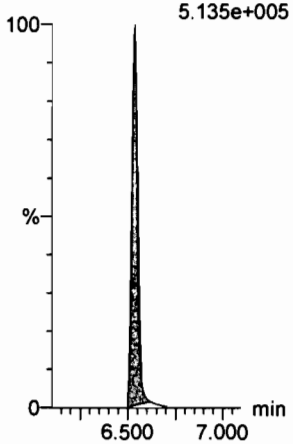
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.506e+005



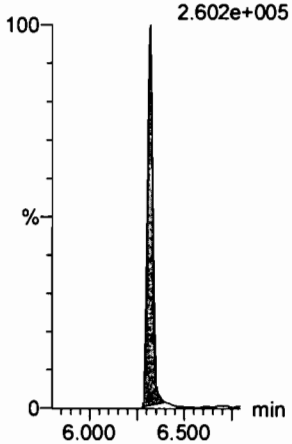
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.994e+005



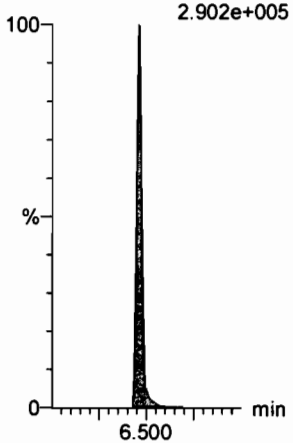
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.135e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.602e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.902e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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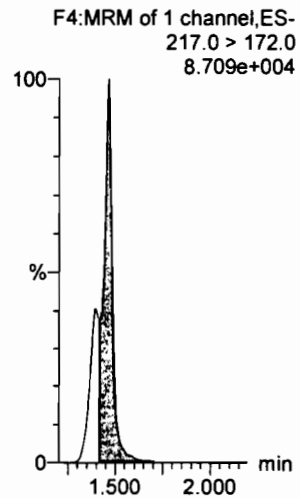
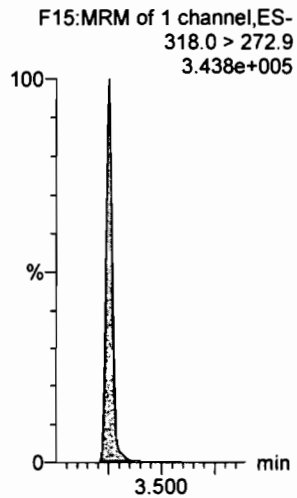
Name: 200702M1_5, Date: 02-Jul-2020, Time: 16:08:09, ID: ST200702M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

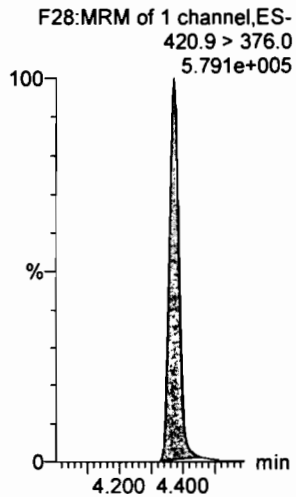
13C4-PFBA



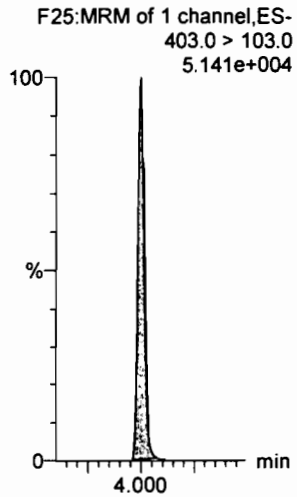
13C5-PFHxA



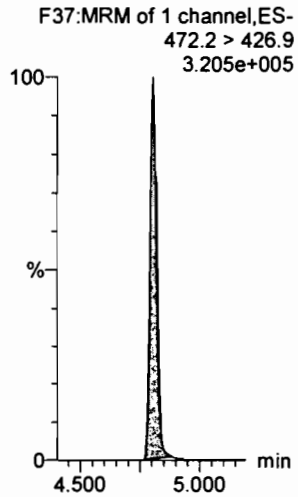
13C8-PFOA



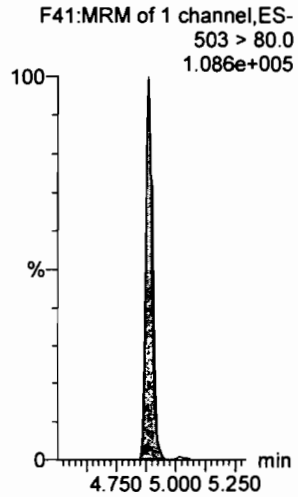
18O2-PFHxS



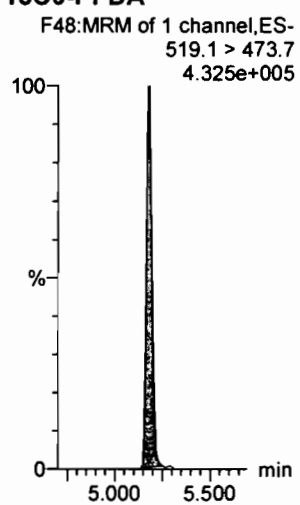
13C9-PFNA



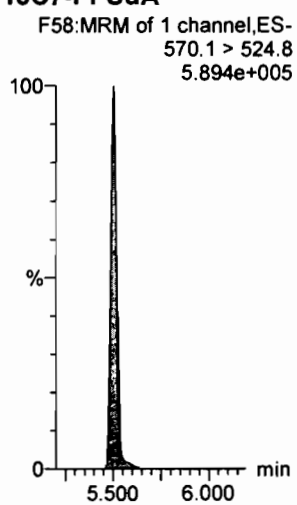
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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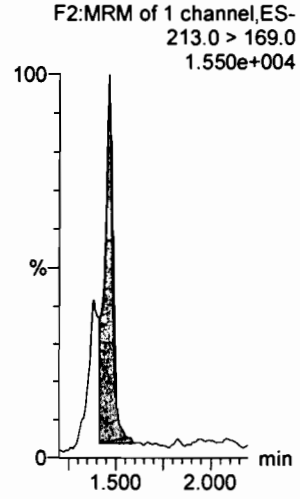
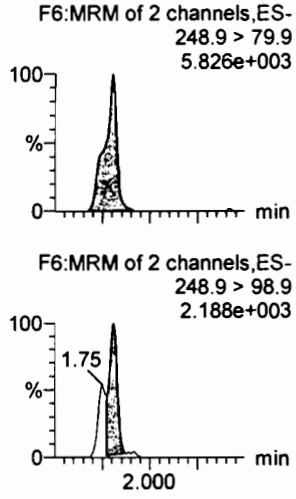
Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

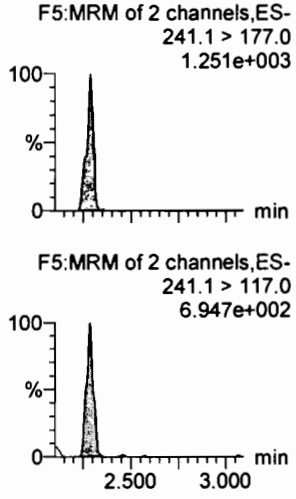
PFBA



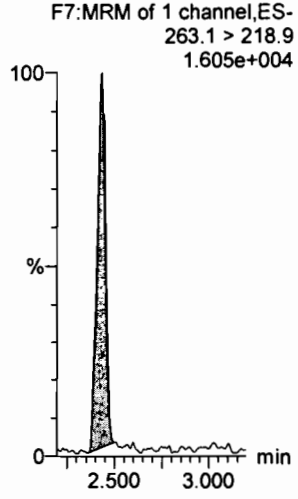
PFPrS



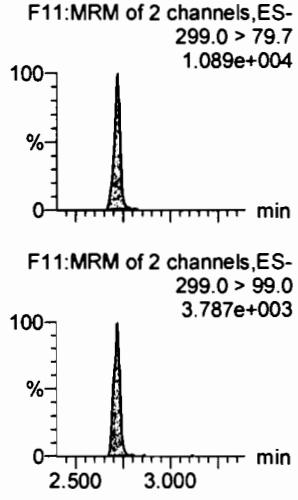
3:3 FTCA



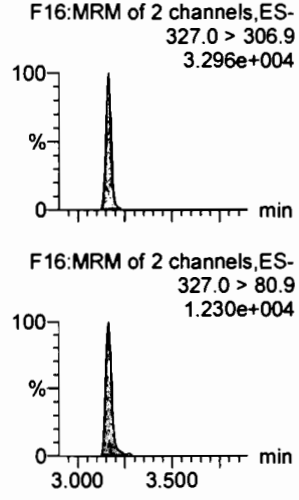
PFPeA



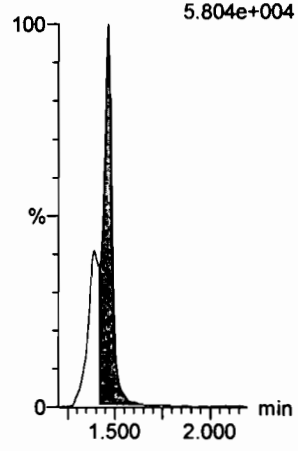
PFBS



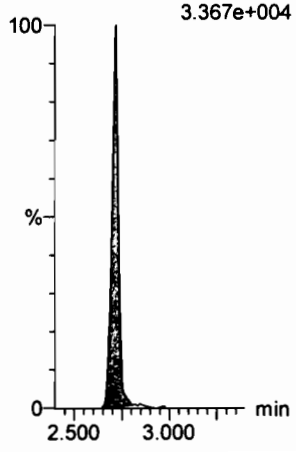
4:2 FTS



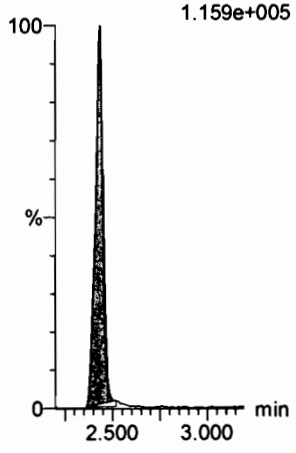
13C3-PFBA-EIS



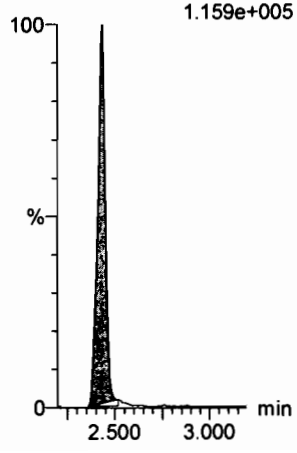
13C3-PFBS-EIS



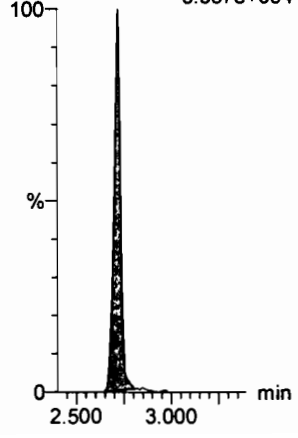
13C3-PFPeA-EIS



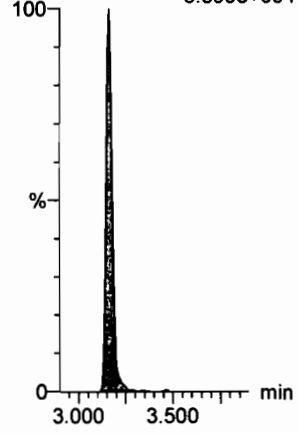
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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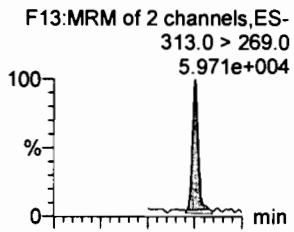
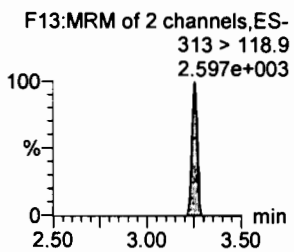
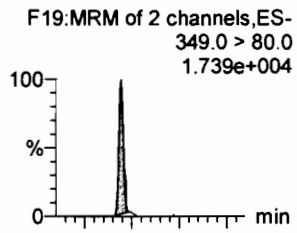
Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

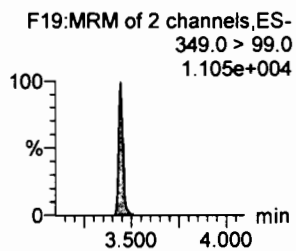
PFHxA



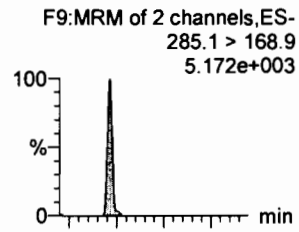


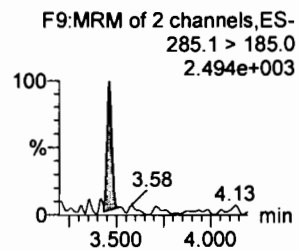
PFPeS



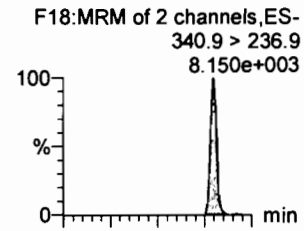


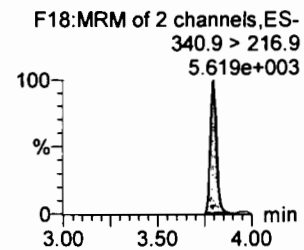
HFPO-DA



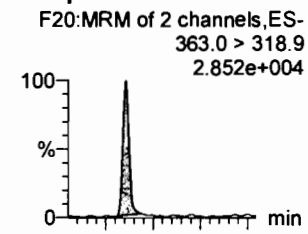


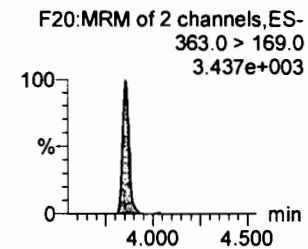
5:3 FTCA



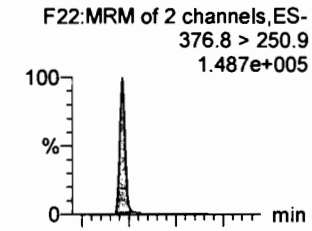


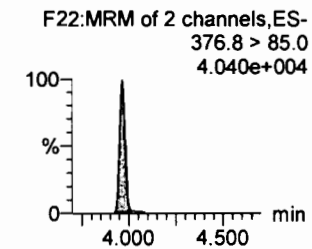
PFHpA



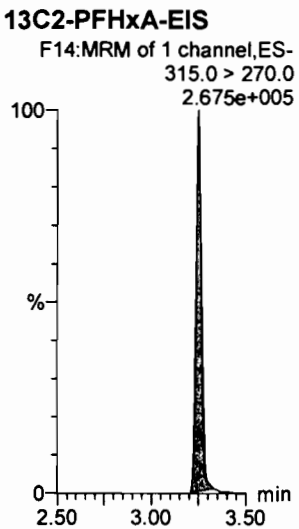


ADONA

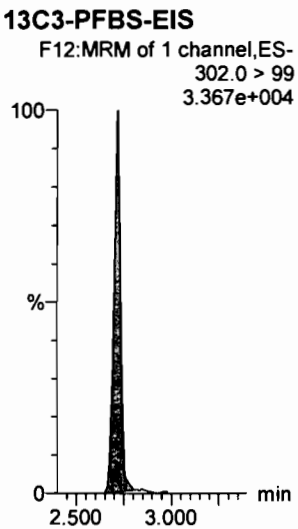




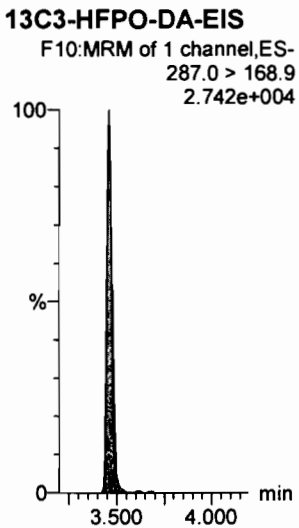
13C2-PFHxA-EIS



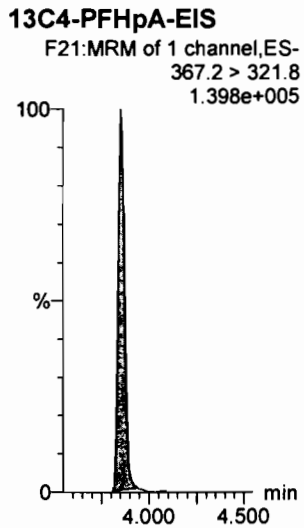
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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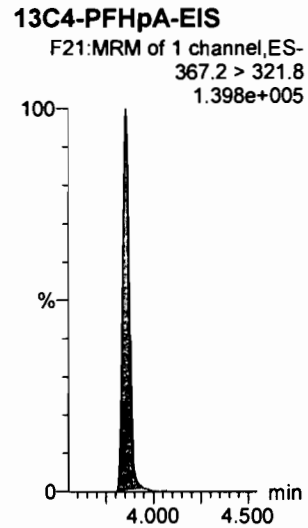
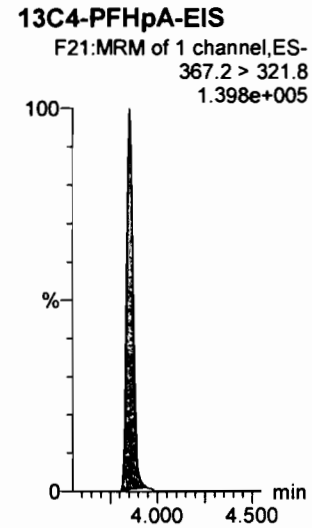


13C4-PFHpA-EIS



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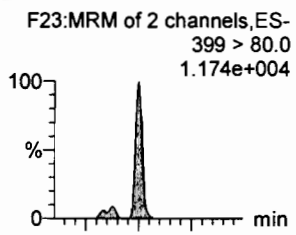
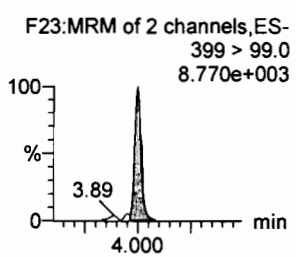
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

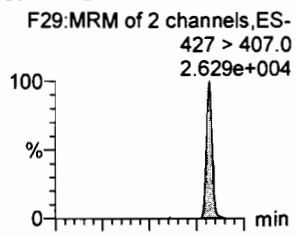
Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

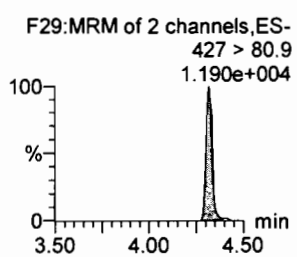
L-PFHxS



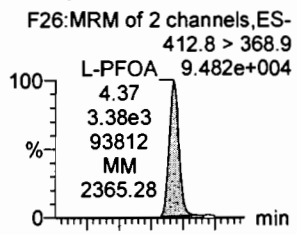


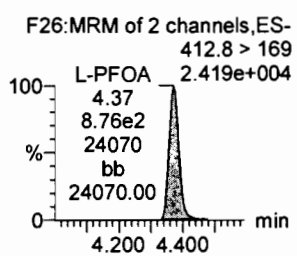
6:2 FTS



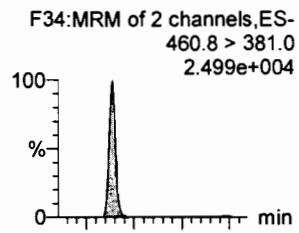


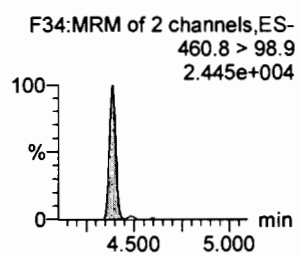
L-PFOA



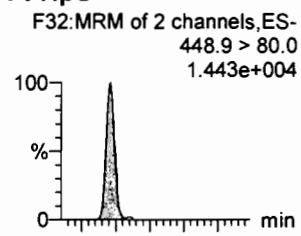


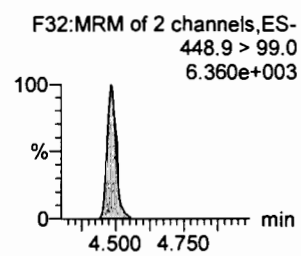
PFEChS



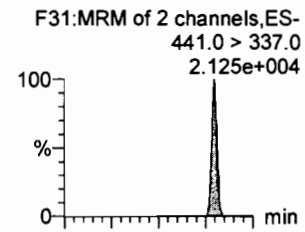


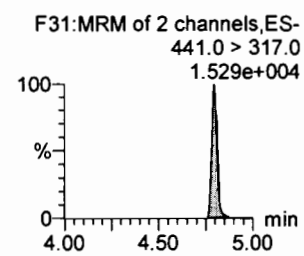
PFHpS



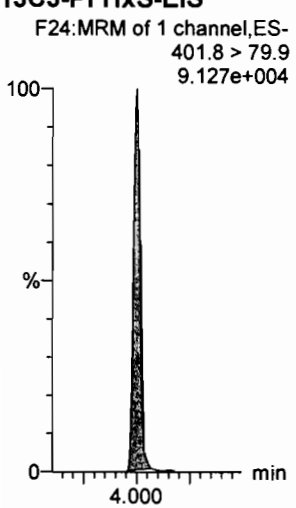


7:3 FTCA

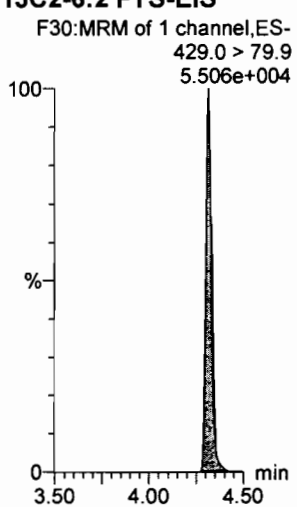




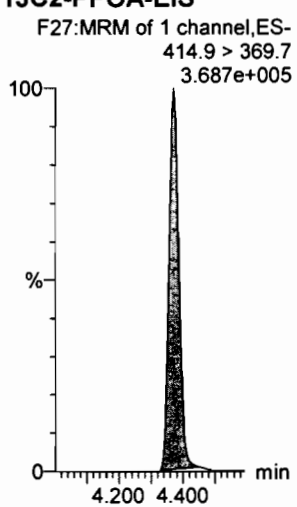
13C3-PFHxS-EIS



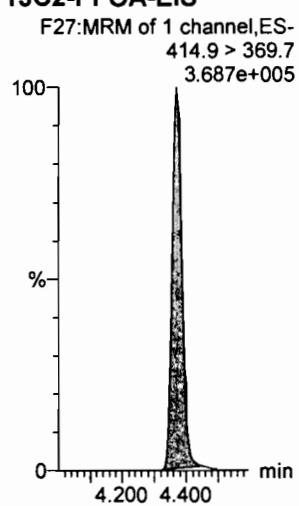
13C2-6:2 FTS-EIS



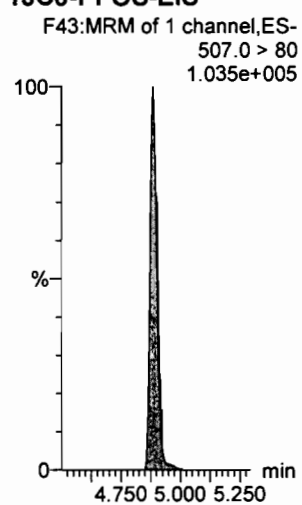
13C2-PFOA-EIS



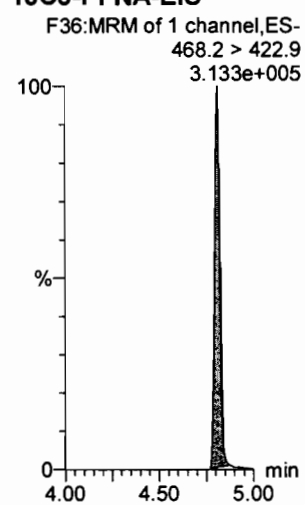
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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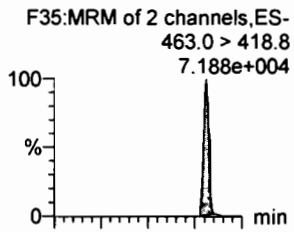
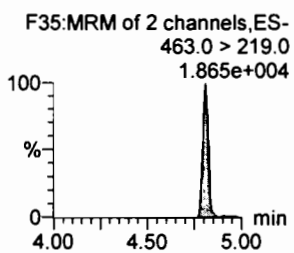
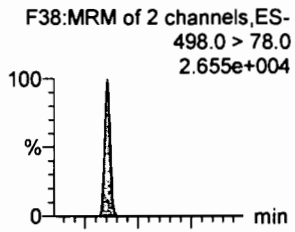
Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

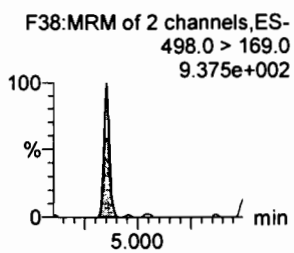
PFNA



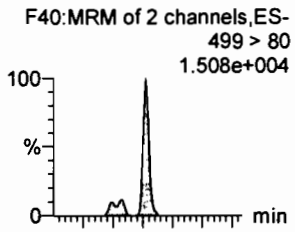


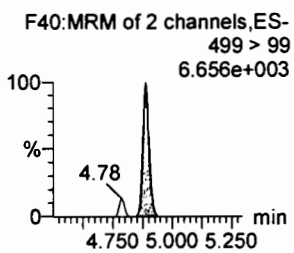
PFOSA



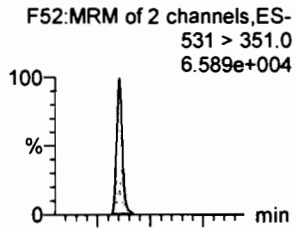


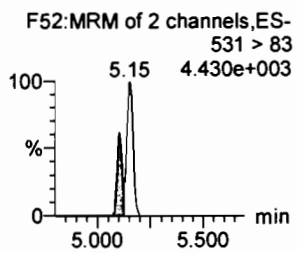
L-PFOS



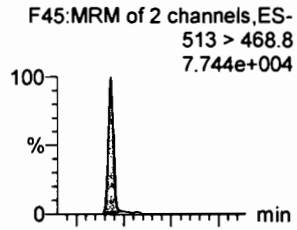


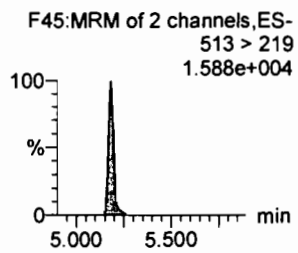
9Cl-PF30NS



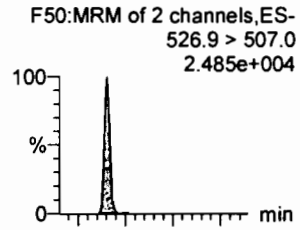


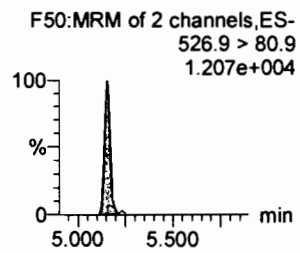
PFDA



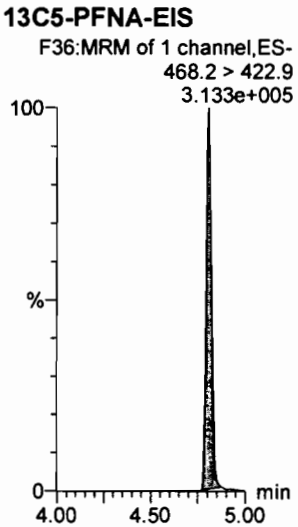


8:2 FTS

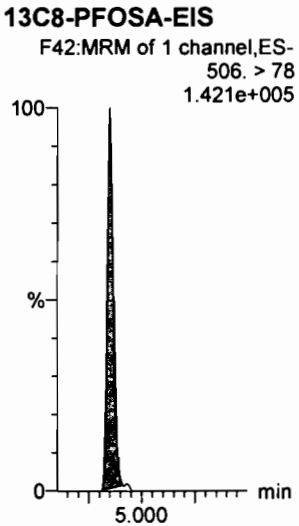




13C5-PFNA-EIS



13C8-PFOSA-EIS



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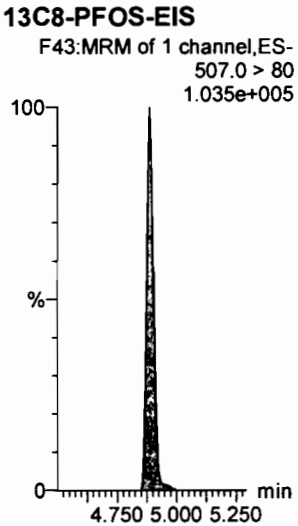

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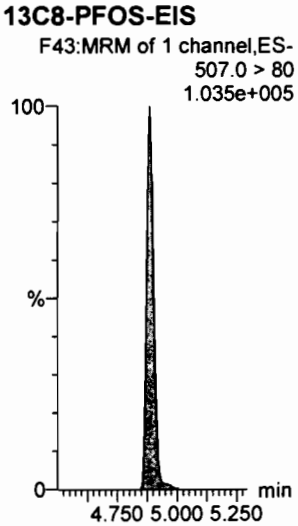
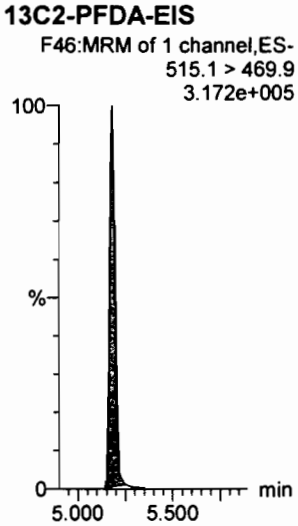
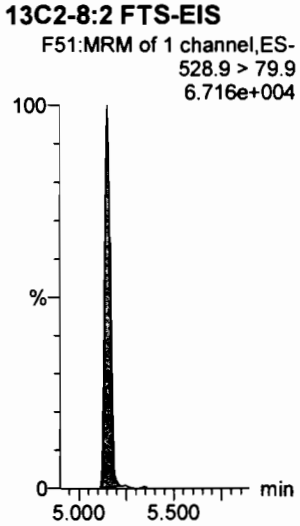


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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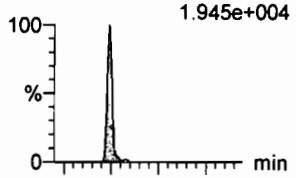
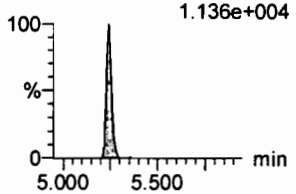
Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

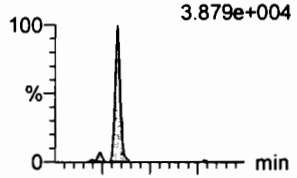
PFNS
F54:MRM of 2 channels,ES-
548.9 > 79.9
1.945e+004



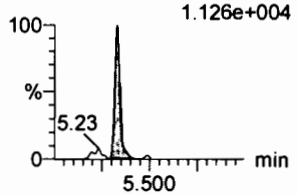
F54:MRM of 2 channels,ES-
548.9 > 98.9
1.136e+004



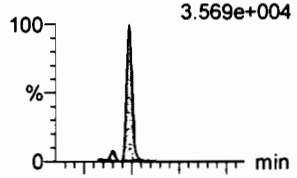
L-MeFOSAA
F57:MRM of 2 channels,ES-
570 > 419
3.879e+004



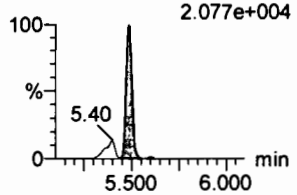
F57:MRM of 2 channels,ES-
570. > 512
1.126e+004



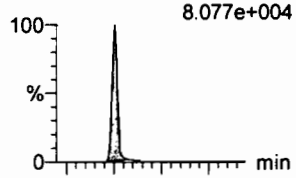
L-EtFOSAA
F60:MRM of 2 channels,ES-
583.9 > 419
3.569e+004



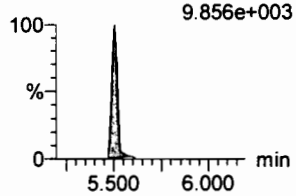
F60:MRM of 2 channels,ES-
583.9 > 526
2.077e+004



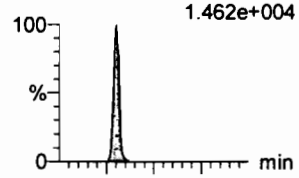
PFUdA
F55:MRM of 2 channels,ES-
563.0 > 518.9
8.077e+004



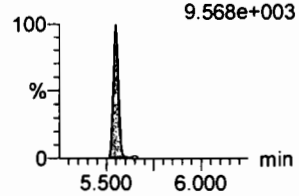
F55:MRM of 2 channels,ES-
563.0 > 269
9.856e+003



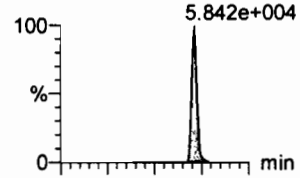
PFDS
F62:MRM of 2 channels,ES-
599.0 > 80.0
1.462e+004



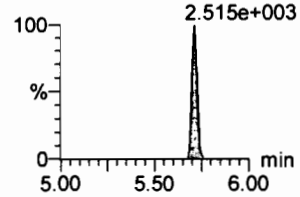
F62:MRM of 2 channels,ES-
599.0 > 99.0
9.568e+003



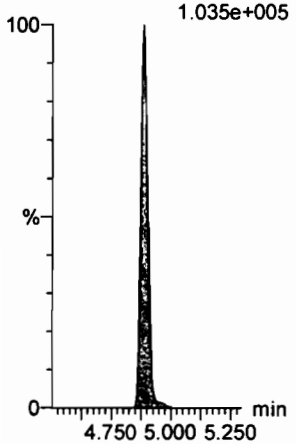
11Cl-PF30UdS
F69:MRM of 2 channels,ES-
630.9 > 450.9
5.842e+004



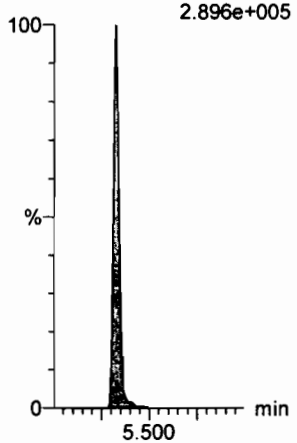
F69:MRM of 2 channels,ES-
630.9 > 83.
2.515e+003



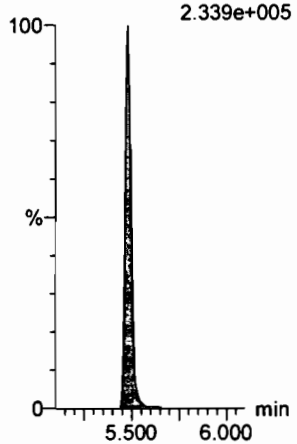
13C8-PFOS-EIS
F43:MRM of 1 channel,ES-
507.0 > 80
1.035e+005



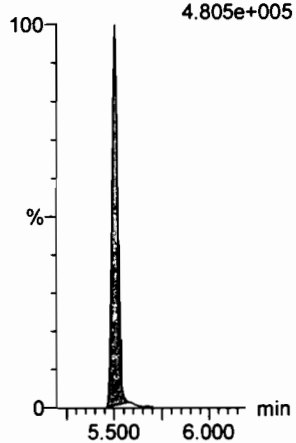
d3-N-MeFOSAA-EIS
F59:MRM of 1 channel,ES-
573. > 419
2.896e+005



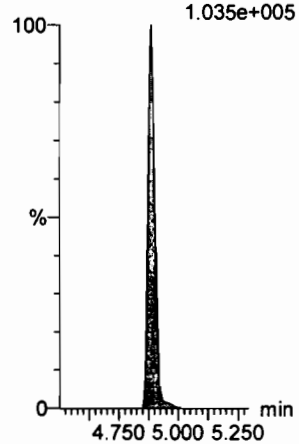
d5-N-EtFOSAA-EIS
F61:MRM of 1 channel,ES-
589. > 419
2.339e+005



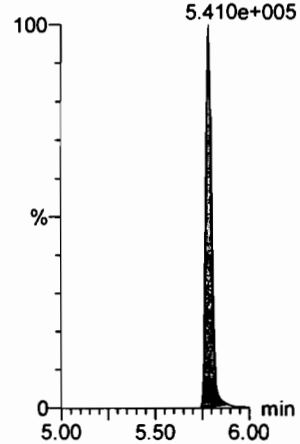
13C2-PFUdA-EIS
F56:MRM of 1 channel,ES-
565 > 519.8
4.805e+005



13C8-PFOS-EIS
F43:MRM of 1 channel,ES-
507.0 > 80
1.035e+005



13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.410e+005

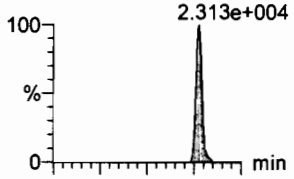


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

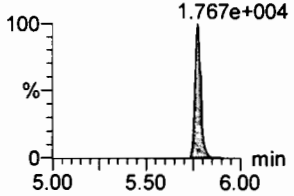
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

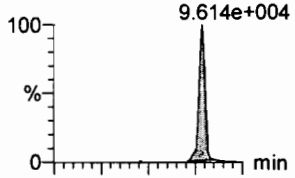
10:2 FTS
F67:MRM of 2 channels,ES-
626.9 > 607
2.313e+004



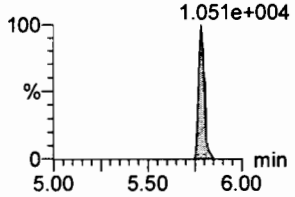
F67:MRM of 2 channels,ES-
626.9 > 81
1.767e+004



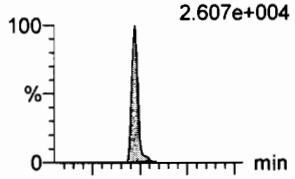
PFDoA
F63:MRM of 2 channels,ES-
612.9 > 569.0
9.614e+004



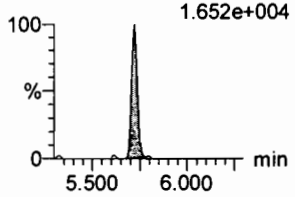
F63:MRM of 2 channels,ES-
612.9 > 318.8
1.051e+004



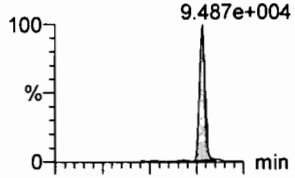
N-MeFOSA
F44:MRM of 2 channels,ES-
512.1 > 168.9
2.607e+004



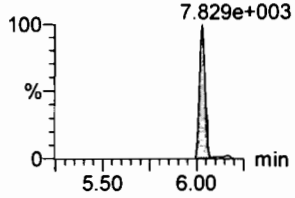
F44:MRM of 2 channels,ES-
512.1 > 219
1.652e+004



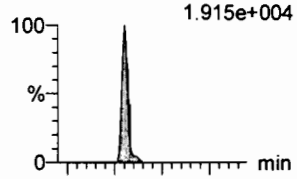
PFTrDA
F72:MRM of 2 channels,ES-
662.9 > 618.9
9.487e+004



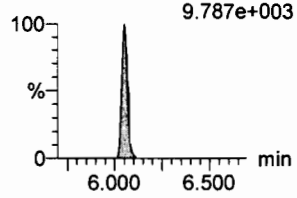
F72:MRM of 2 channels,ES-
662.9 > 319
7.829e+003



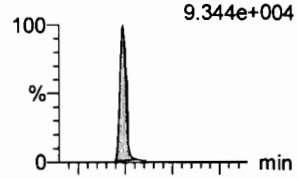
PFDoS
F73:MRM of 2 channels,ES-
698.9 > 80
1.915e+004



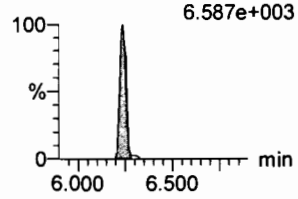
F73:MRM of 2 channels,ES-
698.9 > 99
9.787e+003



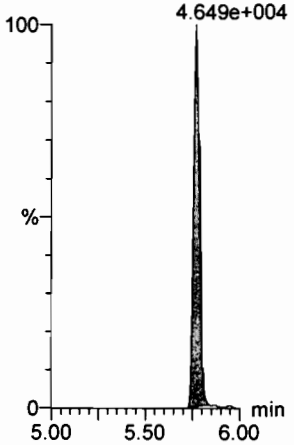
PFTeDA
F74:MRM of 2 channels,ES-
713.0 > 669.0
9.344e+004



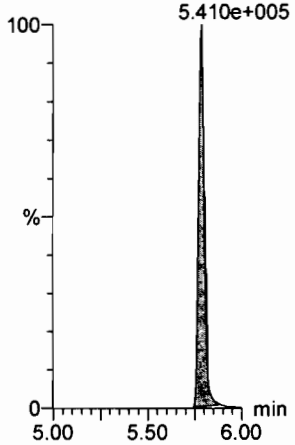
F74:MRM of 2 channels,ES-
713. > 369.0
6.587e+003



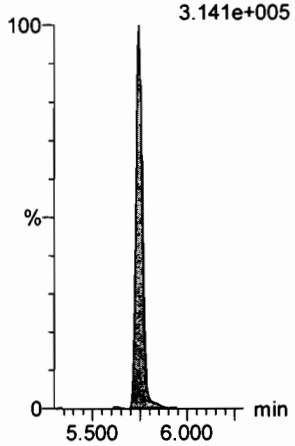
13C2-10:2 FTS-EIS
F70:MRM of 1 channel,ES-
633 > 79.9
4.649e+004



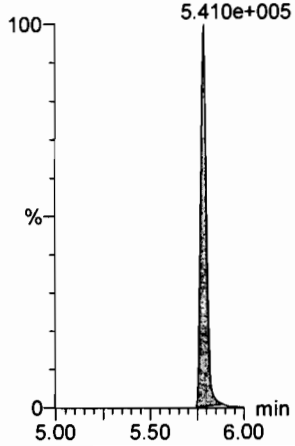
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.410e+005



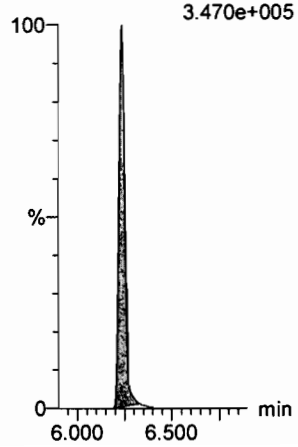
d3-N-MeFOSA-EIS
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.141e+005



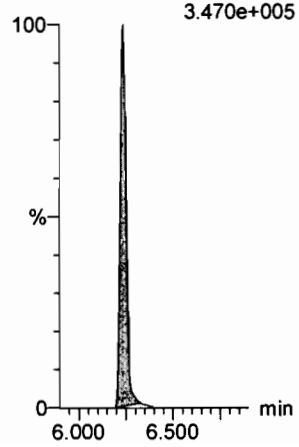
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.410e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.470e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.470e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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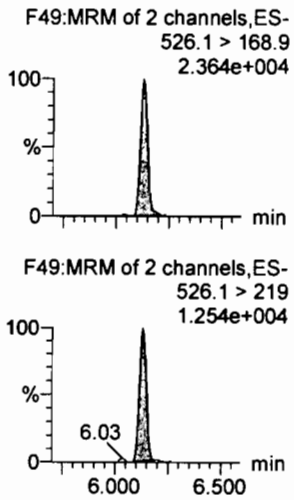
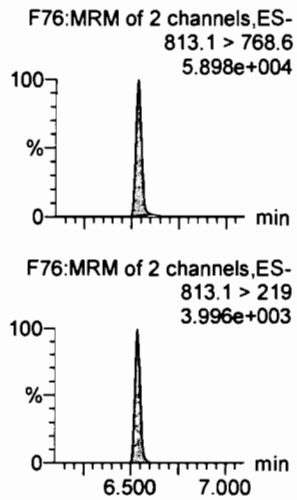
Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

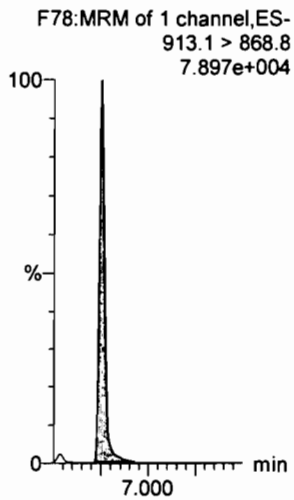
N-EtFOSA



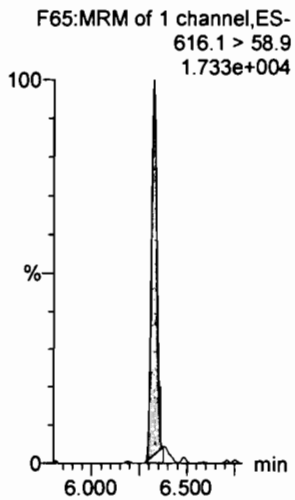
PFHxDA



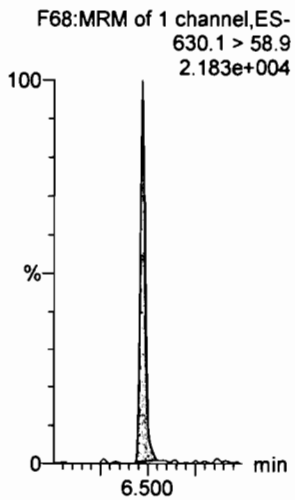
PFODA



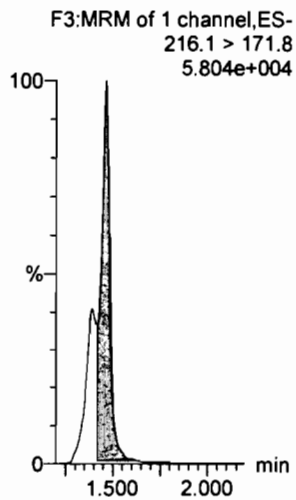
N-MeFOSE



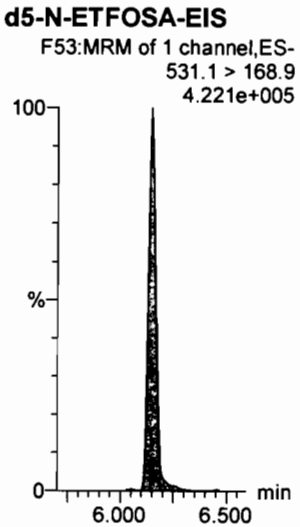
N-EtFOSE



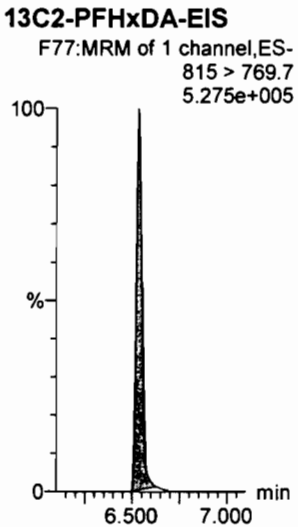
13C3-PFBA-RSD



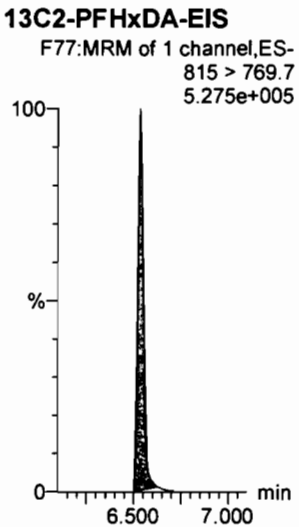
d5-N-ETFOSA-EIS



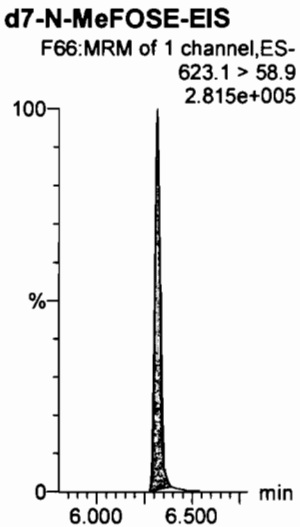
13C2-PFHxDA-EIS



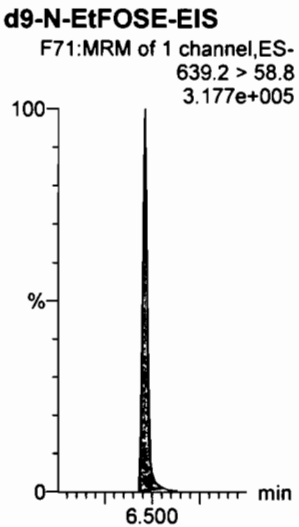
13C2-PFHxDA-EIS



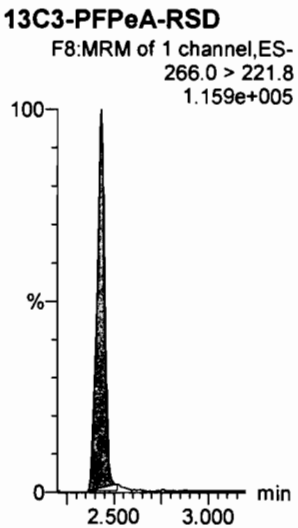
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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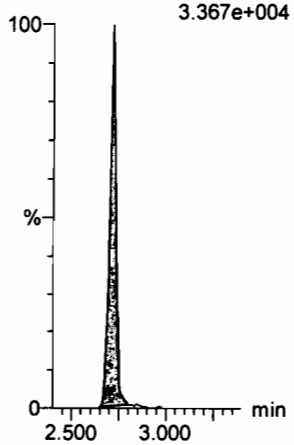
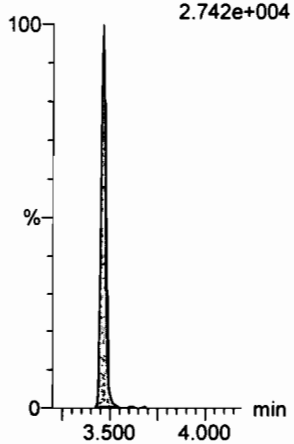
Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

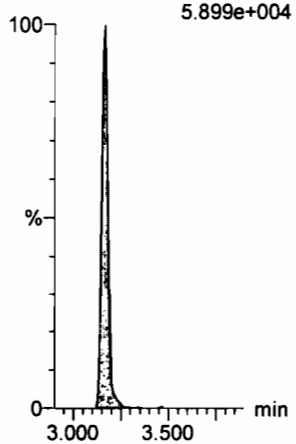
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.367e+004



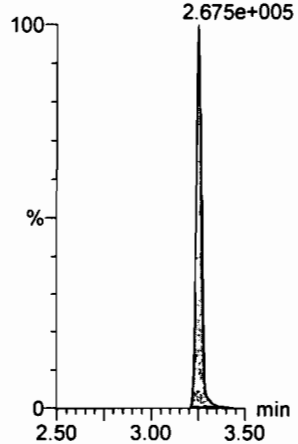
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.742e+004



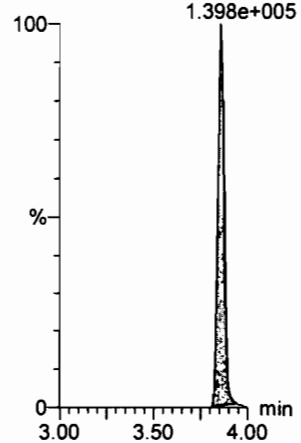
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.899e+004



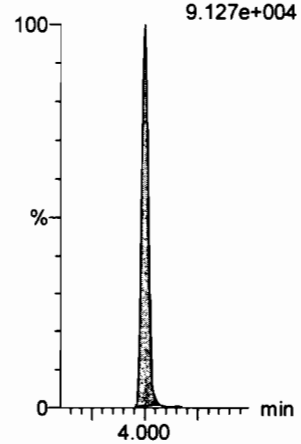
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.675e+005



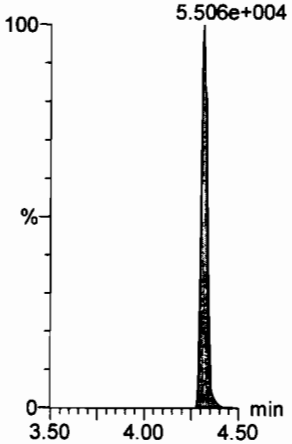
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.398e+005



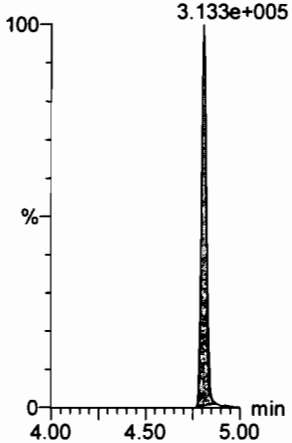
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.127e+004



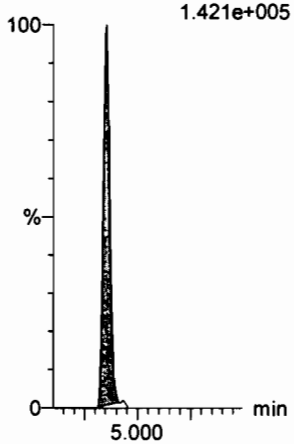
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.506e+004



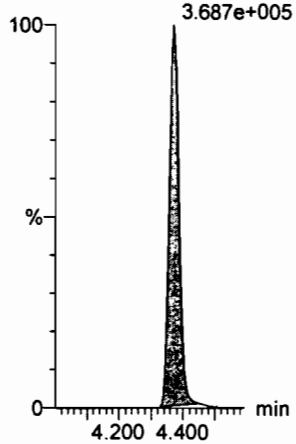
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.133e+005



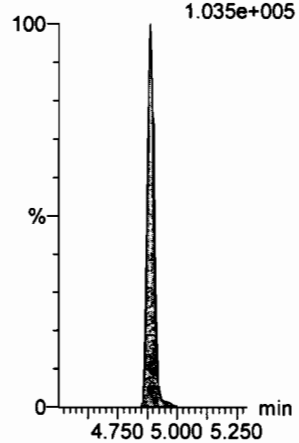
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.421e+005



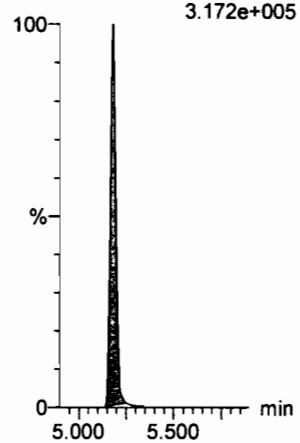
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.687e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.035e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.172e+005

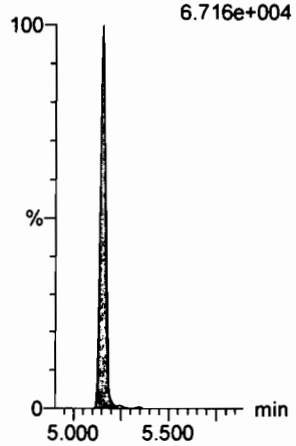


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

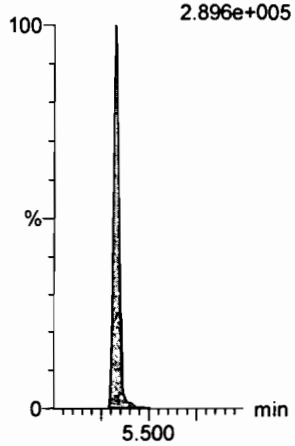
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

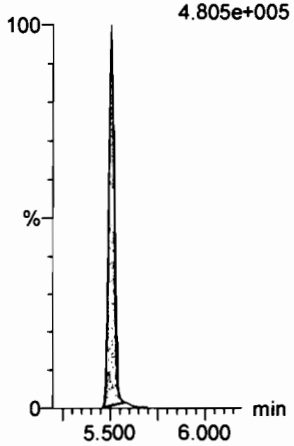
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.716e+004



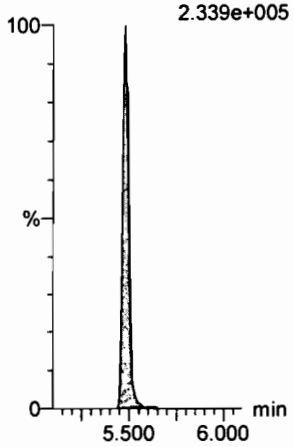
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.896e+005



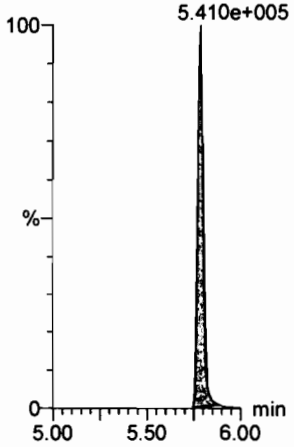
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.805e+005



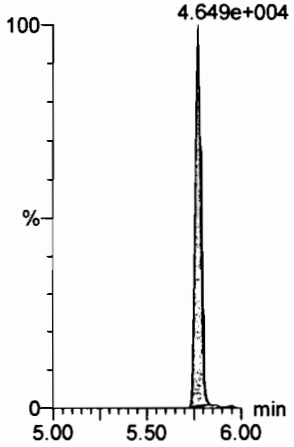
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.339e+005



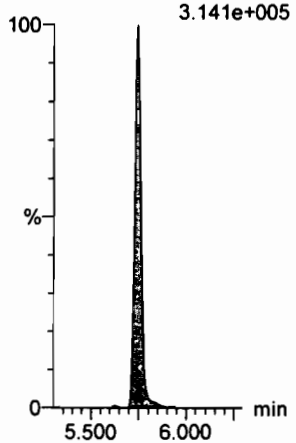
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.410e+005



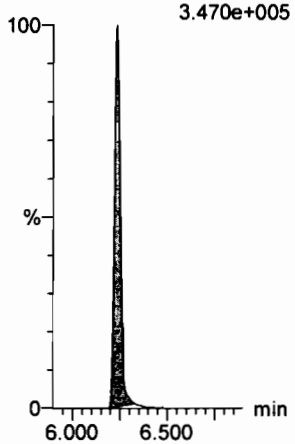
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.649e+004



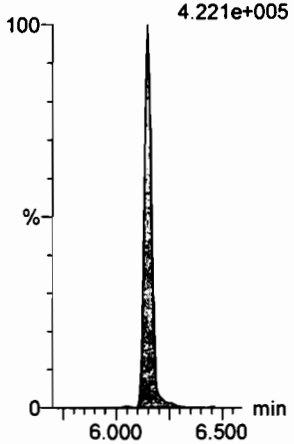
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.141e+005



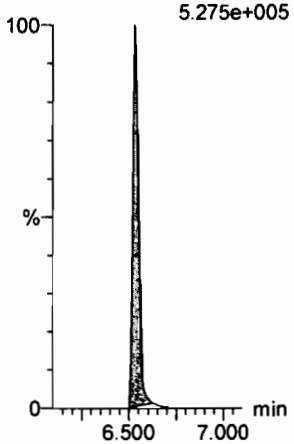
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.470e+005



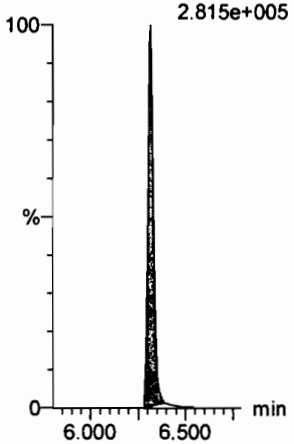
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.221e+005



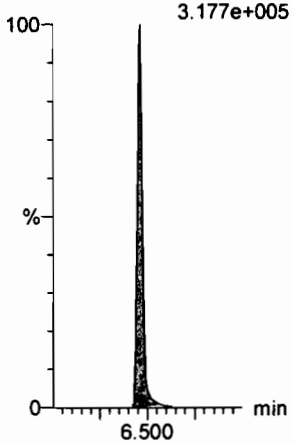
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.275e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.815e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.177e+005

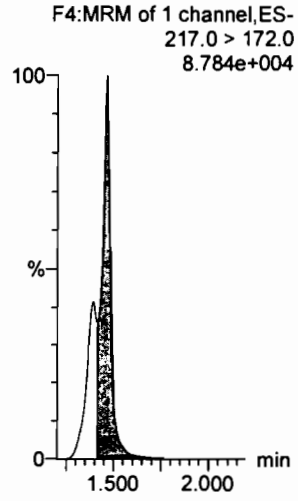


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

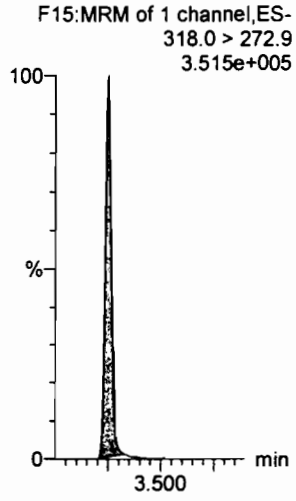
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_6, Date: 02-Jul-2020, Time: 16:18:34, ID: ST200702M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

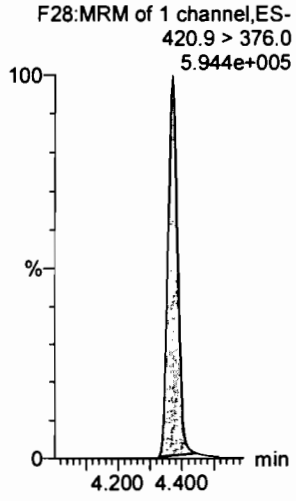
13C4-PFBA



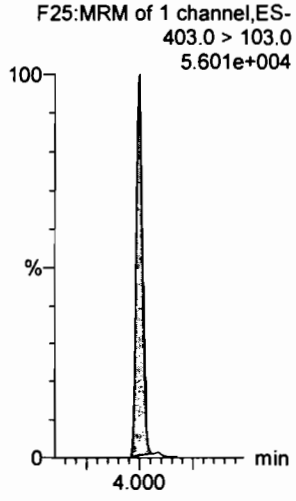
13C5-PFHxA



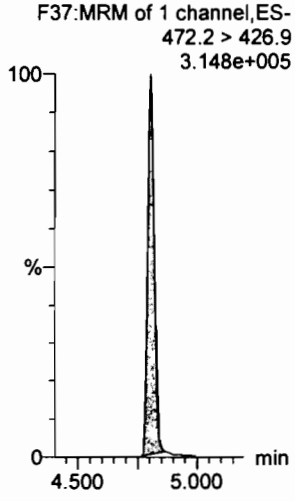
13C8-PFOA



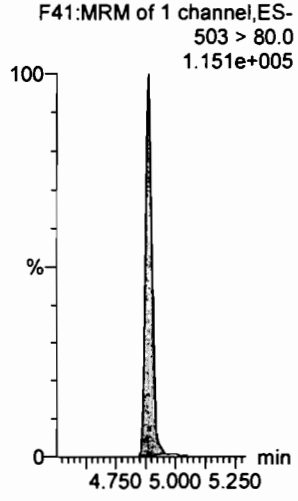
18O2-PFHxS



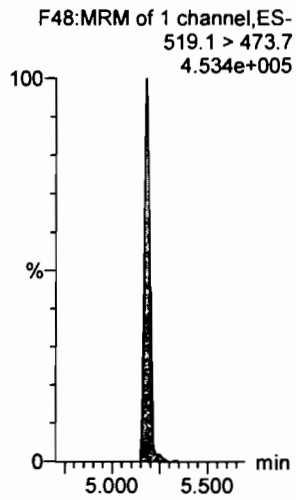
13C9-PFNA



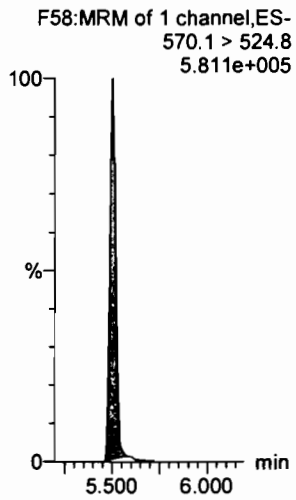
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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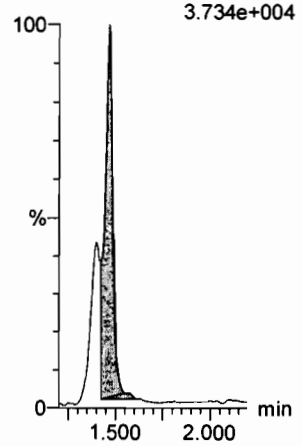
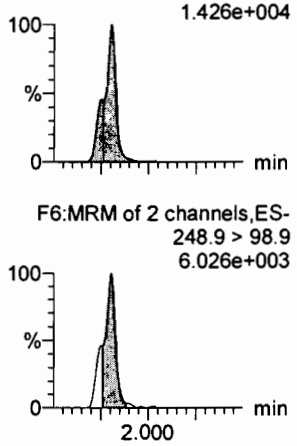
Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

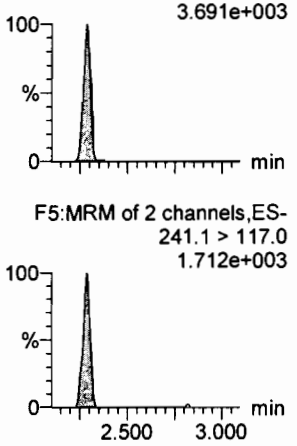
PFBA



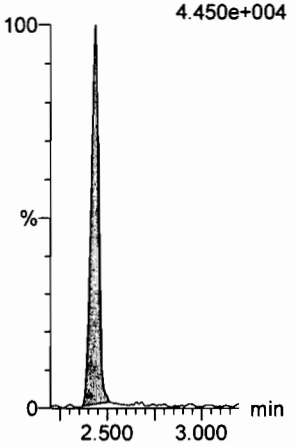
PFPrS



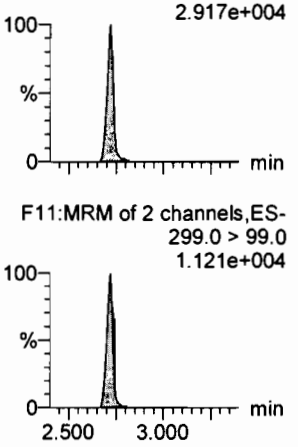
3:3 FTCA



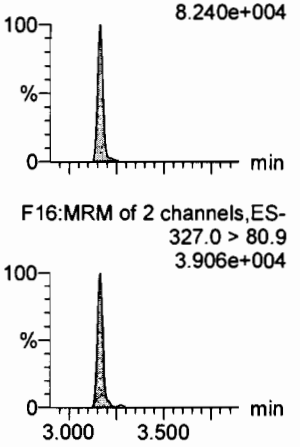
PFPeA



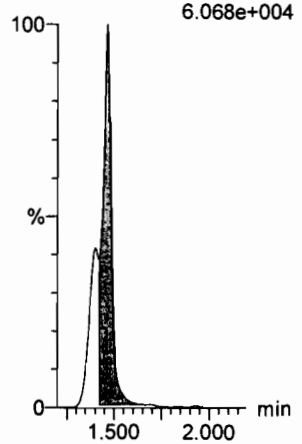
PFBS



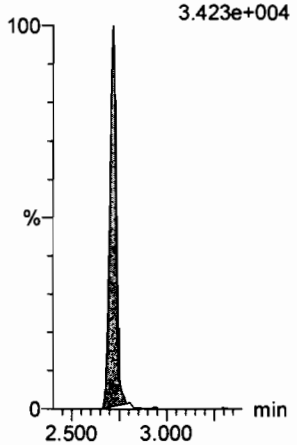
4:2 FTS



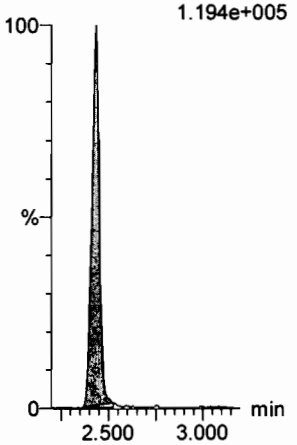
13C3-PFBA-EIS



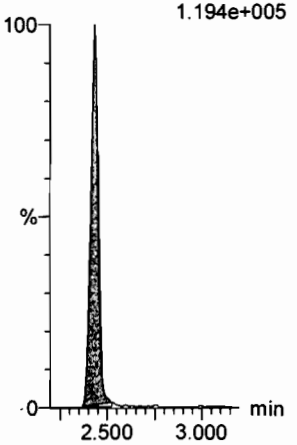
13C3-PFBS-EIS



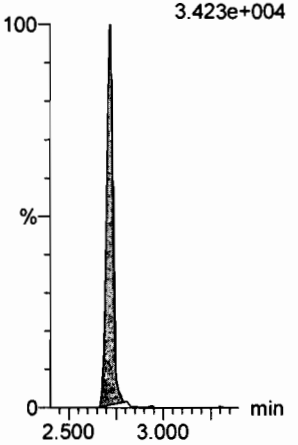
13C3-PFPeA-EIS



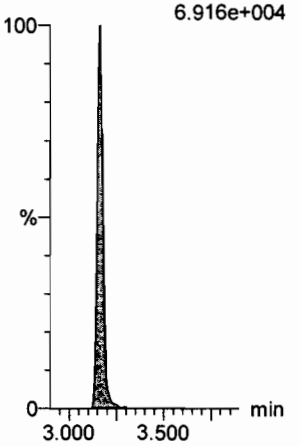
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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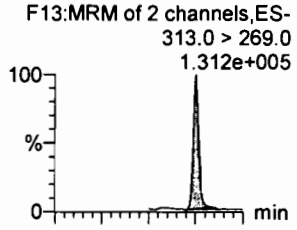
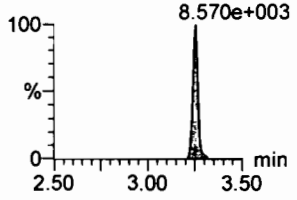
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

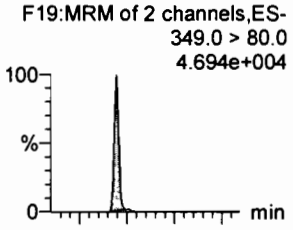
PFHxA
F13:MRM of 2 channels,ES-
313.0 > 269.0
1.312e+005



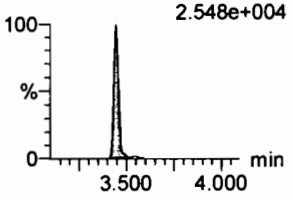
F13:MRM of 2 channels,ES-
313 > 118.9
8.570e+003



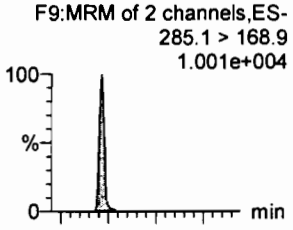
PFPeS
F19:MRM of 2 channels,ES-
349.0 > 80.0
4.694e+004



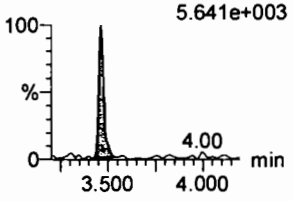
F19:MRM of 2 channels,ES-
349.0 > 99.0
2.548e+004



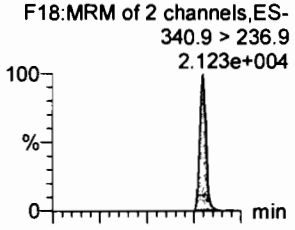
HFPO-DA
F9:MRM of 2 channels,ES-
285.1 > 168.9
1.001e+004



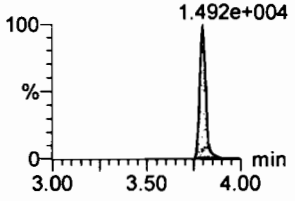
F9:MRM of 2 channels,ES-
285.1 > 185.0
5.641e+003



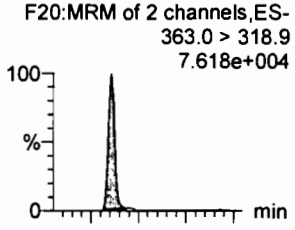
5:3 FTCA
F18:MRM of 2 channels,ES-
340.9 > 236.9
2.123e+004



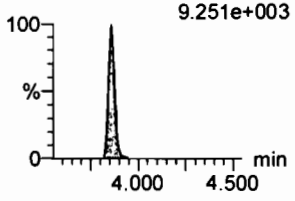
F18:MRM of 2 channels,ES-
340.9 > 216.9
1.492e+004



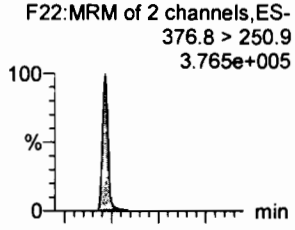
PFHpA
F20:MRM of 2 channels,ES-
363.0 > 318.9
7.618e+004



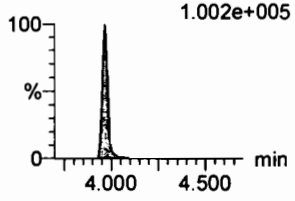
F20:MRM of 2 channels,ES-
363.0 > 169.0
9.251e+003



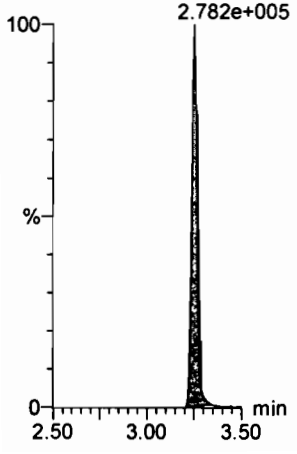
ADONA
F22:MRM of 2 channels,ES-
376.8 > 250.9
3.765e+005



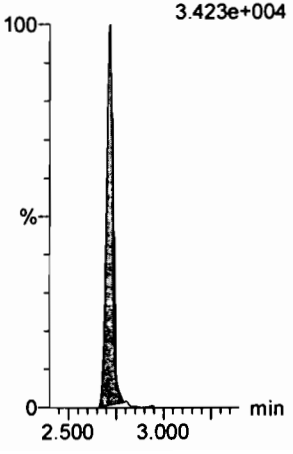
F22:MRM of 2 channels,ES-
376.8 > 85.0
1.002e+005



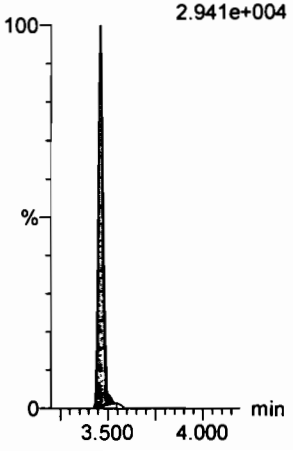
13C2-PFHxA-EIS
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.782e+005



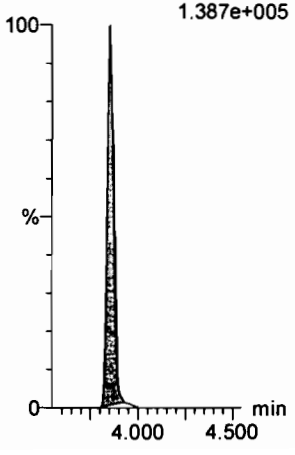
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.423e+004



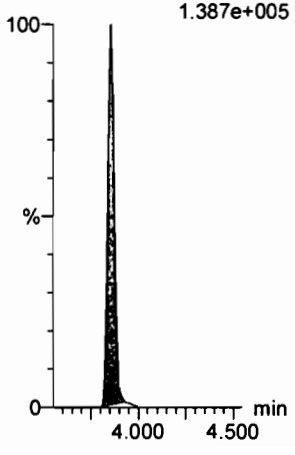
13C3-HFPO-DA-EIS
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.941e+004



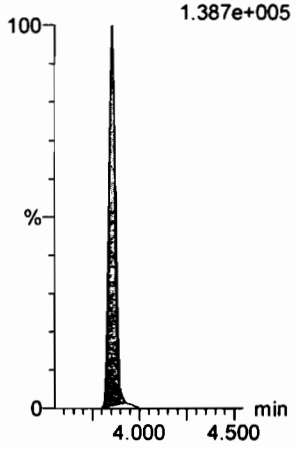
13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.387e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.387e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.387e+005



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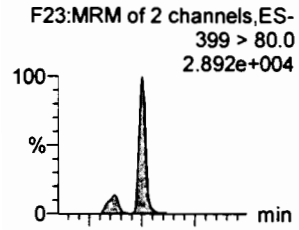
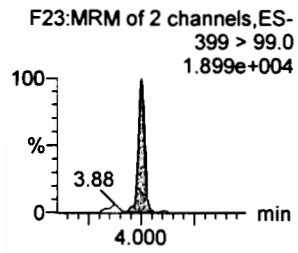
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

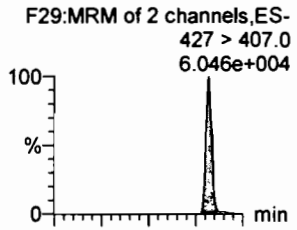
Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

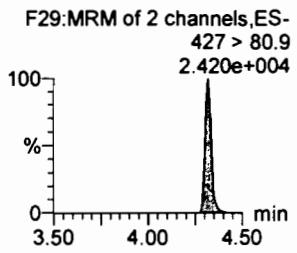
L-PFHxS



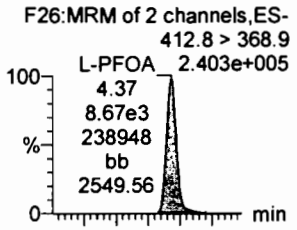


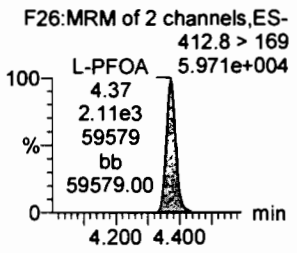
6:2 FTS



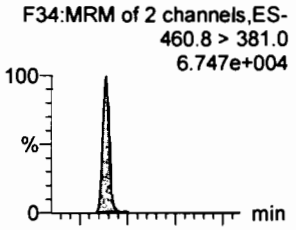


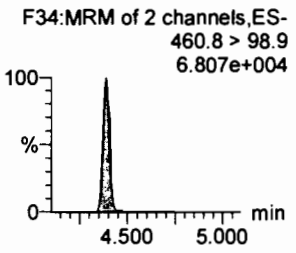
L-PFOA



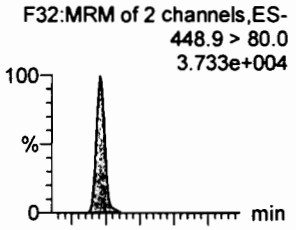


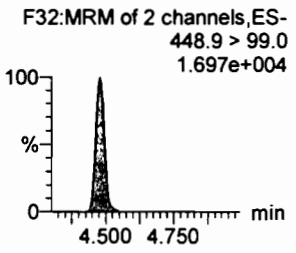
PFEChS



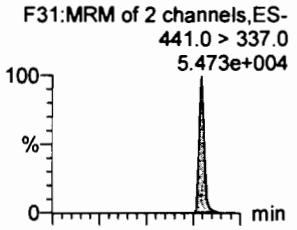


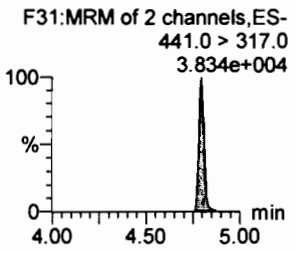
PFHpS



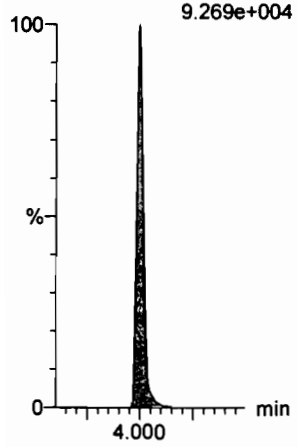


7:3 FTCA

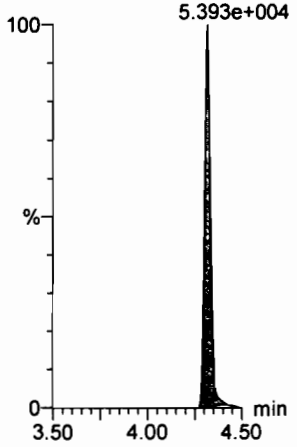




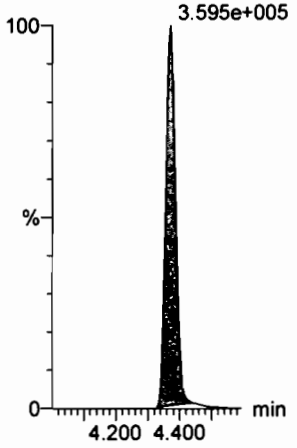
13C3-PFHxS-EIS



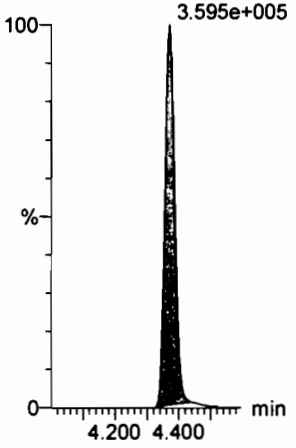
13C2-6:2 FTS-EIS



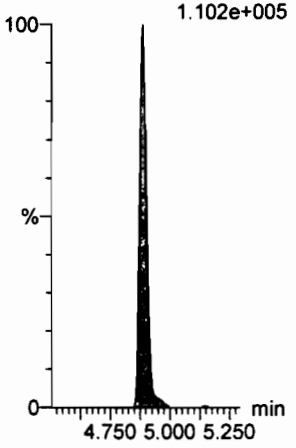
13C2-PFOA-EIS



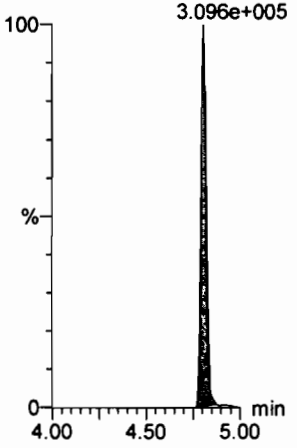
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

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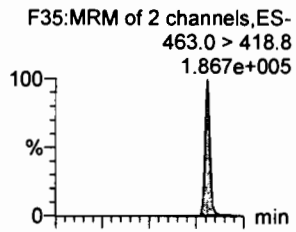
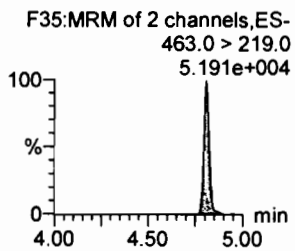
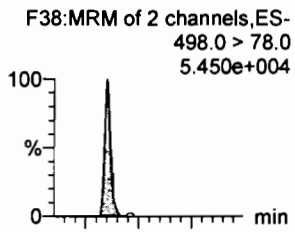
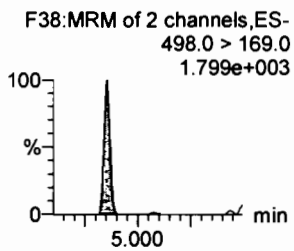


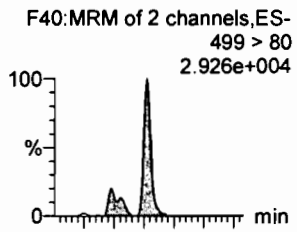


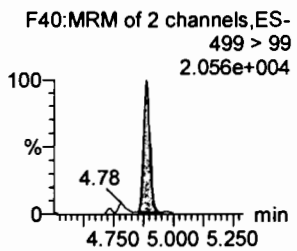
PFOSA



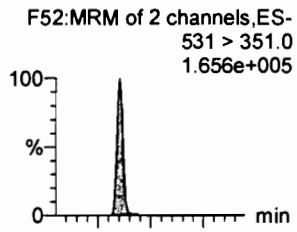


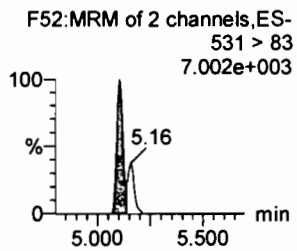
L-PFOS



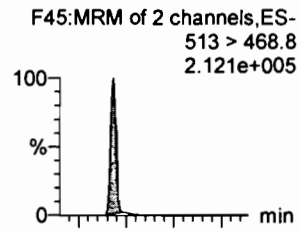


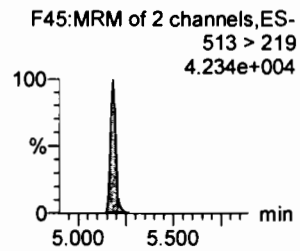
9Cl-PF30NS



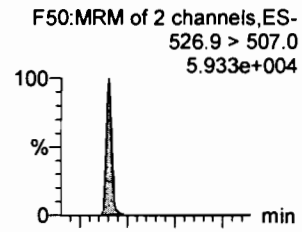


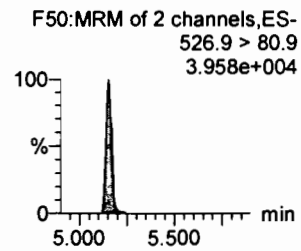
PFDA



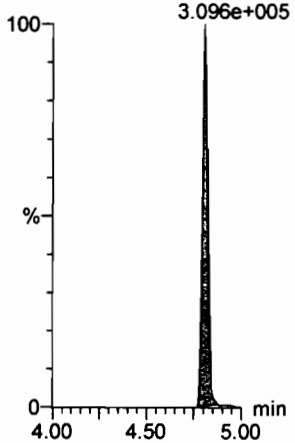


8:2 FTS

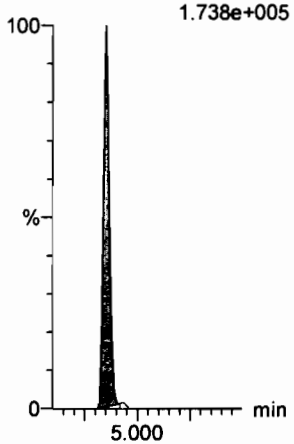




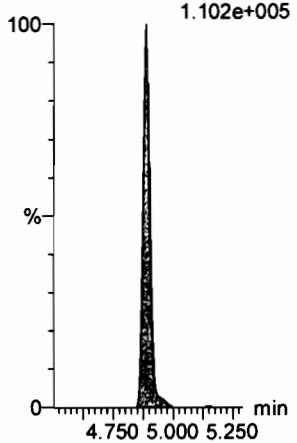
13C5-PFNA-EIS



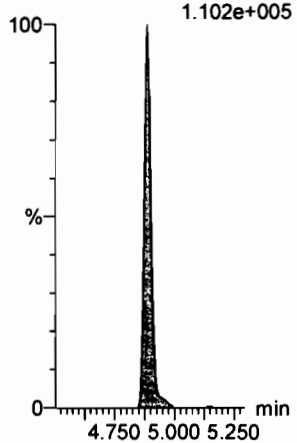
13C8-PFOSA-EIS



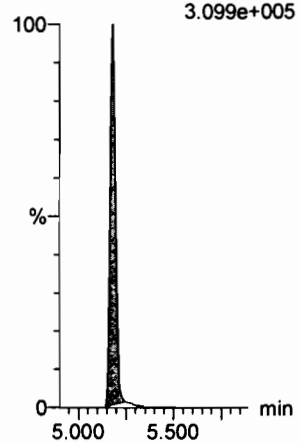
13C8-PFOS-EIS



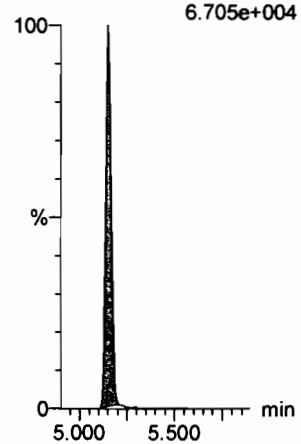
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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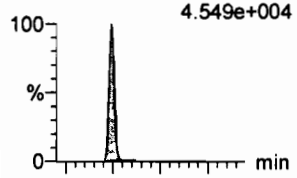
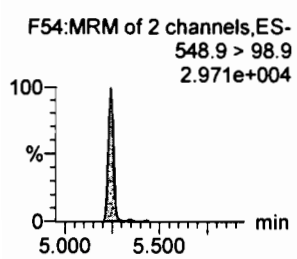
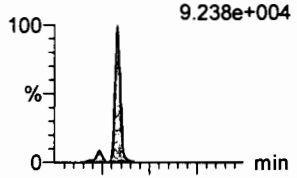
Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

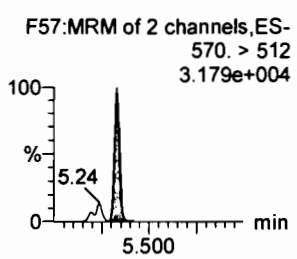
PFNS





L-MeFOSAA





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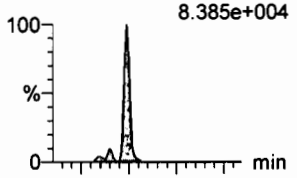
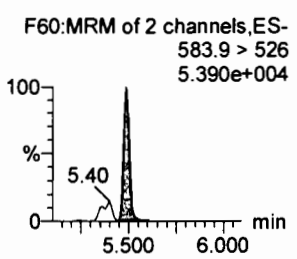
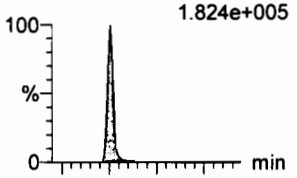
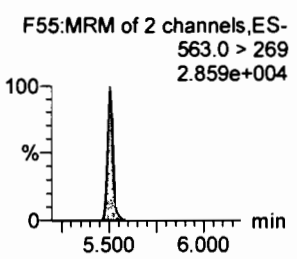


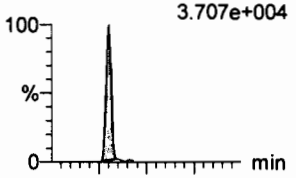


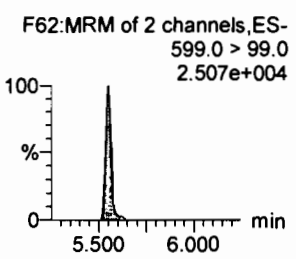
PFUdA



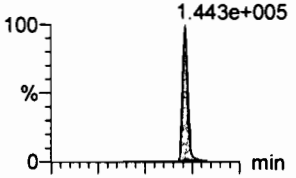


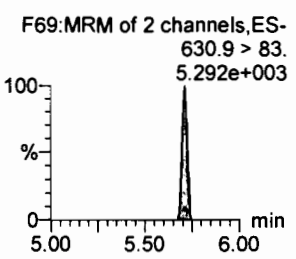
PFDS



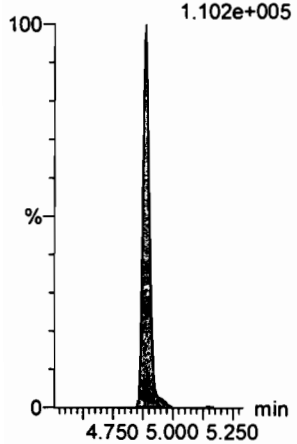


11Cl-PF30UdS

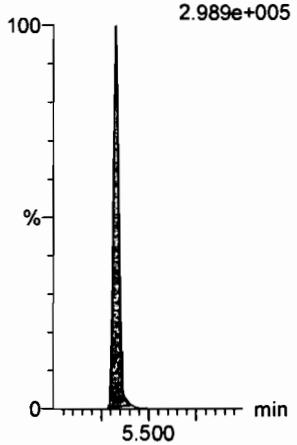




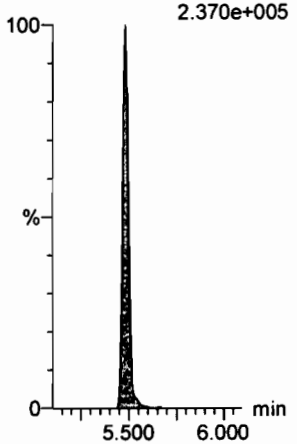
13C8-PFOS-EIS



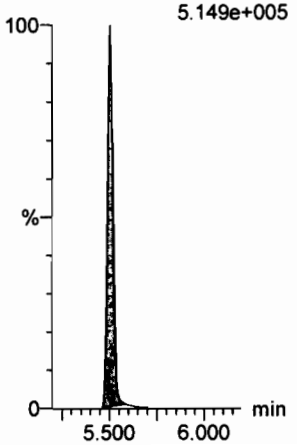
d3-N-MeFOSAA-EIS



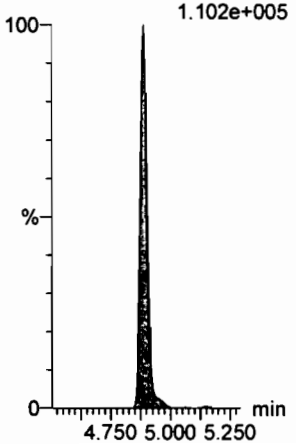
d5-N-EtFOSAA-EIS



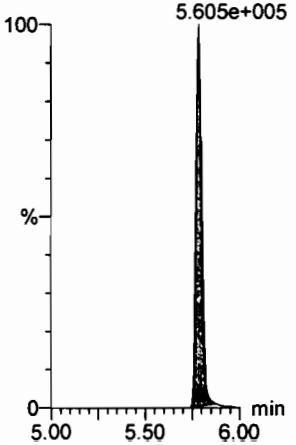
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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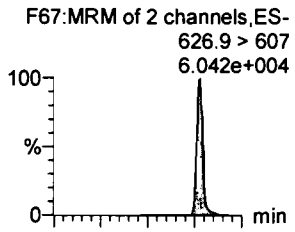
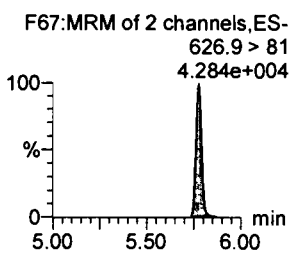
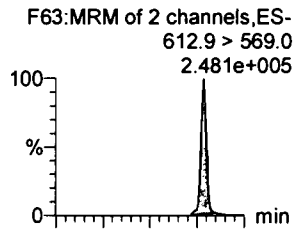
Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

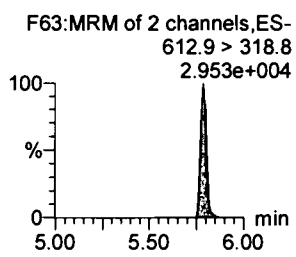
10:2 FTS



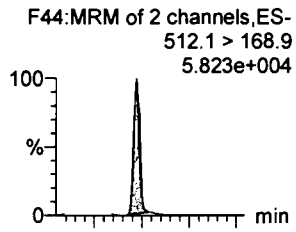


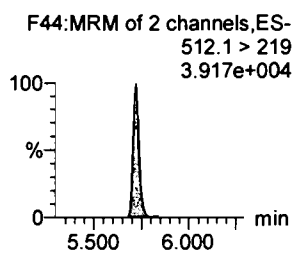
PFDoA





N-MeFOSA





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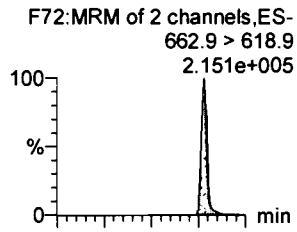
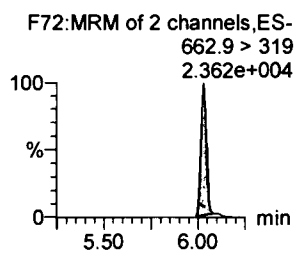
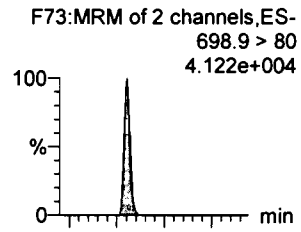
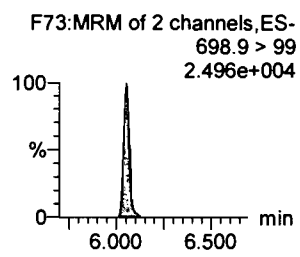


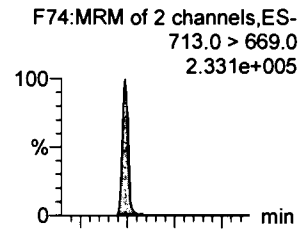


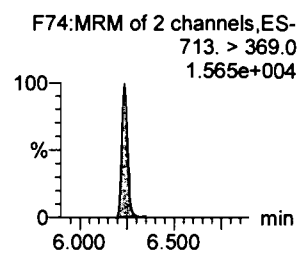
PFDoS



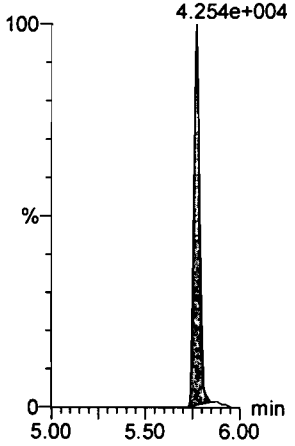


PFTeDA

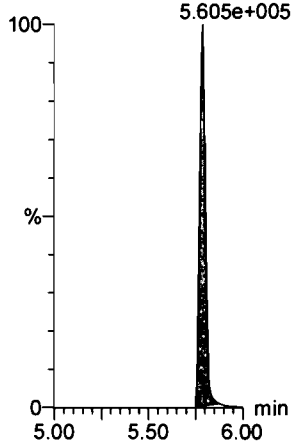




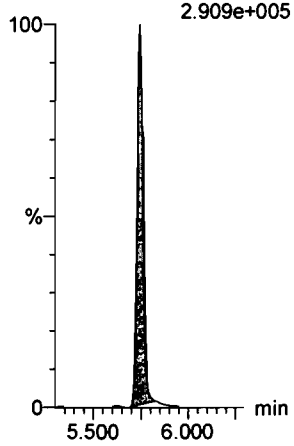
13C2-10:2 FTS-EIS



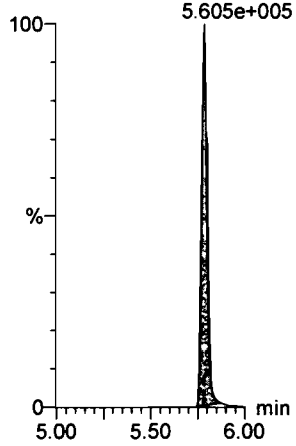
13C2-PFDoA-EIS



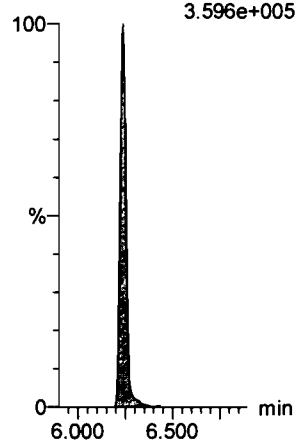
d3-N-MeFOSA-EIS



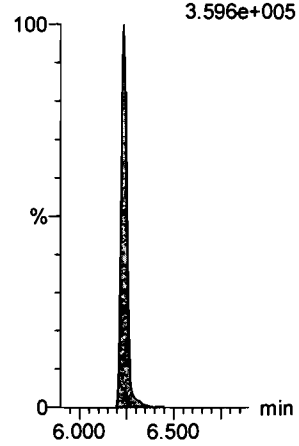
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

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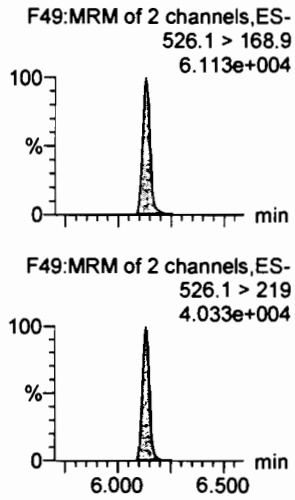
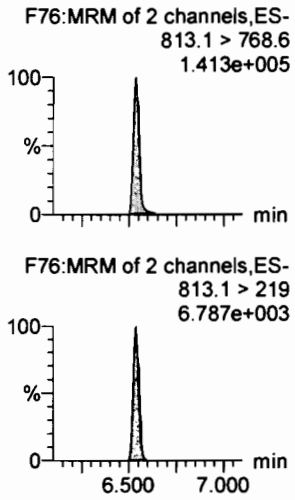


PFHxDA



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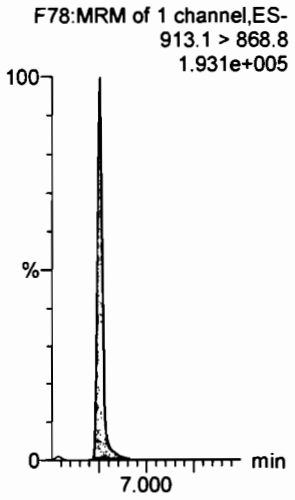
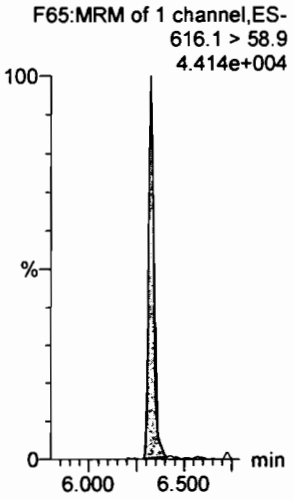
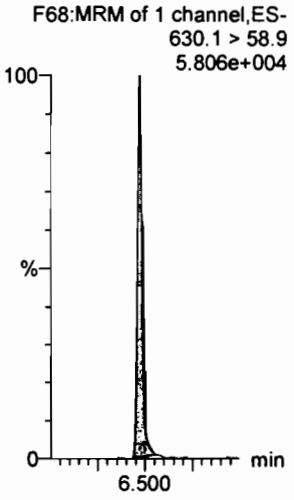


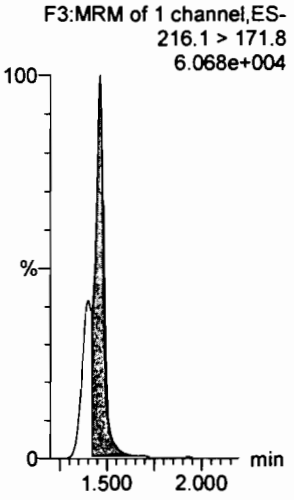
N-MeFOSE



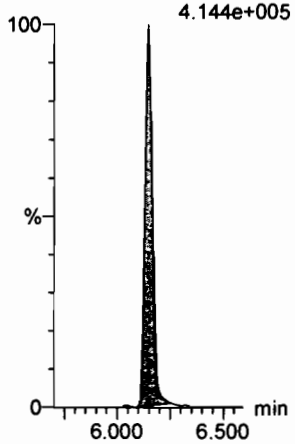
N-EtFOSE



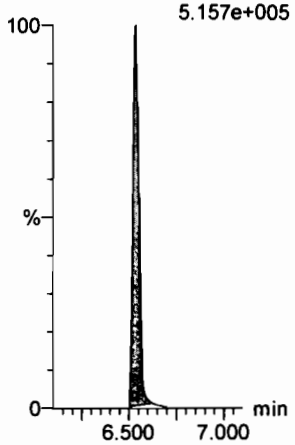
13C3-PFBA-RSD



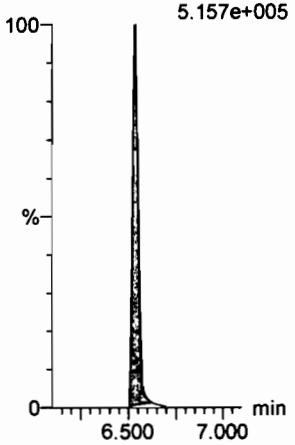
d5-N-ETFOSA-EIS



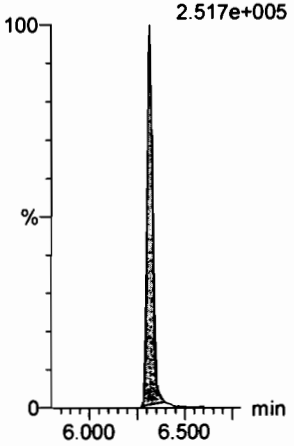
13C2-PFHxDA-EIS



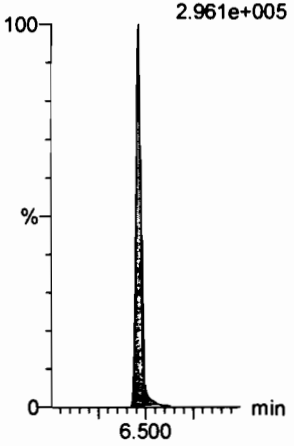
13C2-PFHxDA-EIS



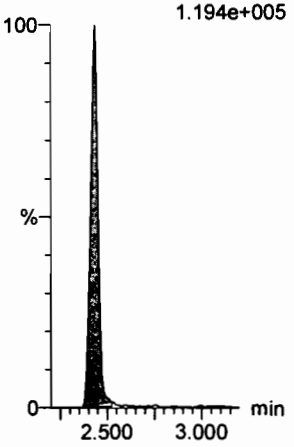
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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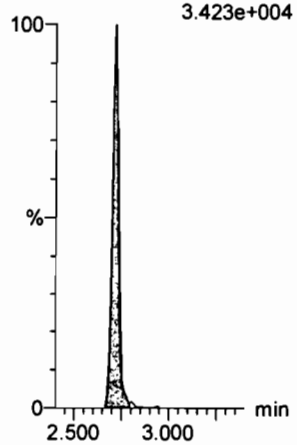
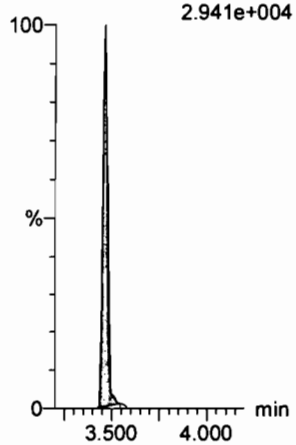
Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

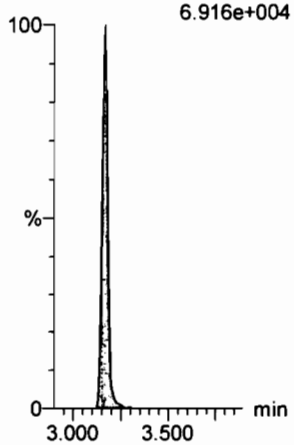
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.423e+004



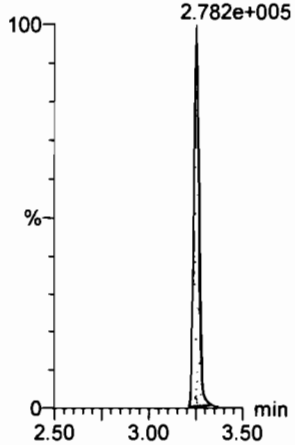
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.941e+004



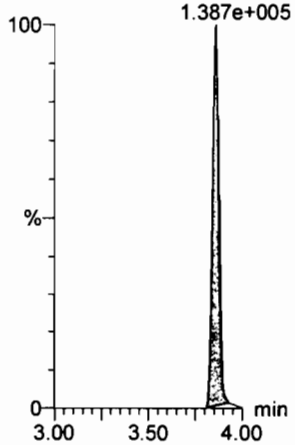
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.916e+004



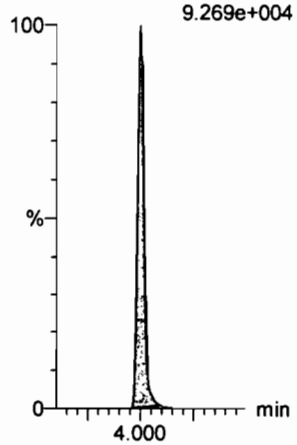
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.782e+005



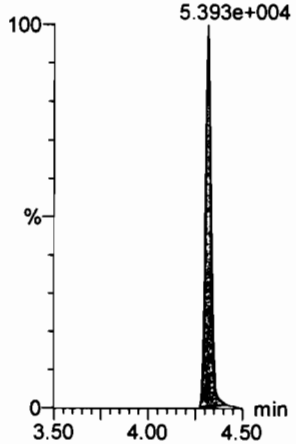
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.387e+005



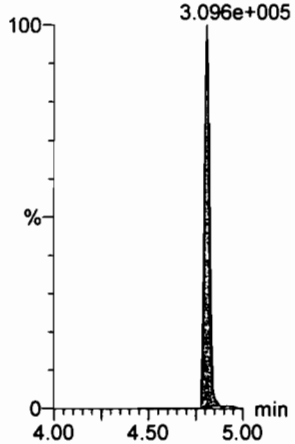
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.269e+004



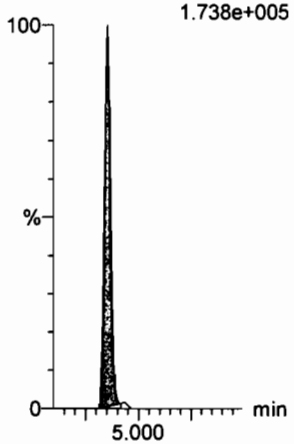
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.393e+004



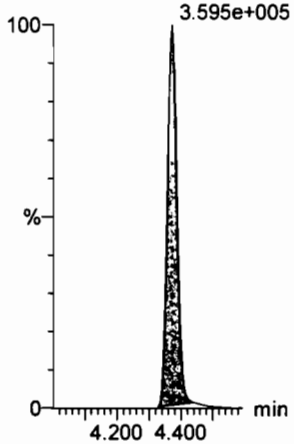
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.096e+005



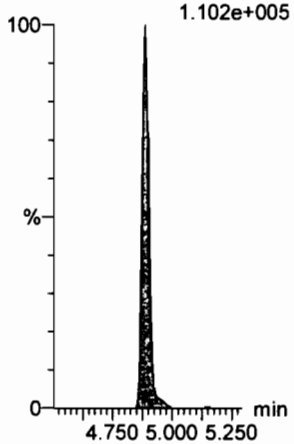
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.738e+005



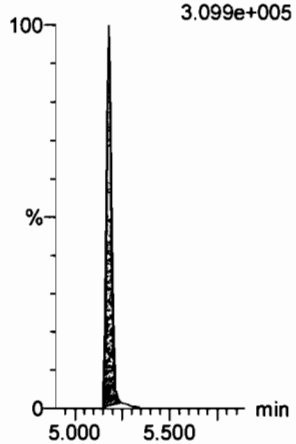
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.595e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.102e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.099e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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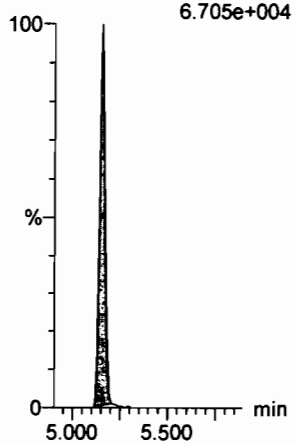
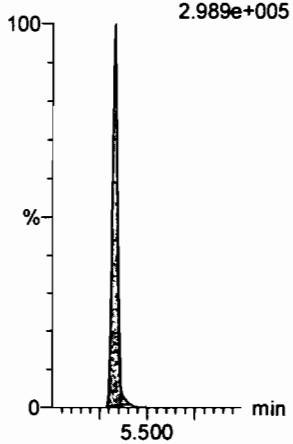
Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

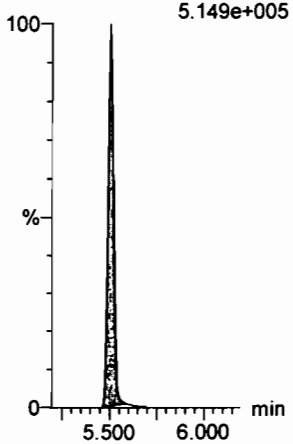
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.705e+004



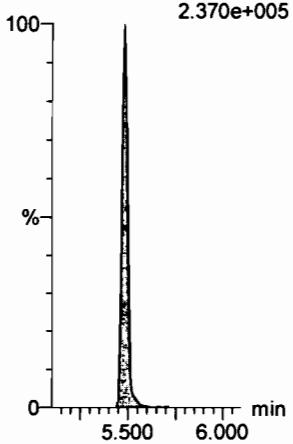
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.989e+005



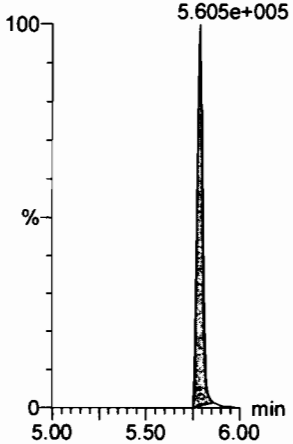
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.149e+005



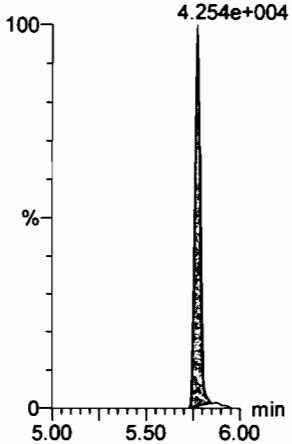
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.370e+005



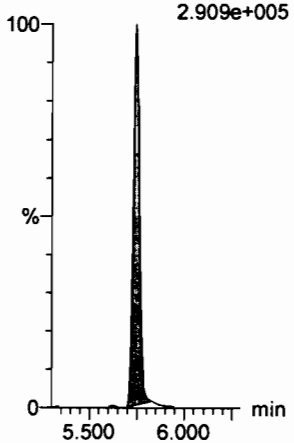
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.605e+005



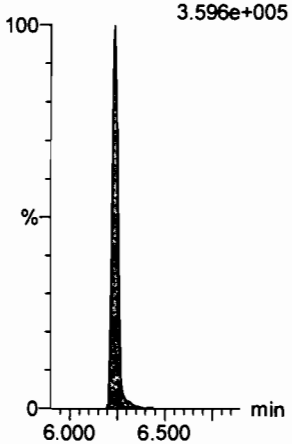
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.254e+004



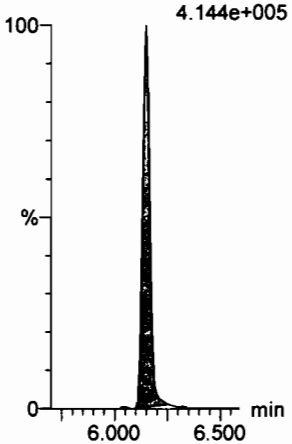
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.909e+005



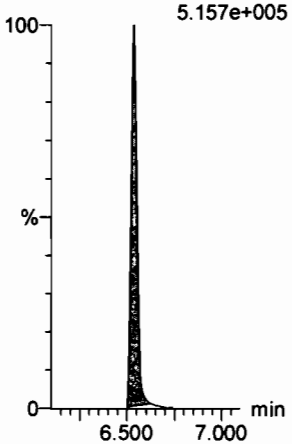
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.596e+005



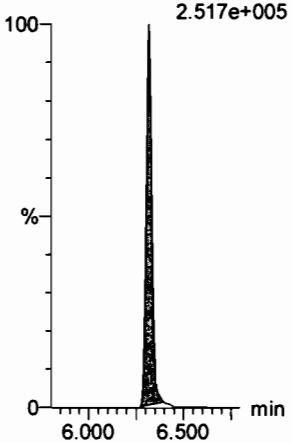
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.144e+005



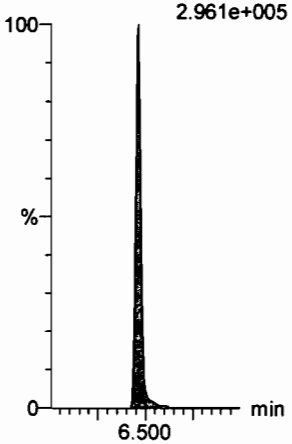
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.157e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.517e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.961e+005



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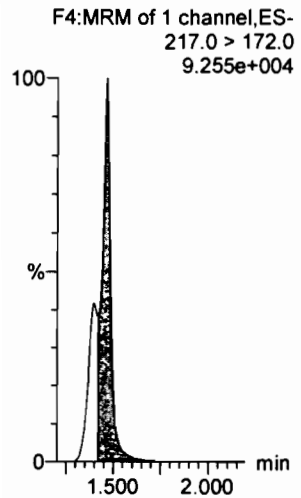
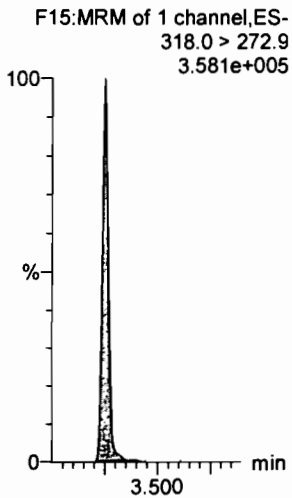
Name: 200702M1_7, Date: 02-Jul-2020, Time: 16:28:57, ID: ST200702M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

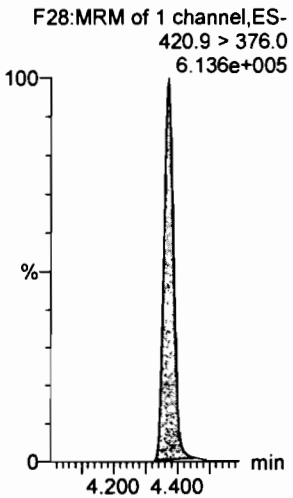
13C4-PFBA



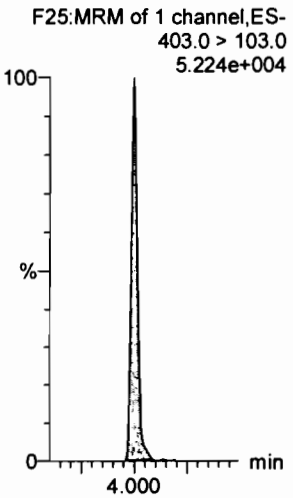
13C5-PFHxA



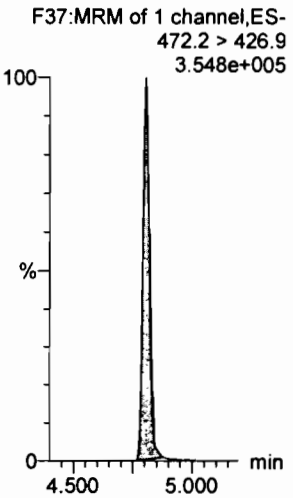
13C8-PFOA



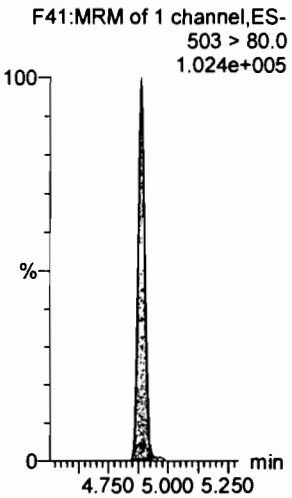
18O2-PFHxS



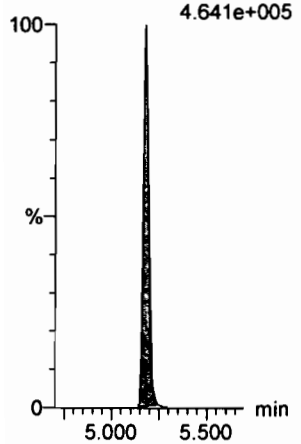
13C9-PFNA



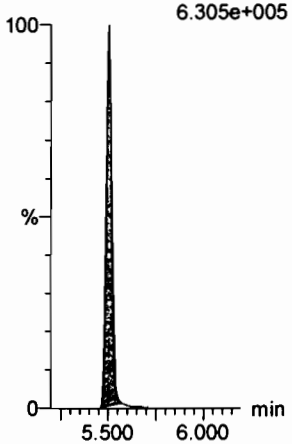
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

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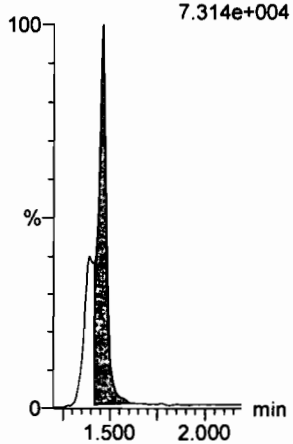
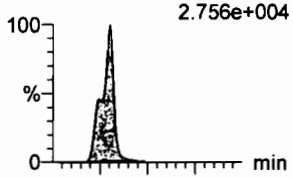
Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

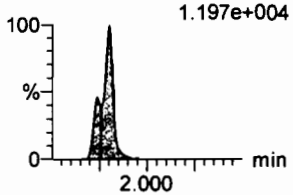
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
7.314e+004



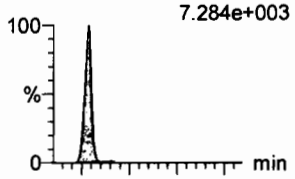
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.756e+004



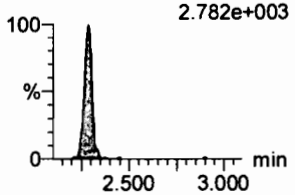
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.197e+004



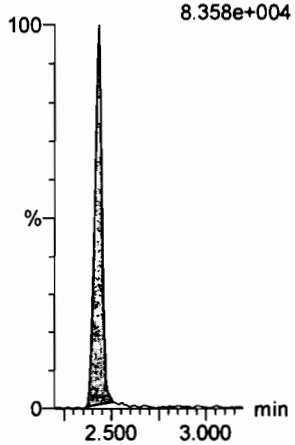
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
7.284e+003



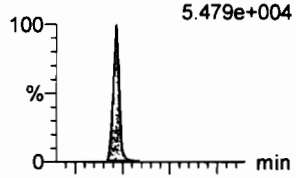
F5:MRM of 2 channels,ES-
241.1 > 117.0
2.782e+003



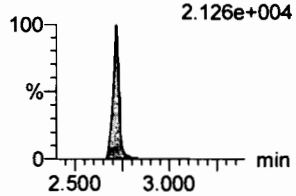
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
8.358e+004



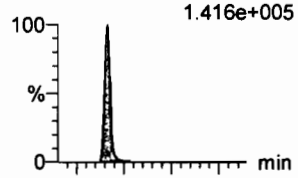
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
5.479e+004



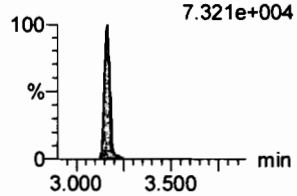
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.126e+004



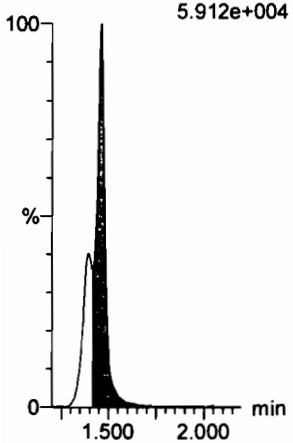
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.416e+005



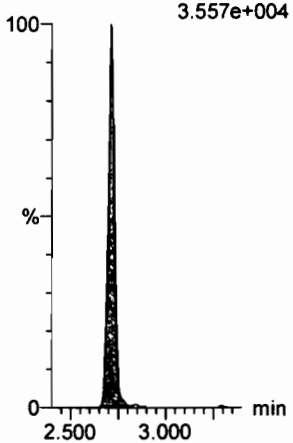
F16:MRM of 2 channels,ES-
327.0 > 80.9
7.321e+004



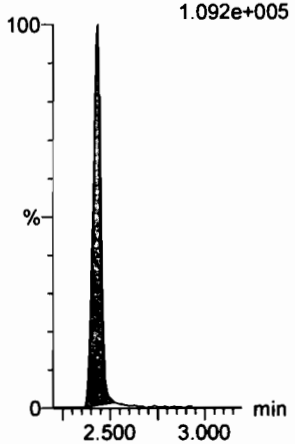
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.912e+004



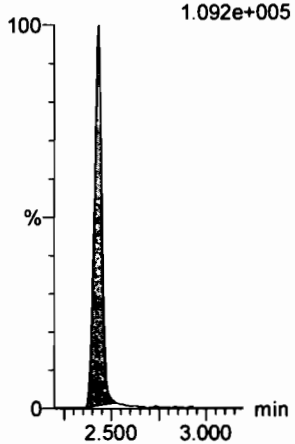
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.557e+004



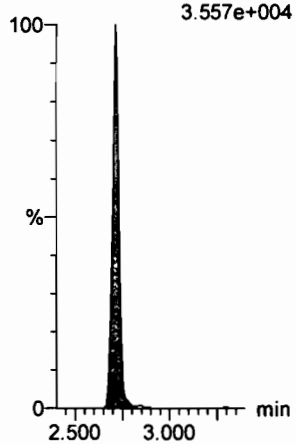
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.092e+005



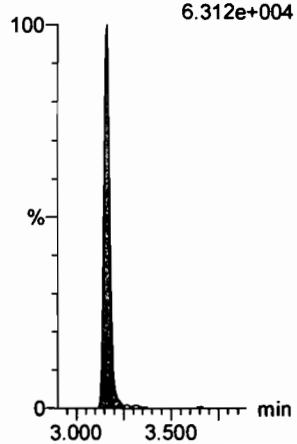
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.092e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.557e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.312e+004



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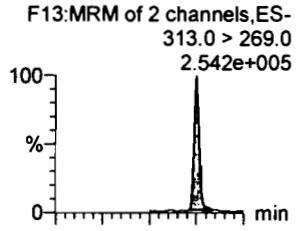
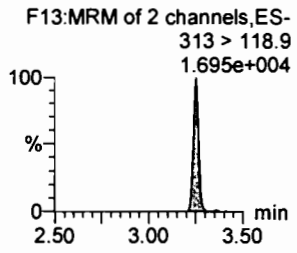
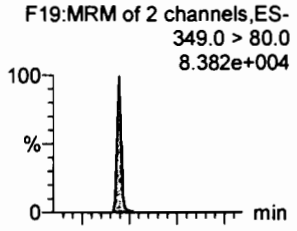
Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

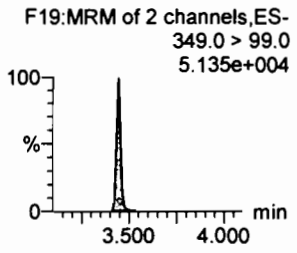
PFHxA



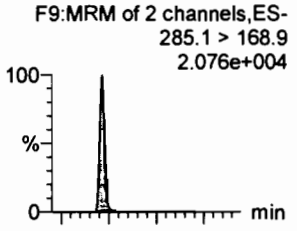


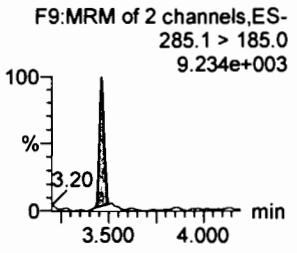
PFPeS



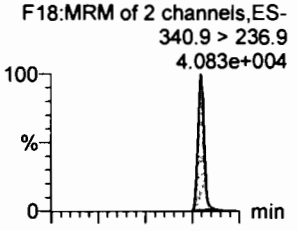


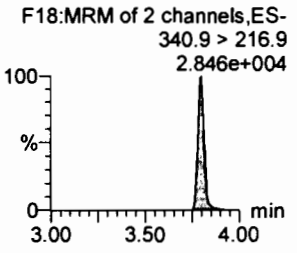
HFPO-DA



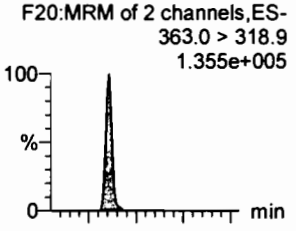


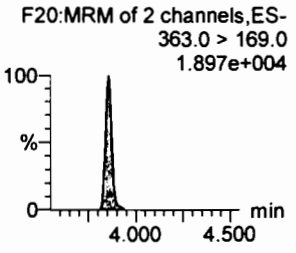
5:3 FTCA





PFHpA





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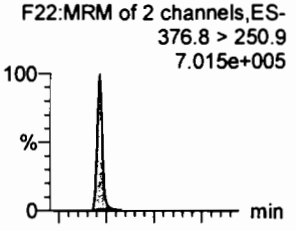
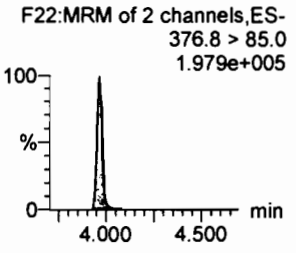
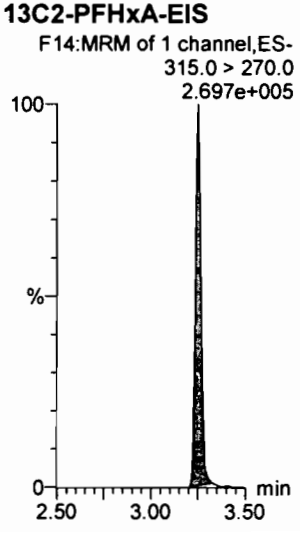
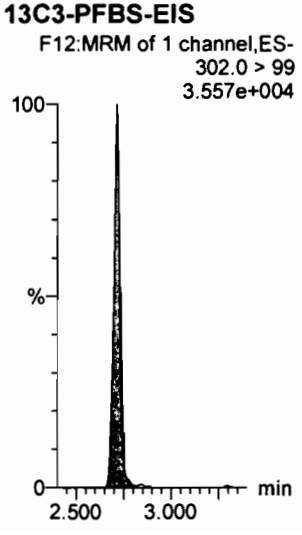




13C2-PFHxA-EIS



13C3-PFBS-EIS



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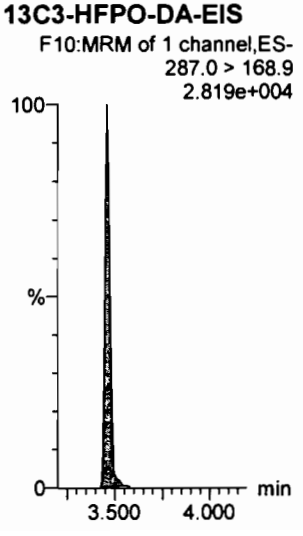

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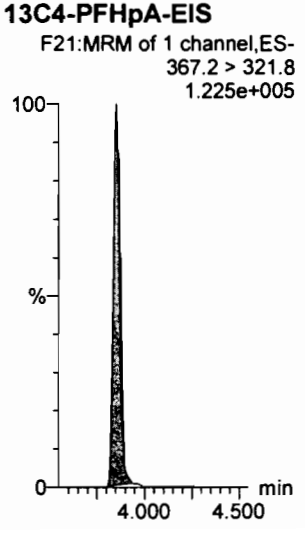

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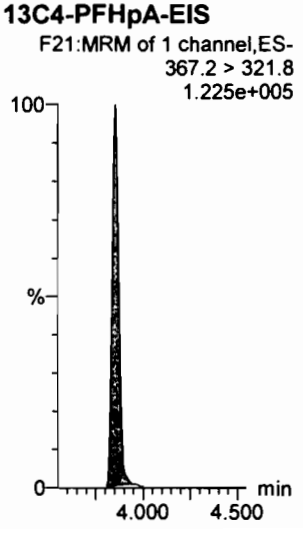

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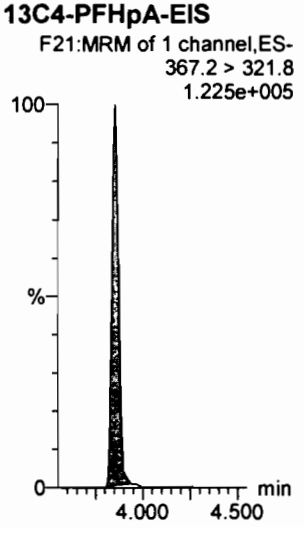

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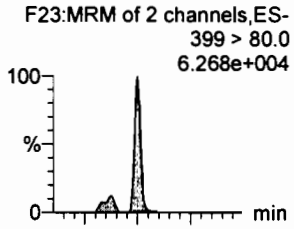
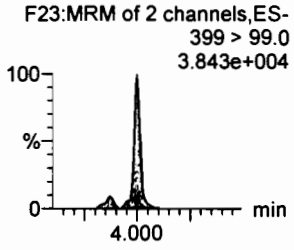
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

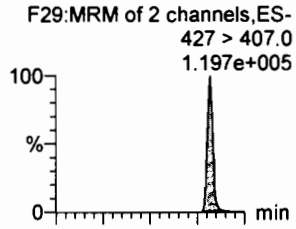
Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

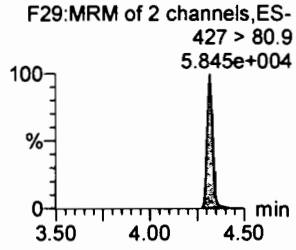
L-PFHxS





6:2 FTS





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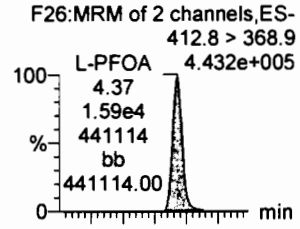

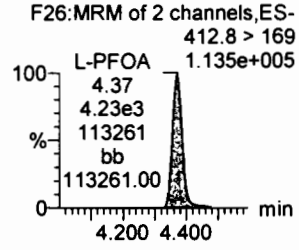

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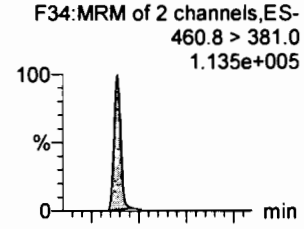

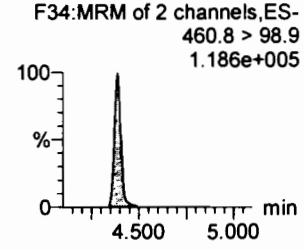

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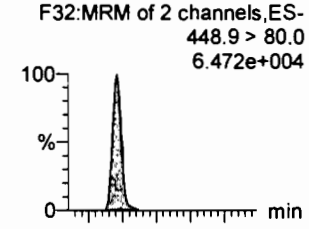
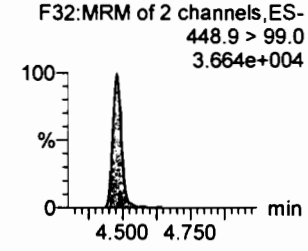
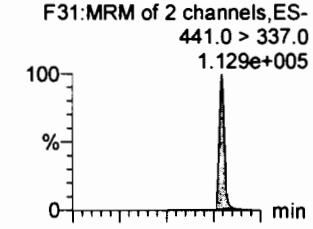
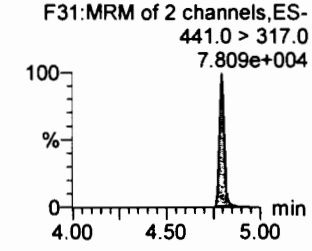




7:3 FTCA





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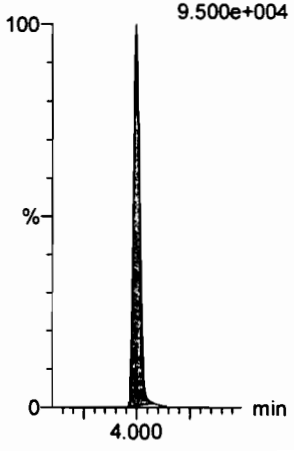
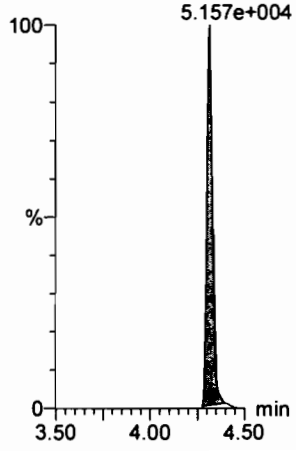
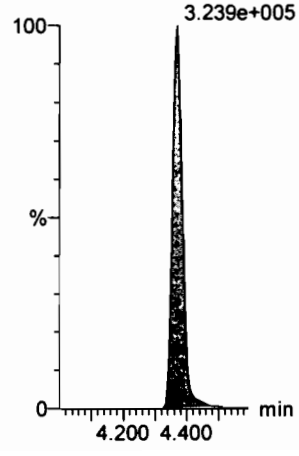


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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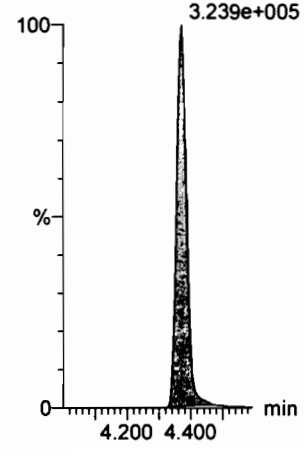
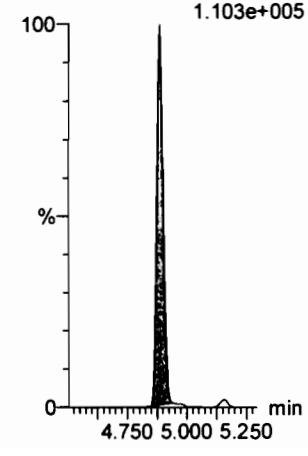
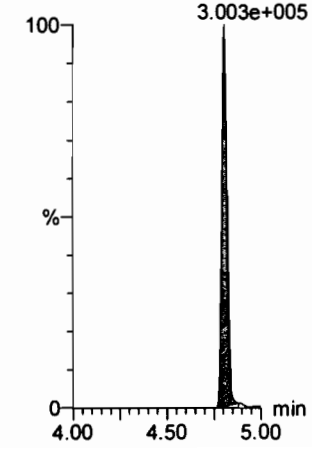


13C8-PFOS-EIS



13C5-PFNA-EIS



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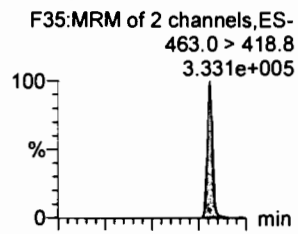

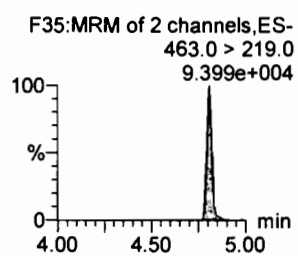

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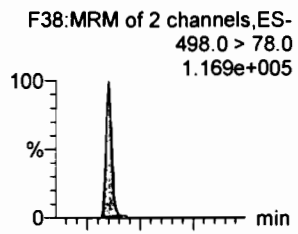
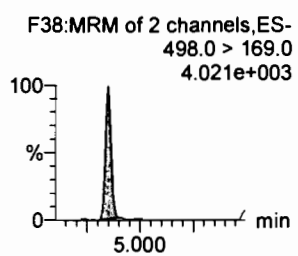
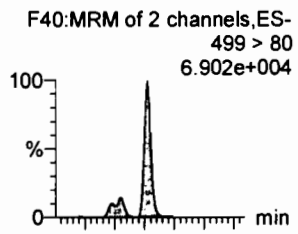
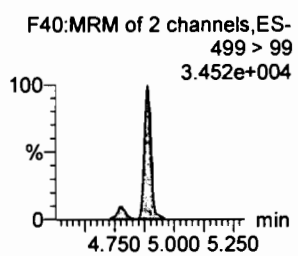


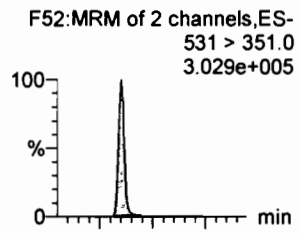


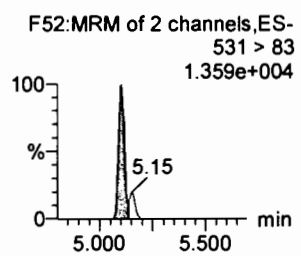
L-PFOS





9Cl-PF30NS





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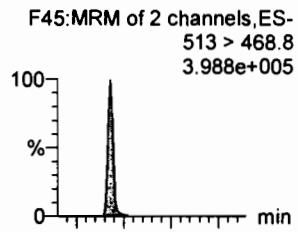
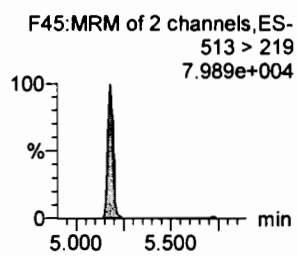
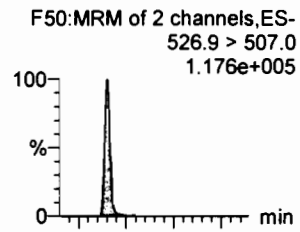
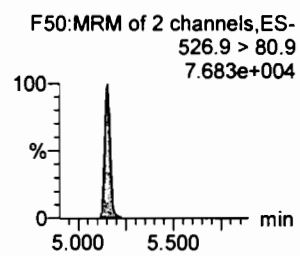


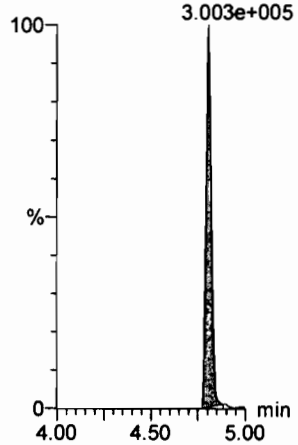


8:2 FTS

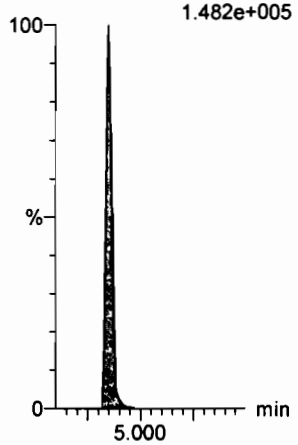




13C5-PFNA-EIS



13C8-PFOSA-EIS



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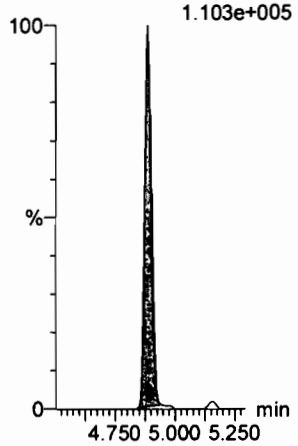

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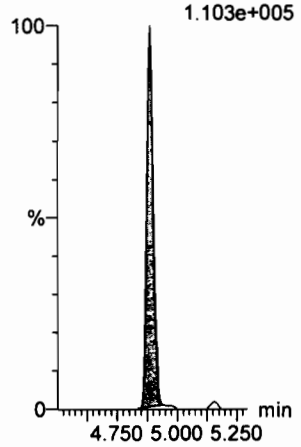
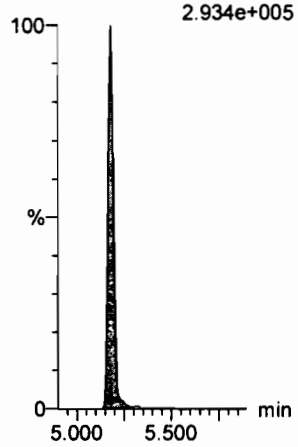
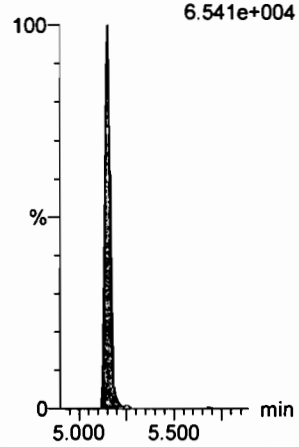


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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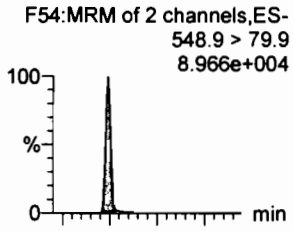
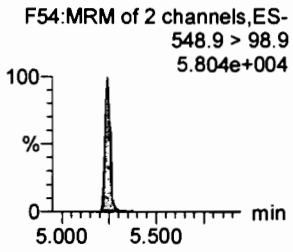
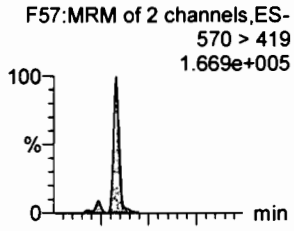
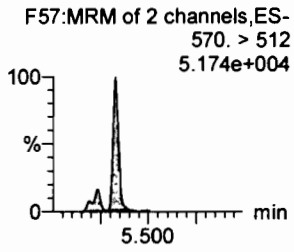
PFNS





L-MeFOSAA





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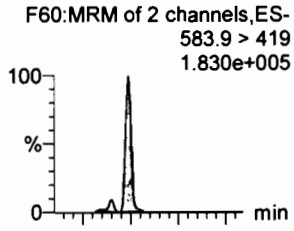
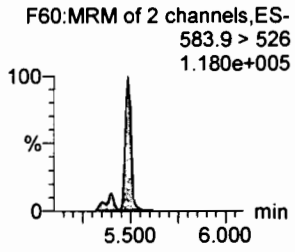
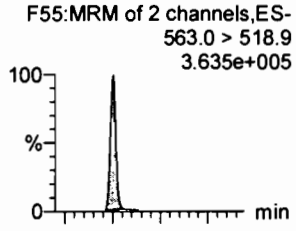
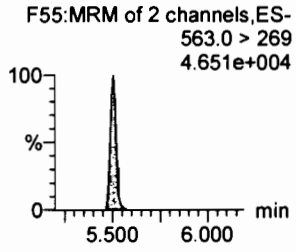


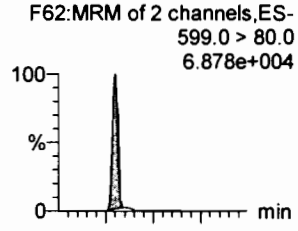


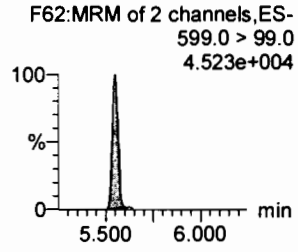
PFUdA



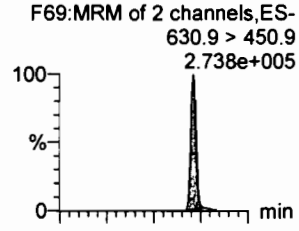


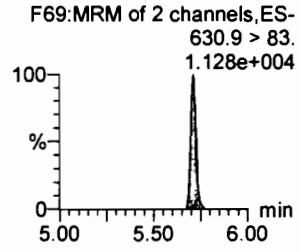
PFDS



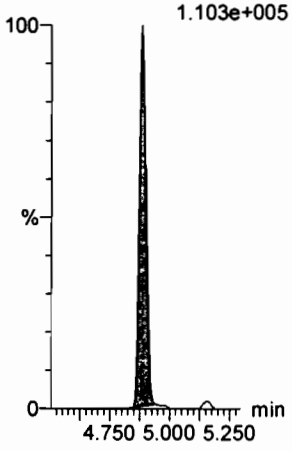


11Cl-PF30UdS

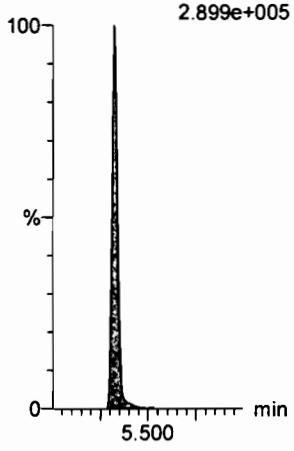




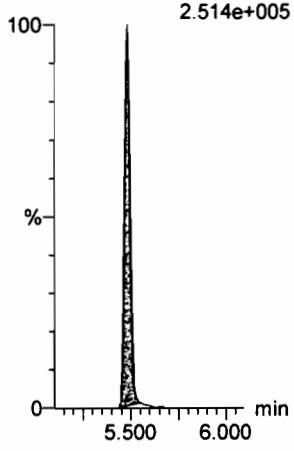
13C8-PFOS-EIS



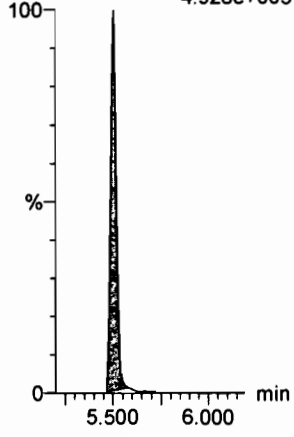
d3-N-MeFOSAA-EIS



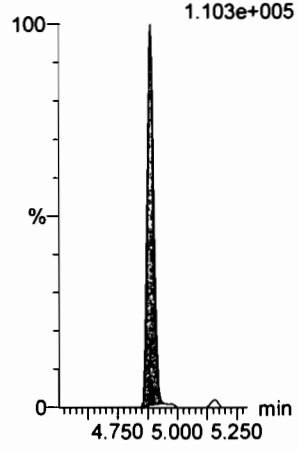
d5-N-EtFOSAA-EIS



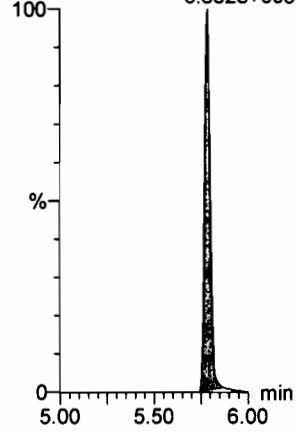
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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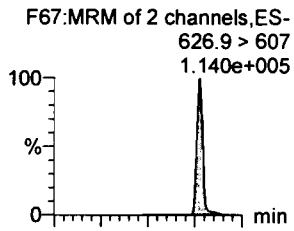
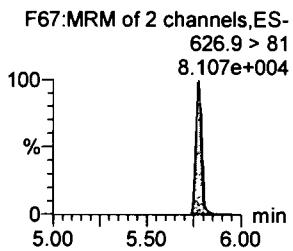
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

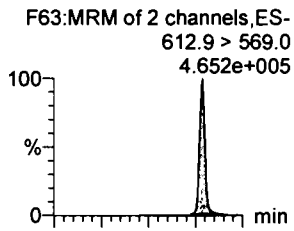
Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

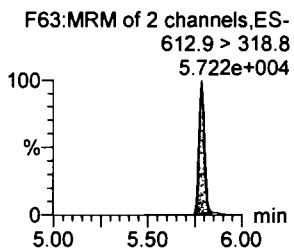
10:2 FTS



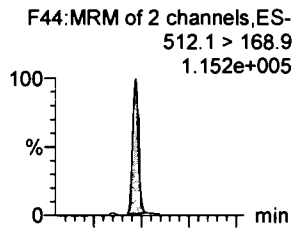


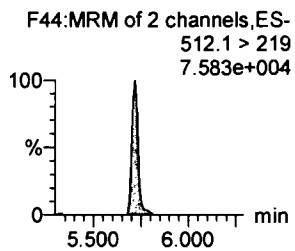
PFDoA





N-MeFOSA





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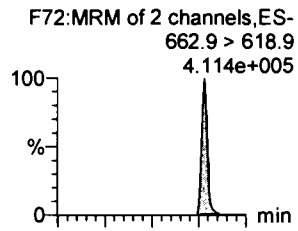

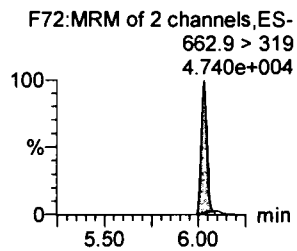

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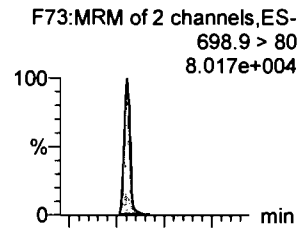

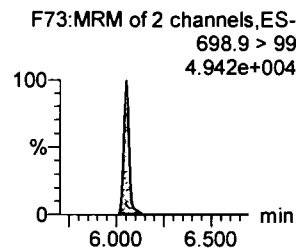

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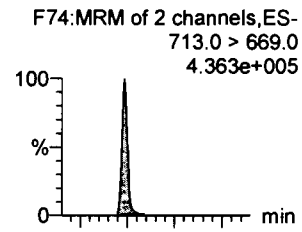
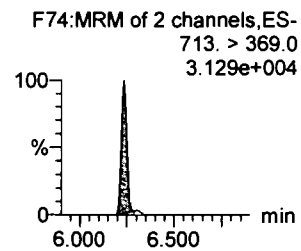
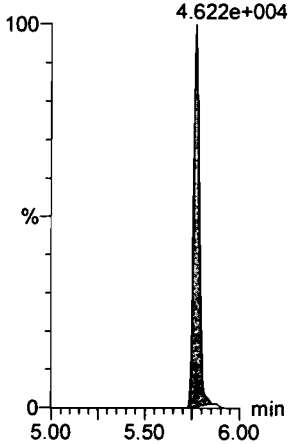
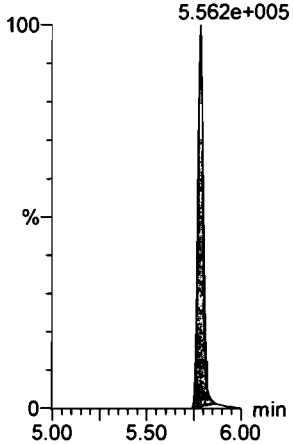




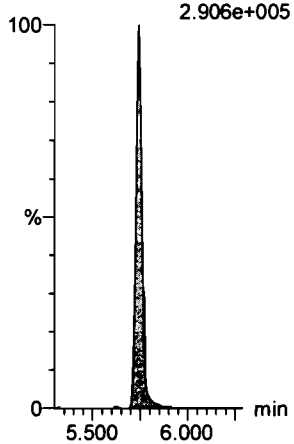
13C2-10:2 FTS-EIS



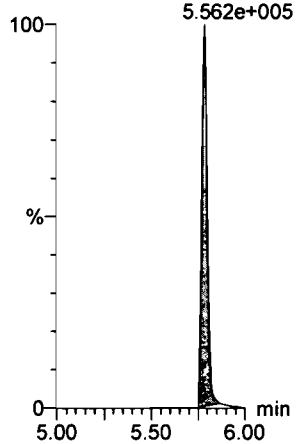
13C2-PFDoA-EIS



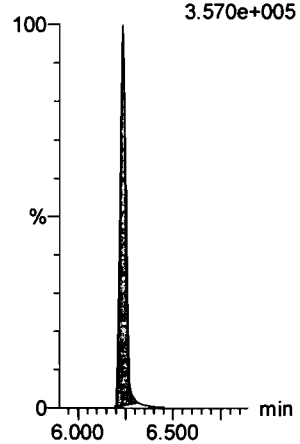
d3-N-MeFOSA-EIS



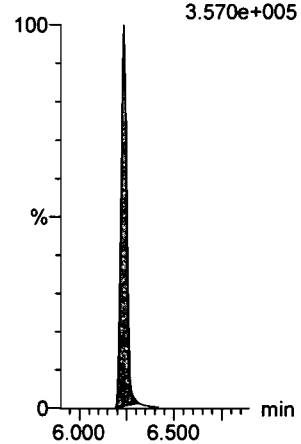
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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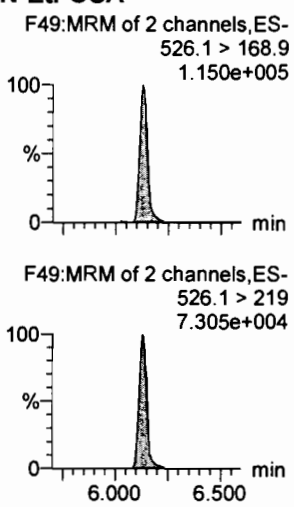
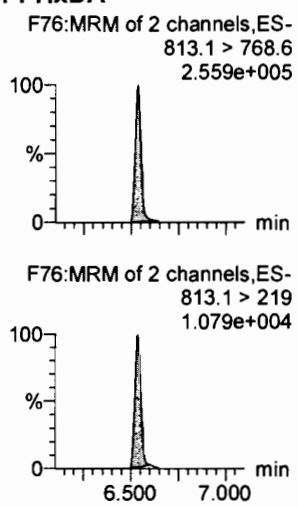
Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

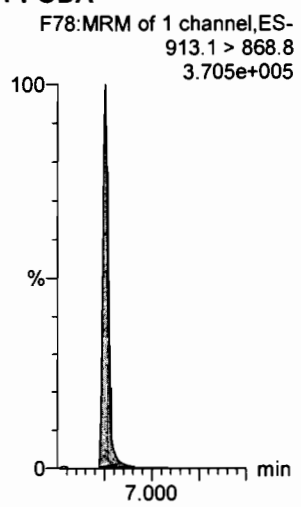
N-EtFOSA



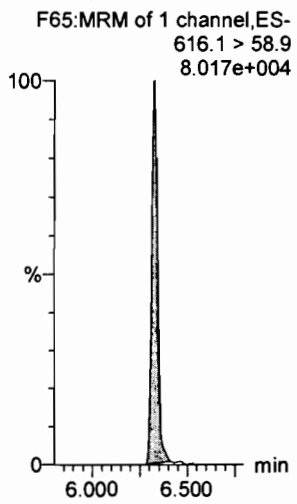
PFHxDA



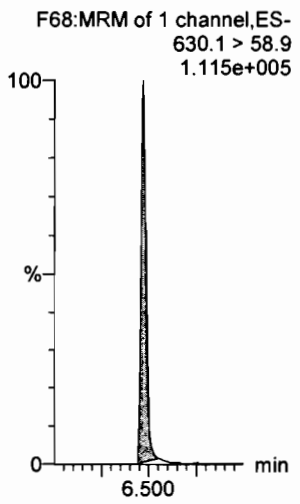
PFODA



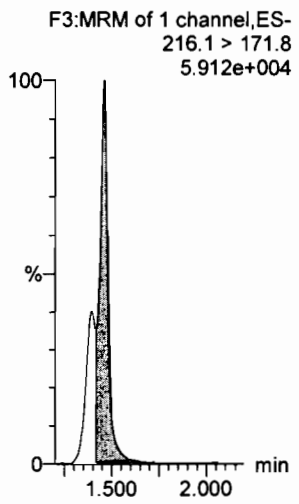
N-MeFOSE



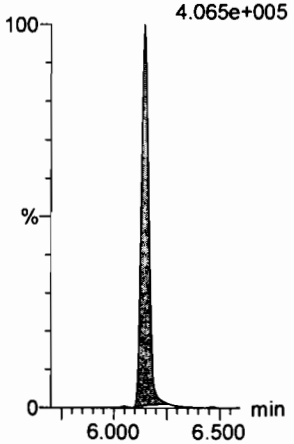
N-EtFOSE



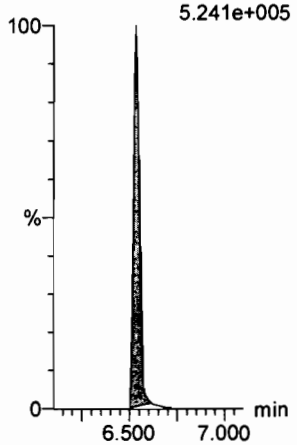
13C3-PFBA-RSD



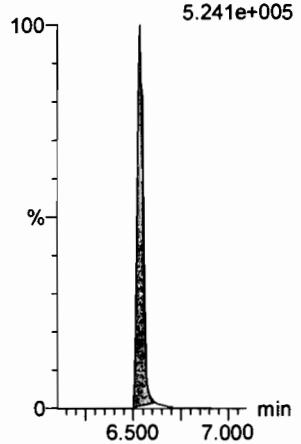
d5-N-ETFOSA-EIS



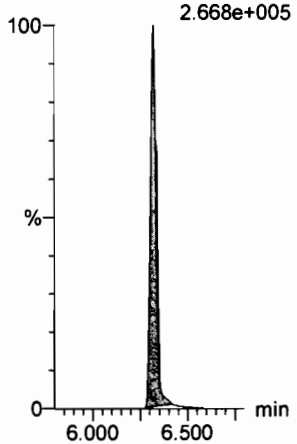
13C2-PFHxDA-EIS



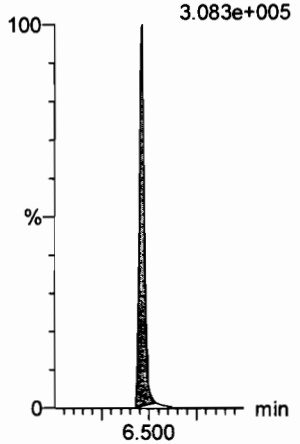
13C2-PFHxDA-EIS



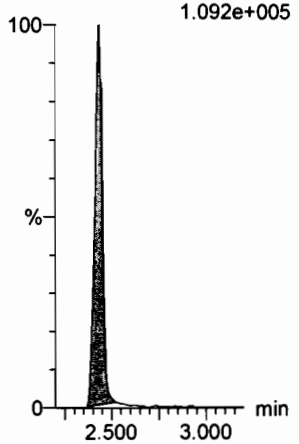
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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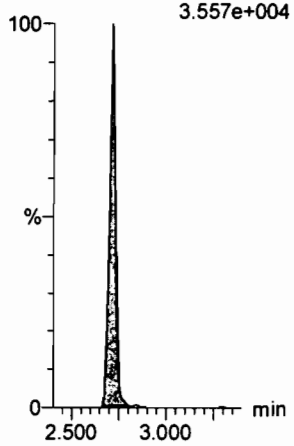
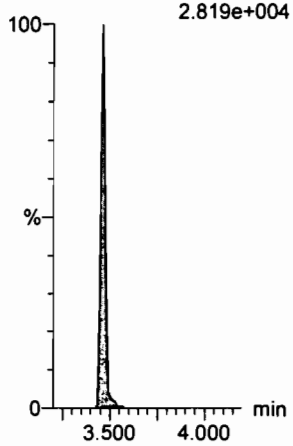
Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

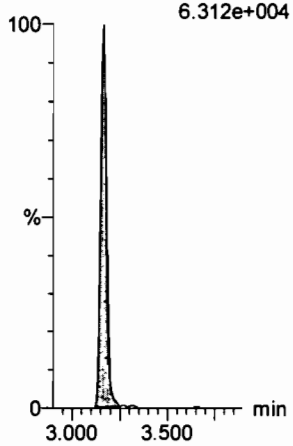
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.557e+004



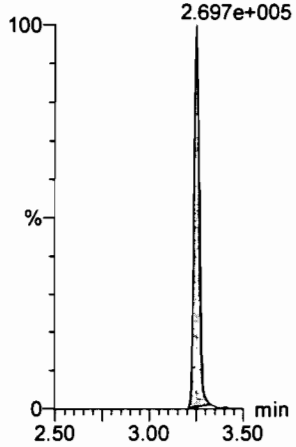
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.819e+004



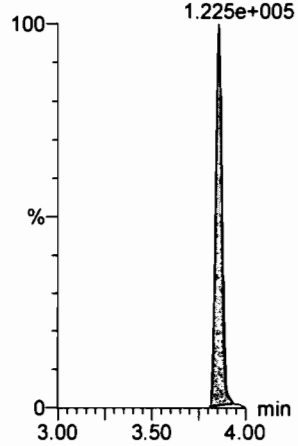
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.312e+004



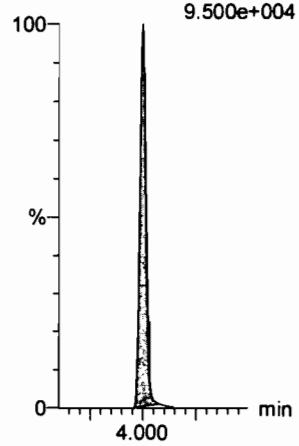
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.697e+005



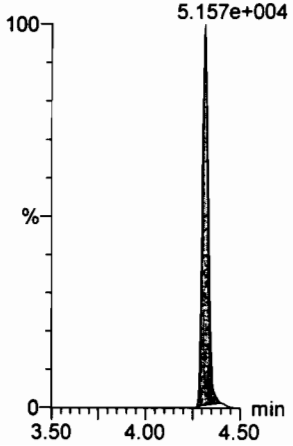
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.225e+005



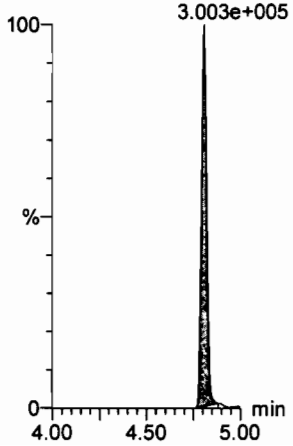
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.500e+004



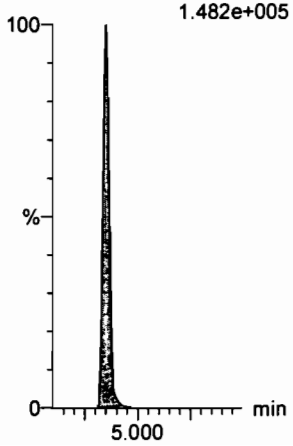
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.157e+004



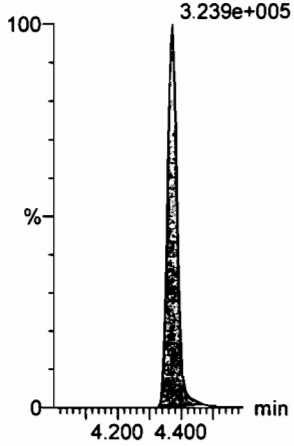
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.003e+005



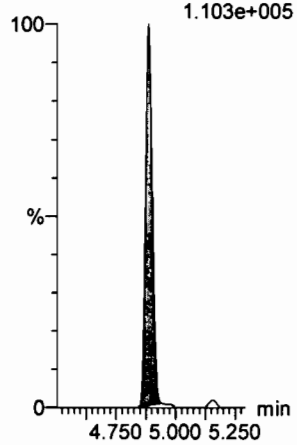
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.482e+005



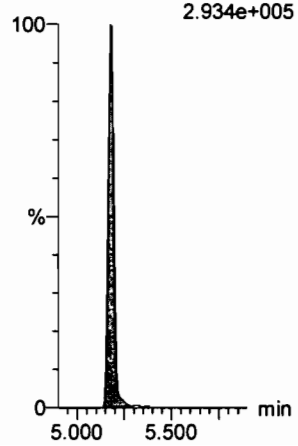
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.239e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.103e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.934e+005

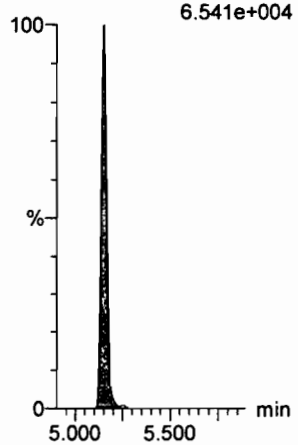


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

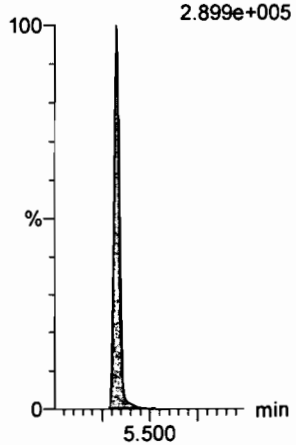
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

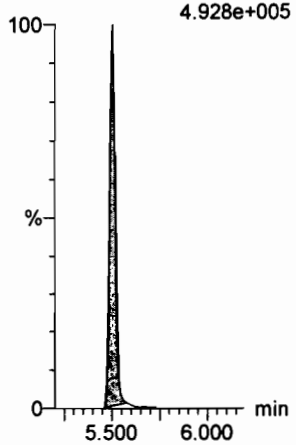
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.541e+004



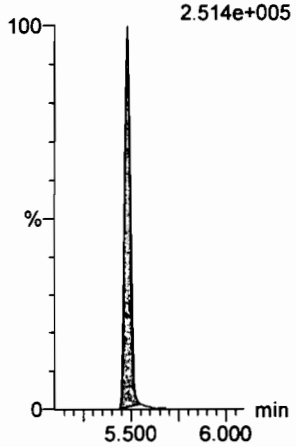
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.899e+005



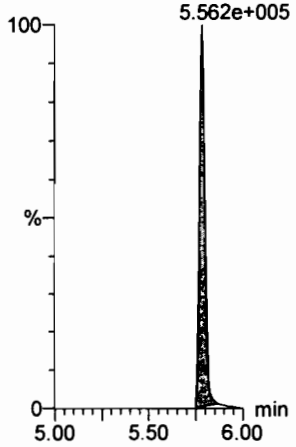
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.928e+005



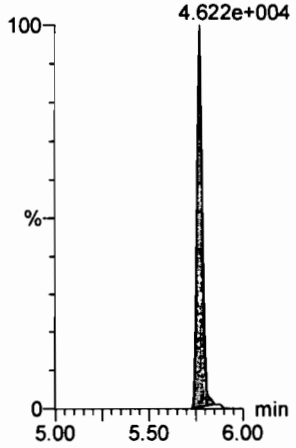
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.514e+005



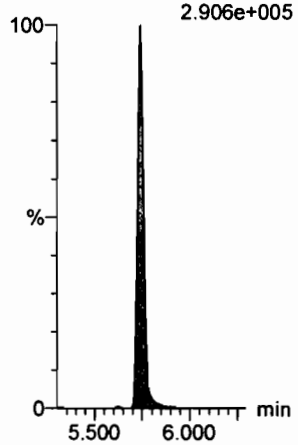
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.562e+005



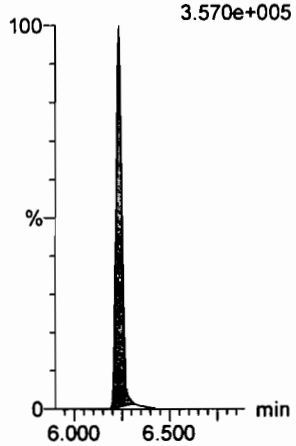
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.622e+004



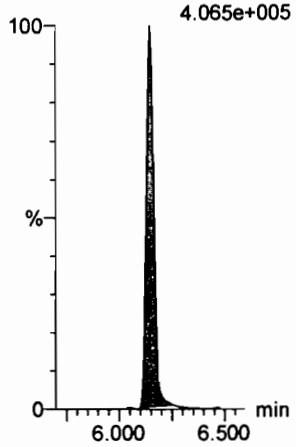
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.906e+005



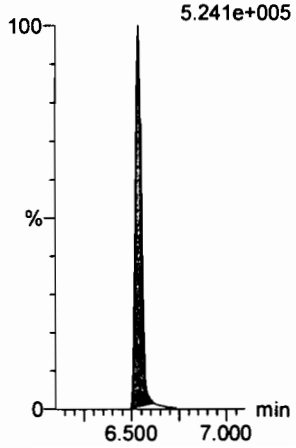
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.570e+005



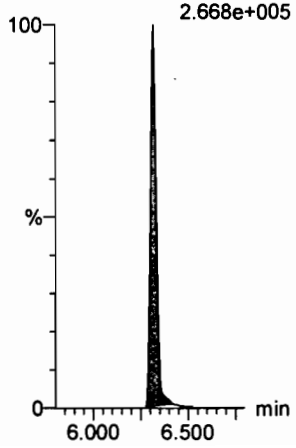
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.065e+005



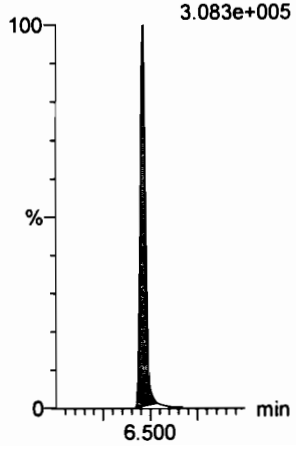
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.241e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.668e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.083e+005



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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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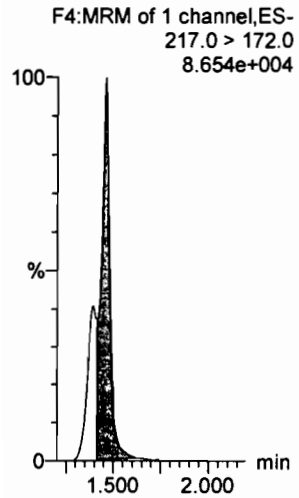
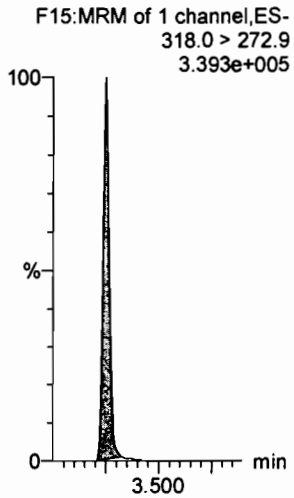
Name: 200702M1_8, Date: 02-Jul-2020, Time: 16:39:19, ID: ST200702M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

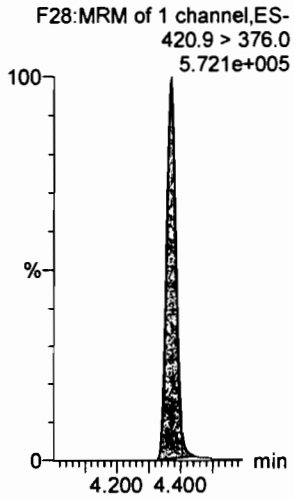
13C4-PFBA



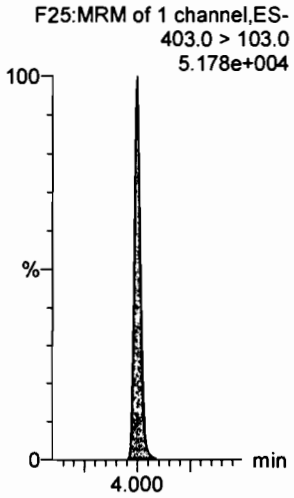
13C5-PFHxA



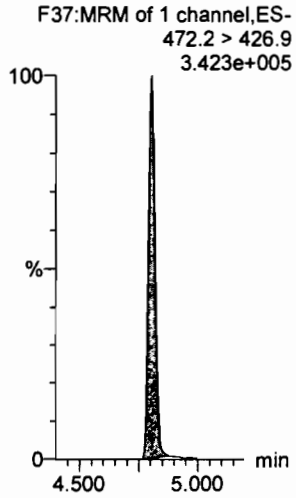
13C8-PFOA



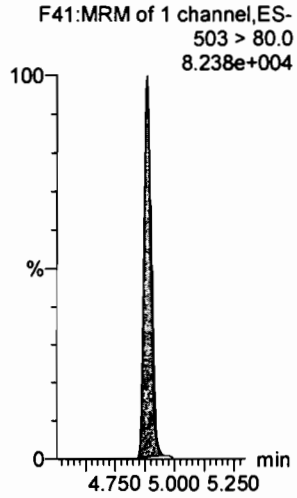
18O2-PFHxS



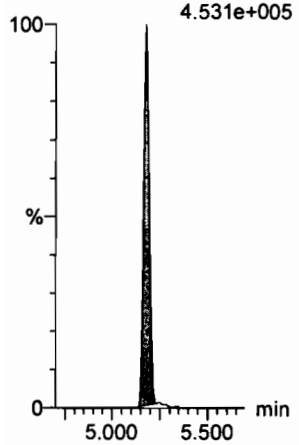
13C9-PFNA



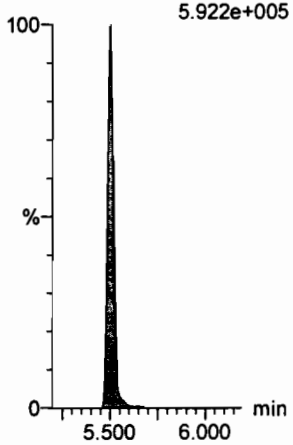
13C4-PFOS



13C6-PFDA



13C7-PFUdA

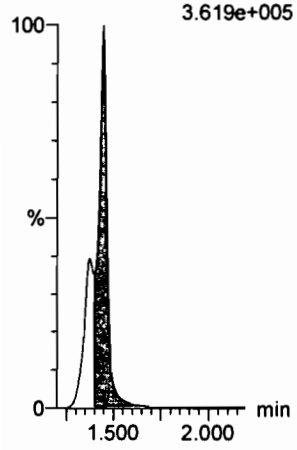


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

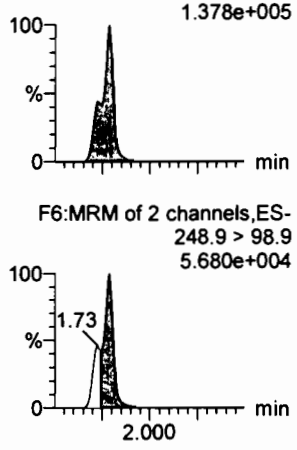
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

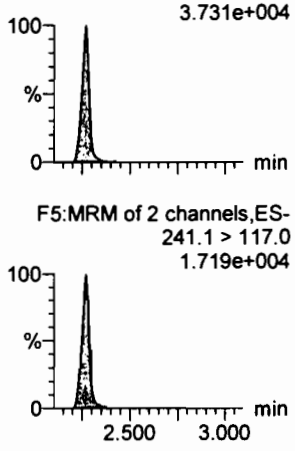
PFBA



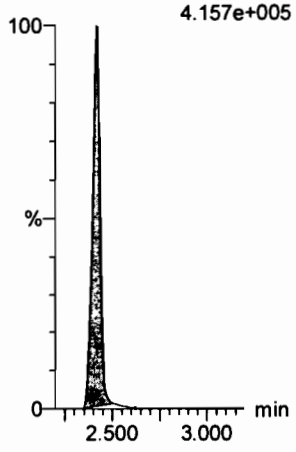
PFPrS



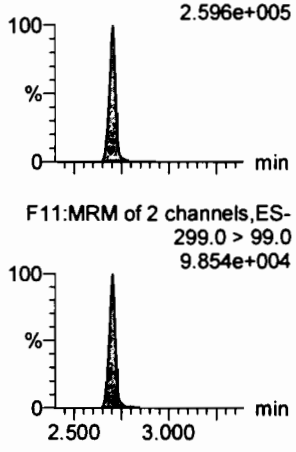
3:3 FTCA



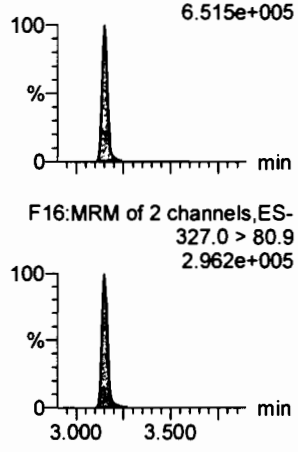
PFPeA



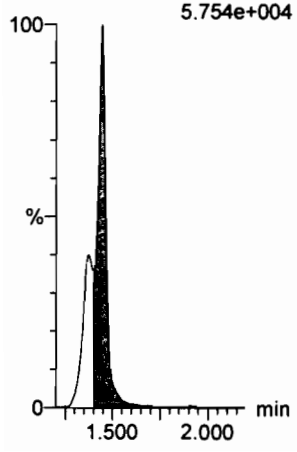
PFBS



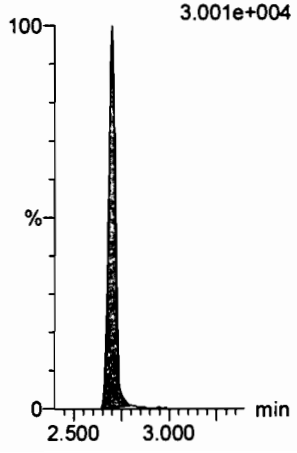
4:2 FTS



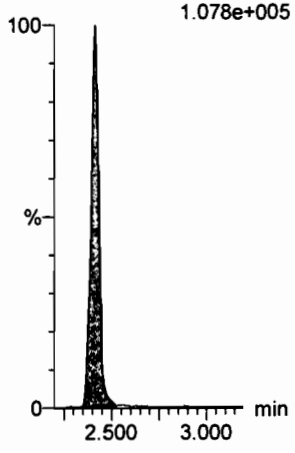
13C3-PFBA-EIS



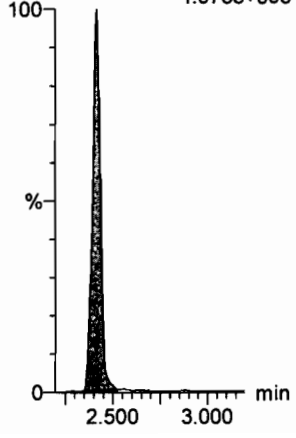
13C3-PFBS-EIS



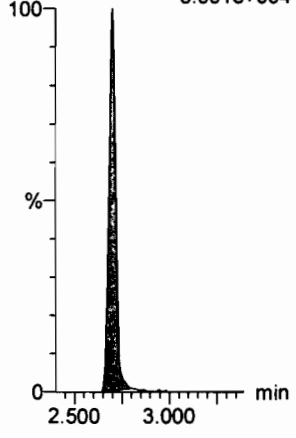
13C3-PFPeA-EIS



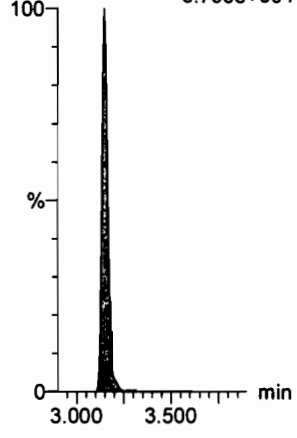
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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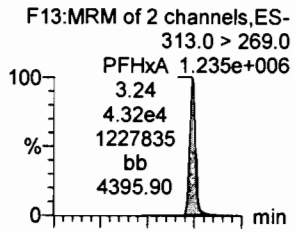
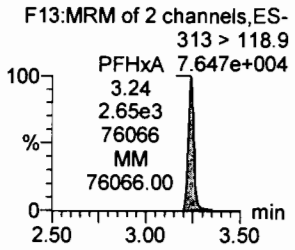
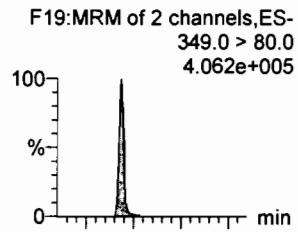
Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

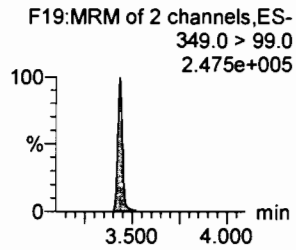
PFHxA



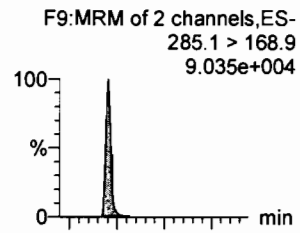


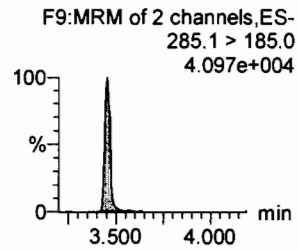
PFPeS



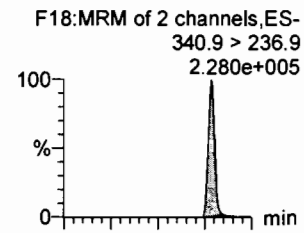


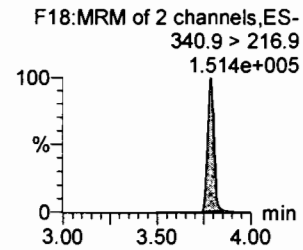
HFPO-DA



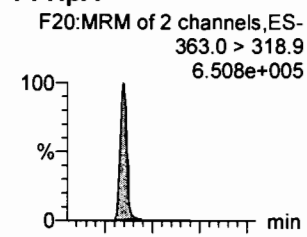


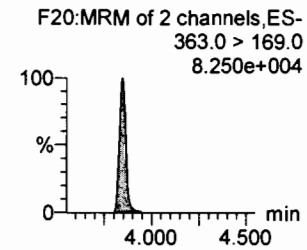
5:3 FTCA





PFHpA





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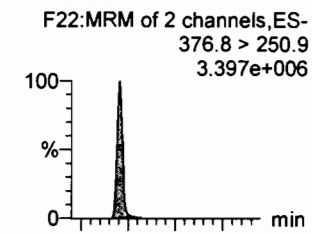
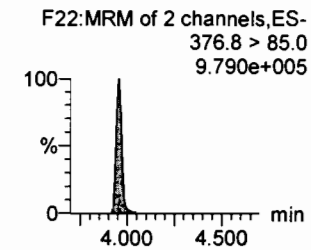
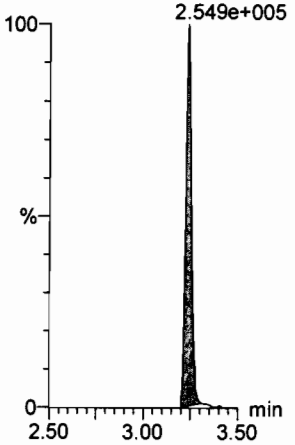
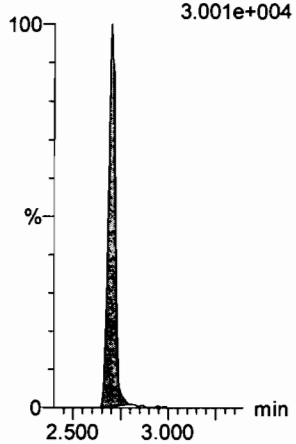




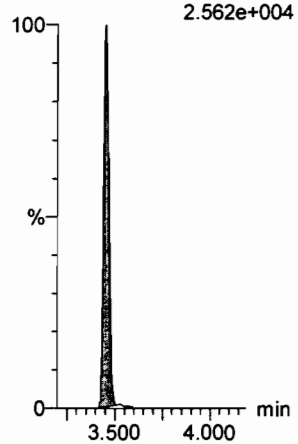
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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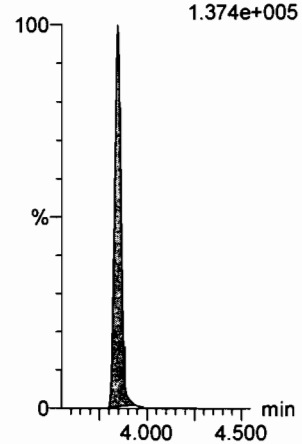

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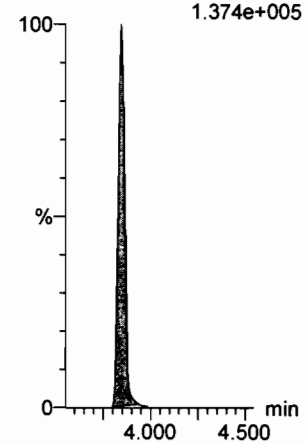

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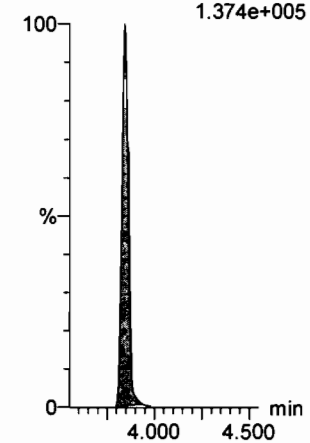

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Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

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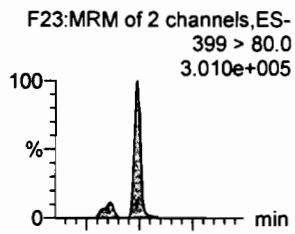
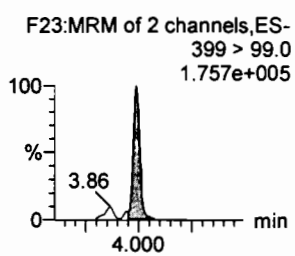
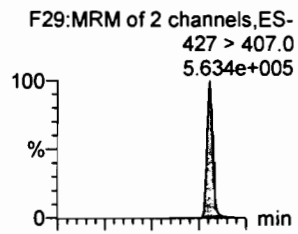
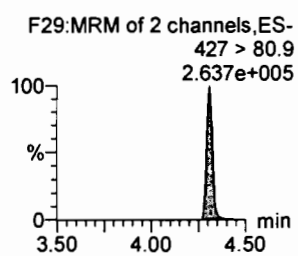




6:2 FTS





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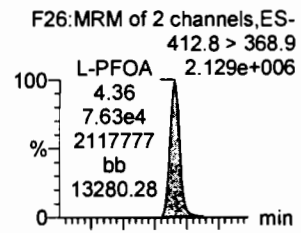

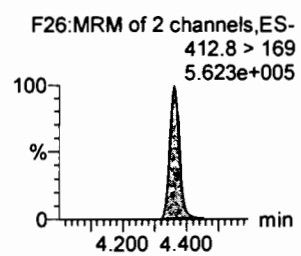

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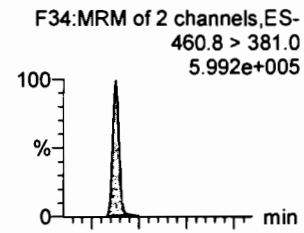

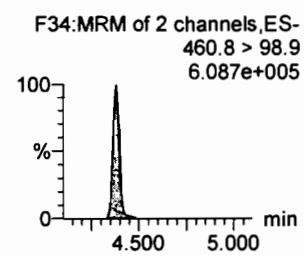

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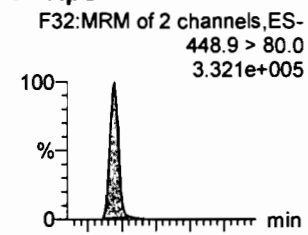
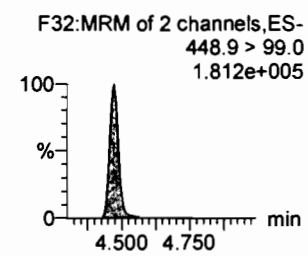
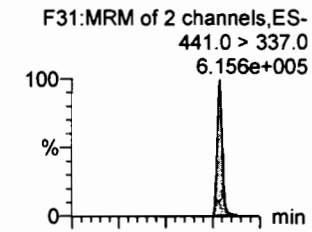
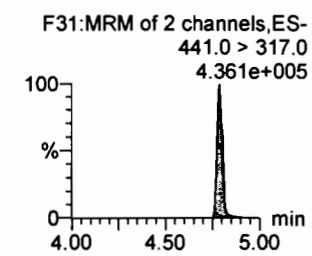




7:3 FTCA





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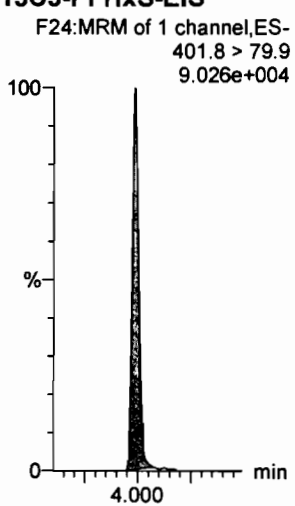
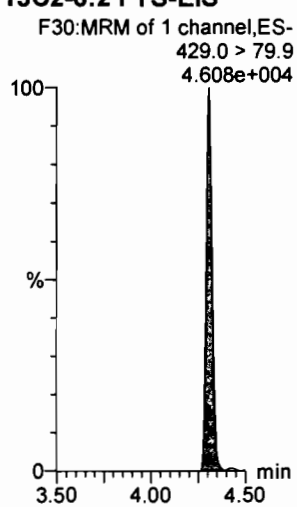
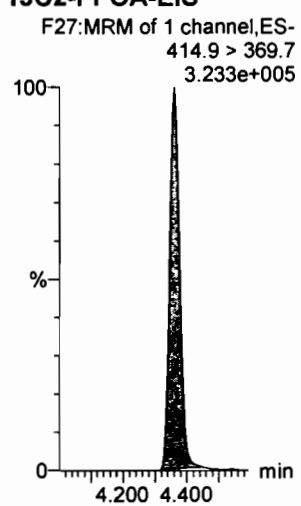


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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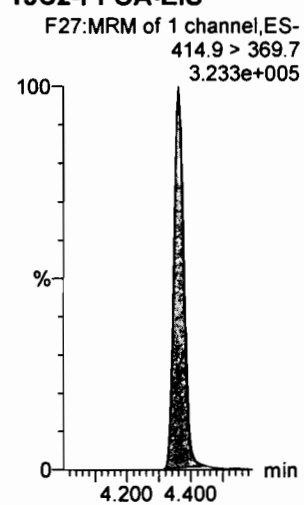
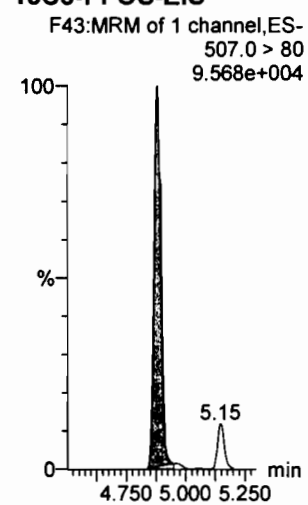
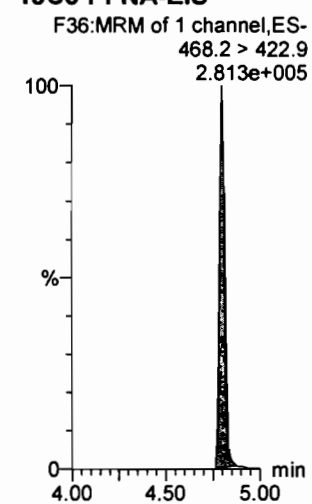


13C8-PFOS-EIS



13C5-PFNA-EIS



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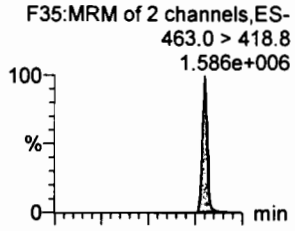

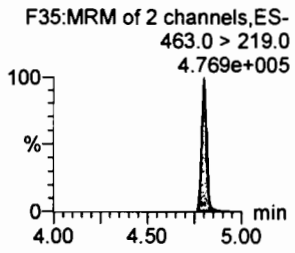

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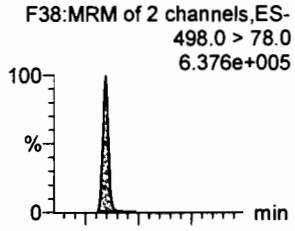
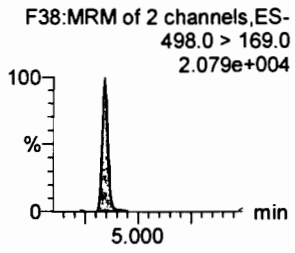
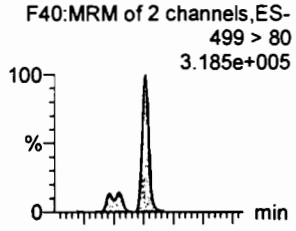
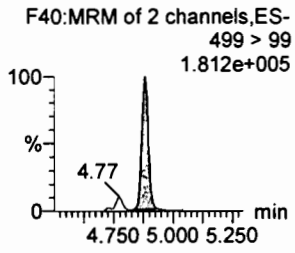


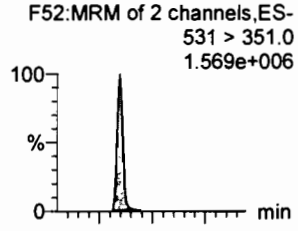


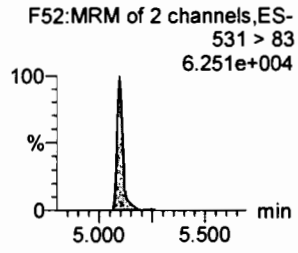
L-PFOS





9Cl-PF30NS





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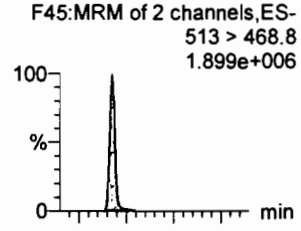

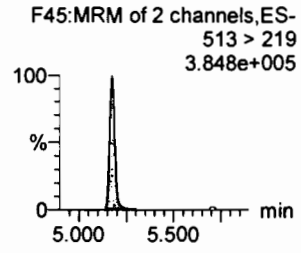

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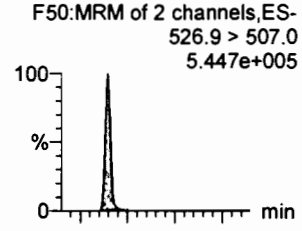
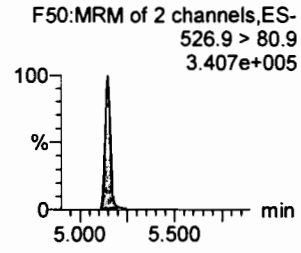
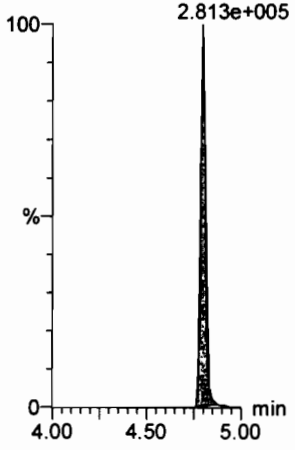
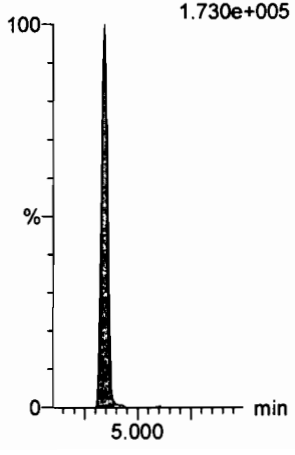




13C5-PFNA-EIS



13C8-PFOSA-EIS



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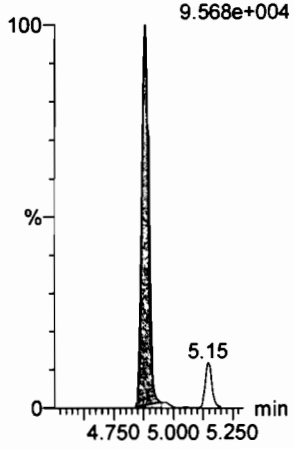

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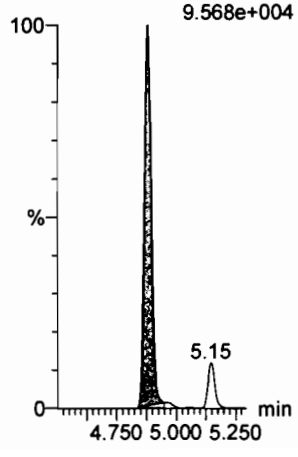

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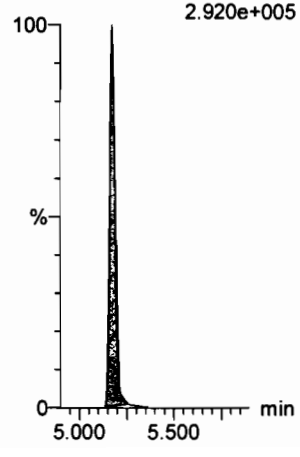

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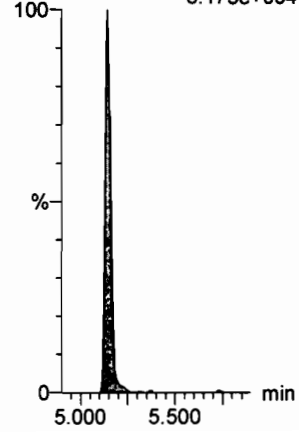

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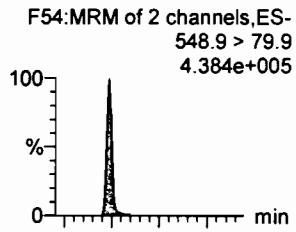
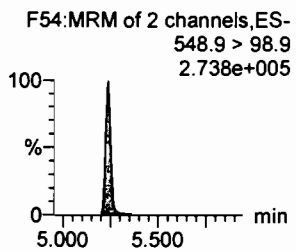
PFNS





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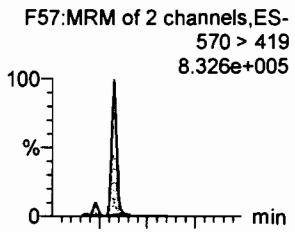
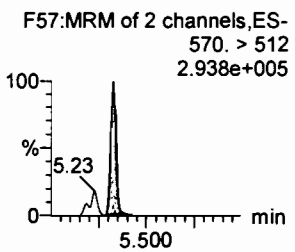
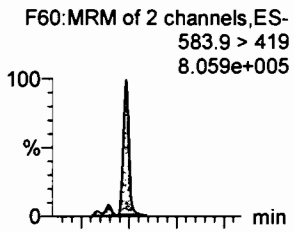
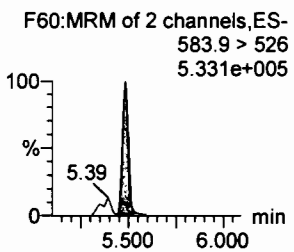


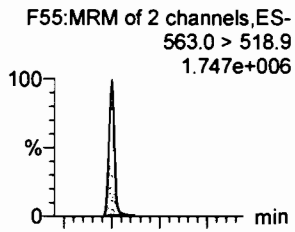


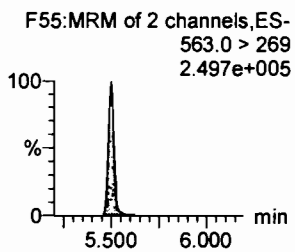
L-EtFOSAA



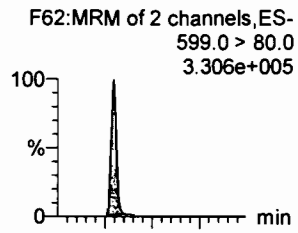


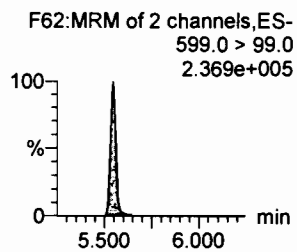
PFUdA



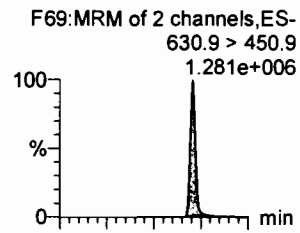


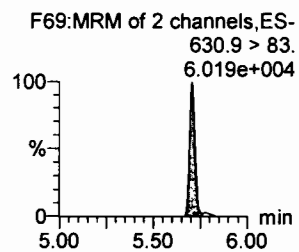
PFDS



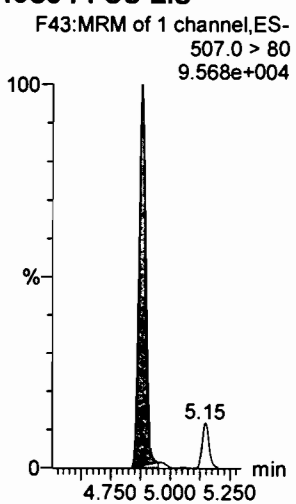


11Cl-PF30UdS

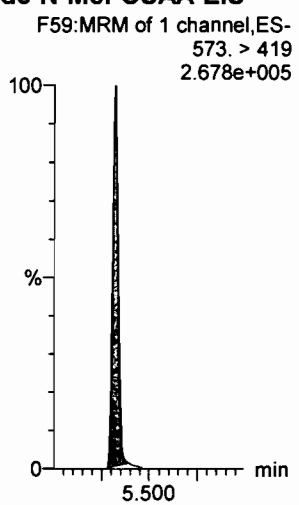




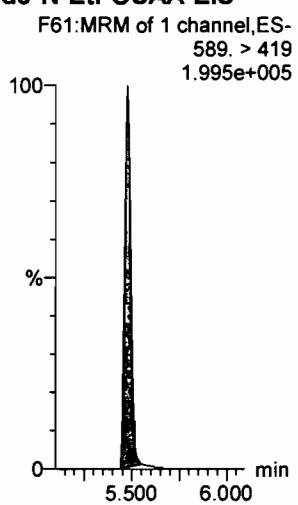
13C8-PFOS-EIS



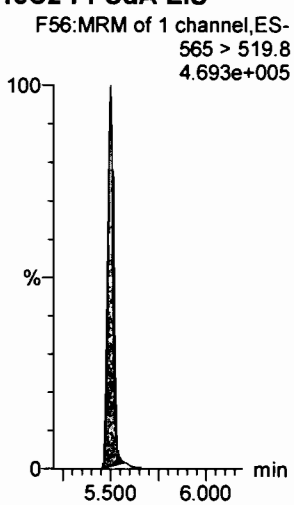
d3-N-MeFOSAA-EIS



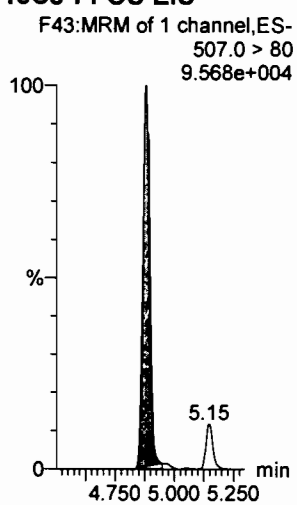
d5-N-EtFOSAA-EIS



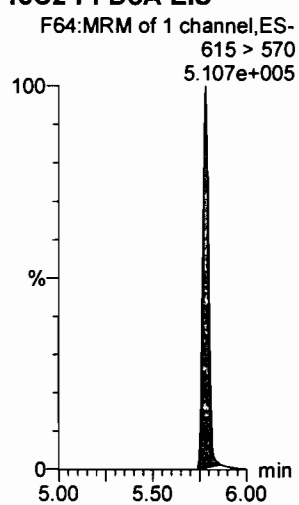
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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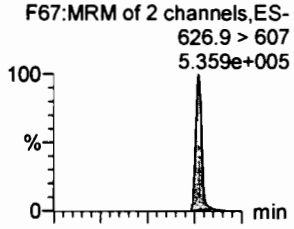
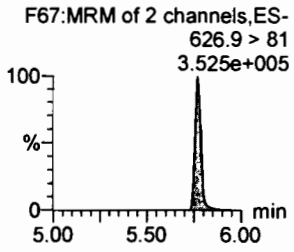
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

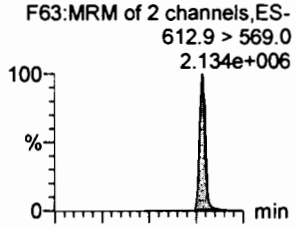
Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

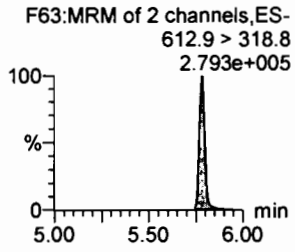
10:2 FTS



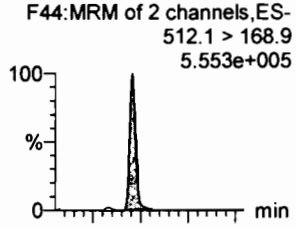


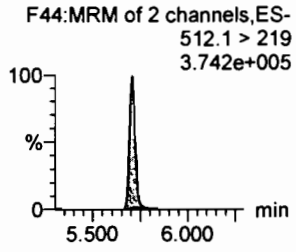
PFDoA





N-MeFOSA





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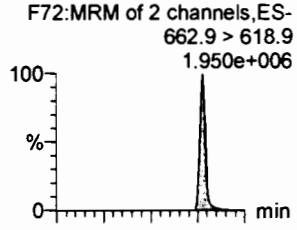
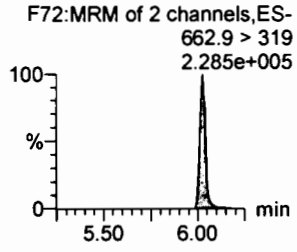
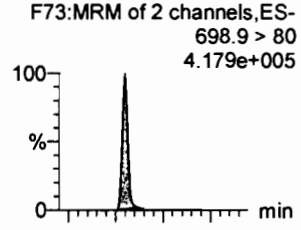
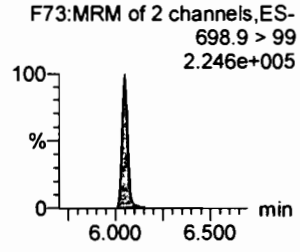




PFDoS





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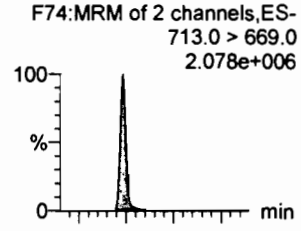
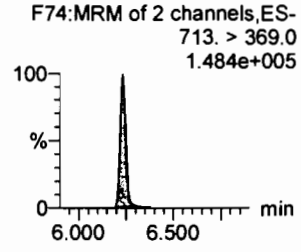
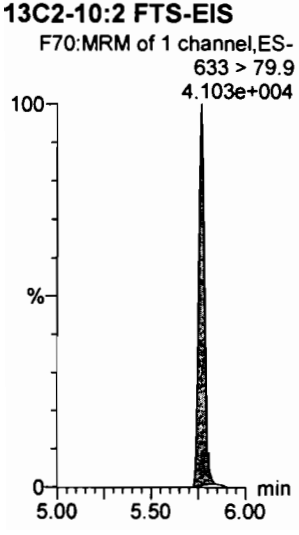
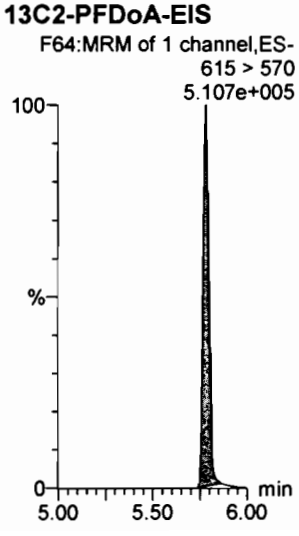




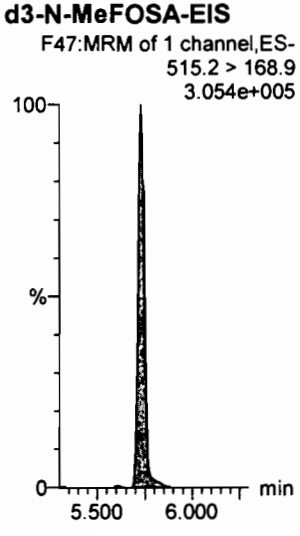
13C2-10:2 FTS-EIS



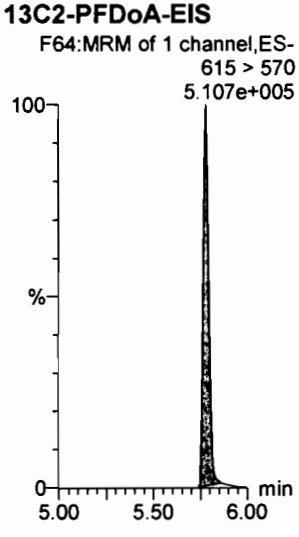
13C2-PFDoA-EIS



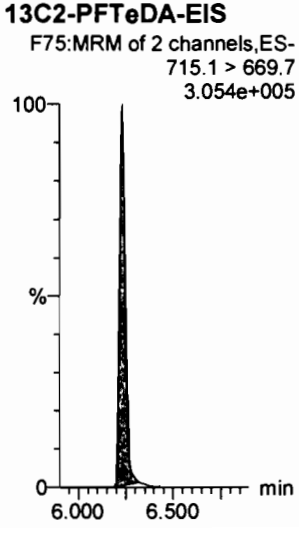
d3-N-MeFOSA-EIS



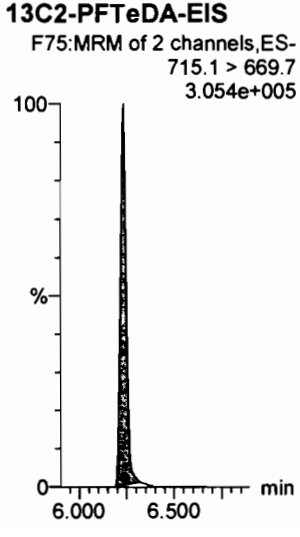
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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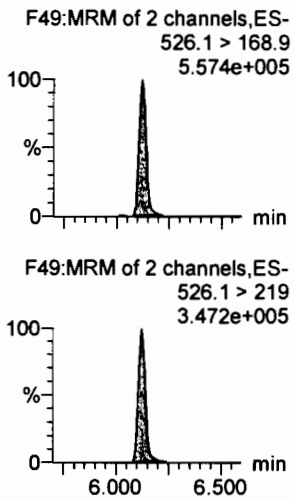
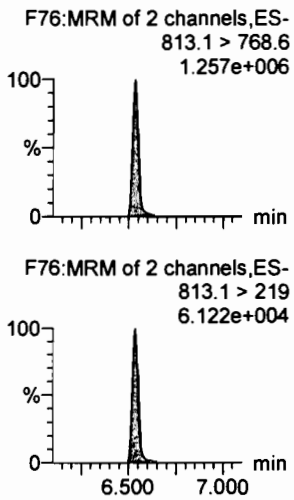
Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

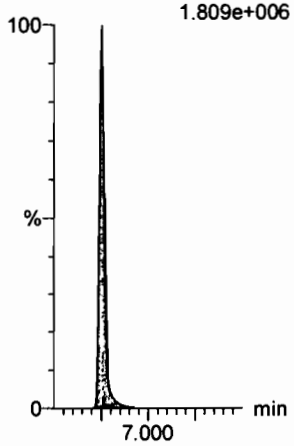
N-EtFOSA



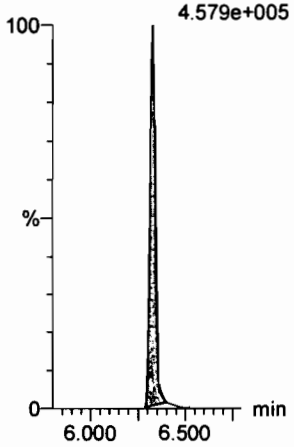
PFHxDA



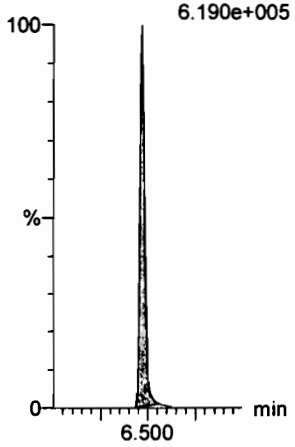
PFODA



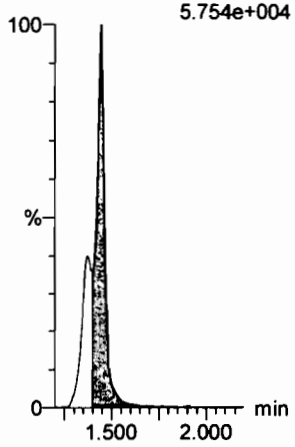
N-MeFOSE



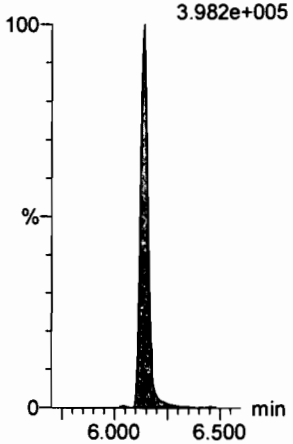
N-EtFOSE



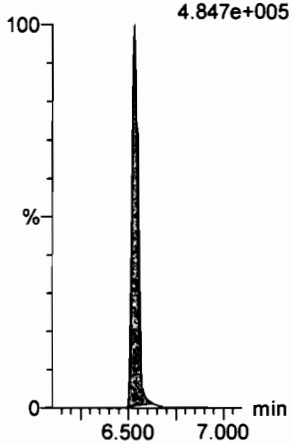
13C3-PFBA-RSD



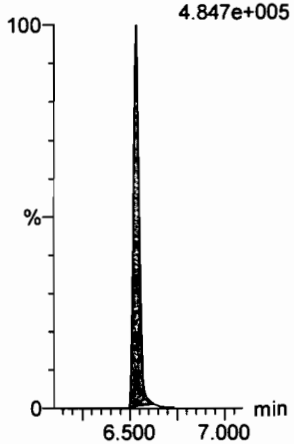
d5-N-ETFOSA-EIS



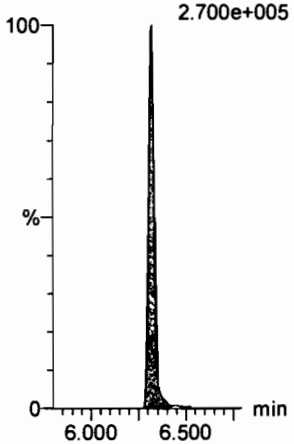
13C2-PFHxDA-EIS



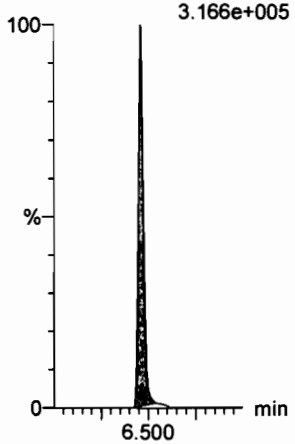
13C2-PFHxDA-EIS



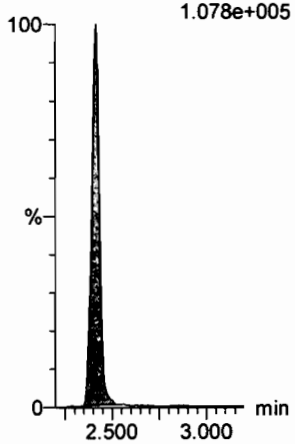
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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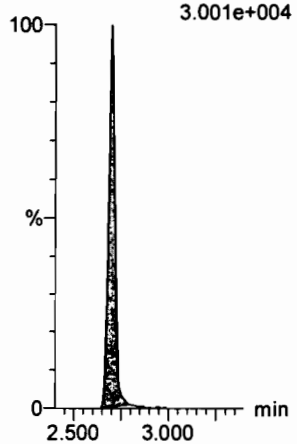
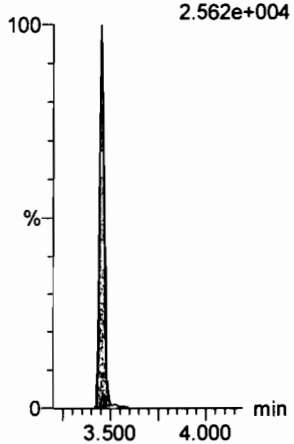
Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

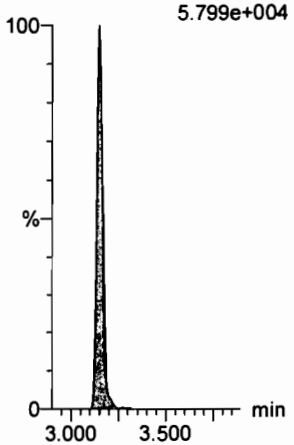
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.001e+004



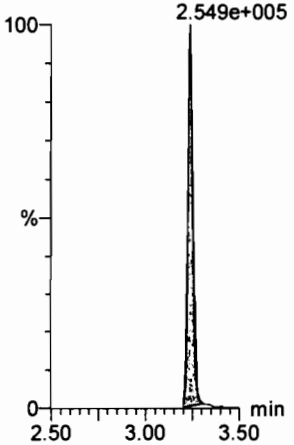
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.562e+004



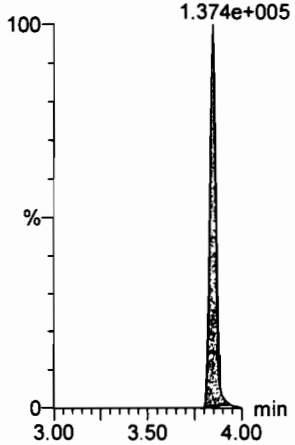
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.799e+004



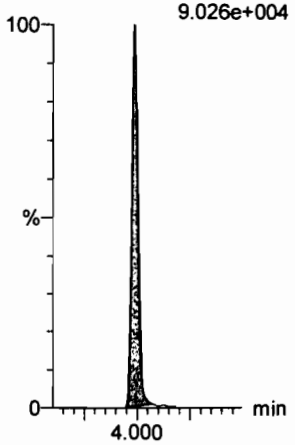
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.549e+005



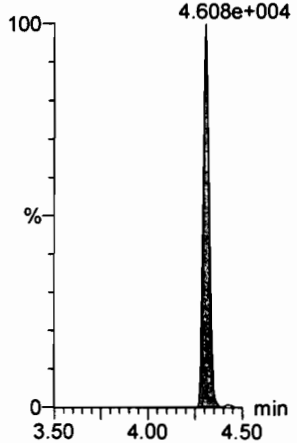
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.374e+005



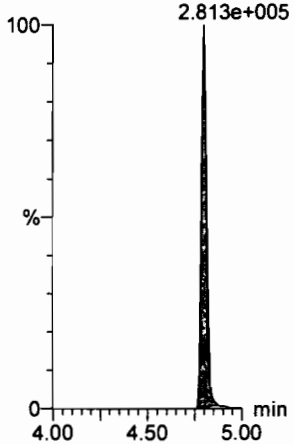
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.026e+004



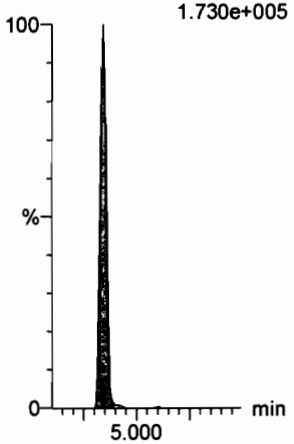
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.608e+004



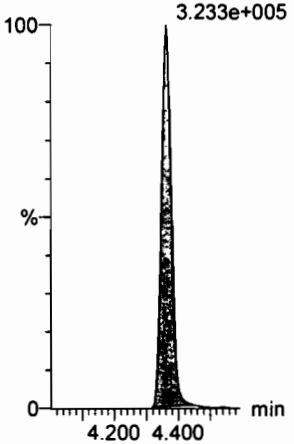
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.813e+005



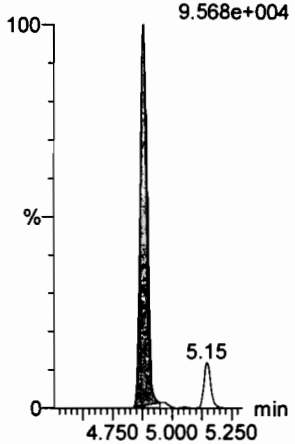
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.730e+005



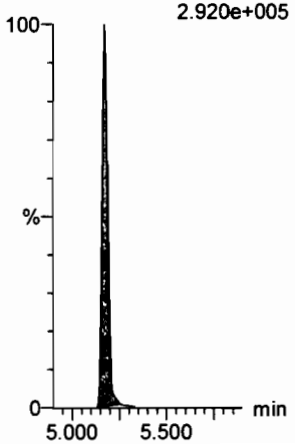
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.233e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.568e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.920e+005



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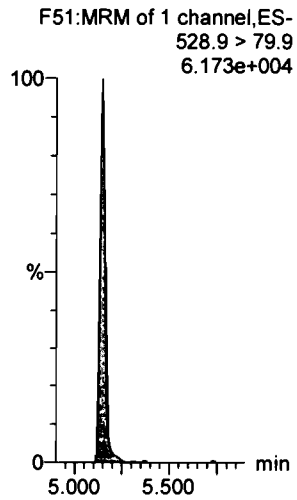
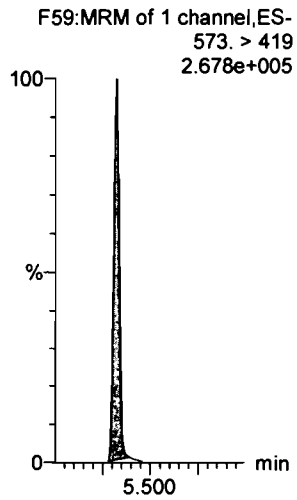
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

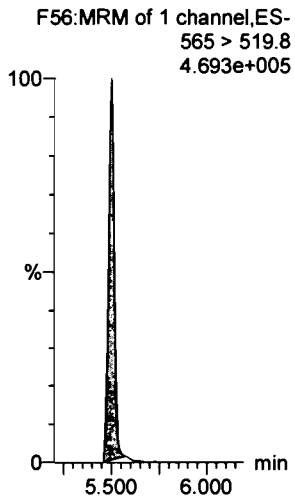
13C2-8:2 FTS-RSD



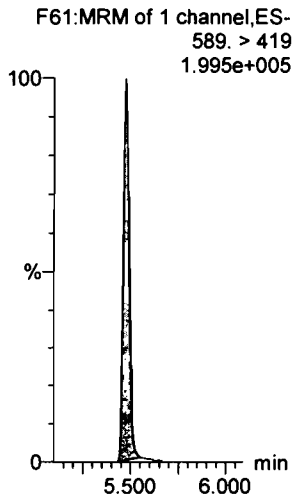
d3-N-MeFOSAA-RSD



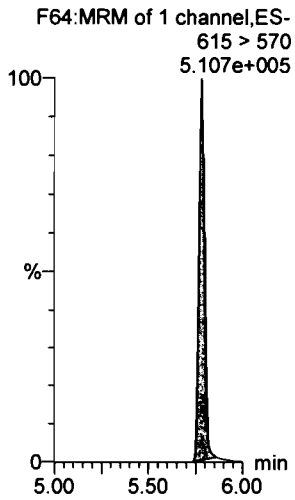
13C2-PFUdA-RSD



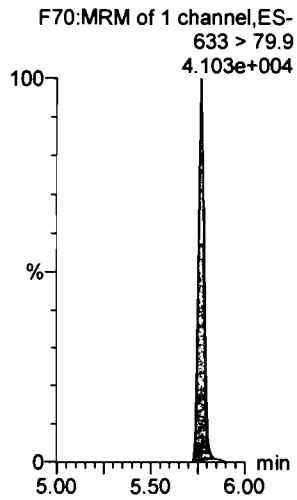
d5-N-EtFOSAA-RSD



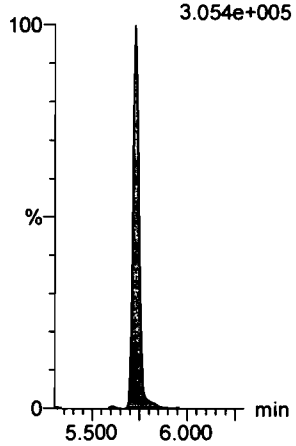
13C2-PFDoA-RSD



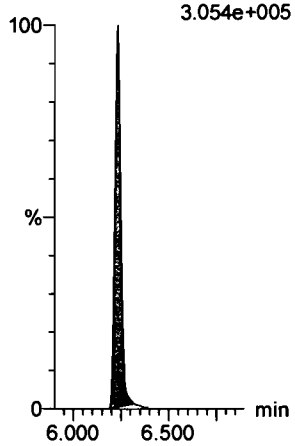
13C2-10:2 FTS-RSD



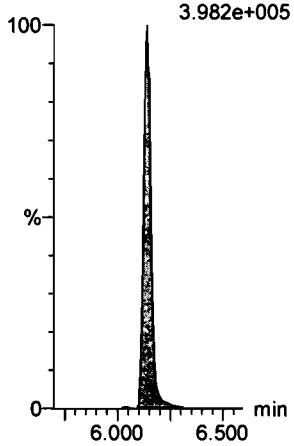
d3-N-MeFOSA-RSD



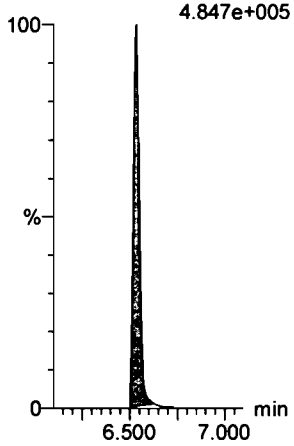
13C2-PFTeDA-RSD



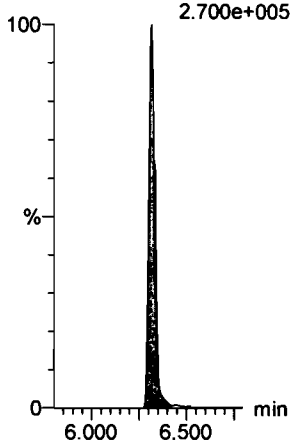
d5-N-ETFOSA-RSD



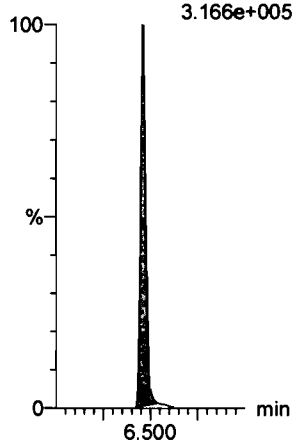
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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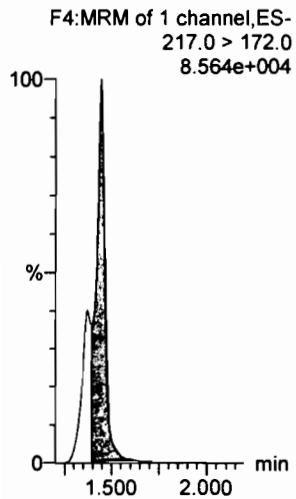
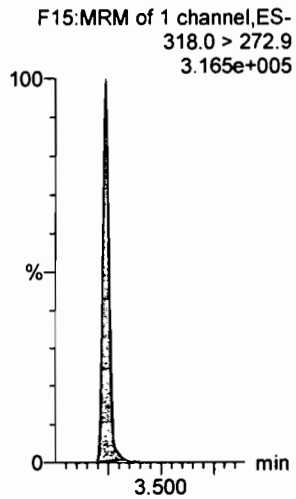
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_9, Date: 02-Jul-2020, Time: 16:49:41, ID: ST200702M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

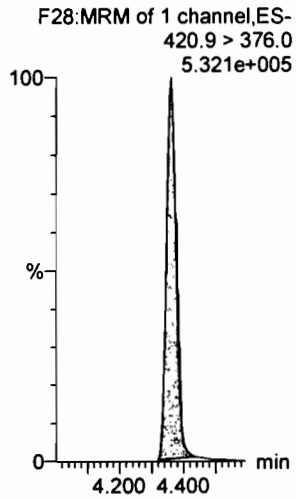
13C4-PFBA



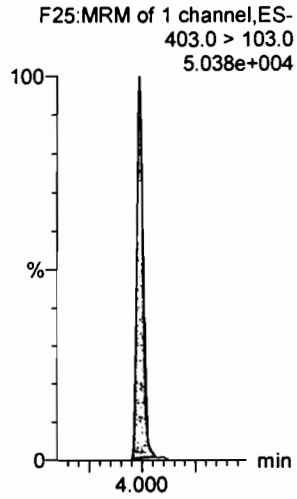
13C5-PFHxA



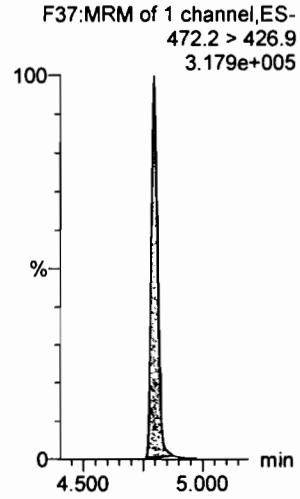
13C8-PFOA



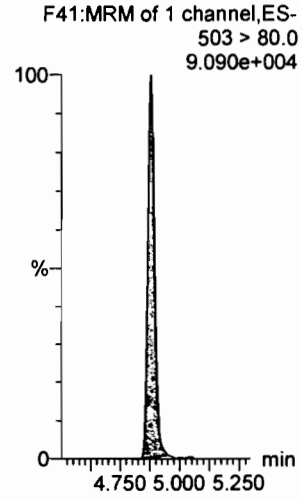
18O2-PFHxS



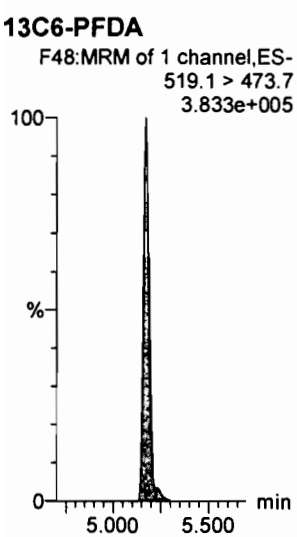
13C9-PFNA



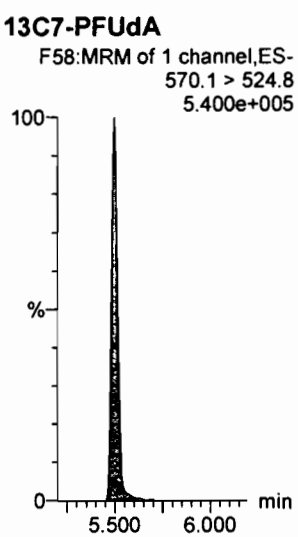
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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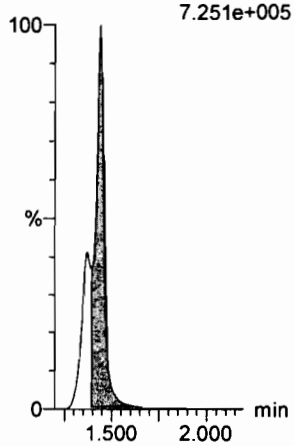
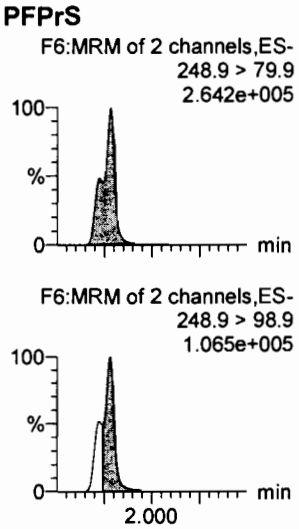
Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

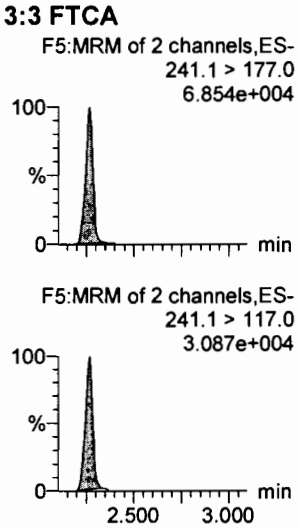
PFBA



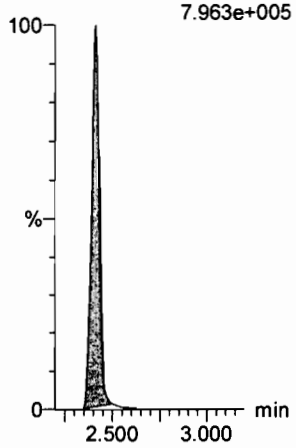
PFPrS



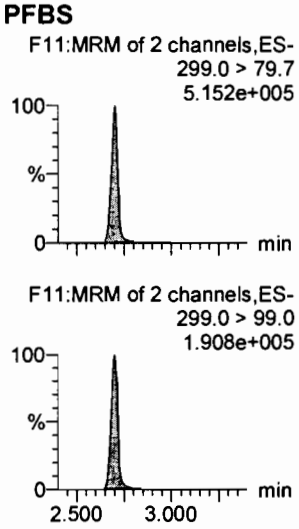
3:3 FTCA



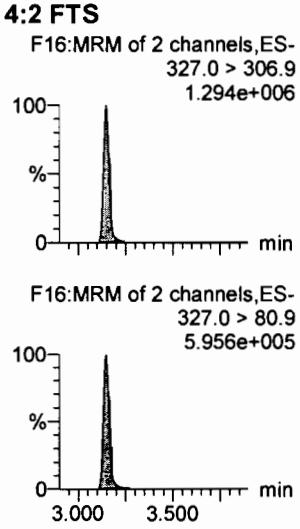
PFPeA



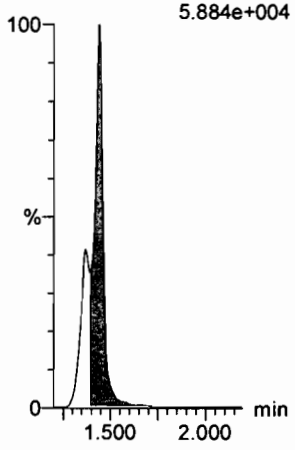
PFBS



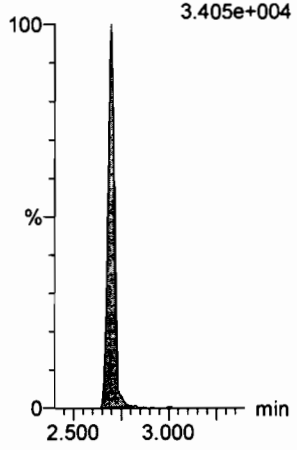
4:2 FTS



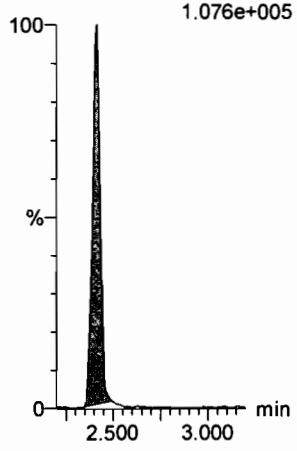
13C3-PFBA-EIS



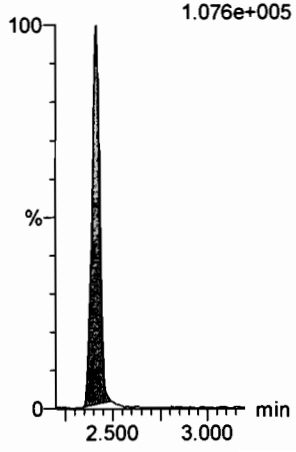
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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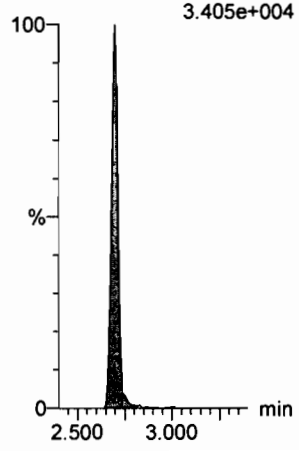
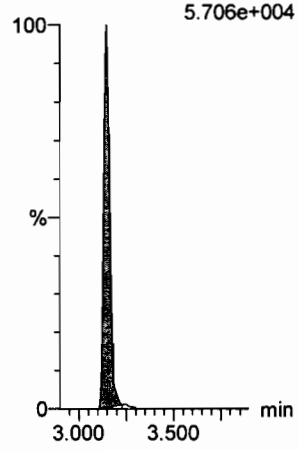


13C2-4:2 FTS-EIS



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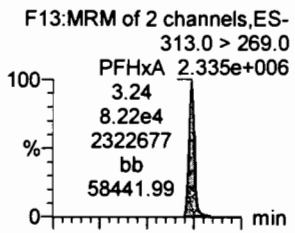
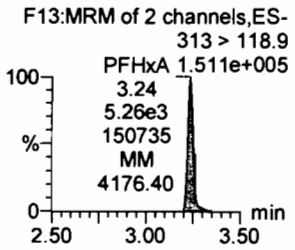
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

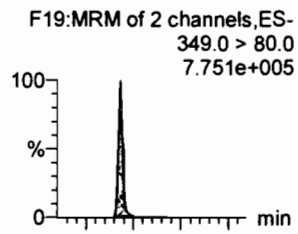
Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

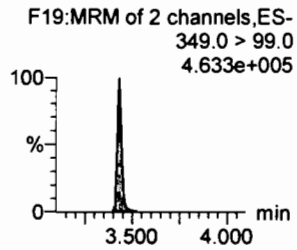
PFHxA



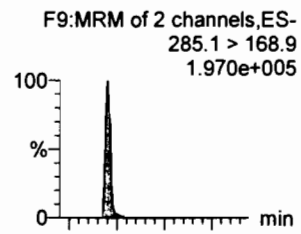


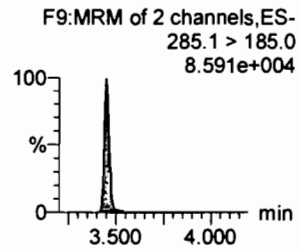
PFPeS



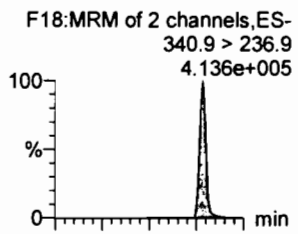


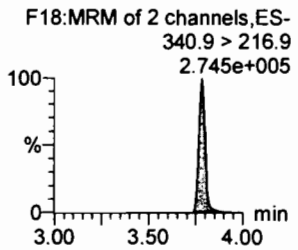
HFPO-DA



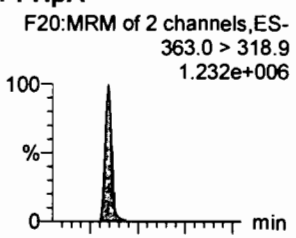


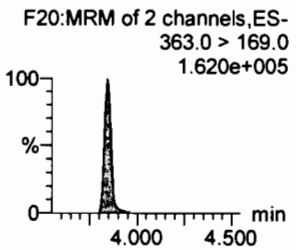
5:3 FTCA



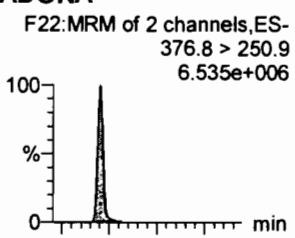


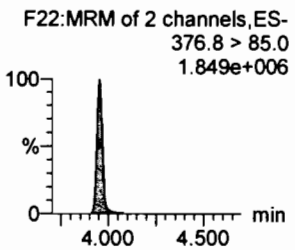
PFHpA





ADONA





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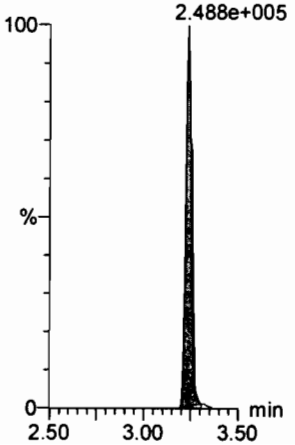
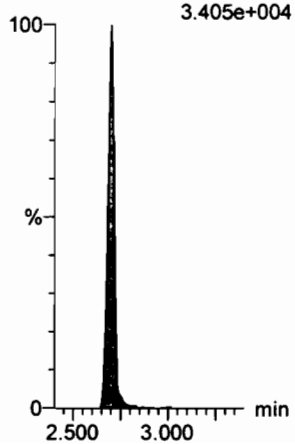
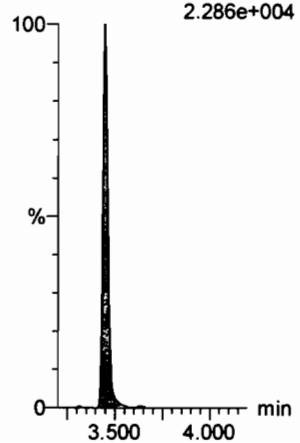


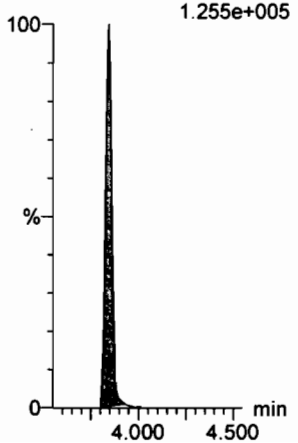
13C3-PFBS-EIS



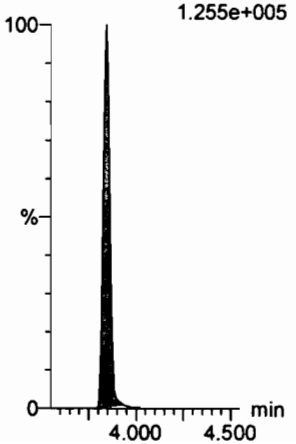
13C3-HFPO-DA-EIS



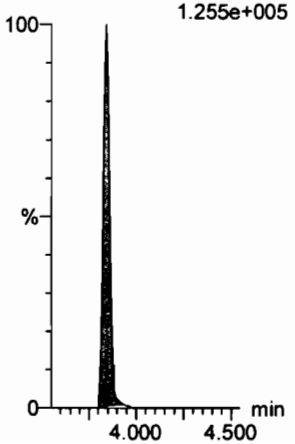
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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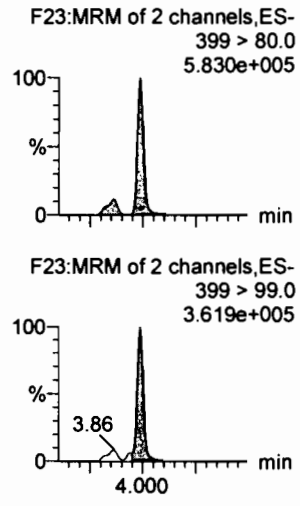
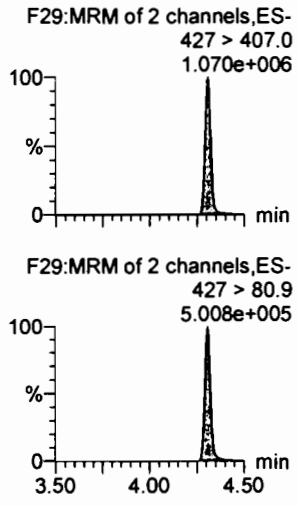
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

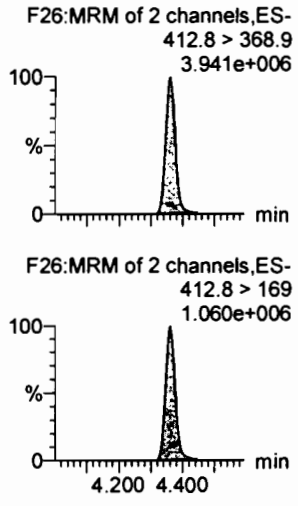
L-PFHxS



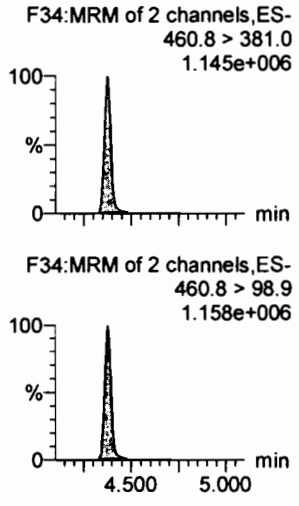
6:2 FTS



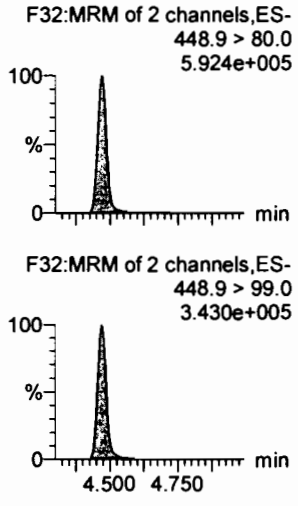
L-PFOA



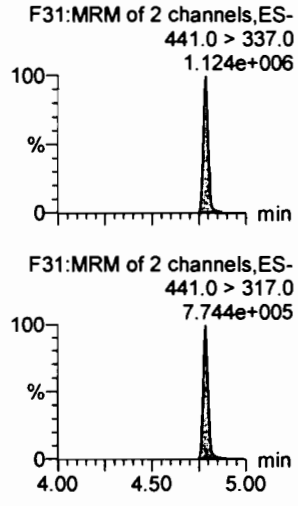
PFEChS



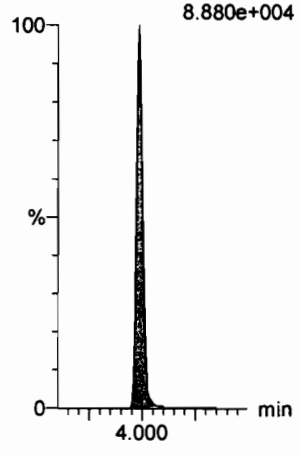
PFHpS



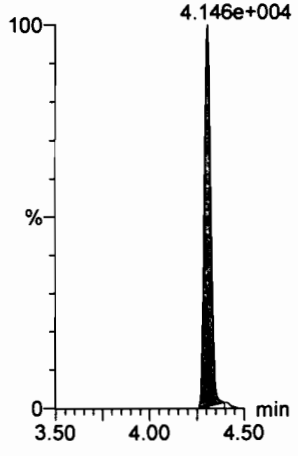
7:3 FTCA



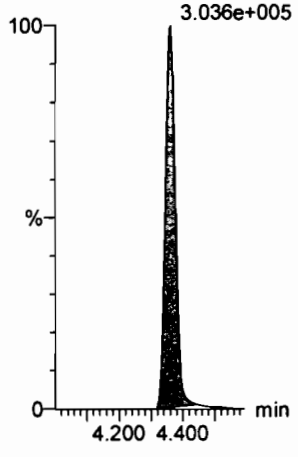
13C3-PFHxS-EIS



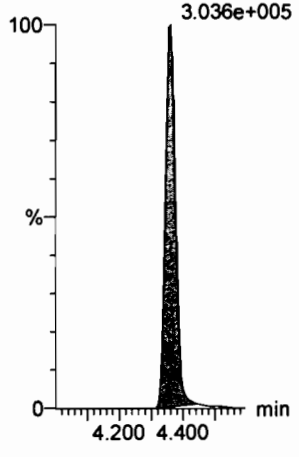
13C2-6:2 FTS-EIS



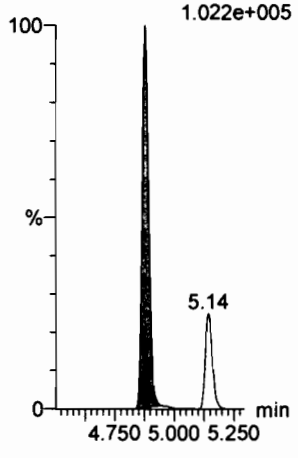
13C2-PFOA-EIS



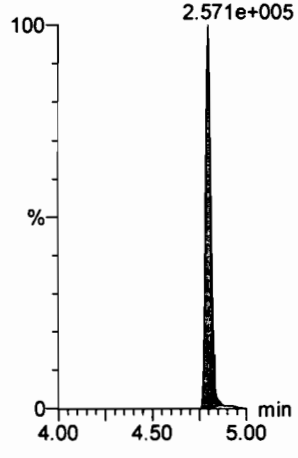
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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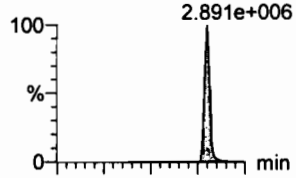
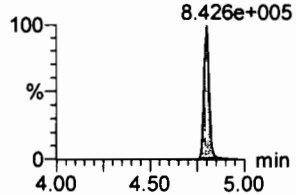
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

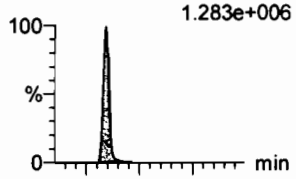
PFNA
F35:MRM of 2 channels,ES-
463.0 > 418.8
2.891e+006



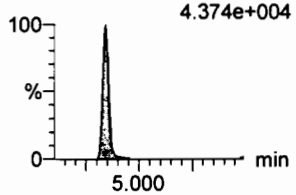
F35:MRM of 2 channels,ES-
463.0 > 219.0
8.426e+005



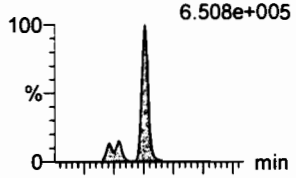
PFOSA
F38:MRM of 2 channels,ES-
498.0 > 78.0
1.283e+006



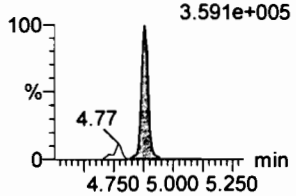
F38:MRM of 2 channels,ES-
498.0 > 169.0
4.374e+004



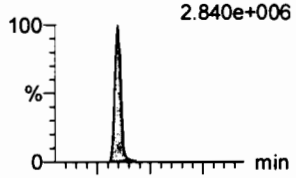
L-PFOS
F40:MRM of 2 channels,ES-
499 > 80
6.508e+005



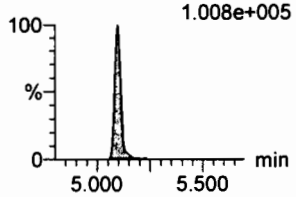
F40:MRM of 2 channels,ES-
499 > 99
3.591e+005



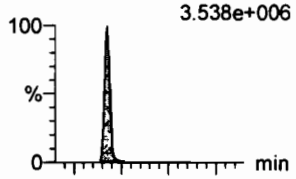
9Cl-PF30NS
F52:MRM of 2 channels,ES-
531 > 351.0
2.840e+006



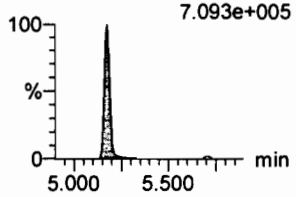
F52:MRM of 2 channels,ES-
531 > 83
1.008e+005



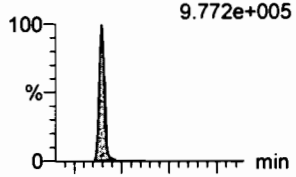
PFDA
F45:MRM of 2 channels,ES-
513 > 468.8
3.538e+006



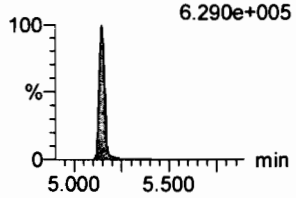
F45:MRM of 2 channels,ES-
513 > 219
7.093e+005



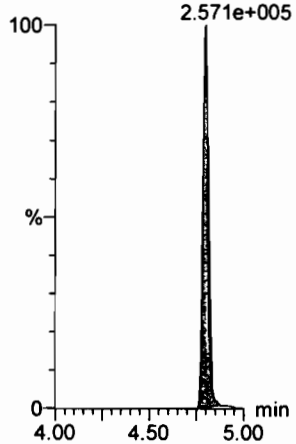
8:2 FTS
F50:MRM of 2 channels,ES-
526.9 > 507.0
9.772e+005



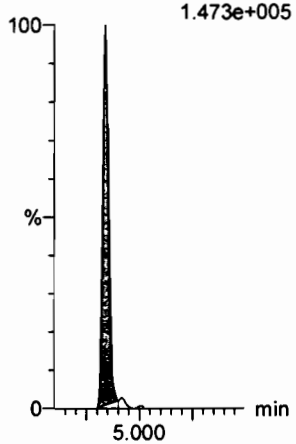
F50:MRM of 2 channels,ES-
526.9 > 80.9
6.290e+005



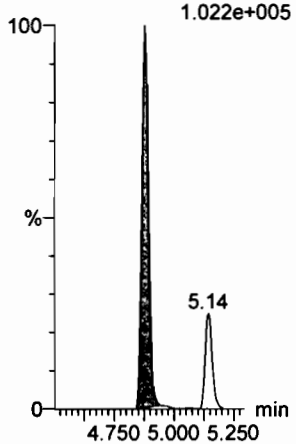
13C5-PFNA-EIS
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.571e+005



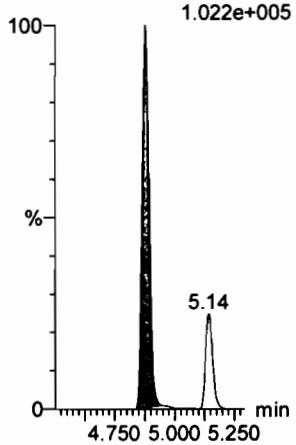
13C8-PFOSA-EIS
F42:MRM of 1 channel,ES-
506. > 78
1.473e+005



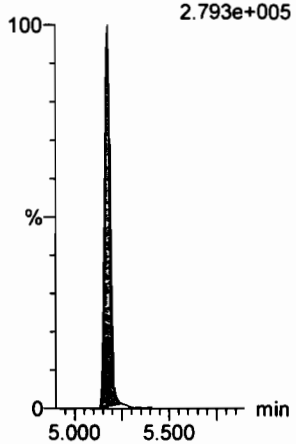
13C8-PFOS-EIS
F43:MRM of 1 channel,ES-
507.0 > 80
1.022e+005



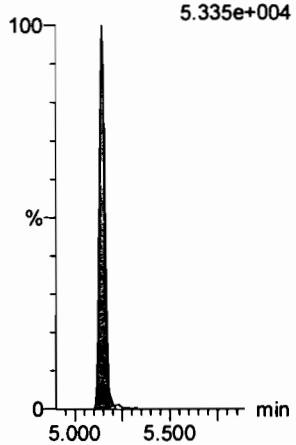
13C8-PFOS-EIS
F43:MRM of 1 channel,ES-
507.0 > 80
1.022e+005



13C2-PFDA-EIS
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.793e+005



13C2-8:2 FTS-EIS
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.335e+004



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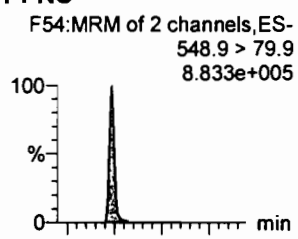
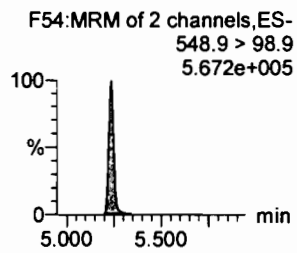
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

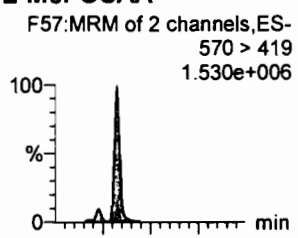
Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

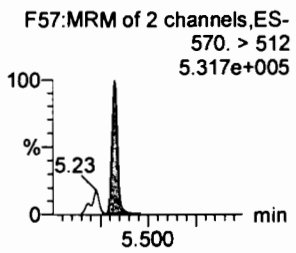
PFNS



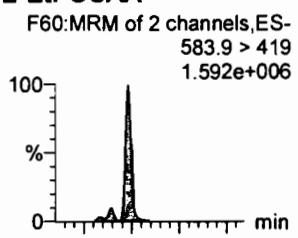


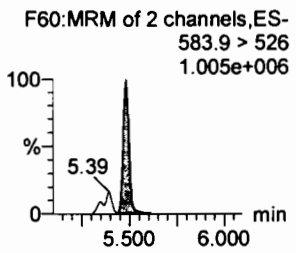
L-MeFOSAA



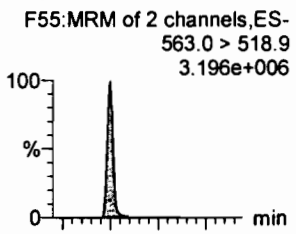


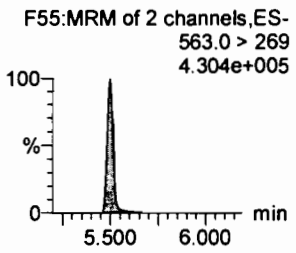
L-EtFOSAA



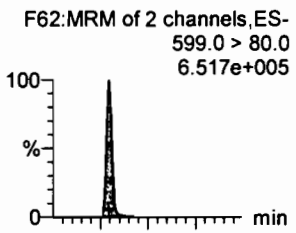


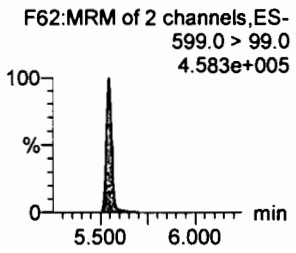
PFUdA



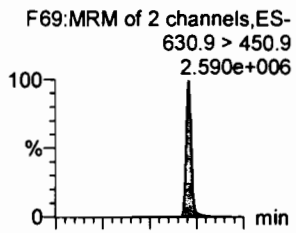


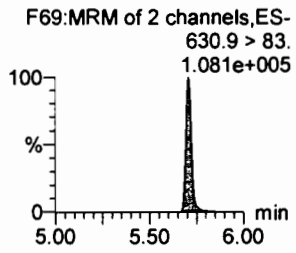
PFDS



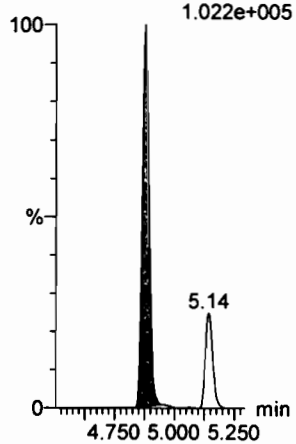


11Cl-PF30UdS

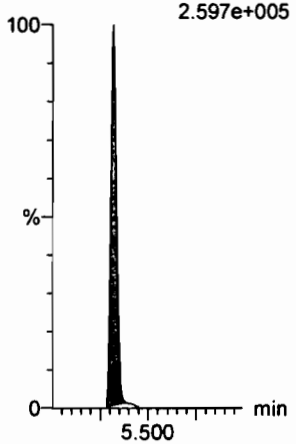




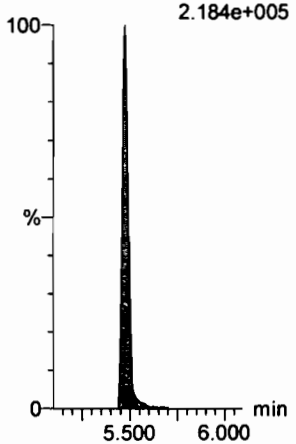
13C8-PFOS-EIS



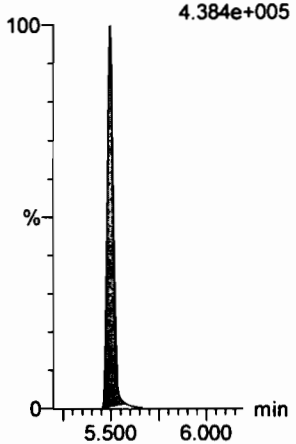
d3-N-MeFOSAA-EIS



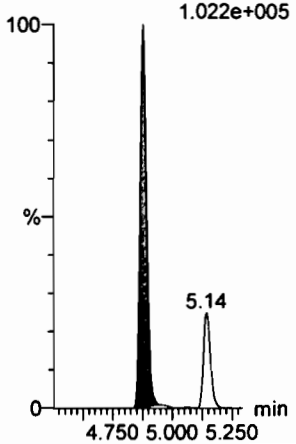
d5-N-EtFOSAA-EIS



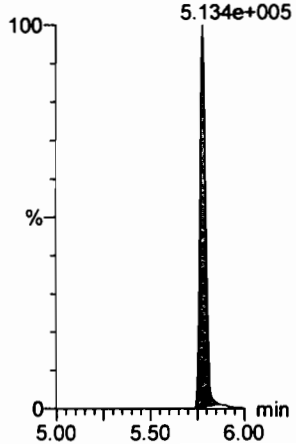
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

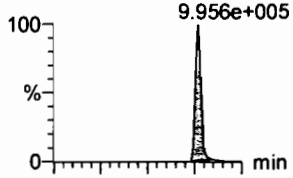


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

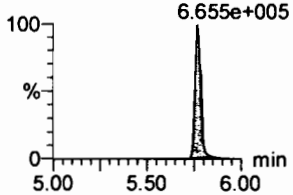
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

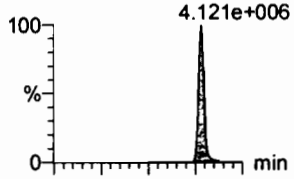
10:2 FTS
F67:MRM of 2 channels,ES-
626.9 > 607
9.956e+005



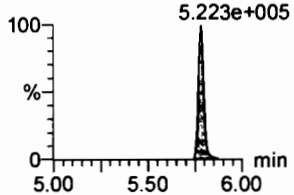
F67:MRM of 2 channels,ES-
626.9 > 81
6.655e+005



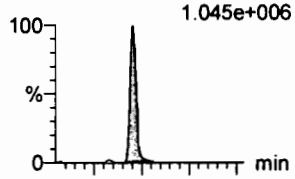
PFDoA
F63:MRM of 2 channels,ES-
612.9 > 569.0
4.121e+006



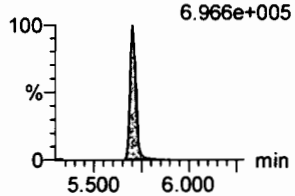
F63:MRM of 2 channels,ES-
612.9 > 318.8
5.223e+005



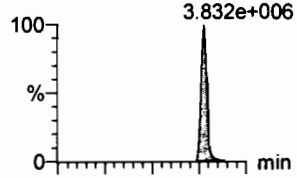
N-MeFOSA
F44:MRM of 2 channels,ES-
512.1 > 168.9
1.045e+006



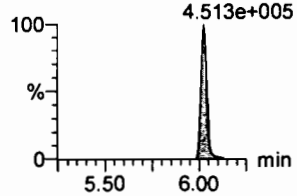
F44:MRM of 2 channels,ES-
512.1 > 219
6.966e+005



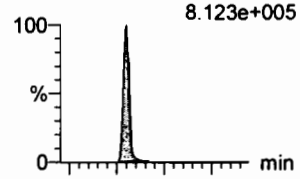
PFTrDA
F72:MRM of 2 channels,ES-
662.9 > 618.9
3.832e+006



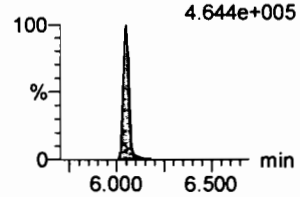
F72:MRM of 2 channels,ES-
662.9 > 319
4.513e+005



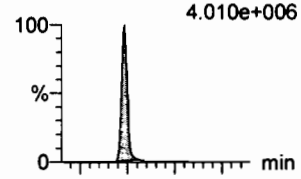
PFDoS
F73:MRM of 2 channels,ES-
698.9 > 80
8.123e+005



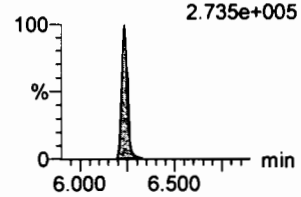
F73:MRM of 2 channels,ES-
698.9 > 99
4.644e+005



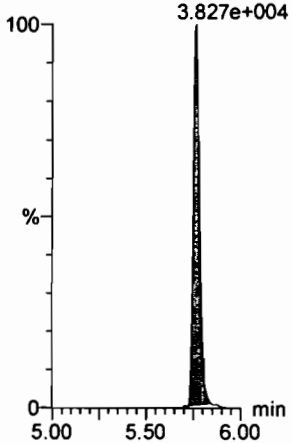
PFTeDA
F74:MRM of 2 channels,ES-
713.0 > 669.0
4.010e+006



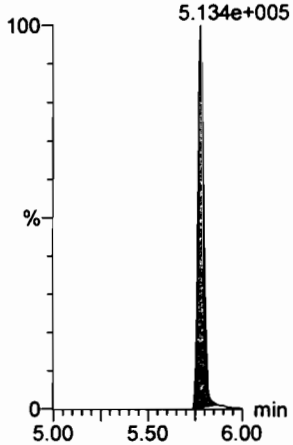
F74:MRM of 2 channels,ES-
713. > 369.0
2.735e+005



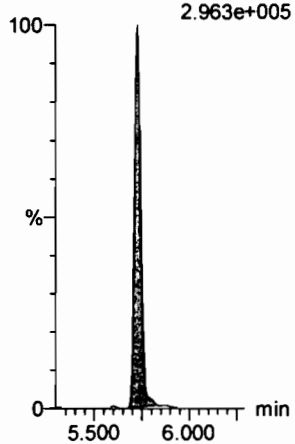
13C2-10:2 FTS-EIS
F70:MRM of 1 channel,ES-
633 > 79.9
3.827e+004



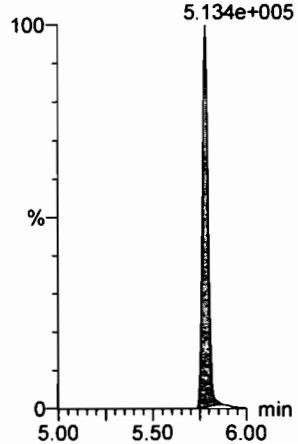
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.134e+005



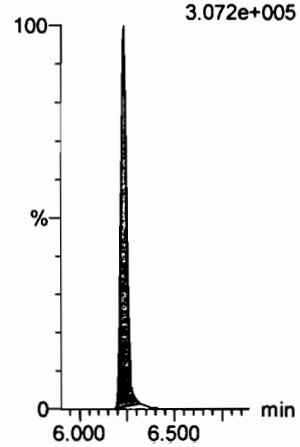
d3-N-MeFOSA-EIS
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.963e+005



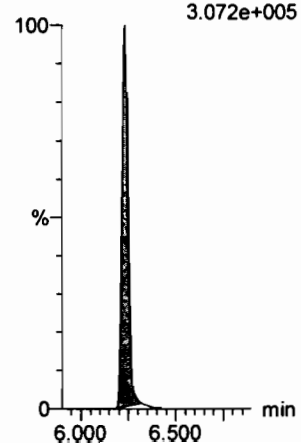
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.134e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.072e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.072e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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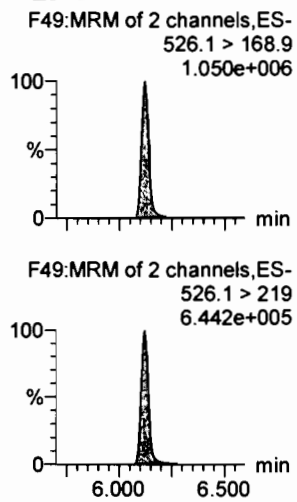
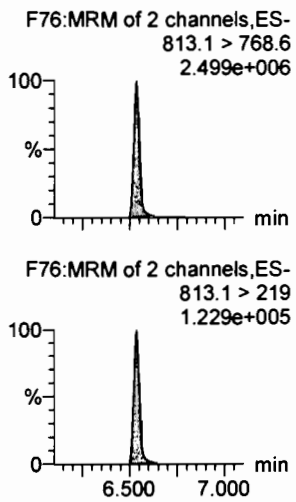
Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

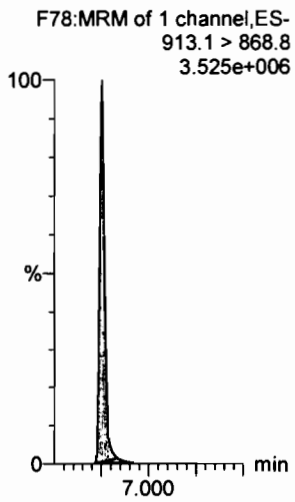
N-EtFOSA



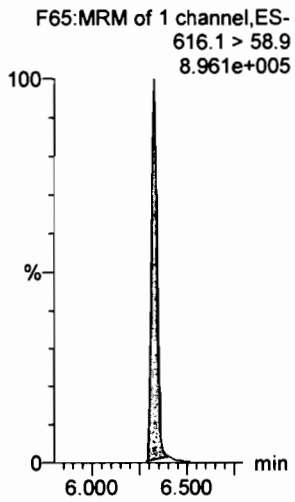
PFHxDA



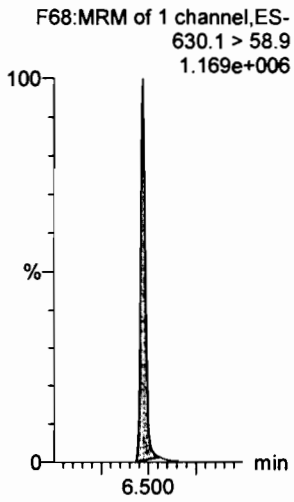
PFODA



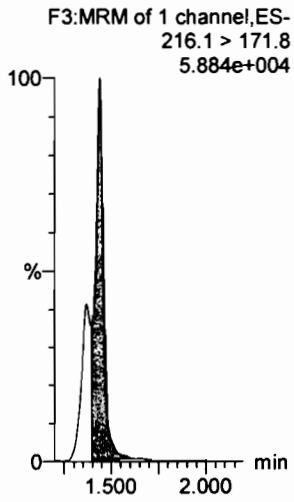
N-MeFOSE



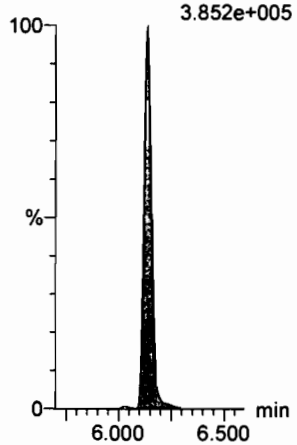
N-EtFOSE



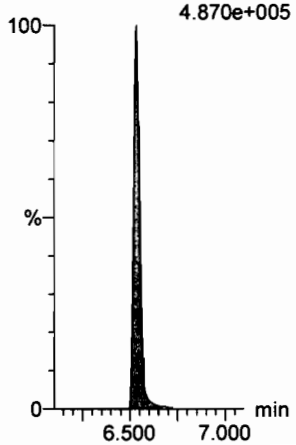
13C3-PFBA-RSD



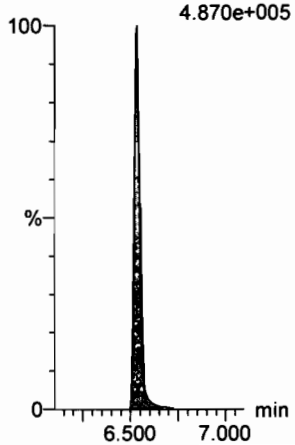
d5-N-ETFOSA-EIS



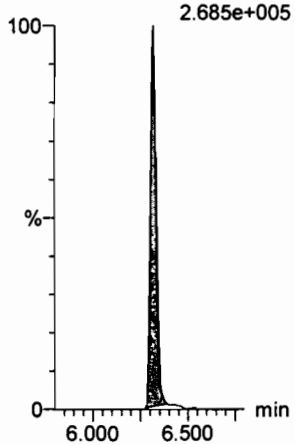
13C2-PFHxDA-EIS



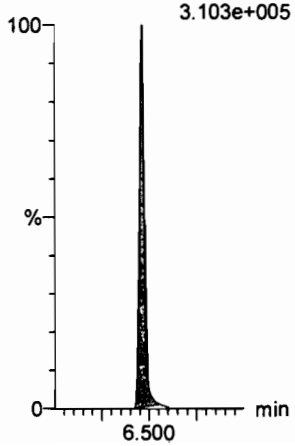
13C2-PFHxDA-EIS



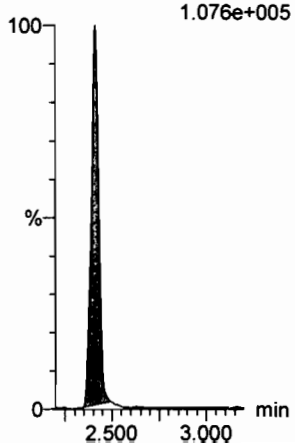
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

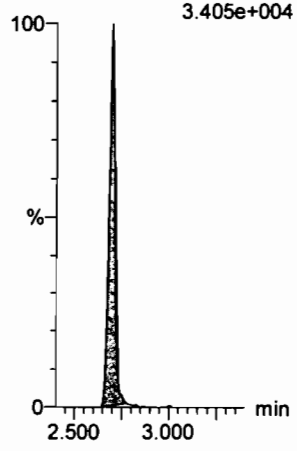


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

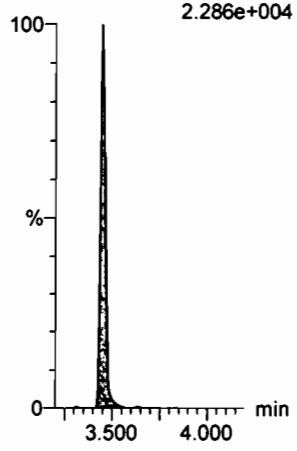
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

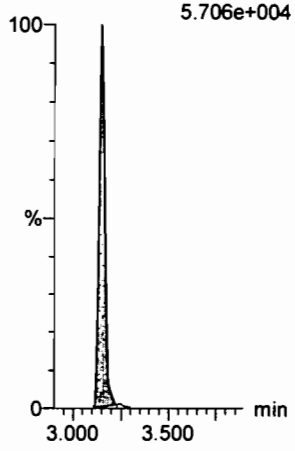
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.405e+004



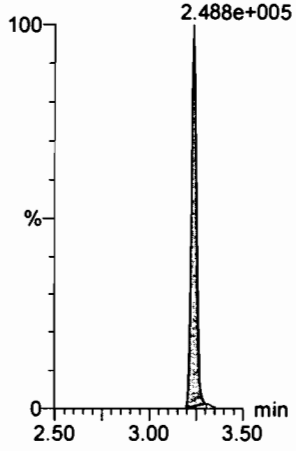
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.286e+004



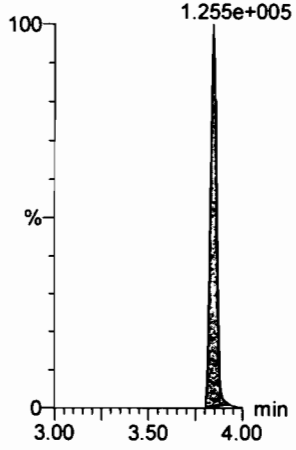
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.706e+004



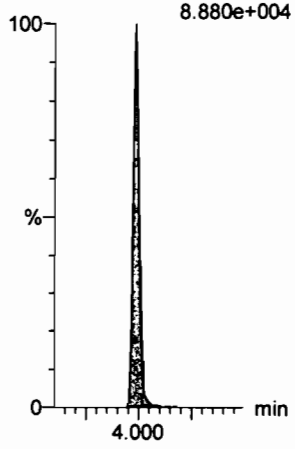
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.488e+005



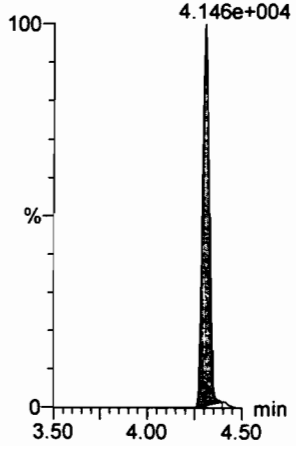
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.255e+005



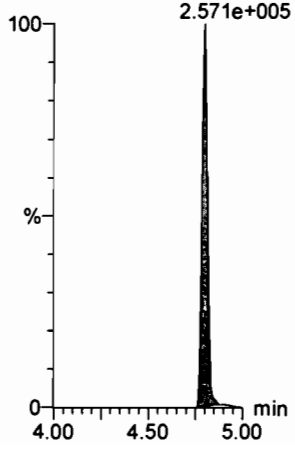
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.880e+004



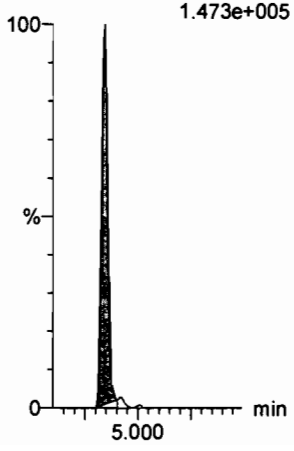
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.146e+004



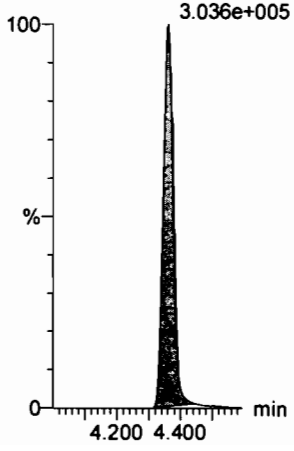
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.571e+005



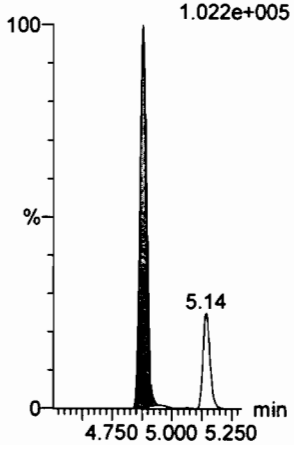
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.473e+005



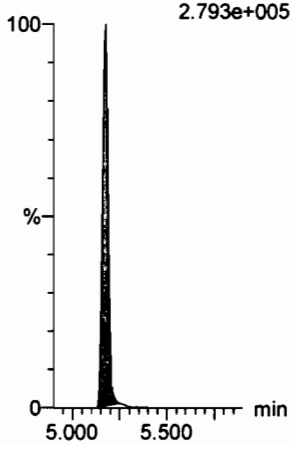
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.036e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.022e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.793e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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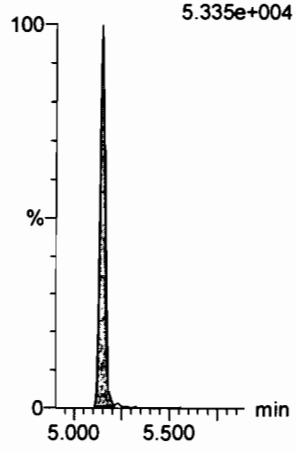
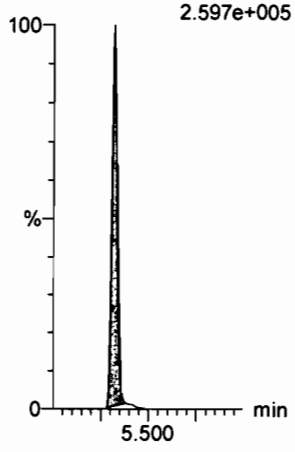
Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

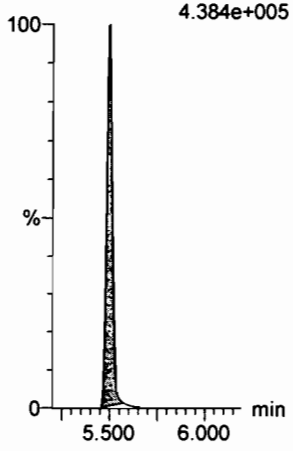
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.335e+004



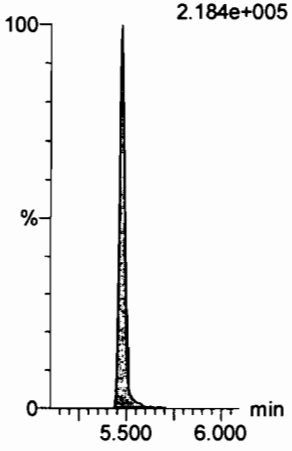
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.597e+005



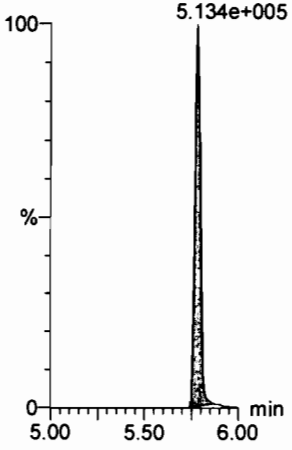
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.384e+005



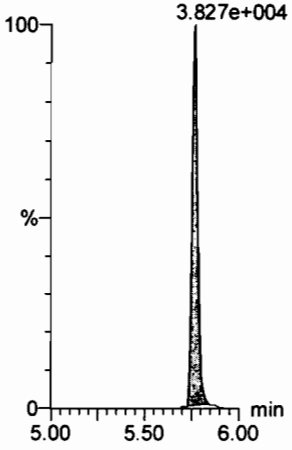
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.184e+005



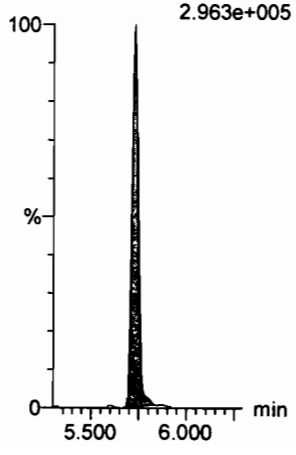
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.134e+005



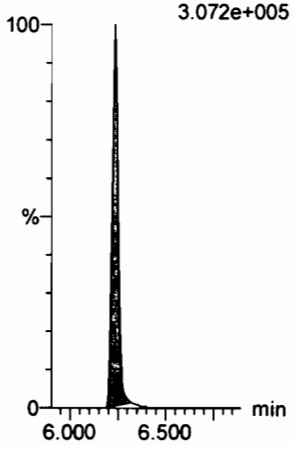
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.827e+004



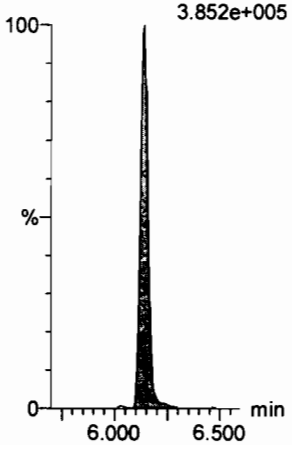
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.963e+005



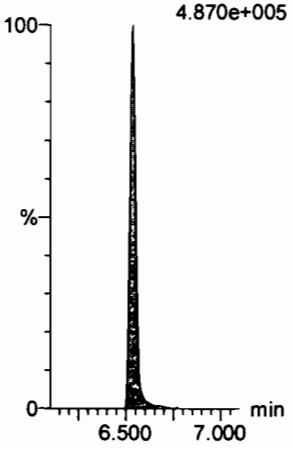
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.072e+005



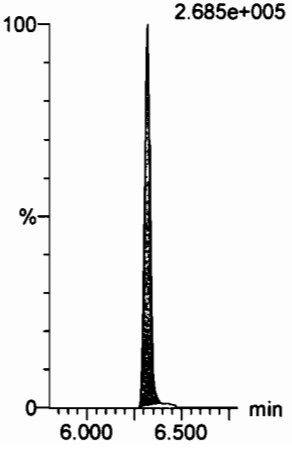
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.852e+005



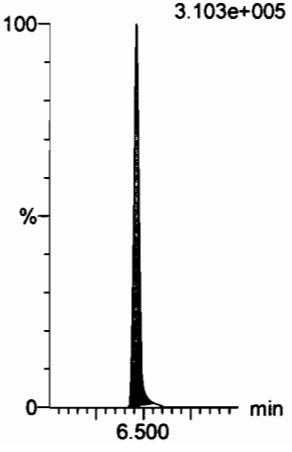
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
4.870e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.685e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.103e+005



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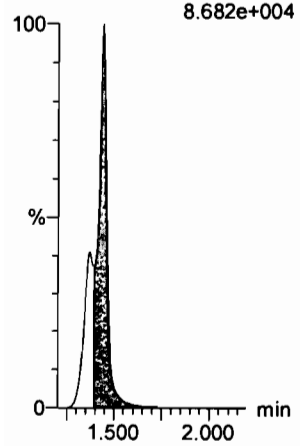
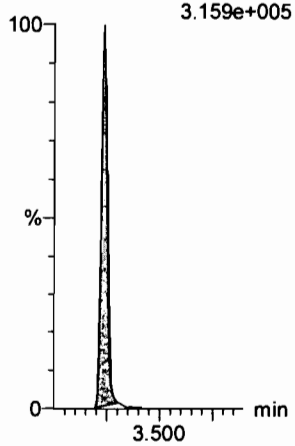
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_10, Date: 02-Jul-2020, Time: 17:00:04, ID: ST200702M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

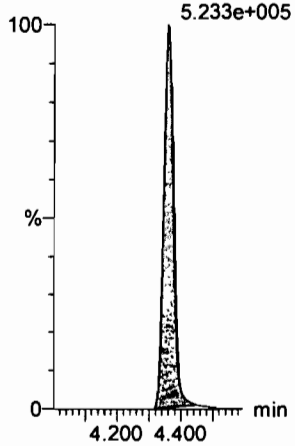
13C4-PFBA



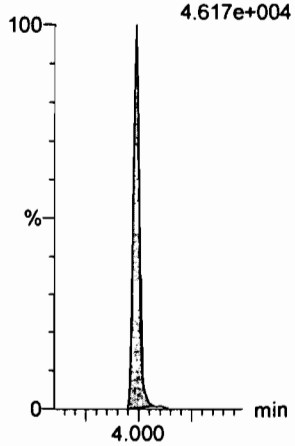
13C5-PFHxA



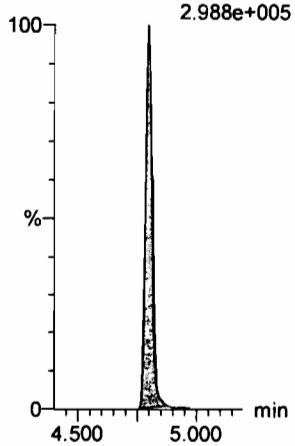
13C8-PFOA



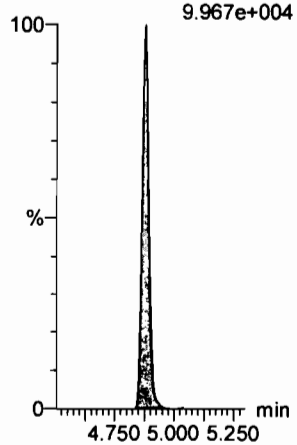
18O2-PFHxS



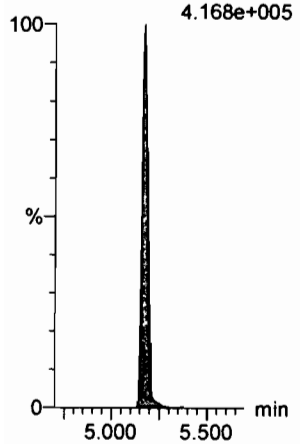
13C9-PFNA



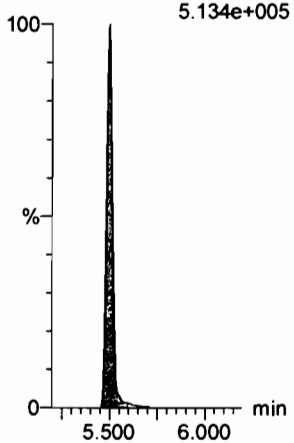
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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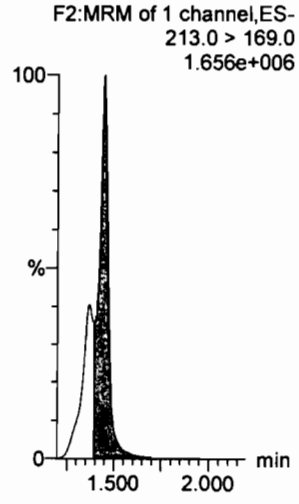
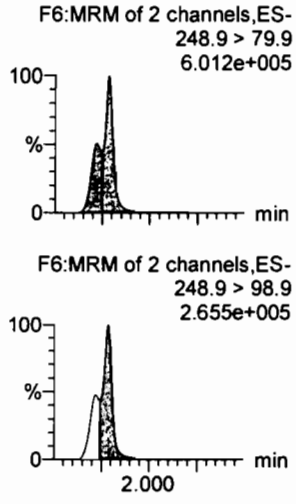
Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

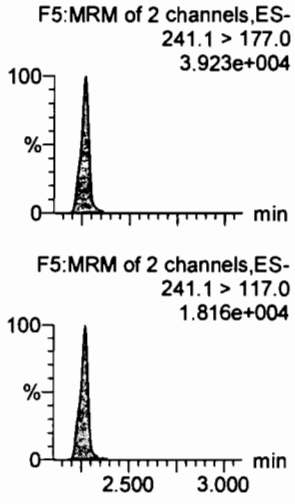
PFBA



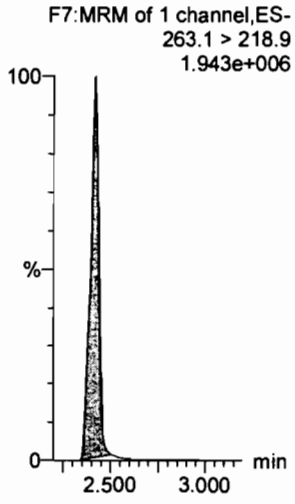
PFPrS



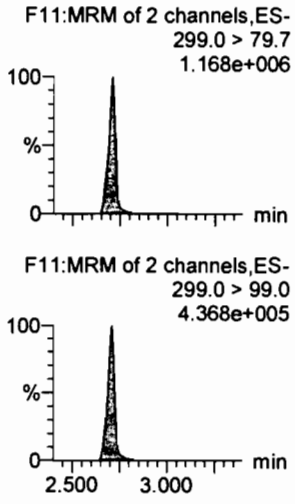
3:3 FTCA



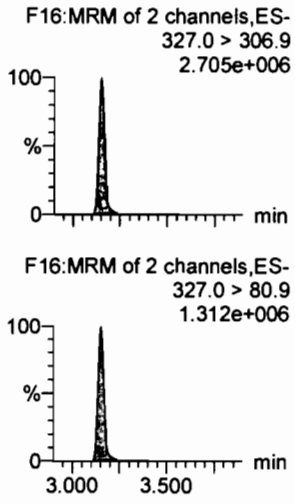
PFPeA



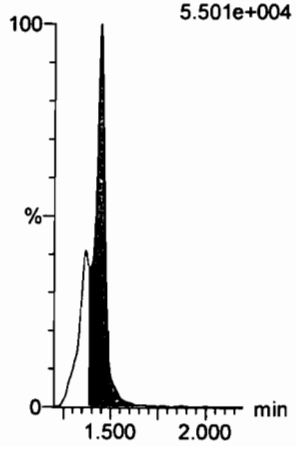
PFBS



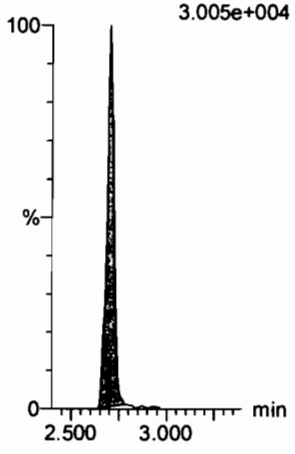
4:2 FTS



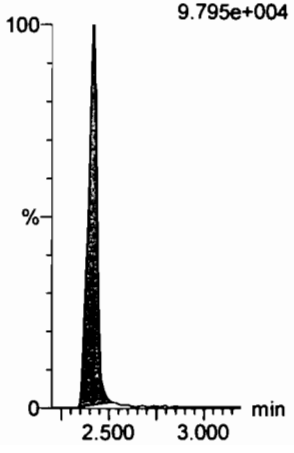
13C3-PFBA-EIS



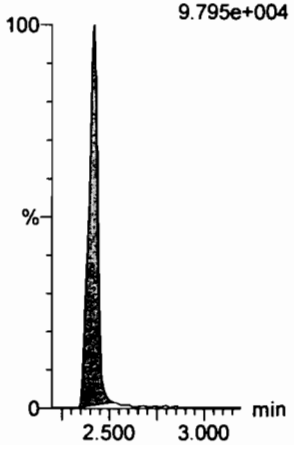
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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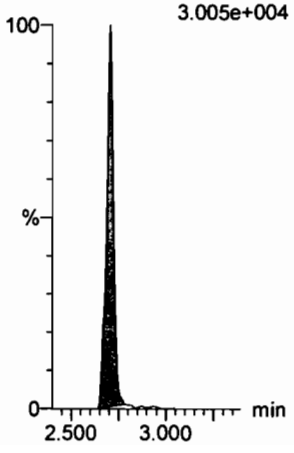
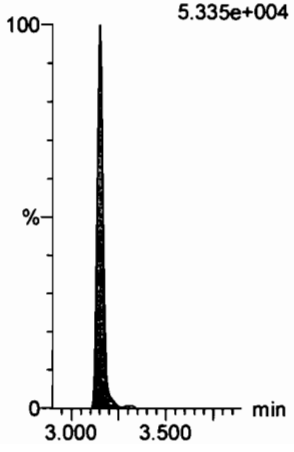


13C2-4:2 FTS-EIS



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Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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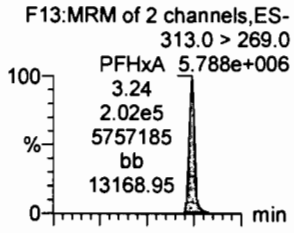
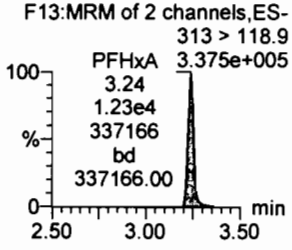
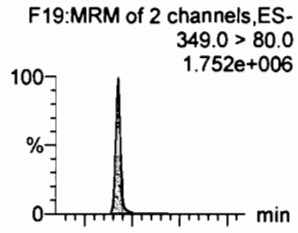
Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

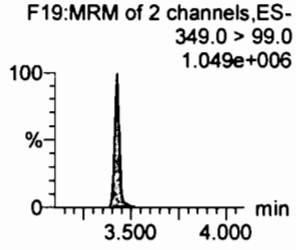
PFHxA



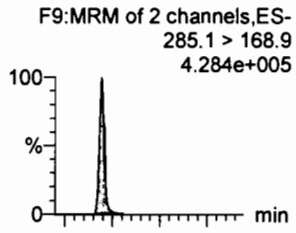


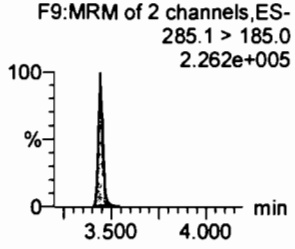
PFPeS



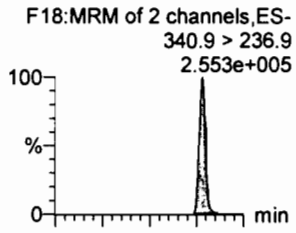


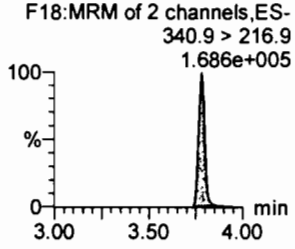
HFPO-DA



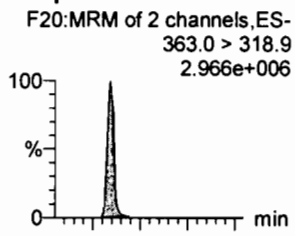


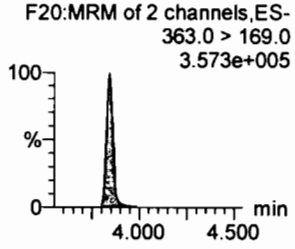
5:3 FTCA



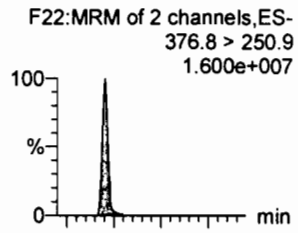


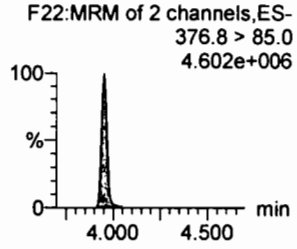
PFHpA



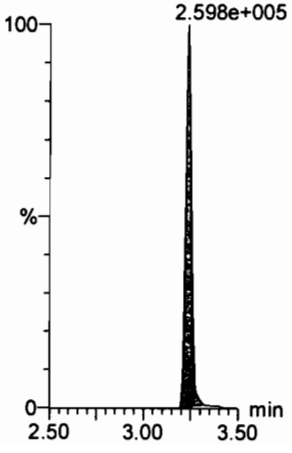


ADONA

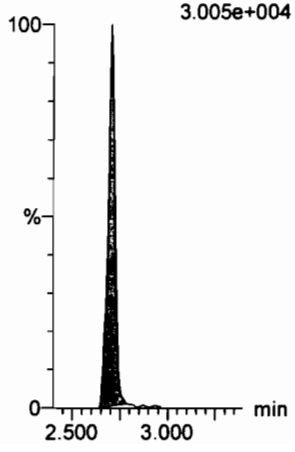




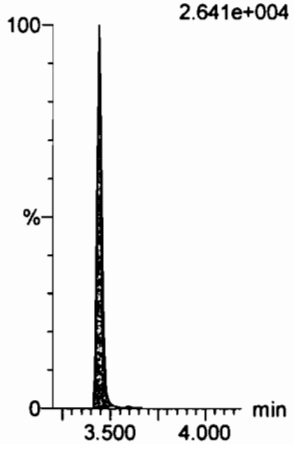
13C2-PFHxA-EIS



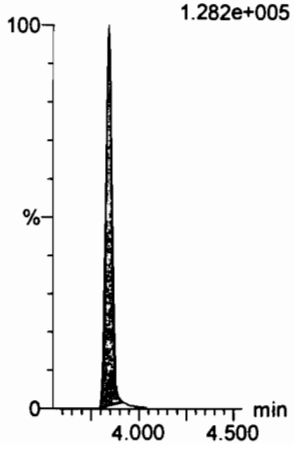
13C3-PFBS-EIS



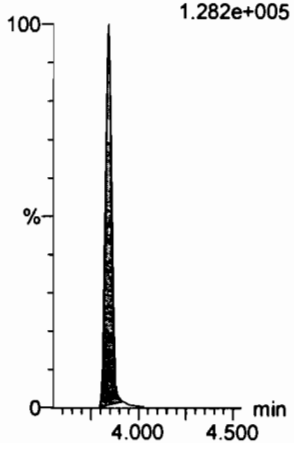
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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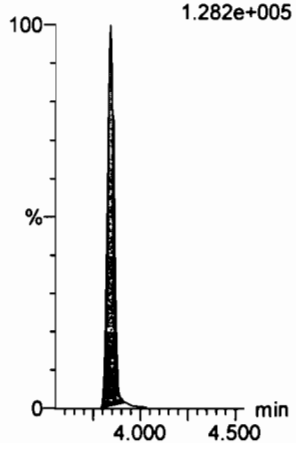

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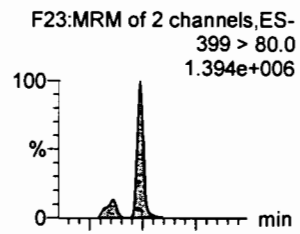
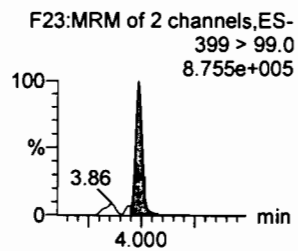
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

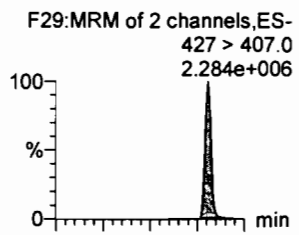
Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

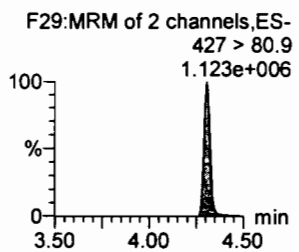
L-PFHxS



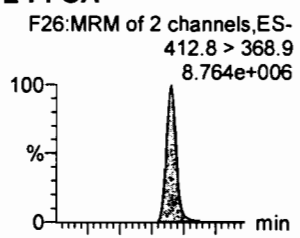


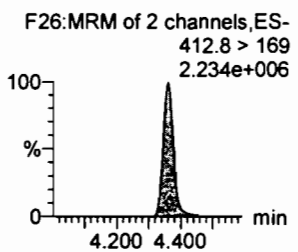
6:2 FTS





L-PFOA





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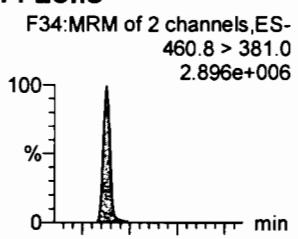

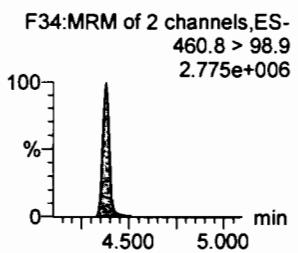

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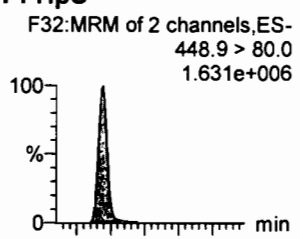
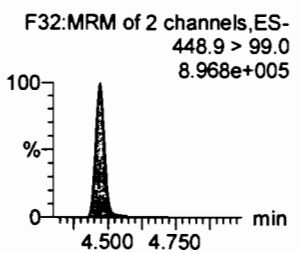
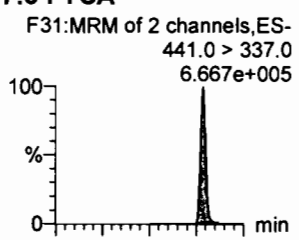
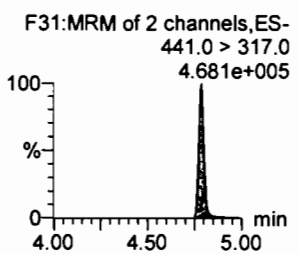


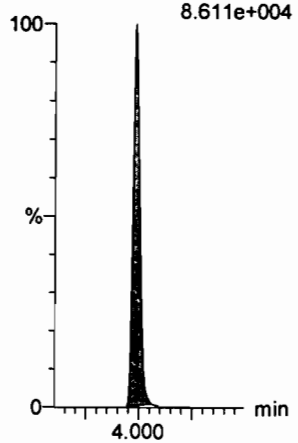


7:3 FTCA

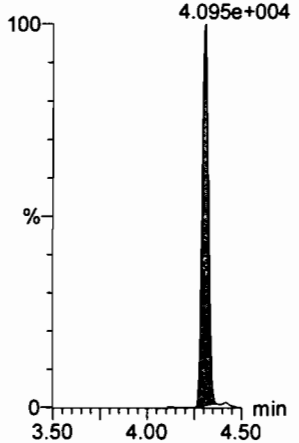




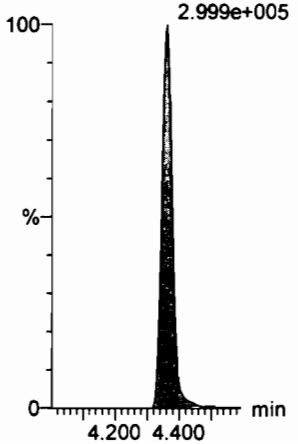
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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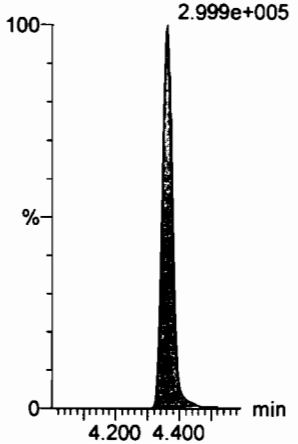
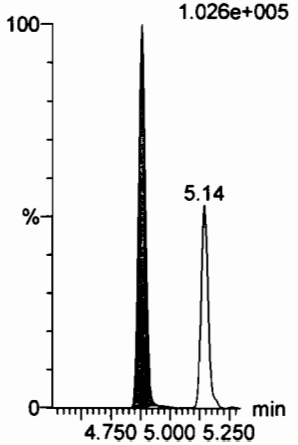
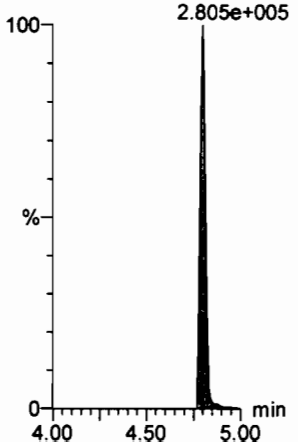


13C8-PFOS-EIS



13C5-PFNA-EIS



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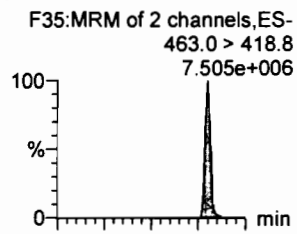
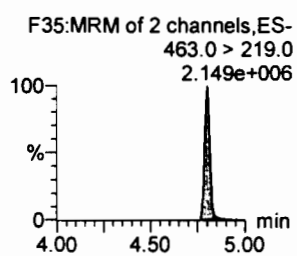
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

PFNA





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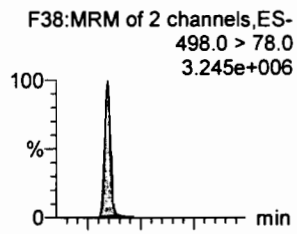
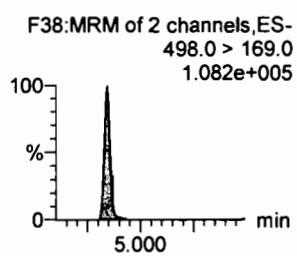
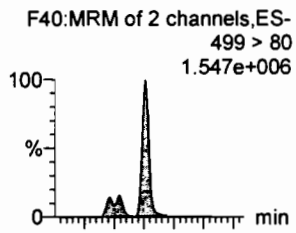
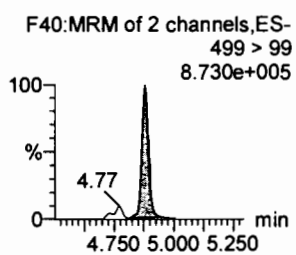


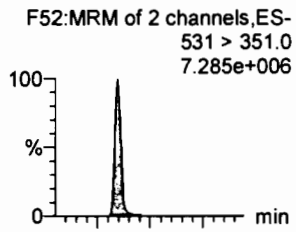


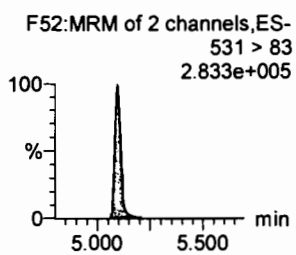
L-PFOS





9Cl-PF30NS





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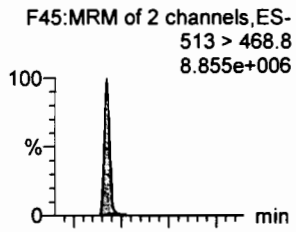
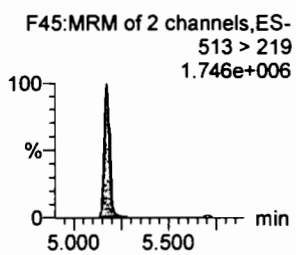
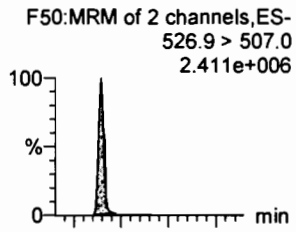
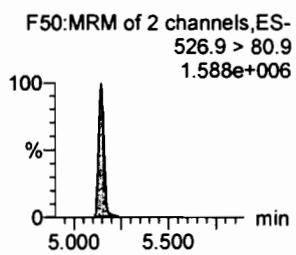


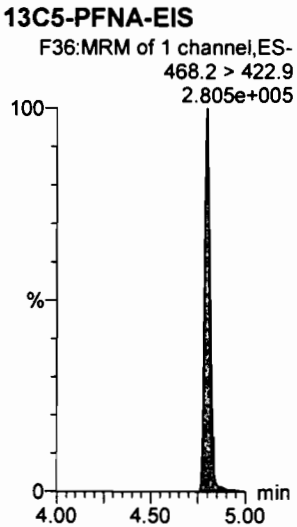


8:2 FTS

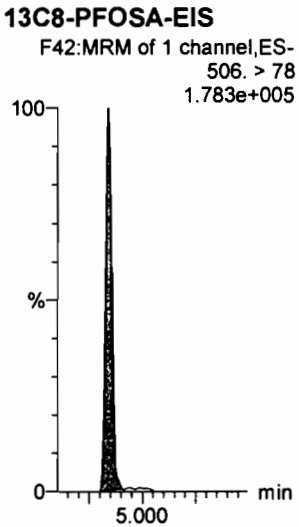




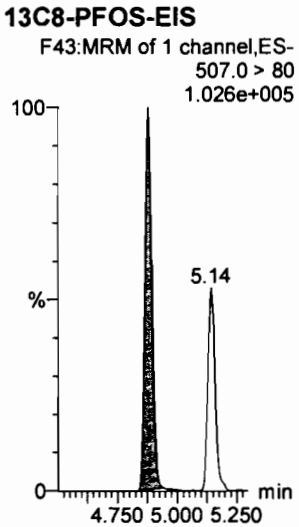
13C5-PFNA-EIS



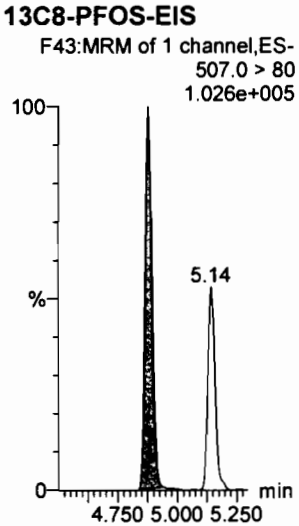
13C8-PFOSA-EIS



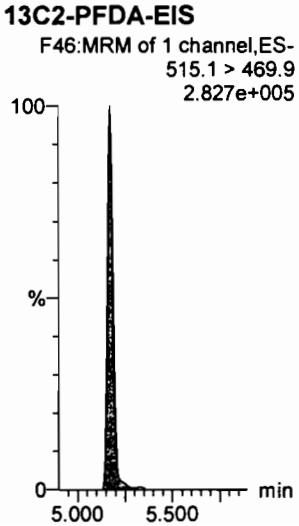
13C8-PFOS-EIS



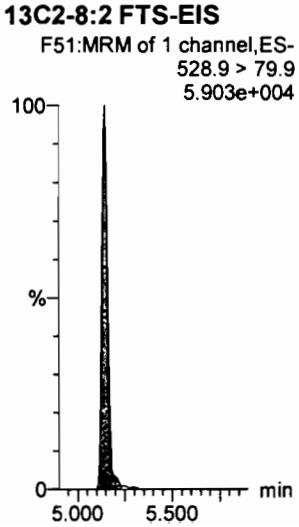
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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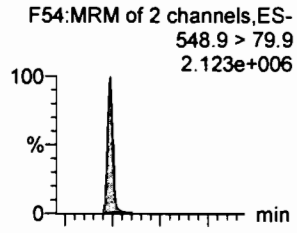
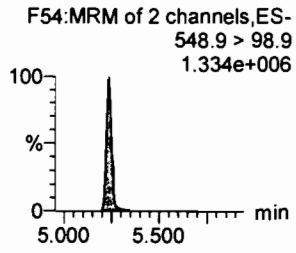
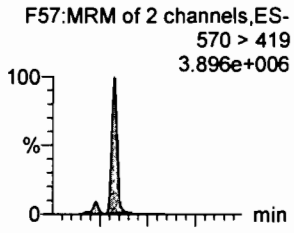
Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

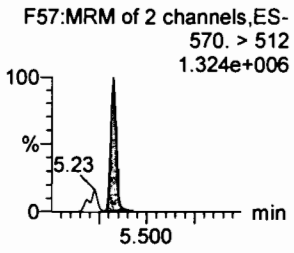
PFNS



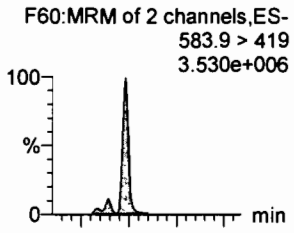


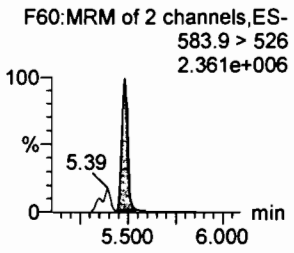
L-MeFOSAA



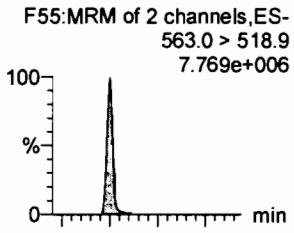


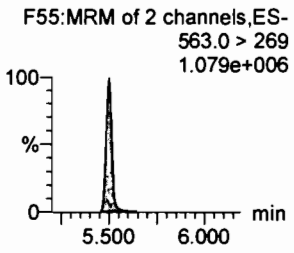
L-EtFOSAA





PFUdA





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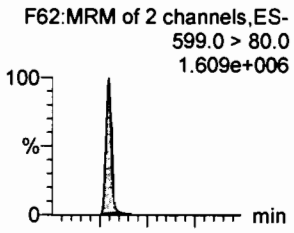
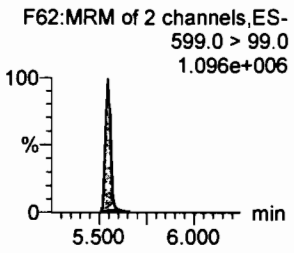
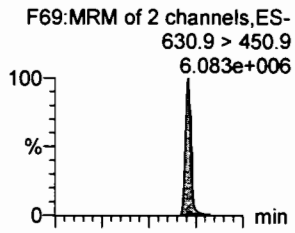
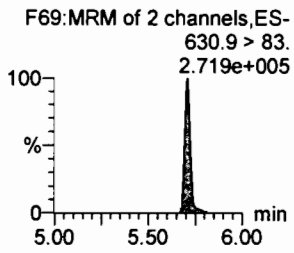


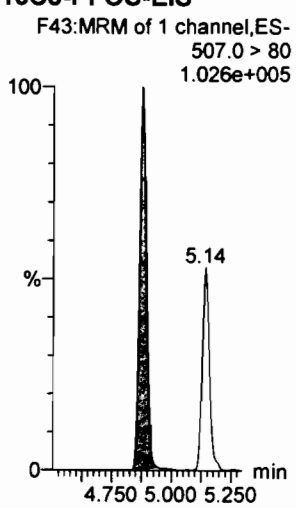


11Cl-PF30UdS

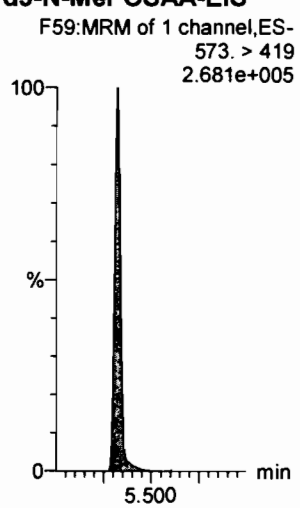




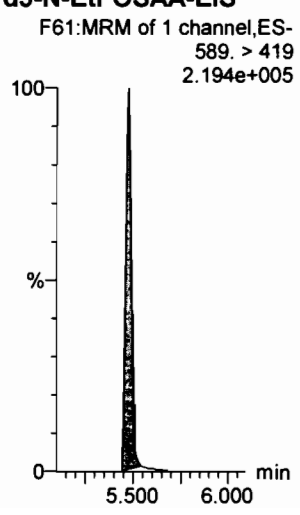
13C8-PFOS-EIS



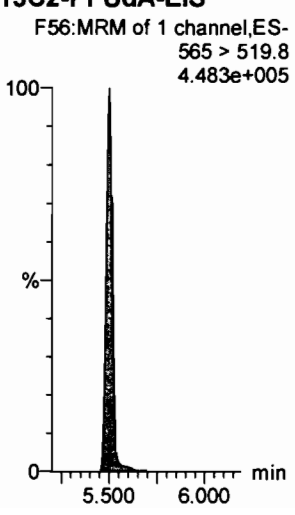
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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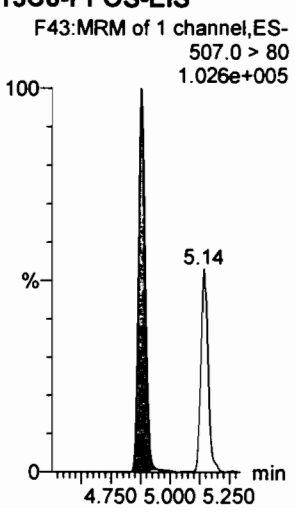

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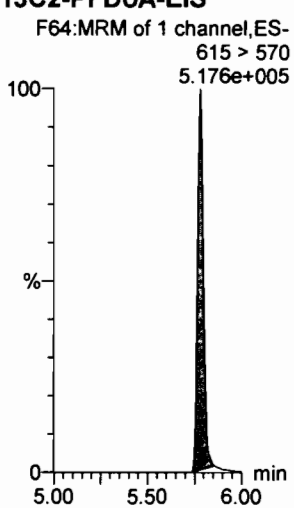

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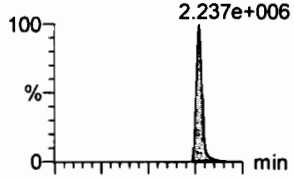
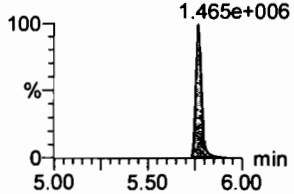
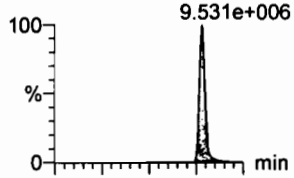
10:2 FTS
F67:MRM of 2 channels,ES-
626.9 > 607
2.237e+006



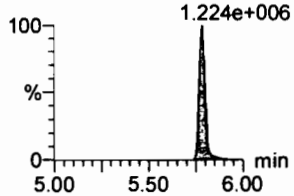
F67:MRM of 2 channels,ES-
626.9 > 81
1.465e+006



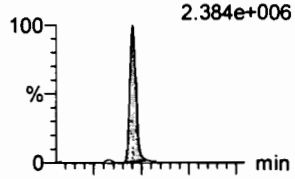
PFDoA
F63:MRM of 2 channels,ES-
612.9 > 569.0
9.531e+006



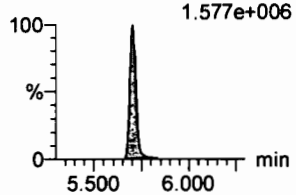
F63:MRM of 2 channels,ES-
612.9 > 318.8
1.224e+006



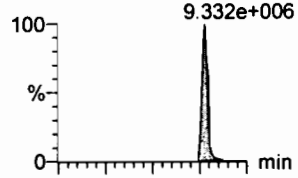
N-MeFOSA
F44:MRM of 2 channels,ES-
512.1 > 168.9
2.384e+006



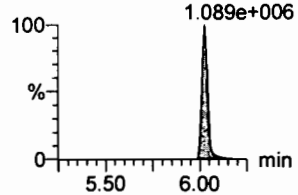
F44:MRM of 2 channels,ES-
512.1 > 219
1.577e+006



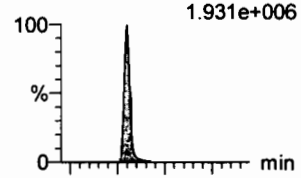
PFTrDA
F72:MRM of 2 channels,ES-
662.9 > 618.9
9.332e+006



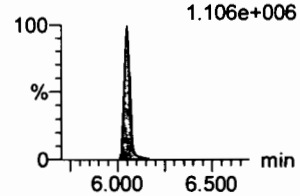
F72:MRM of 2 channels,ES-
662.9 > 319
1.089e+006



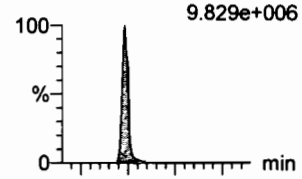
PFDoS
F73:MRM of 2 channels,ES-
698.9 > 80
1.931e+006



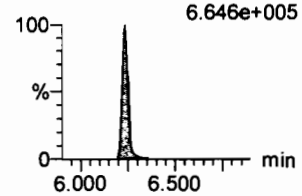
F73:MRM of 2 channels,ES-
698.9 > 99
1.106e+006



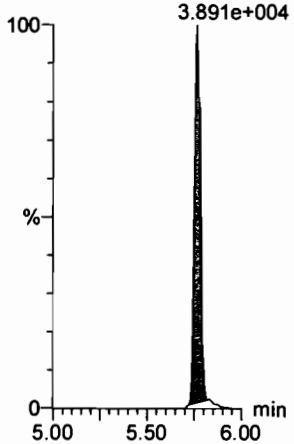
PFTeDA
F74:MRM of 2 channels,ES-
713.0 > 669.0
9.829e+006



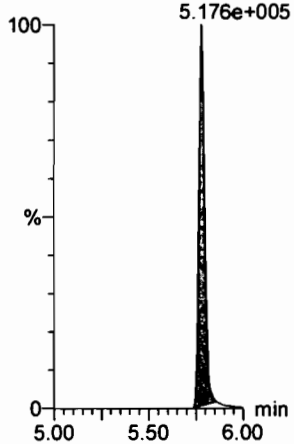
F74:MRM of 2 channels,ES-
713. > 369.0
6.646e+005



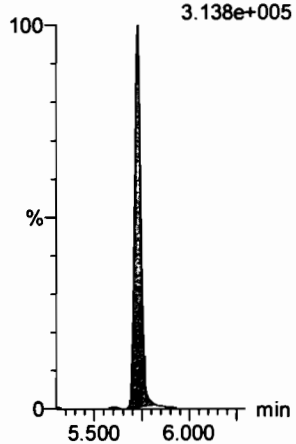
13C2-10:2 FTS-EIS
F70:MRM of 1 channel,ES-
633 > 79.9
3.891e+004



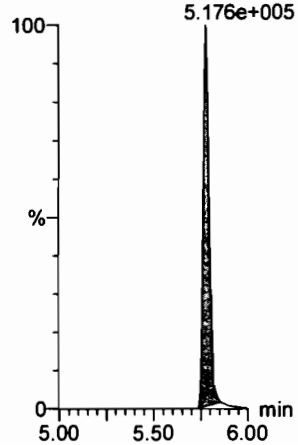
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.176e+005



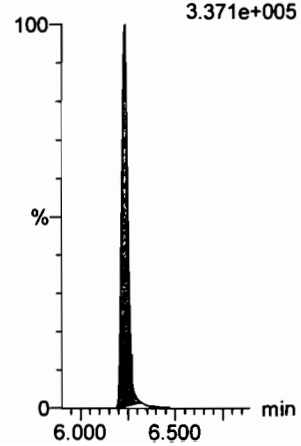
d3-N-MeFOSA-EIS
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.138e+005



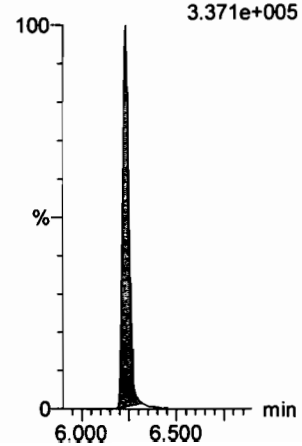
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.176e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.371e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.371e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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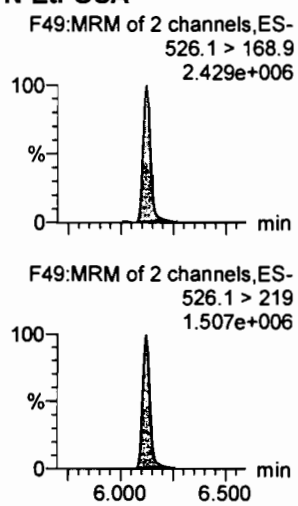
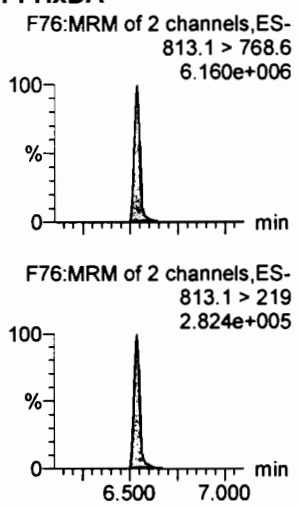
Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

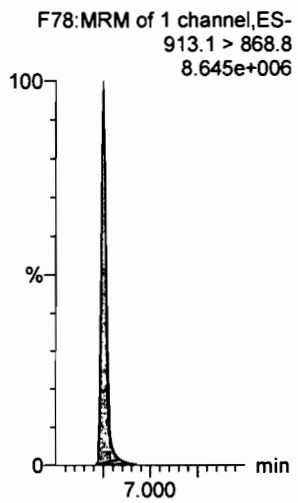
N-EtFOSA



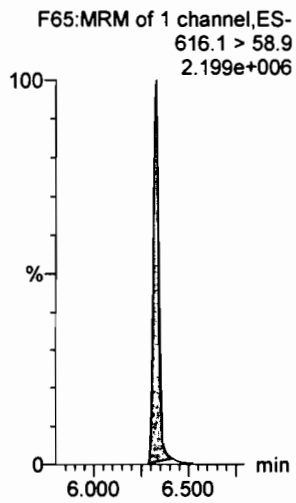
PFHxDA



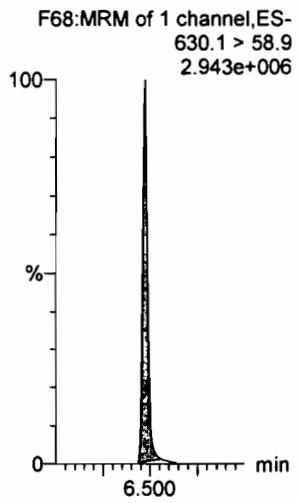
PFODA



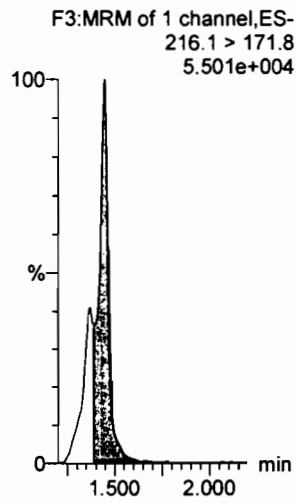
N-MeFOSE



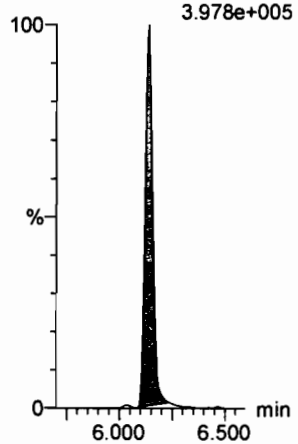
N-EtFOSE



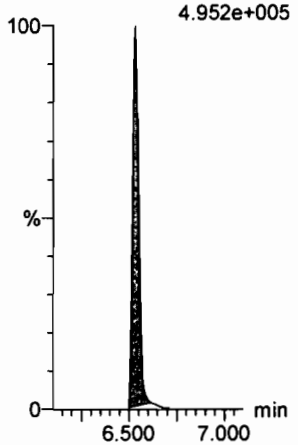
13C3-PFBA-RSD



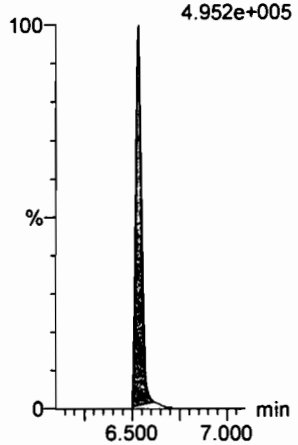
d5-N-ETFOSA-EIS



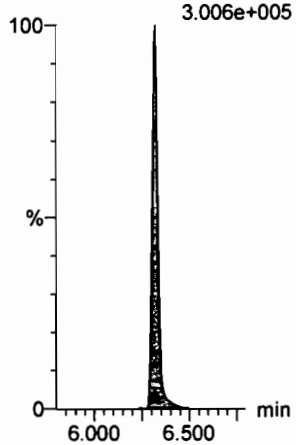
13C2-PFHxDA-EIS



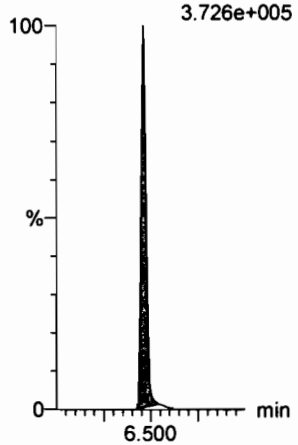
13C2-PFHxDA-EIS



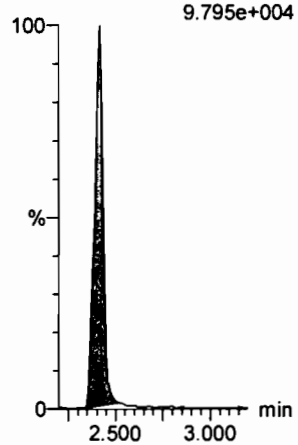
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
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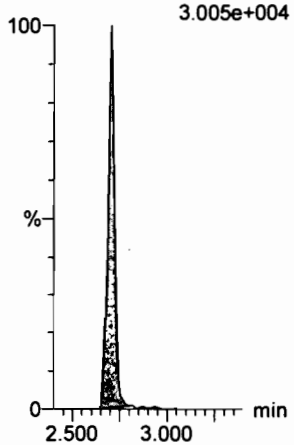
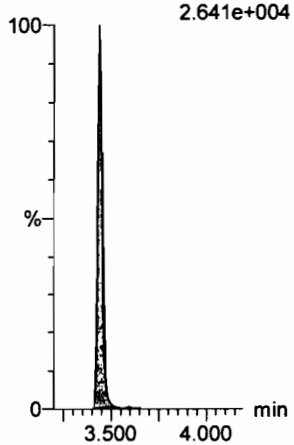
Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

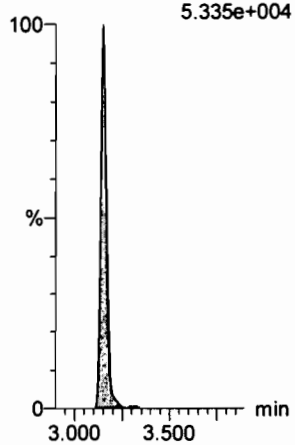
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.005e+004



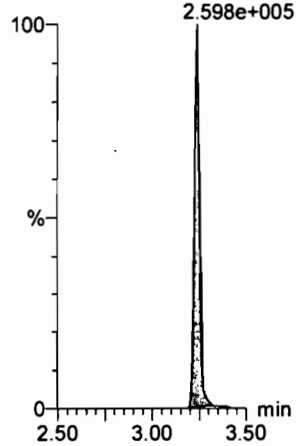
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.641e+004



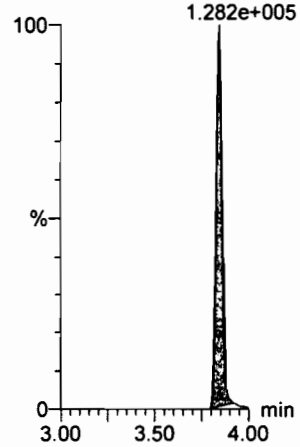
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.335e+004



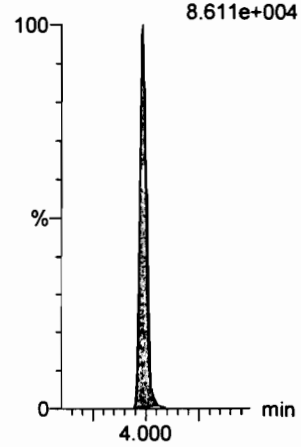
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.598e+005



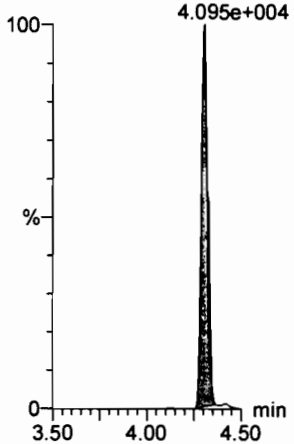
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.282e+005



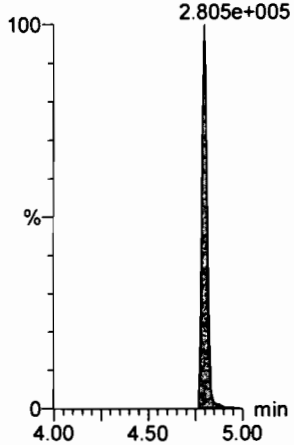
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.611e+004



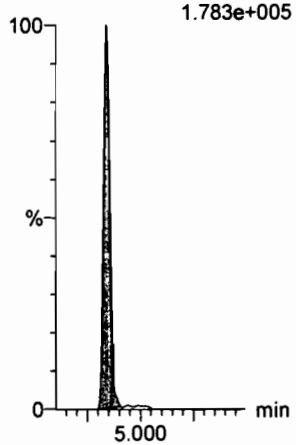
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.095e+004



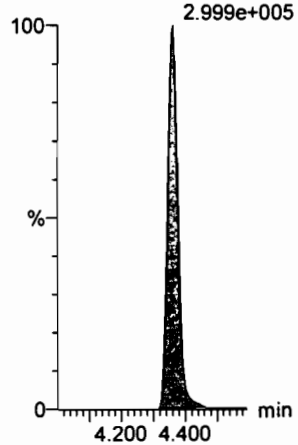
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.805e+005



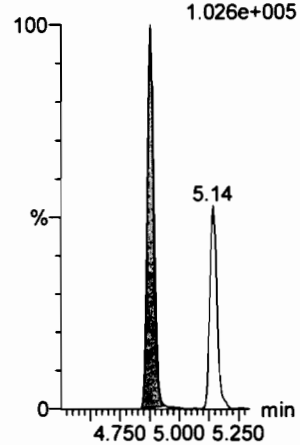
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.783e+005



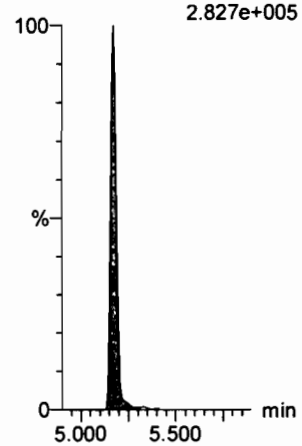
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.999e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.026e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.827e+005

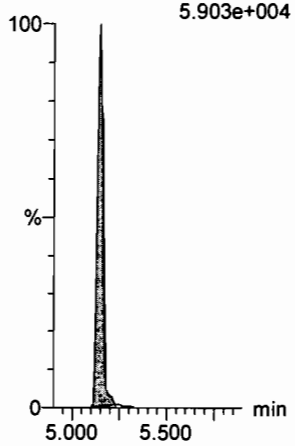


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

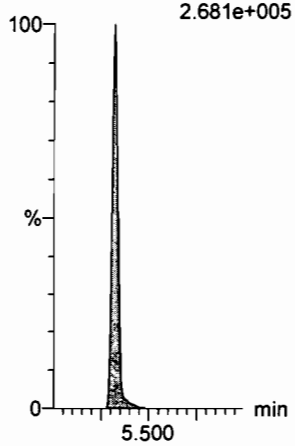
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

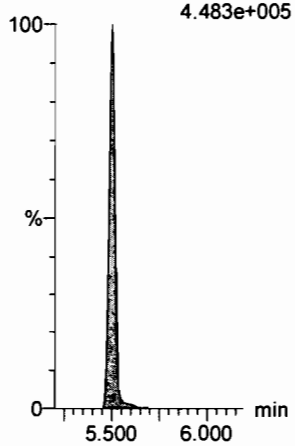
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.903e+004



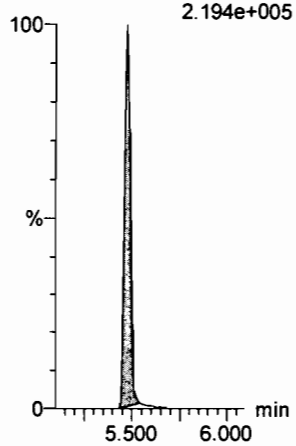
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.681e+005



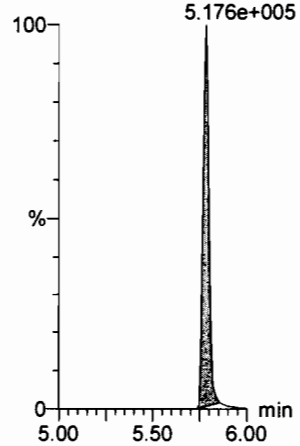
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.483e+005



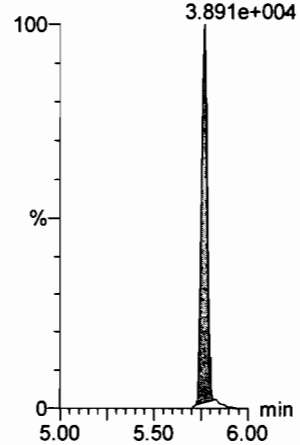
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.194e+005



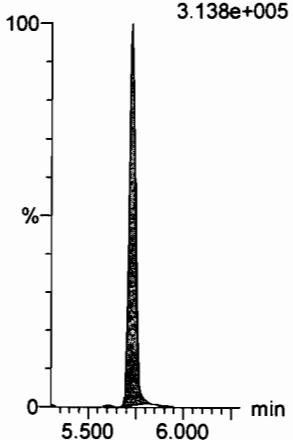
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.176e+005



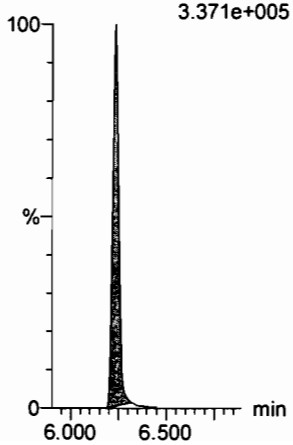
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.891e+004



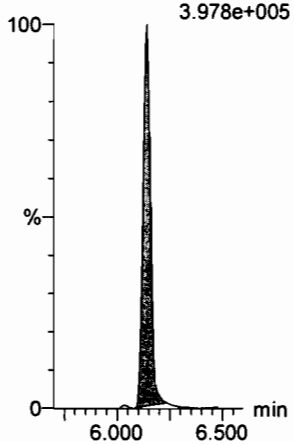
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.138e+005



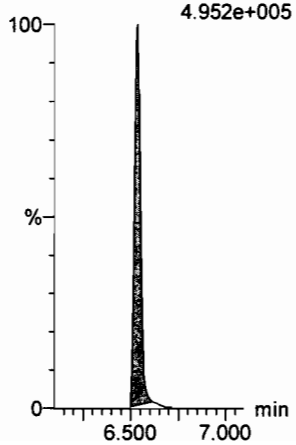
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.371e+005



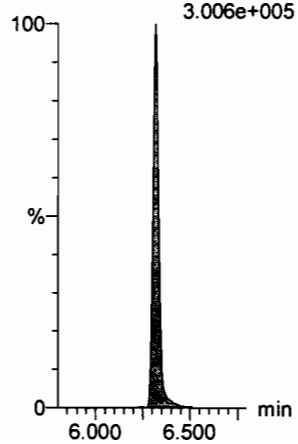
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.978e+005



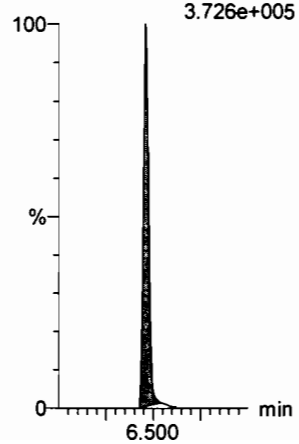
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
4.952e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.006e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.726e+005



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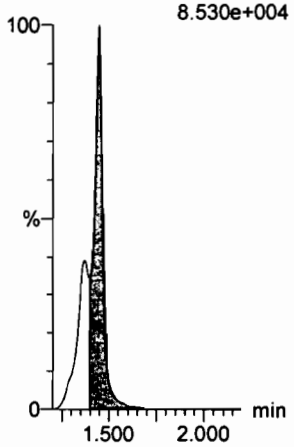
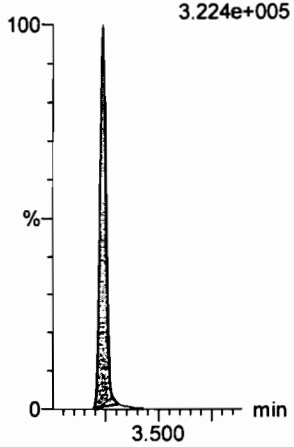
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_11, Date: 02-Jul-2020, Time: 17:11:07, ID: ST200702M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

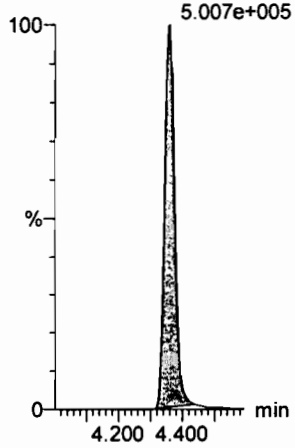
13C4-PFBA



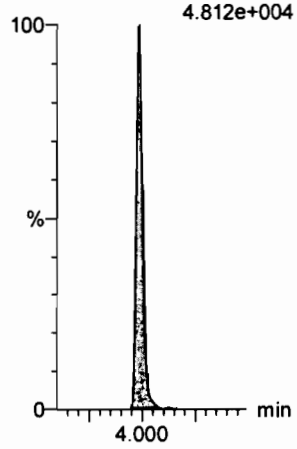
13C5-PFHxA



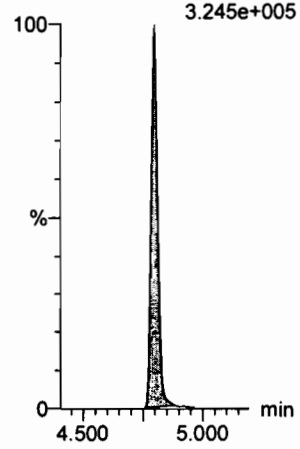
13C8-PFOA



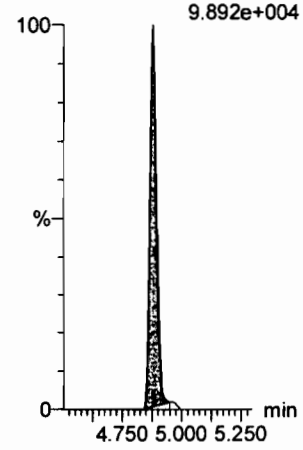
18O2-PFHxS



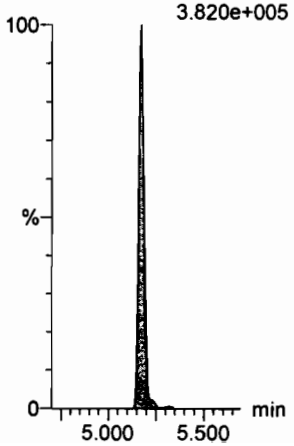
13C9-PFNA



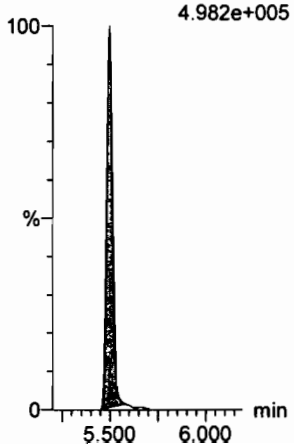
13C4-PFOS



13C6-PFDA



13C7-PFUdA

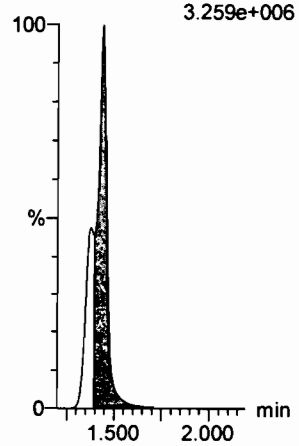


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

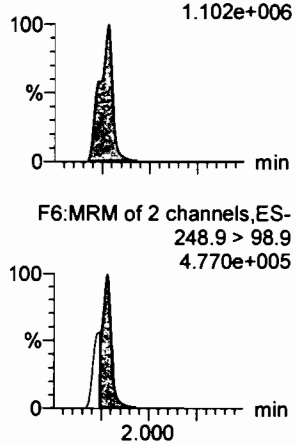
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

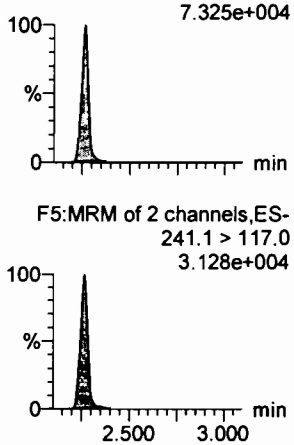
PFBA



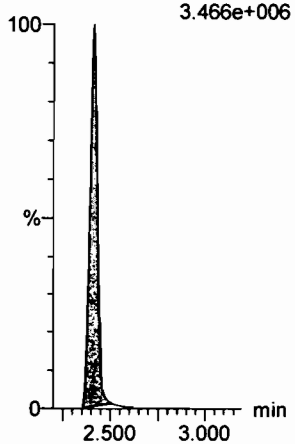
PFPrS



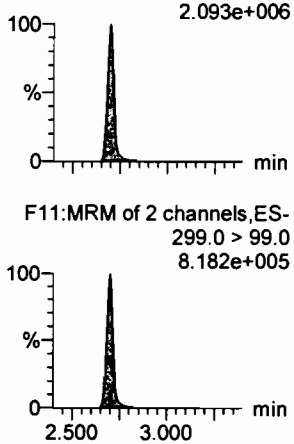
3:3 FTCA



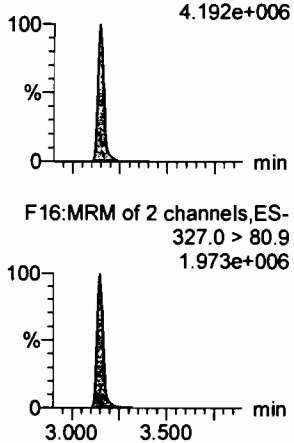
PFPeA



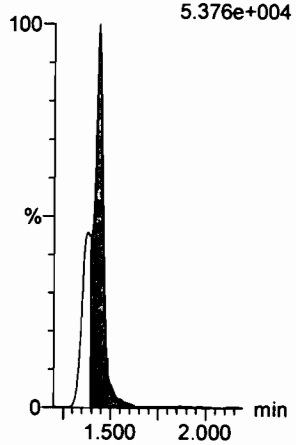
PFBS



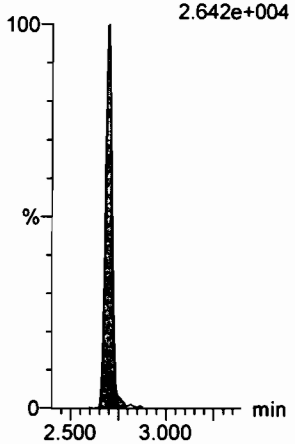
4:2 FTS



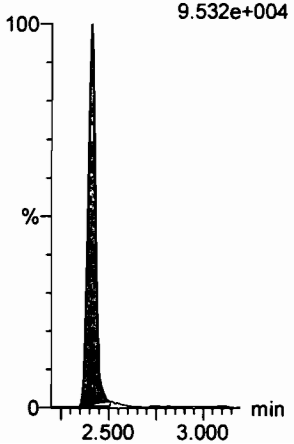
13C3-PFBA-EIS



13C3-PFBS-EIS

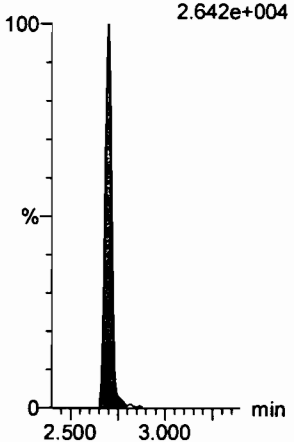


13C3-PFPeA-EIS

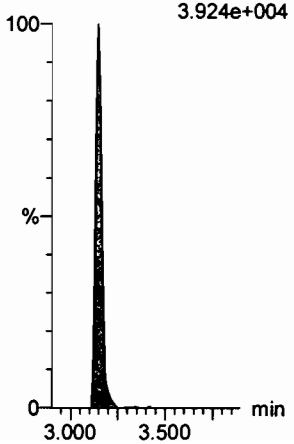


13C3-PFPeA-EIS

13C3-PFBS-EIS



13C2-4:2 FTS-EIS

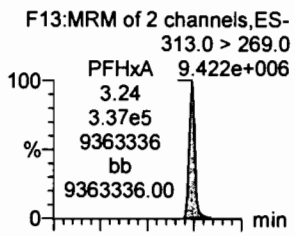


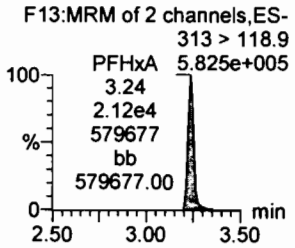
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

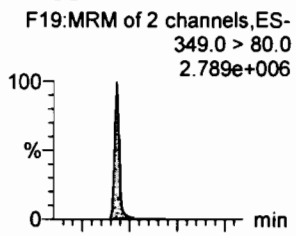
Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

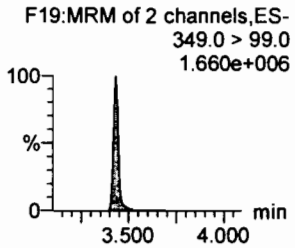
PFHxA



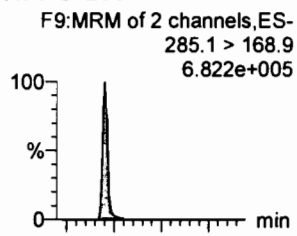


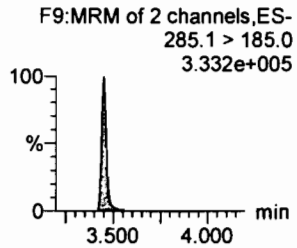
PFPeS



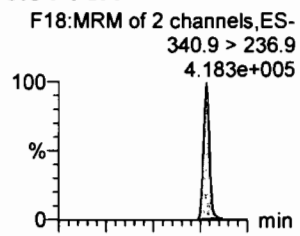


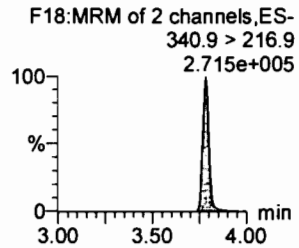
HFPO-DA



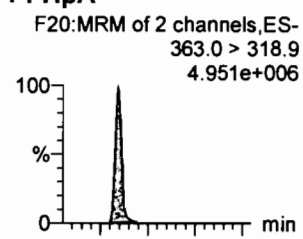


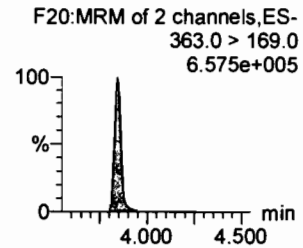
5:3 FTCA



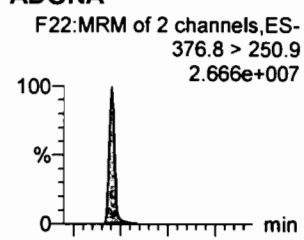


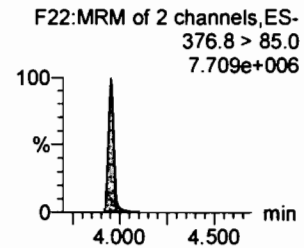
PFHpA



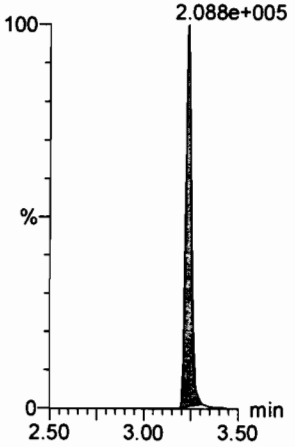


ADONA

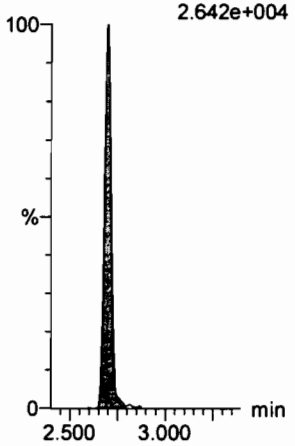




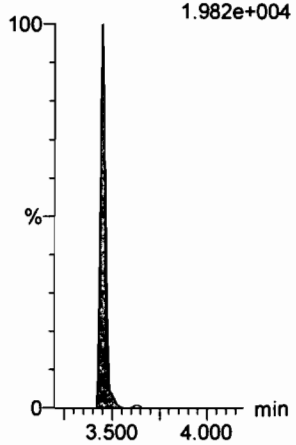
13C2-PFHxA-EIS



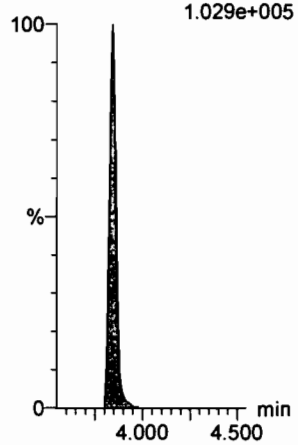
13C3-PFBS-EIS



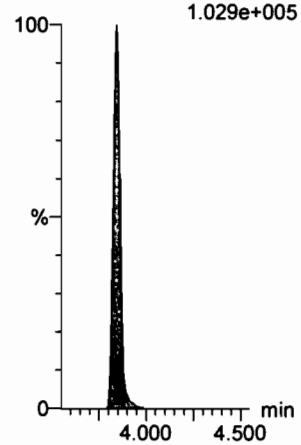
13C3-HFPO-DA-EIS



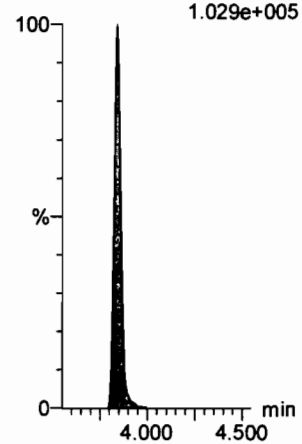
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

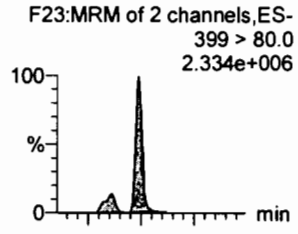


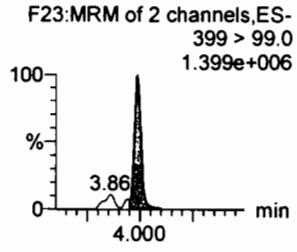
Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

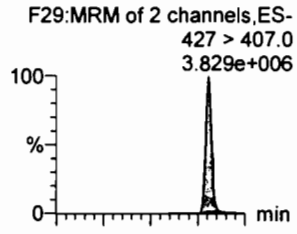
Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

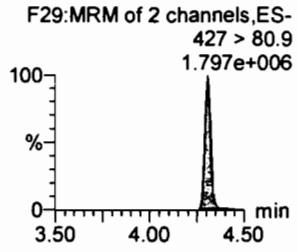
L-PFHxS



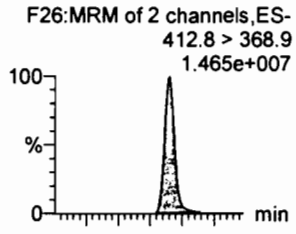


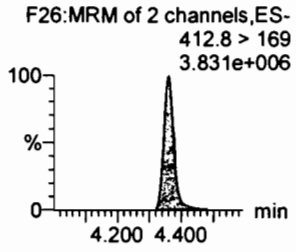
6:2 FTS



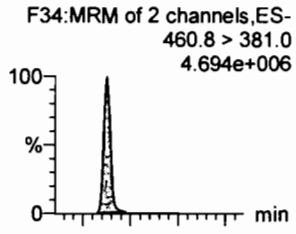


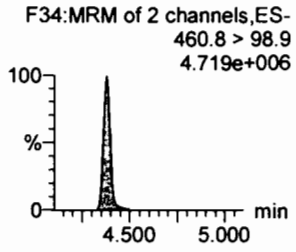
L-PFOA





PFEChS





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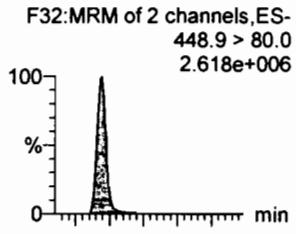
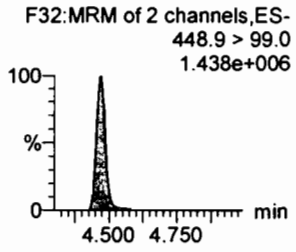
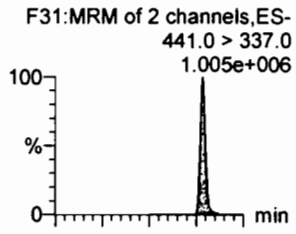
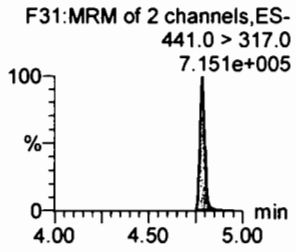


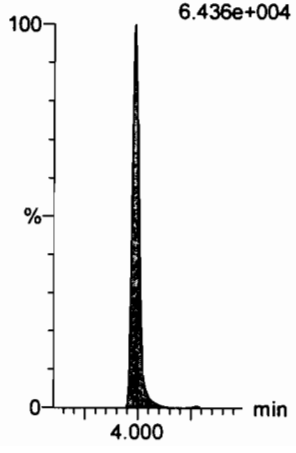


7:3 FTCA

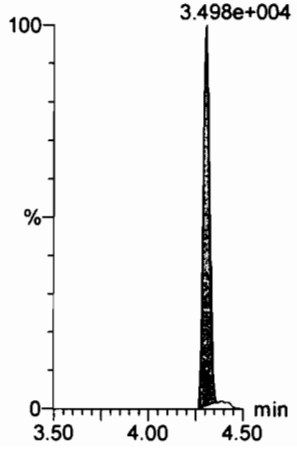




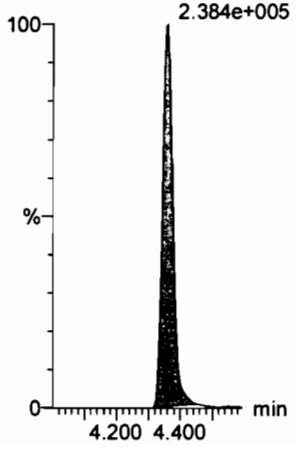
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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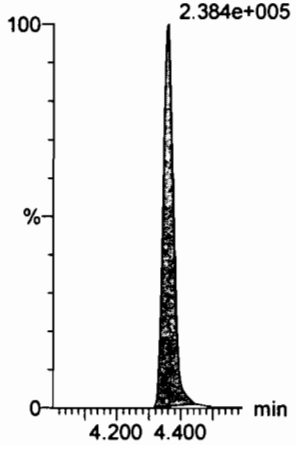
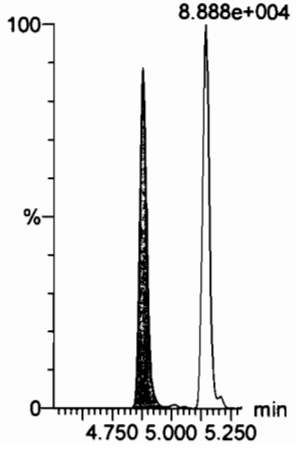
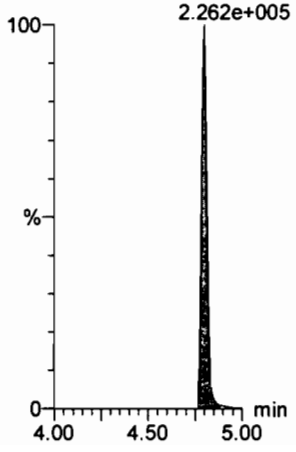


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

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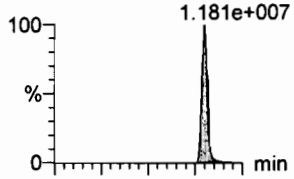

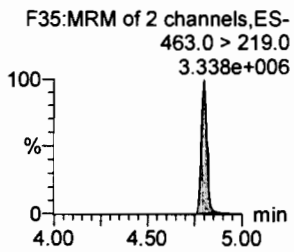

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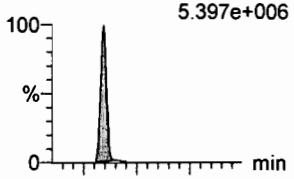
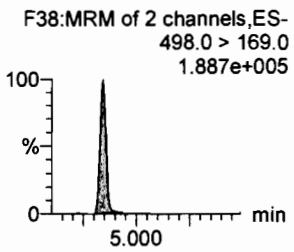
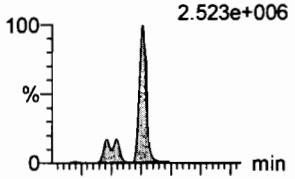
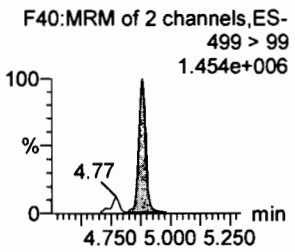


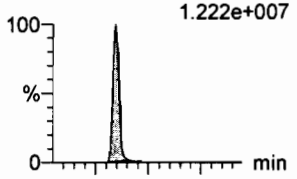


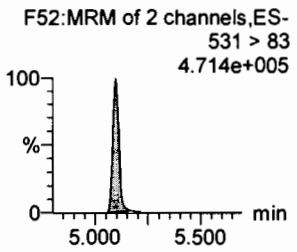
L-PFOS





9Cl-PF30NS





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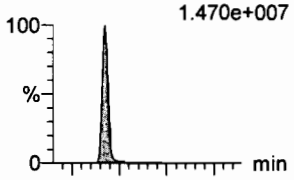
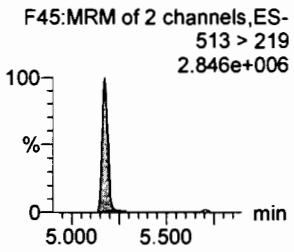
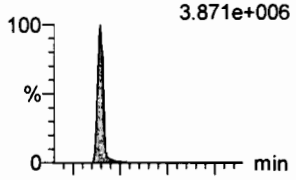
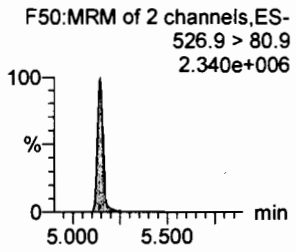


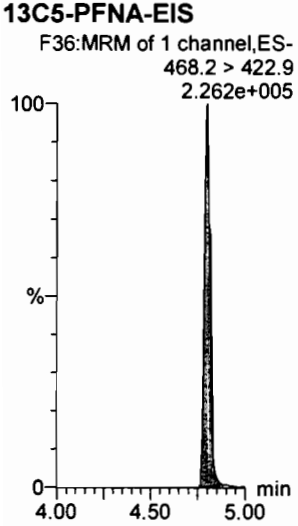


8:2 FTS

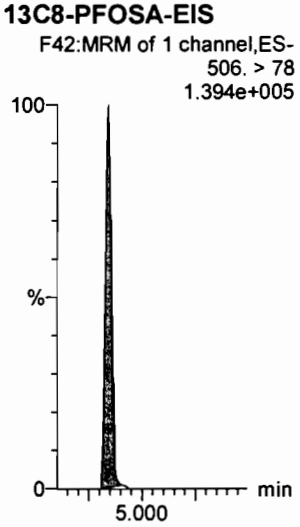




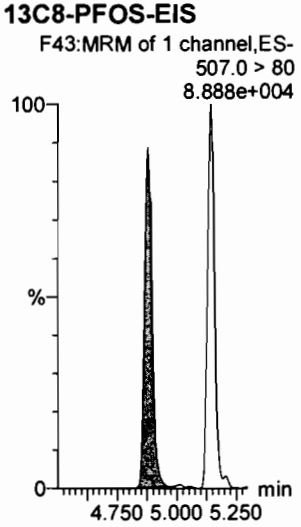
13C5-PFNA-EIS



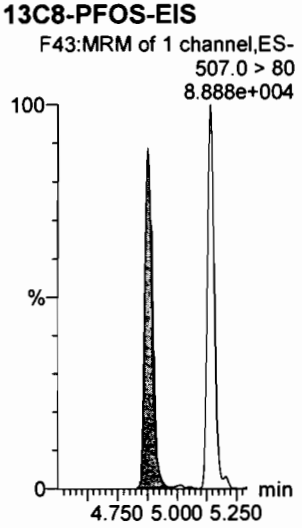
13C8-PFOSA-EIS



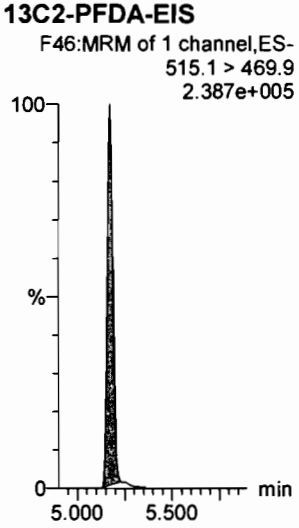
13C8-PFOS-EIS



13C8-PFOS-EIS



13C2-PFDA-EIS



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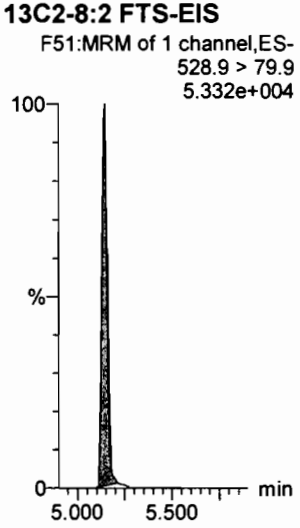

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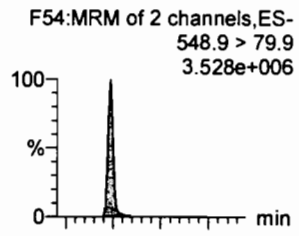

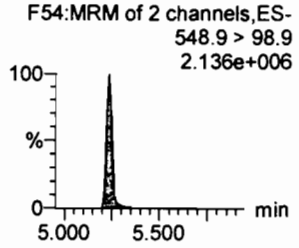

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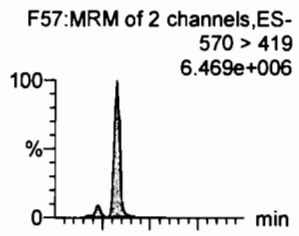

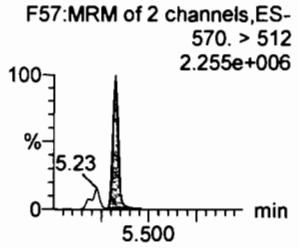

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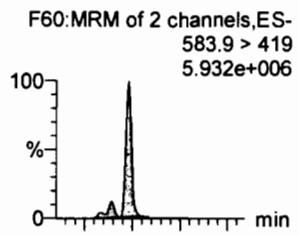
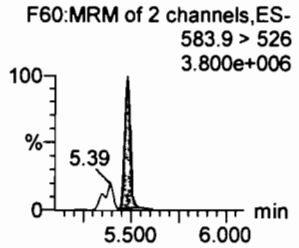
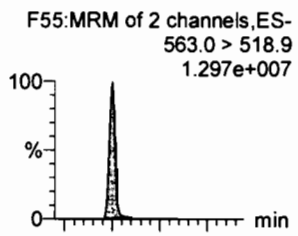
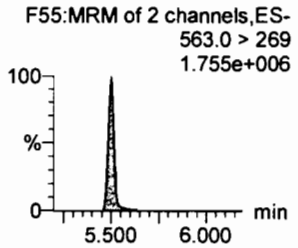




PFUdA





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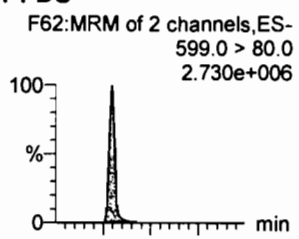
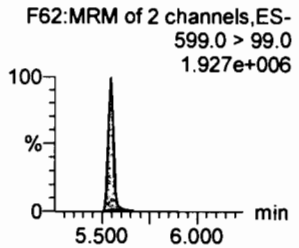
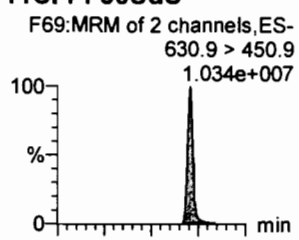
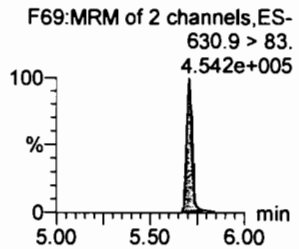


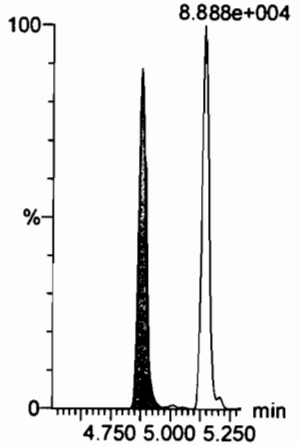


11Cl-PF30UdS





13C8-PFOS-EIS



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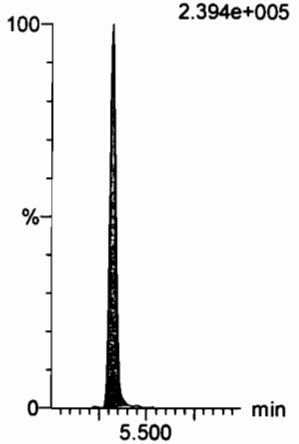

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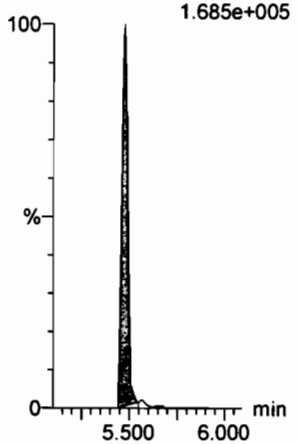
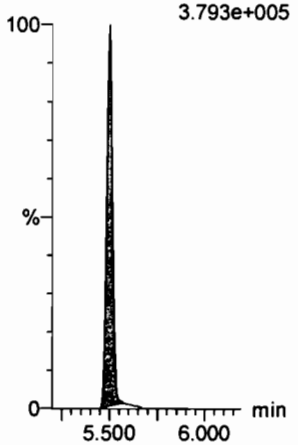


13C2-PFUdA-EIS



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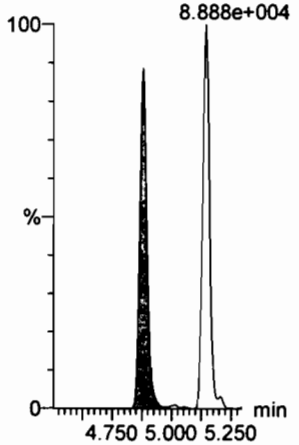

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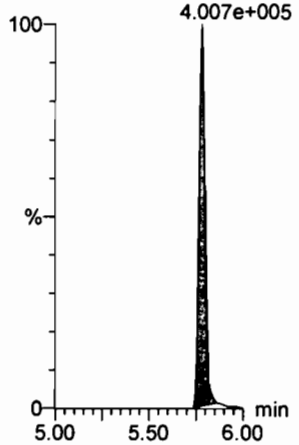

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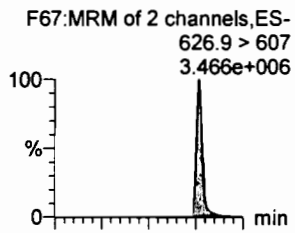
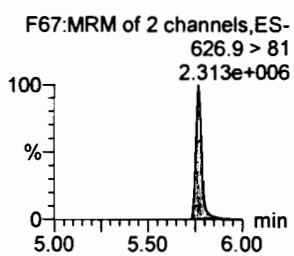
Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

10:2 FTS





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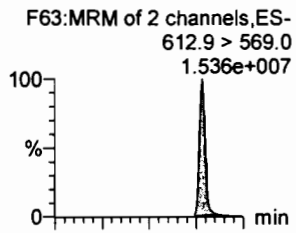
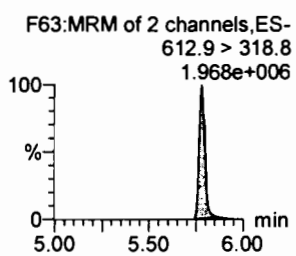
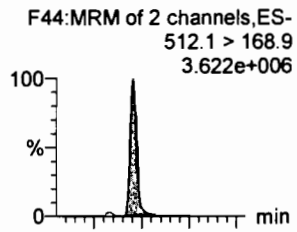
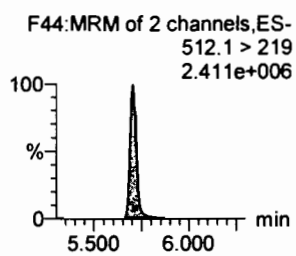


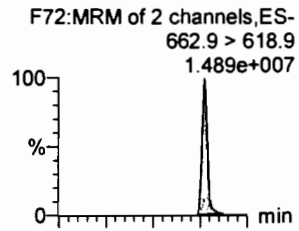


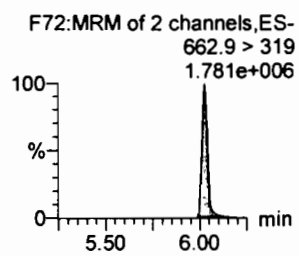
N-MeFOSA



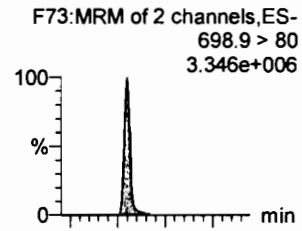


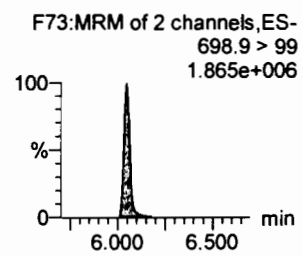
PFTrDA



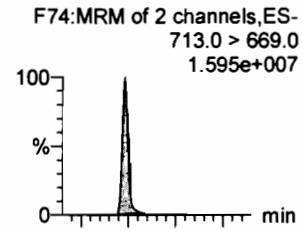


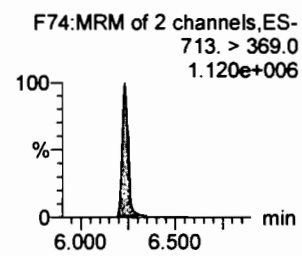
PFDoS



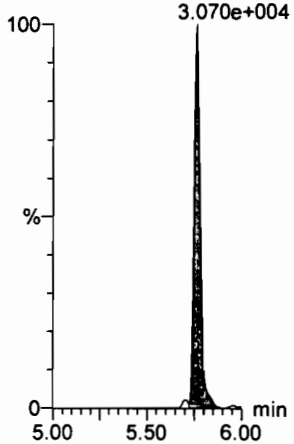


PFTeDA

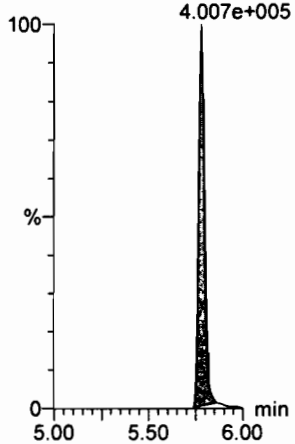




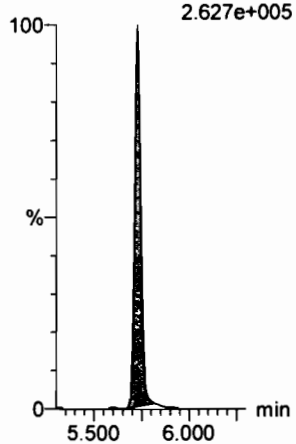
13C2-10:2 FTS-EIS



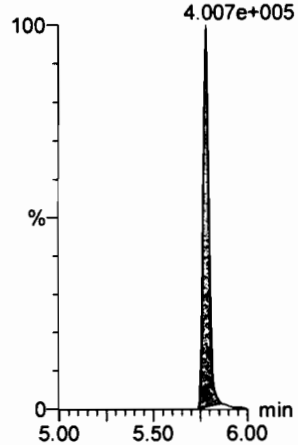
13C2-PFDoA-EIS



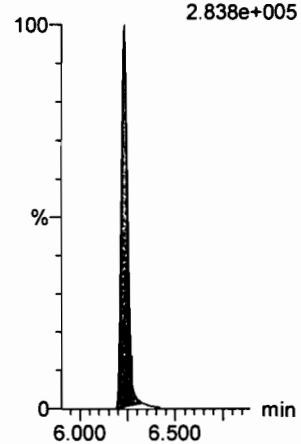
d3-N-MeFOSA-EIS



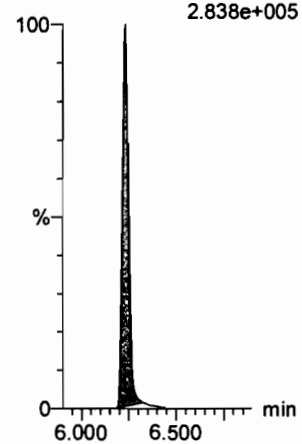
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

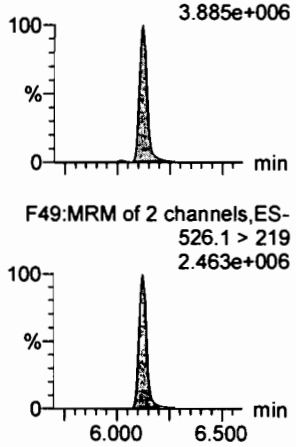


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

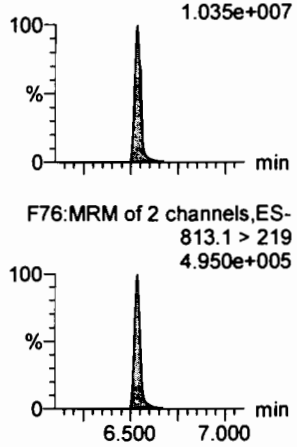
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

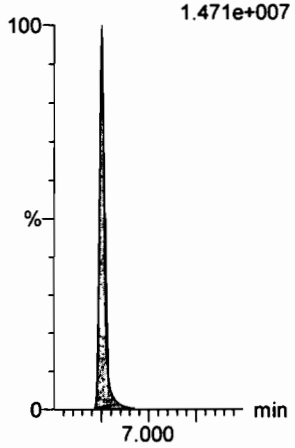
N-EtFOSA



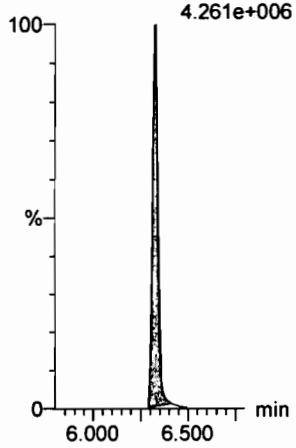
PFHxDA



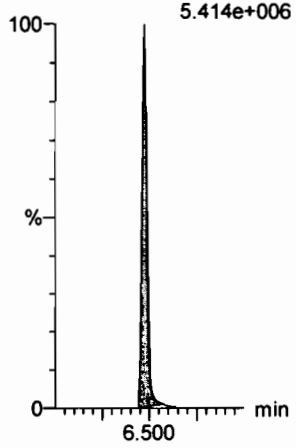
PFODA



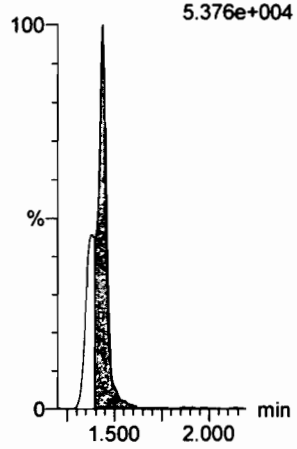
N-MeFOSE



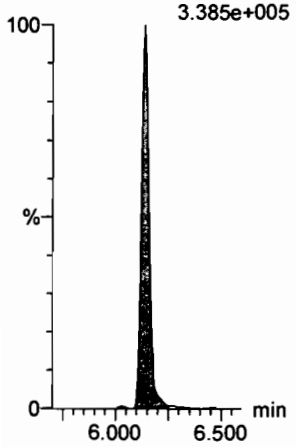
N-EtFOSE



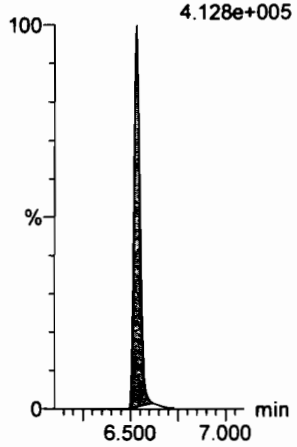
13C3-PFBA-RSD



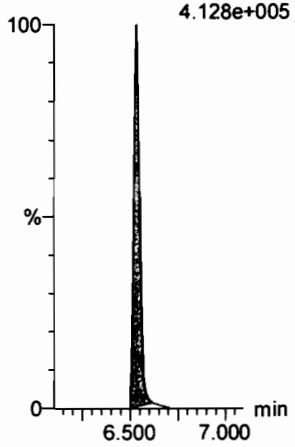
d5-N-ETFOSA-EIS



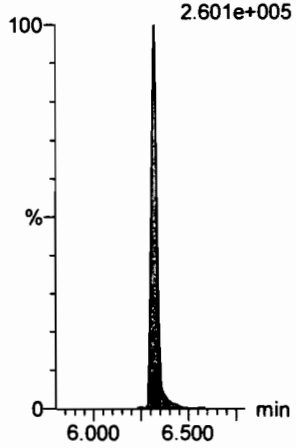
13C2-PFHxDA-EIS



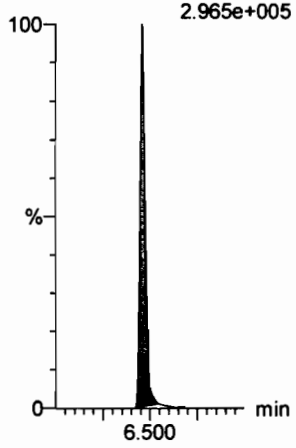
13C2-PFHxDA-EIS



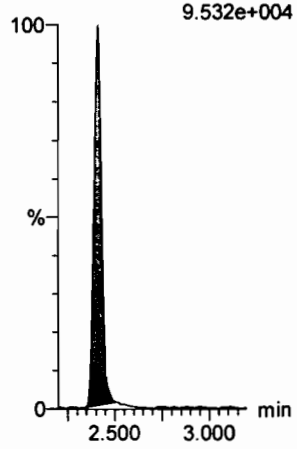
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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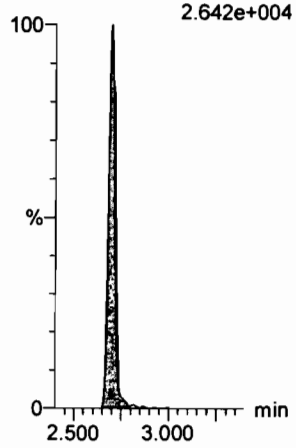
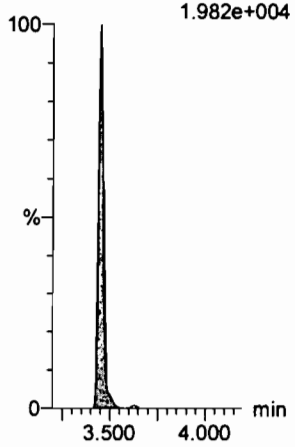
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

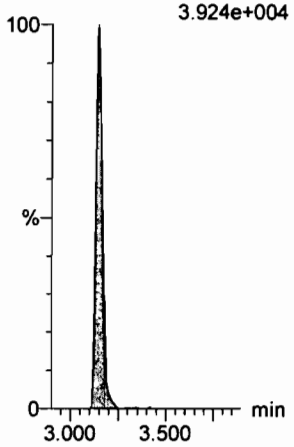
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.642e+004



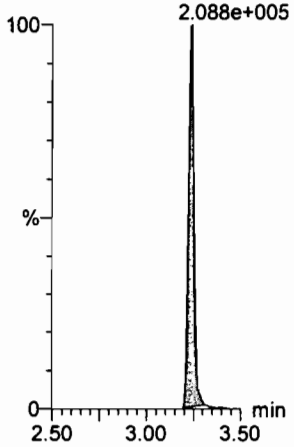
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.982e+004



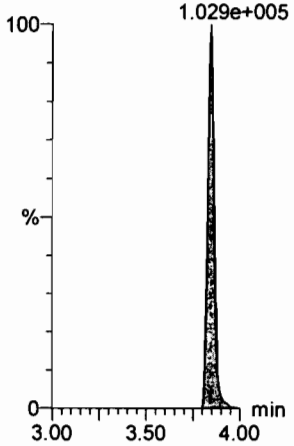
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.924e+004



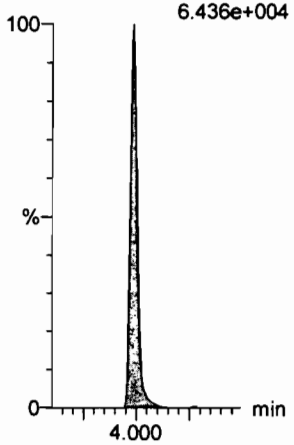
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.088e+005



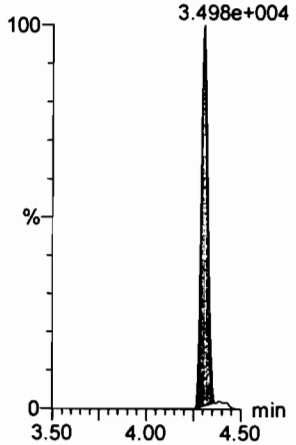
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.029e+005



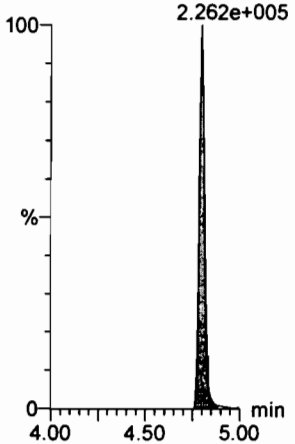
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
6.436e+004



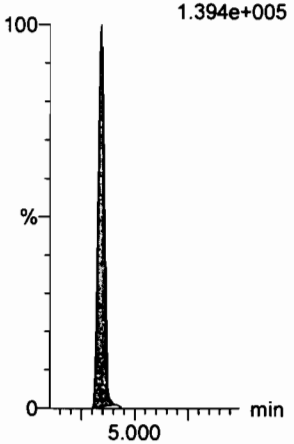
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.498e+004



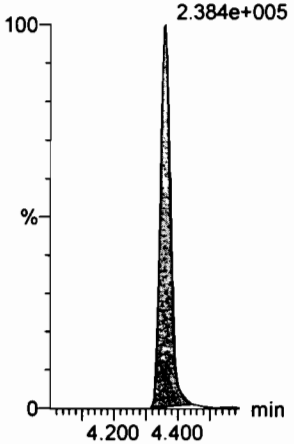
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.262e+005



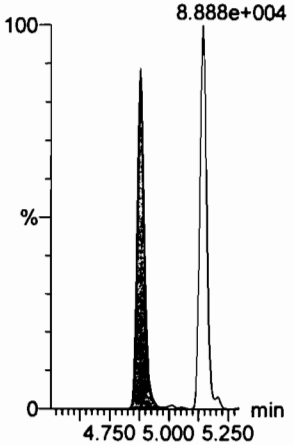
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.394e+005



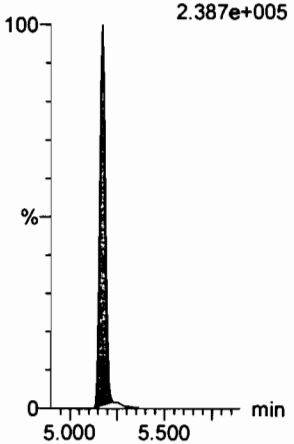
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.384e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
8.888e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.387e+005

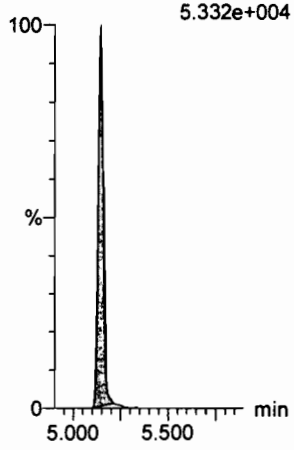


Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-CRV.qld

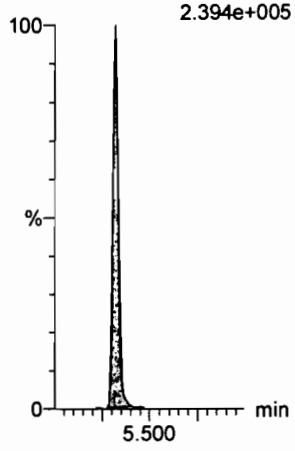
Last Altered: Sunday, July 05, 2020 13:06:11 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

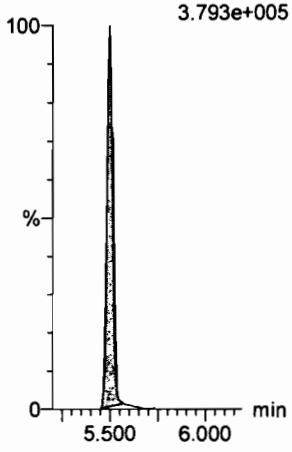
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.332e+004



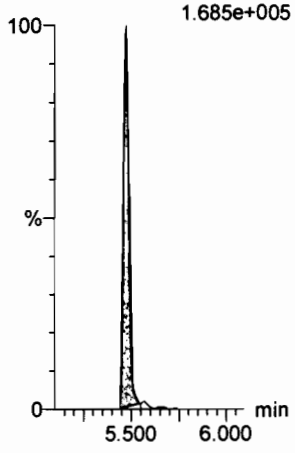
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.394e+005



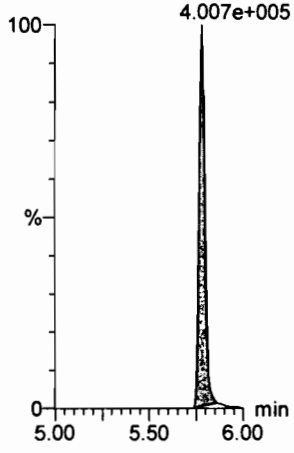
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
3.793e+005



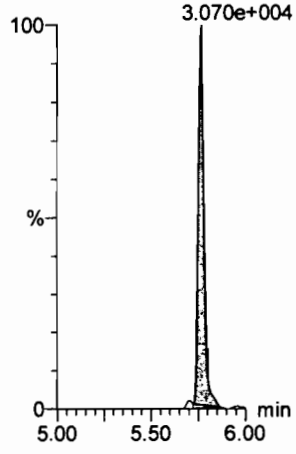
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
1.685e+005



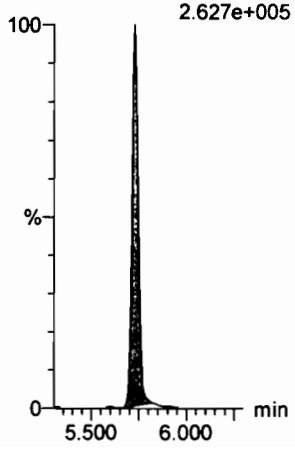
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
4.007e+005



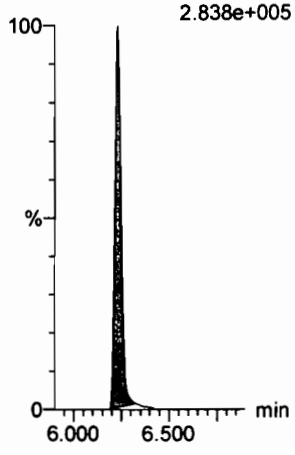
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.070e+004



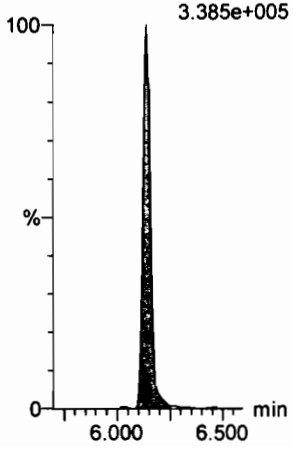
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
2.627e+005



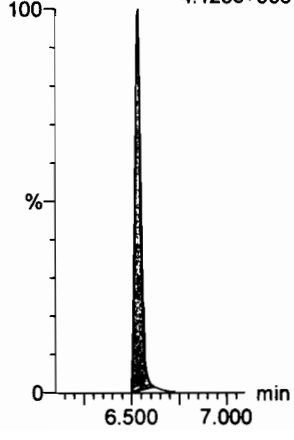
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
2.838e+005



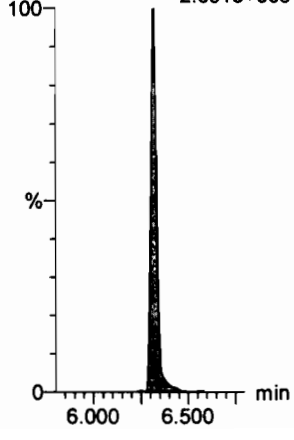
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.385e+005



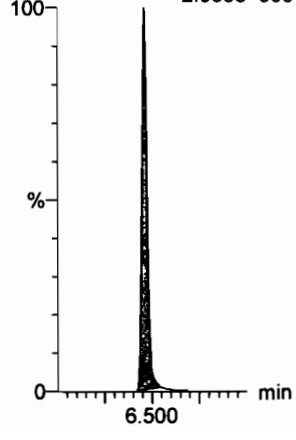
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
4.128e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.601e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.965e+005



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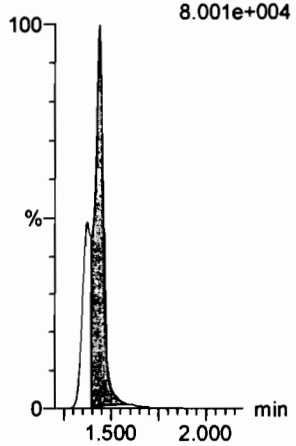
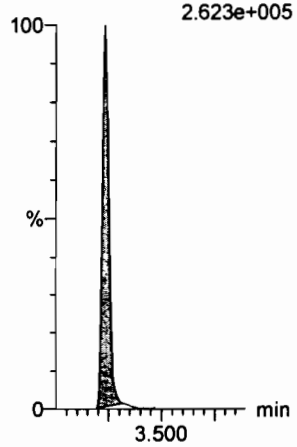
Printed: Sunday, July 05, 2020 13:08:10 Pacific Daylight Time

Name: 200702M1_12, Date: 02-Jul-2020, Time: 17:21:28, ID: ST200702M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

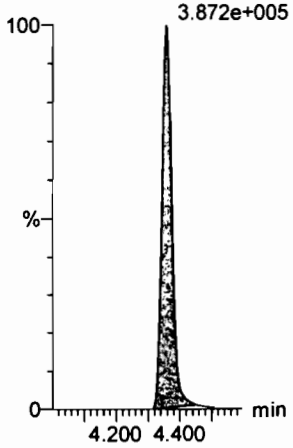
13C4-PFBA



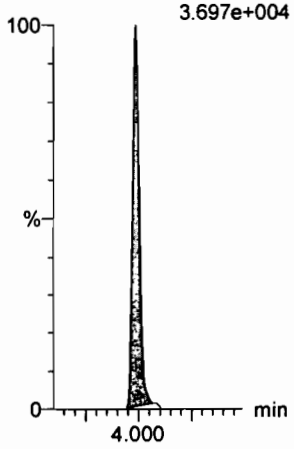
13C5-PFHxA



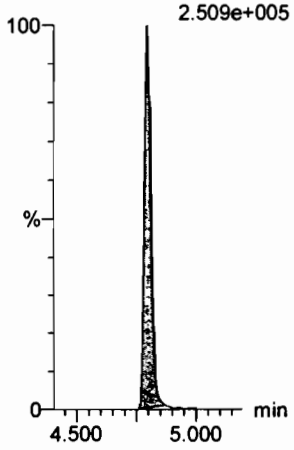
13C8-PFOA



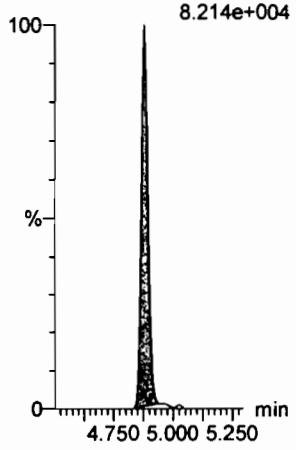
18O2-PFHxS



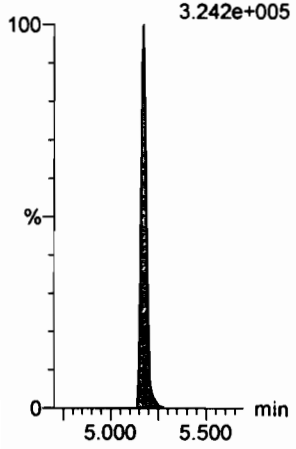
13C9-PFNA



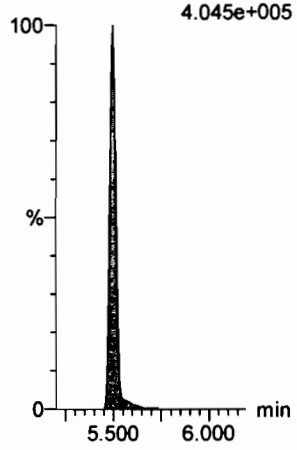
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-ICV.qld

Ⓐ Not in W.

Last Altered: Sunday, July 05, 2020 13:53:39 Pacific Daylight Time
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√ JR 07/06/2020

Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	3700.310	3119.200	1.00	1.44	14.829	10.000	9.85	98.5	NO		
2	2	PFPrS	248.9 > 79.9		1338.495	1.00			10.000		Ⓐ	NO		
3	3	3:3 FTCA	241.1 > 177.0		5127.566	1.00			10.000			NO		
4	4	PFPeA	263.1 > 218.9	3853.914	5127.566	1.00	2.41	9.395	10.000	9.91	99.1	NO		
5	5	PFBS	299.0 > 79.7	1734.370	1338.495	1.00	2.70	16.197	8.840	8.14	92.1	NO	2.714	NO
6	6	4:2 FTS	327.0 > 306.9	4787.604	2285.716	1.00	3.15	26.182	9.360	9.55	102.0	NO	1.969	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	3119.200		1.00	1.44	3119.200	12.500	13.0	103.9	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1338.495		1.00	2.70	1338.495	12.500	12.2	97.8	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5127.566		1.00	2.41	5127.566	12.500	12.7	101.3	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5127.566		1.00	2.41	5127.566	12.500	12.7	101.3	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1338.495		1.00	2.70	1338.495	12.500	12.2	97.8	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2285.716		1.00	3.15	2285.716	12.500	13.2	105.5	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	8609.693	8985.302	1.00	3.24	11.977	10.000	10.2	102.2	NO	16.675	NO
15	8	PFPeS	349.0 > 80.0	2149.479	1338.495	1.00	3.43	20.074	9.360	8.69	92.8	NO	1.536	NO
16	9	HFPO-DA	285.1 > 168.9	557.847	784.170	1.00	3.45	8.892	10.000	9.69	96.9	NO	1.941	NO
17	10	5:3 FTCA	340.9 > 236.9		5254.155	1.00			10.000		Ⓐ	NO		
18	11	PFHpA	363.0 > 318.9	5223.992	5254.155	1.00	3.84	12.428	10.000	9.97	99.7	NO	7.732	NO
19	12	ADONA	376.8 > 250.9	21953.457	5254.155	1.00	3.96	52.229	9.440	9.17	97.2	NO	3.436	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	8985.302		1.00	3.24	8985.302	12.500	12.2	97.4	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1338.495		1.00	2.70	1338.495	12.500	12.2	97.8	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	784.170		1.00	3.45	784.170	12.500	11.8	94.7	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5254.155		1.00	3.84	5254.155	12.500	13.4	107.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5254.155		1.00	3.84	5254.155	12.500	13.4	107.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5254.155		1.00	3.84	5254.155	12.500	13.4	107.2	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2318.505	3244.802	1.00	3.99	8.932	9.120	9.14	100.2	NO	1.669	NO
28	15	6:2 FTS	427 > 407.0	4165.783	1961.845	1.00	4.31	26.543	9.480	8.77	92.5	NO	2.053	NO
29	16	L-PFOA	412.8 > 368.9	15088.542	11829.507	1.00	4.36	15.944	10.000	10.2	102.0	NO	3.768	NO
30	18	PFecHS	460.8 > 381.0		11829.507	1.00			10.000		Ⓐ	NO		
31	19	PFHpS	448.9 > 80.0	2488.885	3363.140	1.00	4.47	9.251	9.520	10.3	108.6	NO	1.890	NO
32	20	7:3 FTCA	441.0 > 337.0		9654.033	1.00			10.000		Ⓐ	NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3244.802		1.00	3.99	3244.802	12.500	12.5	100.3	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1961.845		1.00	4.31	1961.845	12.500	13.3	106.3	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	11829.507		1.00	4.36	11829.507	12.500	12.5	100.1	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	11829.507		1.00	4.36	11829.507	12.500	12.5	100.1	NO		

CM 7/15/2020

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-ICV.qld

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Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3363.140		1.00	4.88	3363.140	12.500	11.8	94.2	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	9654.033		1.00	4.80	9654.033	12.500	12.6	100.9	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	10692.382	9654.033	1.00	4.80	13.844	10.000	9.90	99.0	NO	3.666	NO
41	22	PFOSA	498.0 > 78.0	4055.899	5605.218	1.00	4.85	9.045	10.000	9.68	96.8	NO	28.195	NO
42	23	L-PFOS	499 > 80	2231.487	3363.140	1.00	4.88	8.294	9.280	8.22	88.6	NO	1.755	NO
43	25	9Cl-PF30NS	531 > 351.0	8936.291	3363.140	1.00	5.10	33.214	9.320	9.10	97.6	NO	28.205	NO
44	26	PFDA	513 > 468.8	12382.667	10074.705	1.00	5.17	15.364	10.000	9.89	98.9	NO	5.056	NO
45	27	8:2 FTS	526.9 > 507.0	3767.984	2058.479	1.00	5.15	22.881	9.600	10.2	105.7	NO	1.514	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	9654.033		1.00	4.80	9654.033	12.500	12.6	100.9	NO		
47	67	13C8-PFOSA-EIS	506. > 78	5605.218		1.00	4.84	5605.218	12.500	13.9	111.6	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3363.140		1.00	4.88	3363.140	12.500	11.8	94.2	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3363.140		1.00	4.88	3363.140	12.500	11.8	94.2	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	10074.705		1.00	5.17	10074.705	12.500	12.5	99.8	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2058.479		1.00	5.15	2058.479	12.500	11.8	94.5	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	2650.382	3363.140	1.00	5.23	9.851	9.600	9.29	96.8	NO	1.721	NO
54	29	L-MeFOSAA	570 > 419	6914.120	9784.129	1.00	5.33	8.833	10.000	10.4	104.1	NO	2.701	NO
55	31	L-EtFOSAA	583.9 > 419	7122.545	8366.567	1.00	5.49	10.641	10.000	10.4	103.8	NO	1.431	NO
56	33	PFUdA	563.0 > 518.9	12455.235	16406.842	1.00	5.50	9.489	10.000	10.5	105.5	NO	6.380	NO
57	34	PFDS	599.0 > 80.0	2035.066	3363.140	1.00	5.55	7.564	9.640	9.23	95.8	NO	1.359	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	8168.885	19631.934	1.00	5.71	5.201	9.440	9.01	95.5	NO	21.982	NO
59	73	13C8-PFOS-EIS	507.0 > 80	3363.140		1.00	4.88	3363.140	12.500	11.8	94.2	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	9784.129		1.00	5.32	9784.129	12.500	12.2	97.8	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	8366.567		1.00	5.48	8366.567	12.500	11.7	93.7	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	16406.842		1.00	5.50	16406.842	12.500	11.8	94.6	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3363.140		1.00	4.88	3363.140	12.500	11.8	94.2	NO		
64	85	13C2-PFDoA-EIS	615 > 570	19631.934		1.00	5.78	19631.934	12.500	12.6	101.0	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		1673.064	1.00			10.000		(B)	NO		
67	37	PFDoA	612.9 > 569.0	15688.532	19631.934	1.00	5.78	9.989	10.000	9.99	99.9	NO	7.454	NO
68	38	N-MeFOSA	512.1 > 168.9		11671.613	1.00			9.600		(A)	NO		
69	39	PFTrDA	662.9 > 618.9	14439.621	19631.934	1.00	6.03	9.194	10.000	9.58	95.8	NO	8.644	NO
70	40	PFDoS	698.9 > 80		12150.421	1.00			10.000		(K)	NO		
71	41	PFTeDA	713.0 > 669.0	15019.893	12150.421	1.00	6.23	15.452	10.000	9.70	97.0	NO	14.208	NO
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1673.064		1.00	5.77	1673.064	12.500	12.9	102.8	NO		

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Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	19631.934		1.00	5.78	19631.934	12.500	12.6	101.0	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	11671.613		1.00	5.73	11671.613	149.200	157	104.9	NO		
75	85	13C2-PFDoA-EIS	615 > 570	19631.934		1.00	5.78	19631.934	12.500	12.6	101.0	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	12150.421		1.00	6.23	12150.421	12.500	12.0	95.9	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	12150.421		1.00	6.23	12150.421	12.500	12.0	95.9	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		15985.178	1.00			9.600			NO		
80	43	PFHxDA	813.1 > 768.6		18285.719	1.00			10.000			NO		
81	44	PFODA	913.1 > 868.8		18285.719	1.00			10.000			NO		
82	45	N-MeFOSE	616.1 > 58.9		9054.930	1.00			9.600			NO		
83	46	N-EtFOSE	630.1 > 58.9		10065.884	1.00			9.600			NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3116.692	4543.123	1.00	1.44	8.575	12.500	13.0	103.7	NO		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	15985.178		1.00	6.14	15985.178	149.200	145	97.2	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	18285.719		1.00	6.54	18285.719	12.500	12.4	98.8	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	18285.719		1.00	6.54	18285.719	12.500	12.4	98.8	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	9054.930		1.00	6.32	9054.930	149.200	144	96.4	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	10065.884		1.00	6.46	10065.884	149.200	155	103.9	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	5127.566	11789.686	1.00	2.41	5.436	12.500	12.0	96.2	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1336.697	1780.365	1.00	2.70	9.385	12.500	12.4	98.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	784.170	11789.686	1.00	3.45	0.831	12.500	11.9	95.1	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	2285.716	1780.365	1.00	3.15	16.048	12.500	13.0	104.0	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	8986.396	11789.686	1.00	3.24	9.528	12.500	12.0	96.3	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5255.757	11789.686	1.00	3.84	5.572	12.500	12.2	97.4	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3244.802	1780.365	1.00	3.99	22.782	12.500	12.6	100.9	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1961.845	3598.153	1.00	4.31	6.815	12.500	12.5	100.2	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	9654.033	10719.143	1.00	4.80	11.258	12.500	12.7	101.8	NO		
100	68	13C8-PFOSA-RSD	506. > 78	5603.316	20425.715	1.00	4.84	3.429	12.500	12.9	103.5	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	11829.507	20448.393	1.00	4.36	7.231	12.500	12.0	96.3	NO		
102	74	13C8-PFOS-RSD	507.0 > 80	3363.140	3598.153	1.00	4.88	11.684	12.500	11.1	88.7	NO		
103	76	13C2-PFDA-RSD	515.1 > 469.9	10074.705	13975.319	1.00	5.17	9.011	12.500	12.6	101.0	NO		
104	-1													
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2058.479	3598.153	1.00	5.15	7.151	12.500	11.3	90.2	NO		
106	80	d3-N-MeFOSAA-RSD	573. > 419	9781.848	20425.715	1.00	5.32	5.986	12.500	12.1	96.9	NO		
107	82	13C2-PFUdA-RSD	565 > 519.8	16406.842	20425.715	1.00	5.50	10.041	12.500	11.7	93.4	NO		
108	84	d5-N-EtFOSAA-RSD	589. > 419	8366.567	20425.715	1.00	5.48	5.120	12.500	12.3	98.1	NO		

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Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	19631.934	13975.319	1.00	5.78	17.559	12.500	13.3	106.6	NO		
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1725.852	3598.153	1.00	5.77	5.996	12.500	13.5	107.8	NO		
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	11675.975	20425.715	1.00	5.73	7.145	149.200	146	97.6	NO		
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	12150.421	20425.715	1.00	6.23	7.436	12.500	11.8	94.3	NO		
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	15985.178	20425.715	1.00	6.14	9.783	149.200	139	93.3	NO		
114	96	13C2-PFHxDA-RSD	815 > 769.7	18285.719	20425.715	1.00	6.54	11.190	12.500	12.1	96.5	NO		
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	9054.930	20425.715	1.00	6.32	5.541	149.200	136	91.2	NO		
116	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10065.884	20425.715	1.00	6.46	6.160	149.200	144	96.3	NO		
117	-1													
118	1...	13C4-PFBA	217.0 > 172.0	4543.123	4543.123	1.00	1.44	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	11789.686	11789.686	1.00	3.24	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	20448.393	20448.393	1.00	4.36	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0	1780.365	1780.365	1.00	3.99	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	10719.143	10719.143	1.00	4.80	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	3598.153	3598.153	1.00	4.88	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	13975.319	13975.319	1.00	5.17	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	20425.715	20425.715	1.00	5.50	12.500	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-ICV.qld

Last Altered: Sunday, July 05, 2020 13:52:14 Pacific Daylight Time
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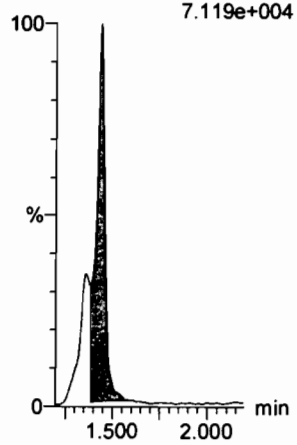
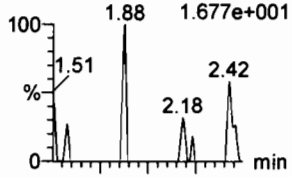
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070120_ICV.mdb 02 Jul 2020 10:09:04
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-02-20.cdb 05 Jul 2020 13:33:13

Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

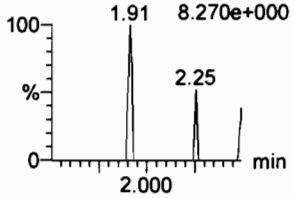
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
7.119e+004



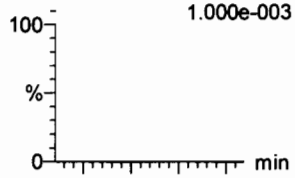
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
1.677e+001



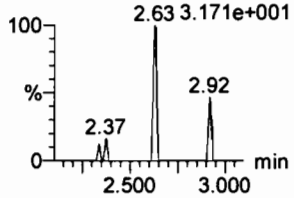
F6:MRM of 2 channels,ES-
248.9 > 98.9
8.270e+000



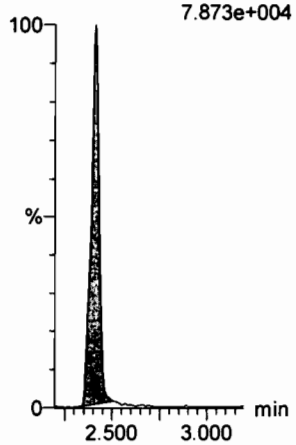
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
1.000e-003



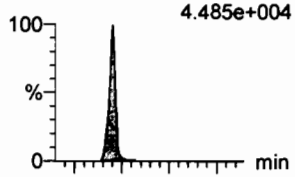
F5:MRM of 2 channels,ES-
241.1 > 117.0
2.63 3.171e+001



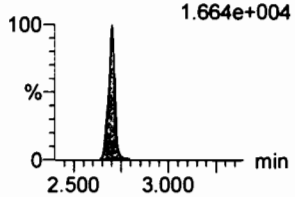
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
7.873e+004



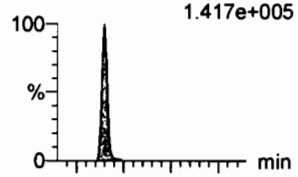
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
4.485e+004



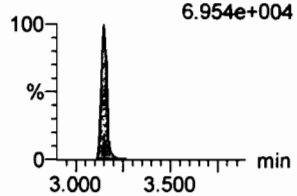
F11:MRM of 2 channels,ES-
299.0 > 99.0
1.664e+004



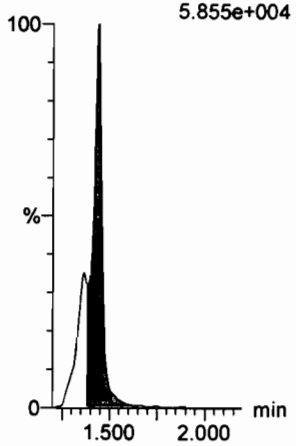
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.417e+005



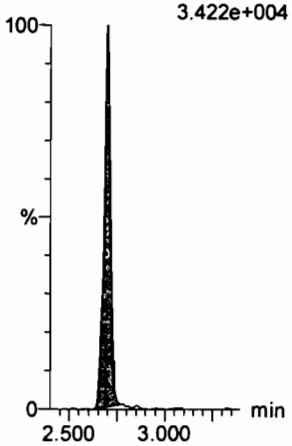
F16:MRM of 2 channels,ES-
327.0 > 80.9
6.954e+004



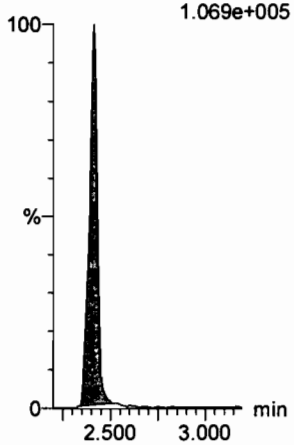
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.855e+004



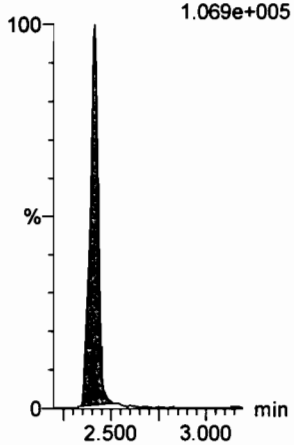
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.422e+004



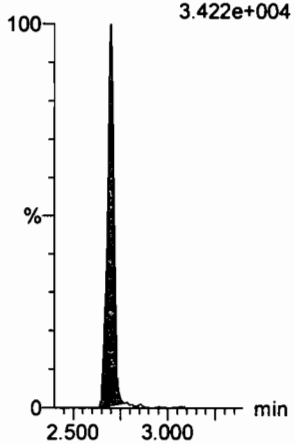
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.069e+005



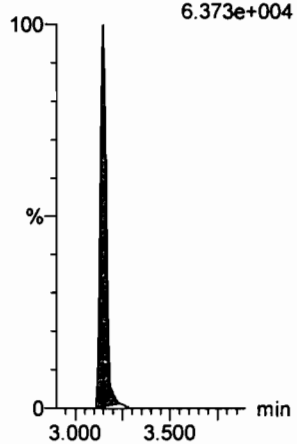
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.069e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.422e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.373e+004



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-ICV.qld

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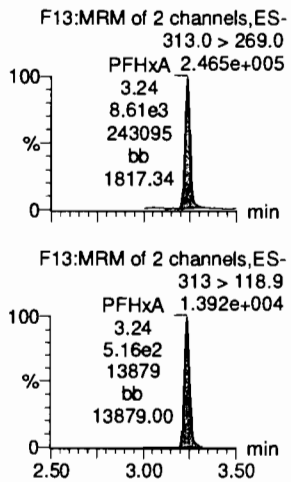
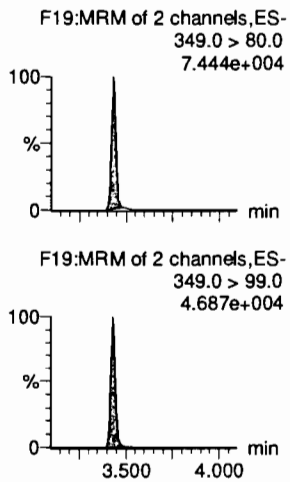
Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

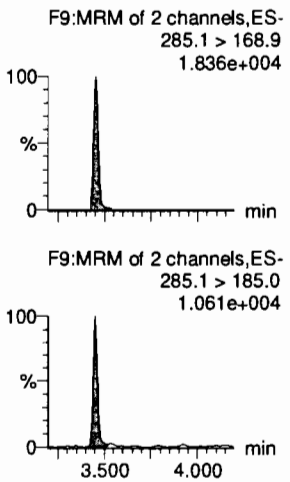
PFHxA



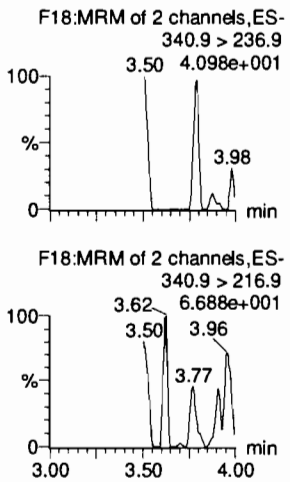
PFPeS



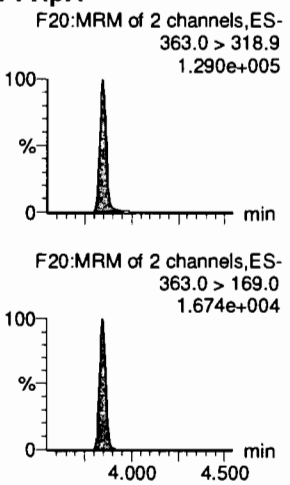
HFPO-DA



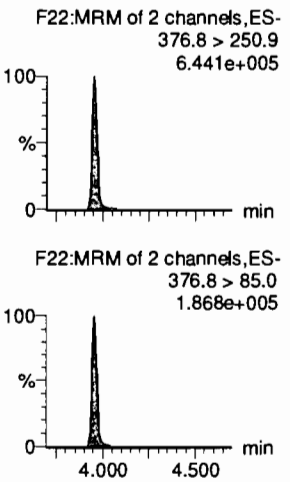
5:3 FTCA



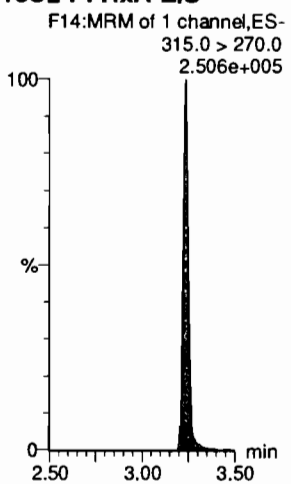
PFHpA



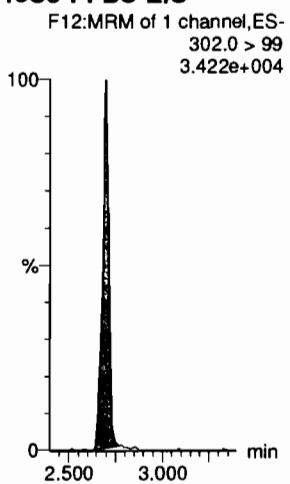
ADONA



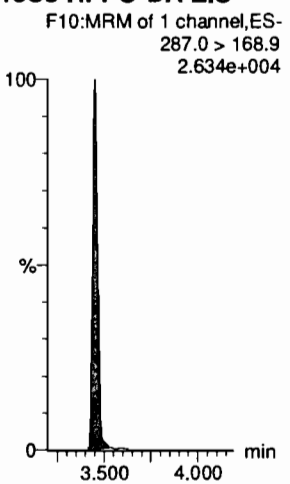
13C2-PFHxA-EIS



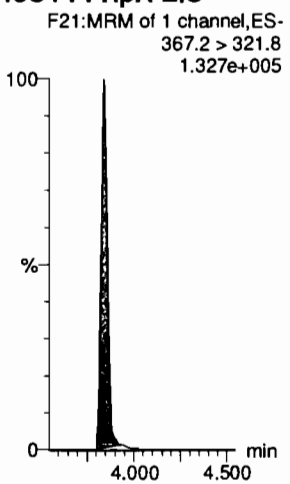
13C3-PFBS-EIS



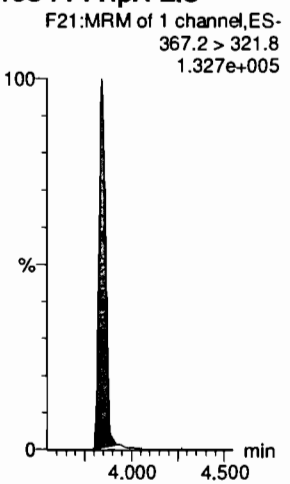
13C3-HFPO-DA-EIS



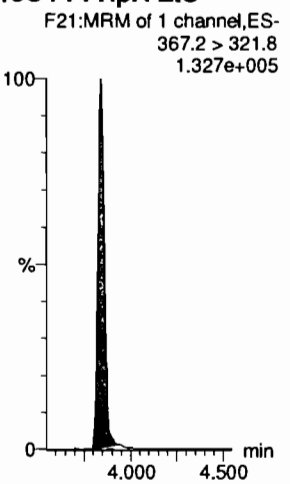
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-ICV.qld

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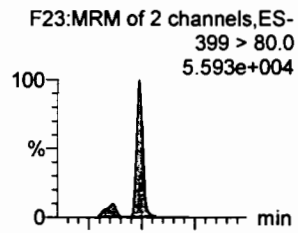
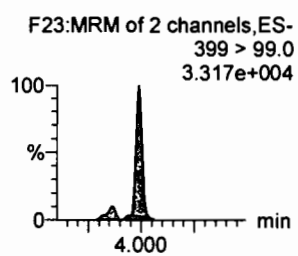
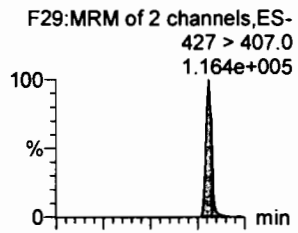
Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

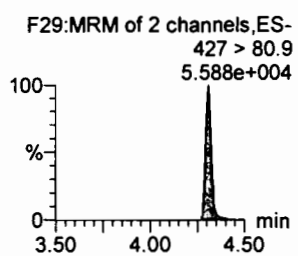
L-PFHxS



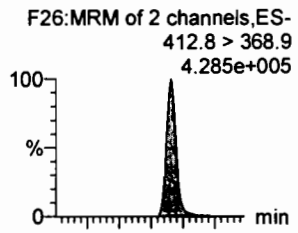


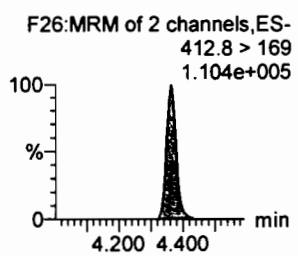
6:2 FTS



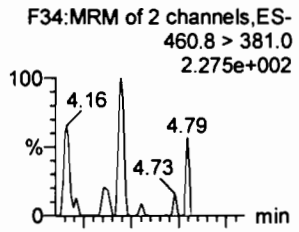


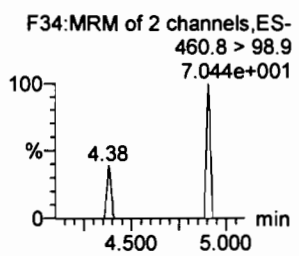
L-PFOA



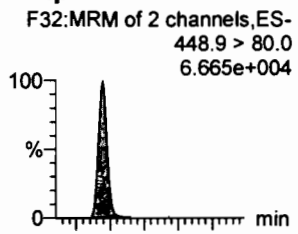


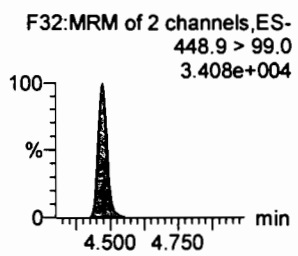
PFEChS



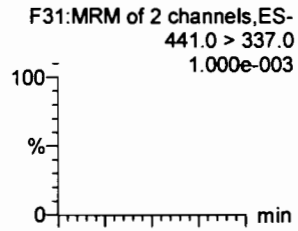


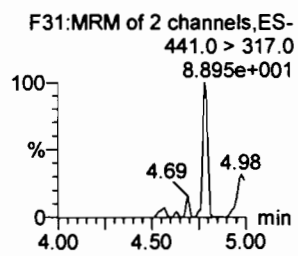
PFHpS



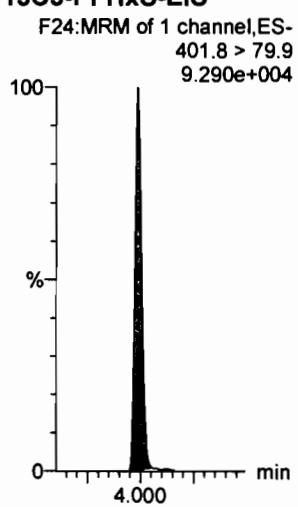


7:3 FTCA

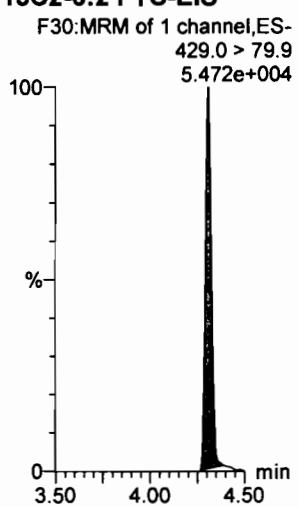




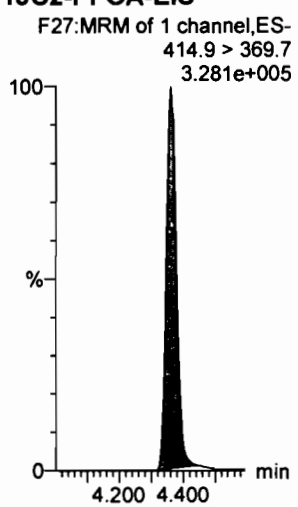
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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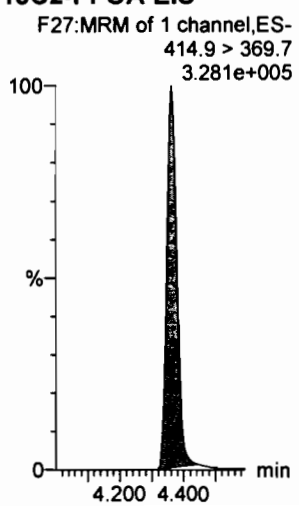
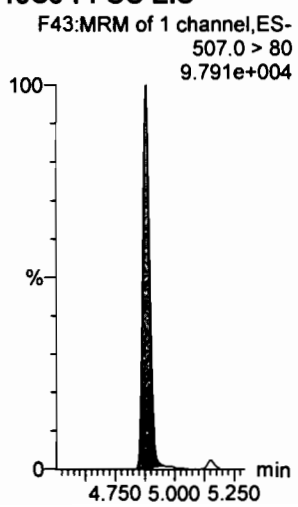
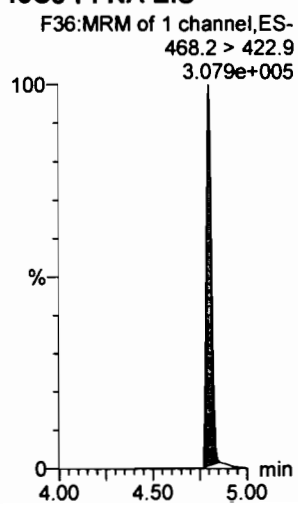


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Sunday, July 05, 2020 13:52:14 Pacific Daylight Time
Printed: Sunday, July 05, 2020 13:52:35 Pacific Daylight Time

Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

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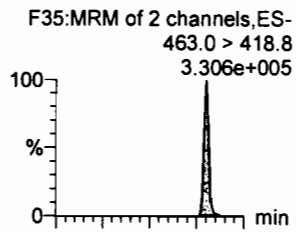

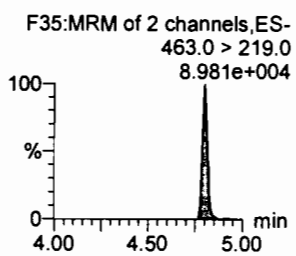

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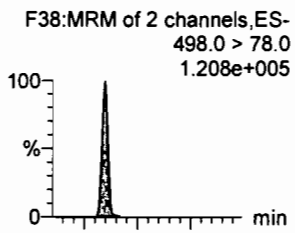

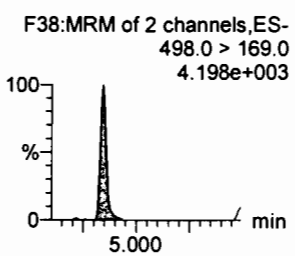

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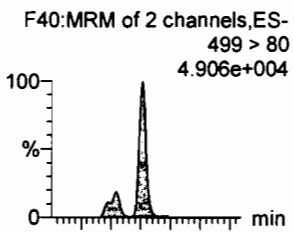
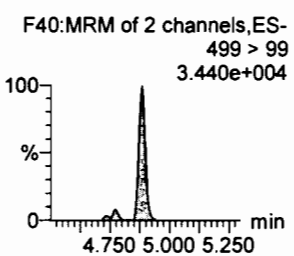
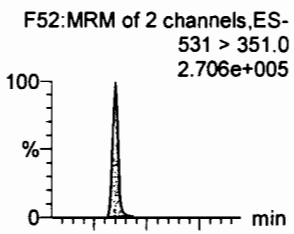
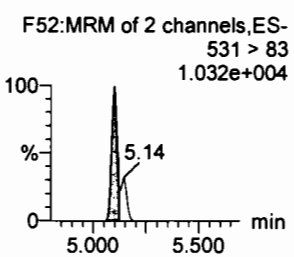




9Cl-PF30NS





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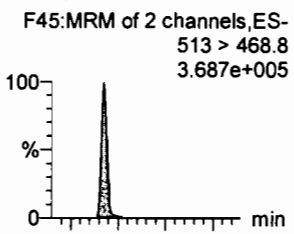
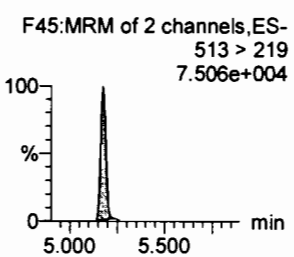
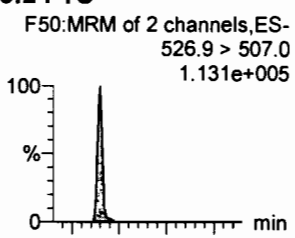
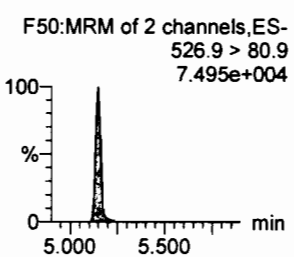


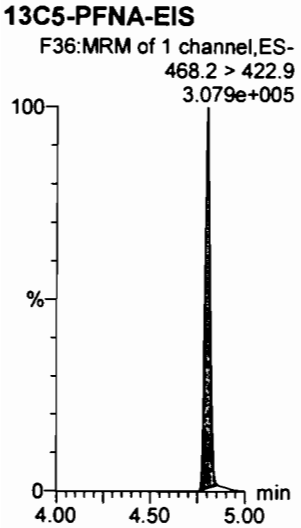


8:2 FTS





13C5-PFNA-EIS



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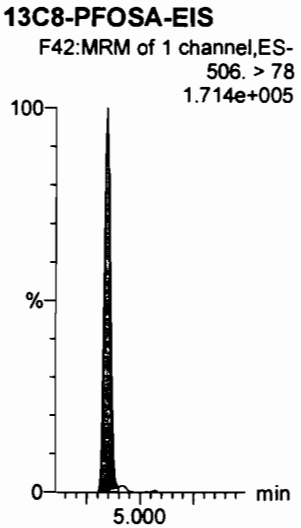

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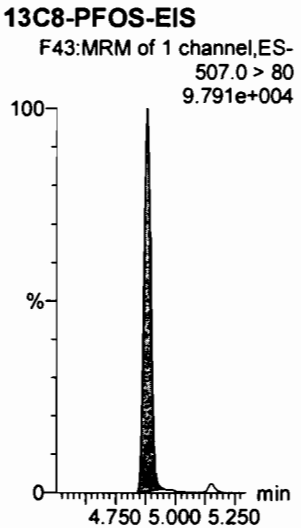

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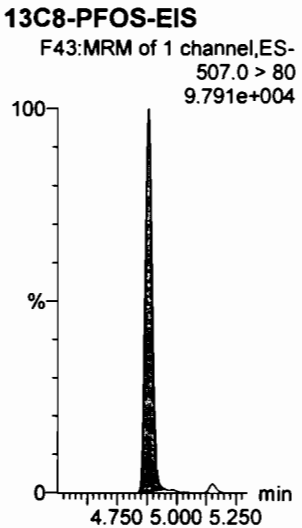

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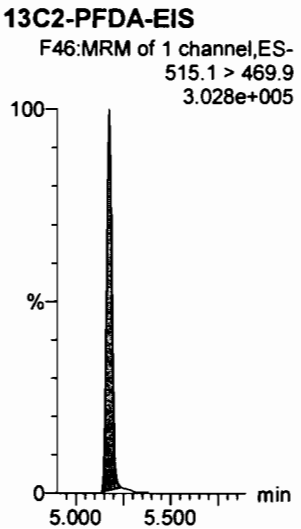
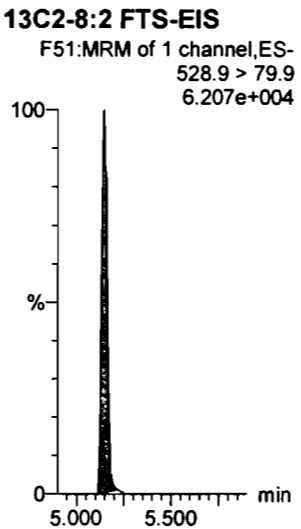


13C2-8:2 FTS-EIS



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Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

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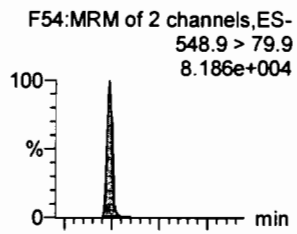

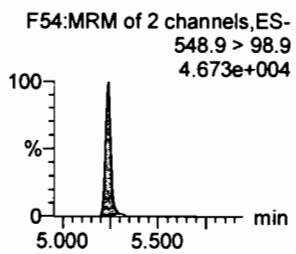

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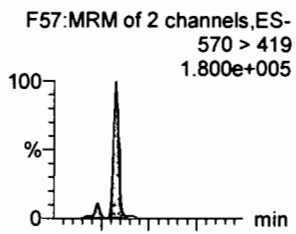

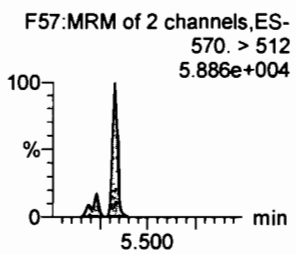

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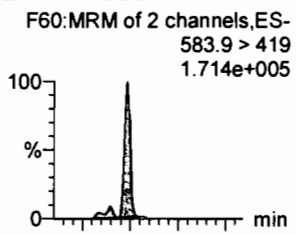

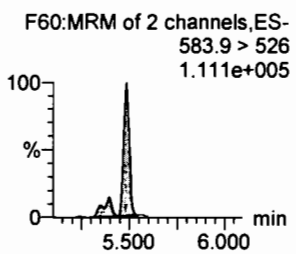

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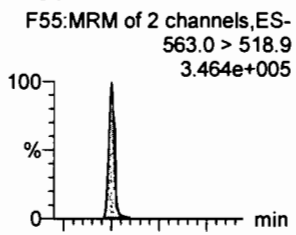

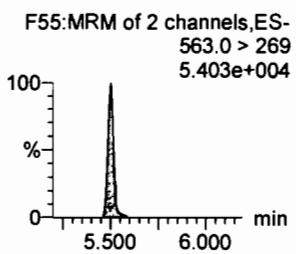

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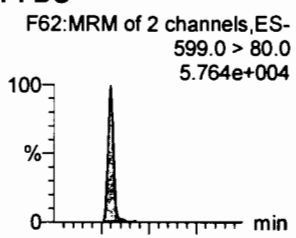

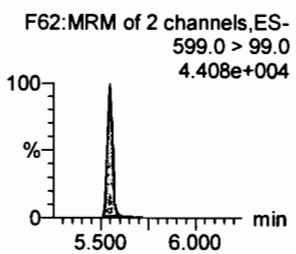

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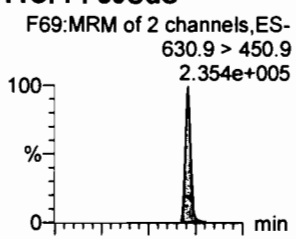
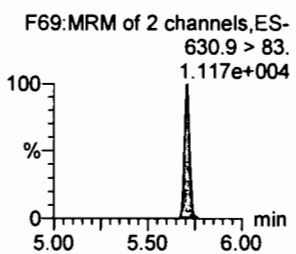
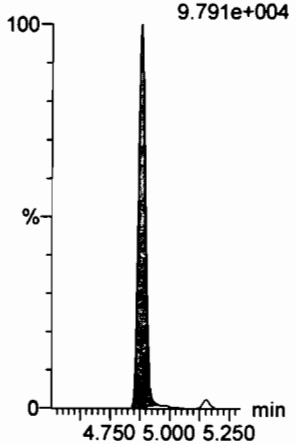




13C8-PFOS-EIS



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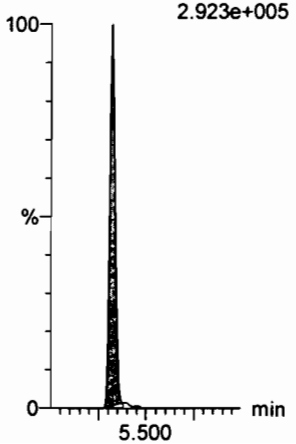

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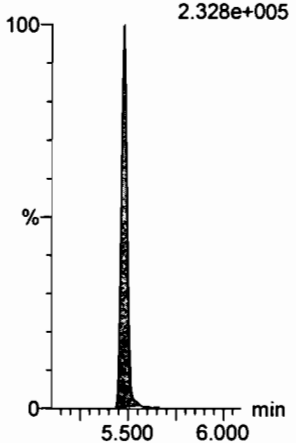

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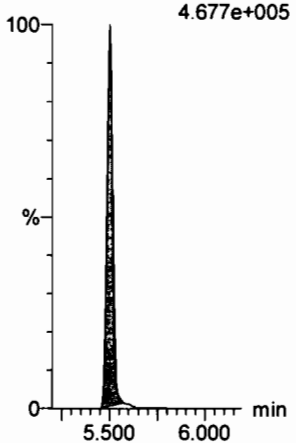

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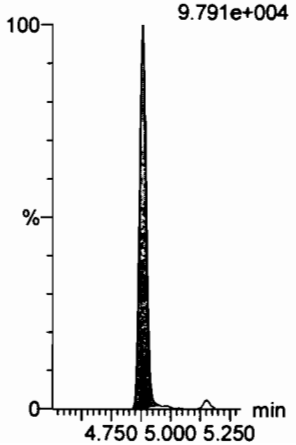

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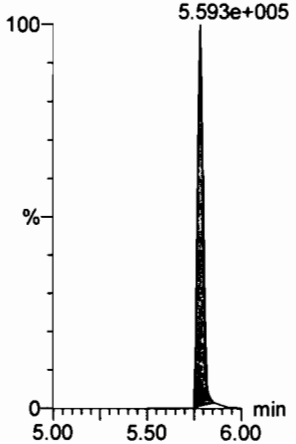

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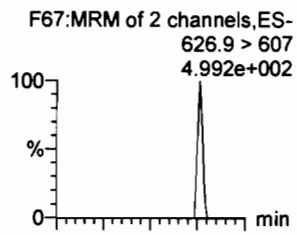
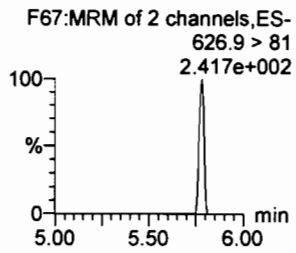
10:2 FTS





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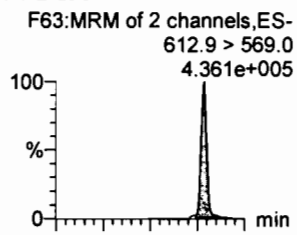
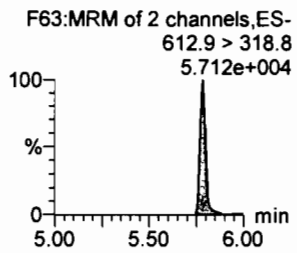
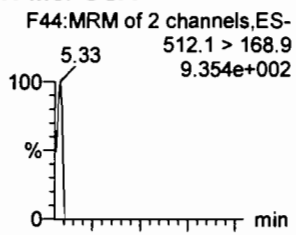
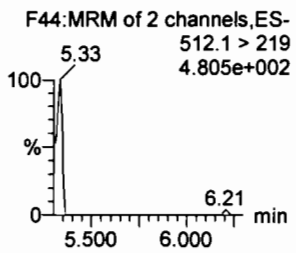




N-MeFOSA





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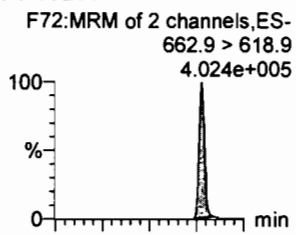
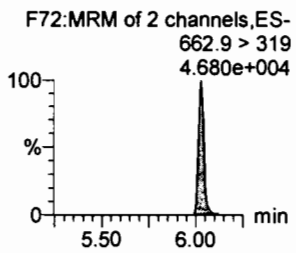
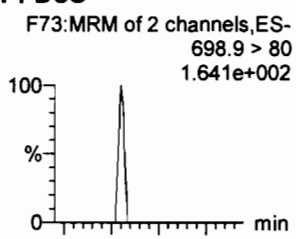
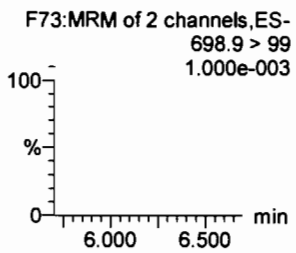




PFDoS





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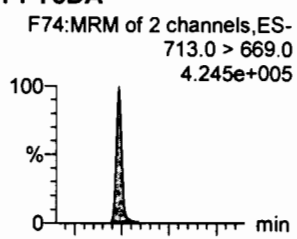

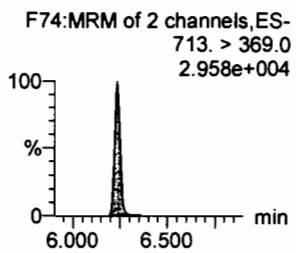

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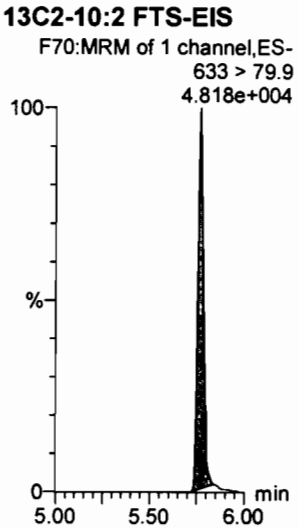
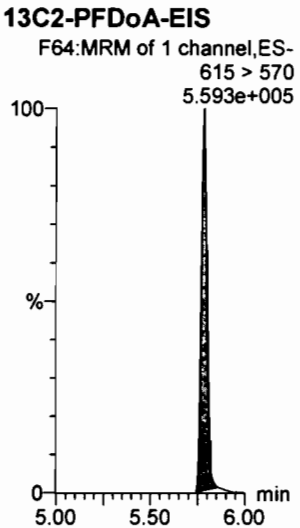
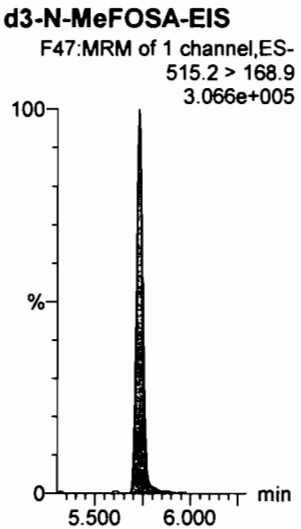


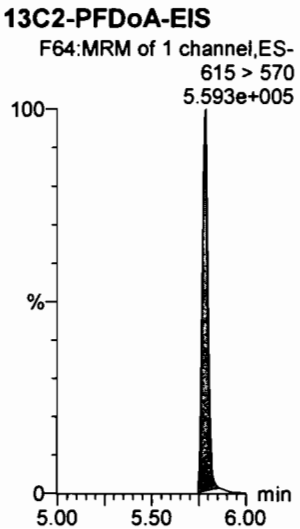
13C2-PFDoA-EIS



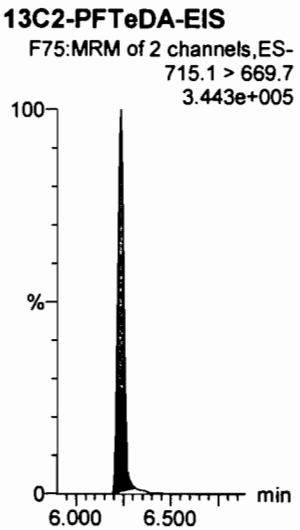
d3-N-MeFOSA-EIS



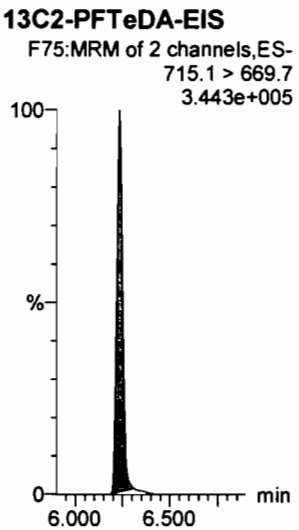
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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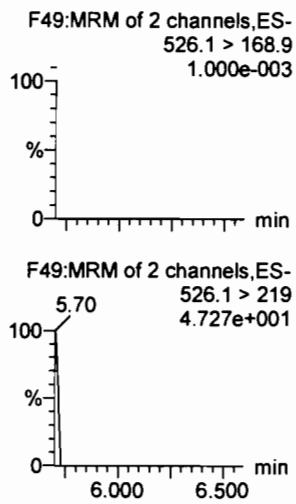
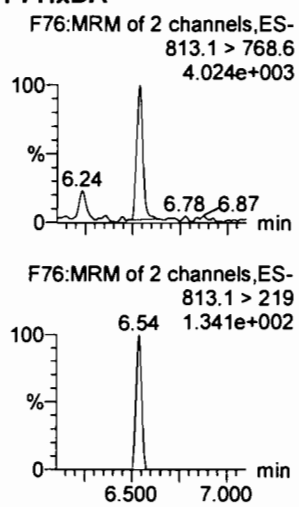
Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

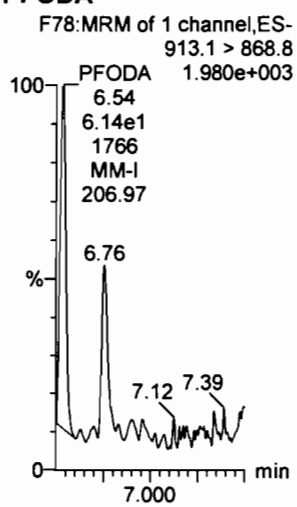
N-EtFOSA



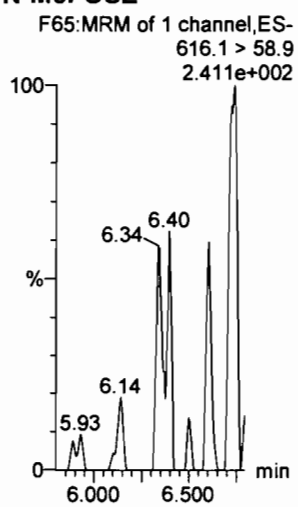
PFHxDA



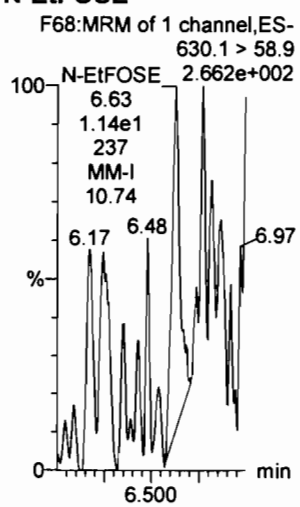
PFODA



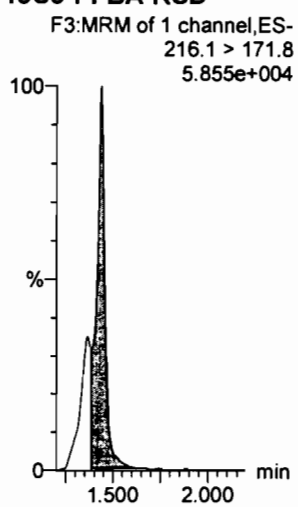
N-MeFOSE



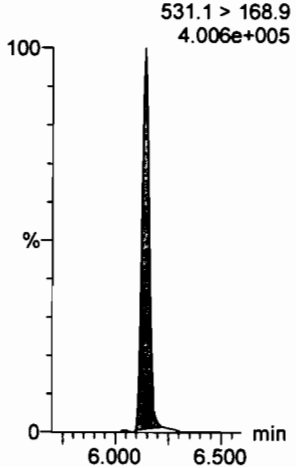
N-EtFOSE



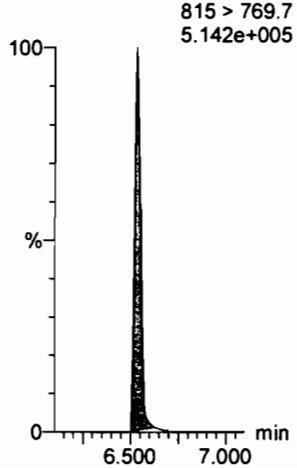
13C3-PFBA-RSD



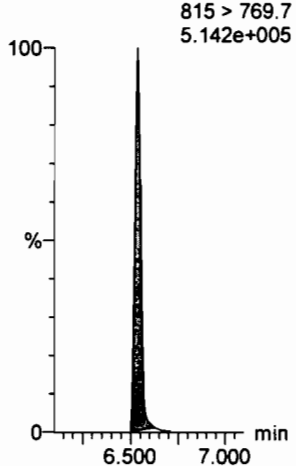
d5-N-ETFOSA-EIS



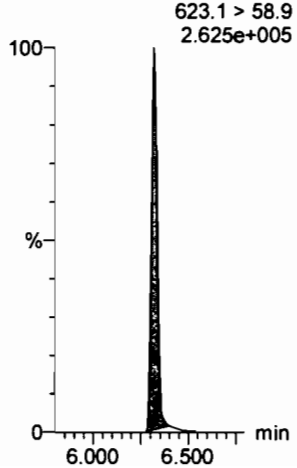
13C2-PFHxDA-EIS



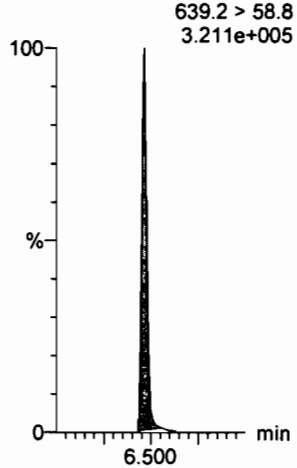
13C2-PFHxDA-EIS



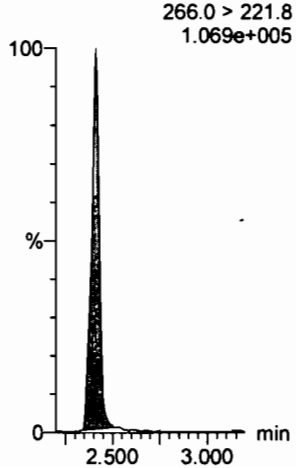
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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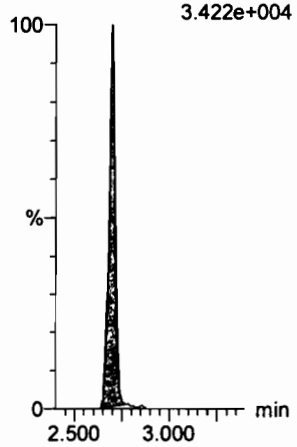
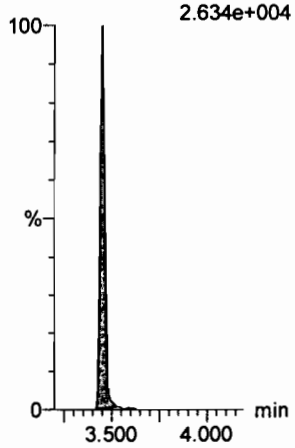
Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

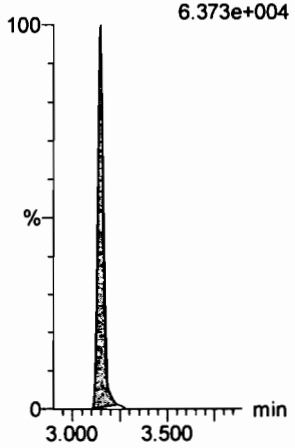
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.422e+004



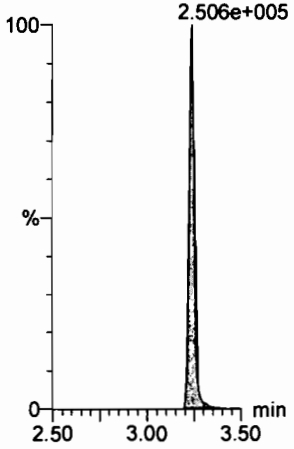
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.634e+004



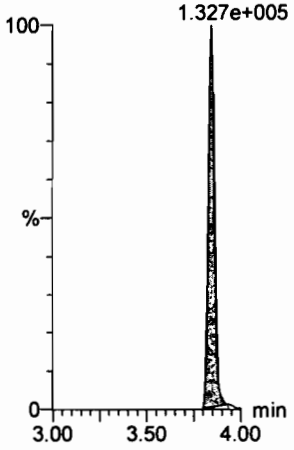
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.373e+004



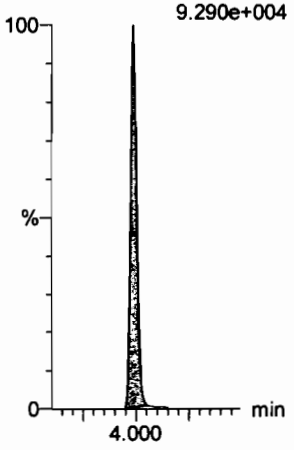
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.506e+005



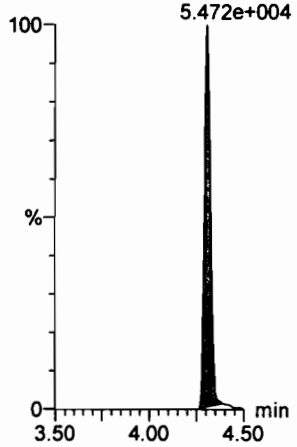
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.327e+005



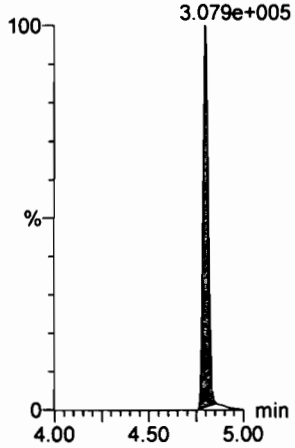
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.290e+004



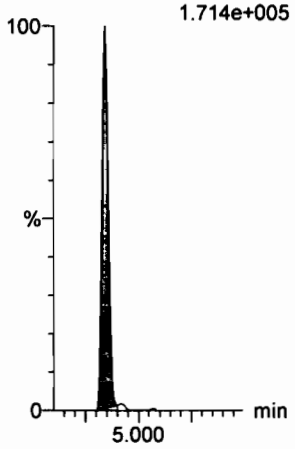
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.472e+004



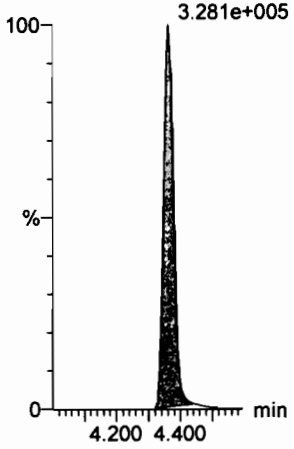
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.079e+005



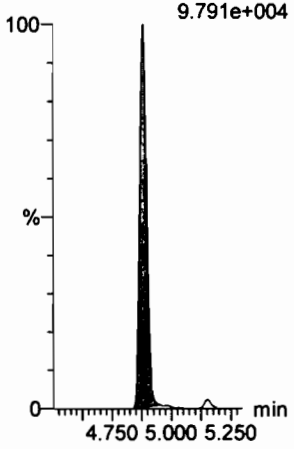
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.714e+005



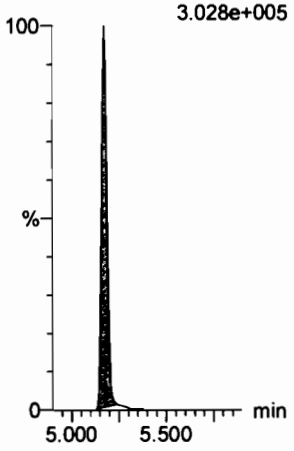
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.281e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.791e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.028e+005



Dataset: F:\Projects\PFAS.PRO\Results\200702M1\200702M1-ICV.qld

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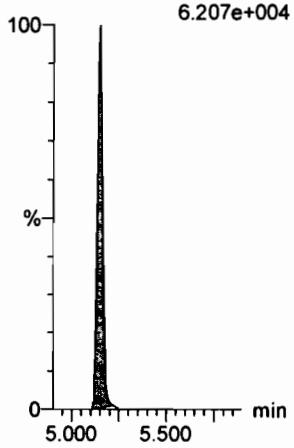
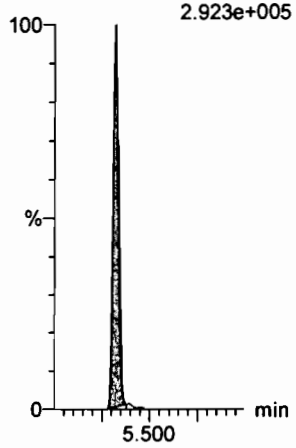
Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

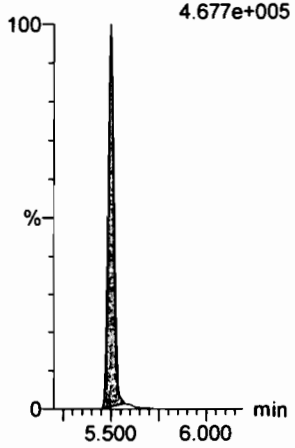
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.207e+004



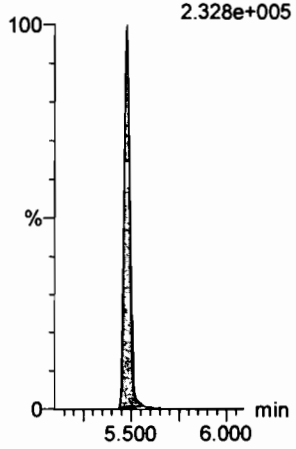
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.923e+005



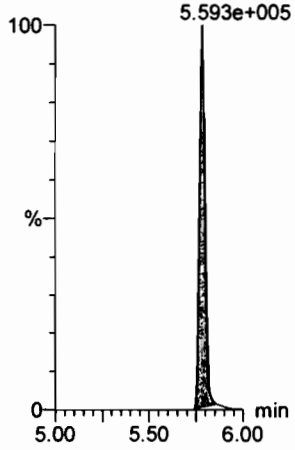
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.677e+005



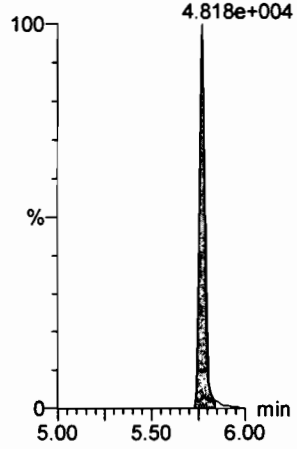
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.328e+005



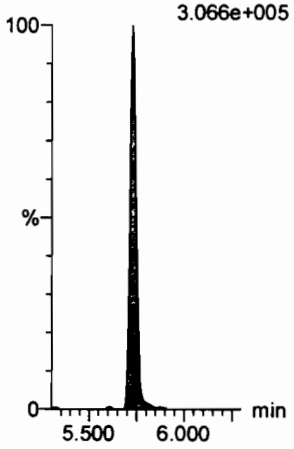
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.593e+005



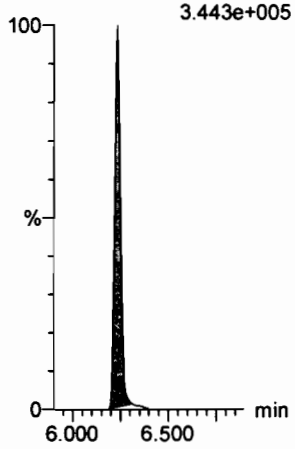
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.818e+004



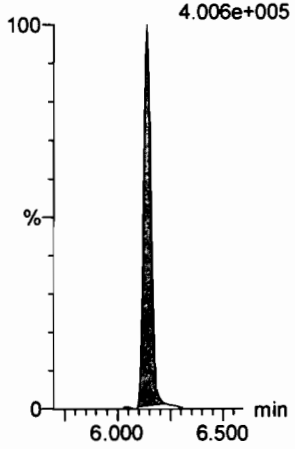
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.066e+005



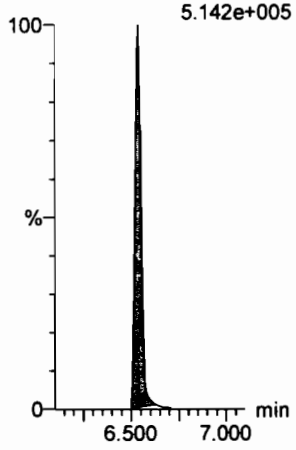
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.443e+005



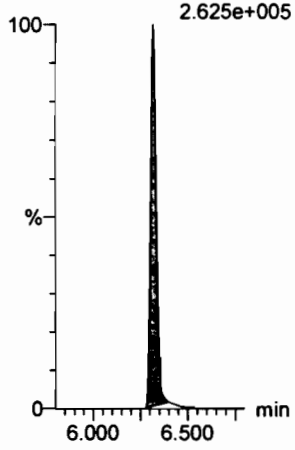
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.006e+005



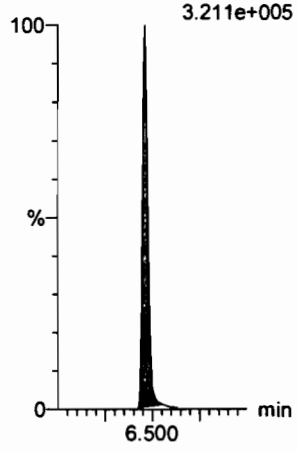
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.142e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.625e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.211e+005



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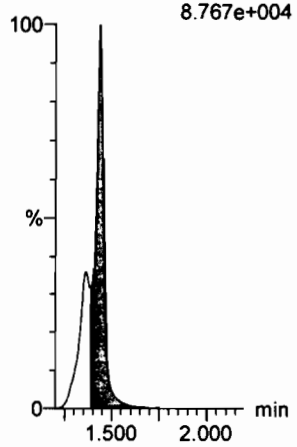
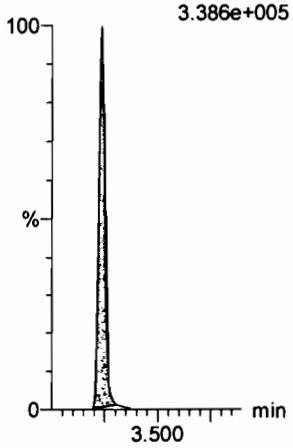
Name: 200702M1_14, Date: 02-Jul-2020, Time: 17:42:13, ID: ICV200702M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

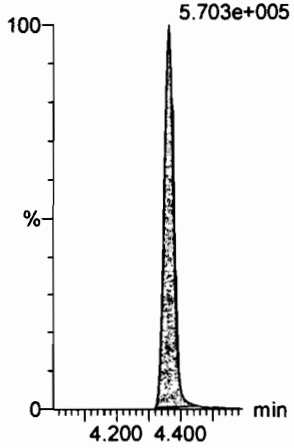
13C4-PFBA



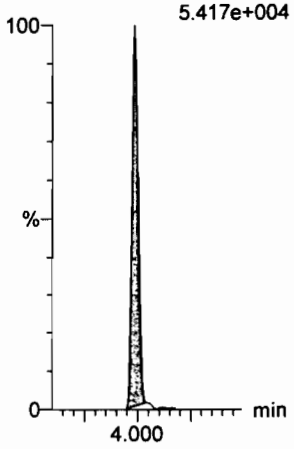
13C5-PFHxA



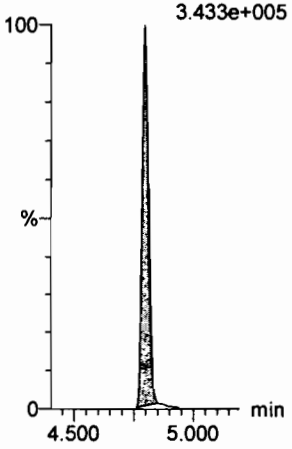
13C8-PFOA



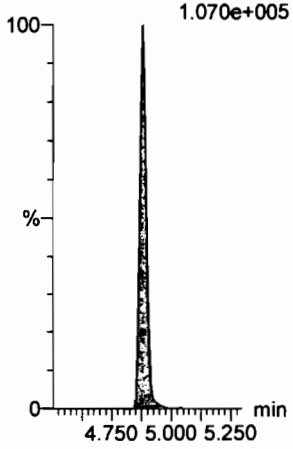
18O2-PFHxS



13C9-PFNA



13C4-PFOS



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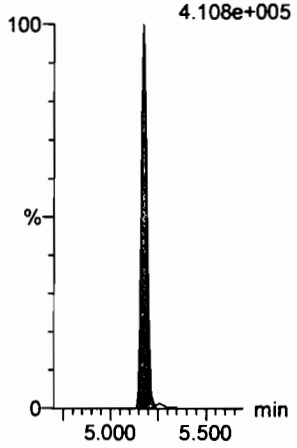

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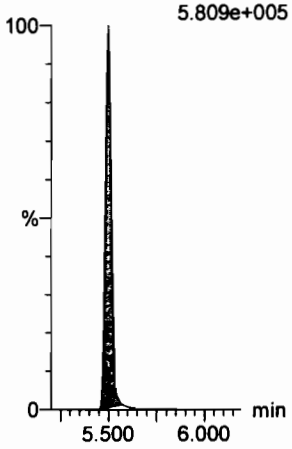

Vista Analytical Laboratory

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Printed: Sunday, July 05, 2020 17:18:14 Pacific Daylight Time

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Name: 200702M1_13, Date: 02-Jul-2020, Time: 17:31:50, ID: IB, Description: IB

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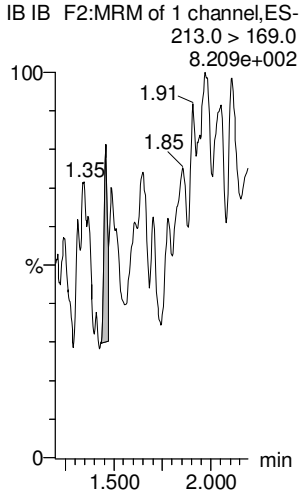

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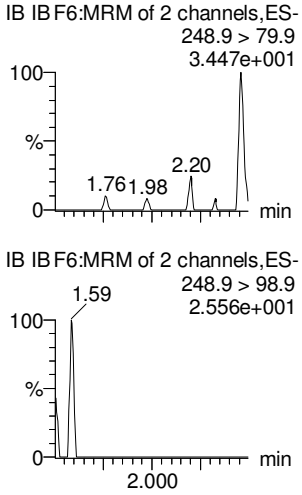
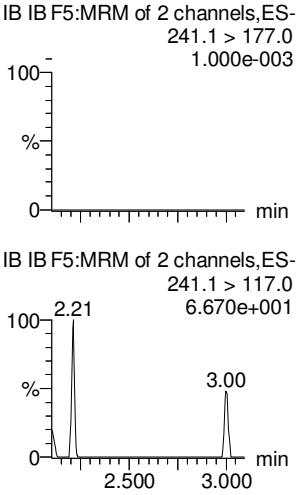


3:3 FTCA



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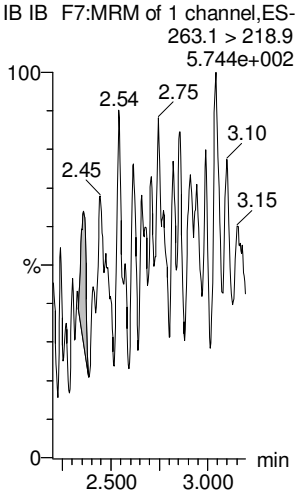

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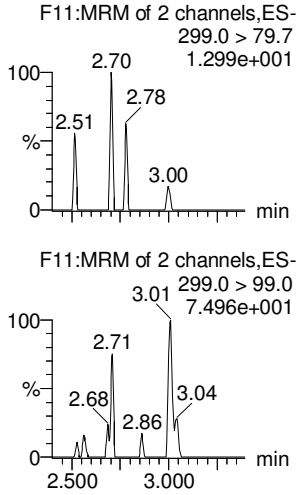
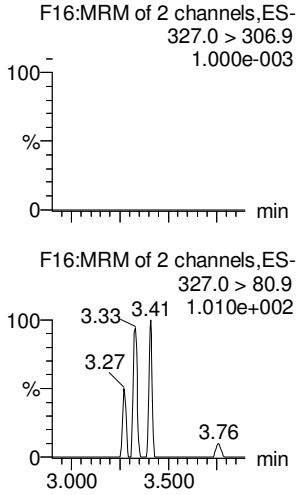
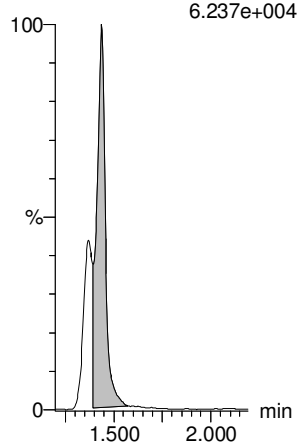


4:2 FTS



13C3-PFBA-EIS



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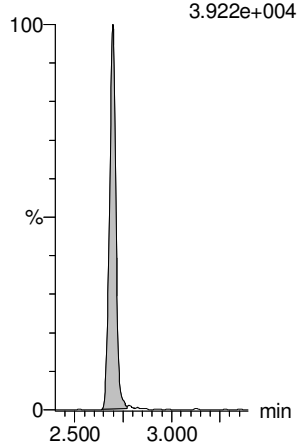

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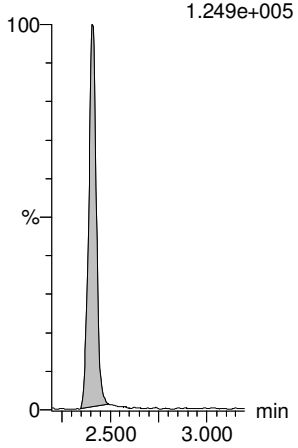

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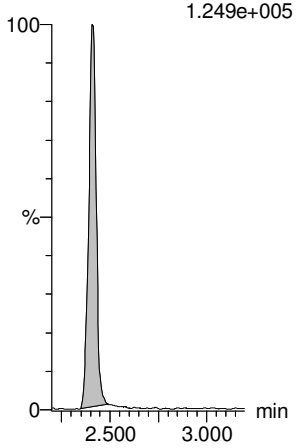

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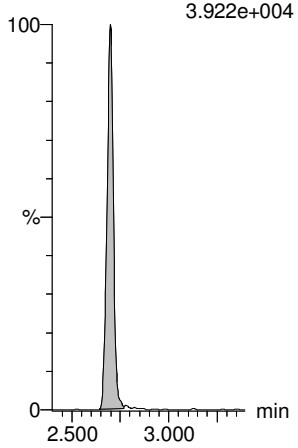

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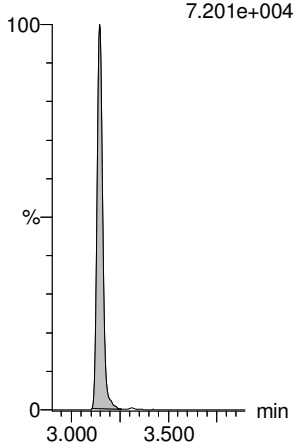

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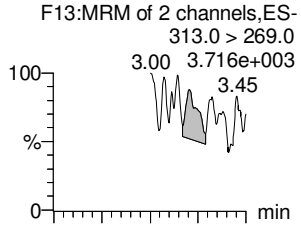
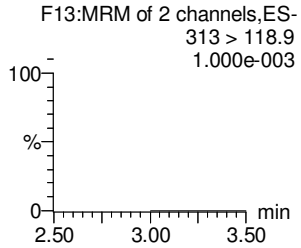
PFHxA





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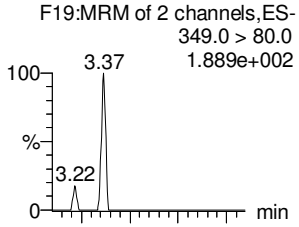

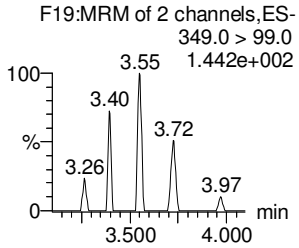

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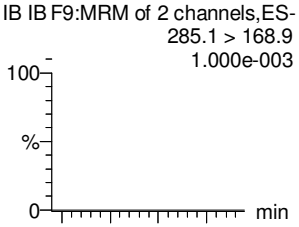
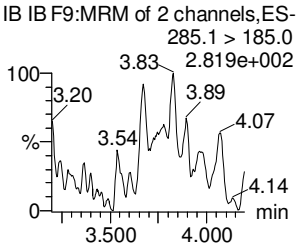
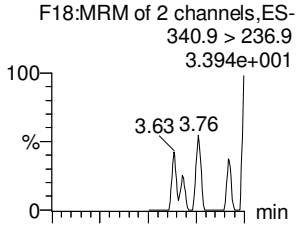
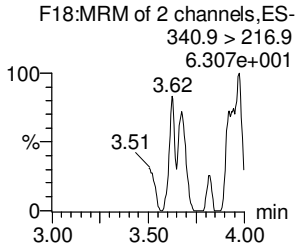




5:3 FTCA





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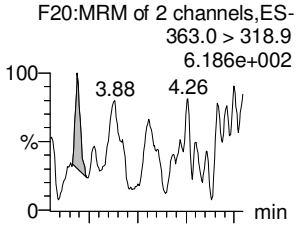

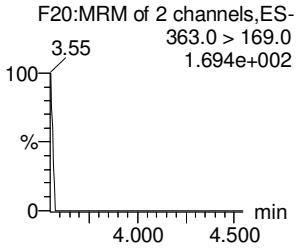

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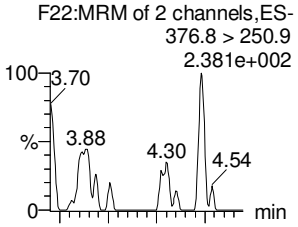

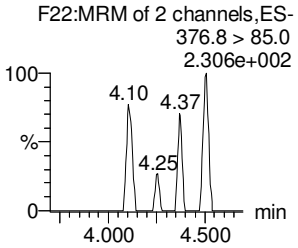

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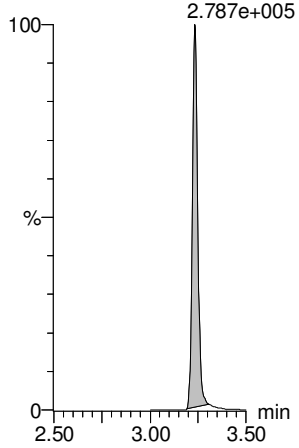
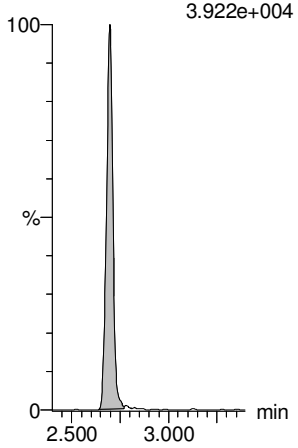


13C3-PFBS-EIS



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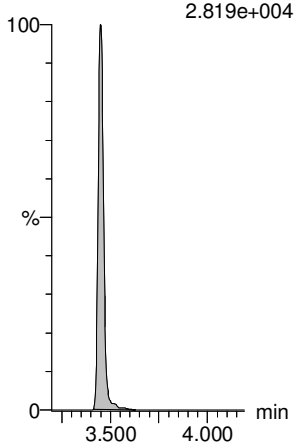

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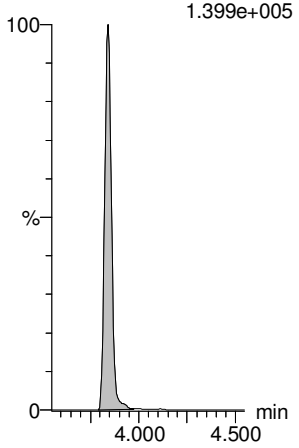

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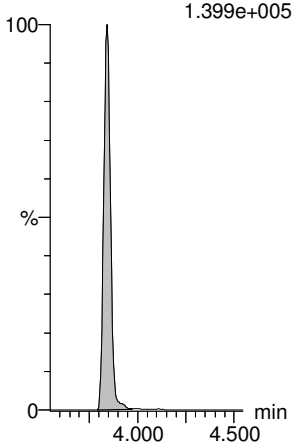

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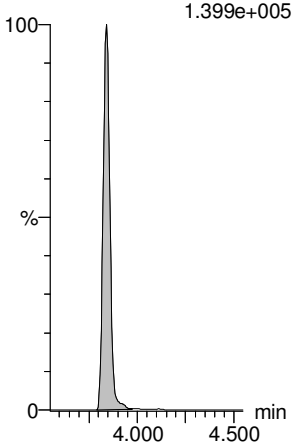

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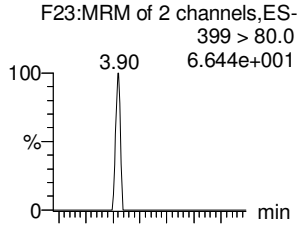
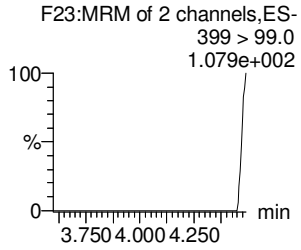
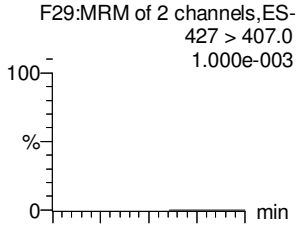
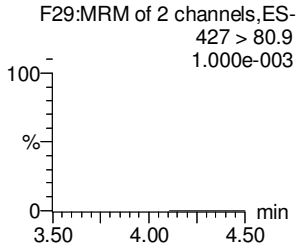
L-PFHxS





6:2 FTS





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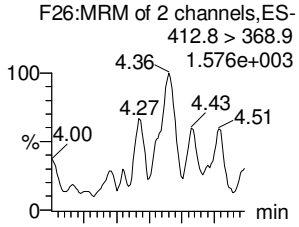

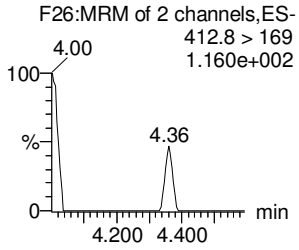

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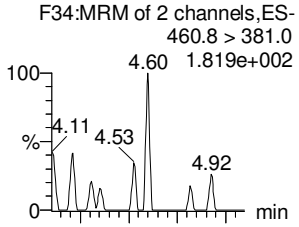

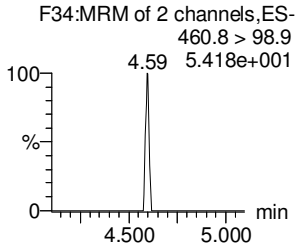

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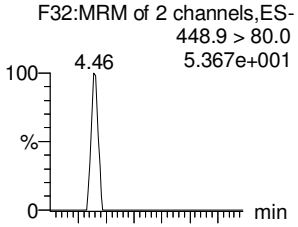
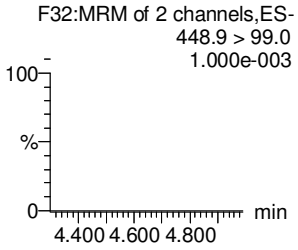
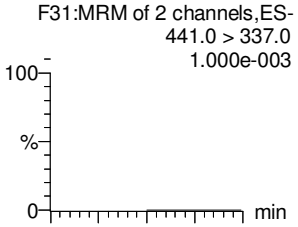
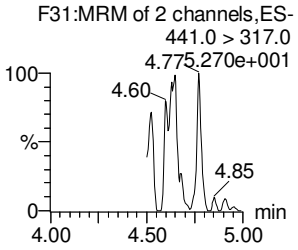




7:3 FTCA





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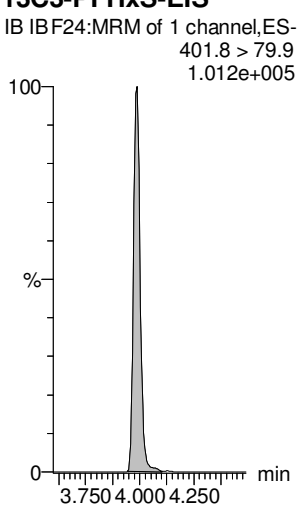
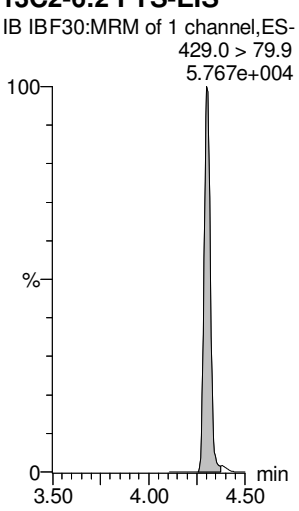


13C2-6:2 FTS-EIS



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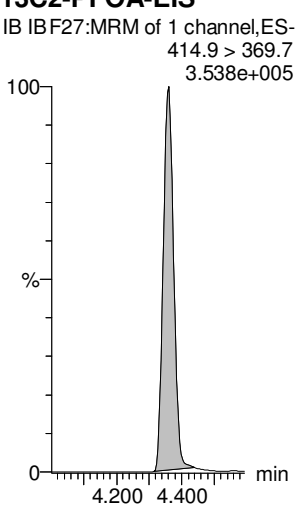

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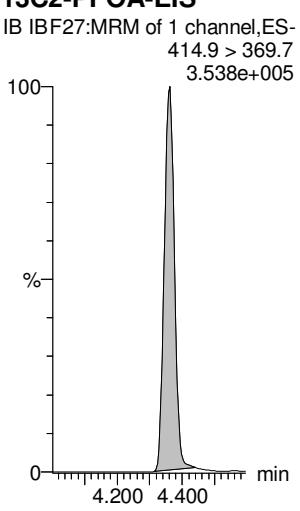

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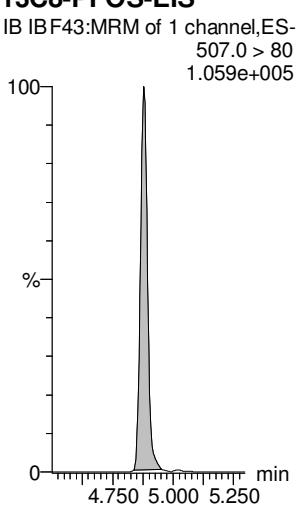

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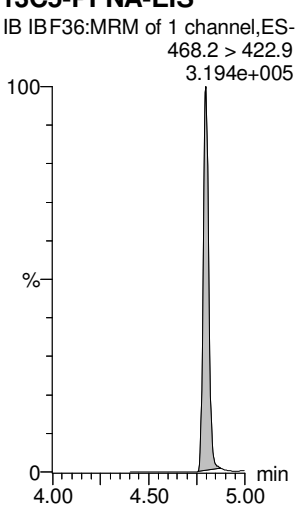

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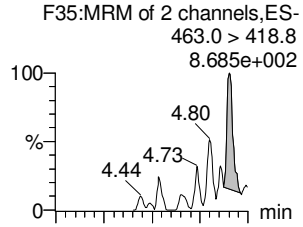
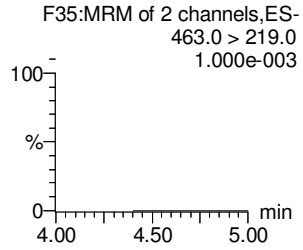
Name: 200702M1_13, Date: 02-Jul-2020, Time: 17:31:50, ID: IB, Description: IB

PFNA





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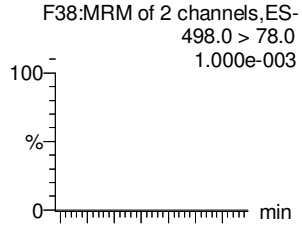

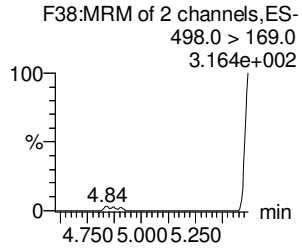

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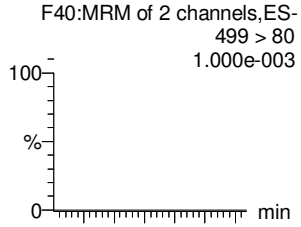

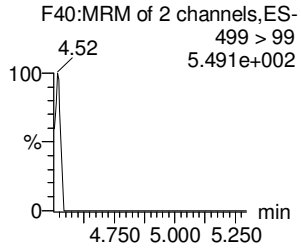

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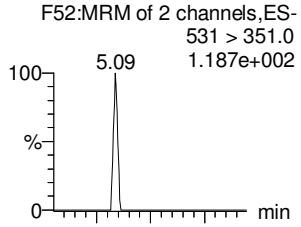

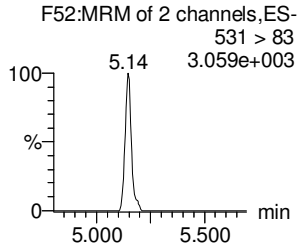

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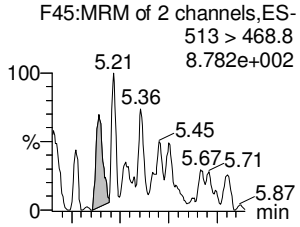

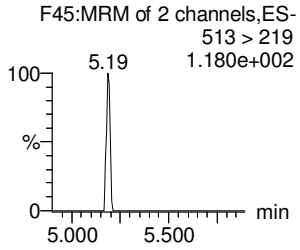

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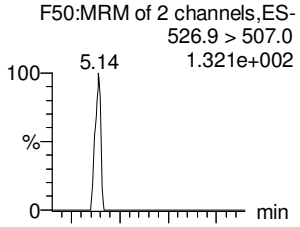

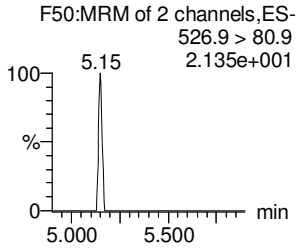

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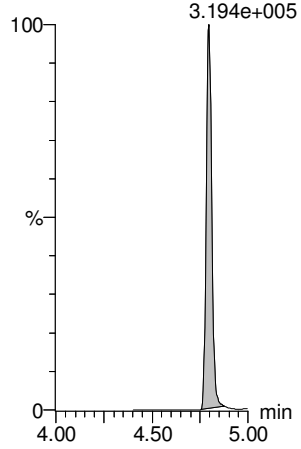

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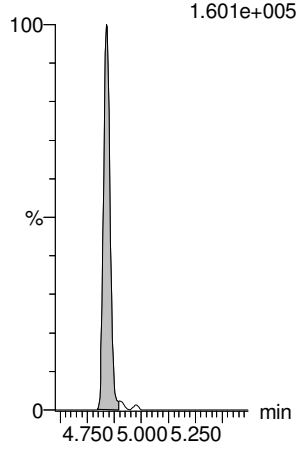

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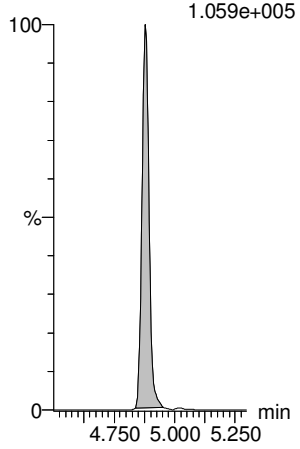

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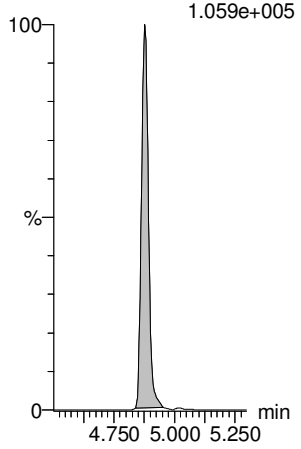

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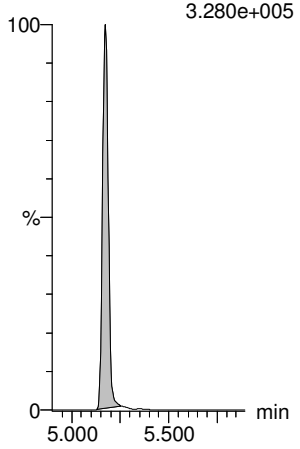
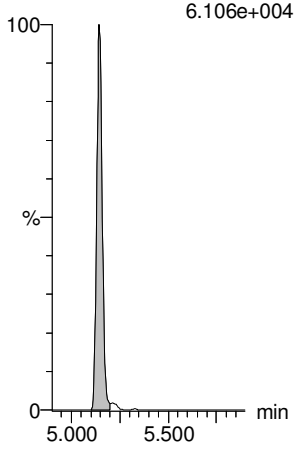


13C2-8:2 FTS-EIS



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Name: 200702M1_13, Date: 02-Jul-2020, Time: 17:31:50, ID: IB, Description: IB

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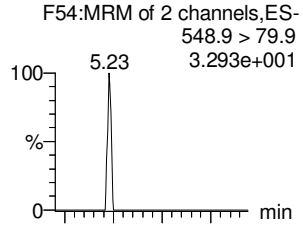

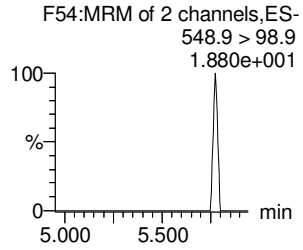

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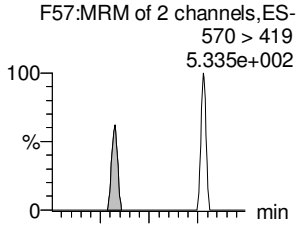

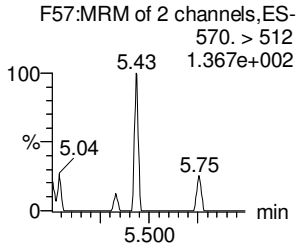

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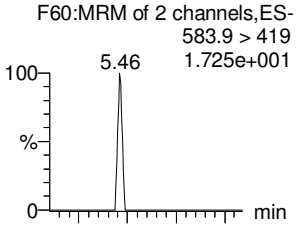

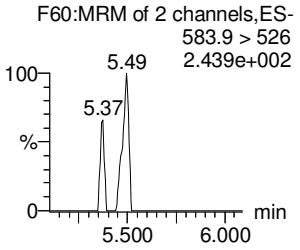

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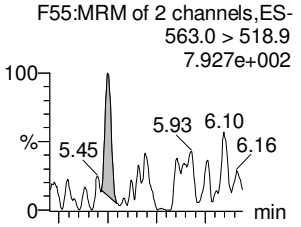

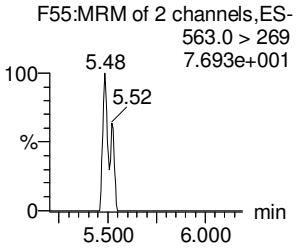

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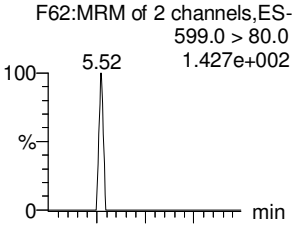

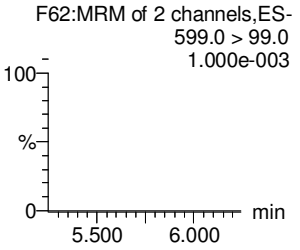

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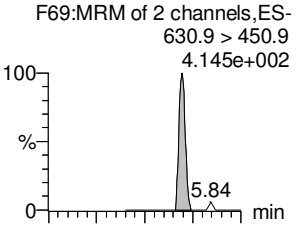

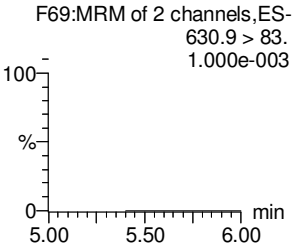

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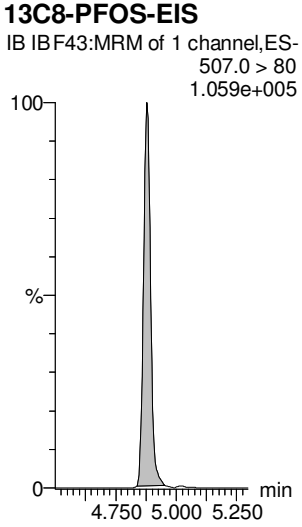

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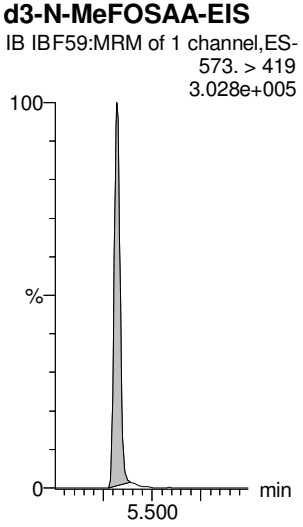

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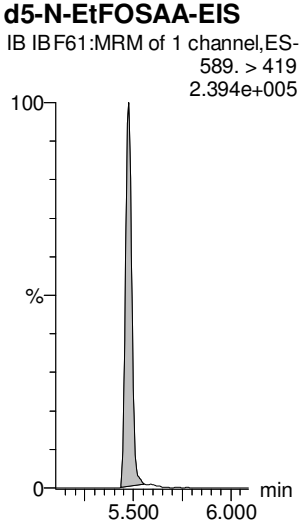

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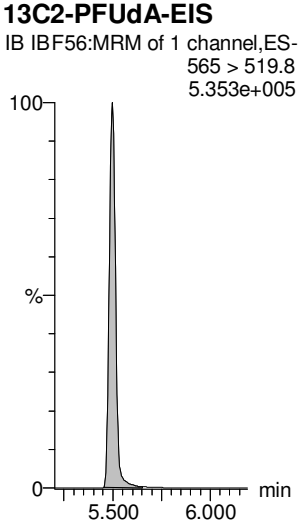

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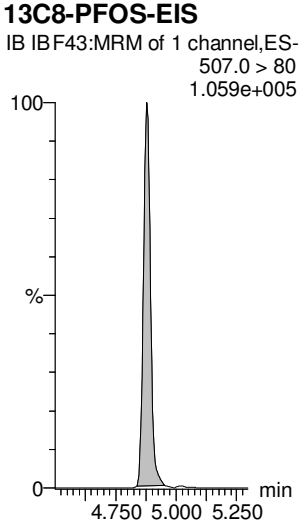

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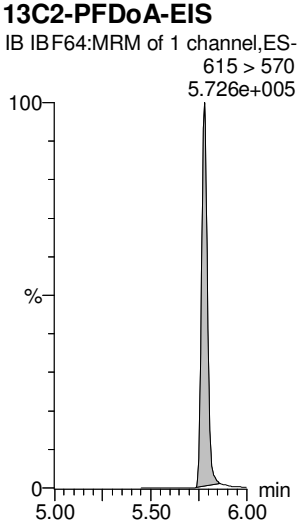

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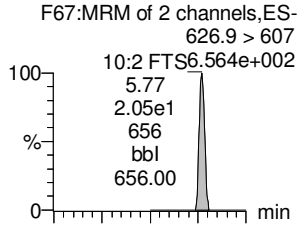
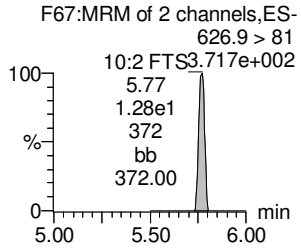
10:2 FTS





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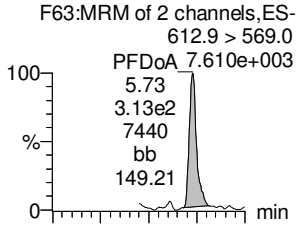

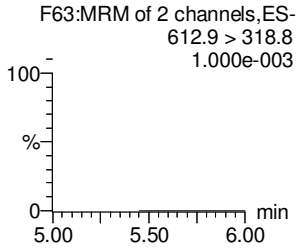

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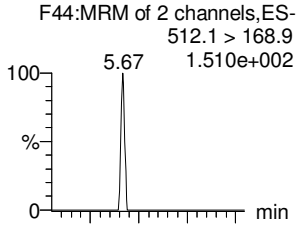

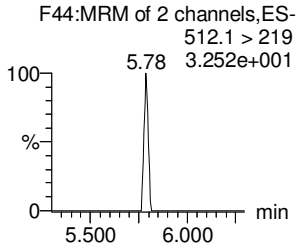

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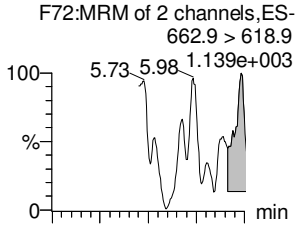

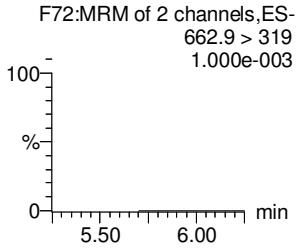

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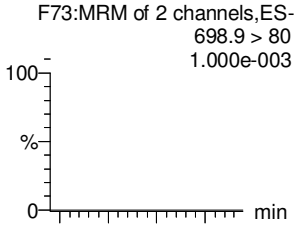

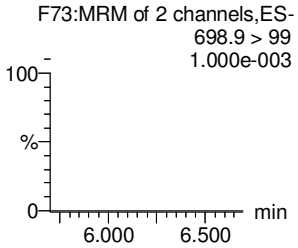

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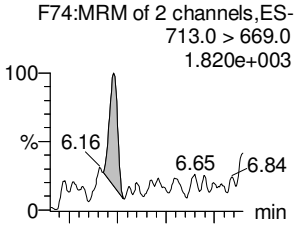

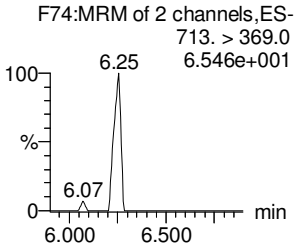

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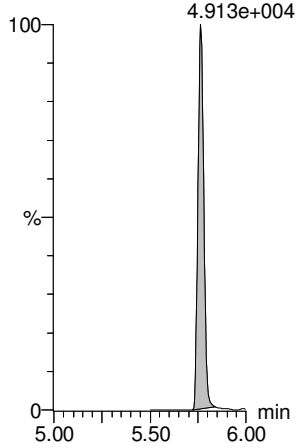

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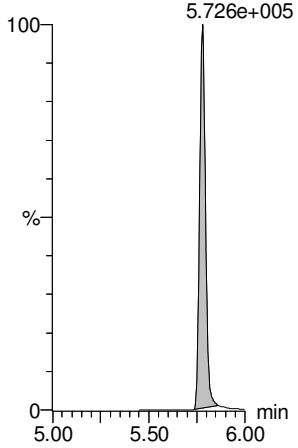

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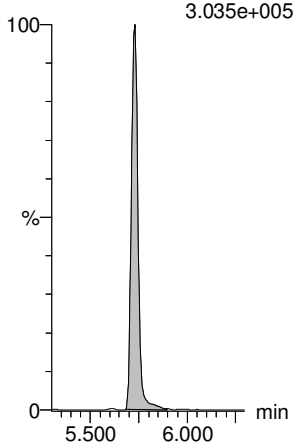

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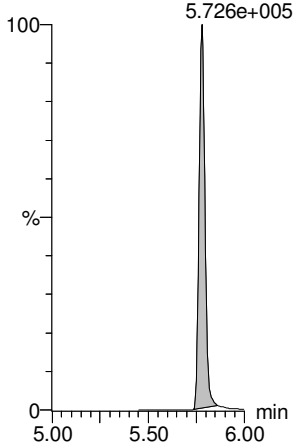

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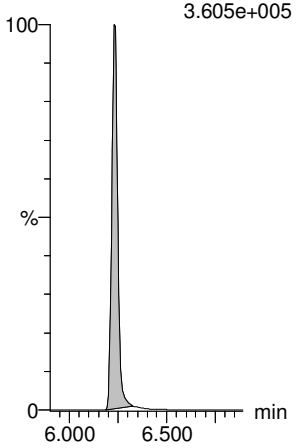

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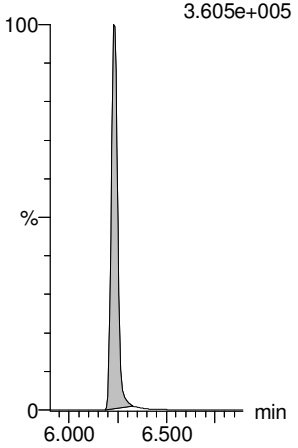

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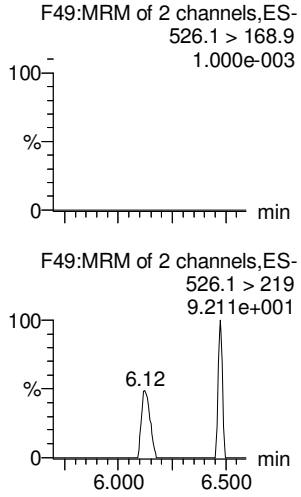
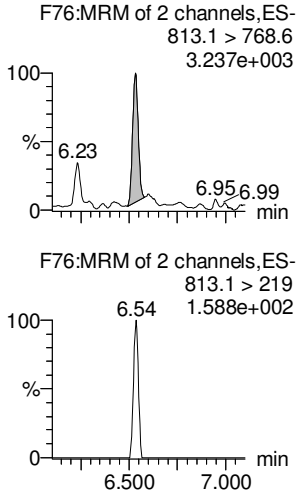
Name: 200702M1_13, Date: 02-Jul-2020, Time: 17:31:50, ID: IB, Description: IB

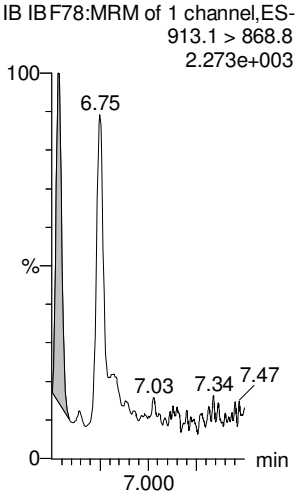
N-EtFOSA



PFHxDA



PFODA



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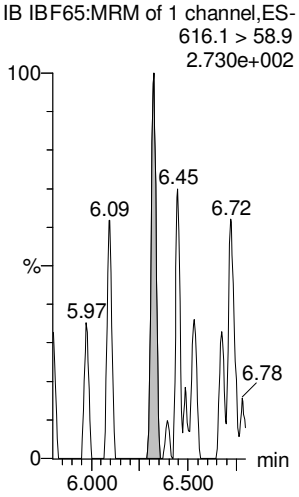

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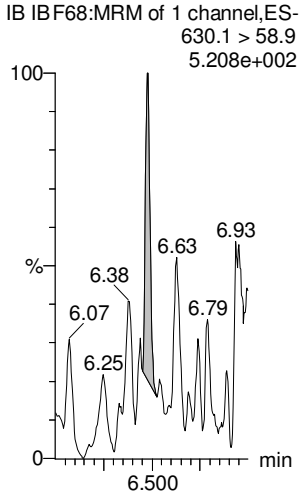
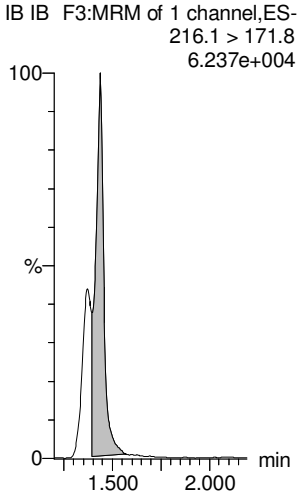
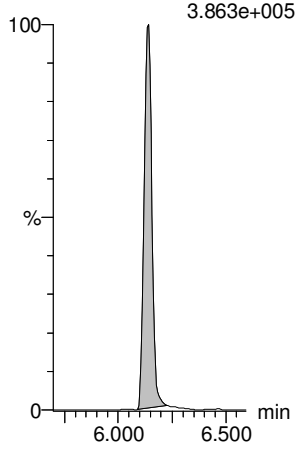


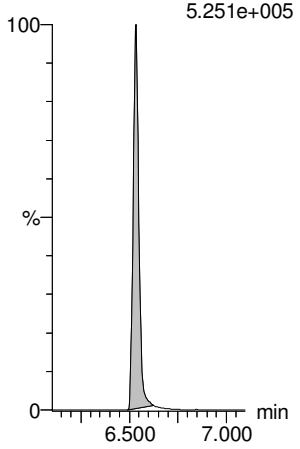
13C3-PFBA-RSD



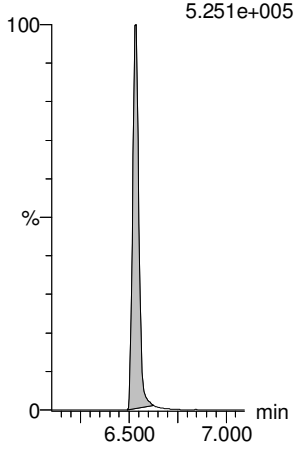
d5-N-ETFOSA-EIS



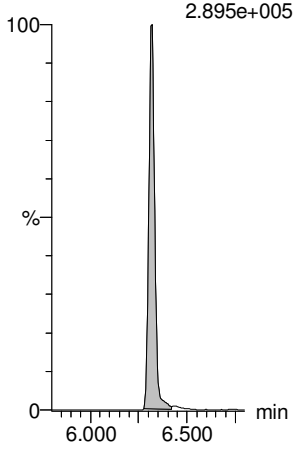
13C2-PFHxDA-EIS



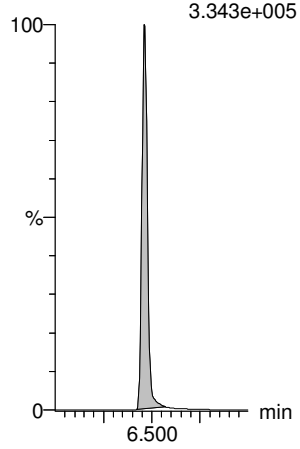
13C2-PFHxDA-EIS



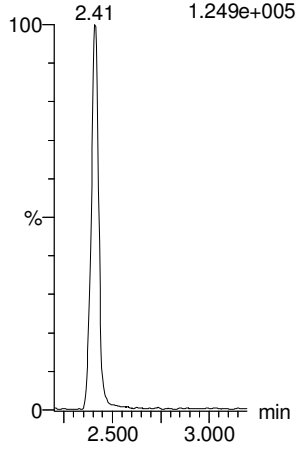
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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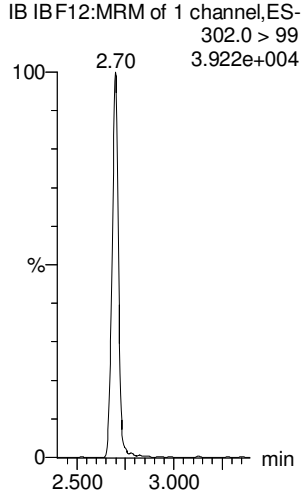
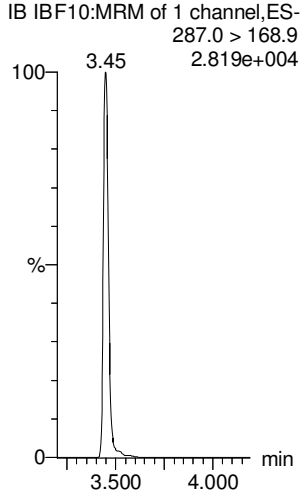
Name: 200702M1_13, Date: 02-Jul-2020, Time: 17:31:50, ID: IB, Description: IB

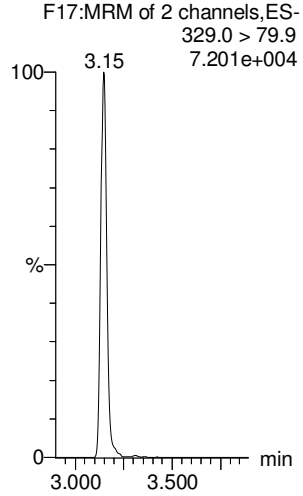
13C3-PFBS-RSD



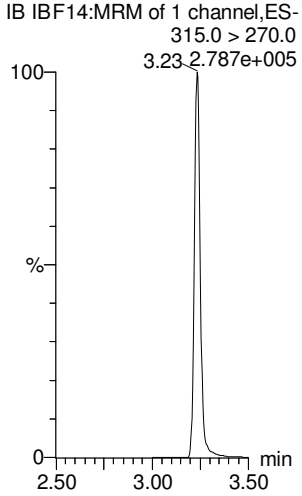
13C3-HFPO-DA-RSD



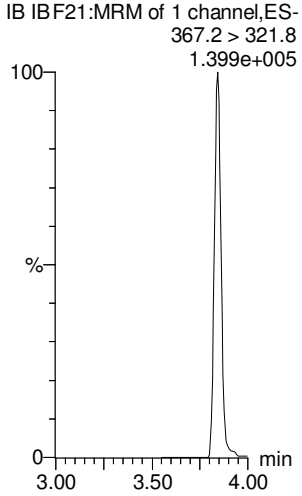
13C2-4:2 FTS-RSD



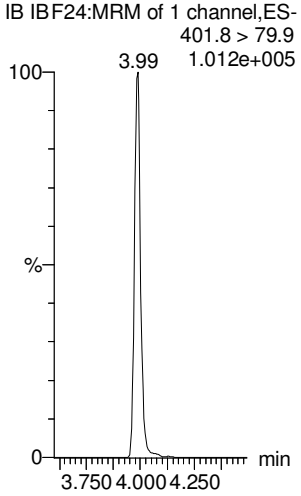
13C2-PFHxA-RSD



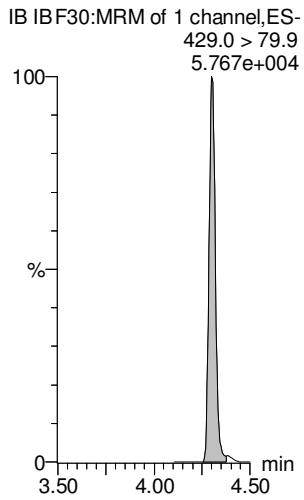
13C4-PFHpA-RSD



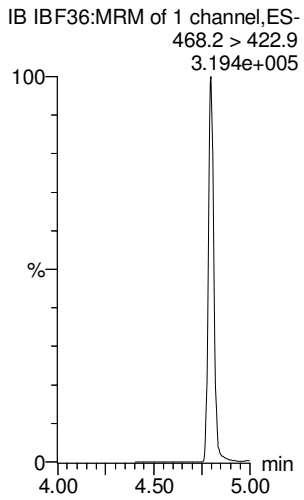
13C3-PFHxS-RSD



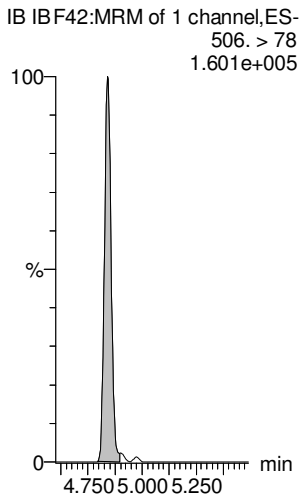
13C2-6:2 FTS-RSD



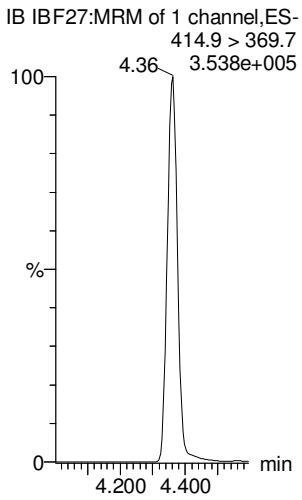
13C5-PFNA-RSD



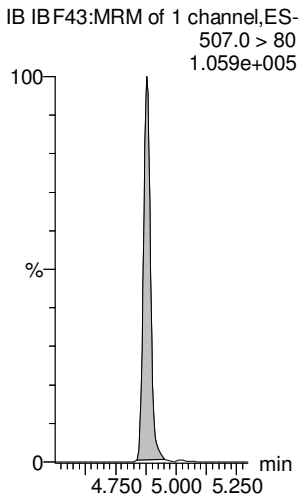
13C8-PFOSA-RSD



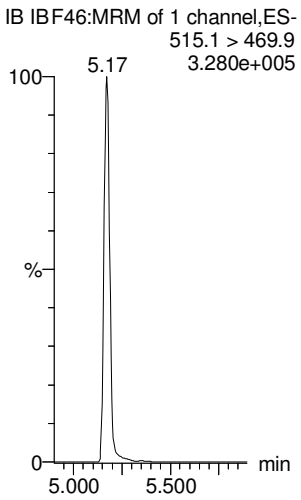
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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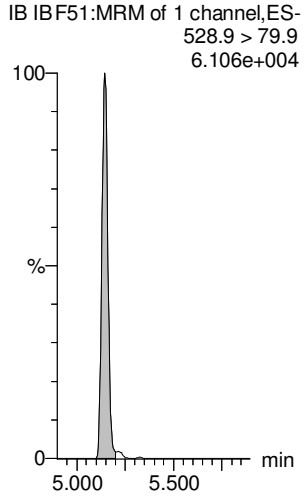
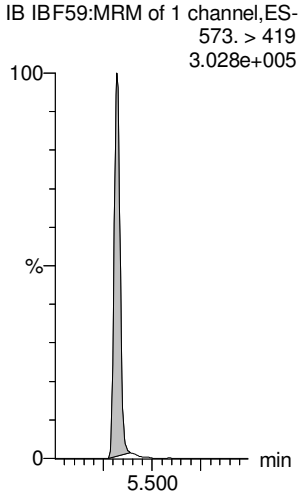
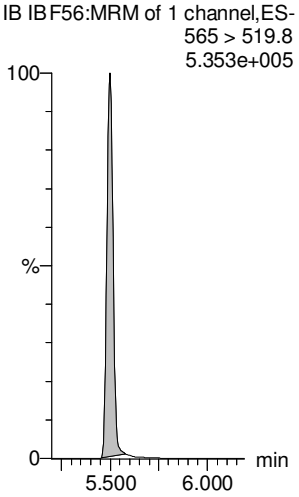
13C2-8:2 FTS-RSD



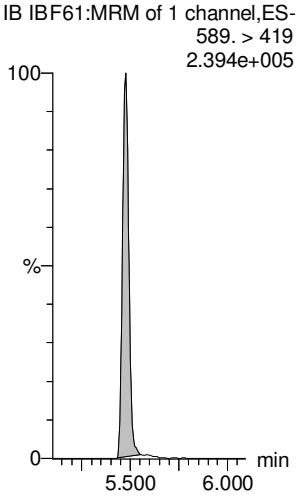
d3-N-MeFOSAA-RSD



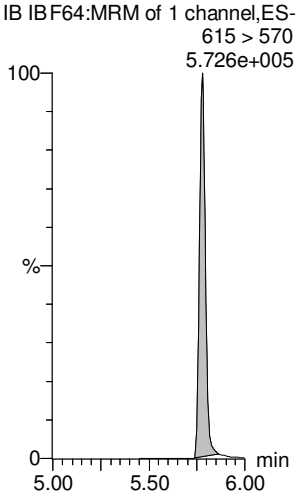
13C2-PFUdA-RSD



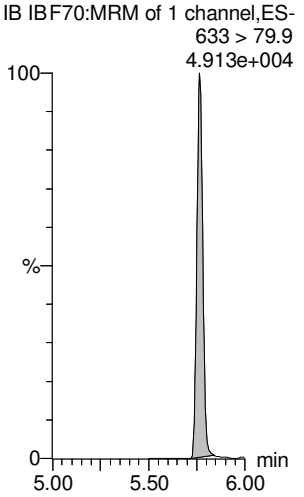
d5-N-EtFOSAA-RSD



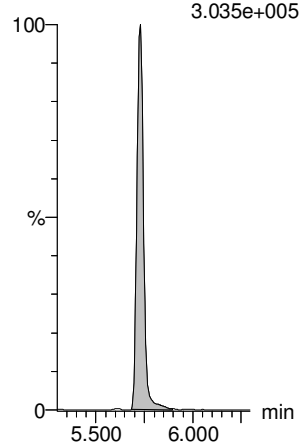
13C2-PFDoA-RSD



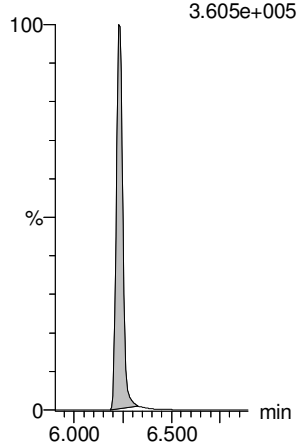
13C2-10:2 FTS-RSD



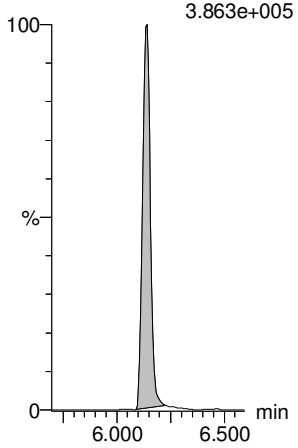
d3-N-MeFOSA-RSD



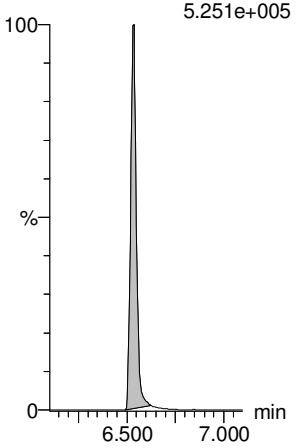
13C2-PFTeDA-RSD



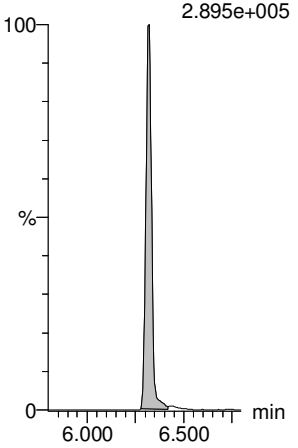
d5-N-ETFOSA-RSD



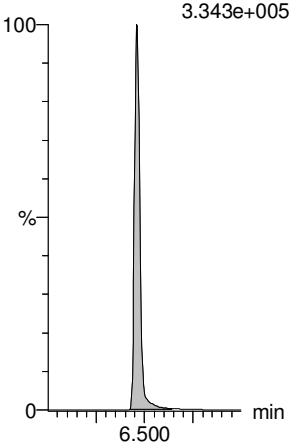
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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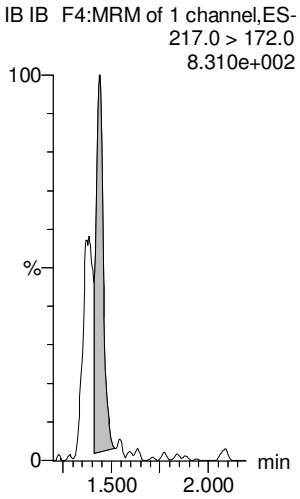
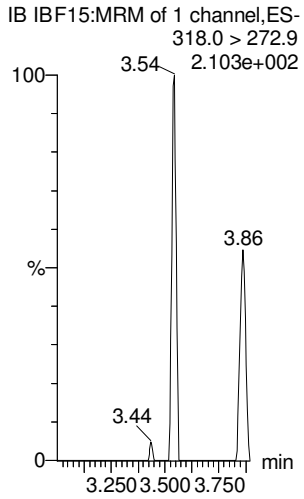
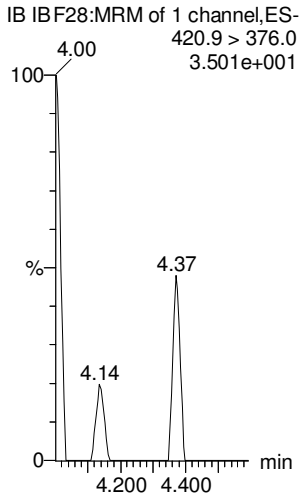
13C4-PFBA



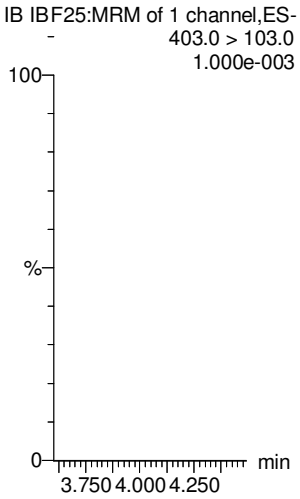
13C5-PFHxA



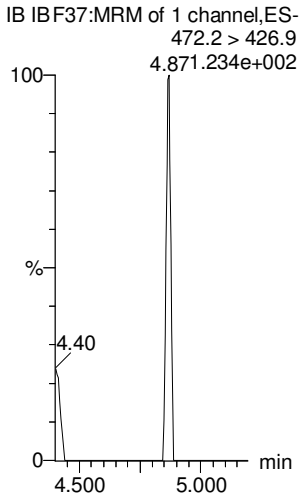
13C8-PFOA



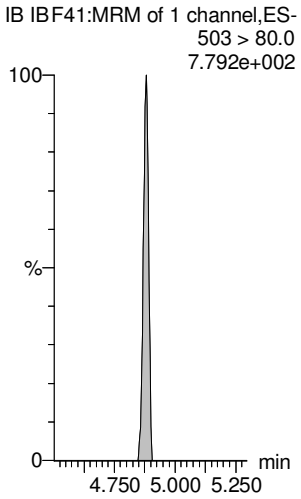
18O2-PFHxS



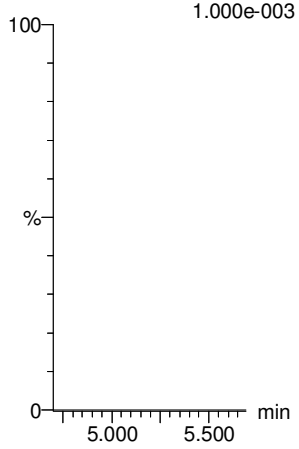
13C9-PFNA



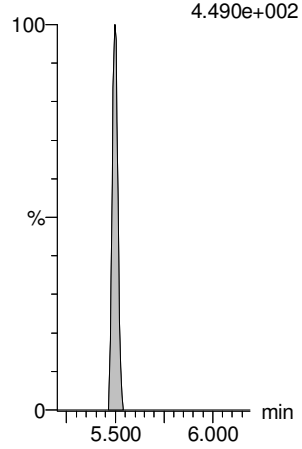
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	8.220	3084.514	1.00	1.46	0.033		0.0233		NO		
2	2	PFPrS	248.9 > 79.9		1457.253	1.00						NO		
3	3	3:3 FTCA	241.1 > 177.0		5525.394	1.00						NO		
4	4	PFPeA	263.1 > 218.9	5.623	5525.394	1.00	2.36	0.013		0.0130		NO		
5	5	PFBS	299.0 > 79.7		1457.253	1.00						NO		
6	6	4:2 FTS	327.0 > 306.9		2482.321	1.00						NO		
7	47	13C3-PFBA-EIS	216.1 > 171.8	3084.514		1.00	1.44	3084.514	12.500	12.8	102.7	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1457.253		1.00	2.70	1457.253	12.500	13.3	106.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5525.394		1.00	2.41	5525.394	12.500	13.6	109.1	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5525.394		1.00	2.41	5525.394	12.500	13.6	109.1	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1457.253		1.00	2.70	1457.253	12.500	13.3	106.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2482.321		1.00	3.15	2482.321	12.500	14.3	114.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	97.825	9410.111	1.00	3.20	0.130		0.120		NO		
15	8	PFPeS	349.0 > 80.0		1457.253	1.00						NO		
16	9	HFPO-DA	285.1 > 168.9		897.568	1.00						NO		
17	10	5:3 FTCA	340.9 > 236.9		5566.128	1.00						NO		
18	11	PFHpA	363.0 > 318.9	13.327	5566.128	1.00	3.69	0.030				NO		
19	12	ADONA	376.8 > 250.9		5566.128	1.00						NO		
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9410.111		1.00	3.23	9410.111	12.500	12.8	102.0	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1457.253		1.00	2.70	1457.253	12.500	13.3	106.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	897.568		1.00	3.45	897.568	12.500	13.6	108.4	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5566.128		1.00	3.84	5566.128	12.500	14.2	113.6	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5566.128		1.00	3.84	5566.128	12.500	14.2	113.6	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5566.128		1.00	3.84	5566.128	12.500	14.2	113.6	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0		3507.142	1.00						NO		
28	15	6:2 FTS	427 > 407.0		2115.552	1.00						NO		
29	16	L-PFOA	412.8 > 368.9		12686.740	1.00						NO		
30	18	PFecHS	460.8 > 381.0		12686.740	1.00						NO		
31	19	PFHpS	448.9 > 80.0		3469.065	1.00						NO		
32	20	7:3 FTCA	441.0 > 337.0		10313.244	1.00						NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3507.142		1.00	3.99	3507.142	12.500	13.5	108.4	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2115.552		1.00	4.30	2115.552	12.500	14.3	114.6	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12686.740		1.00	4.36	12686.740	12.500	13.4	107.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12686.740		1.00	4.36	12686.740	12.500	13.4	107.3	NO		

Dataset: Untitled

Last Altered: Sunday, July 05, 2020 17:18:03 Pacific Daylight Time
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Name: 200702M1_13, Date: 02-Jul-2020, Time: 17:31:50, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3469.065		1.00	4.88	3469.065	12.500	12.1	97.2	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	10313.244		1.00	4.80	10313.244	12.500	13.5	107.8	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	25.785	10313.244	1.00	4.90	0.031				NO		
41	22	PFOSA	498.0 > 78.0		5586.351	1.00						NO		
42	23	L-PFOS	499 > 80		3469.065	1.00						NO		
43	25	9Cl-PF30NS	531 > 351.0		3469.065	1.00						NO		
44	26	PFDA	513 > 468.8	23.931	10865.680	1.00	5.14	0.028				NO		
45	27	8:2 FTS	526.9 > 507.0		2117.047	1.00						NO		
46	65	13C5-PFNA-EIS	468.2 > 422.9	10313.244		1.00	4.80	10313.244	12.500	13.5	107.8	NO		
47	67	13C8-PFOSA-EIS	506. > 78	5586.351		1.00	4.84	5586.351	12.500	13.9	111.2	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3469.065		1.00	4.88	3469.065	12.500	12.1	97.2	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3469.065		1.00	4.88	3469.065	12.500	12.1	97.2	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	10865.680		1.00	5.17	10865.680	12.500	13.5	107.6	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2117.047		1.00	5.14	2117.047	12.500	12.1	97.2	NO		
52	-1													
53	28	PFNS	548.9 > 79.9		3469.065	1.00						NO		
54	29	L-MeFOSAA	570 > 419	11.557	10232.568	1.00	5.32	0.014		0.0327		NO		
55	31	L-EtFOSAA	583.9 > 419		8662.556	1.00						NO		
56	33	PFUdA	563.0 > 518.9	24.784	19373.568	1.00	5.50	0.016				NO		
57	34	PFDS	599.0 > 80.0		3469.065	1.00						NO		
58	35	11Cl-PF30UdS	630.9 > 450.9	15.393	19724.342	1.00	5.70	0.010				NO		
59	73	13C8-PFOS-EIS	507.0 > 80	3469.065		1.00	4.88	3469.065	12.500	12.1	97.2	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	10232.568		1.00	5.32	10232.568	12.500	12.8	102.3	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	8662.556		1.00	5.48	8662.556	12.500	12.1	97.0	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	19373.568		1.00	5.50	19373.568	12.500	14.0	111.7	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3469.065		1.00	4.88	3469.065	12.500	12.1	97.2	NO		
64	85	13C2-PFDoA-EIS	615 > 570	19724.342		1.00	5.78	19724.342	12.500	12.7	101.5	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	20.548	1684.783	1.00	5.77	0.152				NO	1.600	NO
67	37	PFDoA	612.9 > 569.0	313.277	19724.342	1.00	5.73	0.199		0.120		NO		
68	38	N-MeFOSA	512.1 > 168.9		11767.102	1.00						NO		
69	39	PFTrDA	662.9 > 618.9	62.142	19724.342	1.00	6.23	0.039				NO		
70	40	PFDoS	698.9 > 80		13224.567	1.00						NO		
71	41	PFTeDA	713.0 > 669.0	70.803	13224.567	1.00	6.23	0.067		0.0201		NO		
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1684.783		1.00	5.77	1684.783	12.500	12.9	103.6	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	19724.342		1.00	5.78	19724.342	12.500	12.7	101.5	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	11767.102		1.00	5.73	11767.102	149.200	158	105.8	NO		
75	85	13C2-PFDoA-EIS	615 > 570	19724.342		1.00	5.78	19724.342	12.500	12.7	101.5	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	13224.567		1.00	6.23	13224.567	12.500	13.0	104.4	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	13224.567		1.00	6.23	13224.567	12.500	13.0	104.4	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		15663.779	1.00						NO		
80	43	PFHxDA	813.1 > 768.6	108.491	18980.623	1.00	6.53	0.071				NO		
81	44	PFODA	913.1 > 868.8	65.828	18980.623	1.00	6.53	0.043		0.0404		NO		
82	45	N-MeFOSE	616.1 > 58.9	8.039	9990.382	1.00	6.32	0.120				NO		
83	46	N-EtFOSE	630.1 > 58.9	11.003	10694.453	1.00	6.47	0.154				NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3078.421	34.918	1.00	1.44	1102.018	12.500	1670	13322.0	YES		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	15663.779		1.00	6.14	15663.779	149.200	142	95.3	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	18980.623		1.00	6.54	18980.623	12.500	12.8	102.6	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	18980.623		1.00	6.54	18980.623	12.500	12.8	102.6	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	9990.382		1.00	6.32	9990.382	149.200	159	106.3	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	10694.453		1.00	6.46	10694.453	149.200	165	110.3	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	2115.552	19.417	1.00	4.30	1361.920	12.500	2500	20027.3	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506. > 78	5586.351	14.892	1.00	4.84	4689.054	12.500	17700	14156...	YES		
101	70	13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	74	13C8-PFOS-RSD	507.0 > 80	3469.065	19.417	1.00	4.88	2233.265	12.500	2120	16961.1	YES		
103	76	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2117.047	19.417	1.00	5.14	1362.882	12.500	2150	17196.4	YES		
106	80	d3-N-MeFOSAA-RSD	573. > 419	10232.568	14.892	1.00	5.32	8588.981	12.500	17400	13910...	YES		
107	82	13C2-PFUdA-RSD	565 > 519.8	18801.754	14.892	1.00	5.50	15781.757	12.500	18400	14684...	YES		
108	84	d5-N-EtFOSAA-RSD	589. > 419	8662.556	14.892	1.00	5.48	7271.149	12.500	17400	13924...	YES		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	19724.342		1.00	5.78		12.500			NO		
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1684.783	19.417	1.00	5.77	1084.606	12.500	2440	19509.5	YES		
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	11767.102	14.892	1.00	5.73	9877.033	149.200	201000	13487...	YES		
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	13224.567	14.892	1.00	6.23	11100.395	12.500	17600	14073...	YES		
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	15663.779	14.892	1.00	6.14	13147.813	149.200	187000	12533...	YES		
114	96	13C2-PFHxDA-RSD	815 > 769.7	18980.623	14.892	1.00	6.54	15931.895	12.500	17200	13733...	YES		
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	9990.382	14.892	1.00	6.32	8385.695	149.200	206000	13805...	YES		
116	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10957.200	14.892	1.00	6.46	9197.220	149.200	215000	14379...	YES		
117	-1													
118	1...	13C4-PFBA	217.0 > 172.0	34.918	34.918	1.00	1.44	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1...	18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 80.0	19.417	19.417	1.00	4.88	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8	14.892	14.892	1.00	5.50	12.500	12.500	12.5	100.0	NO		

July 07, 2020

Vista Work Order No. 2001271

Ms. Suzanne Yerina
CES Inc.
640 Main Street
Lewiston, ME 0240

Dear Ms. Yerina,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on June 12, 2020 under your Project Name 'Coakley Landfill'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2001271
Case Narrative

Sample Condition on Receipt:

Ten aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. A sample ID discrepancy was noted upon sample receipt. The sample listed as "GW-EB-WATERLEVEL" on the sample container label has been reported as "EB-Water Level" as it was listed on the CoC.

Analytical Notes:

PFAS Isotope Dilution Method

The following samples contained particulate and were centrifuged prior to extraction.

Laboratory ID	Sample Name
2001271-01	GW-MW-4
2001271-02	GW-MW-4-DUP
2001271-08	GW-FPC-2A
2001271-10	GW-AE-3B

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the EPA-recommended hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with each preparation batch. No analytes were detected in the Method Blank above the Reporting Limit. The OPR recoveries were within the method acceptance criteria.

The internal standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2001271-05	GW-FPC-3A	PFAS Isotope Dilution Method	13C3-PFBA	H	47.5
B0F0256-BS1	B0F0256-BS1	PFAS Isotope Dilution Method	d3-MeFOSA	H	7.40
B0F0256-BS1	B0F0256-BS1	PFAS Isotope Dilution Method	d5-EtFOSA	H	6.80

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001271-01	GW-MW-4	09-Jun-20 09:53	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-02	GW-MW-4-DUP	09-Jun-20 09:53	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-03	GW-FPC-9B	09-Jun-20 16:09	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-04	GW-FPC-3C	09-Jun-20 14:33	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-05	GW-FPC-3A	09-Jun-20 13:33	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-06	GW-FPC-3B	09-Jun-20 12:48	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-07	GW-FPC-2B	09-Jun-20 11:52	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-08	GW-FPC-2A	09-Jun-20 11:05	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-09	EB-Water Level	10-Jun-20 09:50	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001271-10	GW-AE-3B	10-Jun-20 11:53	12-Jun-20 09:55	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0145-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.729	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFPeA	2706-90-3	ND	1.28	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFBS	375-73-5	ND	1.79	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFHxA	307-24-4	ND	2.18	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFHpA	375-85-9	ND	0.591	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFHxS	355-46-4	ND	0.947	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
6:2 FTS	27619-97-2	ND	2.00	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFOA	335-67-1	ND	0.651	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFHpS	375-92-8	ND	0.937	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFNA	375-95-1	ND	0.810	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFOSA	754-91-6	ND	1.77	4.00		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:30	1
PFOS	1763-23-1	ND	0.807	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFDA	335-76-2	ND	1.49	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
8:2 FTS	39108-34-4	ND	2.06	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
MeFOSAA	2355-31-9	ND	1.65	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
EtFOSAA	2991-50-6	ND	1.37	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFUnA	2058-94-8	ND	1.05	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFDS	335-77-3	ND	1.23	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFDoA	307-55-1	ND	0.792	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
MeFOSA	31506-32-8	ND	3.83	20.0		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFTrDA	72629-94-8	ND	0.494	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFTeDA	376-06-7	ND	0.755	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
EtFOSA	4151-50-2	ND	5.11	20.0		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
PFHxDA	67905-19-5	ND	0.294	4.00		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
MeFOSE	24448-09-7	ND	6.07	20.0		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
EtFOSE	1691-99-2	ND	9.44	20.0		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:30	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	84.3	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C3-PFPeA	IS	97.0	60 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C3-PFBS	IS	95.1	60 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C2-PFHxA	IS	91.8	70 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C4-PFHpA	IS	93.9	60 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C3-PFHxS	IS	89.5	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C2-6:2 FTS	IS	124	40 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C5-PFNA	IS	92.4	50 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C8-PFOSA	IS	53.7	20 - 150		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:30	1
13C2-PFOA	IS	92.8	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C8-PFOS	IS	102	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0145-BLK1
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	87.2	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C2-8:2 FTS	IS	76.5	40 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
d3-MeFOSAA	IS	79.1	50 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C2-PFUnA	IS	87.6	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
d5-EtFOSAA	IS	72.3	50 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C2-PFDoA	IS	71.9	30 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
d3-MeFOSA	IS	24.0	10 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C2-PFTeDA	IS	72.9	20 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
d5-EtFOSA	IS	24.0	10 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
13C2-PFHxDA	IS	60.6	20 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
d7-MeFOSE	IS	37.7	10 - 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:11	1
d9-EtFOSE	IS	42.4	10 - 150		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:30	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0145-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	79.7	80.0	99.6	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFPeA	2706-90-3	77.7	80.0	97.1	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFBS	375-73-5	77.9	80.0	97.3	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFHxA	307-24-4	79.5	80.0	99.4	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFHpA	375-85-9	77.0	80.0	96.2	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFHxS	355-46-4	77.5	80.0	96.9	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
6:2 FTS	27619-97-2	73.1	80.0	91.3	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFOA	335-67-1	75.9	80.0	94.9	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFHpS	375-92-8	85.6	80.0	107	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFNA	375-95-1	71.8	80.0	89.8	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFOSA	754-91-6	70.4	80.0	88.0	60 - 130		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:40	1
PFOS	1763-23-1	85.0	80.0	106	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFDA	335-76-2	77.8	80.0	97.3	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
8:2 FTS	39108-34-4	74.5	80.0	93.1	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
MeFOSAA	2355-31-9	78.7	80.0	98.4	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
EtFOSAA	2991-50-6	71.2	80.0	89.0	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFUnA	2058-94-8	77.7	80.0	97.1	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFDS	335-77-3	71.3	80.0	89.2	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFDoA	307-55-1	66.8	80.0	83.6	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
MeFOSA	31506-32-8	436	400	109	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFTrDA	72629-94-8	63.4	80.0	79.3	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFTeDA	376-06-7	82.4	80.0	103	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
EtFOSA	4151-50-2	362	400	90.5	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
PFHxDA	67905-19-5	81.1	80.0	101	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
MeFOSE	24448-09-7	369	400	92.3	60 - 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
EtFOSE	1691-99-2	401	400	100	60 - 130		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:40	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	74.1	60- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C3-PFPeA	IS	85.2	60- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C3-PFBS	IS	95.7	60- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-PFHxA	IS	88.3	70- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C4-PFHpA	IS	86.4	60- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C3-PFHxS	IS	88.8	60- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-6:2 FTS	IS	125	40- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C5-PFNA	IS	92.1	50- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0145-BS1
Column: BEH C18

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOSA	IS	47.6	20- 150		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:40	1
13C2-PFOA	IS	83.7	60- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C8-PFOS	IS	96.2	60- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-PFDA	IS	80.3	60- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-8:2 FTS	IS	86.5	40- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
d3-MeFOSAA	IS	79.2	50- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-PFUnA	IS	85.0	60- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
d5-EtFOSAA	IS	73.4	50- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-PFDoA	IS	77.6	30- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
d3-MeFOSA	IS	21.9	10- 130		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-PFTeDA	IS	66.9	20- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
d5-EtFOSA	IS	21.4	10- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
13C2-PFHxDA	IS	55.7	20- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
d7-MeFOSE	IS	37.7	10- 150		B0F0145	19-Jun-20	0.125 L	01-Jul-20 04:22	1
d9-EtFOSE	IS	36.1	10- 150		B0F0145	19-Jun-20	0.125 L	23-Jun-20 19:40	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0256-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSA	31506-32-8	ND	3.83	20.0		B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:39	1
EtFOSA	4151-50-2	ND	5.11	20.0		B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:39	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d3-MeFOSA	IS	16.8	10 - 130		B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:39	1
d5-EtFOSA	IS	16.2	10 - 150		B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:39	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill

Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0256-BS1 Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSA	31506-32-8	381	400	95.3	60 - 130		B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:50	1
EtFOSA	4151-50-2	410	400	103	60 - 130		B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:50	1
Labeled Standards		**Type**		**% Rec**	**Limits**	**Qualifiers**	**Batch**	**Extracted**	**Samp Size**	**Analyzed**	**Dilution**
d3-MeFOSA		IS		7.40	10- 130	H	B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:50	1
d5-EtFOSA		IS		6.80	10- 150	H	B0F0256	26-Jun-20	0.125 L	29-Jun-20 23:50	1

Sample ID: GW-MW-4

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-4

Matrix: Aqueous
Date Collected: 09-Jun-20 09:53

Laboratory Data

Lab Sample: 2001271-01
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	59.6	0.828	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFPeA	2706-90-3	106	1.45	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFBS	375-73-5	4.34	2.03	4.54	J	B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFHxA	307-24-4	193	2.48	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFHpA	375-85-9	397	0.671	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFHxS	355-46-4	30.0	1.08	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
6:2 FTS	27619-97-2	ND	2.27	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFOA	335-67-1	815	0.740	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFHpS	375-92-8	4.62	1.06	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFNA	375-95-1	39.1	0.920	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFOSA	754-91-6	2.02	2.01	4.54	J	B0F0145	19-Jun-20	0.110 L	23-Jun-20 19:51	1
PFOS	1763-23-1	34.8	0.917	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFDA	335-76-2	ND	1.69	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
8:2 FTS	39108-34-4	ND	2.34	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
MeFOSAA	2355-31-9	ND	1.87	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
EtFOSAA	2991-50-6	1.76	1.56	4.54	J	B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFUnA	2058-94-8	ND	1.19	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFDS	335-77-3	ND	1.40	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFDoA	307-55-1	ND	0.900	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
MeFOSA	31506-32-8	ND	4.35	22.7		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFTrDA	72629-94-8	ND	0.561	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFTeDA	376-06-7	ND	0.858	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
EtFOSA	4151-50-2	ND	5.80	22.7		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
PFHxDA	67905-19-5	ND	0.334	4.54		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
MeFOSE	24448-09-7	ND	6.90	22.7		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
EtFOSE	1691-99-2	ND	10.7	22.7		B0F0145	19-Jun-20	0.110 L	23-Jun-20 19:51	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	75.9	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C3-PFPeA	IS	85.3	60 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C3-PFBS	IS	97.0	60 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C2-PFHxA	IS	89.2	70 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C4-PFHpA	IS	89.2	60 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C3-PFHxS	IS	96.7	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C2-6:2 FTS	IS	136	40 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C5-PFNA	IS	89.7	50 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C8-PFOSA	IS	58.8	20 - 150		B0F0145	19-Jun-20	0.110 L	23-Jun-20 19:51	1
13C2-PFOA	IS	84.0	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C8-PFOS	IS	99.3	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1

Sample ID: GW-MW-4

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-4
Matrix: Aqueous
Date Collected: 09-Jun-20 09:53

Laboratory Data

Lab Sample: 2001271-01
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	87.7	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C2-8:2 FTS	IS	84.2	40 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
d3-MeFOSAA	IS	91.4	50 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C2-PFUnA	IS	88.9	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
d5-EtFOSAA	IS	86.0	50 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C2-PFDoA	IS	83.2	30 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
d3-MeFOSA	IS	37.6	10 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C2-PFTeDA	IS	74.1	20 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
d5-EtFOSA	IS	34.7	10 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
13C2-PFHxDA	IS	71.8	20 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
d7-MeFOSE	IS	56.8	10 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 04:32	1
d9-EtFOSE	IS	58.7	10 - 150		B0F0145	19-Jun-20	0.110 L	23-Jun-20 19:51	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-4-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-4
Matrix: Aqueous
Date Collected: 09-Jun-20 09:53

Laboratory Data

Lab Sample: 2001271-02
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	55.1	0.815	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFPeA	2706-90-3	100	1.43	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFBS	375-73-5	4.21	2.00	4.47	J	B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFHxA	307-24-4	190	2.44	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFHpA	375-85-9	388	0.660	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFHxS	355-46-4	26.7	1.06	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
6:2 FTS	27619-97-2	ND	2.23	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFOA	335-67-1	818	0.727	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFHpS	375-92-8	2.89	1.05	4.47	J	B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFNA	375-95-1	38.0	0.905	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFOSA	754-91-6	3.13	1.98	4.47	J	B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:01	1
PFOS	1763-23-1	38.9	0.902	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFDA	335-76-2	ND	1.66	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
8:2 FTS	39108-34-4	ND	2.30	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
MeFOSAA	2355-31-9	ND	1.84	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
EtFOSAA	2991-50-6	ND	1.53	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFUnA	2058-94-8	ND	1.17	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFDS	335-77-3	ND	1.37	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFDoA	307-55-1	ND	0.885	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
MeFOSA	31506-32-8	ND	4.28	22.3		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFTrDA	72629-94-8	ND	0.552	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFTeDA	376-06-7	ND	0.844	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
EtFOSA	4151-50-2	ND	5.71	22.3		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
PFHxDA	67905-19-5	ND	0.329	4.47		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
MeFOSE	24448-09-7	ND	6.78	22.3		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
EtFOSE	1691-99-2	ND	10.5	22.3		B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:01	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	77.3	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C3-PFPeA	IS	89.3	60 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C3-PFBS	IS	98.2	60 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C2-PFHxA	IS	94.4	70 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C4-PFHpA	IS	91.3	60 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C3-PFHxS	IS	104	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C2-6:2 FTS	IS	132	40 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C5-PFNA	IS	97.2	50 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C8-PFOSA	IS	55.9	20 - 150		B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:01	1
13C2-PFOA	IS	86.7	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C8-PFOS	IS	108	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1

Sample ID: GW-MW-4-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-4
Matrix: Aqueous
Date Collected: 09-Jun-20 09:53

Laboratory Data

Lab Sample: 2001271-02
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	91.3	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C2-8:2 FTS	IS	96.0	40 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
d3-MeFOSAA	IS	92.4	50 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C2-PFUnA	IS	88.9	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
d5-EtFOSAA	IS	82.9	50 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C2-PFDoA	IS	75.6	30 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
d3-MeFOSA	IS	15.4	10 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C2-PFTeDA	IS	79.0	20 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
d5-EtFOSA	IS	18.0	10 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
13C2-PFHxDA	IS	78.7	20 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
d7-MeFOSE	IS	44.8	10 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 04:42	1
d9-EtFOSE	IS	52.2	10 - 150		B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:01	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-9B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-9B
Matrix: Aqueous
Date Collected: 09-Jun-20 16:09

Laboratory Data

Lab Sample: 2001271-03
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.00	0.809	4.44	J	B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFPeA	2706-90-3	5.53	1.42	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFBS	375-73-5	3.19	1.99	4.44	J	B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFHxA	307-24-4	13.8	2.42	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFHpA	375-85-9	8.02	0.656	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFHxS	355-46-4	8.00	1.05	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
6:2 FTS	27619-97-2	ND	2.22	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFOA	335-67-1	39.2	0.722	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFHpS	375-92-8	ND	1.04	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFNA	375-95-1	ND	0.899	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFOSA	754-91-6	3.11	1.96	4.44	J	B0F0145	19-Jun-20	0.113 L	23-Jun-20 20:12	1
PFOS	1763-23-1	5.04	0.895	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFDA	335-76-2	ND	1.65	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
8:2 FTS	39108-34-4	ND	2.29	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
MeFOSAA	2355-31-9	ND	1.83	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
EtFOSAA	2991-50-6	ND	1.52	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFUnA	2058-94-8	ND	1.16	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFDS	335-77-3	ND	1.36	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFDoA	307-55-1	ND	0.879	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
MeFOSA	31506-32-8	ND	4.25	22.2		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFTrDA	72629-94-8	ND	0.548	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFTeDA	376-06-7	ND	0.838	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
EtFOSA	4151-50-2	ND	5.67	22.2		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
PFHxDA	67905-19-5	ND	0.326	4.44		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
MeFOSE	24448-09-7	ND	6.73	22.2		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
EtFOSE	1691-99-2	ND	10.5	22.2		B0F0145	19-Jun-20	0.113 L	23-Jun-20 20:12	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	91.3	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C3-PFPeA	IS	98.1	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C3-PFBS	IS	100	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C2-PFHxA	IS	95.2	70 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C4-PFHpA	IS	97.1	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C3-PFHxS	IS	102	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C2-6:2 FTS	IS	138	40 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C5-PFNA	IS	98.2	50 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C8-PFOSA	IS	64.6	20 - 150		B0F0145	19-Jun-20	0.113 L	23-Jun-20 20:12	1
13C2-PFOA	IS	91.3	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C8-PFOS	IS	113	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1

Sample ID: GW-FPC-9B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-9B
Matrix: Aqueous
Date Collected: 09-Jun-20 16:09

Laboratory Data

Lab Sample: 2001271-03
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	94.6	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C2-8:2 FTS	IS	87.0	40 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
d3-MeFOSAA	IS	93.8	50 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C2-PFUnA	IS	97.0	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
d5-EtFOSAA	IS	89.0	50 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C2-PFDoA	IS	84.2	30 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
d3-MeFOSA	IS	23.0	10 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C2-PFTeDA	IS	78.5	20 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
d5-EtFOSA	IS	25.4	10 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
13C2-PFHxDA	IS	85.1	20 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
d7-MeFOSE	IS	62.6	10 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 04:53	1
d9-EtFOSE	IS	61.8	10 - 150		B0F0145	19-Jun-20	0.113 L	23-Jun-20 20:12	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-3C

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-3C

Matrix: Aqueous
Date Collected: 09-Jun-20 14:33

Laboratory Data

Lab Sample: 2001271-04
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.816	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFPeA	2706-90-3	ND	1.43	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFBS	375-73-5	ND	2.00	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFHxA	307-24-4	ND	2.44	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFHpA	375-85-9	ND	0.662	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFHxS	355-46-4	1.55	1.06	4.48	J	B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
6:2 FTS	27619-97-2	ND	2.24	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFOA	335-67-1	2.64	0.729	4.48	J	B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFHpS	375-92-8	ND	1.05	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFNA	375-95-1	ND	0.907	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFOSA	754-91-6	ND	1.98	4.48		B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:54	1
PFOS	1763-23-1	ND	0.904	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFDA	335-76-2	ND	1.67	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
8:2 FTS	39108-34-4	ND	2.31	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
MeFOSAA	2355-31-9	ND	1.85	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
EtFOSAA	2991-50-6	ND	1.53	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFUnA	2058-94-8	ND	1.18	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFDS	335-77-3	ND	1.38	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFDoA	307-55-1	ND	0.887	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
MeFOSA	31506-32-8	ND	4.29	22.4		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFTrDA	72629-94-8	ND	0.553	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFTeDA	376-06-7	ND	0.846	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
EtFOSA	4151-50-2	ND	5.72	22.4		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
PFHxDA	67905-19-5	ND	0.329	4.48		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
MeFOSE	24448-09-7	ND	6.80	22.4		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
EtFOSE	1691-99-2	ND	10.6	22.4		B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	79.4	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C3-PFPeA	IS	84.3	60 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C3-PFBS	IS	87.4	60 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C2-PFHxA	IS	86.4	70 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C4-PFHpA	IS	84.2	60 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C3-PFHxS	IS	92.3	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C2-6:2 FTS	IS	118	40 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C5-PFNA	IS	87.3	50 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C8-PFOSA	IS	63.7	20 - 150		B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:54	1
13C2-PFOA	IS	83.6	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C8-PFOS	IS	94.1	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1

Sample ID: GW-FPC-3C

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-3C
Matrix: Aqueous
Date Collected: 09-Jun-20 14:33

Laboratory Data

Lab Sample: 2001271-04
Date Received: 12-Jun-20 09:55
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	85.3	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C2-8:2 FTS	IS	85.5	40 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
d3-MeFOSAA	IS	76.8	50 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C2-PFUnA	IS	74.8	60 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
d5-EtFOSAA	IS	75.4	50 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C2-PFDoA	IS	67.1	30 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
d3-MeFOSA	IS	13.1	10 - 130		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C2-PFTeDA	IS	66.8	20 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
d5-EtFOSA	IS	12.1	10 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
13C2-PFHxDA	IS	64.6	20 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
d7-MeFOSE	IS	37.2	10 - 150		B0F0145	19-Jun-20	0.112 L	01-Jul-20 05:03	1
d9-EtFOSE	IS	40.0	10 - 150		B0F0145	19-Jun-20	0.112 L	23-Jun-20 20:54	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-3A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-3A

Matrix: Aqueous
Date Collected: 09-Jun-20 13:33

Laboratory Data

Lab Sample: 2001271-05
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.844	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFPeA	2706-90-3	ND	1.48	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFBS	375-73-5	ND	2.07	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFHxA	307-24-4	ND	2.52	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFHpA	375-85-9	ND	0.684	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFHxS	355-46-4	ND	1.10	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
6:2 FTS	27619-97-2	ND	2.32	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFOA	335-67-1	1.07	0.754	4.63	J	B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFHpS	375-92-8	ND	1.08	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFNA	375-95-1	ND	0.938	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFOSA	754-91-6	7.01	2.05	4.63		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:04	1
PFOS	1763-23-1	ND	0.934	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFDA	335-76-2	ND	1.72	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
8:2 FTS	39108-34-4	ND	2.38	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
MeFOSAA	2355-31-9	ND	1.91	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
EtFOSAA	2991-50-6	ND	1.59	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFUnA	2058-94-8	ND	1.22	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFDS	335-77-3	ND	1.42	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFDoA	307-55-1	ND	0.917	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
MeFOSA	31506-32-8	ND	4.43	23.2		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFTrDA	72629-94-8	ND	0.572	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFTeDA	376-06-7	ND	0.874	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
EtFOSA	4151-50-2	ND	5.91	23.2		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
PFHxDA	67905-19-5	ND	0.340	4.63		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
MeFOSE	24448-09-7	ND	7.03	23.2		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
EtFOSE	1691-99-2	ND	10.9	23.2		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:04	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	47.5	60 - 130	H	B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C3-PFPeA	IS	77.7	60 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C3-PFBS	IS	83.2	60 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C2-PFHxA	IS	81.9	70 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C4-PFHpA	IS	77.5	60 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C3-PFHxS	IS	77.7	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C2-6:2 FTS	IS	114	40 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C5-PFNA	IS	79.6	50 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C8-PFOSA	IS	56.7	20 - 150		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:04	1
13C2-PFOA	IS	76.1	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C8-PFOS	IS	88.0	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1

Sample ID: GW-FPC-3A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-3A

Matrix: Aqueous
Date Collected: 09-Jun-20 13:33

Laboratory Data

Lab Sample: 2001271-05
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	77.4	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C2-8:2 FTS	IS	72.6	40 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
d3-MeFOSAA	IS	82.2	50 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C2-PFUnA	IS	77.2	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
d5-EtFOSAA	IS	73.8	50 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C2-PFDoA	IS	67.1	30 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
d3-MeFOSA	IS	14.7	10 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C2-PFTeDA	IS	69.3	20 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
d5-EtFOSA	IS	13.7	10 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
13C2-PFHxDA	IS	63.5	20 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
d7-MeFOSE	IS	39.4	10 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 05:13	1
d9-EtFOSE	IS	46.8	10 - 150		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:04	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-3B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-3B
Matrix: Aqueous
Date Collected: 09-Jun-20 12:48

Laboratory Data

Lab Sample: 2001271-06
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.804	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFPeA	2706-90-3	ND	1.41	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFBS	375-73-5	ND	1.97	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFHxA	307-24-4	ND	2.40	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFHpA	375-85-9	ND	0.651	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFHxS	355-46-4	ND	1.04	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
6:2 FTS	27619-97-2	ND	2.20	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFOA	335-67-1	0.854	0.718	4.41	J	B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFHpS	375-92-8	ND	1.03	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFNA	375-95-1	ND	0.893	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFOSA	754-91-6	3.88	1.95	4.41	J	B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:15	1
PFOS	1763-23-1	ND	0.889	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFDA	335-76-2	ND	1.64	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
8:2 FTS	39108-34-4	ND	2.27	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
MeFOSAA	2355-31-9	ND	1.82	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
EtFOSAA	2991-50-6	ND	1.51	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFUnA	2058-94-8	ND	1.16	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFDS	335-77-3	ND	1.36	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFDoA	307-55-1	ND	0.873	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
MeFOSA	31506-32-8	ND	4.22	22.0		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFTrDA	72629-94-8	ND	0.544	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFTeDA	376-06-7	ND	0.832	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
EtFOSA	4151-50-2	ND	5.63	22.0		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
PFHxDA	67905-19-5	ND	0.324	4.41		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
MeFOSE	24448-09-7	ND	6.69	22.0		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
EtFOSE	1691-99-2	ND	10.4	22.0		B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:15	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	60.6	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C3-PFPeA	IS	86.0	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C3-PFBS	IS	89.4	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C2-PFHxA	IS	82.4	70 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C4-PFHpA	IS	89.2	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C3-PFHxS	IS	93.8	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C2-6:2 FTS	IS	117	40 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C5-PFNA	IS	89.9	50 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C8-PFOSA	IS	70.2	20 - 150		B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:15	1
13C2-PFOA	IS	79.4	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C8-PFOS	IS	94.2	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1

Sample ID: GW-FPC-3B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-3B

Matrix: Aqueous
Date Collected: 09-Jun-20 12:48

Laboratory Data

Lab Sample: 2001271-06
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	86.5	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C2-8:2 FTS	IS	79.3	40 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
d3-MeFOSAA	IS	84.9	50 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C2-PFUnA	IS	92.4	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
d5-EtFOSAA	IS	80.0	50 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C2-PFDoA	IS	75.4	30 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
d3-MeFOSA	IS	23.3	10 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C2-PFTeDA	IS	72.2	20 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
d5-EtFOSA	IS	17.5	10 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
13C2-PFHxDA	IS	67.5	20 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
d7-MeFOSE	IS	44.3	10 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 05:24	1
d9-EtFOSE	IS	48.0	10 - 150		B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:15	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-2B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-2B

Matrix: Aqueous
Date Collected: 09-Jun-20 11:52

Laboratory Data

Lab Sample: 2001271-07
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.11	0.833	4.57	J	B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFPeA	2706-90-3	5.51	1.46	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFBS	375-73-5	ND	2.04	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFHxA	307-24-4	ND	2.49	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFHpA	375-85-9	1.42	0.675	4.57	J	B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFHxS	355-46-4	ND	1.08	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
6:2 FTS	27619-97-2	ND	2.28	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFOA	335-67-1	0.902	0.744	4.57	J	B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFHpS	375-92-8	ND	1.07	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFNA	375-95-1	ND	0.925	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFOSA	754-91-6	ND	2.02	4.57		B0F0145	19-Jun-20	0.109 L	23-Jun-20 21:25	1
PFOS	1763-23-1	1.47	0.922	4.57	J	B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFDA	335-76-2	ND	1.70	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
8:2 FTS	39108-34-4	ND	2.35	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
MeFOSAA	2355-31-9	ND	1.88	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
EtFOSAA	2991-50-6	ND	1.56	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFUnA	2058-94-8	ND	1.20	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFDS	335-77-3	ND	1.40	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFDoA	307-55-1	ND	0.905	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
MeFOSA	31506-32-8	ND	4.01	21.0		B0F0256	26-Jun-20	0.119 L	30-Jun-20 00:00	1
PFTrDA	72629-94-8	ND	0.564	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
PFTeDA	376-06-7	ND	0.862	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
EtFOSA	4151-50-2	ND	5.35	21.0		B0F0256	26-Jun-20	0.119 L	30-Jun-20 00:00	1
PFHxDA	67905-19-5	ND	0.336	4.57		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
MeFOSE	24448-09-7	ND	6.93	22.8		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
EtFOSE	1691-99-2	ND	10.8	22.8		B0F0145	19-Jun-20	0.109 L	23-Jun-20 21:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	75.0	60 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C3-PFPeA	IS	78.8	60 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C3-PFBS	IS	87.8	60 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C2-PFHxA	IS	76.1	70 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C4-PFHpA	IS	76.8	60 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C3-PFHxS	IS	81.7	60 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C2-6:2 FTS	IS	113	40 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C5-PFNA	IS	77.6	50 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C8-PFOSA	IS	48.0	20 - 150		B0F0145	19-Jun-20	0.109 L	23-Jun-20 21:25	1
13C2-PFOA	IS	81.1	60 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C8-PFOS	IS	90.5	60 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1

Sample ID: GW-FPC-2B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-2B

Matrix: Aqueous
Date Collected: 09-Jun-20 11:52

Laboratory Data

Lab Sample: 2001271-07
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	72.8	60 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C2-8:2 FTS	IS	73.2	40 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
d3-MeFOSAA	IS	79.2	50 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C2-PFUnA	IS	78.6	60 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
d5-EtFOSAA	IS	78.5	50 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
13C2-PFDoA	IS	70.4	30 - 130		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
d3-MeFOSA	IS	20.1	10 - 130		B0F0256	26-Jun-20	0.119 L	30-Jun-20 00:00	1
13C2-PFTeDA	IS	69.7	20 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
d5-EtFOSA	IS	15.5	10 - 150		B0F0256	26-Jun-20	0.119 L	30-Jun-20 00:00	1
13C2-PFHxDA	IS	63.6	20 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
d7-MeFOSE	IS	31.1	10 - 150		B0F0145	19-Jun-20	0.109 L	01-Jul-20 05:55	1
d9-EtFOSE	IS	32.6	10 - 150		B0F0145	19-Jun-20	0.109 L	23-Jun-20 21:25	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-2A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-2A
Matrix: Aqueous
Date Collected: 09-Jun-20 11:05

Laboratory Data

Lab Sample: 2001271-08
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.46	0.841	4.61	J	B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFPeA	2706-90-3	ND	1.48	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFBS	375-73-5	3.59	2.06	4.61	J	B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFHxA	307-24-4	ND	2.51	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFHpA	375-85-9	2.81	0.681	4.61	J	B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFHxS	355-46-4	1.48	1.09	4.61	J	B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
6:2 FTS	27619-97-2	ND	2.31	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFOA	335-67-1	7.18	0.751	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFHpS	375-92-8	ND	1.08	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFNA	375-95-1	ND	0.934	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFOSA	754-91-6	5.24	2.04	4.61		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:36	1
PFOS	1763-23-1	ND	0.930	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFDA	335-76-2	ND	1.72	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
8:2 FTS	39108-34-4	ND	2.38	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
MeFOSAA	2355-31-9	ND	1.90	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
EtFOSAA	2991-50-6	ND	1.58	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFUnA	2058-94-8	ND	1.21	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFDS	335-77-3	ND	1.42	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFDoA	307-55-1	ND	0.913	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
MeFOSA	31506-32-8	ND	4.42	23.1		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFTrDA	72629-94-8	ND	0.570	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFTeDA	376-06-7	ND	0.871	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
EtFOSA	4151-50-2	ND	5.89	23.1		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
PFHxDA	67905-19-5	ND	0.339	4.61		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
MeFOSE	24448-09-7	ND	7.00	23.1		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
EtFOSE	1691-99-2	ND	10.9	23.1		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:36	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	80.8	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C3-PFPeA	IS	91.7	60 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C3-PFBS	IS	101	60 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C2-PFHxA	IS	94.2	70 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C4-PFHpA	IS	92.1	60 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C3-PFHxS	IS	95.5	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C2-6:2 FTS	IS	134	40 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C5-PFNA	IS	96.8	50 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C8-PFOSA	IS	58.0	20 - 150		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:36	1
13C2-PFOA	IS	90.2	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C8-PFOS	IS	104	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1

Sample ID: GW-FPC-2A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-2A

Matrix: Aqueous
Date Collected: 09-Jun-20 11:05

Laboratory Data

Lab Sample: 2001271-08
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	87.6	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C2-8:2 FTS	IS	89.3	40 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
d3-MeFOSAA	IS	94.1	50 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C2-PFUnA	IS	95.0	60 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
d5-EtFOSAA	IS	84.9	50 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C2-PFDoA	IS	83.1	30 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
d3-MeFOSA	IS	30.8	10 - 130		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C2-PFTeDA	IS	82.3	20 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
d5-EtFOSA	IS	31.6	10 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
13C2-PFHxDA	IS	78.4	20 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
d7-MeFOSE	IS	55.7	10 - 150		B0F0145	19-Jun-20	0.108 L	01-Jul-20 06:05	1
d9-EtFOSE	IS	58.2	10 - 150		B0F0145	19-Jun-20	0.108 L	23-Jun-20 21:36	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: EB-Water Level

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: Water Level

Matrix: Aqueous
Date Collected: 10-Jun-20 09:50

Laboratory Data

Lab Sample: 2001271-09
Date Received: 12-Jun-20 09:55

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.806	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFPeA	2706-90-3	ND	1.42	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFBS	375-73-5	ND	1.98	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFHxA	307-24-4	ND	2.41	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFHpA	375-85-9	ND	0.653	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFHxS	355-46-4	ND	1.05	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
6:2 FTS	27619-97-2	ND	2.21	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFOA	335-67-1	ND	0.720	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFHpS	375-92-8	ND	1.04	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFNA	375-95-1	ND	0.896	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFOSA	754-91-6	ND	1.96	4.42		B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:46	1
PFOS	1763-23-1	ND	0.892	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFDA	335-76-2	ND	1.65	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
8:2 FTS	39108-34-4	ND	2.28	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
MeFOSAA	2355-31-9	ND	1.82	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
EtFOSAA	2991-50-6	ND	1.51	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFUnA	2058-94-8	ND	1.16	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFDS	335-77-3	ND	1.36	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFDoA	307-55-1	ND	0.876	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
MeFOSA	31506-32-8	ND	4.37	22.8		B0F0256	26-Jun-20	0.110 L	30-Jun-20 00:21	1
PFTrDA	72629-94-8	ND	0.546	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
PFTeDA	376-06-7	ND	0.835	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
EtFOSA	4151-50-2	ND	5.82	22.8		B0F0256	26-Jun-20	0.110 L	30-Jun-20 00:21	1
PFHxDA	67905-19-5	ND	0.325	4.42		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
MeFOSE	24448-09-7	ND	6.71	22.1		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
EtFOSE	1691-99-2	ND	10.4	22.1		B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:46	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	70.7	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C3-PFPeA	IS	81.7	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C3-PFBS	IS	84.1	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C2-PFHxA	IS	81.7	70 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C4-PFHpA	IS	77.5	60 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C3-PFHxS	IS	86.7	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C2-6:2 FTS	IS	117	40 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C5-PFNA	IS	78.6	50 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C8-PFOSA	IS	38.4	20 - 150		B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:46	1
13C2-PFOA	IS	79.9	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C8-PFOS	IS	95.4	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1

Sample ID: EB-Water Level

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: Water Level

Matrix: Aqueous
Date Collected: 10-Jun-20 09:50

Laboratory Data

Lab Sample: 2001271-09
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	79.7	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C2-8:2 FTS	IS	66.2	40 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
d3-MeFOSAA	IS	70.8	50 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C2-PFUnA	IS	81.9	60 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
d5-EtFOSAA	IS	60.4	50 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
13C2-PFDoA	IS	70.6	30 - 130		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
d3-MeFOSA	IS	11.1	10 - 130		B0F0256	26-Jun-20	0.110 L	30-Jun-20 00:21	1
13C2-PFTeDA	IS	63.0	20 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
d5-EtFOSA	IS	11.5	10 - 150		B0F0256	26-Jun-20	0.110 L	30-Jun-20 00:21	1
13C2-PFHxDA	IS	63.4	20 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
d7-MeFOSE	IS	28.1	10 - 150		B0F0145	19-Jun-20	0.113 L	01-Jul-20 06:16	1
d9-EtFOSE	IS	32.8	10 - 150		B0F0145	19-Jun-20	0.113 L	23-Jun-20 21:46	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-3B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-3B
Matrix: Aqueous
Date Collected: 10-Jun-20 11:53

Laboratory Data

Lab Sample: 2001271-10
Date Received: 12-Jun-20 09:55
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	19.6	0.829	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFPeA	2706-90-3	37.4	1.46	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFBS	375-73-5	4.09	2.04	4.55	J	B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFHxA	307-24-4	67.1	2.48	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFHpA	375-85-9	96.8	0.672	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFHxS	355-46-4	13.4	1.08	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
6:2 FTS	27619-97-2	ND	2.27	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFOA	335-67-1	261	0.740	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFHpS	375-92-8	1.91	1.07	4.55	J	B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFNA	375-95-1	43.4	0.921	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFOSA	754-91-6	11.3	2.01	4.55		B0F0145	19-Jun-20	0.110 L	23-Jun-20 21:57	1
PFOS	1763-23-1	92.7	0.918	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFDA	335-76-2	7.68	1.69	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
8:2 FTS	39108-34-4	ND	2.34	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
MeFOSAA	2355-31-9	ND	1.88	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
EtFOSAA	2991-50-6	3.12	1.56	4.55	J	B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFUnA	2058-94-8	ND	1.19	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFDS	335-77-3	ND	1.40	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFDoA	307-55-1	ND	0.901	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
MeFOSA	31506-32-8	ND	4.36	22.7		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFTrDA	72629-94-8	ND	0.562	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFTeDA	376-06-7	ND	0.859	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
EtFOSA	4151-50-2	ND	5.81	22.7		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
PFHxDA	67905-19-5	ND	0.334	4.55		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
MeFOSE	24448-09-7	ND	6.90	22.7		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
EtFOSE	1691-99-2	ND	10.7	22.7		B0F0145	19-Jun-20	0.110 L	23-Jun-20 21:57	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	69.1	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C3-PFPeA	IS	83.7	60 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C3-PFBS	IS	91.3	60 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C2-PFHxA	IS	80.7	70 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C4-PFHpA	IS	83.4	60 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C3-PFHxS	IS	93.7	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C2-6:2 FTS	IS	110	40 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C5-PFNA	IS	87.2	50 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C8-PFOSA	IS	48.7	20 - 150		B0F0145	19-Jun-20	0.110 L	23-Jun-20 21:57	1
13C2-PFOA	IS	81.9	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C8-PFOS	IS	94.2	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1

Sample ID: GW-AE-3B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-3B

Matrix: Aqueous
Date Collected: 10-Jun-20 11:53

Laboratory Data

Lab Sample: 2001271-10
Date Received: 12-Jun-20 09:55

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	77.5	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C2-8:2 FTS	IS	78.1	40 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
d3-MeFOSAA	IS	80.1	50 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C2-PFUnA	IS	85.1	60 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
d5-EtFOSAA	IS	71.5	50 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C2-PFDoA	IS	75.4	30 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
d3-MeFOSA	IS	13.4	10 - 130		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C2-PFTeDA	IS	69.3	20 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
d5-EtFOSA	IS	13.5	10 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
13C2-PFHxDA	IS	66.7	20 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
d7-MeFOSE	IS	46.4	10 - 150		B0F0145	19-Jun-20	0.110 L	01-Jul-20 06:26	1
d9-EtFOSE	IS	46.2	10 - 150		B0F0145	19-Jun-20	0.110 L	23-Jun-20 21:57	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001271 Temp: 2.4 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley landfill PO#: _____ Sampler: _____ (name)

TAT (check one): Standard: ☒ 21 days Rush (surcharge may apply) ☐ 14 days ☐ 7 days Specify: _____

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Kevin Lewis	6-11-20	1430	Conor Maher Conor Maher	06/12/20	0955

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN: _____

Method of Shipment: Fedex
Tracking No.: _____

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Container(s) Type	Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: List of 26 Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List of 14	537.1 List of 18	Comments
GW-MW-4	6-9-20	0953	MW-4	2	P	AQ					X					
GW-MW-4-DUP		0953	MW-4								X					
GW-FPC-9B		1609	FPC-9B								X					
GW-FPC-3C		1433	FPC-3C								X					
GW-FPC-3A		1333	FPC-3A								X					
GW-FPC-3B		1248	FPC-3B								X					
GW-FPC-2B		1152	FPC-2B								X					
GW-FPC-2A	↓	1105	FPC-2A								X					
EB-Water Level	6-10-20	0950	Water Level								X					
GW-AE-3B		1153	AE-3B								X					

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Beckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 207 795 6004 syerina@cesincusa.com
Email: cbeckman@cesincusa.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other: _____

Bottle Preservation Type: TZ = Trizma: _____

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other: _____

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001271 TAT std

Samples Arrival:	**Date/Time** 06/12/20 0955		**Initials:** CM		**Location:** WR-2 **Shelf/Rack:** N/A		
Delivered By:	FedEx	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	Ice		Blue Ice		Dry Ice		None
Temp °C: 2.4 (uncorrected) **Temp °C:** 2.4 (corrected)			**Probe used: Y / N**		**Thermometer ID:** IR-4		

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Airbill — Trk # 8117 7919 0790	✓		
Shipping Documentation Present?	✓		
Shipping Container: Vista / Client / Retain / Return / Dispose			
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	**Date/Time** 06/15/20 1057	**Initials:** WWS	**Location:** R-13, WR-2 **Shelf/Rack:** B-3, F-5
COC Anomaly/Sample Acceptance Form completed?	✓		

Comments:

CoC/Label Reconciliation Report WO# 2001271

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2001271-01	A GW-MW-4	☑	MW-4	09-Jun-20 09:53	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-01	B GW-MW-4	☑	MW-4	09-Jun-20 09:53	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-02	A GW-MW-4-DUP	☑	MW-4	09-Jun-20 09:53	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-02	B GW-MW-4-DUP	☑	MW-4	09-Jun-20 09:53	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-03	A GW-FPC-9B	☑	FPC-9B	09-Jun-20 16:09	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-03	B GW-FPC-9B	☑	FPC-9B	09-Jun-20 16:09	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-04	A GW-FPC-3C	☑	FPC-3C	09-Jun-20 14:33	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-04	B GW-FPC-3C	☑	FPC-3C	09-Jun-20 14:33	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-05	A GW-FPC-3A	☑	FPC-3A	09-Jun-20 13:33	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-05	B GW-FPC-3A	☑	FPC-3A	09-Jun-20 13:33	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-06	A GW-FPC-3B	☑	FPC-3B	09-Jun-20 12:48	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-06	B GW-FPC-3B	☑	FPC-3B	09-Jun-20 12:48	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-07	A GW-FPC-2B	☑	FPC-2B	09-Jun-20 11:52	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-07	B GW-FPC-2B	☑	FPC-2B	09-Jun-20 11:52	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-08	A GW-FPC-2A	☑	FPC-2A	09-Jun-20 11:05	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-08	B GW-FPC-2A	☑	FPC-2A	09-Jun-20 11:05	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-09	A EB-Water Level	☐ (a)	Water Level	10-Jun-20 09:50	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-09	B EB-Water Level	☐ (a)	Water Level	10-Jun-20 09:50	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-10	A GW-AE-3B	☑	AE-3B	10-Jun-20 11:53	☑	HDPE Bottle, 125 mL	Aqueous	
2001271-10	B GW-AE-3B	☑	AE-3B	10-Jun-20 11:53	☑	HDPE Bottle, 125 mL	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma (None) Other		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments: ⑧ sample label: GW-EB-WATERLEVEL
Sample labels all have "KD" handwritten at the end of ID's.

Verifed by/Date: WWS 06/15/20

Vista Analytical Laboratory

ANOMALY FORM

Vista Work Order 2001271

Initial/Date — The following checked issues were noted during sample receipt and login:

Initial/Date		
	☐	**1. The samples were received out of temperature at (WI-PHT):** _____ Was Ice present: Yes No Melted Blue Ice
	☐	2. The Chain-of-Custody (CoC) was not relinquished properly.
	☐	3. The CoC did not include collection time(s). 00:00 will be used unless notified otherwise.
	☐	4. The sample(s) did not include a sample collection time. All or Sample Name: _____
WS 05/15/20	☑	5. A sample ID discrepancy was found. See the Reconciliation report. The CoC Sample ID will be used unless notified otherwise.
	☐	6. A sample date and/or time discrepancy was found. See the Reconciliation report. The CoC Sample date/time will be used unless notified otherwise.
	☐	**7. The CoC did not include a sample matrix. The following sample matrix will be used:** _____
	☐	**8. Insufficent volume received for analysis. All or Sample Name:** _____
	☐	9. The backup bottle was received broken. Sample Name: _____
	☐	**10. CoC not received, illegible or destroyed.**
	☐	**11. The sample(s) were received out of holding time. All or Sample Name:** _____
	☐	**12. The CoC did not include an analysis. All or Sample Name:** _____
	☐	**13. Sample(s) received without collection date. All or Sample Name:** _____
	☐	**14. Sample(s) not received. All or Sample Name:** _____
	☐	**15. Sample(s) received broken. All or Sample Name:** _____
	☐	**16. An incorrect container-type was used. All or Sample Name:** _____
	☐	17. Other:

Bolded items require sign-off

Client Contacted: _____

Date of Contact: _____

Vista Client Manager: _____

Resolution:

EXTRACTION INFORMATION

Process Sheet

Workorder: 2001271

Prep Expiration: 2020-06-23
Client: CES Inc.

Workorder Due: 03-Jul-20 00:00

TAT: 21

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOF0145

Prep Data Entered: ME 06/20/2020
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: SOP0069

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001271-01	A	☑	☑	GW-MW-4		R-13 A-3	HDPE Bottle, 125 mL
2001271-02		☑	☑	GW-MW-4-DUP		R-13 A-3	HDPE Bottle, 125 mL
2001271-03		☑	☑	GW-FPC-9B		R-13 A-3	HDPE Bottle, 125 mL
2001271-04		☑	☑	GW-FPC-3C		R-13 A-3	HDPE Bottle, 125 mL
2001271-05		☑	☑	GW-FPC-3A		R-13 A-3	HDPE Bottle, 125 mL
2001271-06		☑	☑	GW-FPC-3B		R-13 A-3	HDPE Bottle, 125 mL
2001271-07		☑	☑	GW-FPC-2B		R-13 A-3	HDPE Bottle, 125 mL
2001271-08		☑	☑	GW-FPC-2A		R-13 A-3	HDPE Bottle, 125 mL
2001271-09		☐	☐	EB-Water Level	"GW-EB - Waterlevel" ✓	R-13 A-3	HDPE Bottle, 125 mL
2001271-10		☑	☐	GW-AE-3B ✓		R-13 A-3	HDPE Bottle, 125 mL

WO Comments: **Report to MDL**

Pre-Prep Check Out: CHT 06/16/20
Pre-Prep Check In: CHT 06/16/20

Prep Check Out: ME 06/19/2020
Prep Check In: N/A

Prep Reconciled Initals/Date: CHT 06/16/20
Spike Reconciled Initals/Date: ME 06/19/2020
VialBoxID: AMP

Matrix: Aqueous
Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0145

Chemist: ME
Prep Date: 06/19/2020
Prep Time: 0701
Hood#: 06

Prepared using: ☐ Sonication Shaker ☒ SPE Extraction ☒ Centrifuge ID: C3

Rec Date/Initals: HP 06/20/20 | Date/Initals: CHT 06/16/20 | BalanceID: HRNS-4

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☒	B0F0145-BLK1	☐	☐	5	0	NA	NA	(0.125)	ME LW 06/19/2020	ME 06/19/2020	N/A
☒	B0F0145-BS1	☐	☐	5	0	↓	↓	(0.125)	↓	↓	↓
☒	2001271-01 ②	☐	☐	6	0	136.74	26.70	0.11004	↓	↓	↓
☒	2001271-02	☐	☐	6	0	138.38	26.51	0.11187	↓	↓	↓
☐	2001271-03	☐	☐	6	0	139.13	26.46	0.11267	↓	↓	↓
☐	2001271-04	☐	☐	6	0	138.28	26.67	0.11161	↓	↓	↓
☐	2001271-05	☐	☐	6	0	134.47	26.48	0.10799	↓	↓	↓
☐	2001271-06	☐	☐	6	0	140.11	26.70	0.11341	↓	↓	↓
☐	2001271-07	☐	☐	5	0	136.13	26.69	0.10944	↓	↓	↓
☒	2001271-08	☐	☐	5	0	135.01	26.60	0.10841	↓	↓	↓
☐	2001271-09	☐	☐	5	0	139.70	26.64	0.11306	↓	↓	↓
☒	2001271-10 ②	☐	☐	6	0	136.66	26.74	0.10992	↓	↓	↓

IS: 20E1201, (V19), 10µL
IS SUP: 20D2301, (V3), 20µL
NS: 20E1201, (V12), 10µL
NS SUP: N/A

SPE Chem: Strata-XL-4W 100µm 200mg/6mL
SPE Lot#: S18-006863
ENVI-Carb Lot#: N/A
Ele SOLV: MeOH/0.5%NH4OH in MeOH
Final Volume(s) 1 mL

Notes:
② ME 06/19/2020.

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0F0145

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001271-01	0.11004	N/A	N/A	1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-02	0.11187			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-03	0.11267			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-04	0.11161			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-05	0.10799			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-06	0.11341			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-07	0.10944			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-08	0.10841			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-09	0.11306			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
2001271-10	0.10992			1000	19-Jun-20 07:01	ME			Aqueous	537M PFAS
B0F0145-BLK1	0.125			1000	19-Jun-20 07:01	ME				QC
B0F0145-BS1	0.125			1000	19-Jun-20 07:01	ME	20E1202	10		QC

All bolded data on report verified against written benchsheet by (initial/date) ME 06/20/20

Printed: 6/20/2020 3:06:07PM
Page 1 of 1

Process Sheet

Workorder: 2001271

RX 06/25/20

Prep Expiration: 2020-06-23
Client: CES Inc.

Workorder Due: 03-Jul-20 00:00

TAT: 21

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: B0F0256

Prep Data Entered: N 06/27/20
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: S0F0094

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001271-01		☐	☐	GW-MW-4		R-13 A-3	HDPE Bottle, 125 mL
2001271-02		☐	☐	GW-MW-4-DUP		R-13 A-3	HDPE Bottle, 125 mL
2001271-03		☐	☐	GW-FPC-9B		R-13 A-3	HDPE Bottle, 125 mL
2001271-04		☐	☐	GW-FPC-3C		R-13 A-3	HDPE Bottle, 125 mL
2001271-05		☐	☐	GW-FPC-3A		R-13 A-3	HDPE Bottle, 125 mL
2001271-06		☐	☐	GW-FPC-3B		R-13 A-3	HDPE Bottle, 125 mL
2001271-07	B	☑	☑	GW-FPC-2B		R-13 A-3	HDPE Bottle, 125 mL
2001271-08		☐	☐	GW-FPC-2A		R-13 A-3	HDPE Bottle, 125 mL
2001271-09	B	☐	☐	EB-Water Level	GW-EB - Waterlevel	R-13 A-3	HDPE Bottle, 125 mL
2001271-10		☐	☐	GW-AE-3B		R-13 A-3	HDPE Bottle, 125 mL

WO Comments: **Report to MDL**

Pre-Prep Check Out: CHT 06/26/20
Pre-Prep Check In: CHT 06/26/20
Prep Check Out: N/A
Prep Check In: N/A
Prep Reconciled Initals/Date: CHT 06/26/20
Spike Reconciled Initals/Date: HP 06/26/20
VialBoxID: OK

Matrix: Aqueous
Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0256

Chemist: HP
Prep Date: 06/26/20
Prep Time: 11:26
Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☐ Centrifuge ID: _____

Rec Date/Initals: HP 06/27/20 | Date/Initals: CHT 06/26/20 | BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☐	B0F0256-BLK1	☑	☑	5	0	NA	NA	(0.125)	HP ME 06/26/20	HP 06/26/20	N/A
☐	B0F0256-BS1	☑	☑	5	0	↓	↓	(0.125)	↓	↓	↓
☐	2001271-07RE1	☑	☑	*5-6	0	146.75	26.43	0.11932	↓	↓	↓
☐	2001271-09RE1	☑	☑	5	0	136.34	26.68	0.10966	↓	↓	↓

IS: 20E1201 10mL (VIS)
IS SUP: 20F1201 20mL (V9)
NS: 20E1202 10mL (V12)
NS SUP: N/A

SPE Chem: Strata X-AW 33µm 200mg/6mL
SPE Lot#: S19-0062380
ENVI-Carb Lot#: N/A
Ele SOLV: MeOH/0.5%NH4OH in MeOH
Final Volume(s) 1 mL

Notes:
* CHT 06/26/20

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0F0256

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001271-07RE1	0.11932 ✓	NA	NA	1000	26-Jun-20 11:26	HRP			Aqueous	537M PFAS
2001271-09RE1	0.10966 ✓			1000	26-Jun-20 11:26	HRP			Aqueous	537M PFAS
B0F0256-BLK1	0.125			1000	26-Jun-20 11:26	HRP				QC
B0F0256-BS1	0.125			1000	26-Jun-20 11:26	HRP	20E1202 ✓	10 ✓		QC

All bolded data on report verified against written benchsheet by (initial/date) N 06/27/20

Printed: 6/27/2020 9:04:18AM
Page 1 of 1

Sample Data – PFAS Isotope Dilution Method

Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-50.qld

Last Altered: Thursday, July 02, 2020 16:22:51 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:31:45 Pacific Daylight Time

Name: 200623P1-50, Date: 23-Jun-2020, Time: 19:30:21, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78		3.098e3	0.125		4.49						YES
2	46	N-EtFOSE	630.1 > 58.9		1.079e4	0.125		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	3.098e3		0.125	461.908	4.57	4.49	3100	53.656	53.7		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.079e4		0.125	170.570	6.38	6.38	10800	505.879	42.4		
5	-1													

RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

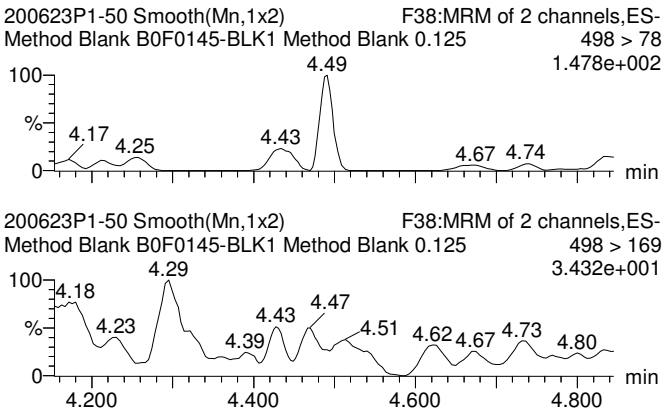
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-50.qld

Last Altered: Thursday, July 02, 2020 16:22:51 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:31:45 Pacific Daylight Time

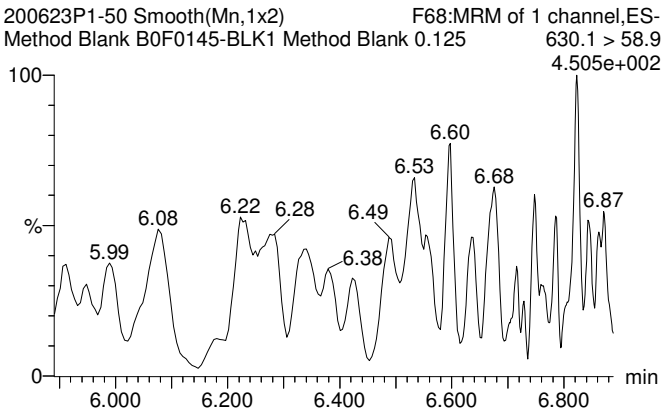
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:22:51
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-50, Date: 23-Jun-2020, Time: 19:30:21, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

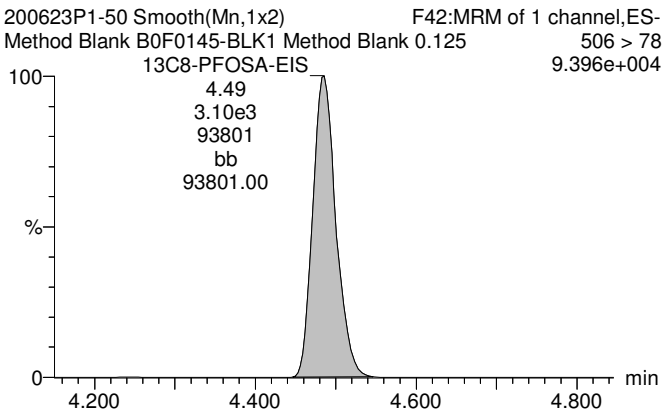
PFOSA



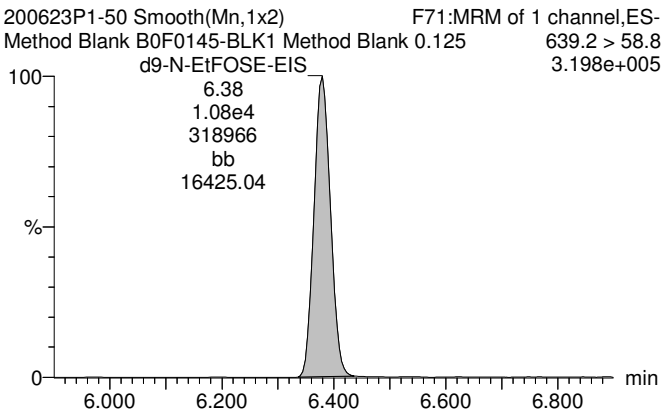
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		3.917e3	0.125		1.54						
2	4	PFPeA	263.1 > 218.9		5.337e3	0.125		2.54						
3	5	PFBS	299.0 > 79.7		1.287e3	0.125		2.82						YES
4	7	PFHxA	313.0 > 269.0		8.901e3	0.125		3.36						YES
5	11	PFHpA	363.0 > 318.9		5.278e3	0.125		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.917e3		0.125	371.472	1.61	1.54	3920	84.348	84.3		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.337e3		0.125	440.123	2.61	2.54	5340	97.013	97.0		
8	51	13C3-PFBS-EIS	302.0 > 99	1.287e3		0.125	108.310	2.97	2.82	1290	95.086	95.1		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.901e3		0.125	775.415	3.41	3.36	8900	91.828	91.8		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.278e3		0.125	449.866	4.01	3.96	5280	93.858	93.9		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.840e3	0.125		4.10						YES
13	1...	Total PFHxS	399 > 80	0.000e0	2.840e3	0.125		3.83		0.000				
14	15	6:2 FTS	427 > 407.0		1.745e3	0.125		4.42						YES
15	19	PFHpS	448.9 > 80.0		3.221e3	0.125		4.57						YES
16	21	PFNA	463.0 > 418.8		9.015e3	0.125		4.91						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.840e3		0.125	253.746	4.16	4.10	2840	89.532	89.5		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.840e3		0.125	253.746	4.16	4.10	2840	89.532	89.5		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.745e3		0.125	112.797	4.48	4.42	1750	123.781	123.8		
20	73	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.125	253.261	5.04	4.99	3220	101.745	101.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.015e3		0.125	780.691	4.96	4.91	9010	92.379	92.4		
22	-1													
23	16	L-PFOA	412.8 > 368.9		1.198e4	0.125		4.47						YES
24	1...	Total PFOA	412.8 > 368.9	0.000e0	1.198e4	0.125		4.20		0.000				
25	23	L-PFOS	499 > 80		3.221e3	0.125		4.99						YES
26	1...	Total PFOS	499 > 80	0.000e0	3.221e3	0.125		4.73		0.000				
27	26	PFDA	513 > 468.8		9.411e3	0.125		5.28						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.198e4		0.125	1032.548	4.53	4.47	12000	92.824	92.8		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.198e4		0.125	1032.548	4.53	4.47	12000	92.824	92.8		
30	73	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.125	253.261	5.04	4.99	3220	101.745	101.7		
31	73	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.125	253.261	5.04	4.99	3220	101.745	101.7		
32	75	13C2-PFDA-EIS	515.1 > 469.9	9.411e3		0.125	863.274	5.33	5.28	9410	87.210	87.2		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		1.919e3	0.125		5.25						YES
35	29	L-MeFOSAA	570 > 419		7.642e3	0.125		5.43						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.642e3	0.125		5.17		0.000				

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.540e4	0.125		5.60						YES
38	34	PFDS	599.0 > 80.0		3.221e3	0.125		5.71						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	1.919e3		0.125	200.576	5.31	5.25	1920	76.522	76.5		
40	79	d3-N-MeFOSAA-EIS	573. > 419	7.642e3		0.125	772.961	5.48	5.43	7640	79.095	79.1		
41	79	d3-N-MeFOSAA-EIS	573. > 419	7.642e3		0.125	772.961	5.48	5.43	7640	79.095	79.1		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.540e4		0.125	1406.602	5.65	5.60	15400	87.585	87.6		
43	73	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.125	253.261	5.04	4.99	3220	101.745	101.7		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.147e3	0.125		5.58						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.147e3	0.125		5.33		0.000				
47	37	PFDoA	612.9 > 569.0		1.456e4	0.125		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.456e4	0.125		6.15						YES
49	41	PFTeDA	713.0 > 669.0		9.855e3	0.125		6.33						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	6.147e3		0.125	680.656	5.63	5.58	6150	72.250	72.3		
51	83	d5-N-EtFOSAA-EIS	589. > 419	6.147e3		0.125	680.656	5.63	5.58	6150	72.250	72.3		
52	85	13C2-PFDoA-EIS	615 > 570	1.456e4		0.125	1620.087	5.93	5.88	14600	71.878	71.9		
53	85	13C2-PFDoA-EIS	615 > 570	1.456e4		0.125	1620.087	5.93	5.88	14600	71.878	71.9		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	9.855e3		0.125	1080.991	6.37	6.33	9860	72.936	72.9		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		3.037e3	0.125		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		4.306e3	0.125		6.15						YES
58	43	PFHxDA	813.1 > 768.6		1.156e4	0.125		6.62						YES
59	45	N-MeFOSE	616.1 > 58.9		3.998e3	0.125		6.33						
60	1...	TDCA	498.3>106.9			0.125		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	3.037e3		0.125	84.650	5.81	5.78	3040	287.057	24.0		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	4.306e3		0.125	120.333	6.18	6.17	4310	286.277	24.0		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.156e4		0.125	1527.484	6.65	6.62	11600	60.555	60.6		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	3.998e3		0.125	71.023	6.26	6.33	4000	450.285	37.7		
65	73	13C8-PFOS-EIS	507.0 > 80	3.221e3		0.125	253.261	5.04	4.99	3220	101.745	101.7		

RK 7/2/2020

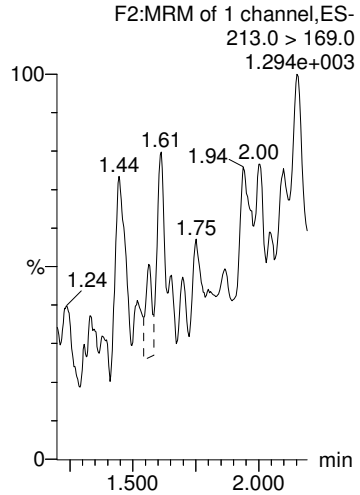
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 16:56:25
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

PFBA



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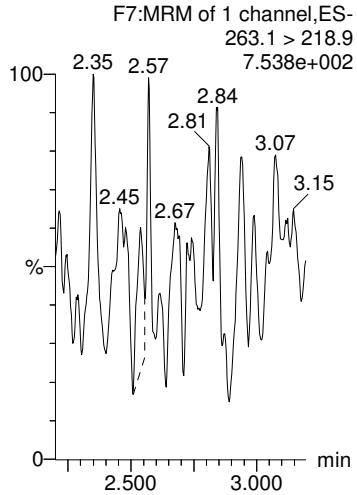

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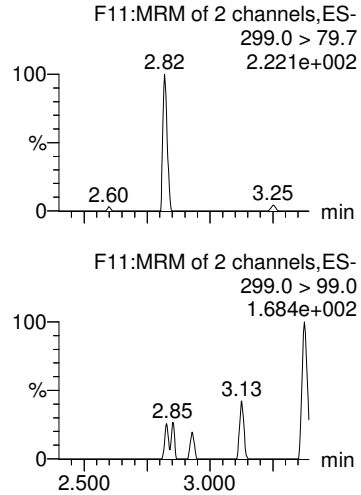

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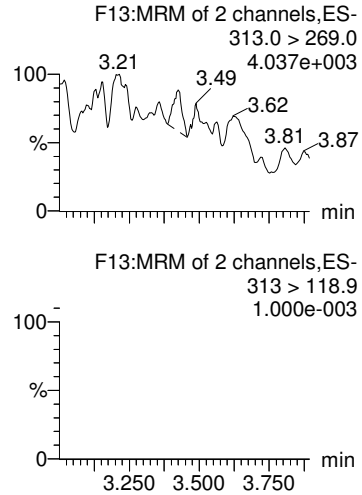

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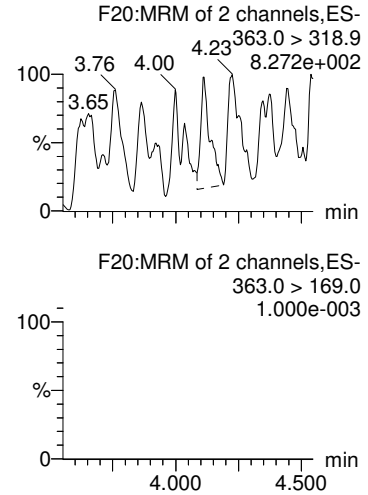

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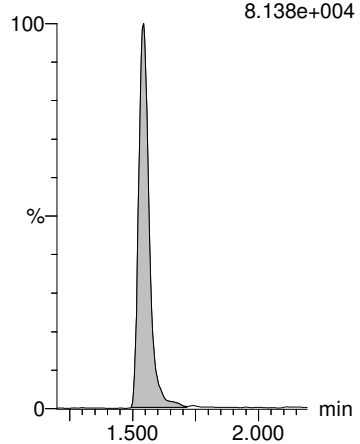

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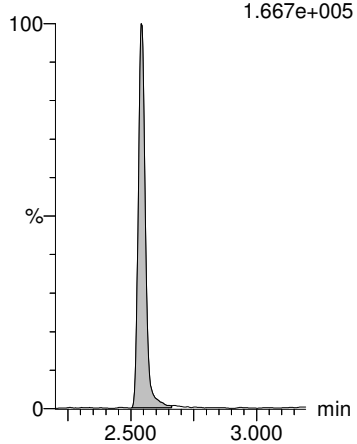

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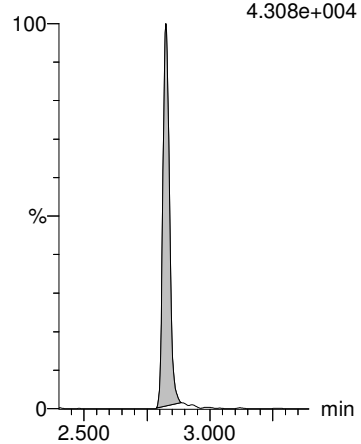

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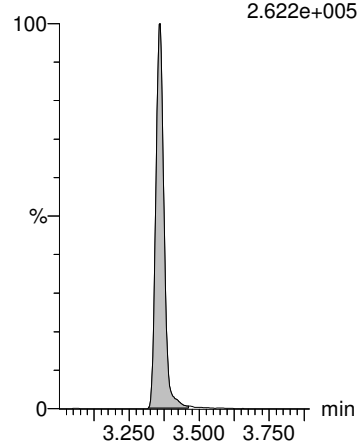

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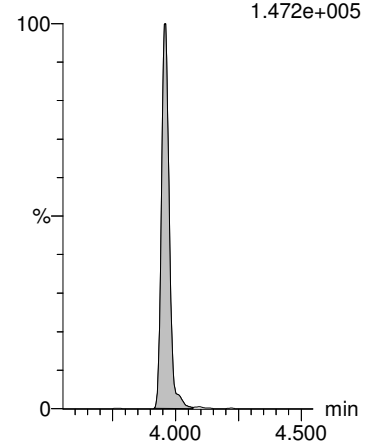


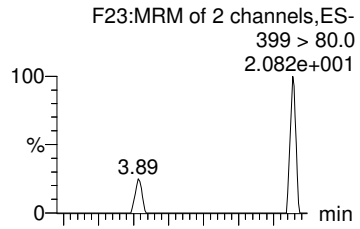
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

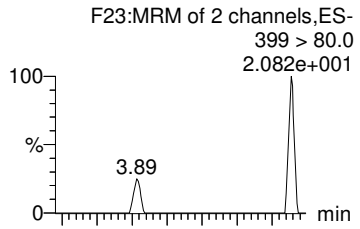
Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

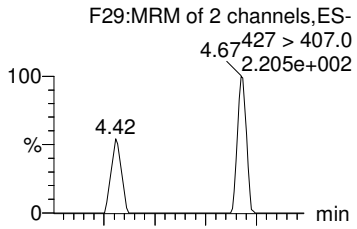
L-PFHxS



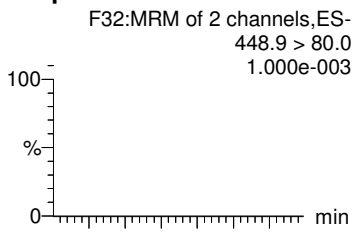
Total PFHxS



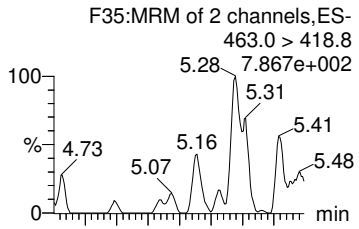
6:2 FTS



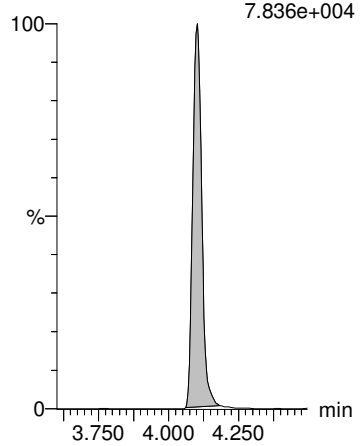
PFHpS



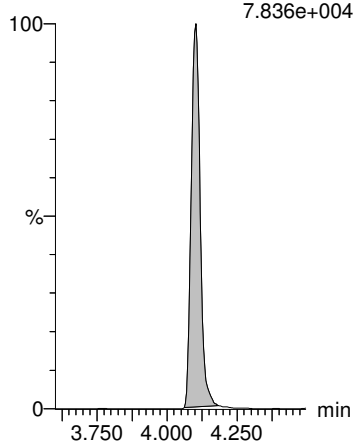
PFNA



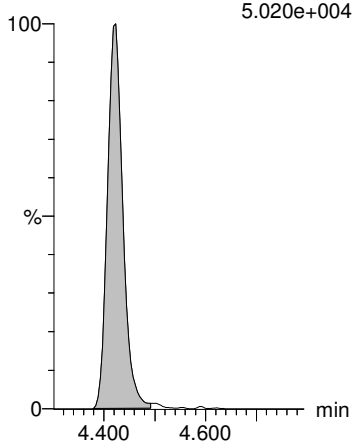
13C3-PFHxS-EIS



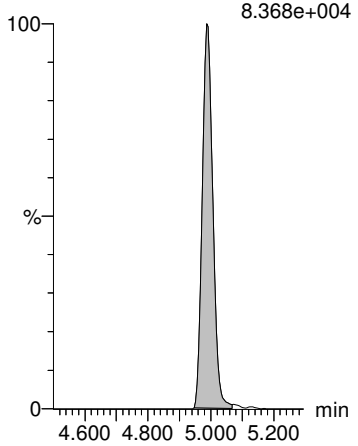
13C3-PFHxS-EIS



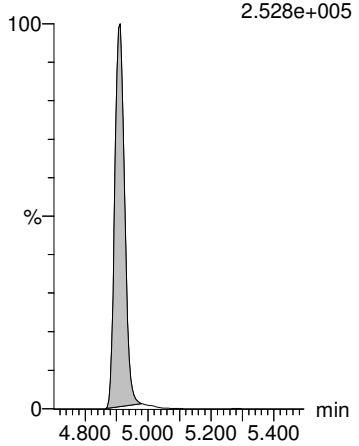
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

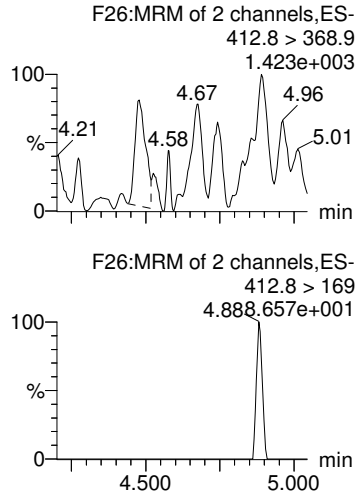


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

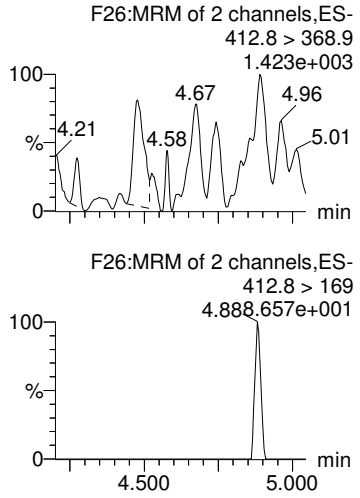
Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

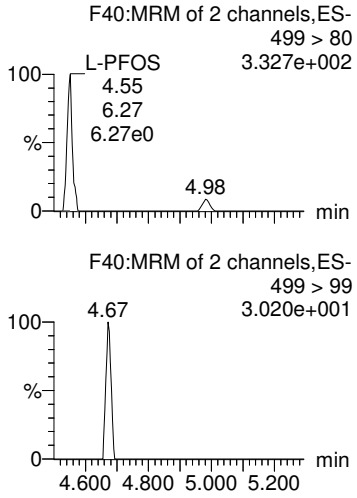
L-PFOA



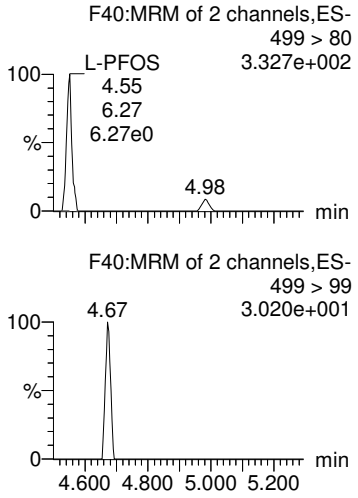
Total PFOA



L-PFOS



Total PFOS



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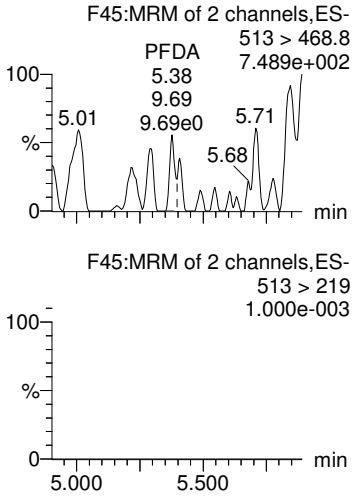
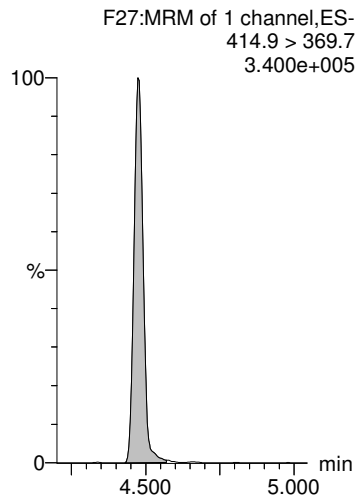


13C2-PFOA-EIS



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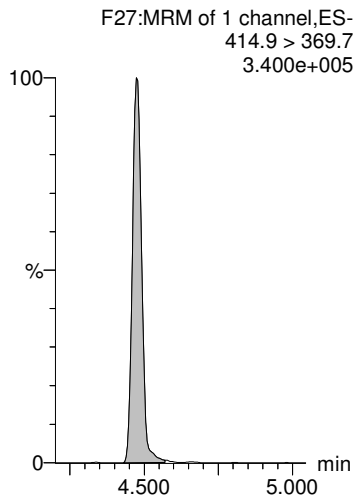

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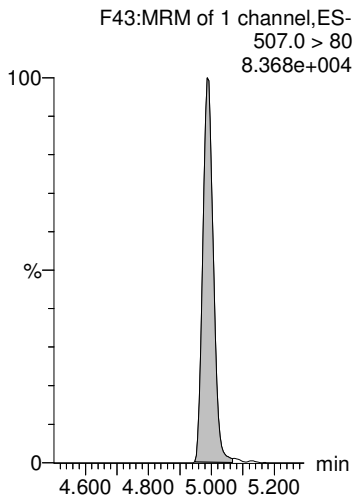

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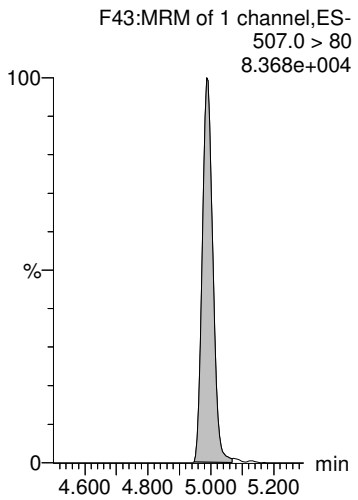

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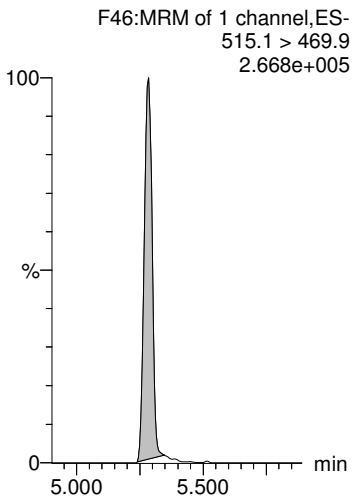
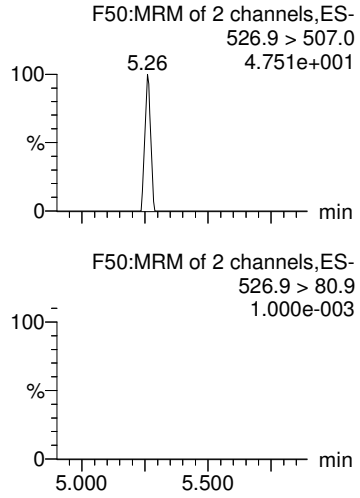


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

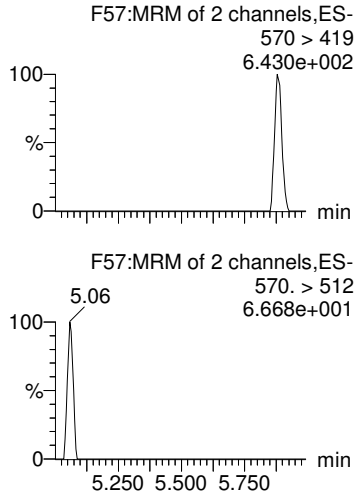
Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

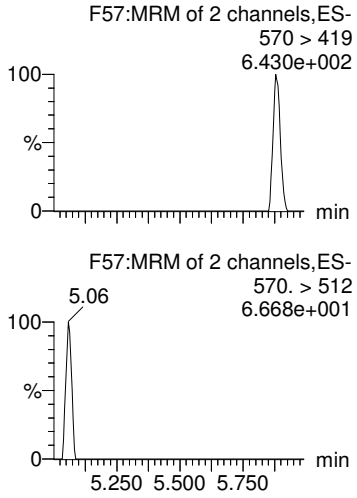
8:2 FTS



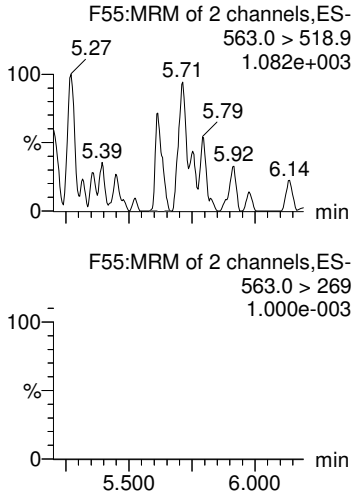
L-MeFOSAA



Total N-MeFOSAA



PFUdA



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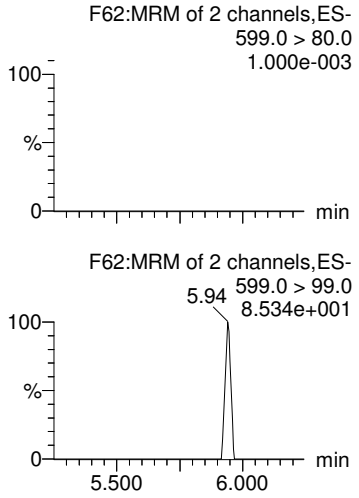
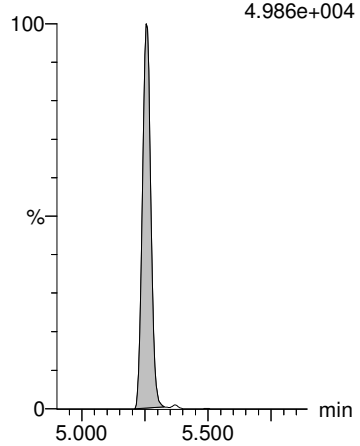
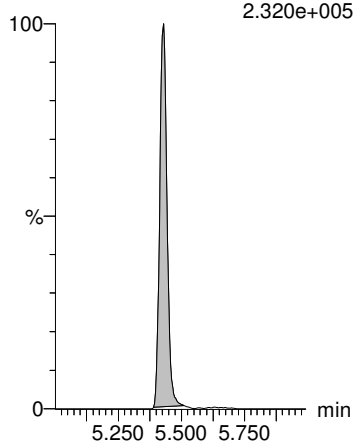


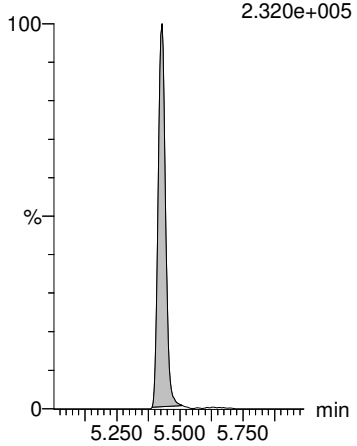
13C2-8:2 FTS-EIS



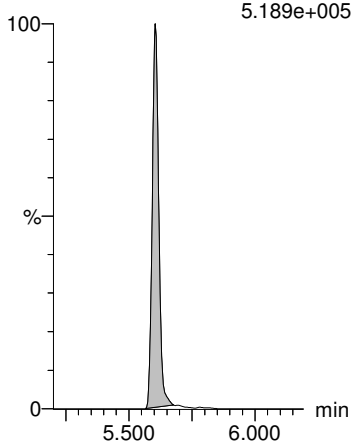
d3-N-MeFOSAA-EIS



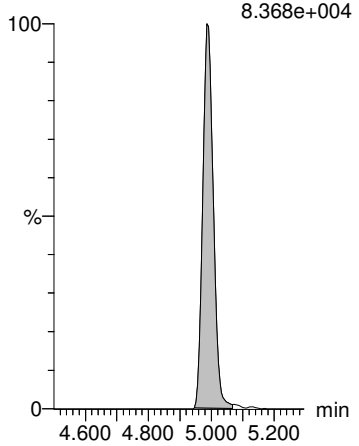
d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



13C8-PFOS-EIS

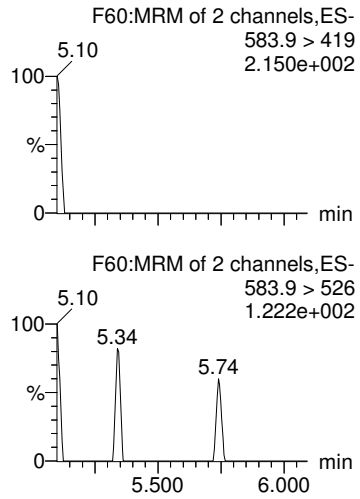


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

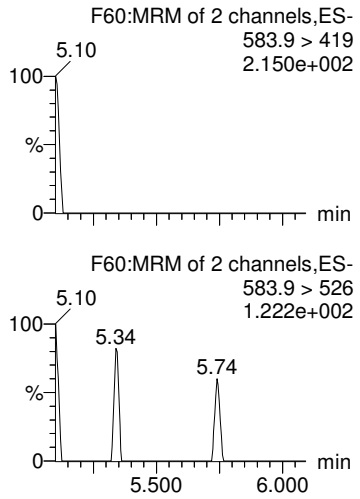
Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

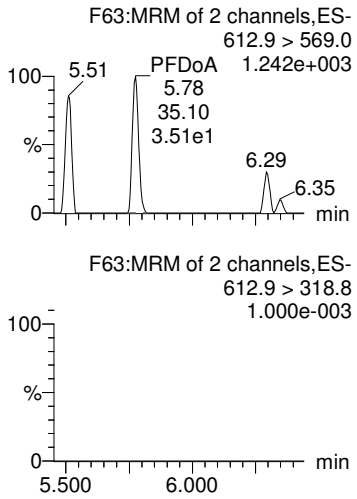
L-EtFOSAA



Total N-EtFOSAA



PFDoA



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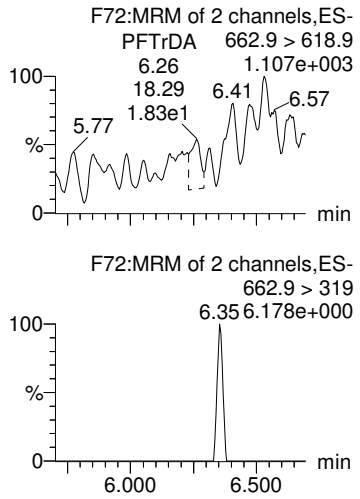

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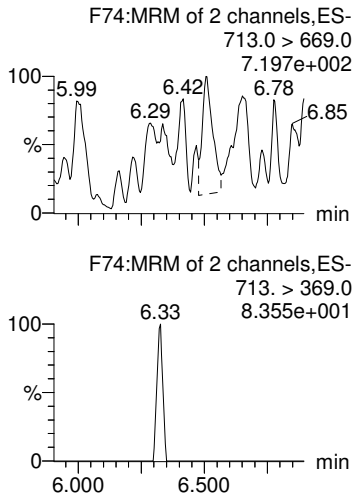
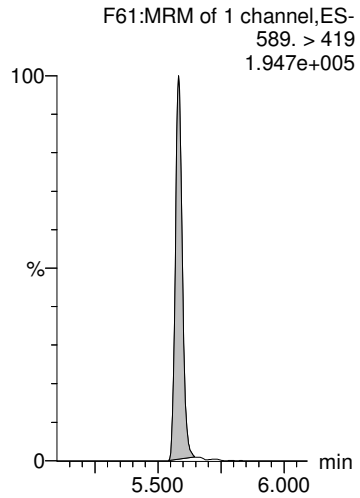


d5-N-EtFOSAA-EIS



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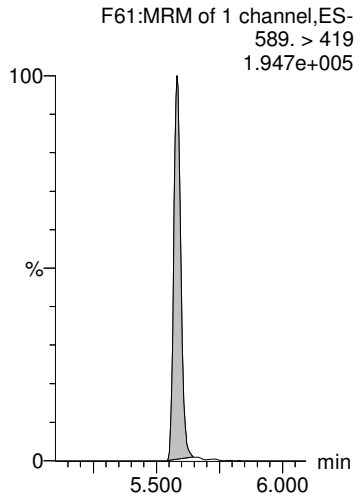
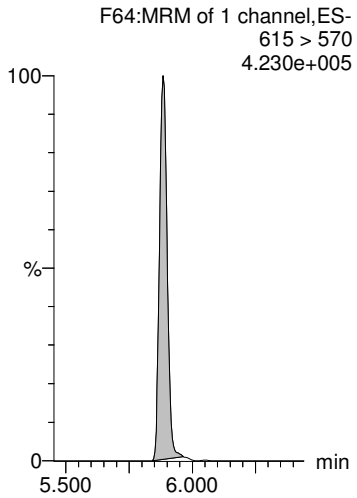
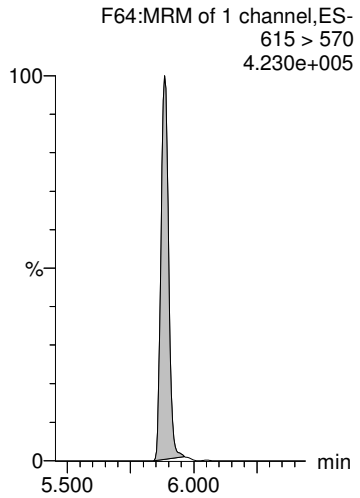


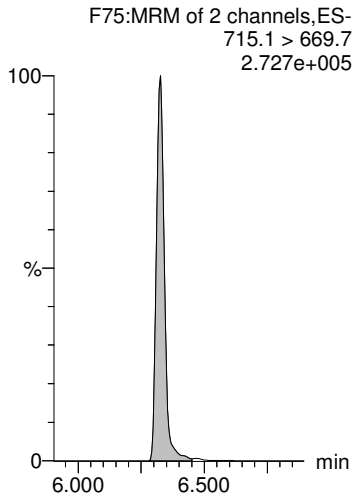
13C2-PFDoA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS

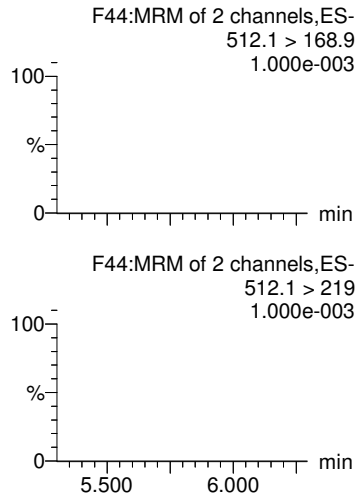


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-75.qld

Last Altered: Thursday, July 02, 2020 17:08:19 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:08:58 Pacific Daylight Time

Name: 200630M1_75, Date: 01-Jul-2020, Time: 04:11:42, ID: B0F0145-BLK1 Method Blank 0.125, Description: Method Blank

N-MeFOSA



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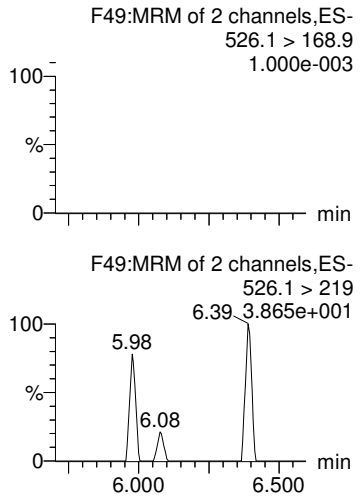

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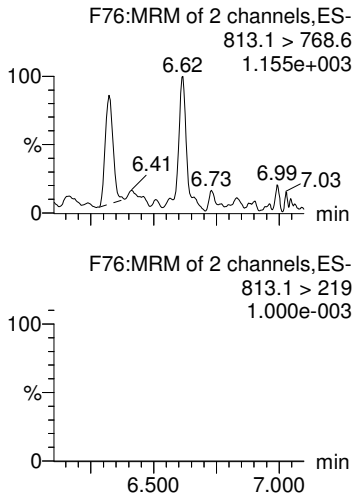
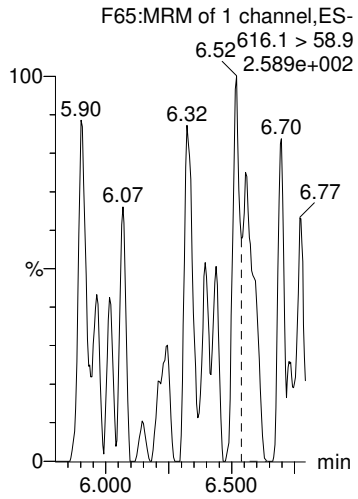
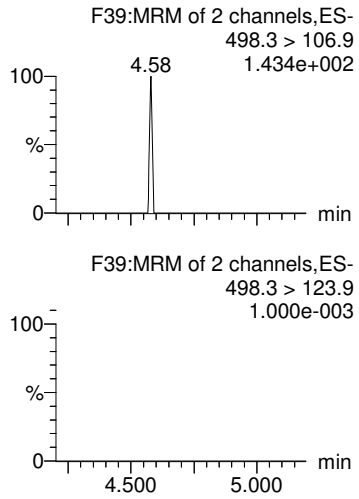


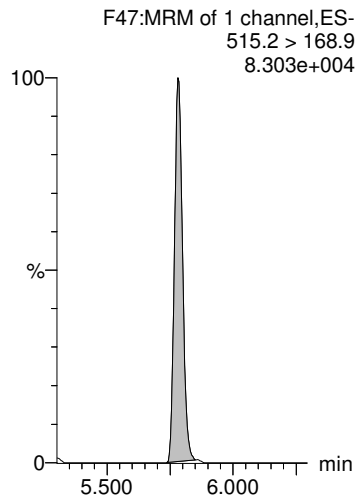
N-MeFOSE



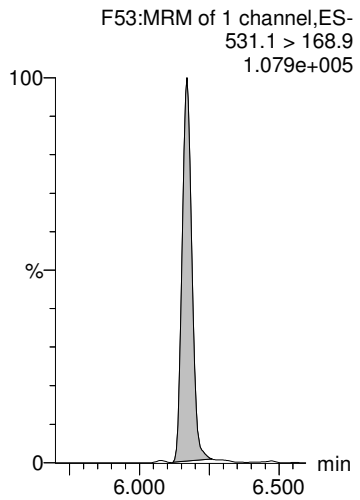
TDCA



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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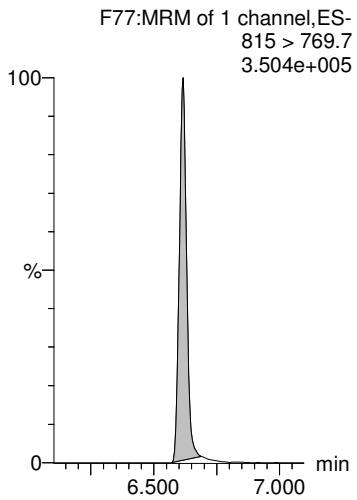

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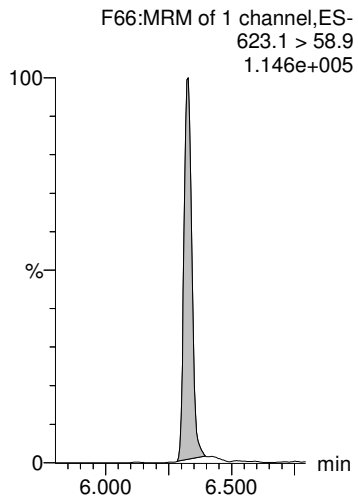
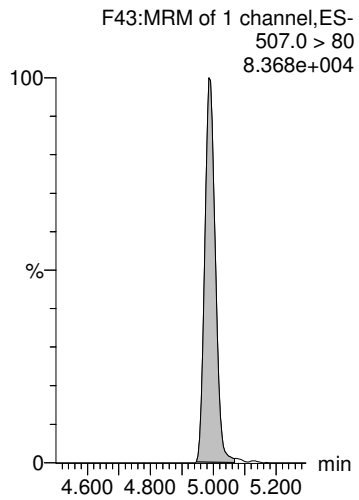


13C8-PFOS-EIS



Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-51.qld

Last Altered: Thursday, July 02, 2020 16:33:06 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:34:02 Pacific Daylight Time

Name: 200623P1-51, Date: 23-Jun-2020, Time: 19:40:50, ID: B0F0145-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	1.324e3	2.747e3	0.125		4.49	4.48	6.03	70.433	88.0	21.653	NO
2	46	N-EtFOSE	630.1 > 58.9	3.380e3	9.176e3	0.125		6.38	6.39	55.0	401.050	100.3		
3	67	13C8-PFOSA-EIS	506 > 78	2.747e3		0.125	461.908	4.57	4.49	2750	47.568	47.6		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9.176e3		0.125	170.570	6.38	6.38	9180	430.383	36.1		
5	-1													

RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

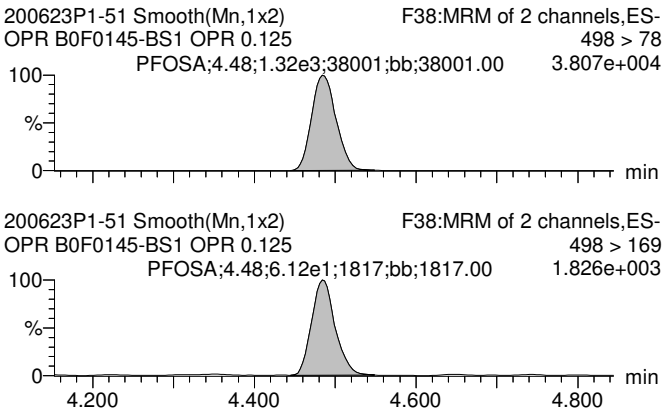
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-51.qld

Last Altered: Thursday, July 02, 2020 16:33:06 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:34:02 Pacific Daylight Time

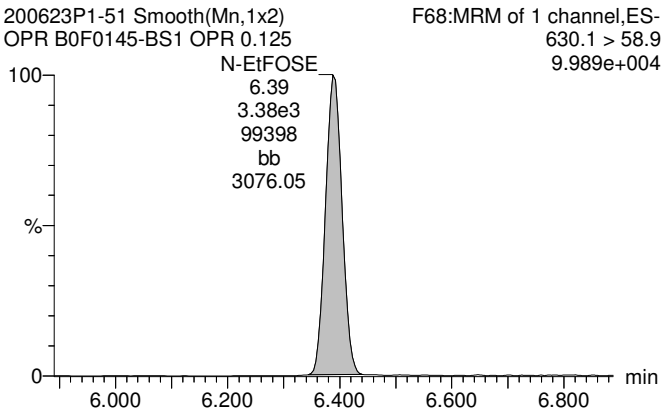
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:33:06
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-51, Date: 23-Jun-2020, Time: 19:40:50, ID: B0F0145-BS1 OPR 0.125, Description: OPR

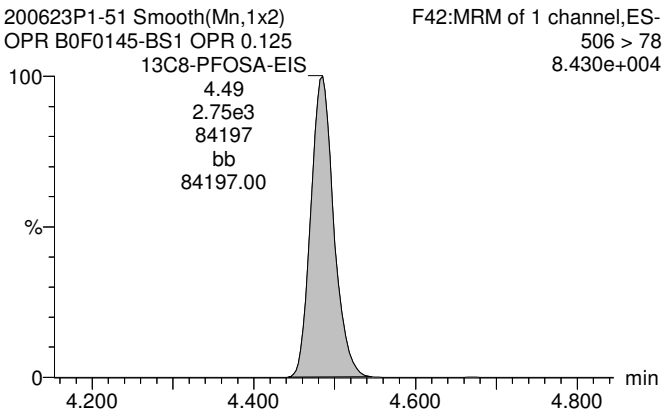
PFOSA



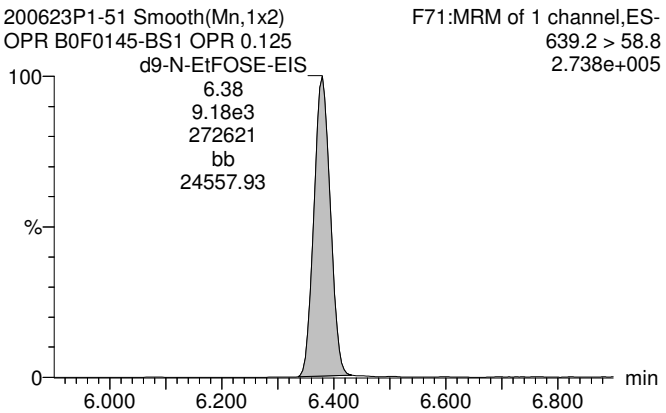
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-76.qld

Last Altered: Monday, July 06, 2020 19:00:09 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:03:47 Pacific Daylight Time

Name: 200630M1_76, Date: 01-Jul-2020, Time: 04:22:05, ID: B0F0145-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4.176e3	3.442e3	0.125		1.54	1.54	15.2	79.717	99.6		
2	4	PFPeA	263.1 > 218.9	3.438e3	4.690e3	0.125		2.54	2.54	9.16	77.686	97.1		
3	5	PFBS	299.0 > 79.7	2.020e3	1.295e3	0.125		2.82	2.83	19.5	77.853	97.3	2.68	NO
4	7	PFHxA	313.0 > 269.0	7.753e3	8.561e3	0.125		3.36	3.36	11.3	79.528	99.4	19.0	NO
5	11	PFHpA	363.0 > 318.9	4.646e3	4.857e3	0.125		3.96	3.96	12.0	76.994	96.2	8.41	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.442e3		0.125	371.472	1.61	1.54	3440	74.130	74.1		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.690e3		0.125	440.123	2.61	2.54	4690	85.248	85.2		
8	51	13C3-PFBS-EIS	302.0 > 99	1.295e3		0.125	108.310	2.97	2.82	1300	95.680	95.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.561e3		0.125	775.415	3.41	3.36	8560	88.322	88.3		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.857e3		0.125	449.866	4.01	3.96	4860	86.377	86.4		
11	-1													
12	13	L-PFHxS	399 > 80.0	2.310e3	2.817e3	0.125		4.10	4.10	10.2	77.546	96.9	1.62	NO
13	1...	Total PFHxS	399 > 80	2.310e3	2.817e3	0.125		3.83		10.2	77.546			
14	15	6:2 FTS	427 > 407.0	3.802e3	1.761e3	0.125		4.42	4.42	27.0	73.074	91.3	1.98	NO
15	19	PFHpS	448.9 > 80.0	2.347e3	3.046e3	0.125		4.57	4.58	9.63	85.588	107.0	1.86	NO
16	21	PFNA	463.0 > 418.8	9.287e3	8.990e3	0.125		4.91	4.91	12.9	71.847	89.8	3.40	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.817e3		0.125	253.746	4.16	4.10	2820	88.810	88.8		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.817e3		0.125	253.746	4.16	4.10	2820	88.810	88.8		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.761e3		0.125	112.797	4.48	4.42	1760	124.903	124.9		
20	73	13C8-PFOS-EIS	507.0 > 80	3.046e3		0.125	253.261	5.04	4.99	3050	96.207	96.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.990e3		0.125	780.691	4.96	4.91	8990	92.121	92.1		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.275e4	1.081e4	0.125		4.47	4.47	14.7	75.931	94.9	3.45	NO
24	1...	Total PFOA	412.8 > 368.9	1.275e4	1.081e4	0.125		4.20		14.7	75.931			
25	23	L-PFOS	499 > 80	2.554e3	3.046e3	0.125		4.99	4.99	10.5	85.034	106.3	1.94	NO
26	1...	Total PFOS	499 > 80	2.554e3	3.046e3	0.125		4.73		10.5	85.034			
27	26	PFDA	513 > 468.8	1.110e4	8.667e3	0.125		5.28	5.28	16.0	77.815	97.3	5.08	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.081e4		0.125	1032.548	4.53	4.47	10800	83.750	83.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.081e4		0.125	1032.548	4.53	4.47	10800	83.750	83.7		
30	73	13C8-PFOS-EIS	507.0 > 80	3.046e3		0.125	253.261	5.04	4.99	3050	96.207	96.2		
31	73	13C8-PFOS-EIS	507.0 > 80	3.046e3		0.125	253.261	5.04	4.99	3050	96.207	96.2		
32	75	13C2-PFDA-EIS	515.1 > 469.9	8.667e3		0.125	863.274	5.33	5.28	8670	80.317	80.3		
33	-1													
34	27	8:2 FTS	526.9 > 507.0	3.831e3	2.169e3	0.125		5.25	5.26	22.1	74.489	93.1	1.58	NO
35	29	L-MeFOSAA	570 > 419	5.140e3	7.649e3	0.125		5.43	5.43	8.40	78.685	98.4	2.85	NO
36	1...	Total N-MeFOSAA	570. > 419	5.140e3	7.649e3	0.125		5.17		8.40	78.685			

GM 7/6/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-76.qld

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Name: 200630M1_76, Date: 01-Jul-2020, Time: 04:22:05, ID: B0F0145-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9	1.045e4	1.494e4	0.125		5.61	5.60	8.75	77.691	97.1	7.73	NO
38	34	PFDS	599.0 > 80.0	1.848e3	3.046e3	0.125		5.71	5.65	7.58	71.322	89.2	1.55	NO
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2.169e3		0.125	200.576	5.31	5.25	2170	86.523	86.5		
40	79	d3-N-MeFOSAA-EIS	573. > 419	7.649e3		0.125	772.961	5.48	5.43	7650	79.164	79.2		
41	79	d3-N-MeFOSAA-EIS	573. > 419	7.649e3		0.125	772.961	5.48	5.43	7650	79.164	79.2		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.494e4		0.125	1406.602	5.65	5.61	14900	84.957	85.0		
43	73	13C8-PFOS-EIS	507.0 > 80	3.046e3		0.125	253.261	5.04	4.99	3050	96.207	96.2		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	4.743e3	6.249e3	0.125		5.58	5.59	9.49	71.214	89.0	1.35	NO
46	1...	Total N-EtFOSAA	583.9 > 419	4.743e3	6.249e3	0.125		5.33		9.49	71.214			
47	37	PFDoA	612.9 > 569.0	1.128e4	1.572e4	0.125		5.88	5.88	8.97	66.844	83.6	8.57	NO
48	39	PFTrDA	662.9 > 618.9	1.048e4	1.572e4	0.125		6.15	6.13	8.33	63.407	79.3	8.62	NO
49	41	PFTeDA	713.0 > 669.0	1.099e4	9.043e3	0.125		6.32	6.33	15.2	82.415	103.0	14.3	NO
50	83	d5-N-EtFOSAA-EIS	589. > 419	6.249e3		0.125	680.656	5.63	5.58	6250	73.445	73.4		
51	83	d5-N-EtFOSAA-EIS	589. > 419	6.249e3		0.125	680.656	5.63	5.58	6250	73.445	73.4		
52	85	13C2-PFDoA-EIS	615 > 570	1.572e4		0.125	1620.087	5.93	5.88	15700	77.613	77.6		
53	85	13C2-PFDoA-EIS	615 > 570	1.572e4		0.125	1620.087	5.93	5.88	15700	77.613	77.6		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	9.043e3		0.125	1080.991	6.37	6.32	9040	66.927	66.9		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9	1.157e3	2.769e3	0.125		5.77	5.76	62.3	436.208	109.1	1.66	NO
57	42	N-EtFOSA	526.1 > 168.9	1.002e3	3.844e3	0.125		6.15	6.16	38.9	362.124	90.5	1.70	NO
58	43	PFHxDA	813.1 > 768.6	5.430e3	1.063e4	0.125		6.61	6.61	6.39	81.078	101.3	20.5	NO
59	45	N-MeFOSE	616.1 > 58.9	1.167e3	3.997e3	0.125		6.32	6.33	43.6	369.164	92.3		
60	1...	TDCA	498.3>106.9			0.125		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	2.769e3		0.125	84.650	5.81	5.78	2770	261.683	21.9		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	3.844e3		0.125	120.333	6.18	6.17	3840	255.566	21.4		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.063e4		0.125	1527.484	6.65	6.61	10600	55.664	55.7		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	3.997e3		0.125	71.023	6.26	6.32	4000	450.210	37.7		
65	73	13C8-PFOS-EIS	507.0 > 80	3.046e3		0.125	253.261	5.04	4.99	3050	96.207	96.2		

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-76.qld

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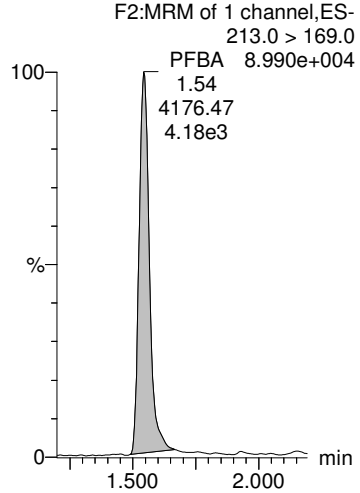
Name: 200630M1_76, Date: 01-Jul-2020, Time: 04:22:05, ID: B0F0145-BS1 OPR 0.125, Description: OPR

PFBA



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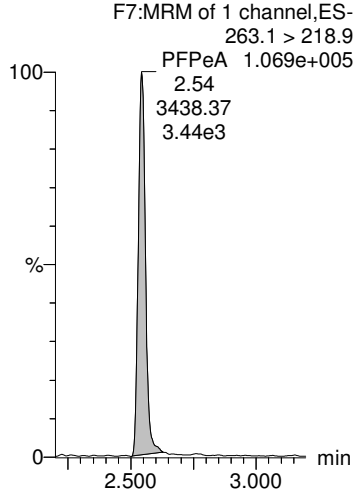

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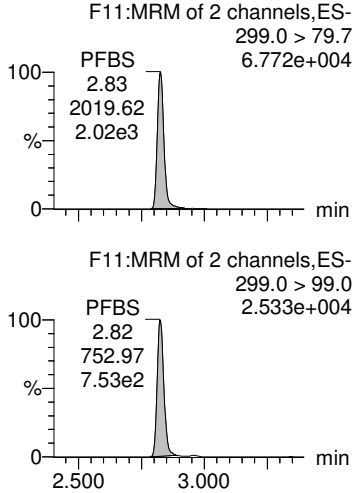

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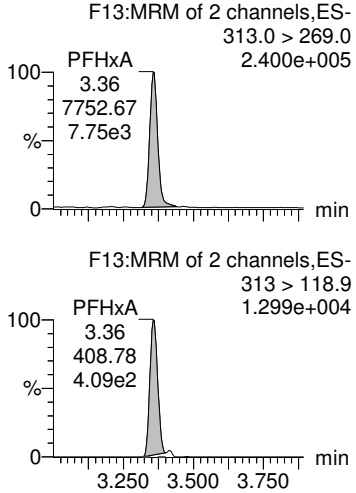

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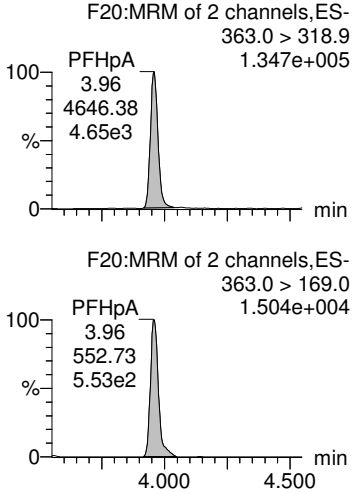

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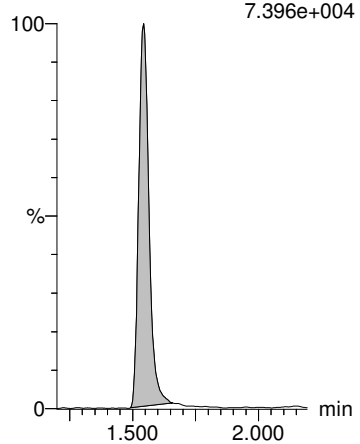

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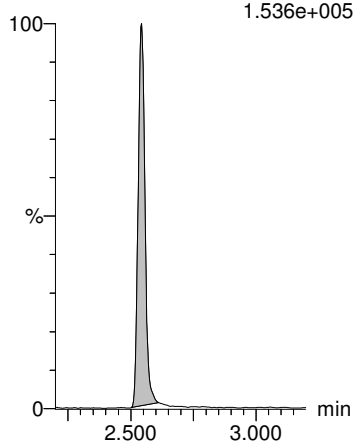

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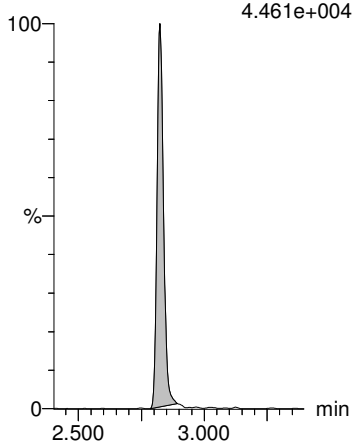

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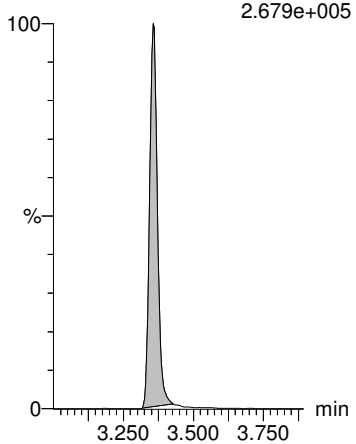

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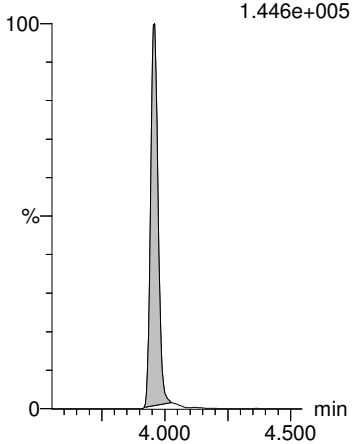

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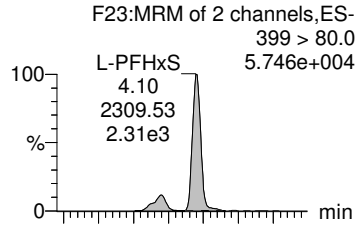
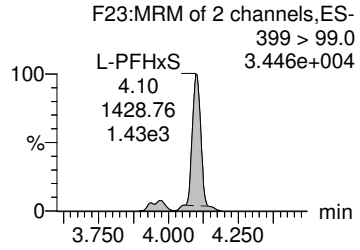
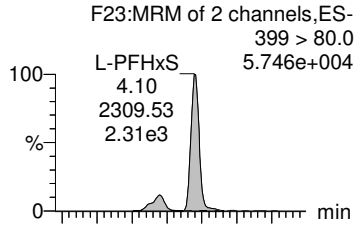
Name: 200630M1_76, Date: 01-Jul-2020, Time: 04:22:05, ID: B0F0145-BS1 OPR 0.125, Description: OPR

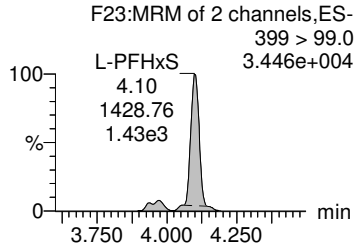
L-PFHxS



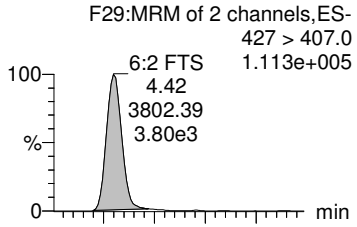


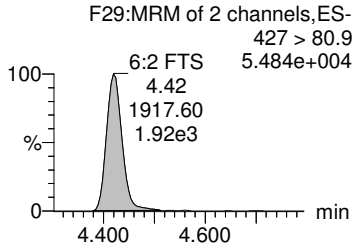
Total PFHxS



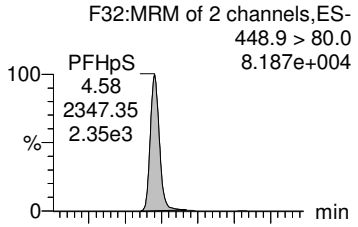


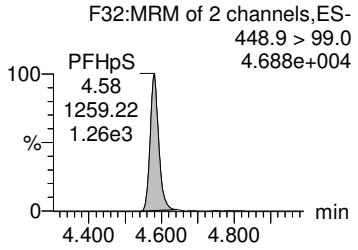
6:2 FTS





PFHpS





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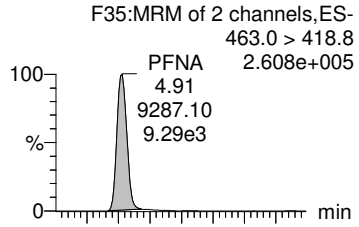

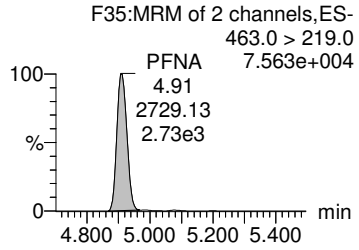

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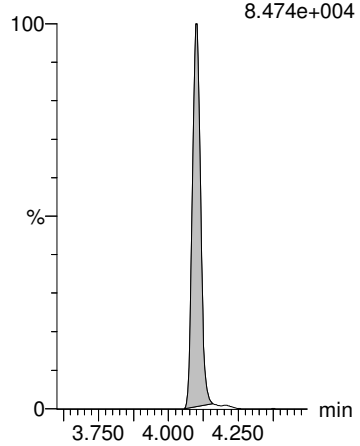

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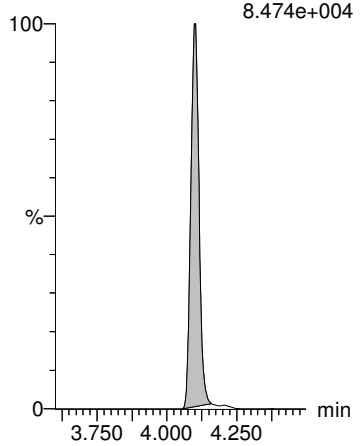

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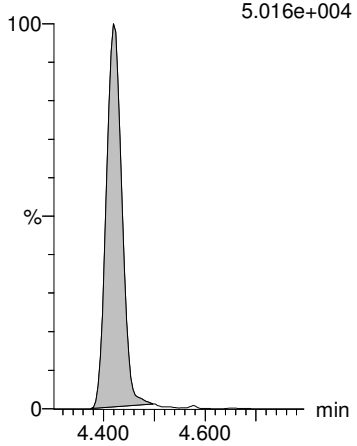

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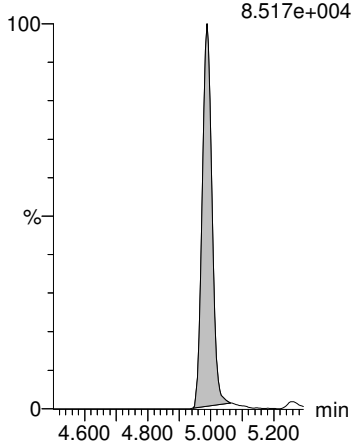

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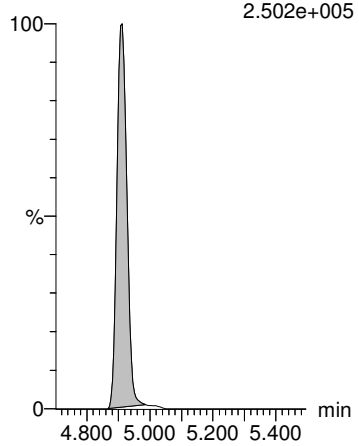

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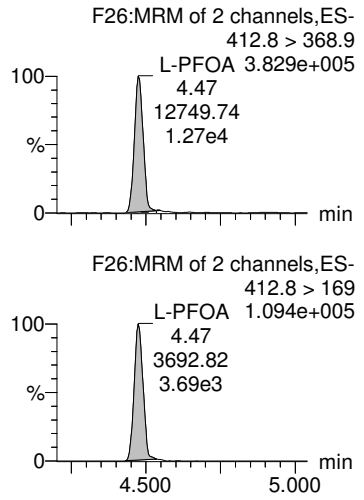
L-PFOA



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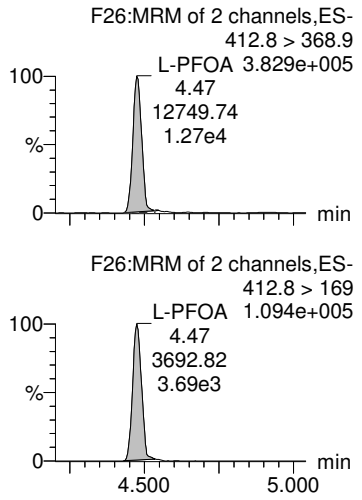
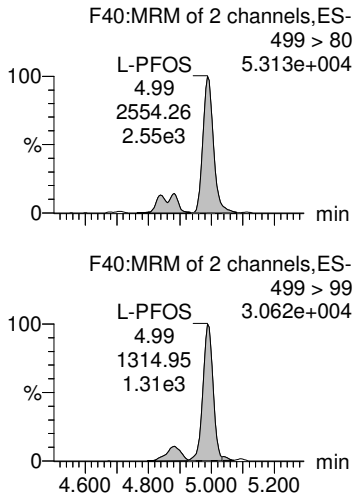
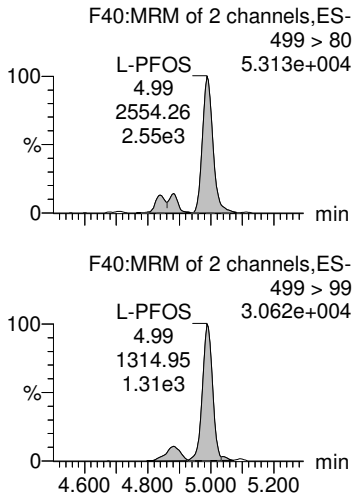


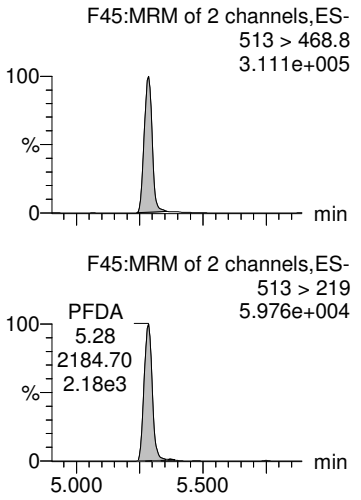
L-PFOS



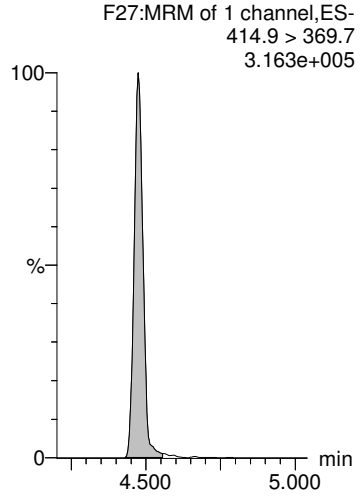
Total PFOS



PFDA



13C2-PFOA-EIS



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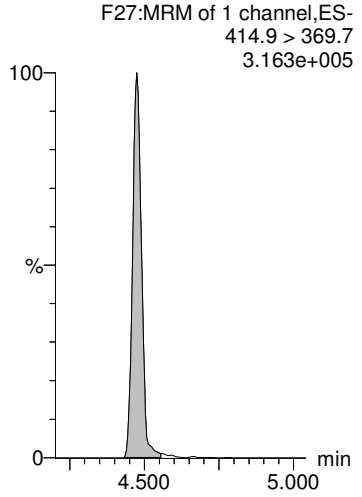
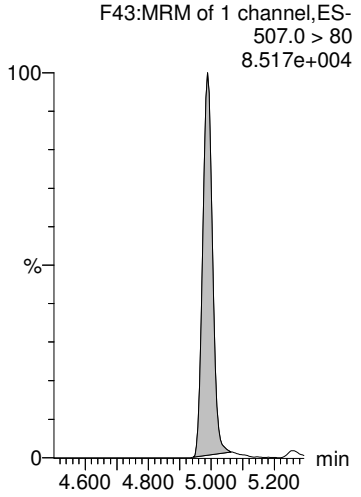


13C8-PFOS-EIS



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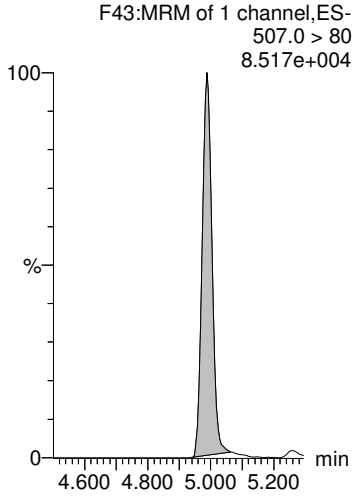

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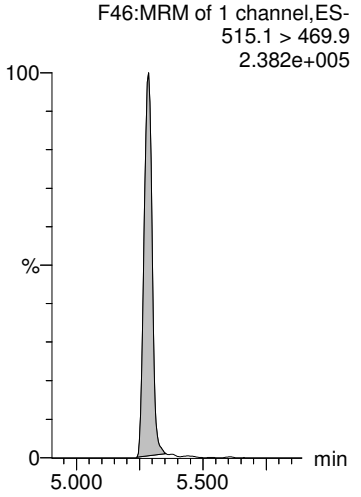

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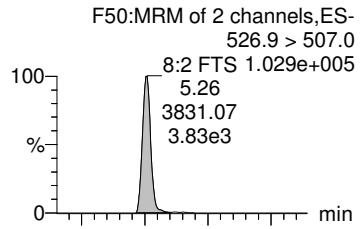
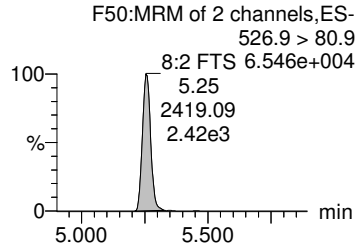
Last Altered: Monday, July 06, 2020 19:00:09 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:03:47 Pacific Daylight Time

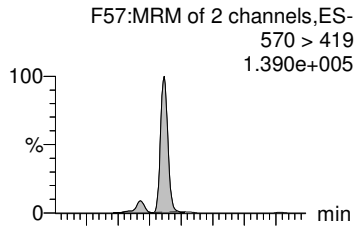
Name: 200630M1_76, Date: 01-Jul-2020, Time: 04:22:05, ID: B0F0145-BS1 OPR 0.125, Description: OPR

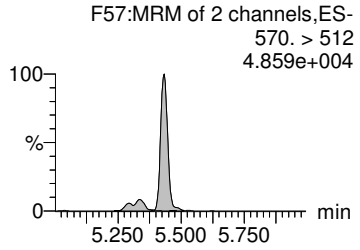
8:2 FTS





L-MeFOSAA





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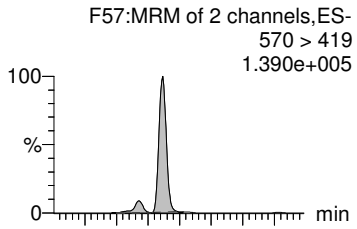

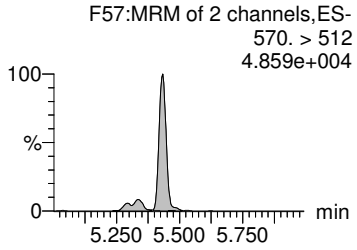

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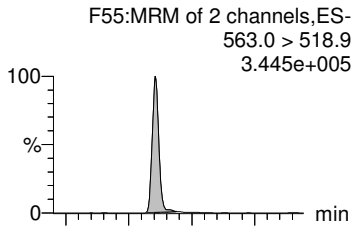
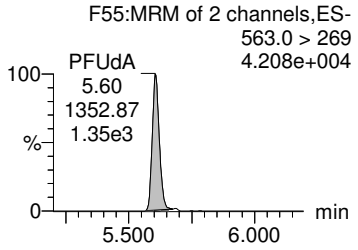
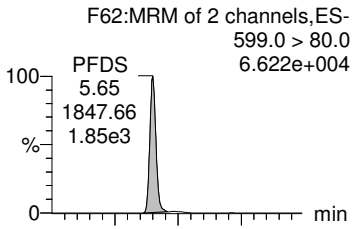
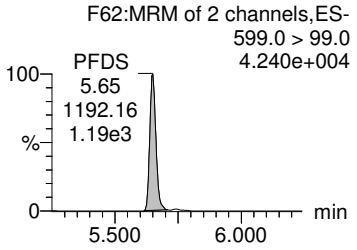


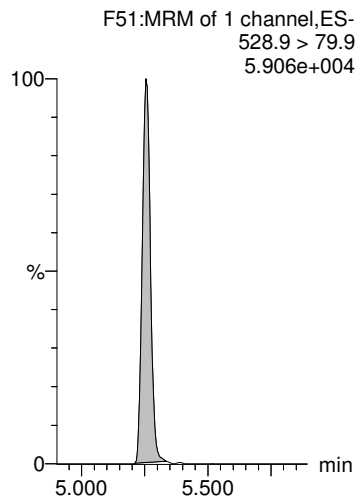


PFDS

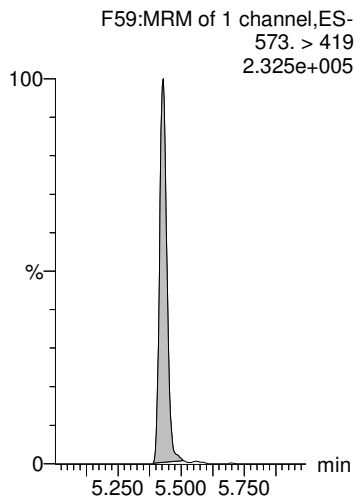




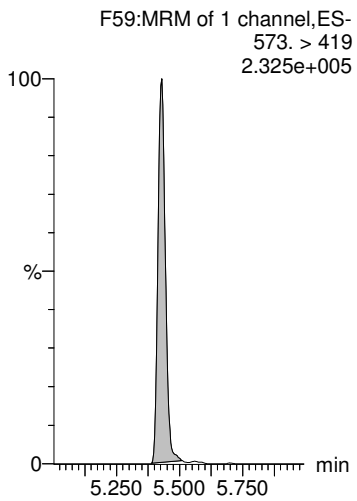
13C2-8:2 FTS-EIS



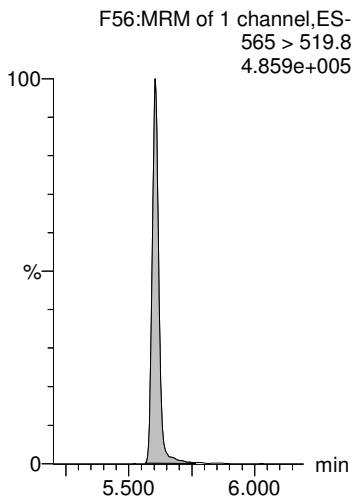
d3-N-MeFOSAA-EIS



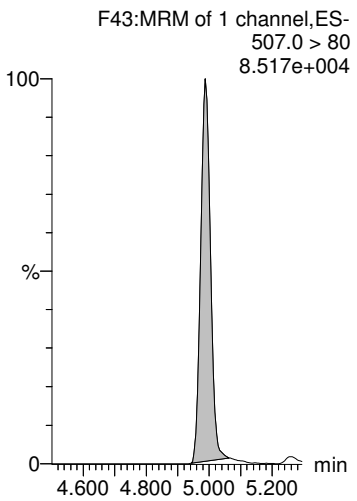
d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



13C8-PFOS-EIS



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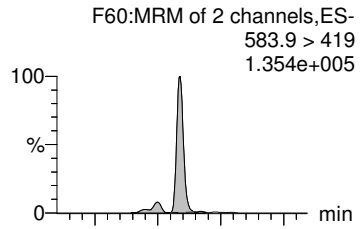
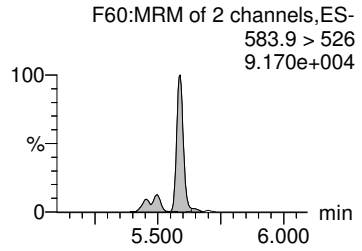
Last Altered: Monday, July 06, 2020 19:00:09 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:03:47 Pacific Daylight Time

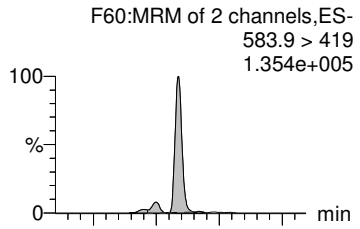
Name: 200630M1_76, Date: 01-Jul-2020, Time: 04:22:05, ID: B0F0145-BS1 OPR 0.125, Description: OPR

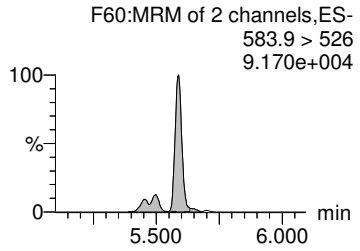
L-EtFOSAA



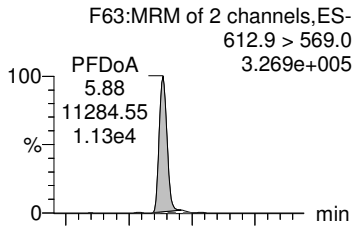


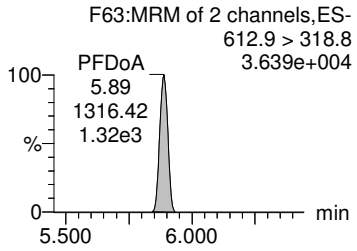
Total N-EtFOSAA



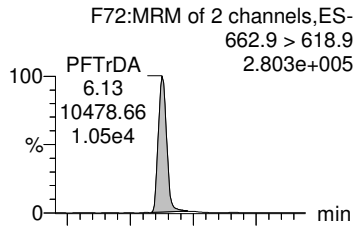


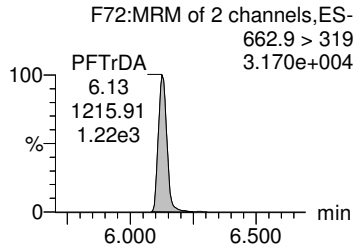
PFDoA



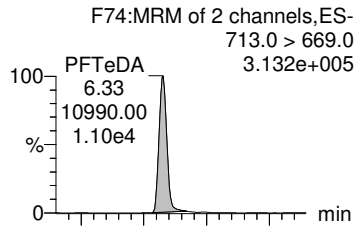


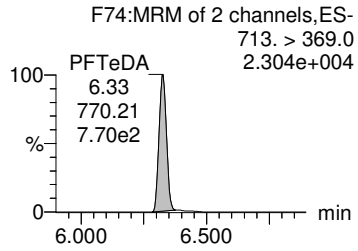
PFTrDA



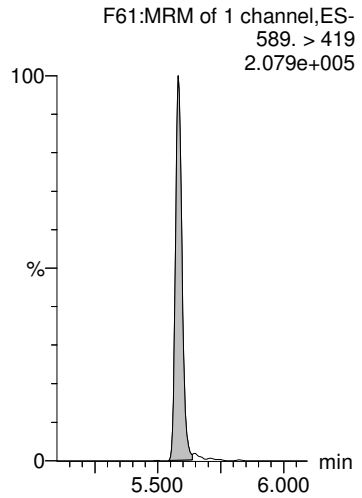


PFTeDA

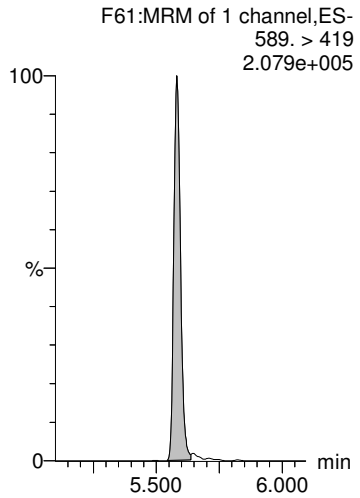




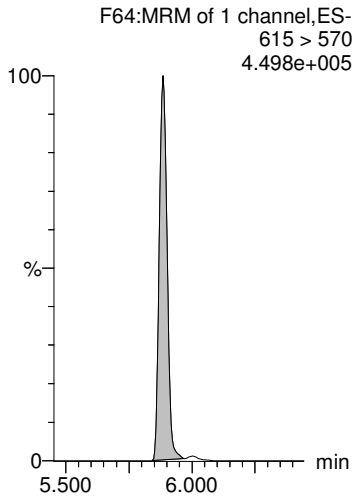
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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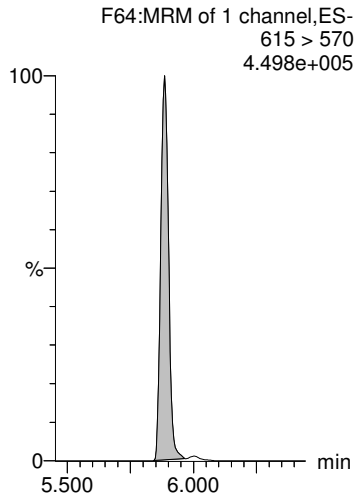

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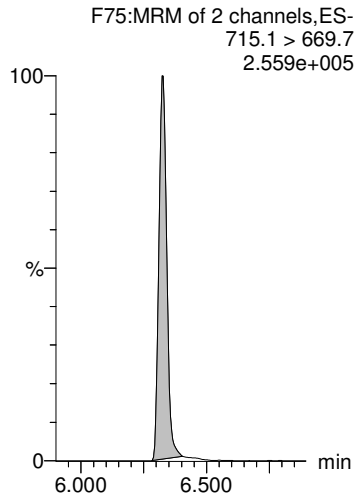

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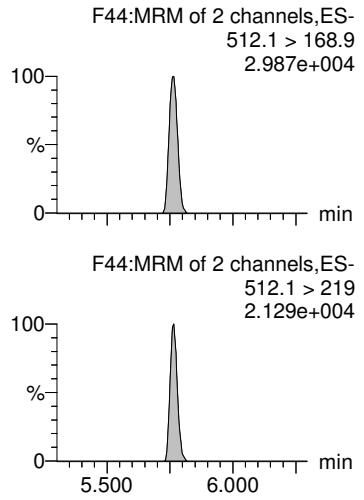
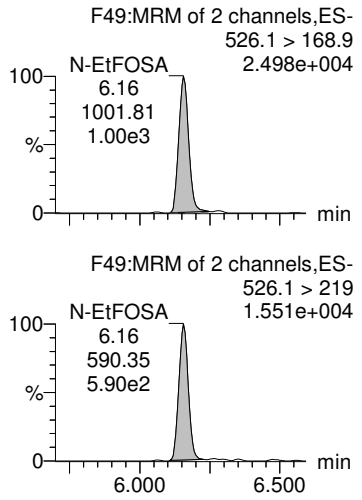
Last Altered: Monday, July 06, 2020 19:00:09 Pacific Daylight Time
Printed: Monday, July 06, 2020 19:03:47 Pacific Daylight Time

Name: 200630M1_76, Date: 01-Jul-2020, Time: 04:22:05, ID: B0F0145-BS1 OPR 0.125, Description: OPR

N-MeFOSA



N-EtFOSA



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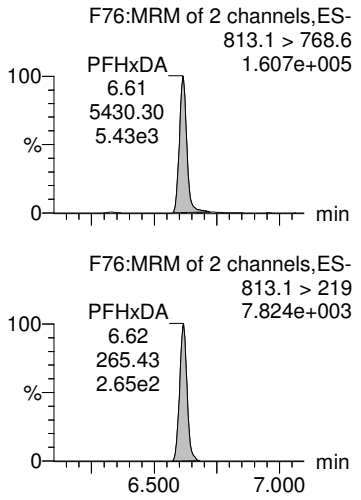
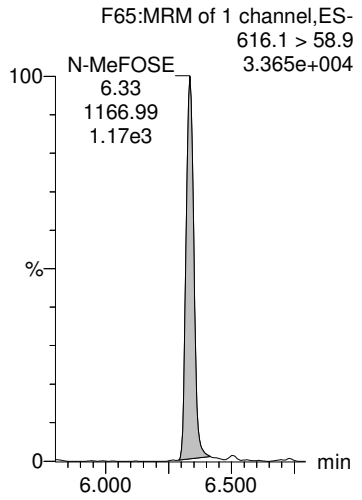
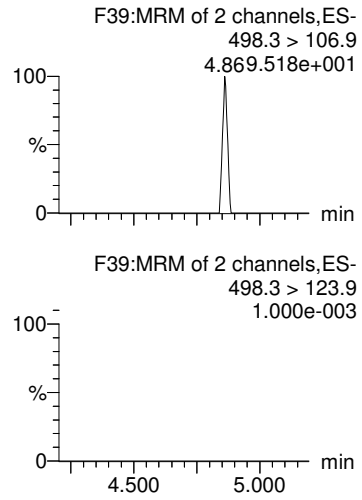


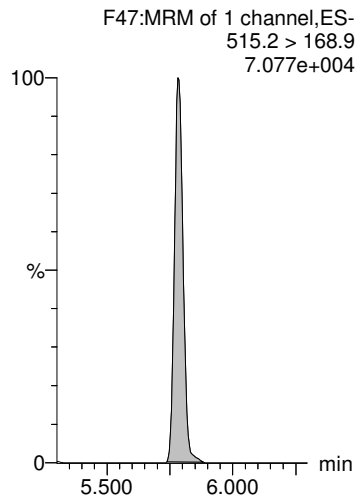
N-MeFOSE



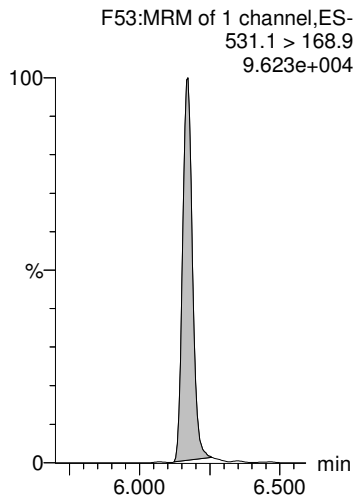
TDCA



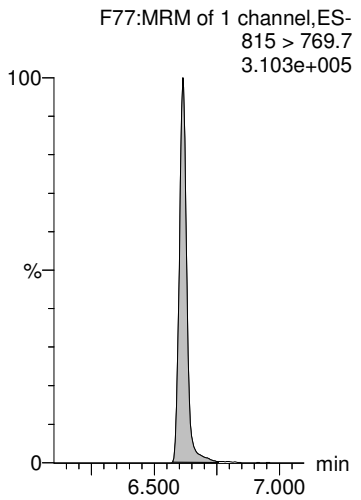
d3-N-MeFOSA-EIS



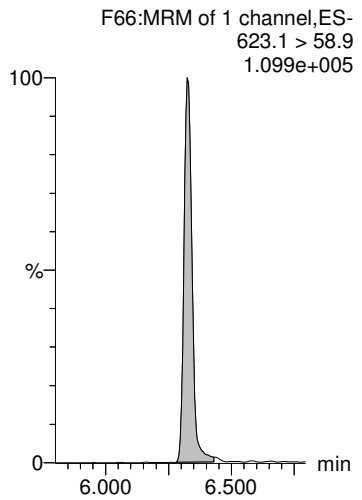
d5-N-ETFOSA-EIS



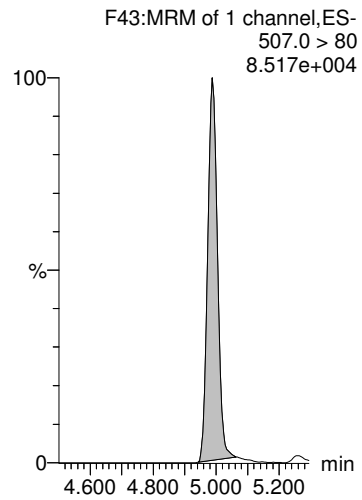
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



13C8-PFOS-EIS



Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-72.qld

Last Altered: Thursday, July 02, 2020 18:44:24 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:45:05 Pacific Daylight Time

Name: 200629P1-72, Date: 29-Jun-2020, Time: 23:39:49, ID: B0F0256-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		7.038e3	0.125		1.12						
2	4	PFPeA	263.1 > 218.9		9.504e3	0.125		2.06						
3	5	PFBS	299.0 > 80		1.099e3	0.125		2.35						YES
4	7	PFHxA	313.0 > 269.0		1.118e4	0.125		2.87						YES
5	11	PFHpA	363.0 > 319		9.768e3	0.125		3.49						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	7.038e3		0.125	393.057	1.28	1.12	7040	143.242	143.2		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	9.504e3		0.125	796.765	2.03	2.06	9500	95.429	95.4		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1.099e3		0.125	98.097	2.32	2.35	1100	89.627	89.6		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	1.118e4		0.125	1063.411	2.84	2.87	11200	84.136	84.1		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	9.768e3		0.125	941.251	3.46	3.49	9770	83.026	83.0		
11	-1													
12	13	L-PFHxS	399 > 79.9		2.135e3	0.125		3.63						YES
13	1...	Total PFHxS	399 > 79.9	0.000e0	2.135e3	0.125		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		1.251e3	0.125		3.93						YES
15	19	PFHpS	449.0 > 80		2.329e3	0.125		4.12						YES
16	21	PFNA	463.0 > 418.8		1.188e4	0.125		4.45						YES
17	61	13C3-PFHxS-EIS	402 > 80	2.135e3		0.125	204.440	3.77	3.63	2130	83.527	83.5		
18	61	13C3-PFHxS-EIS	402 > 80	2.135e3		0.125	204.440	3.77	3.63	2130	83.527	83.5		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.251e3		0.125	119.666	3.91	3.93	1250	83.663	83.7		
20	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.188e4		0.125	1067.216	4.62	4.45	11900	89.026	89.0		
22	-1													
23	16	L-PFOA	413 > 369		1.125e4	0.125		3.99						YES
24	1...	Total PFOA	413 > 369	0.000e0	1.125e4	0.125		4.60		0.000				
25	23	L-PFOS	499 > 80		2.329e3	0.125		4.53						YES
26	1...	Total PFOS	499> 80	0.000e0	2.329e3	0.125		4.60		0.000				
27	22	PFOSA	498 > 78		2.384e3	0.125		4.49						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.125e4		0.125	1012.161	4.06	3.99	11200	88.887	88.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.125e4		0.125	1012.161	4.06	3.99	11200	88.887	88.9		
30	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		
31	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		
32	67	13C8-PFOSA-EIS	506 > 78	2.384e3		0.125	433.516	4.57	4.49	2380	43.985	44.0		
33	-1													
34	26	PFDA	513 > 469		1.367e4	0.125		4.83						YES
35	27	8:2 FTS	526.8 > 506.9		1.166e3	0.125		4.80						YES
36	29	L-MeFOSAA	570 > 419		2.889e3	0.125		4.98						YES

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Name: 200629P1-72, Date: 29-Jun-2020, Time: 23:39:49, ID: B0F0256-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	2.889e3	0.125		5.19		0.000				
38	33	PFUdA	563.0 > 519		1.213e4	0.125		5.16						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.367e4		0.125	1298.898	4.81	4.83	13700	84.213	84.2		
40	75	13C2-8:2 FTS-EIS	529 > 80	1.166e3		0.125	117.580	4.96	4.80	1170	79.356	79.4		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.889e3		0.125	312.115	5.05	4.98	2890	74.054	74.1		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.889e3		0.125	312.115	5.05	4.98	2890	74.054	74.1		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.213e4		0.125	1115.758	5.15	5.16	12100	86.966	87.0		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		2.991e3	0.125		5.15						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	2.991e3	0.125		5.37		0.000				
47	34	PFDS	598.8 >79.9		2.329e3	0.125		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.360e4	0.125		5.46						YES
49	39	PFTrDA	662.9 > 618.9		1.360e4	0.125		5.70						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.991e3		0.125	339.207	5.40	5.15	2990	70.539	70.5		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.991e3		0.125	339.207	5.40	5.15	2990	70.539	70.5		
52	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.360e4		0.125	1391.033	5.58	5.46	13600	78.206	78.2		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	1.360e4		0.125	1391.033	5.58	5.46	13600	78.206	78.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.211e4	0.125		5.93						YES
57	38	N-MeFOSA	512.1 > 168.9		3.115e3	0.125		5.56						YES
58	42	N-EtFOSA	526.1 > 168.9		3.688e3	0.125		6.01						YES
59	43	PFHxDA	813 > 769		1.265e4	0.125		6.29						YES
60	45	N-MeFOSE	616.1 > 58.9		9.293e3	0.125		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.211e4		0.125	1441.780	5.92	5.93	12100	67.204	67.2		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.115e3		0.125	124.342	5.42	5.57	3110	200.409	16.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.688e3		0.125	152.485	6.02	6.03	3690	193.506	16.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.265e4		0.125	1640.473	6.28	6.29	12700	61.708	61.7		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	9.293e3		0.125	141.623	6.25	6.25	9290	524.920	44.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		1.063e4	0.125		6.41						
68	1...	TDCA	498.3>106.9			0.125		4.47						YES
69	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		
70	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		
71	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.063e4		0.125	157.642	6.40	6.41	10600	539.339	45.2		

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Name: 200629P1-72, Date: 29-Jun-2020, Time: 23:39:49, ID: B0F0256-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	2.329e3		0.125	227.159	4.52	4.53	2330	82.031	82.0		

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Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-72.qld

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Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-72, Date: 29-Jun-2020, Time: 23:39:49, ID: B0F0256-BLK1 Method Blank 0.125, Description: Method Blank

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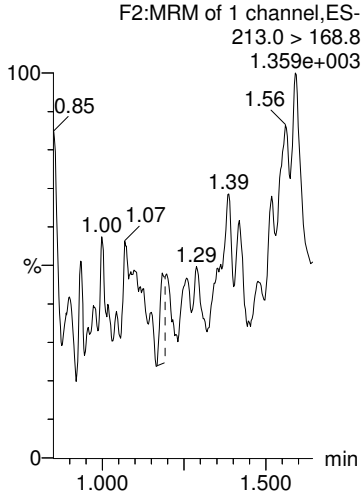

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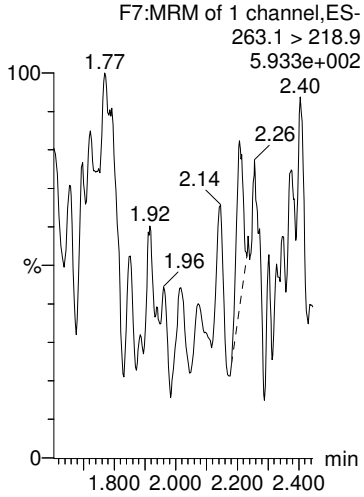

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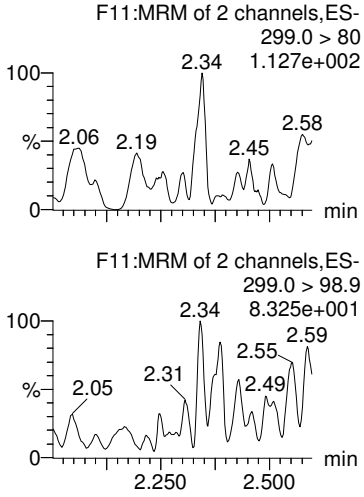

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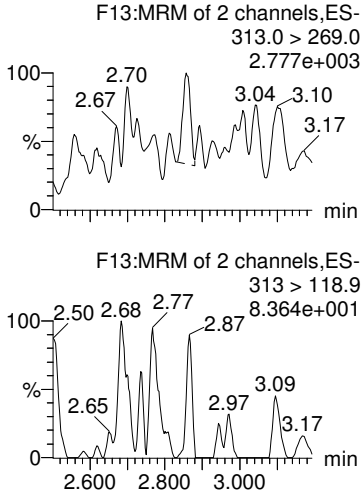

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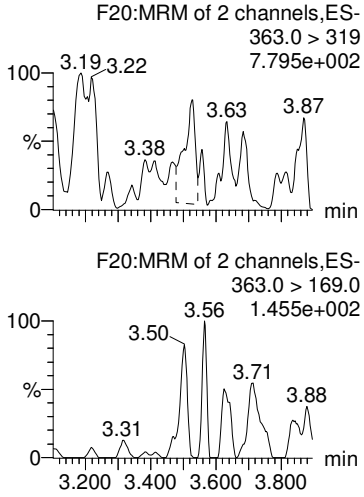

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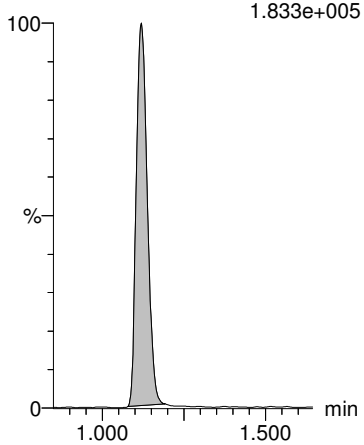

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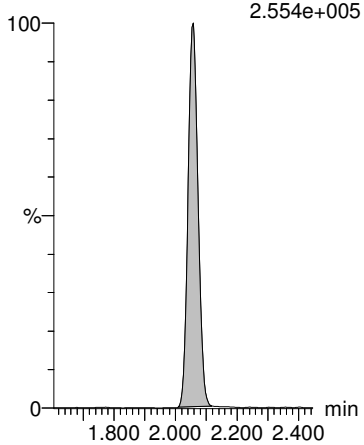

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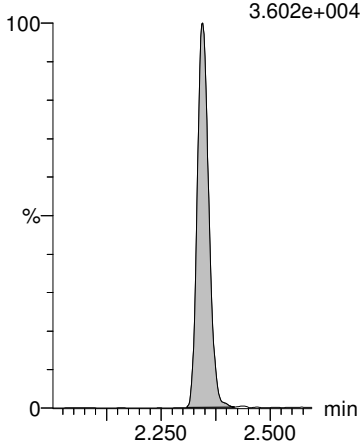

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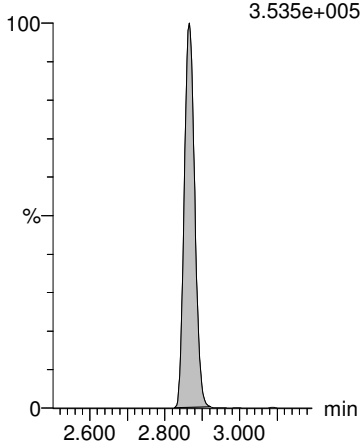

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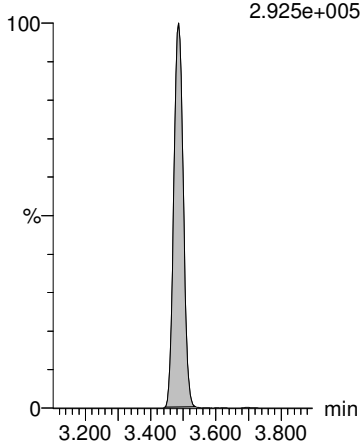

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-72.qld

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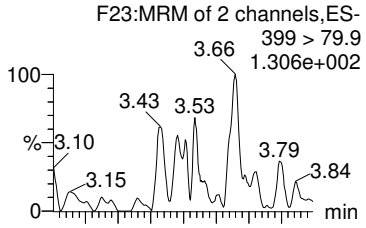
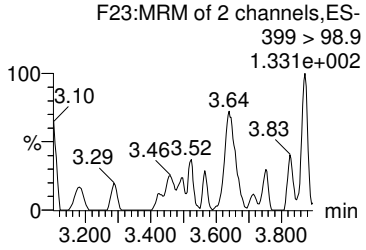
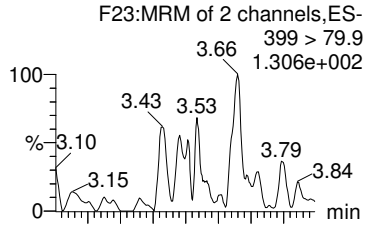
Name: 200629P1-72, Date: 29-Jun-2020, Time: 23:39:49, ID: B0F0256-BLK1 Method Blank 0.125, Description: Method Blank

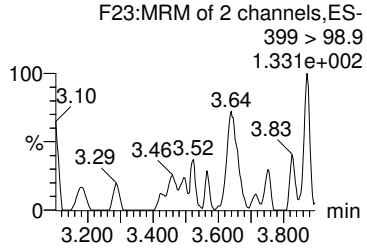
L-PFHxS



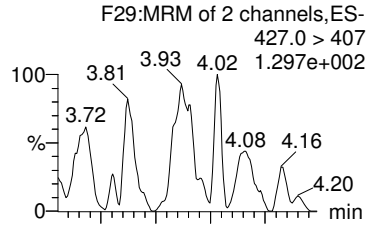


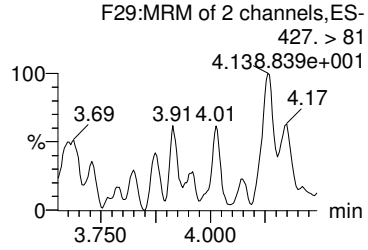
Total PFHxS





6:2 FTS





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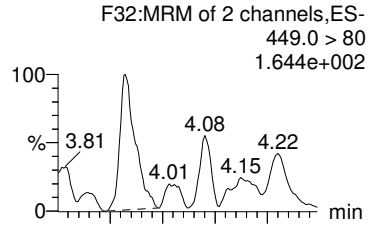

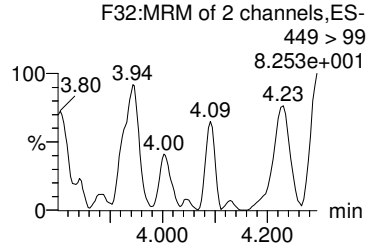

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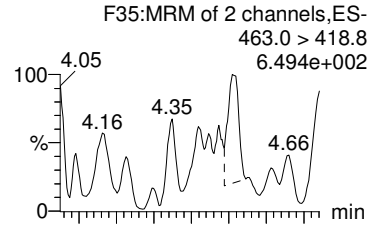

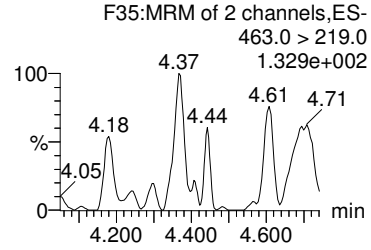

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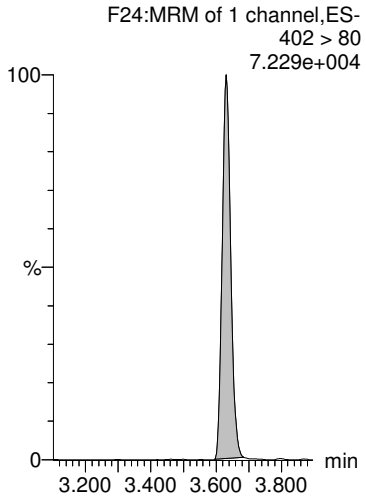

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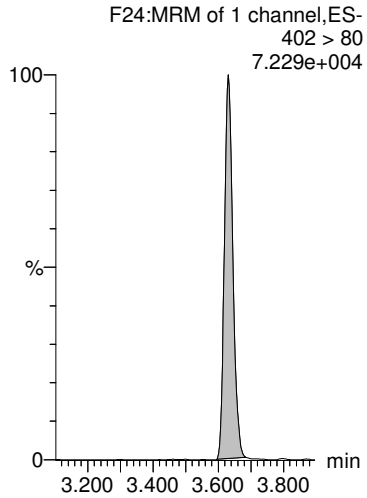

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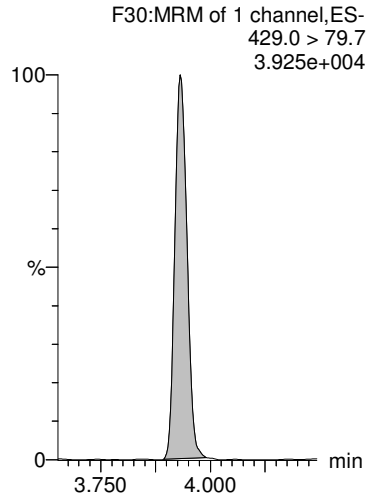

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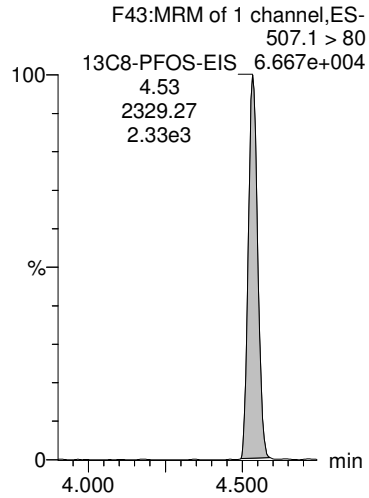

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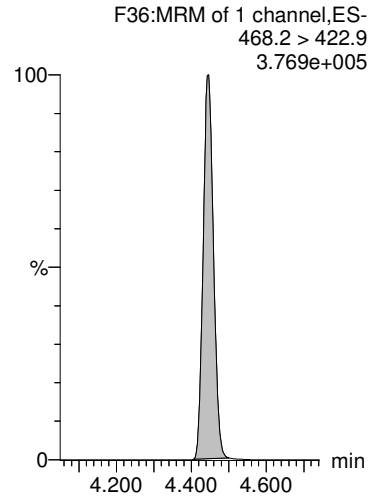

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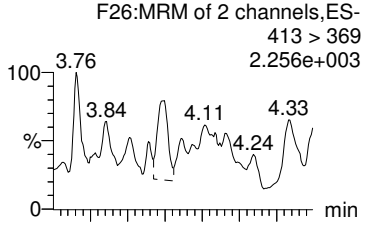
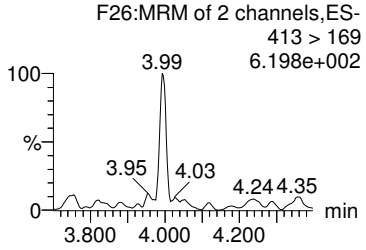
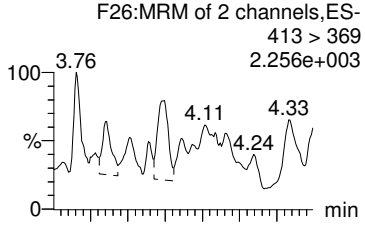
Name: 200629P1-72, Date: 29-Jun-2020, Time: 23:39:49, ID: B0F0256-BLK1 Method Blank 0.125, Description: Method Blank

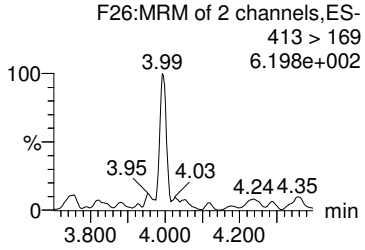
L-PFOA



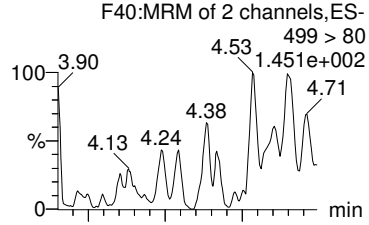


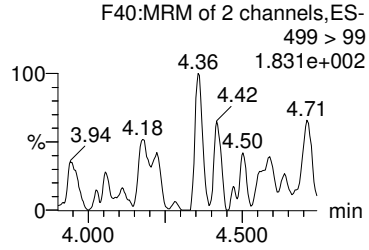
Total PFOA





L-PFOS





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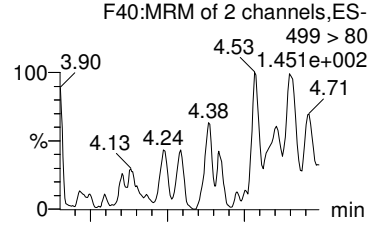
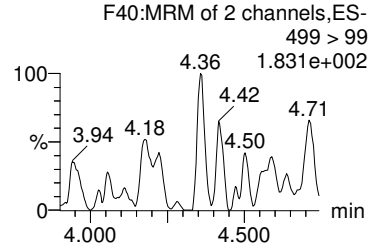
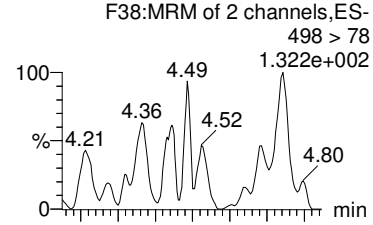
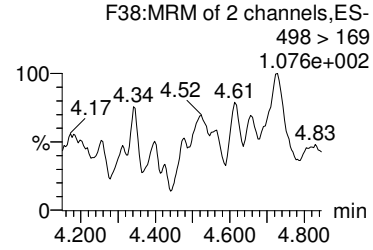


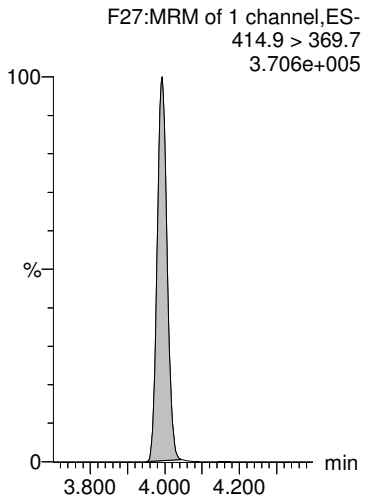


PFOSA





13C2-PFOA-EIS



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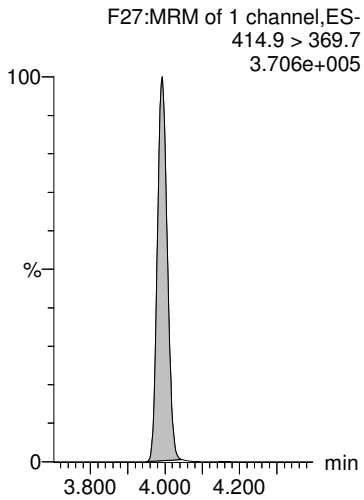
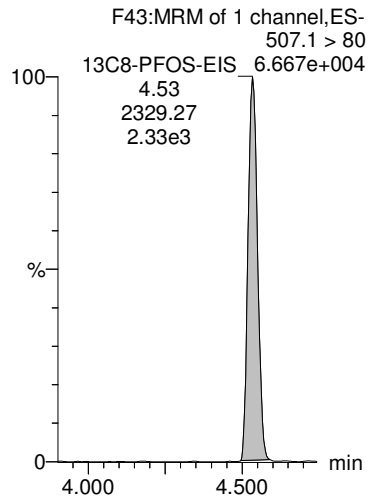


13C8-PFOS-EIS



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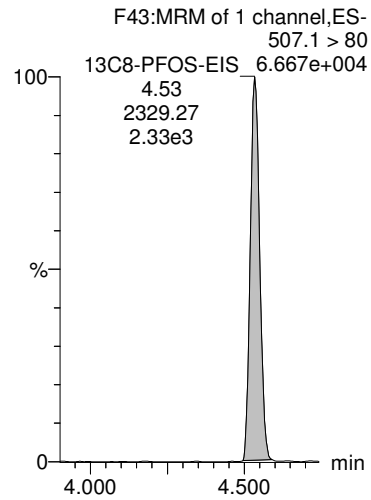

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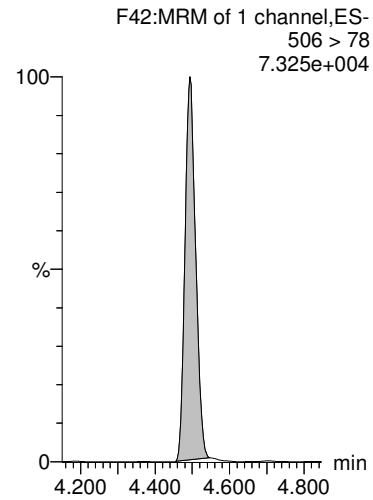

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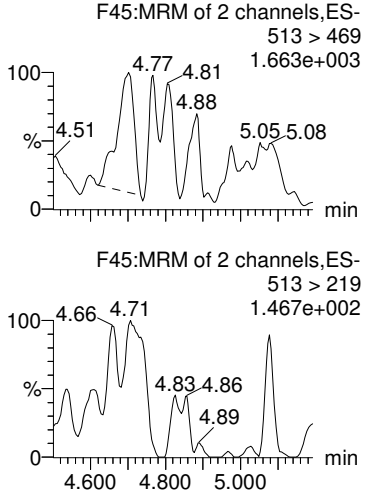
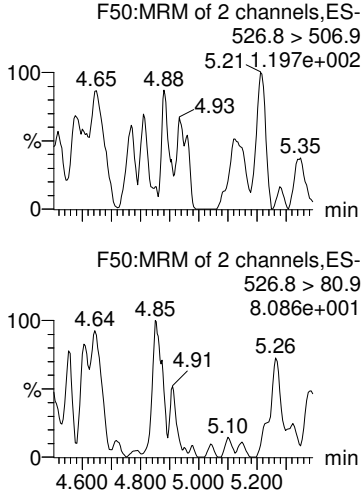
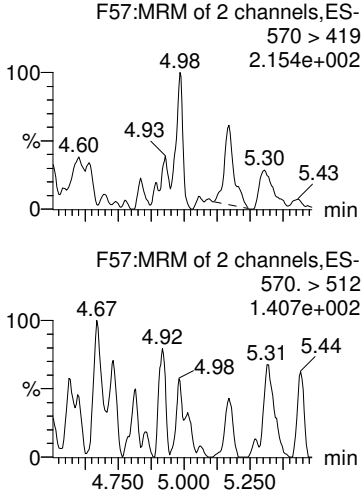


8:2 FTS



L-MeFOSAA



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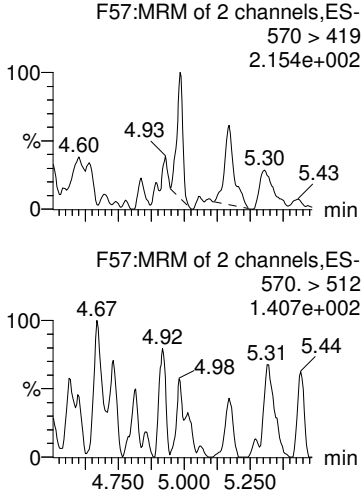

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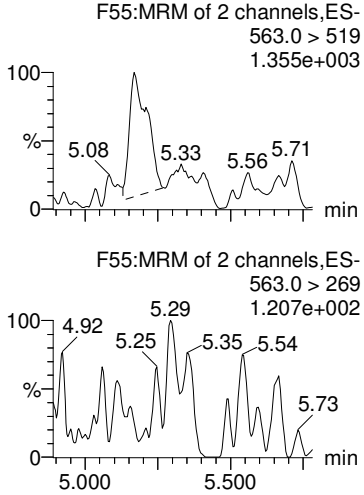
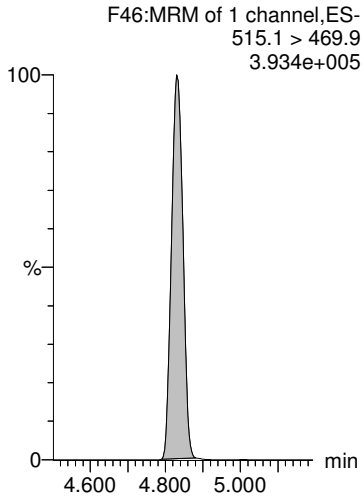
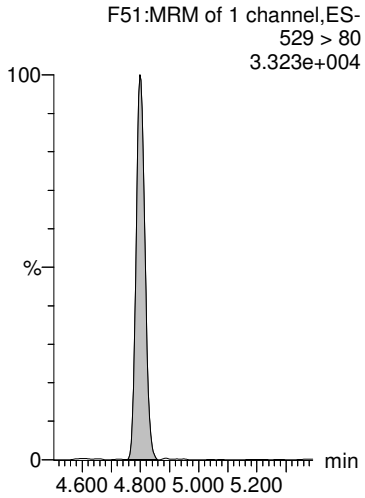


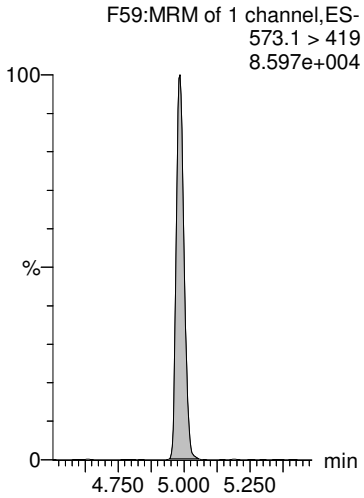
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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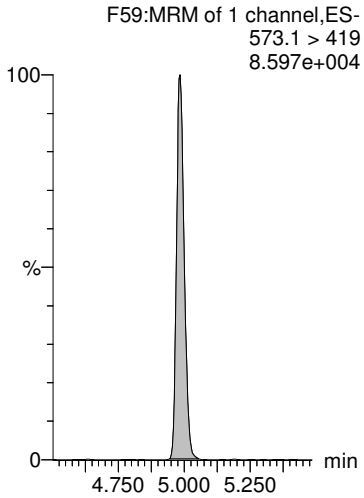

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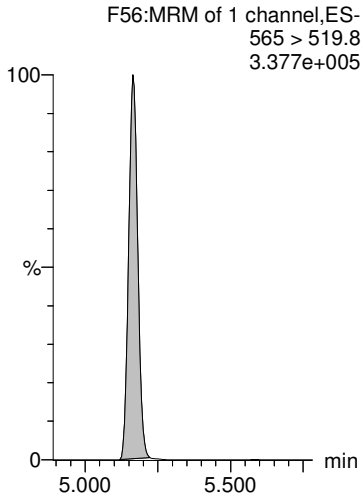

RK 7/2/2020

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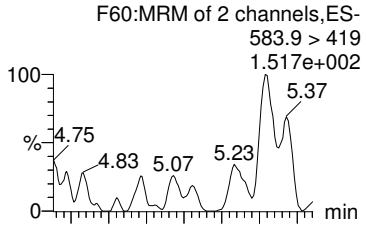

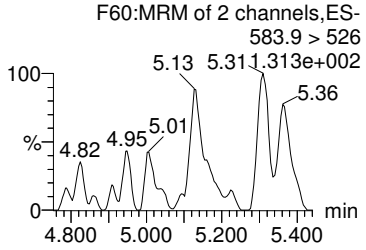

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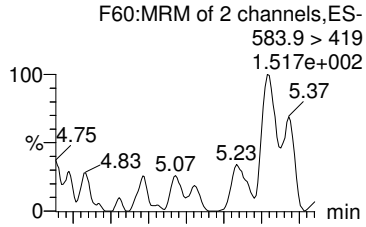
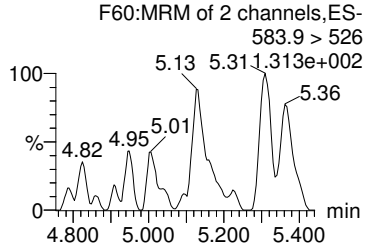
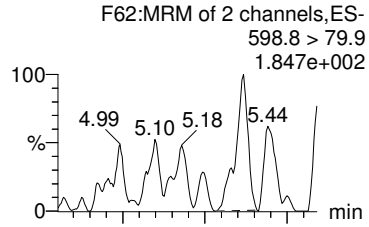
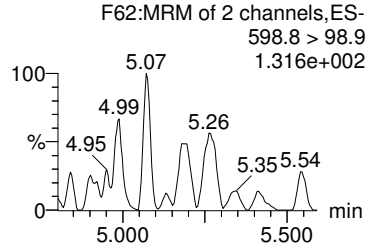


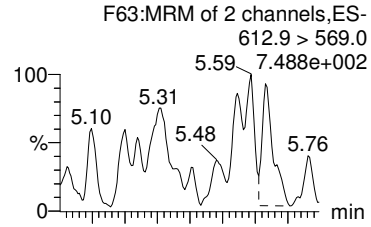


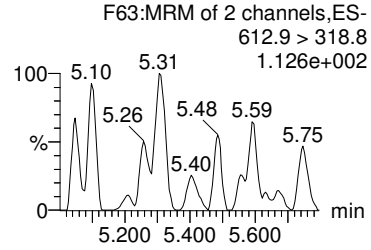
PFDS





PFDoA





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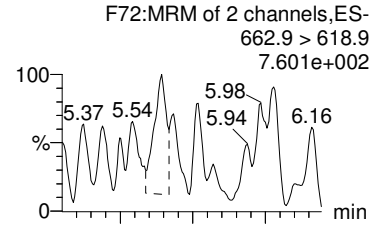
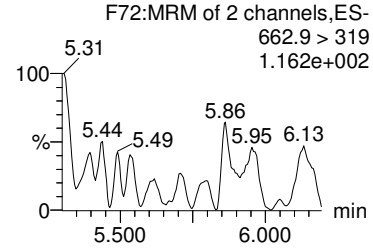
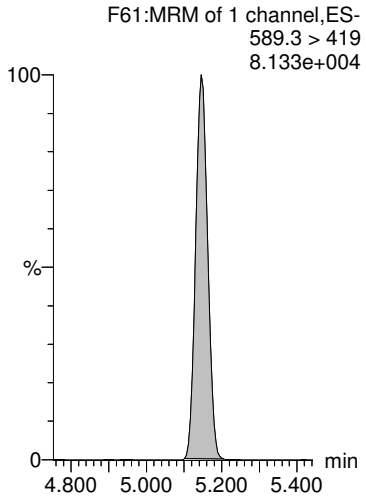




d5-N-EtFOSAA-EIS



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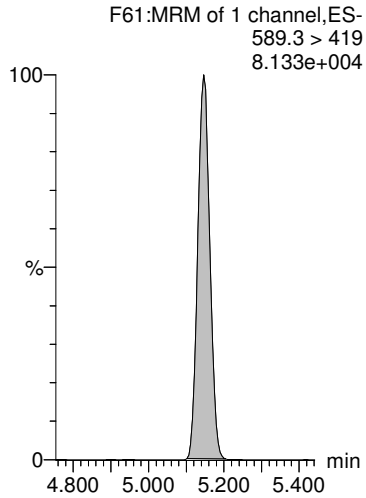
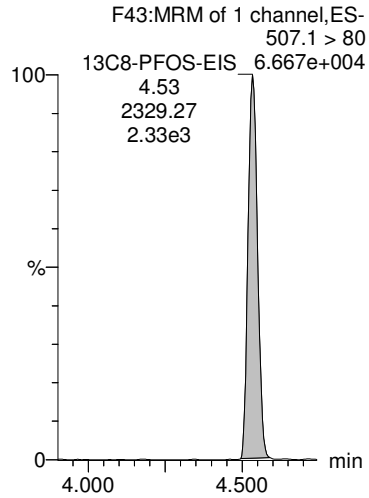
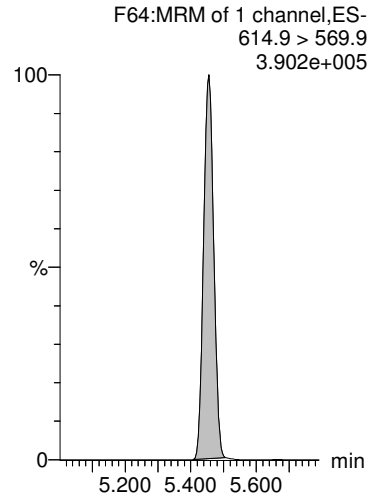


13C8-PFOS-EIS



13C2-PFDoA-EIS



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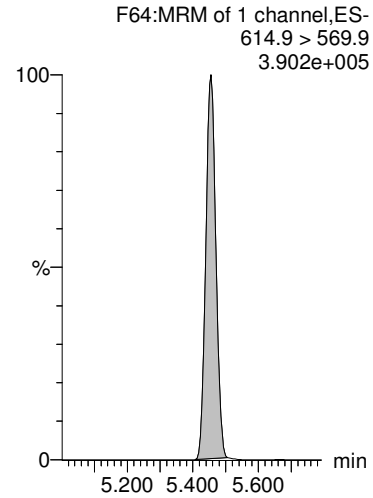

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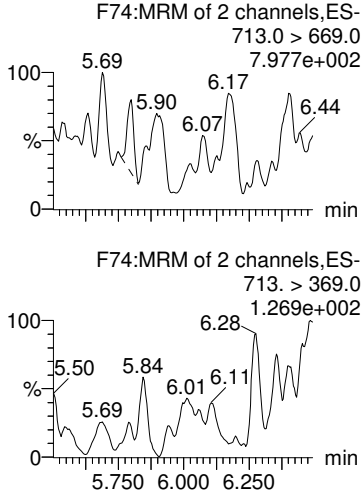
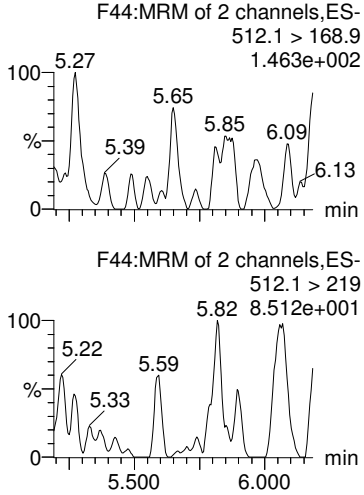


N-MeFOSA



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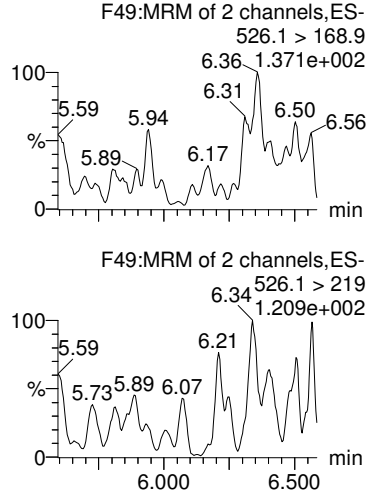

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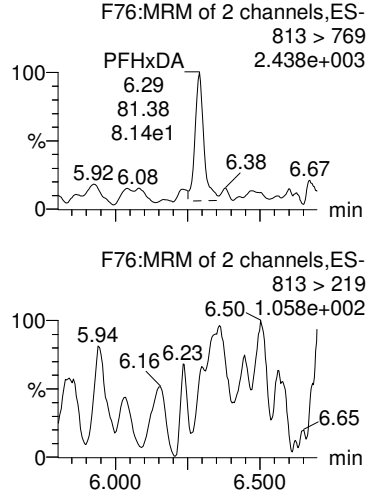
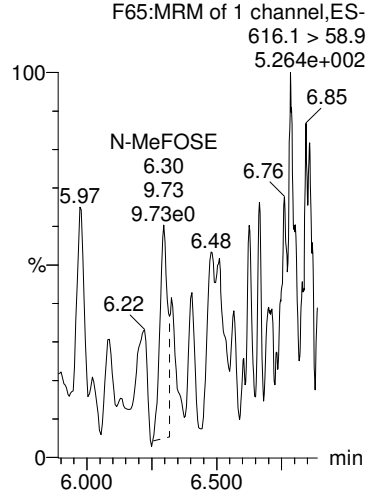


N-MeFOSE



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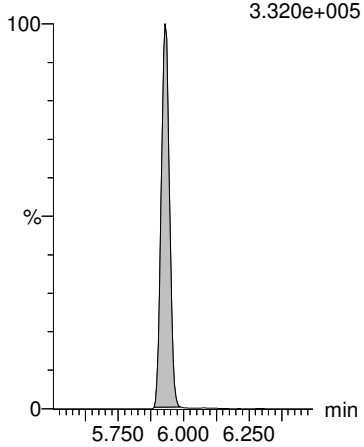
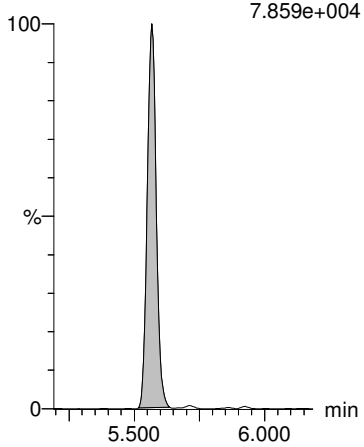


d3-N-MeFOSA-EIS



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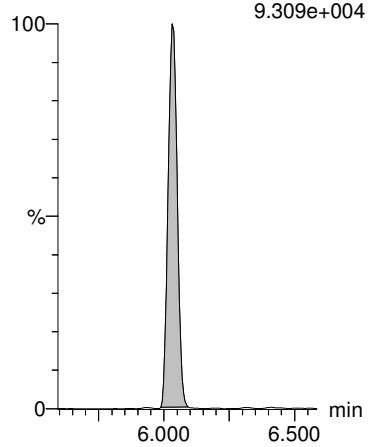

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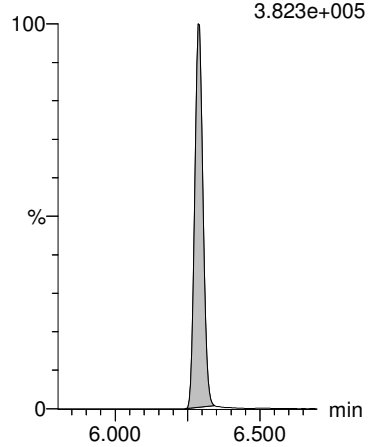

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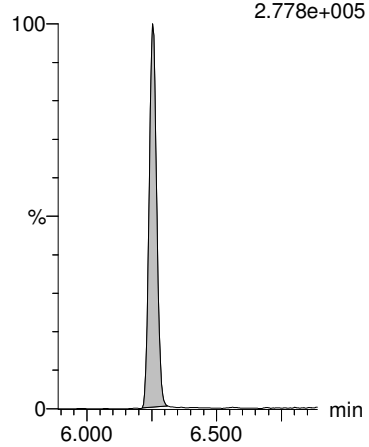

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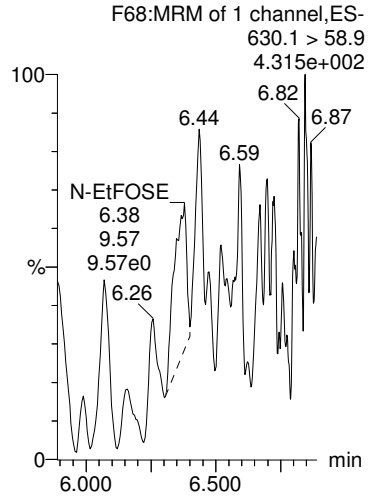
N-EtFOSE



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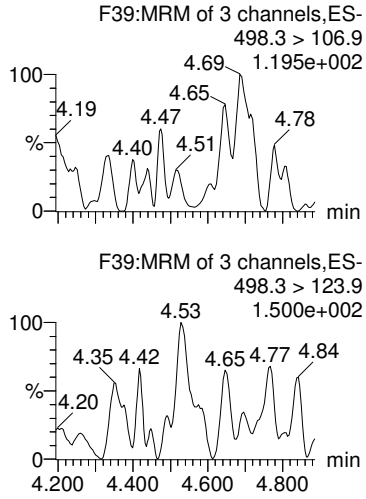
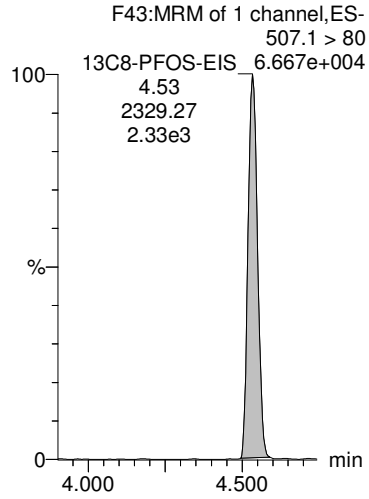


13C8-PFOS-EIS



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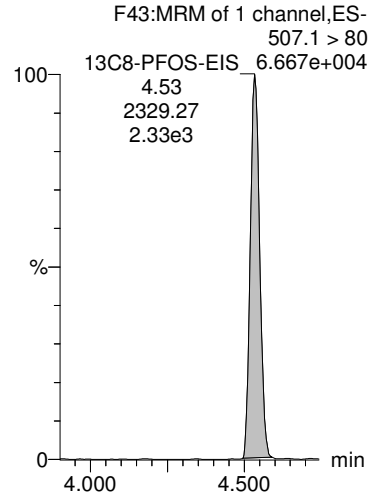

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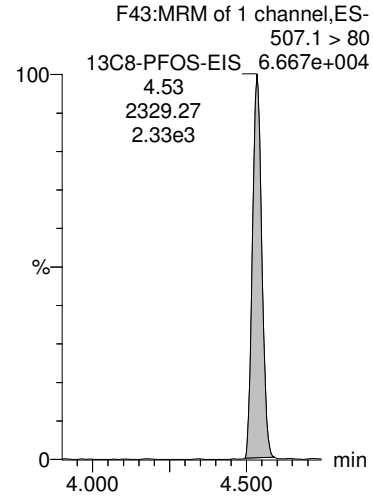
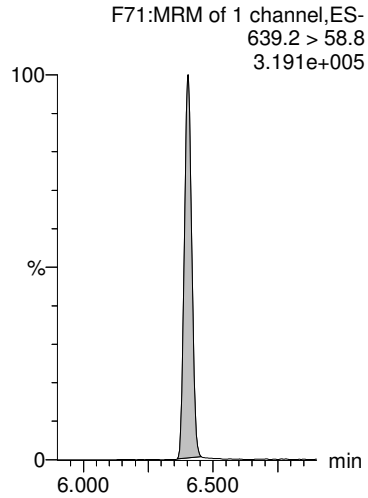


d9-N-EtFOSE-EIS



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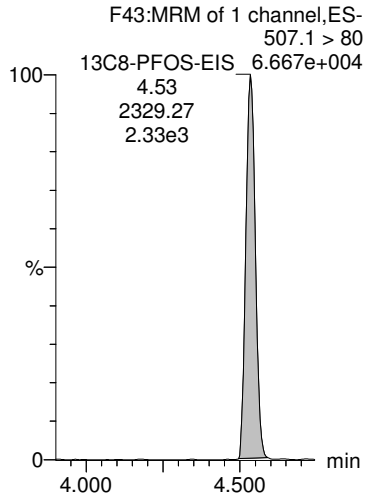

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Name: 200629P1-73, Date: 29-Jun-2020, Time: 23:50:17, ID: B0F0256-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	6.687e3	7.194e3	0.125		1.12	1.12	11.6	83.264	104.1		
2	4	PFPeA	263.1 > 218.9	8.244e3	9.955e3	0.125		2.05	2.06	10.4	85.505	106.9		
3	5	PFBS	299.0 > 80	2.659e3	1.158e3	0.125		2.35	2.34	28.7	85.448	106.8	2.54	NO
4	7	PFHxA	313.0 > 269.0	1.110e4	1.109e4	0.125		2.86	2.86	12.5	90.780	113.5	16.4	NO
5	11	PFHpA	363.0 > 319	1.185e4	1.015e4	0.125		3.48	3.48	14.6	86.528	108.2	48.8	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	7.194e3		0.125	393.057	1.28	1.12	7190	146.427	146.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	9.955e3		0.125	796.765	2.03	2.05	9960	99.955	100.0		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1.158e3		0.125	98.097	2.32	2.35	1160	94.404	94.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	1.109e4		0.125	1063.411	2.84	2.86	11100	83.418	83.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	1.015e4		0.125	941.251	3.46	3.48	10100	86.240	86.2		
11	-1													
12	13	L-PFHxS	399 > 79.9	2.387e3	2.431e3	0.125		3.63	3.63	12.3	87.527	109.4	3.92	NO
13	1...	Total PFHxS	399 > 79.9	2.387e3	2.431e3	0.125		3.93		12.3	87.527			
14	15	6:2 FTS	427.0 > 407	1.412e3	1.358e3	0.125		3.93	3.93	13.0	84.321	105.4	0.747	NO
15	19	PFHpS	449.0 > 80	2.108e3	2.461e3	0.125		4.12	4.11	10.7	82.656	103.3	1.74	NO
16	21	PFNA	463.0 > 418.8	1.168e4	1.227e4	0.125		4.44	4.44	11.9	83.661	104.6	12.8	NO
17	61	13C3-PFHxS-EIS	402 > 80	2.431e3		0.125	204.440	3.77	3.63	2430	95.114	95.1		
18	61	13C3-PFHxS-EIS	402 > 80	2.431e3		0.125	204.440	3.77	3.63	2430	95.114	95.1		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.358e3		0.125	119.666	3.91	3.93	1360	90.770	90.8		
20	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.227e4		0.125	1067.216	4.62	4.44	12300	91.960	92.0		
22	-1													
23	16	L-PFOA	413 > 369	1.168e4	1.159e4	0.125		3.99	3.99	12.6	86.943	108.7	3.19	NO
24	1...	Total PFOA	413 > 369	1.168e4	1.159e4	0.125		4.60		12.6	86.943			
25	23	L-PFOS	499 > 80	2.538e3	2.461e3	0.125		4.53	4.53	12.9	78.927	98.7	2.37	NO
26	1...	Total PFOS	499> 80	2.538e3	2.461e3	0.125		4.60		12.9	78.927			
27	22	PFOSA	498 > 78	1.072e3	1.610e3	0.125		4.49	4.49	8.32	94.312	117.9	24.1	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.159e4		0.125	1012.161	4.06	3.99	11600	91.623	91.6		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.159e4		0.125	1012.161	4.06	3.99	11600	91.623	91.6		
30	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		
31	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		
32	67	13C8-PFOSA-EIS	506 > 78	1.610e3		0.125	433.516	4.57	4.49	1610	29.703	29.7		
33	-1													
34	26	PFDA	513 > 469	1.091e4	1.332e4	0.125		4.83	4.83	10.2	89.487	111.9	5.64	NO
35	27	8:2 FTS	526.8 > 506.9	1.399e3	1.194e3	0.125		4.80	4.80	14.6	97.612	122.0	0.779	NO
36	29	L-MeFOSAA	570 > 419	3.115e3	2.985e3	0.125		4.98	4.99	13.0	83.345	104.2	1.72	NO

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-73.qld

Last Altered: Thursday, July 02, 2020 19:12:31 Pacific Daylight Time
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Name: 200629P1-73, Date: 29-Jun-2020, Time: 23:50:17, ID: B0F0256-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	3.115e3	2.985e3	0.125		5.19		13.0	83.345			
38	33	PFUdA	563.0 > 519	1.278e4	1.337e4	0.125		5.16	5.16	11.9	82.168	102.7	17.7	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.332e4		0.125	1298.898	4.81	4.83	13300	82.013	82.0		
40	75	13C2-8:2 FTS-EIS	529 > 80	1.194e3		0.125	117.580	4.96	4.80	1190	81.262	81.3		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.985e3		0.125	312.115	5.05	4.98	2990	76.520	76.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.985e3		0.125	312.115	5.05	4.98	2990	76.520	76.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.337e4		0.125	1115.758	5.15	5.16	13400	95.874	95.9		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	3.825e3	3.065e3	0.125		5.15	5.15	15.6	88.839	111.0	1.34	NO
46	1...	Total N-EtFOSAA	583.9 > 419	3.825e3	3.065e3	0.125		5.37		15.6	88.839			
47	34	PFDS	598.8 >79.9	2.471e3	2.461e3	0.125		5.22	5.21	12.6	79.437	99.3	2.12	NO
48	37	PFDoA	612.9 > 569.0	1.230e4	1.417e4	0.125		5.46	5.46	10.8	87.549	109.4	12.6	NO
49	39	PFTrDA	662.9 > 618.9	1.135e4	1.417e4	0.125		5.70	5.71	10.0	76.283	95.4	103	NO
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.065e3		0.125	339.207	5.40	5.15	3060	72.285	72.3		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.065e3		0.125	339.207	5.40	5.15	3060	72.285	72.3		
52	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.417e4		0.125	1391.033	5.58	5.46	14200	81.511	81.5		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	1.417e4		0.125	1391.033	5.58	5.46	14200	81.511	81.5		
55	-1													
56	41	PFTeDA	713.0 > 669.0	7.899e3	1.392e4	0.125		5.93	5.93	7.09	82.641	103.3	12.7	NO
57	38	N-MeFOSA	512.1 > 168.9	4.742e2	1.376e3	0.125		5.56	5.54	51.4	381.180	95.3	1.63	NO
58	42	N-EtFOSA	526.1 > 168.9	6.178e2	1.545e3	0.125		6.01	6.01	59.7	410.464	102.6	1.79	NO
59	43	PFHxDA	813 > 769	1.485e4	1.585e4	0.125		6.29	6.29	11.7	87.295	109.1	33.3	NO
60	45	N-MeFOSE	616.1 > 58.9	2.612e3	6.534e3	0.125		6.25	6.27	59.6	410.259	102.6		
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.392e4		0.125	1441.780	5.92	5.93	13900	77.264	77.3		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.376e3		0.125	124.342	5.42	5.57	1380	88.530	7.4		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.545e3		0.125	152.485	6.02	6.03	1540	81.047	6.8		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.585e4		0.125	1640.473	6.28	6.29	15900	77.315	77.3		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.534e3		0.125	141.623	6.25	6.25	6530	369.107	30.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	2.563e3	7.192e3	0.125		6.41	6.41	53.2	387.876	97.0		
68	1...	TDCA	498.3>106.9			0.125		4.47						YES
69	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		
70	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		
71	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.192e3		0.125	157.642	6.40	6.41	7190	364.977	30.6		

RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-73.qld

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Name: 200629P1-73, Date: 29-Jun-2020, Time: 23:50:17, ID: B0F0256-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	2.461e3		0.125	227.159	4.52	4.53	2460	86.654	86.7		

RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-73.qld

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Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-73, Date: 29-Jun-2020, Time: 23:50:17, ID: B0F0256-BS1 OPR 0.125, Description: OPR

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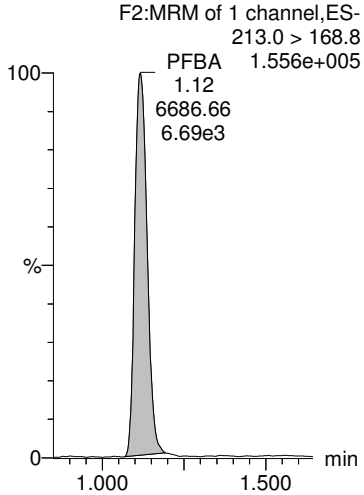

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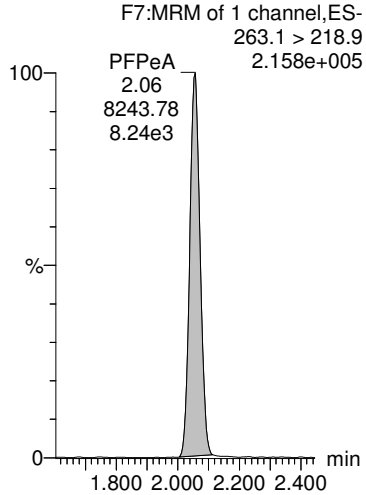

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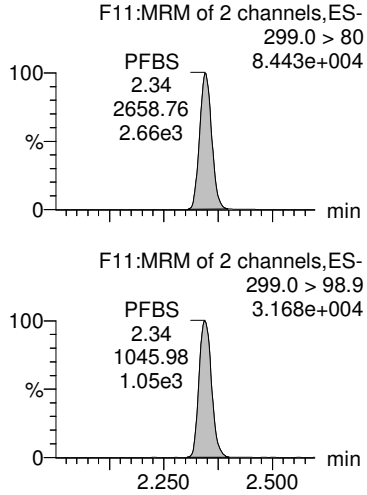

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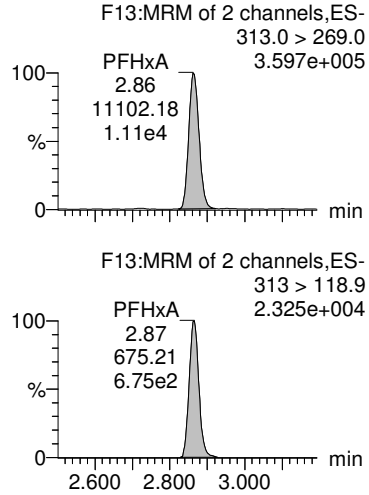

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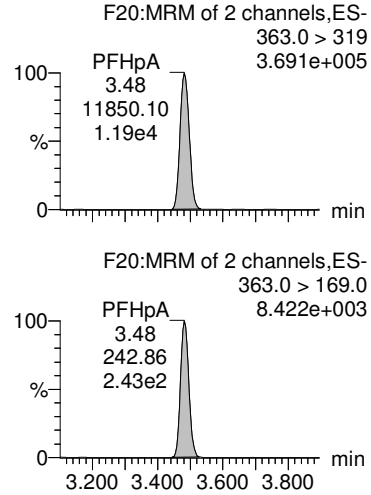

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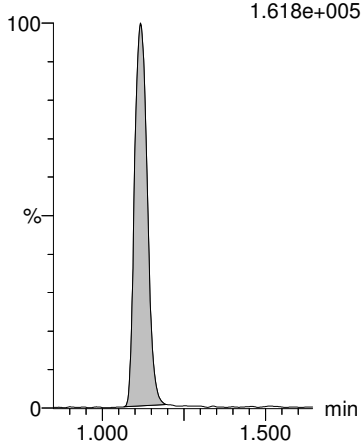

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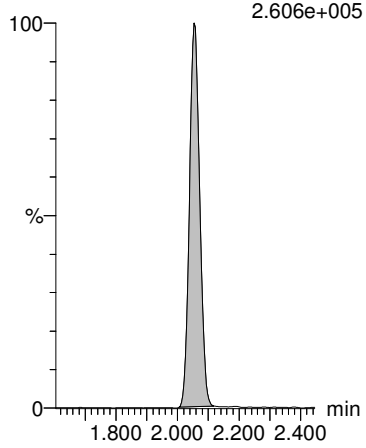

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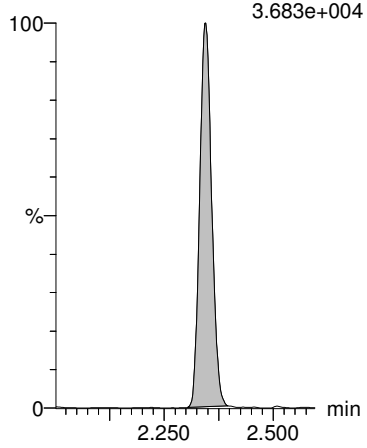

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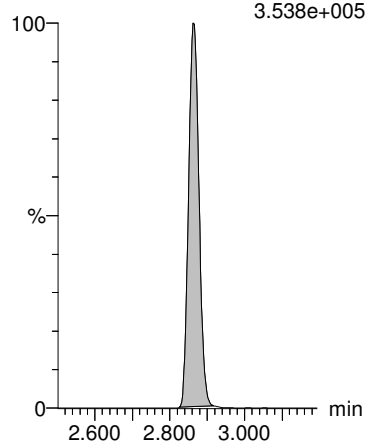

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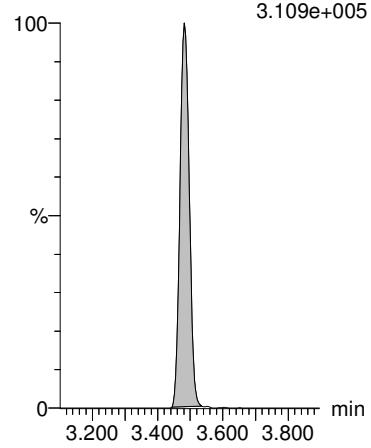

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-73.qld

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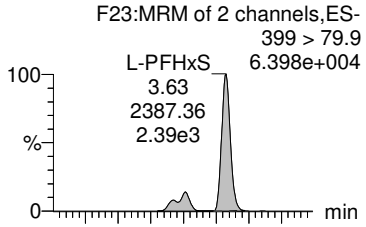
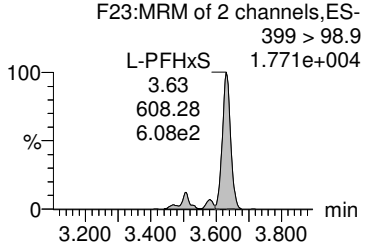
Name: 200629P1-73, Date: 29-Jun-2020, Time: 23:50:17, ID: B0F0256-BS1 OPR 0.125, Description: OPR

L-PFHxS





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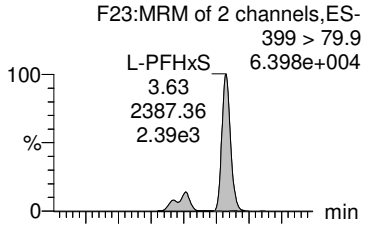
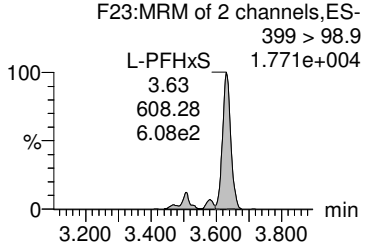
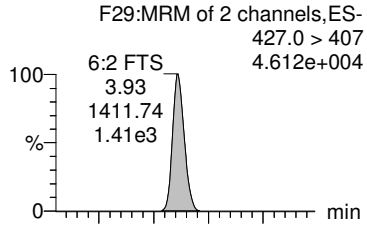
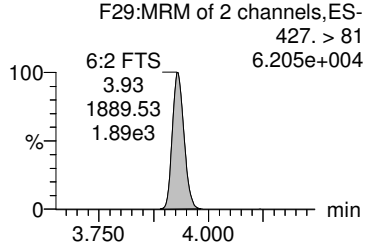




6:2 FTS





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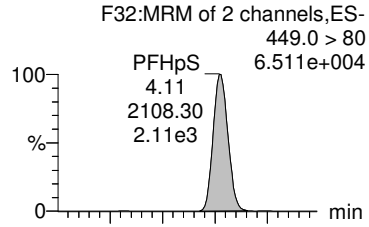

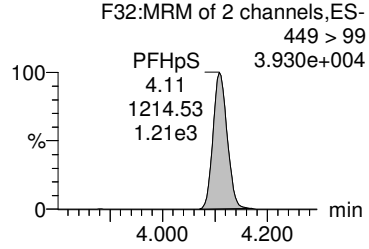

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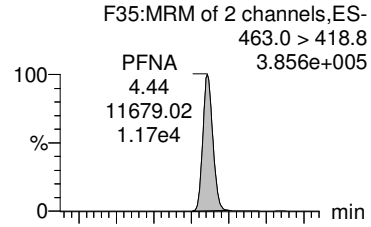

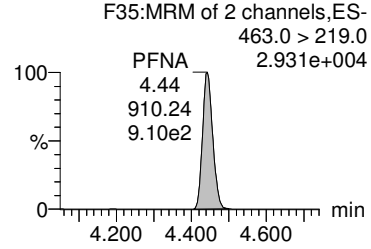

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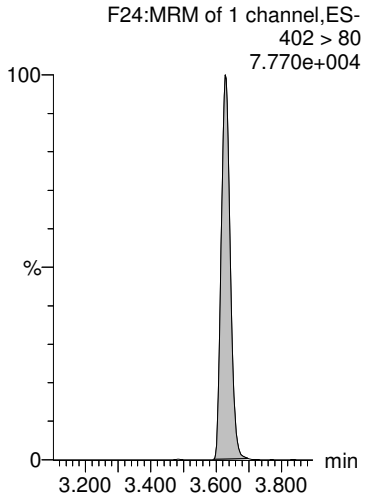

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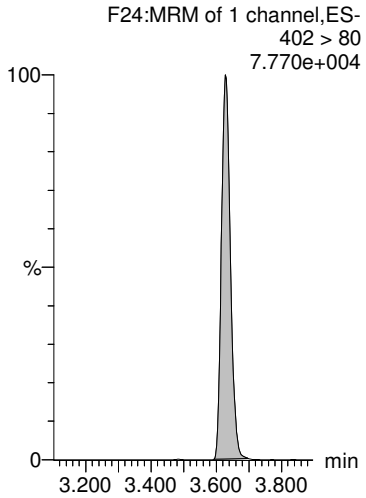

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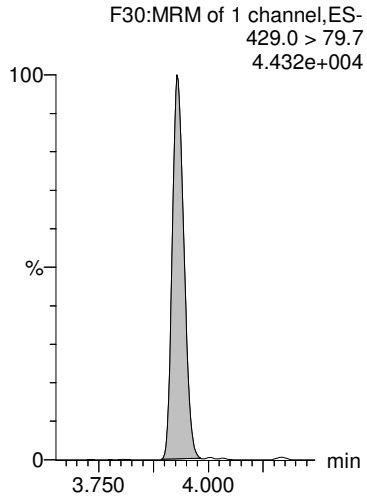

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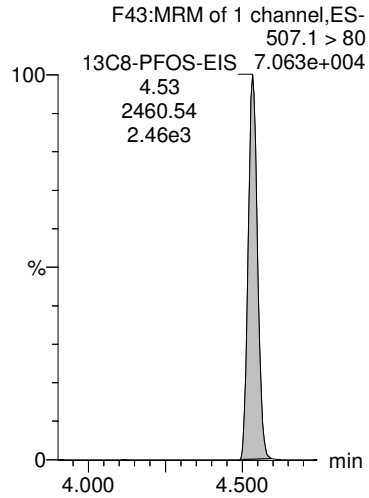
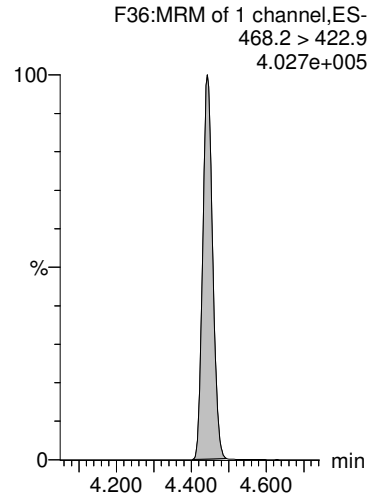


13C5-PFNA-EIS



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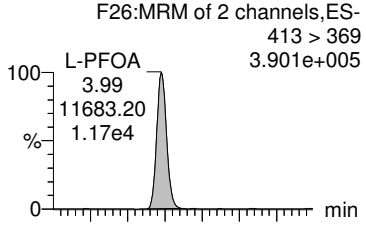

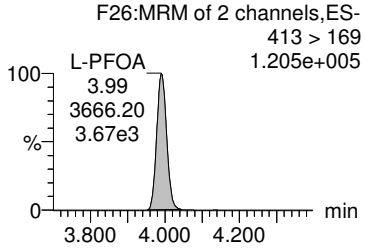

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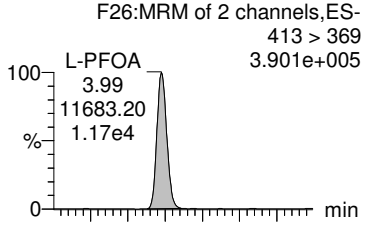

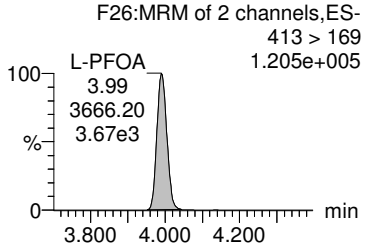

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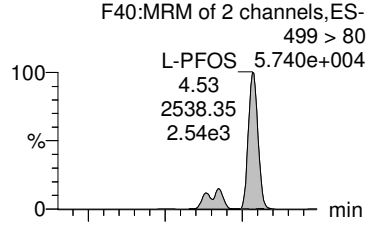

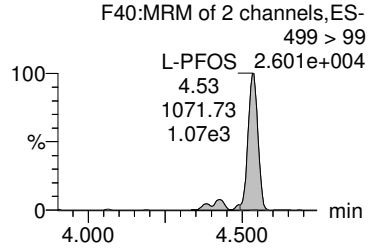

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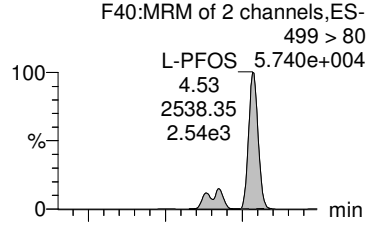

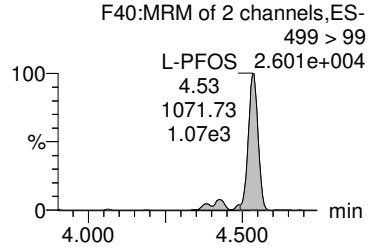

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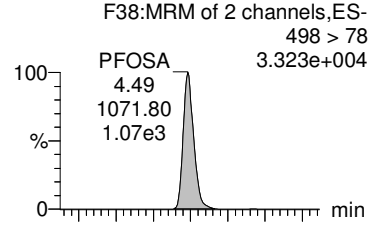

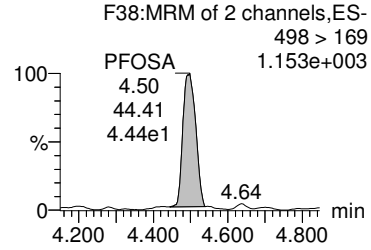

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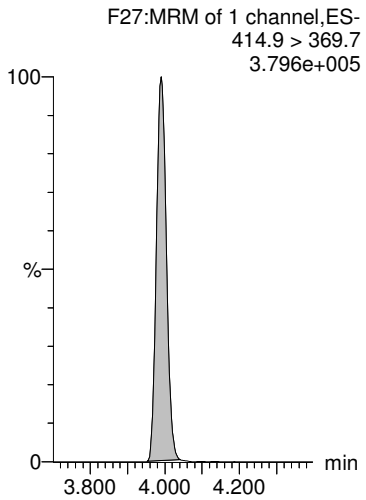

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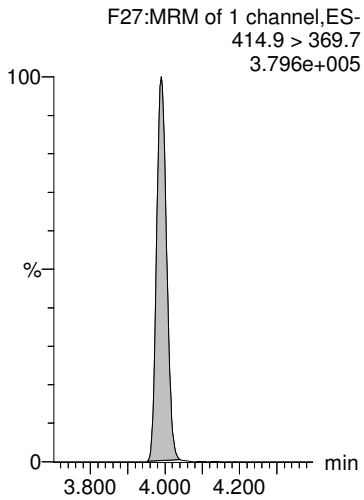

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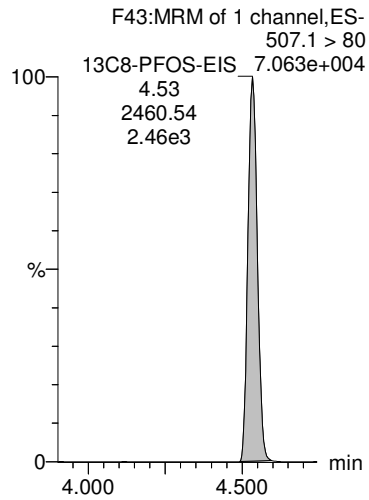

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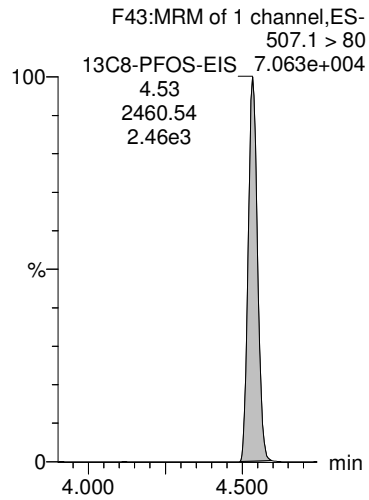

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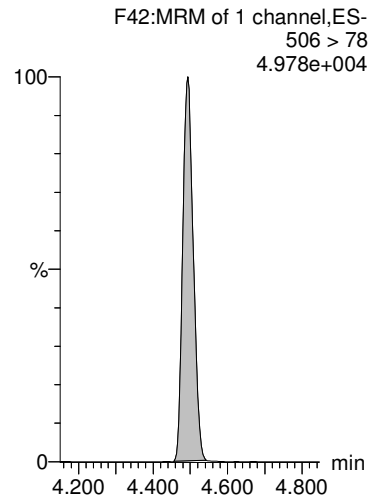

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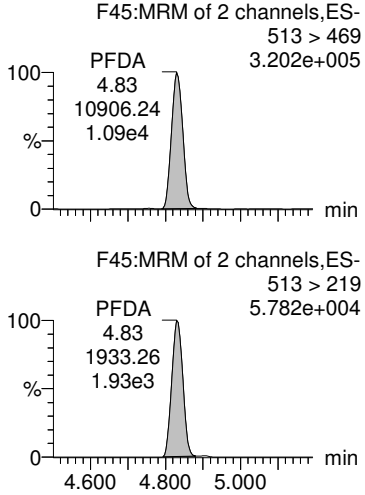

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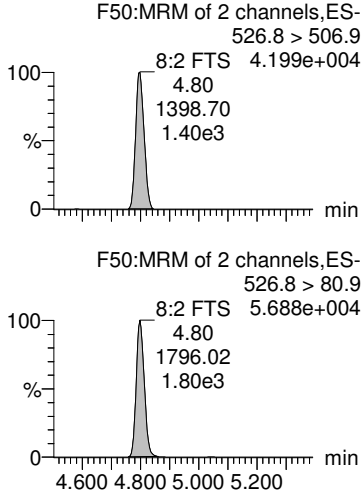

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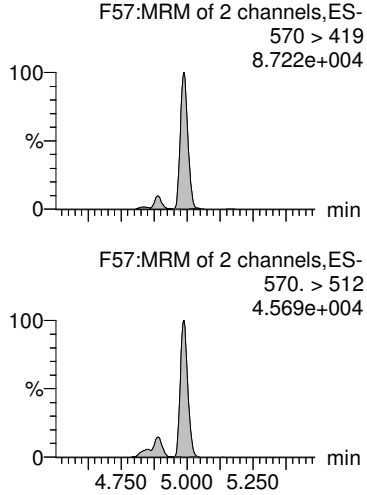

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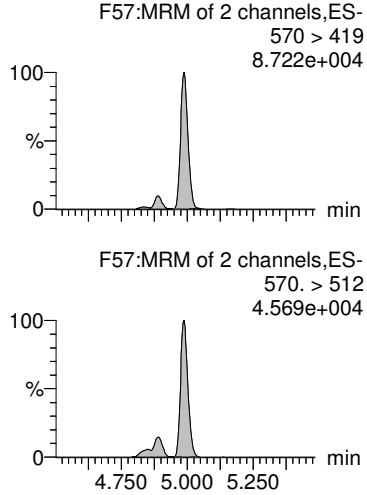

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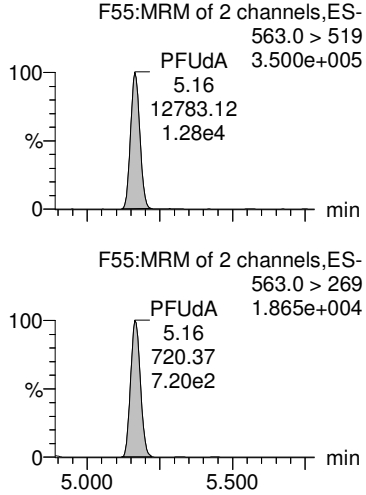

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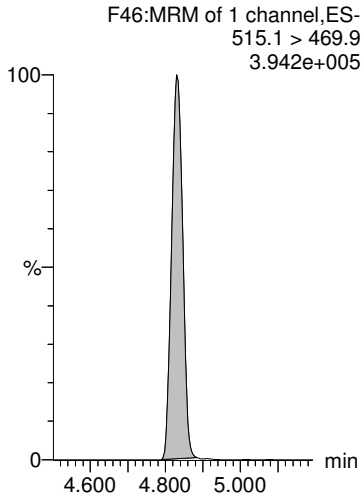

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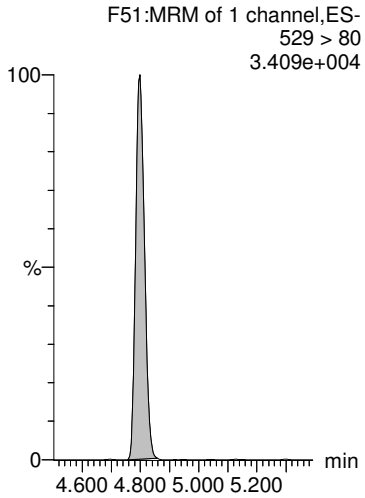

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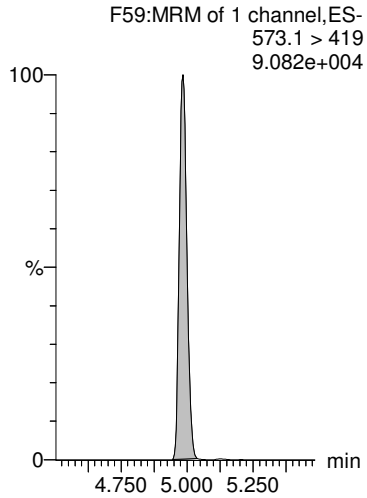

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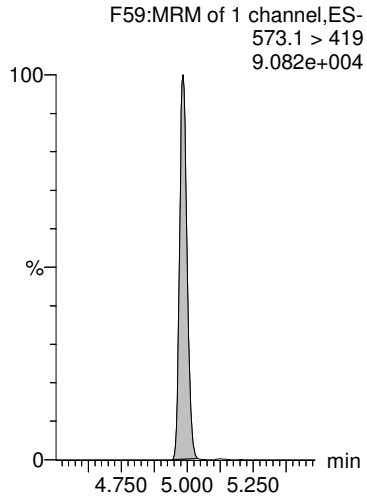

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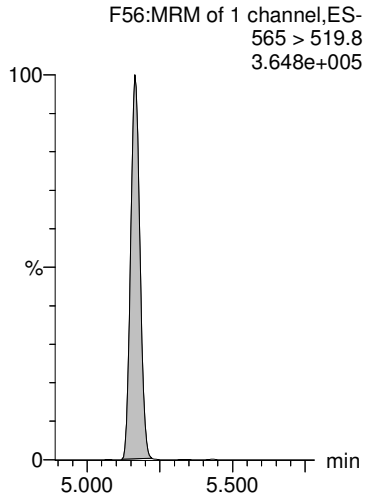

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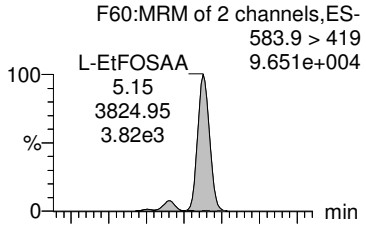

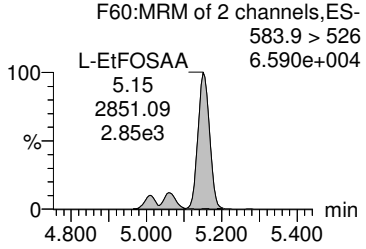

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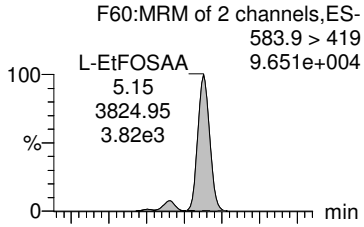

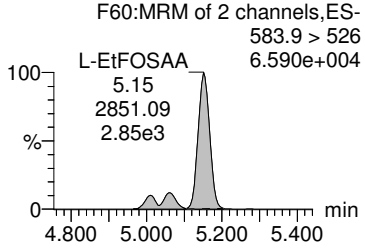

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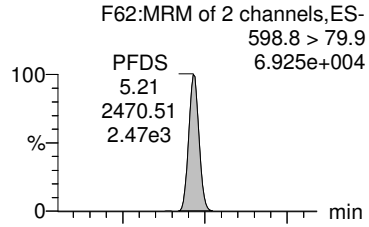

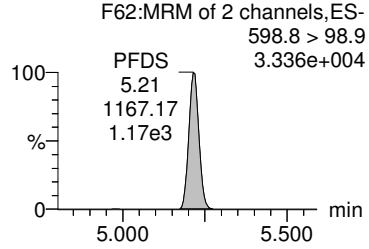

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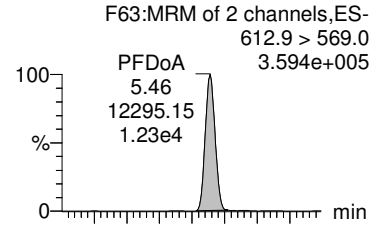

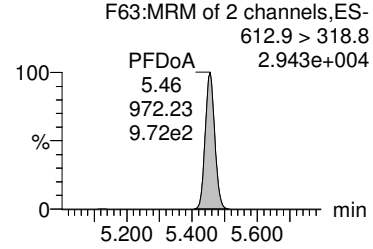

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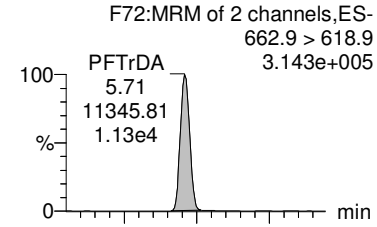

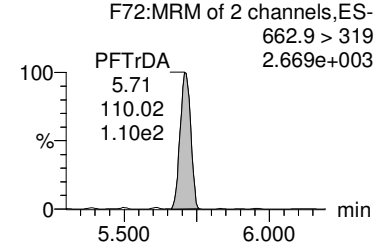

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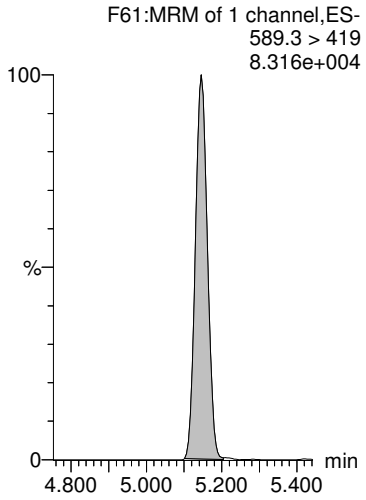

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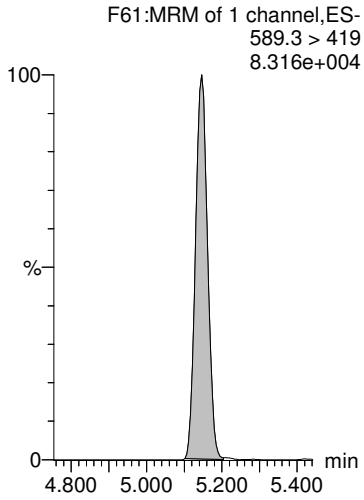

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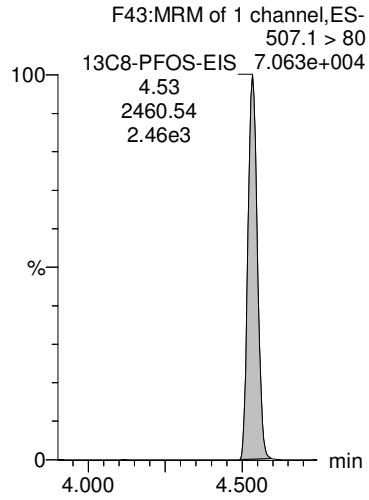

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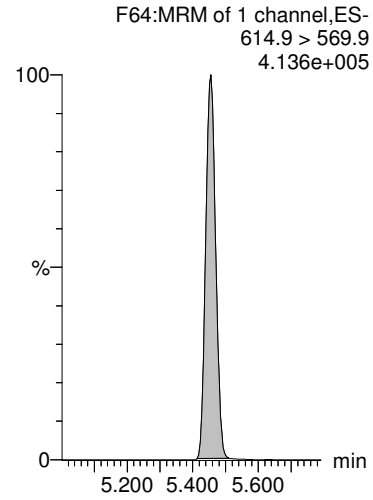

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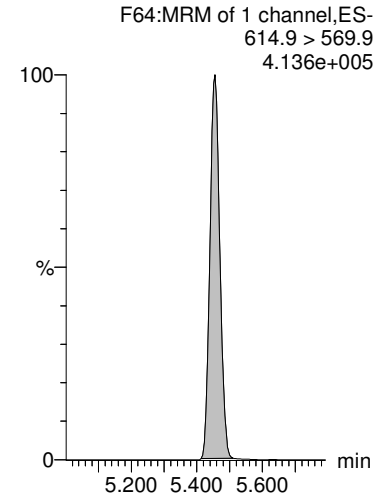

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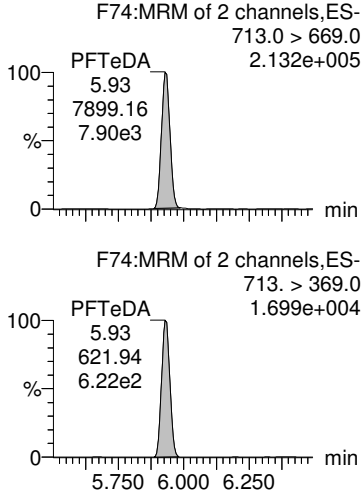

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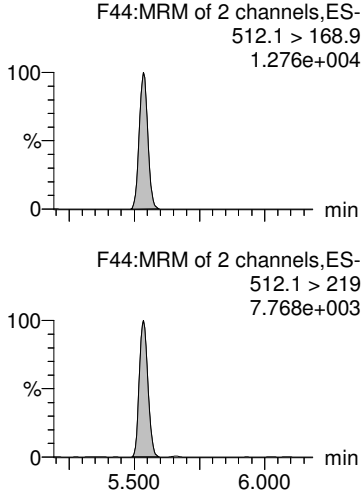

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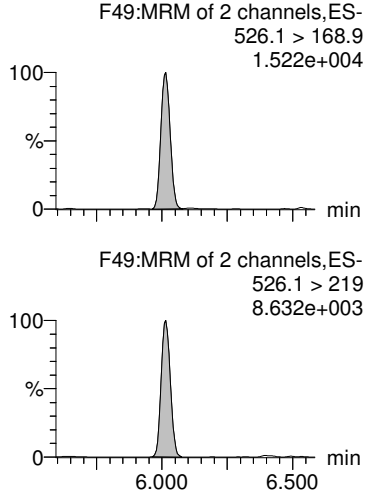

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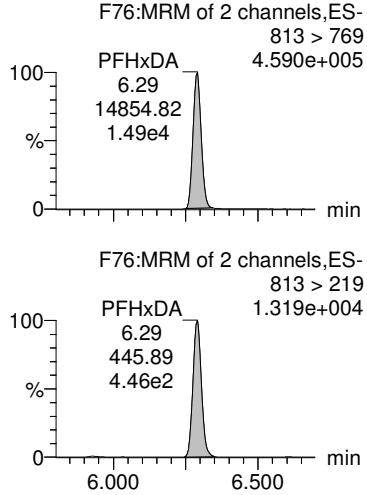

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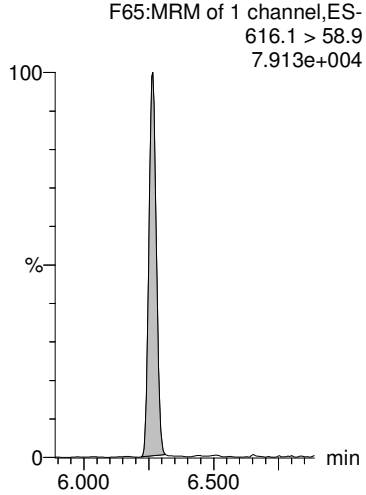

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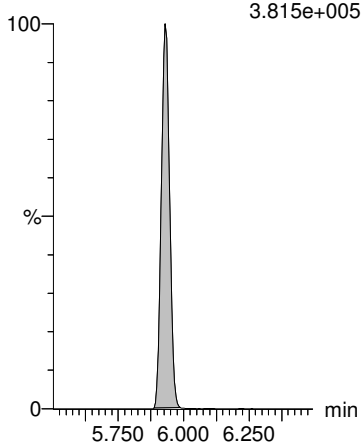

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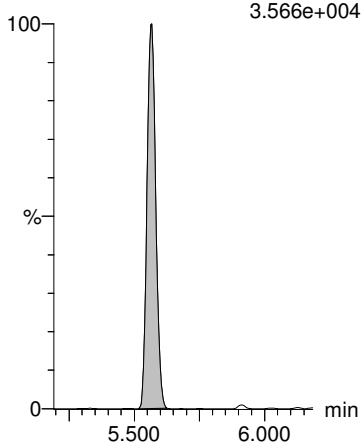

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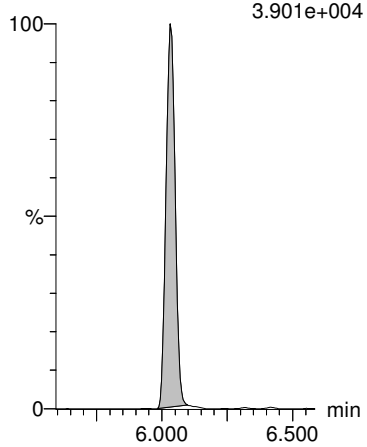

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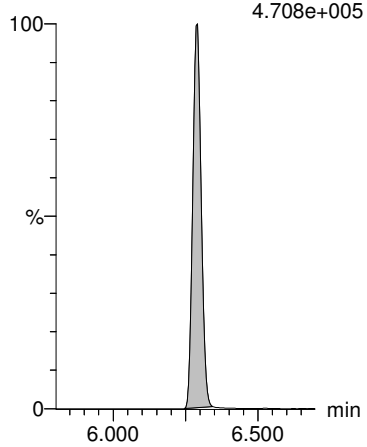

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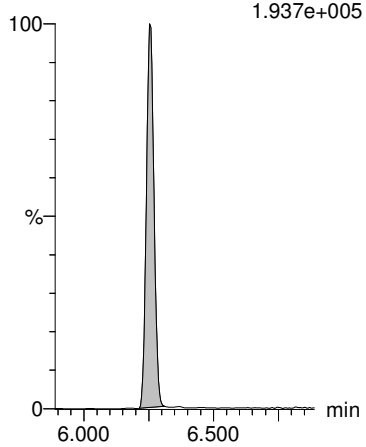

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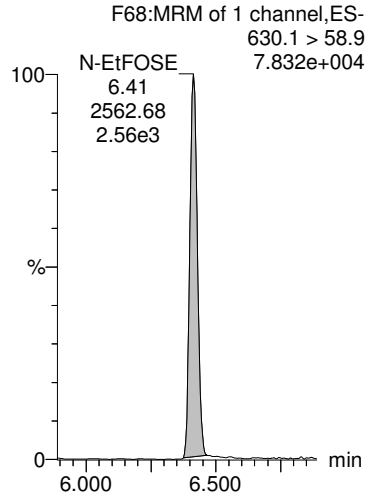
N-EtFOSE



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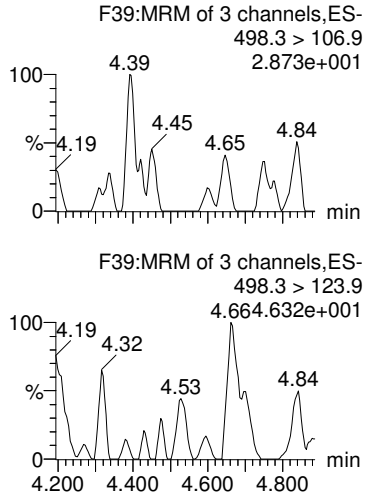

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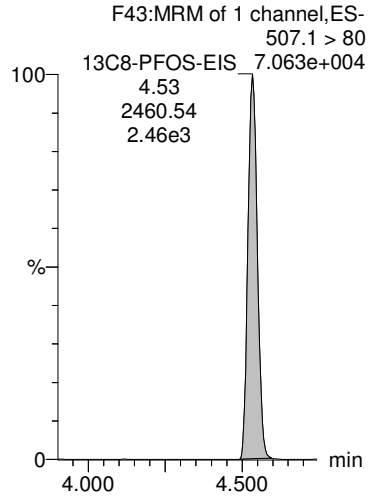

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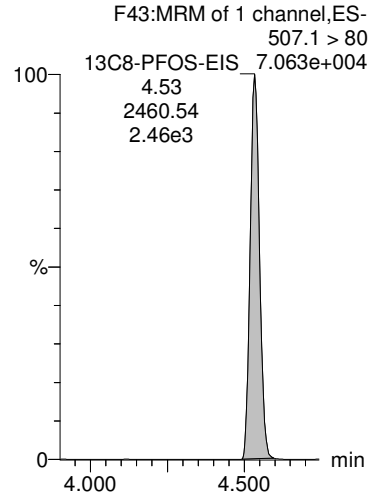

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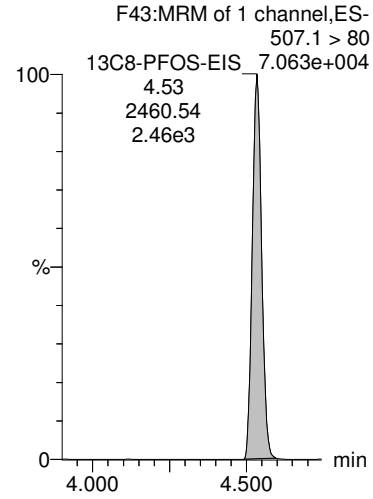

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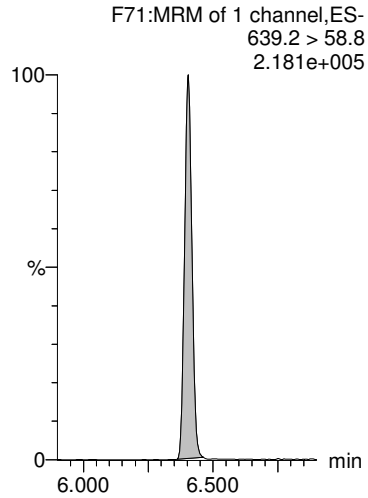

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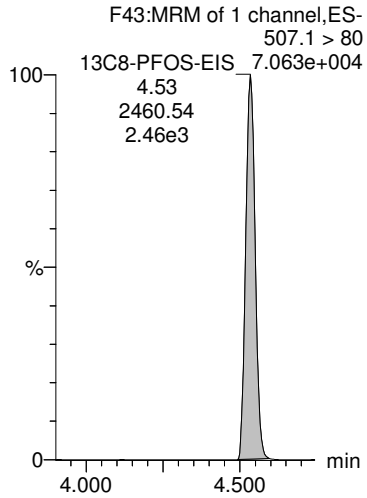

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-52.qld

Last Altered: Thursday, July 02, 2020 16:35:12 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:36:00 Pacific Daylight Time

Name: 200623P1-52, Date: 23-Jun-2020, Time: 19:51:21, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	4.416e1	3.394e3	0.110		4.49	4.49	0.163	2.018		9.831	NO
2	46	N-EtFOSE	630.1 > 58.9		1.495e4	0.110		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	3.394e3		0.110	461.908	4.57	4.49	3390	66.782	58.8		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.495e4		0.110	170.570	6.38	6.38	14900	796.342	58.7		
5	-1													

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Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-52.qld

Last Altered: Thursday, July 02, 2020 16:35:12 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:36:00 Pacific Daylight Time

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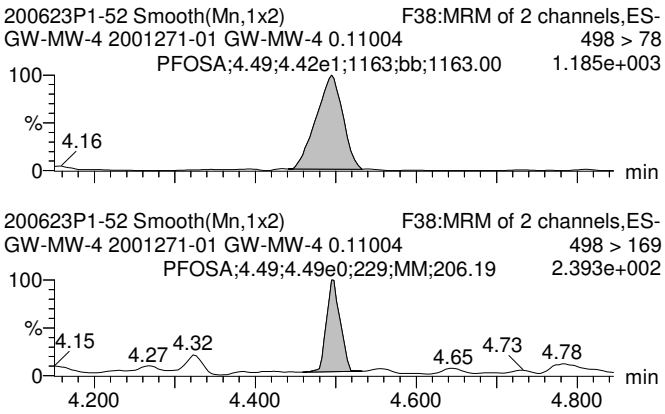
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-52, Date: 23-Jun-2020, Time: 19:51:21, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

PFOSA



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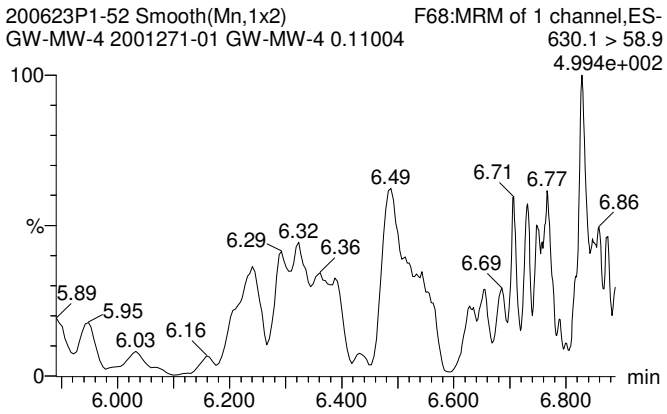

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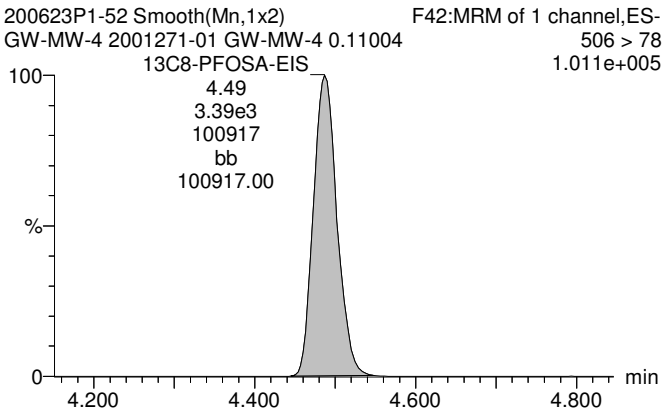
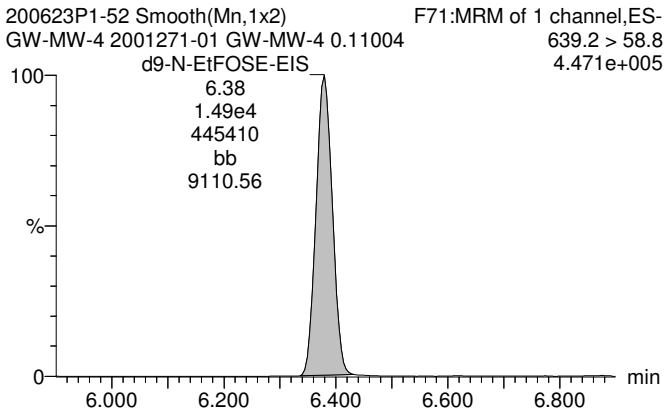


d9-N-EtFOSE-EIS



RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-77.qld

Last Altered: Thursday, July 02, 2020 17:25:57 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:26:48 Pacific Daylight Time

Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2.816e3	3.523e3	0.110		1.54	1.53	9.99	59.581			
2	4	PFPeA	263.1 > 218.9	4.121e3	4.692e3	0.110		2.54	2.54	11.0	105.712			
3	5	PFBS	299.0 > 79.7	1.156e2	1.313e3	0.110		2.82	2.82	1.10	4.336		2.27	NO
4	7	PFHxA	313.0 > 269.0	1.672e4	8.643e3	0.110		3.35	3.35	24.2	192.945		16.6	NO
5	11	PFHpA	363.0 > 318.9	2.173e4	5.017e3	0.110		3.96	3.96	54.1	396.852		7.79	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.523e3		0.110	371.472	1.61	1.54	3520	86.188	75.9		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.692e3		0.110	440.123	2.61	2.54	4690	96.871	85.3		
8	51	13C3-PFBS-EIS	302.0 > 99	1.313e3		0.110	108.310	2.97	2.82	1310	110.131	97.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.643e3		0.110	775.415	3.41	3.35	8640	101.299	89.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.017e3		0.110	449.866	4.01	3.96	5020	101.342	89.2		
11	-1													
12	13	L-PFHxS	399 > 80.0	8.493e2	3.066e3	0.110		4.10	4.10	3.46	29.959		1.70	NO
13	1...	Total PFHxS	399 > 80	8.493e2	3.066e3	0.110		3.83		3.46	29.959			
14	15	6:2 FTS	427 > 407.0	1.313e1	1.922e3	0.110		4.42	4.43	0.0854	0.385			YES
15	19	PFHpS	448.9 > 80.0	1.050e2	3.143e3	0.110		4.57	4.58	0.418	4.617		2.23	NO
16	21	PFNA	463.0 > 418.8	4.321e3	8.758e3	0.110		4.91	4.91	6.17	39.092		3.44	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.066e3		0.110	253.746	4.16	4.10	3070	109.820	96.7		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.066e3		0.110	253.746	4.16	4.10	3070	109.820	96.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.922e3		0.110	112.797	4.48	4.42	1920	154.884	136.3		
20	73	13C8-PFOS-EIS	507.0 > 80	3.143e3		0.110	253.261	5.04	4.99	3140	112.792	99.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.758e3		0.110	780.691	4.96	4.91	8760	101.949	89.7		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.210e5	1.084e4	0.110		4.47	4.47	140	815.098		3.89	NO
24	1...	Total PFOA	412.8 > 368.9	1.210e5	1.084e4	0.110		4.20		140	815.098			
25	23	L-PFOS	499 > 80	9.328e2	3.143e3	0.110		4.99	4.99	3.71	34.761		3.07	NO
26	1...	Total PFOS	499 > 80	9.328e2	3.143e3	0.110		4.73		3.71	34.761			
27	26	PFDA	513 > 468.8		9.465e3	0.110		5.28						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.084e4		0.110	1032.548	4.53	4.47	10800	95.381	84.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.084e4		0.110	1032.548	4.53	4.47	10800	95.381	84.0		
30	73	13C8-PFOS-EIS	507.0 > 80	3.143e3		0.110	253.261	5.04	4.99	3140	112.792	99.3		
31	73	13C8-PFOS-EIS	507.0 > 80	3.143e3		0.110	253.261	5.04	4.99	3140	112.792	99.3		
32	75	13C2-PFDA-EIS	515.1 > 469.9	9.465e3		0.110	863.274	5.33	5.28	9470	99.638	87.7		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		2.112e3	0.110		5.25						YES
35	29	L-MeFOSAA	570 > 419		8.832e3	0.110		5.43						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	8.832e3	0.110		5.17		0.000				

RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-77.qld

Last Altered: Thursday, July 02, 2020 17:25:57 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:26:48 Pacific Daylight Time

Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.563e4	0.110		5.60						YES
38	34	PFDS	599.0 > 80.0		3.143e3	0.110		5.71						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2.112e3		0.110	200.576	5.31	5.25	2110	95.683	84.2		
40	79	d3-N-MeFOSAA-EIS	573. > 419	8.832e3		0.110	772.961	5.48	5.43	8830	103.833	91.4		
41	79	d3-N-MeFOSAA-EIS	573. > 419	8.832e3		0.110	772.961	5.48	5.43	8830	103.833	91.4		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.563e4		0.110	1406.602	5.65	5.60	15600	101.007	88.9		
43	73	13C8-PFOS-EIS	507.0 > 80	3.143e3		0.110	253.261	5.04	4.99	3140	112.792	99.3		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	4.422e1	7.315e3	0.110		5.58	5.59	0.0756	1.764		1.31	NO
46	1...	Total N-EtFOSAA	583.9 > 419	4.422e1	7.315e3	0.110		5.33		0.0756	1.764			
47	37	PFDoA	612.9 > 569.0		1.684e4	0.110		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.684e4	0.110		6.14						YES
49	41	PFTeDA	713.0 > 669.0		1.001e4	0.110		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	7.315e3		0.110	680.656	5.63	5.58	7320	97.670	86.0		
51	83	d5-N-EtFOSAA-EIS	589. > 419	7.315e3		0.110	680.656	5.63	5.58	7320	97.670	86.0		
52	85	13C2-PFDoA-EIS	615 > 570	1.684e4		0.110	1620.087	5.93	5.88	16800	94.478	83.2		
53	85	13C2-PFDoA-EIS	615 > 570	1.684e4		0.110	1620.087	5.93	5.88	16800	94.478	83.2		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	1.001e4		0.110	1080.991	6.37	6.32	10000	84.120	74.1		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		4.754e3	0.110		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		6.225e3	0.110		6.15						YES
58	43	PFHxDA	813.1 > 768.6		1.371e4	0.110		6.61						YES
59	45	N-MeFOSE	616.1 > 58.9		6.018e3	0.110		6.32						
60	1...	TDCA	498.3>106.9			0.110		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	4.754e3		0.110	84.650	5.81	5.78	4750	510.355	37.6		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	6.225e3		0.110	120.333	6.18	6.17	6220	470.111	34.7		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.371e4		0.110	1527.484	6.65	6.61	13700	81.589	71.8		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	6.018e3		0.110	71.023	6.25	6.32	6020	770.011	56.8		
65	73	13C8-PFOS-EIS	507.0 > 80	3.143e3		0.110	253.261	5.04	4.99	3140	112.792	99.3		

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-77.qld

Last Altered: Thursday, July 02, 2020 17:25:57 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:26:48 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 17:21:29
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

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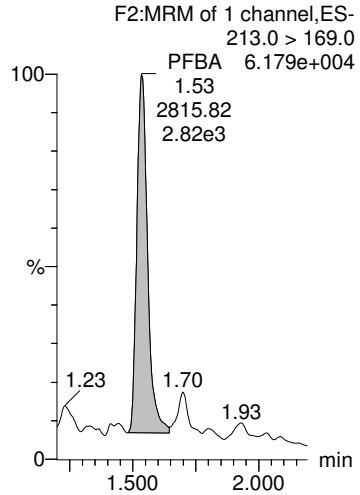

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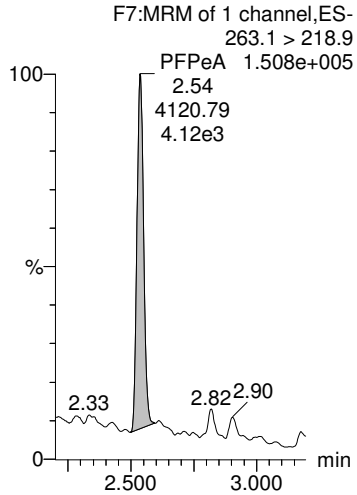

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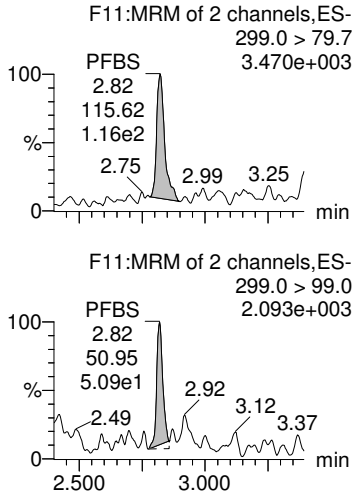

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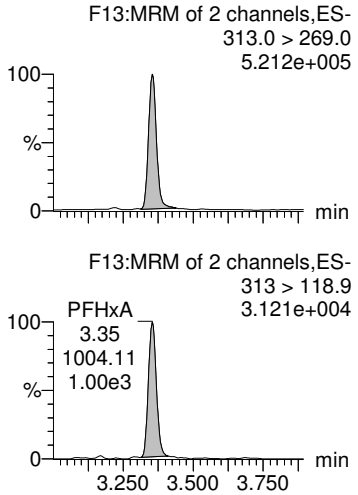

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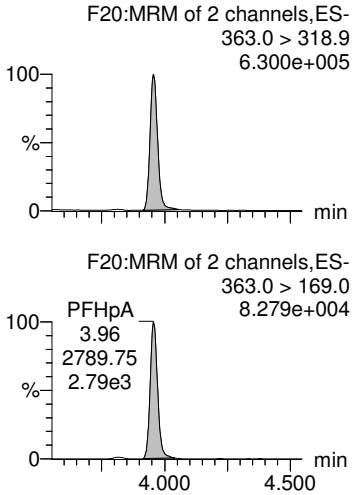

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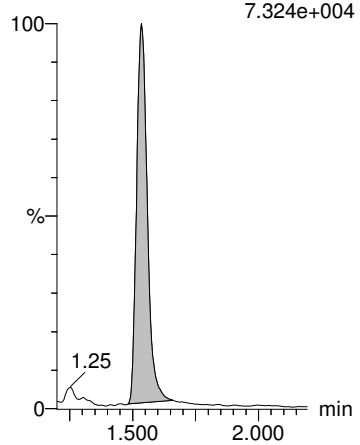

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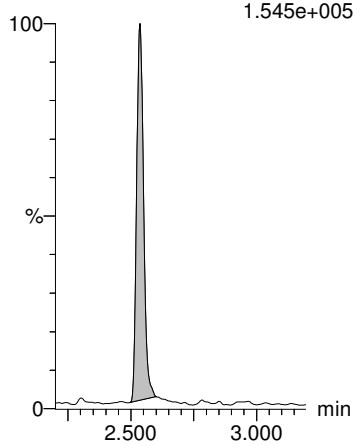

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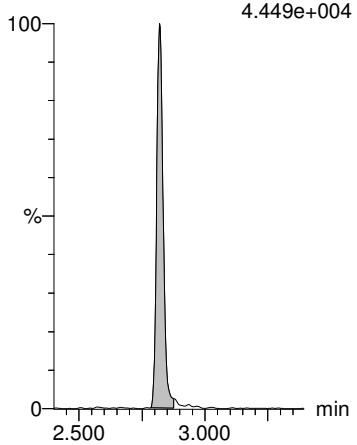

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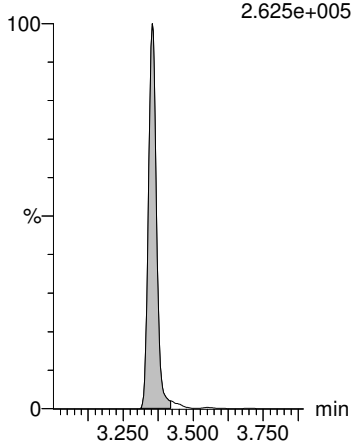

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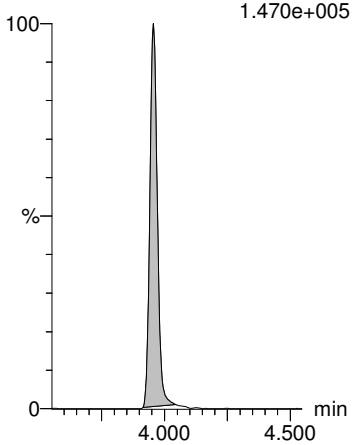

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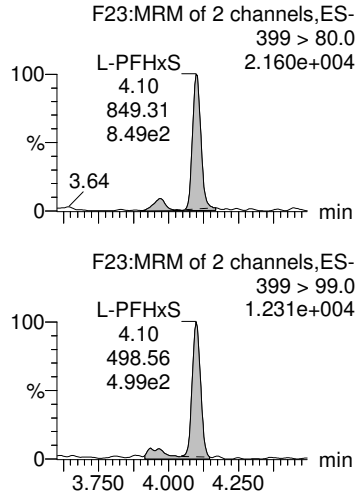
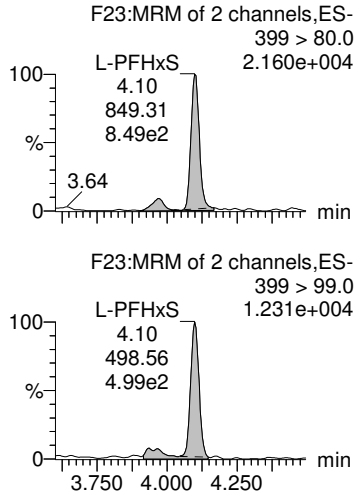
Last Altered: Thursday, July 02, 2020 17:25:57 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:26:48 Pacific Daylight Time

Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

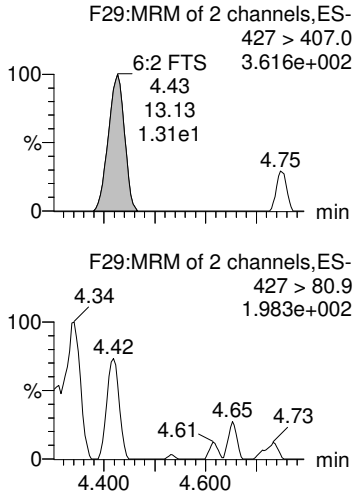
L-PFHxS



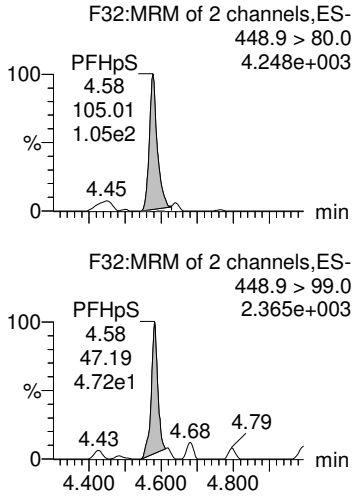
Total PFHxS



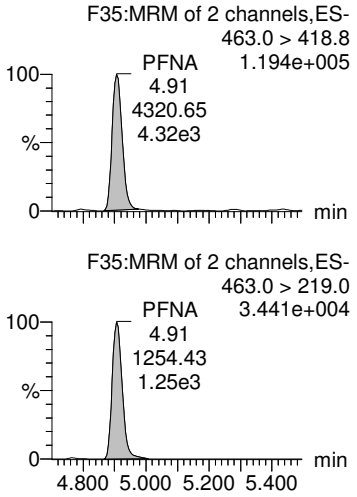
6:2 FTS



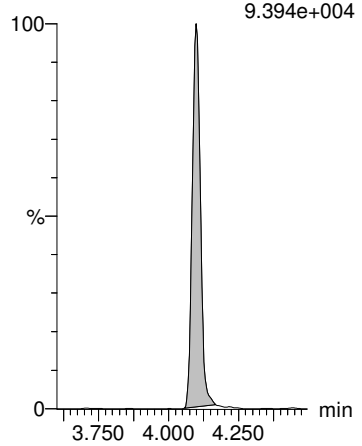
PFHpS



PFNA



13C3-PFHxS-EIS



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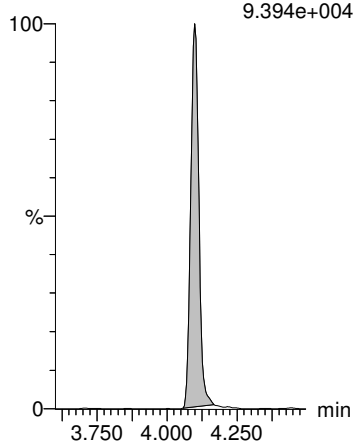
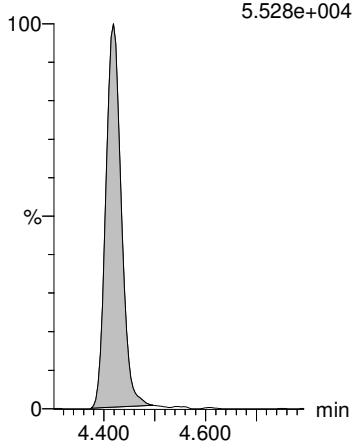
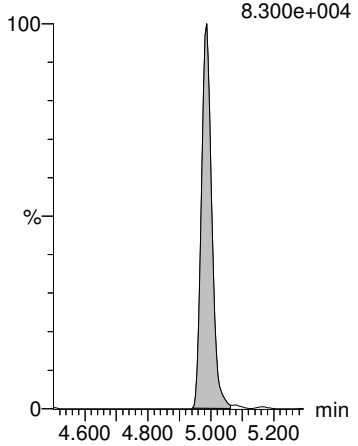


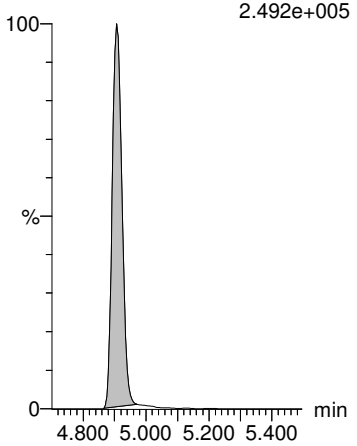
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

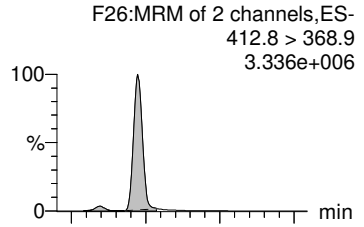


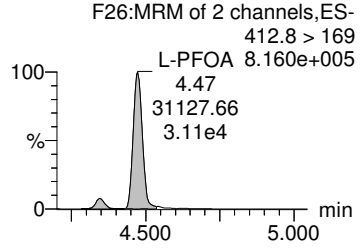
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-77.qld

Last Altered: Thursday, July 02, 2020 17:25:57 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:26:48 Pacific Daylight Time

Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

L-PFOA





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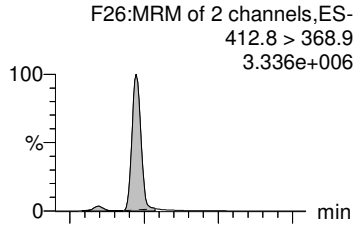
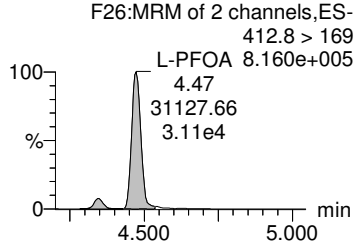
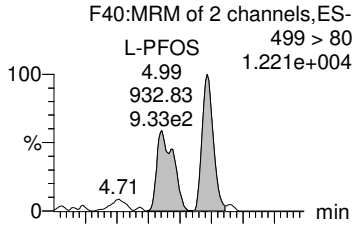
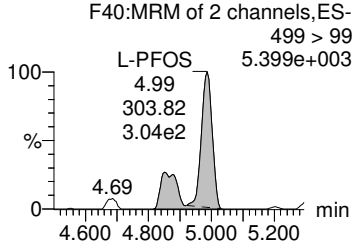




L-PFOS





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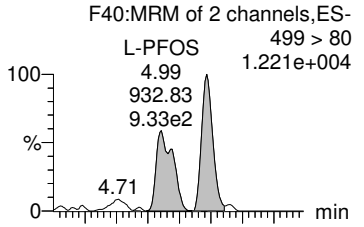

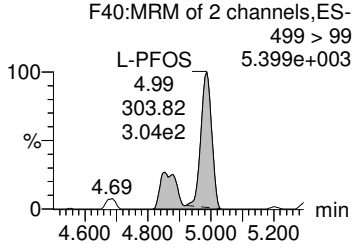

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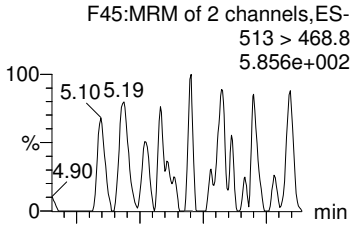
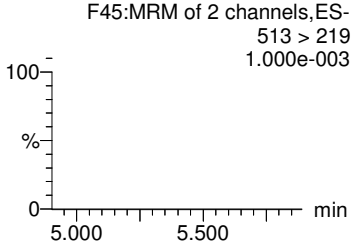
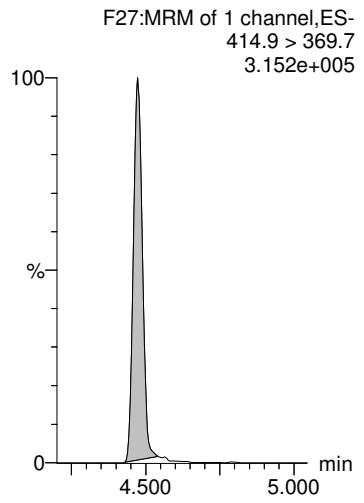




13C2-PFOA-EIS



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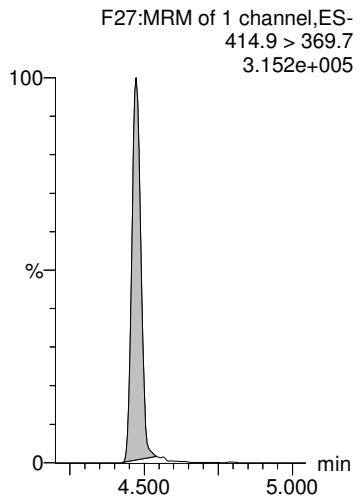

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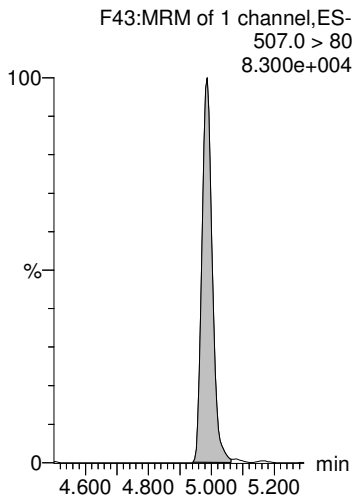

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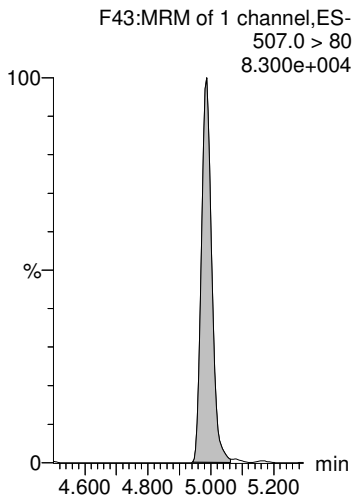

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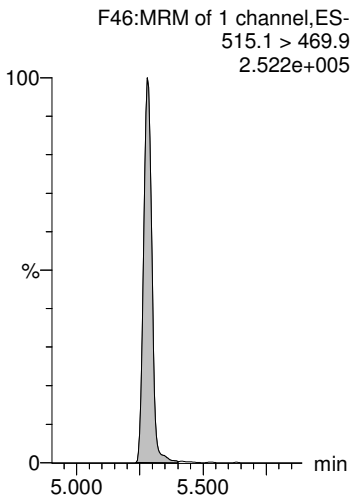


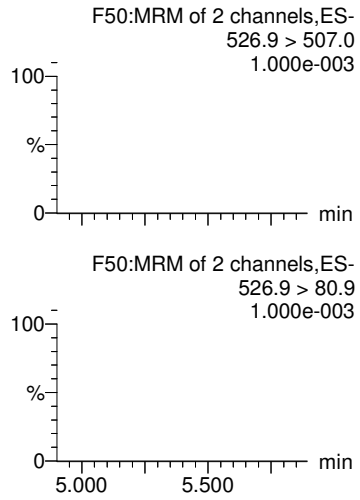
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-77.qld

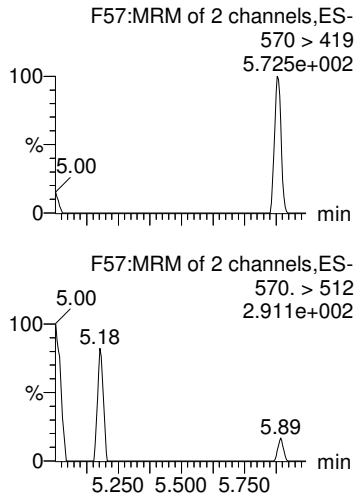
Last Altered: Thursday, July 02, 2020 17:25:57 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:26:48 Pacific Daylight Time

Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

8:2 FTS



L-MeFOSAA



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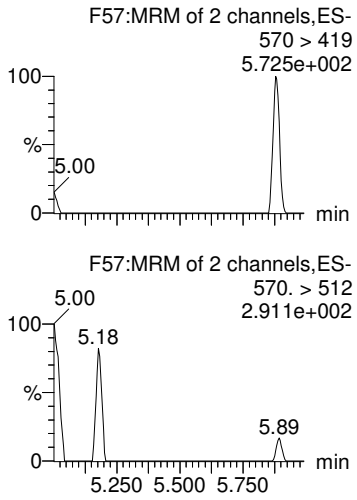

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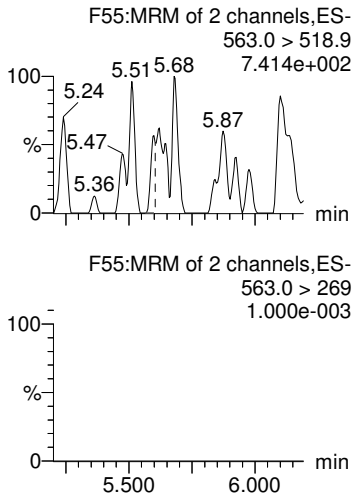

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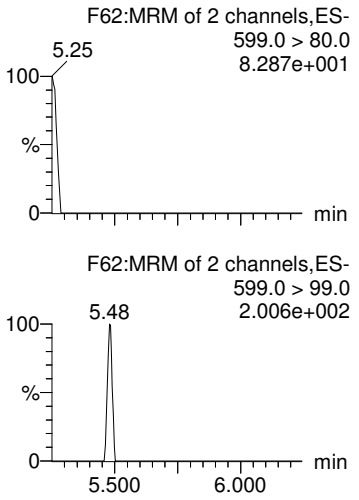
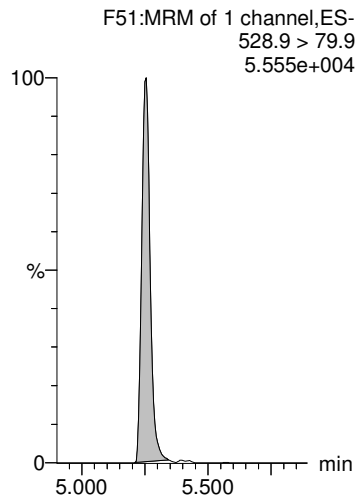
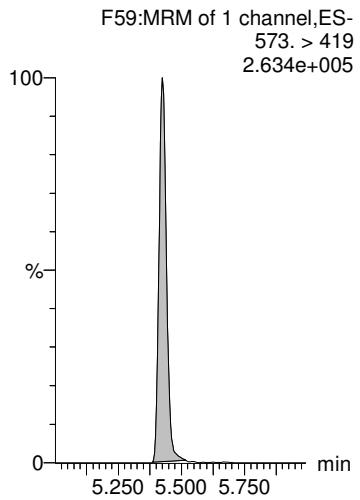


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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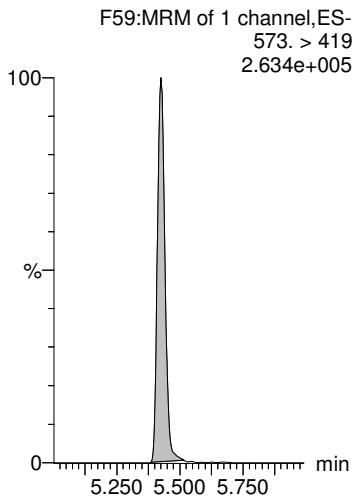

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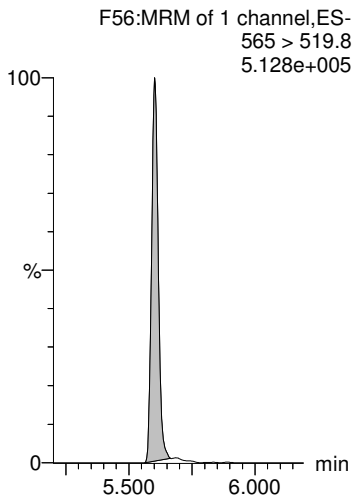

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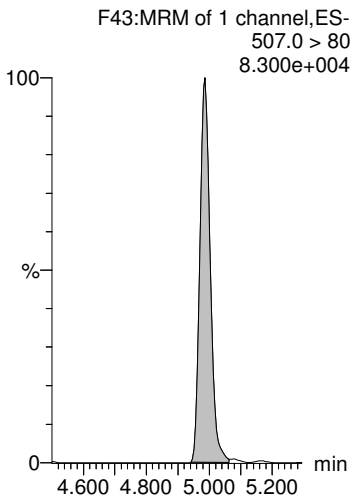

RK 7/2/2020

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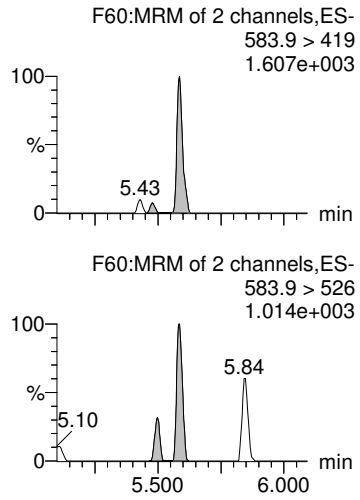
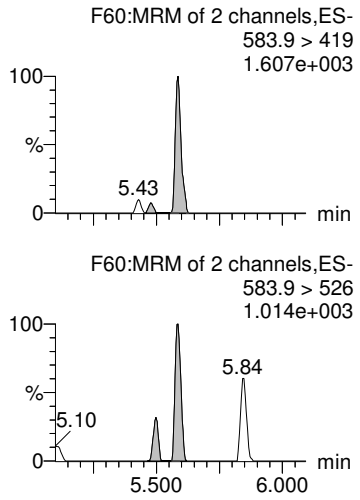
Last Altered: Thursday, July 02, 2020 17:25:57 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:26:48 Pacific Daylight Time

Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

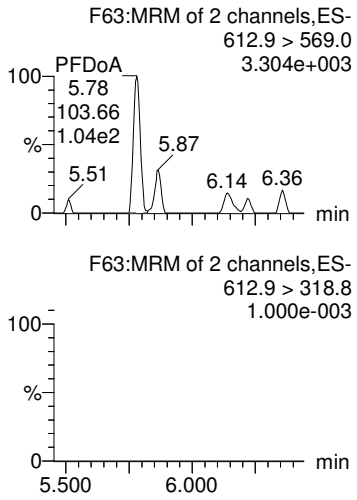
L-EtFOSAA



Total N-EtFOSAA



PFDoA



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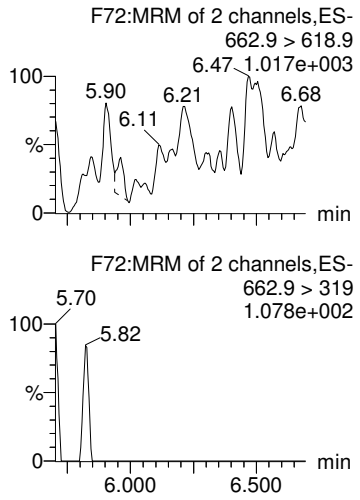

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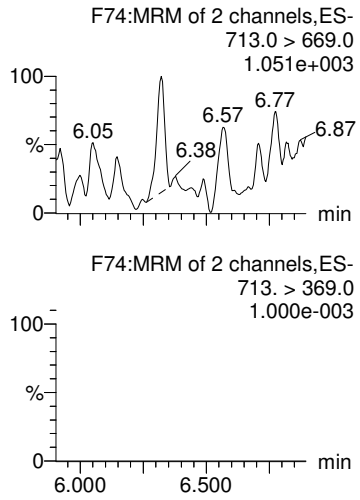
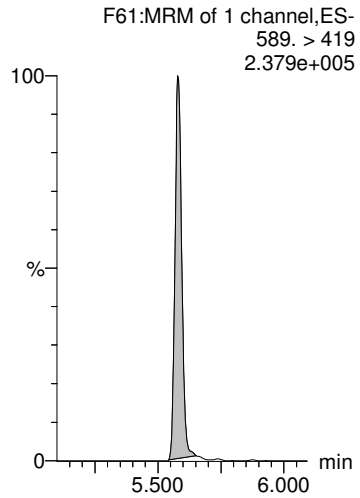


d5-N-EtFOSAA-EIS



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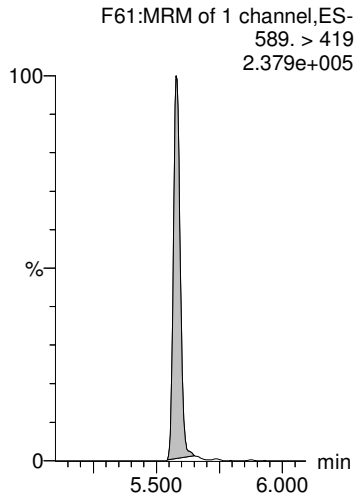

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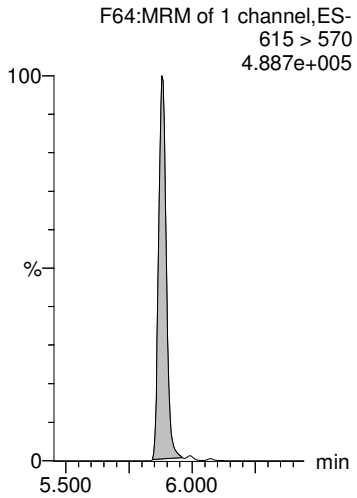

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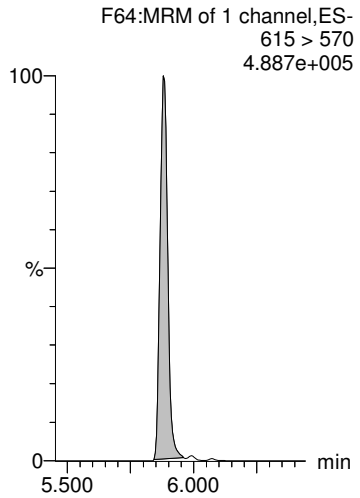

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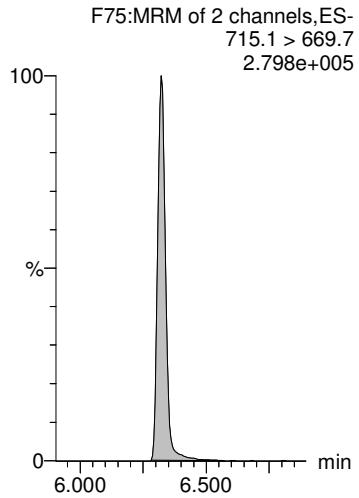

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Name: 200630M1_77, Date: 01-Jul-2020, Time: 04:32:27, ID: 2001271-01 GW-MW-4 0.11004, Description: GW-MW-4

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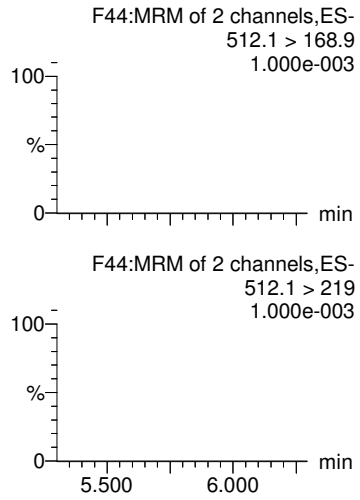
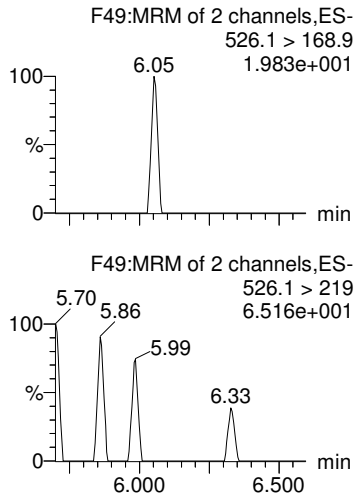
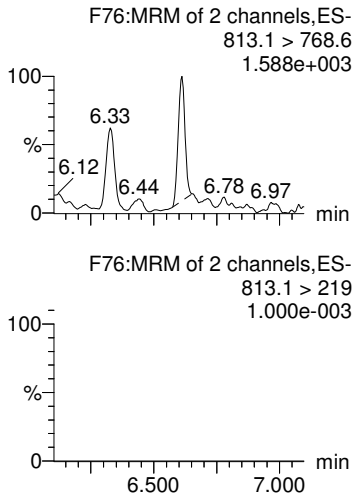


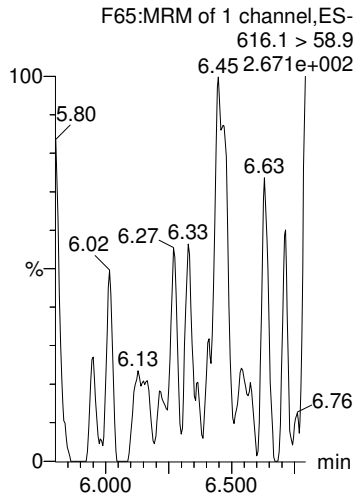
N-EtFOSA



PFHxDA



N-MeFOSE



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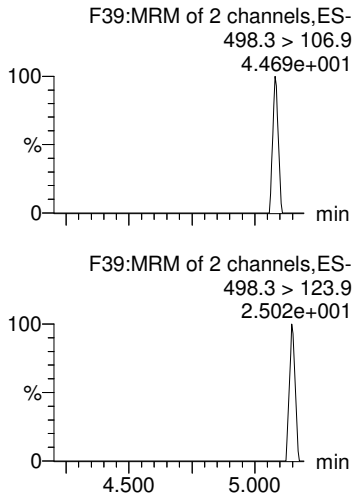
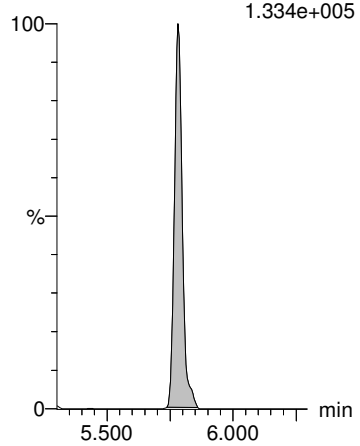


d3-N-MeFOSA-EIS



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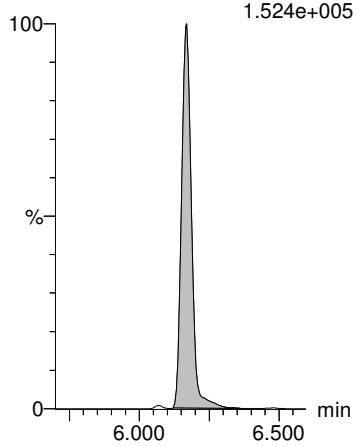

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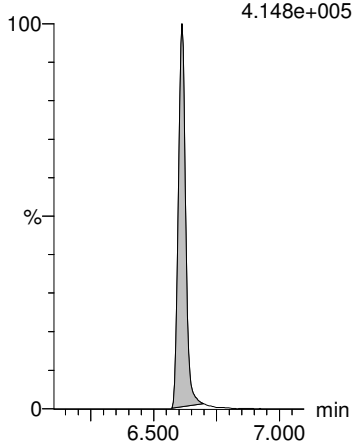
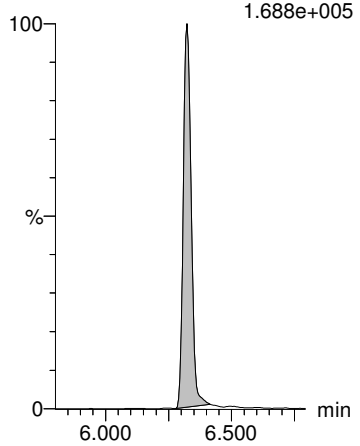
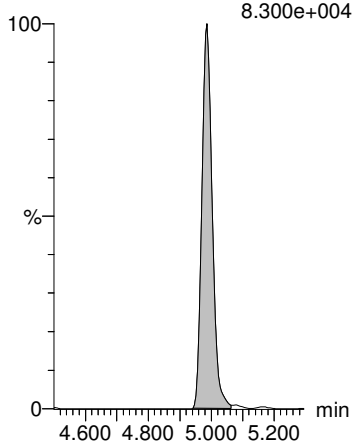


d7-N-MeFOSE-EIS



13C8-PFOS-EIS



RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-53.qld

Last Altered: Thursday, July 02, 2020 16:38:29 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:39:07 Pacific Daylight Time

Name: 200623P1-53, Date: 23-Jun-2020, Time: 20:01:50, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	6.448e1	3.226e3	0.112		4.49	4.48	0.250	3.129		51.420	NO
2	46	N-EtFOSE	630.1 > 58.9		1.328e4	0.112		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	3.226e3		0.112	461.908	4.57	4.49	3230	62.435	55.9		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.328e4		0.112	170.570	6.38	6.38	13300	696.094	52.2		
5	-1													

RK 7/2/2020

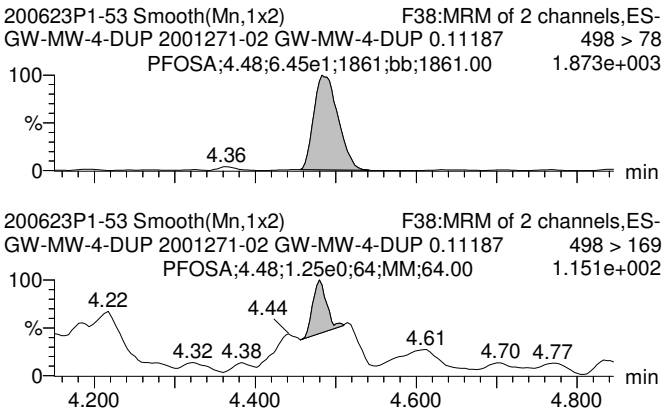
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-53.qld

Last Altered: Thursday, July 02, 2020 16:38:29 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:39:07 Pacific Daylight Time

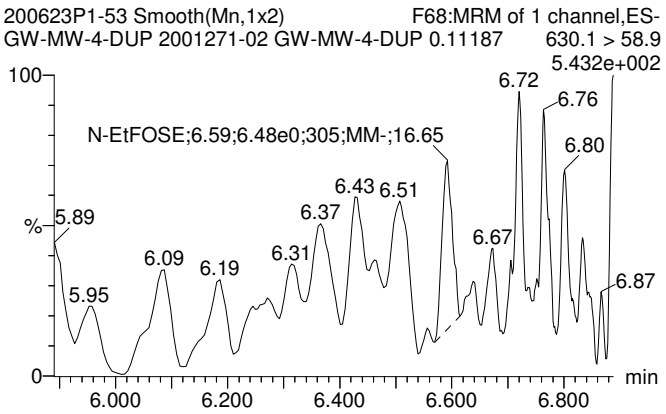
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:36:57
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-53, Date: 23-Jun-2020, Time: 20:01:50, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

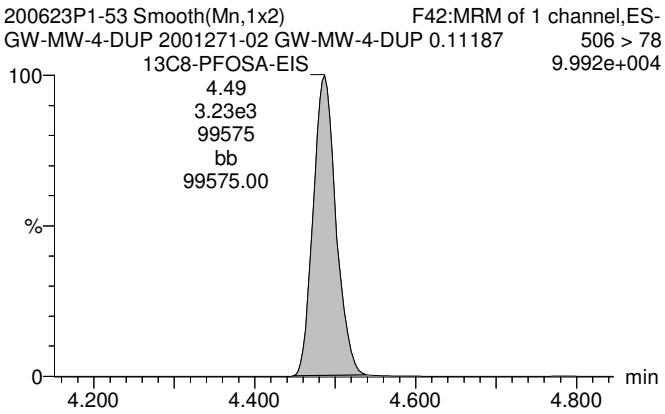
PFOSA



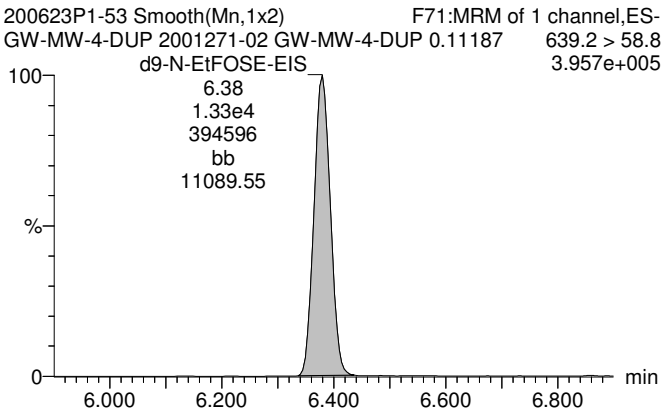
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-78.qld

Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2.699e3	3.590e3	0.112		1.53	1.53	9.40	55.116			
2	4	PFPeA	263.1 > 218.9	4.156e3	4.912e3	0.112		2.53	2.54	10.6	100.174			
3	5	PFBS	299.0 > 79.7	1.158e2	1.329e3	0.112		2.82	2.82	1.09	4.213		3.59	NO
4	7	PFHxA	313.0 > 269.0	1.771e4	9.150e3	0.112		3.35	3.35	24.2	189.894		15.8	NO
5	11	PFHpA	363.0 > 318.9	2.211e4	5.136e3	0.112		3.96	3.96	53.8	387.913		7.78	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.590e3		0.112	371.472	1.61	1.53	3590	86.387	77.3		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.912e3		0.112	440.123	2.61	2.53	4910	99.756	89.3		
8	51	13C3-PFBS-EIS	302.0 > 99	1.329e3		0.112	108.310	2.97	2.82	1330	109.670	98.2		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	9.150e3		0.112	775.415	3.41	3.35	9150	105.482	94.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.136e3		0.112	449.866	4.01	3.96	5140	102.051	91.3		
11	-1													
12	13	L-PFHxS	399 > 80.0	8.264e2	3.298e3	0.112		4.10	4.10	3.13	26.689		1.49	NO
13	1...	Total PFHxS	399 > 80	8.264e2	3.298e3	0.112		3.83		3.13	26.689			
14	15	6:2 FTS	427 > 407.0		1.862e3	0.112		4.42						YES
15	19	PFHpS	448.9 > 80.0	6.819e1	3.403e3	0.112		4.57	4.57	0.250	2.890		1.85	NO
16	21	PFNA	463.0 > 418.8	4.617e3	9.481e3	0.112		4.91	4.91	6.09	37.959		3.39	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.298e3		0.112	253.746	4.16	4.10	3300	116.189	104.0		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.298e3		0.112	253.746	4.16	4.10	3300	116.189	104.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.862e3		0.112	112.797	4.48	4.42	1860	147.586	132.1		
20	73	13C8-PFOS-EIS	507.0 > 80	3.403e3		0.112	253.261	5.04	4.99	3400	120.104	107.5		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.481e3		0.112	780.691	4.96	4.91	9480	108.560	97.2		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.275e5	1.119e4	0.112		4.47	4.47	142	817.646		3.88	NO
24	1...	Total PFOA	412.8 > 368.9	1.275e5	1.119e4	0.112		4.20		142	817.646			
25	23	L-PFOS	499 > 80	1.152e3	3.403e3	0.112		4.99	4.99	4.23	38.896		2.31	YES
26	1...	Total PFOS	499 > 80	1.152e3	3.403e3	0.112		4.73		4.23	38.896			
27	26	PFDA	513 > 468.8		9.849e3	0.112		5.28						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.119e4		0.112	1032.548	4.53	4.47	11200	96.910	86.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.119e4		0.112	1032.548	4.53	4.47	11200	96.910	86.7		
30	73	13C8-PFOS-EIS	507.0 > 80	3.403e3		0.112	253.261	5.04	4.99	3400	120.104	107.5		
31	73	13C8-PFOS-EIS	507.0 > 80	3.403e3		0.112	253.261	5.04	4.99	3400	120.104	107.5		
32	75	13C2-PFDA-EIS	515.1 > 469.9	9.849e3		0.112	863.274	5.33	5.28	9850	101.988	91.3		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		2.406e3	0.112		5.25						YES
35	29	L-MeFOSAA	570 > 419		8.930e3	0.112		5.43						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	8.930e3	0.112		5.17		0.000				

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-78.qld

Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.562e4	0.112		5.60						YES
38	34	PFDS	599.0 > 80.0		3.403e3	0.112		5.71						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2.406e3		0.112	200.576	5.31	5.25	2410	107.220	96.0		
40	79	d3-N-MeFOSAA-EIS	573. > 419	8.930e3		0.112	772.961	5.48	5.43	8930	103.268	92.4		
41	79	d3-N-MeFOSAA-EIS	573. > 419	8.930e3		0.112	772.961	5.48	5.43	8930	103.268	92.4		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.562e4		0.112	1406.602	5.65	5.60	15600	99.294	88.9		
43	73	13C8-PFOS-EIS	507.0 > 80	3.403e3		0.112	253.261	5.04	4.99	3400	120.104	107.5		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	9.977e0	7.053e3	0.112		5.58	5.59	0.0177	1.257		1.47	NO
46	1...	Total N-EtFOSAA	583.9 > 419	9.977e0	7.053e3	0.112		5.33		0.0177	1.257			
47	37	PFDoA	612.9 > 569.0		1.530e4	0.112		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.530e4	0.112		6.14						YES
49	41	PFTeDA	713.0 > 669.0		1.068e4	0.112		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	7.053e3		0.112	680.656	5.63	5.58	7050	92.625	82.9		
51	83	d5-N-EtFOSAA-EIS	589. > 419	7.053e3		0.112	680.656	5.63	5.58	7050	92.625	82.9		
52	85	13C2-PFDoA-EIS	615 > 570	1.530e4		0.112	1620.087	5.93	5.88	15300	84.446	75.6		
53	85	13C2-PFDoA-EIS	615 > 570	1.530e4		0.112	1620.087	5.93	5.88	15300	84.446	75.6		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	1.068e4		0.112	1080.991	6.37	6.32	10700	88.312	79.0		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		1.944e3	0.112		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		3.236e3	0.112		6.14						YES
58	43	PFHxDA	813.1 > 768.6	6.352e1	1.502e4	0.112		6.61	6.61	0.0529			13.0	NO
59	45	N-MeFOSE	616.1 > 58.9		4.744e3	0.112		6.32						
60	1...	TDCA	498.3>106.9			0.112		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.944e3		0.112	84.650	5.81	5.78	1940	205.242	15.4		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	3.236e3		0.112	120.333	6.18	6.16	3240	240.415	18.0		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.502e4		0.112	1527.484	6.65	6.61	15000	87.912	78.7		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	4.744e3		0.112	71.023	6.25	6.32	4740	597.073	44.8		
65	73	13C8-PFOS-EIS	507.0 > 80	3.403e3		0.112	253.261	5.04	4.99	3400	120.104	107.5		

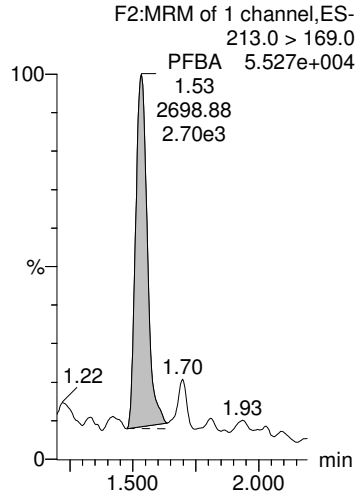
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-78.qld

Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 17:27:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

PFBA



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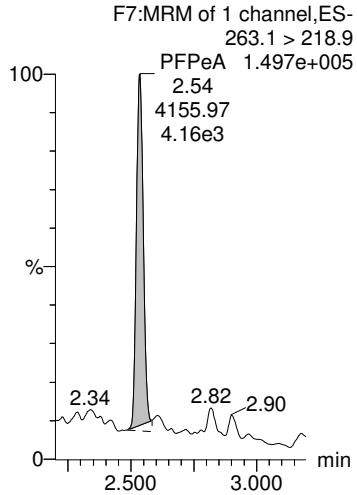

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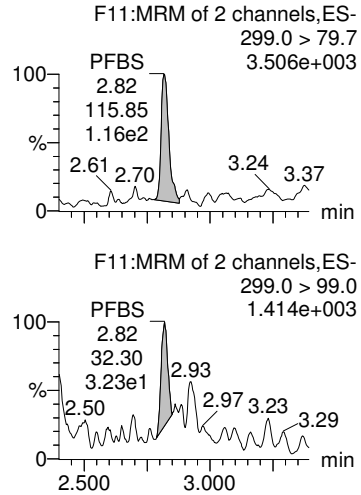

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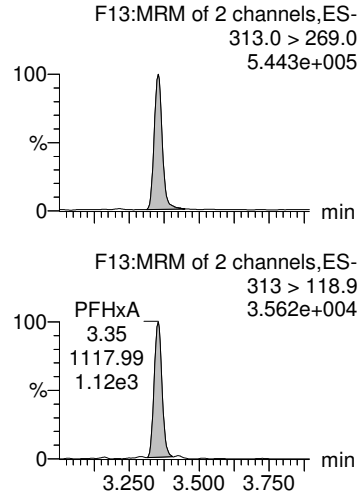

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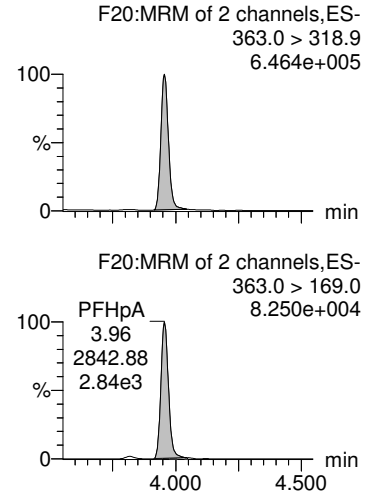
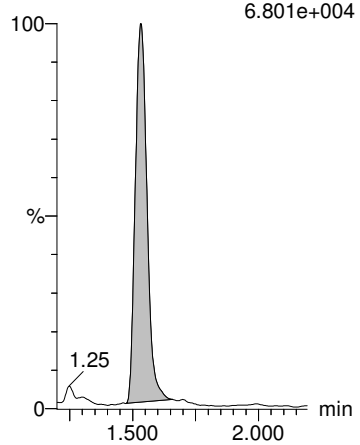


13C3-PFBA-EIS



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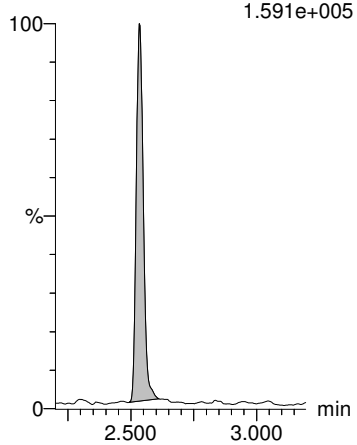

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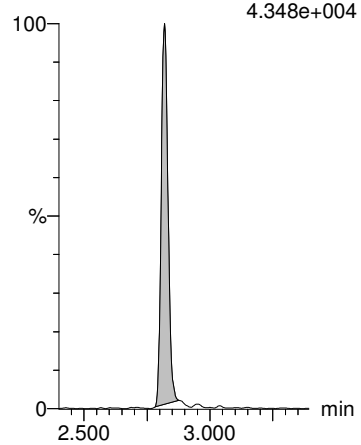

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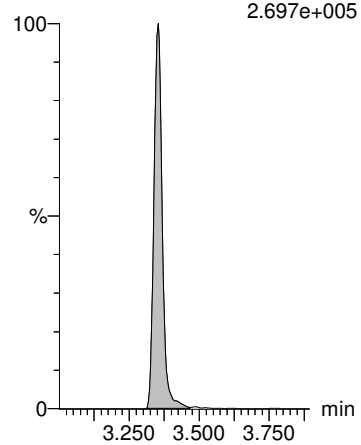
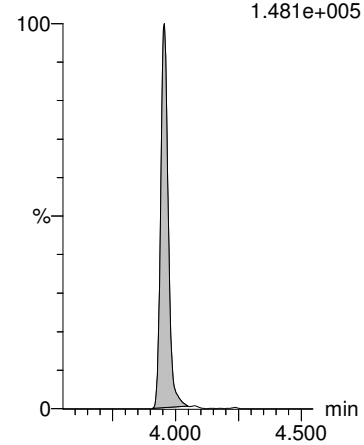


13C4-PFHpA-EIS



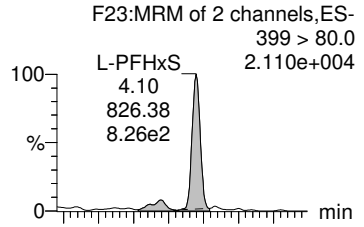
RK 7/2/2020

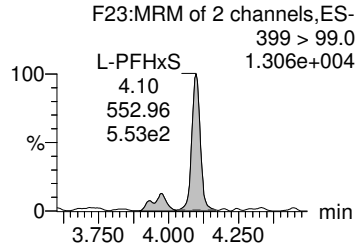
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-78.qld

Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

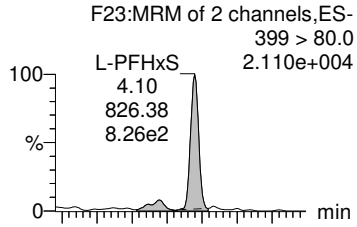
Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

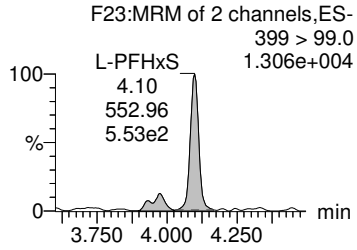
L-PFHxS



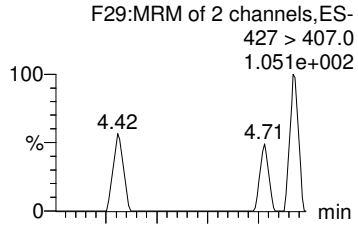


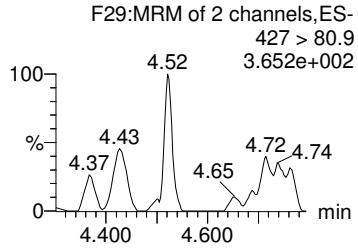
Total PFHxS



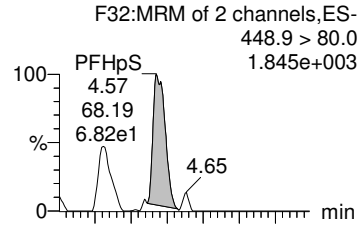


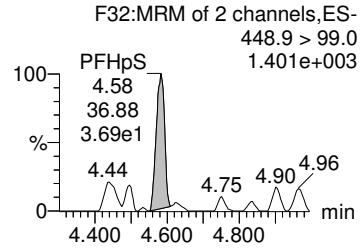
6:2 FTS



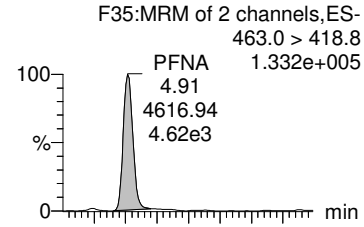


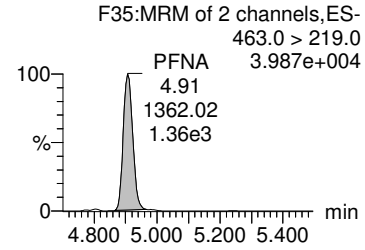
PFHpS



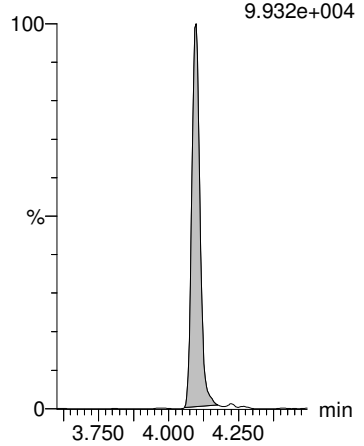


PFNA

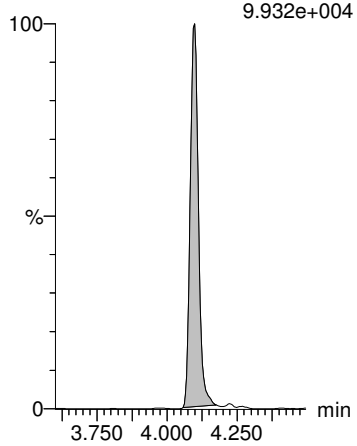




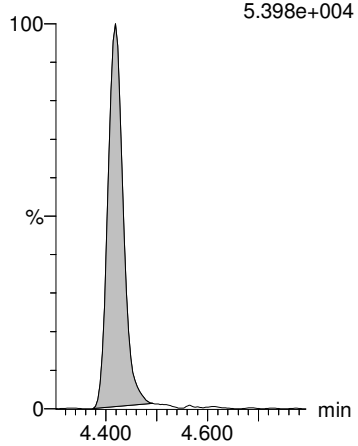
13C3-PFHxS-EIS



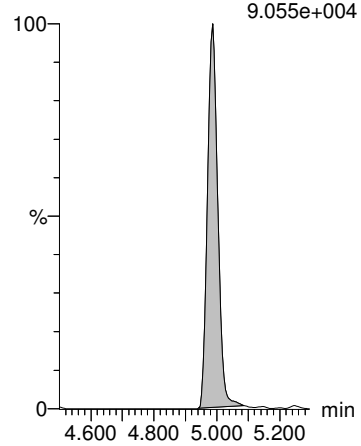
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C8-PFOS-EIS



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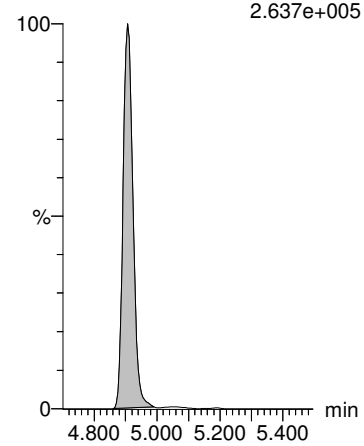

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Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

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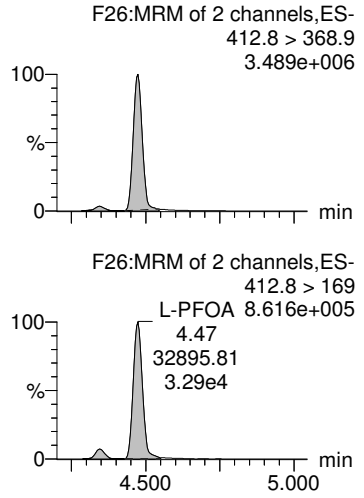

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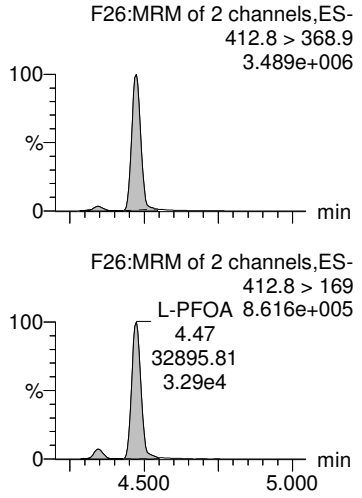
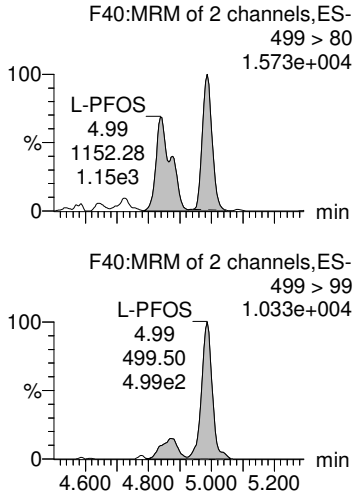
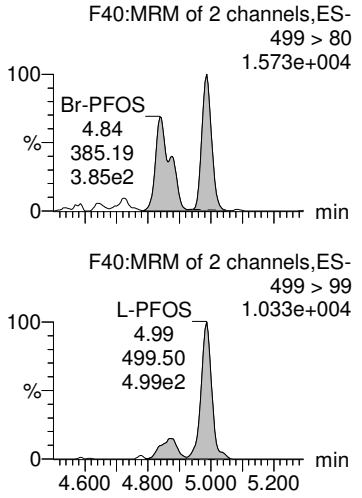


L-PFOS



Total PFOS



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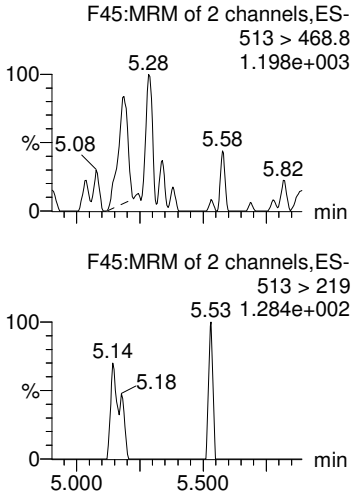
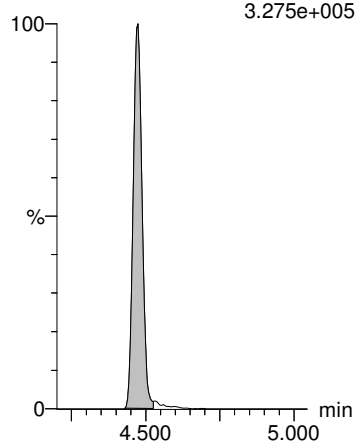


13C2-PFOA-EIS



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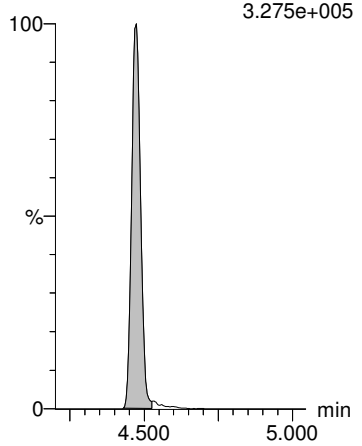

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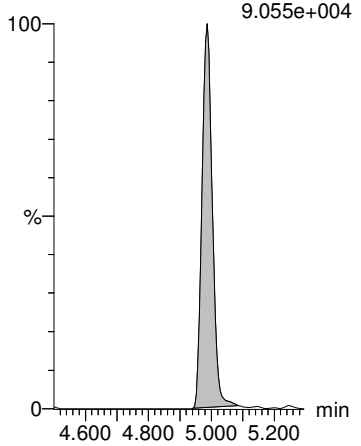

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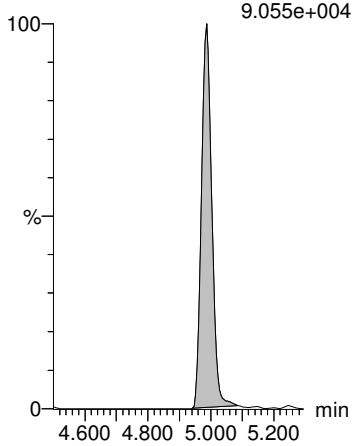

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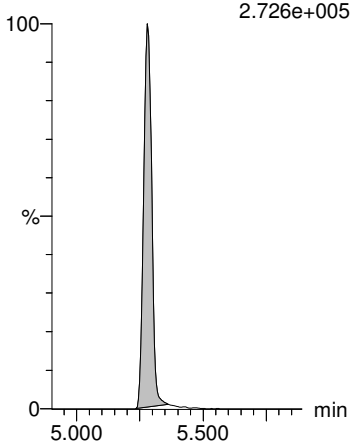


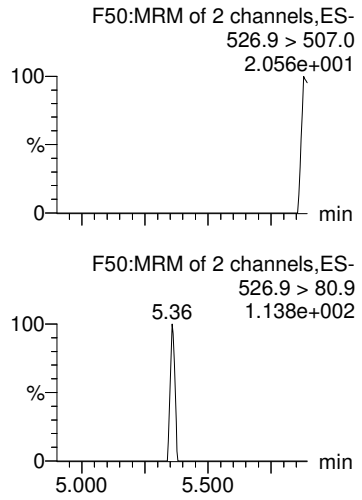
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-78.qld

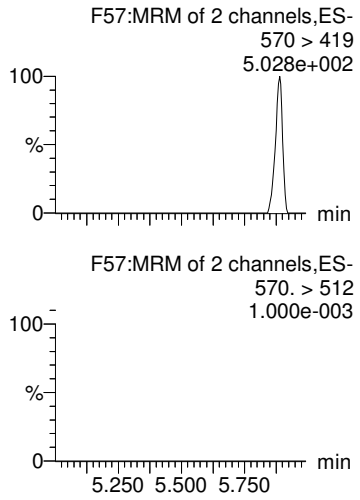
Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

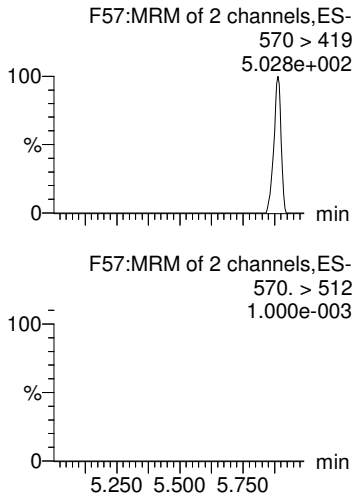
8:2 FTS



L-MeFOSAA



Total N-MeFOSAA



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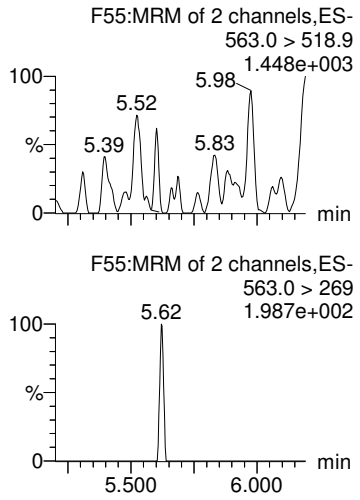

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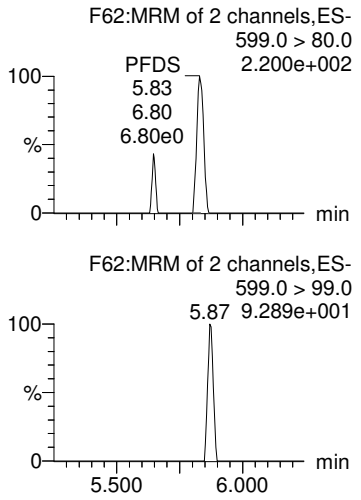
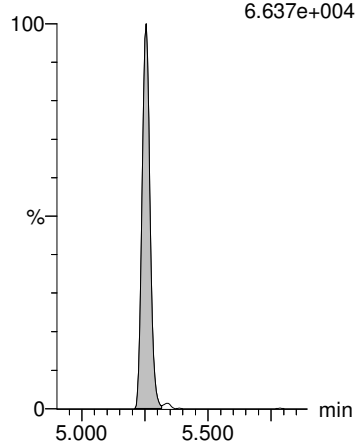
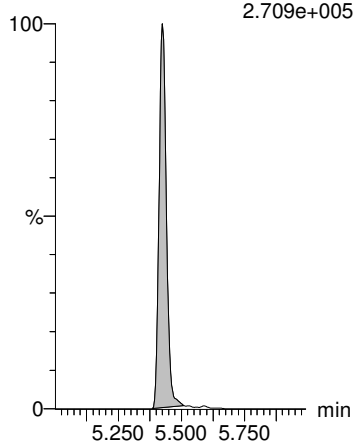


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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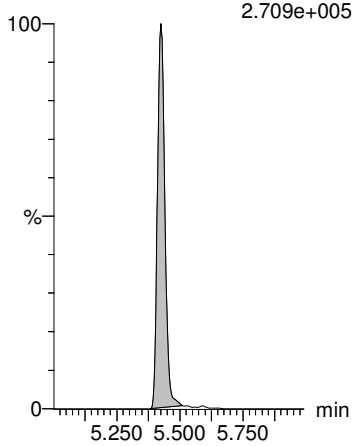

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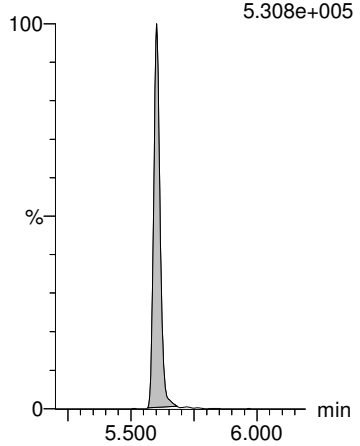

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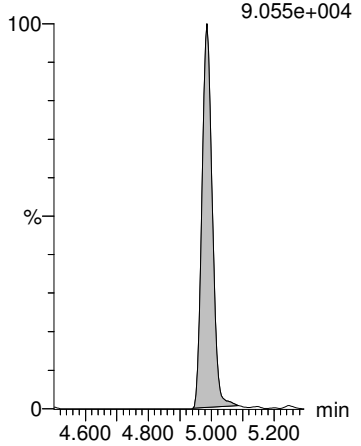
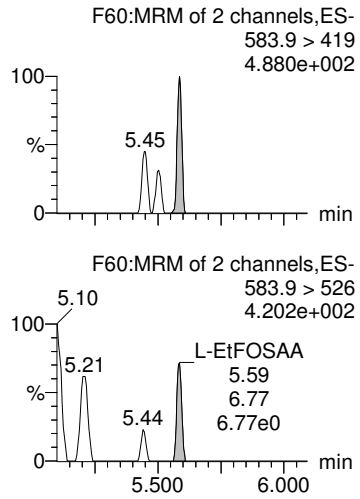


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-78.qld

Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

L-EtFOSAA



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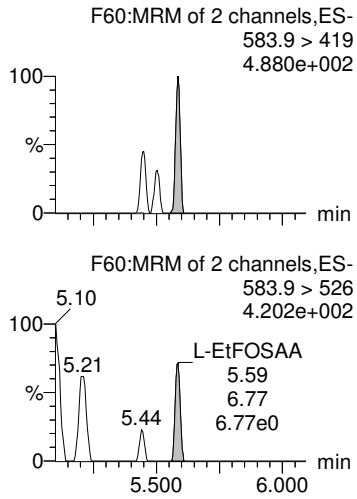

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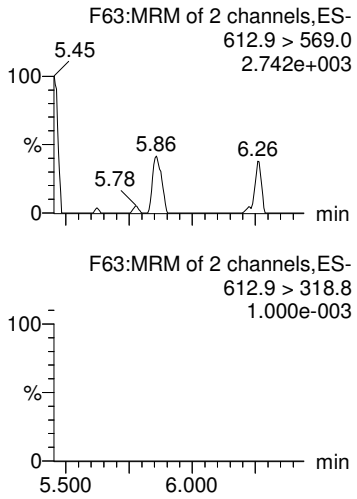

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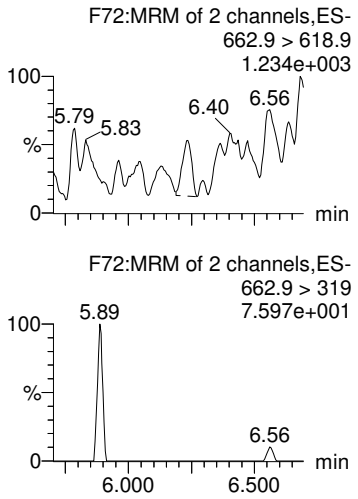

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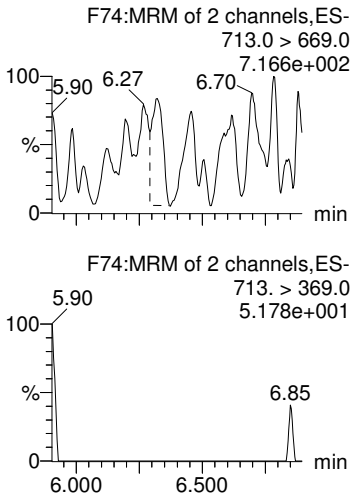
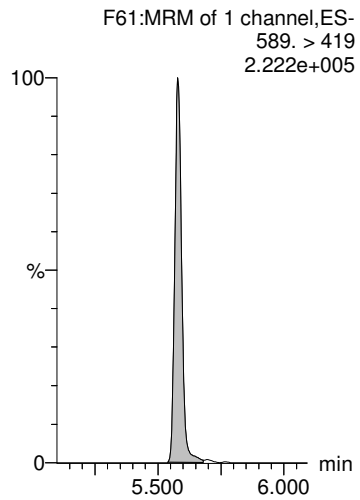


d5-N-EtFOSAA-EIS



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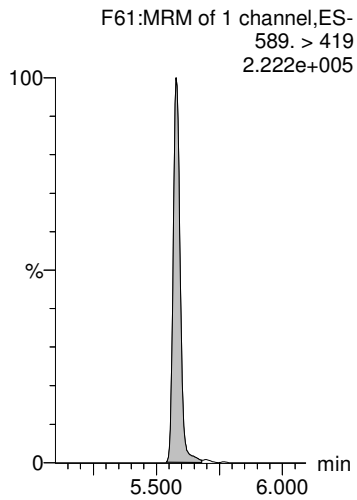

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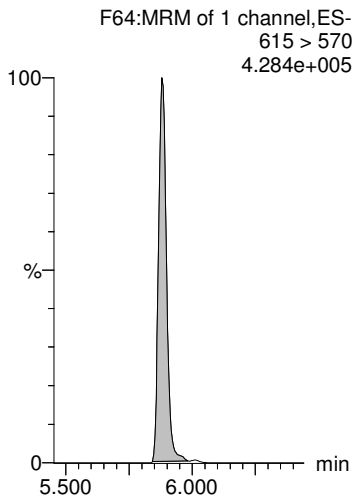

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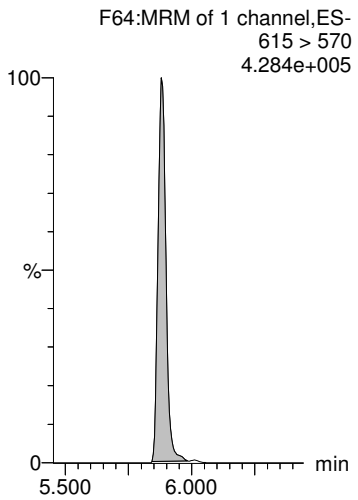

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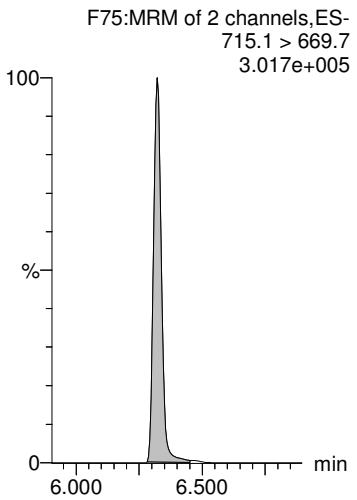

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-78.qld

Last Altered: Thursday, July 02, 2020 17:32:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:33:09 Pacific Daylight Time

Name: 200630M1_78, Date: 01-Jul-2020, Time: 04:42:49, ID: 2001271-02 GW-MW-4-DUP 0.11187, Description: GW-MW-4-DUP

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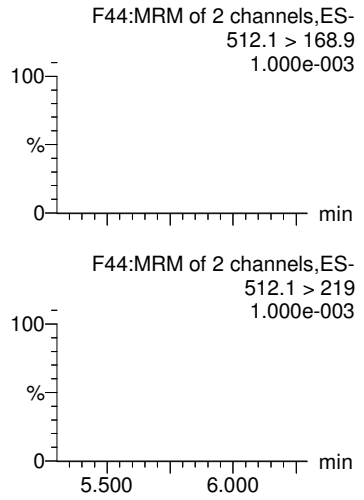

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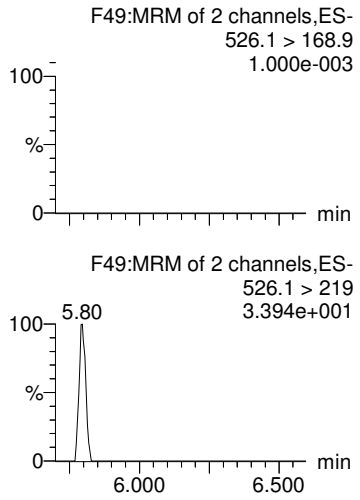
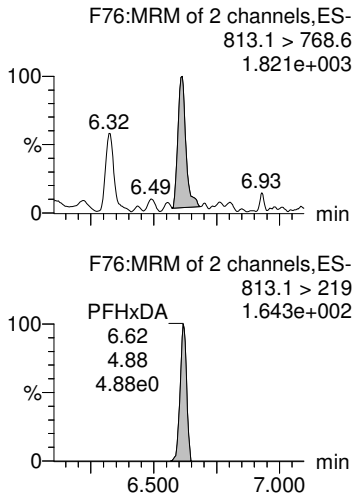
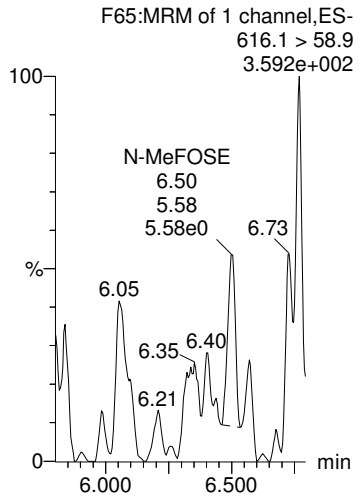


PFHxDA



N-MeFOSE



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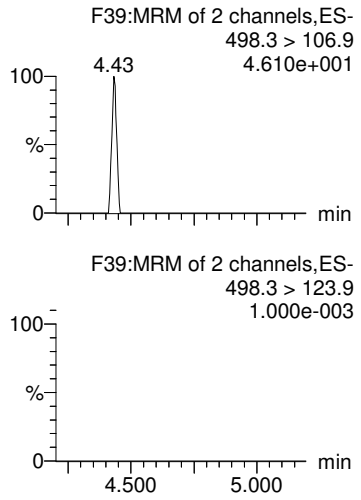
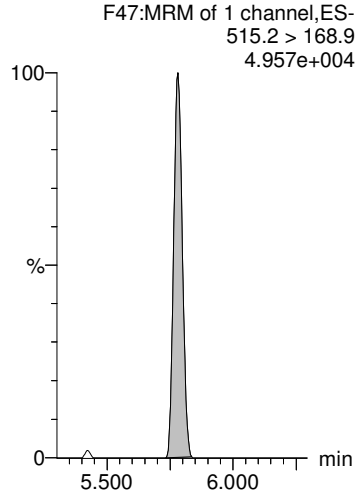
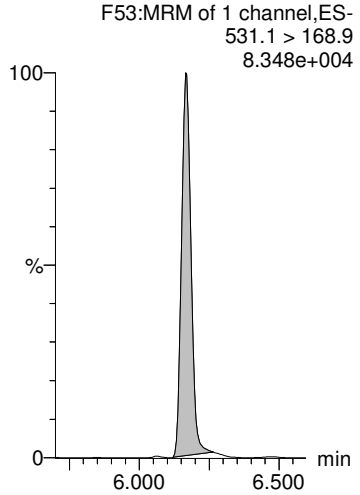


d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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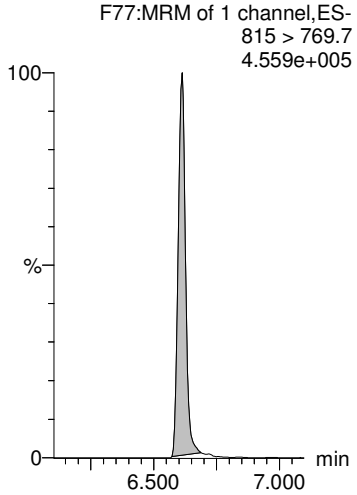

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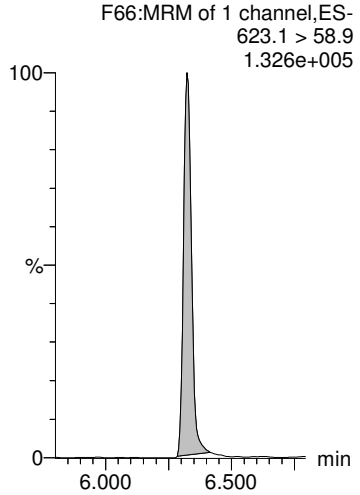
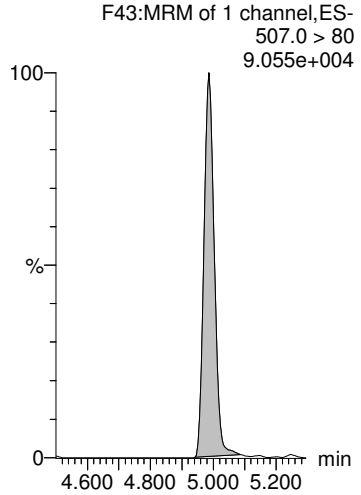


13C8-PFOS-EIS



RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-54.qld

Last Altered: Thursday, July 02, 2020 16:40:16 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:40:38 Pacific Daylight Time

Name: 200623P1-54, Date: 23-Jun-2020, Time: 20:12:22, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	7.457e1	3.729e3	0.113		4.48	4.49	0.250	3.108		39.707	NO
2	46	N-EtFOSE	630.1 > 58.9		1.573e4	0.113		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	3.729e3		0.113	461.908	4.57	4.48	3730	71.661	64.6		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.573e4		0.113	170.570	6.38	6.38	15700	818.269	61.8		
5	-1													

RK 7/2/2020

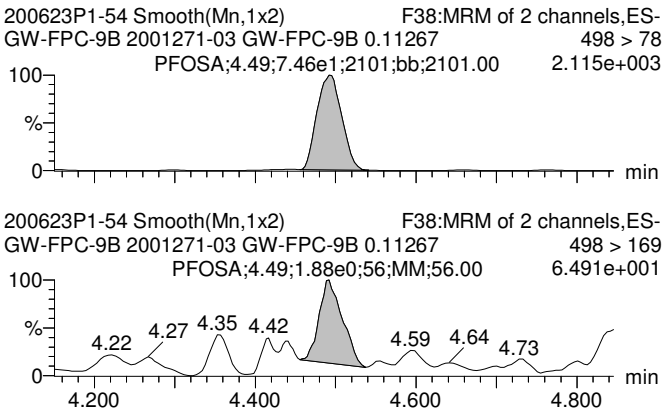
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-54.qld

Last Altered: Thursday, July 02, 2020 16:40:16 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:40:38 Pacific Daylight Time

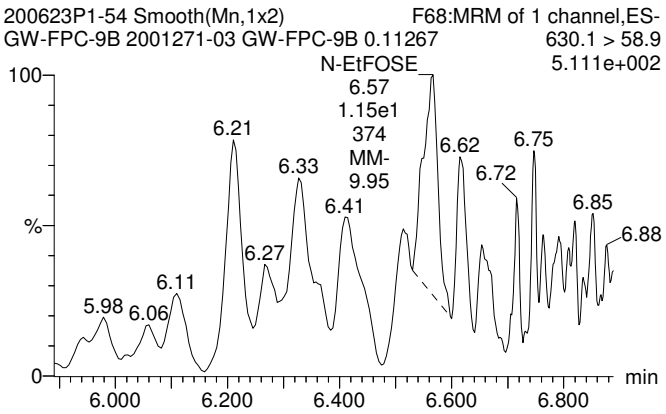
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:39:54
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-54, Date: 23-Jun-2020, Time: 20:12:22, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

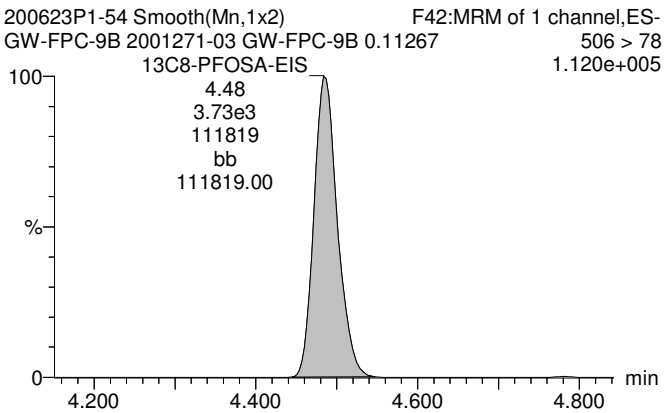
PFOSA



N-EtFOSE



13C8-PFOSA-EIS



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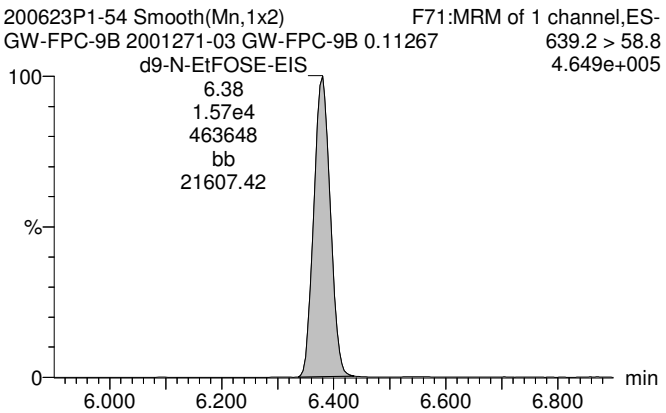

RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-79.qld

Last Altered: Thursday, July 02, 2020 17:49:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:50:10 Pacific Daylight Time

Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.839e2	4.240e3	0.113		1.54	1.54	0.542	3.003			
2	4	PFPeA	263.1 > 218.9	2.498e2	5.395e3	0.113		2.54	2.54	0.579	5.530			
3	5	PFBS	299.0 > 79.7	9.413e1	1.356e3	0.113		2.82	2.82	0.868	3.192		4.83	NO
4	7	PFHxA	313.0 > 269.0	1.309e3	9.225e3	0.113		3.35	3.36	1.77	13.754		21.8	NO
5	11	PFHpA	363.0 > 318.9	5.157e2	5.462e3	0.113		3.96	3.96	1.18	8.025		6.85	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.240e3		0.113	371.472	1.61	1.54	4240	101.306	91.3		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.395e3		0.113	440.123	2.61	2.54	5400	108.800	98.1		
8	51	13C3-PFBS-EIS	302.0 > 99	1.356e3		0.113	108.310	2.97	2.82	1360	111.086	100.1		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	9.225e3		0.113	775.415	3.41	3.35	9220	105.590	95.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.462e3		0.113	449.866	4.01	3.96	5460	107.754	97.1		
11	-1													
12	13	L-PFHxS	399 > 80.0	2.386e2	3.248e3	0.113		4.10	4.10	0.918	7.997		2.13	NO
13	1...	Total PFHxS	399 > 80	2.386e2	3.248e3	0.113		3.83		0.918	7.997			
14	15	6:2 FTS	427 > 407.0		1.945e3	0.113		4.42						YES
15	19	PFHpS	448.9 > 80.0	7.626e0	3.591e3	0.113		4.57	4.58	0.0265	0.672		6.54	NO
16	21	PFNA	463.0 > 418.8		9.581e3	0.113		4.91						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.248e3		0.113	253.746	4.16	4.10	3250	113.612	102.4		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.248e3		0.113	253.746	4.16	4.10	3250	113.612	102.4		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.945e3		0.113	112.797	4.48	4.42	1940	153.032	137.9		
20	73	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.113	253.261	5.04	4.99	3590	125.851	113.4		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.581e3		0.113	780.691	4.96	4.91	9580	108.923	98.2		
22	-1													
23	16	L-PFOA	412.8 > 368.9	6.496e3	1.178e4	0.113		4.47	4.47	6.89	39.180		3.80	NO
24	1...	Total PFOA	412.8 > 368.9	6.496e3	1.178e4	0.113		4.20		6.89	39.180			
25	23	L-PFOS	499 > 80	1.355e2	3.591e3	0.113		4.99	4.86	0.472	5.036		2.11	NO
26	1...	Total PFOS	499 > 80	1.355e2	3.591e3	0.113		4.73		0.472	5.036			
27	26	PFDA	513 > 468.8		1.021e4	0.113		5.28						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.178e4		0.113	1032.548	4.53	4.47	11800	101.263	91.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.178e4		0.113	1032.548	4.53	4.47	11800	101.263	91.3		
30	73	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.113	253.261	5.04	4.99	3590	125.851	113.4		
31	73	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.113	253.261	5.04	4.99	3590	125.851	113.4		
32	75	13C2-PFDA-EIS	515.1 > 469.9	1.021e4		0.113	863.274	5.33	5.28	10200	104.958	94.6		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		2.181e3	0.113		5.25						YES
35	29	L-MeFOSAA	570 > 419		9.059e3	0.113		5.43						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	9.059e3	0.113		5.17		0.000				

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Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-79.qld

Last Altered: Thursday, July 02, 2020 17:49:39 Pacific Daylight Time
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Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.705e4	0.113		5.60						YES
38	34	PFDS	599.0 > 80.0		3.591e3	0.113		5.71						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2.181e3		0.113	200.576	5.31	5.25	2180	96.492	87.0		
40	79	d3-N-MeFOSAA-EIS	573. > 419	9.059e3		0.113	772.961	5.48	5.43	9060	104.025	93.8		
41	79	d3-N-MeFOSAA-EIS	573. > 419	9.059e3		0.113	772.961	5.48	5.43	9060	104.025	93.8		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.705e4		0.113	1406.602	5.65	5.60	17100	107.611	97.0		
43	73	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.113	253.261	5.04	4.99	3590	125.851	113.4		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	7.208e0	7.574e3	0.113		5.58	5.59	0.0119	1.201		1.00	NO
46	1...	Total N-EtFOSAA	583.9 > 419	7.208e0	7.574e3	0.113		5.33		0.0119	1.201			
47	37	PFDoA	612.9 > 569.0		1.705e4	0.113		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.705e4	0.113		6.14						YES
49	41	PFTeDA	713.0 > 669.0		1.061e4	0.113		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	7.574e3		0.113	680.656	5.63	5.58	7570	98.764	89.0		
51	83	d5-N-EtFOSAA-EIS	589. > 419	7.574e3		0.113	680.656	5.63	5.58	7570	98.764	89.0		
52	85	13C2-PFDoA-EIS	615 > 570	1.705e4		0.113	1620.087	5.93	5.88	17100	93.416	84.2		
53	85	13C2-PFDoA-EIS	615 > 570	1.705e4		0.113	1620.087	5.93	5.88	17100	93.416	84.2		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	1.061e4		0.113	1080.991	6.37	6.32	10600	87.140	78.5		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		2.909e3	0.113		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		4.568e3	0.113		6.14						YES
58	43	PFHxDA	813.1 > 768.6		1.625e4	0.113		6.61						YES
59	45	N-MeFOSE	616.1 > 58.9		6.630e3	0.113		6.32						
60	1...	TDCA	498.3>106.9			0.113		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	2.909e3		0.113	84.650	5.81	5.78	2910	305.010	23.0		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	4.568e3		0.113	120.333	6.18	6.16	4570	336.900	25.4		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.625e4		0.113	1527.484	6.65	6.61	16300	94.432	85.1		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	6.630e3		0.113	71.023	6.25	6.32	6630	828.475	62.6		
65	73	13C8-PFOS-EIS	507.0 > 80	3.591e3		0.113	253.261	5.04	4.99	3590	125.851	113.4		

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-79.qld

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Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

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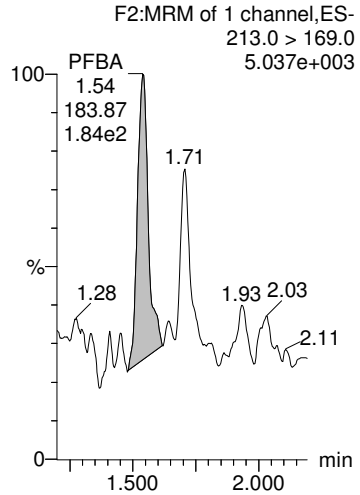

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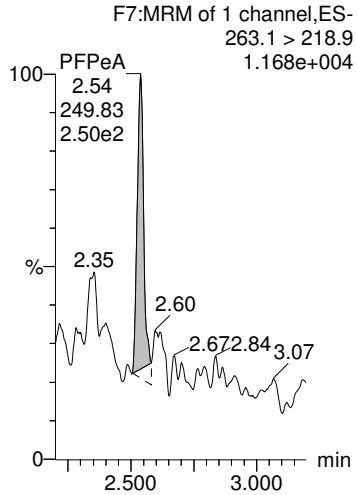

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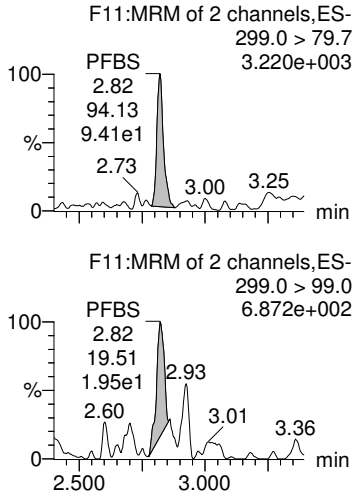

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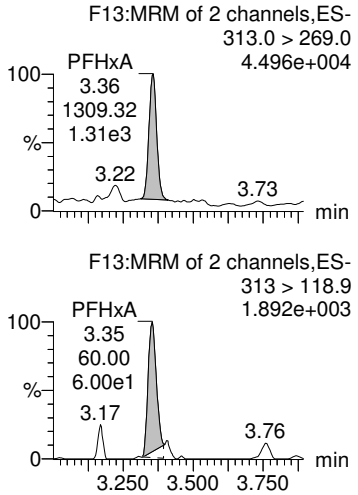

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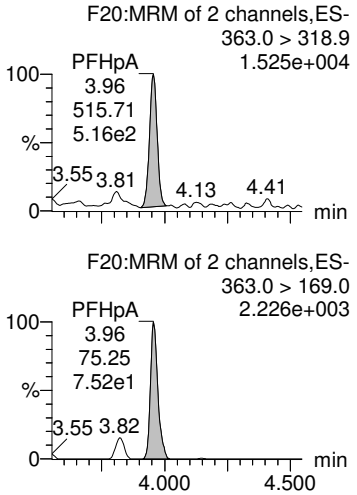

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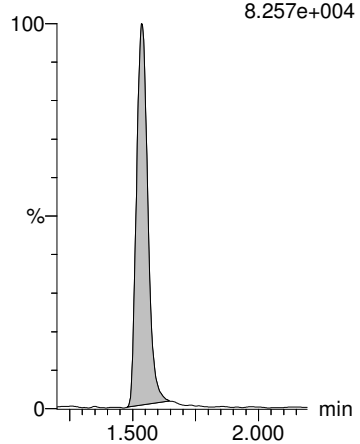

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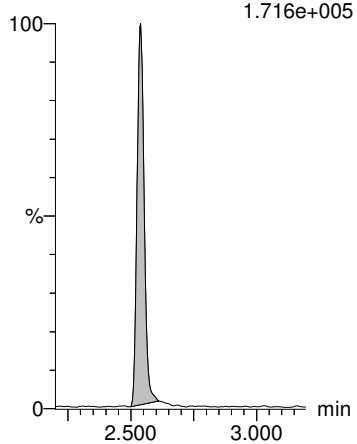

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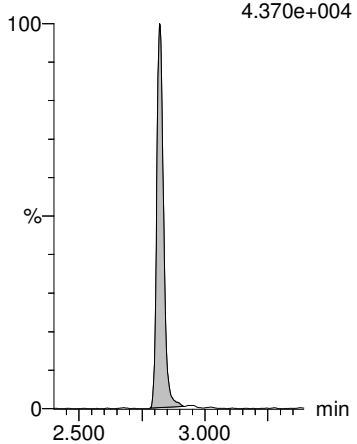

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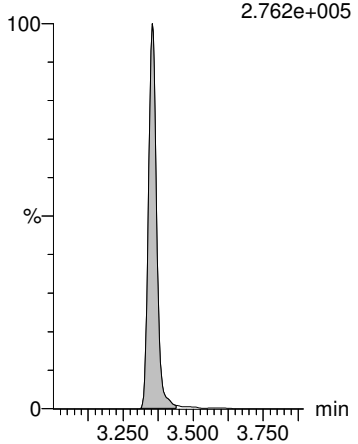

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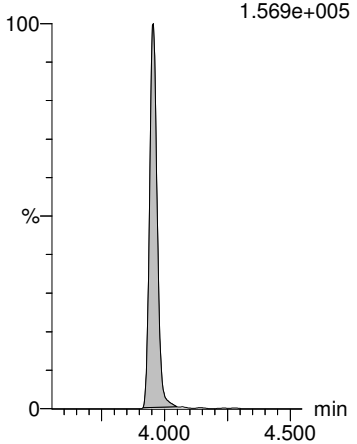

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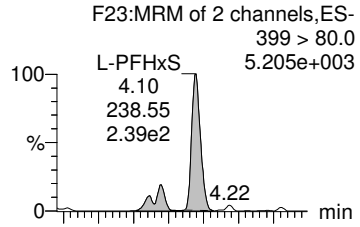
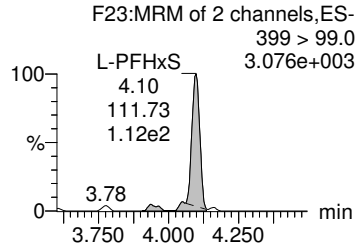
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-79.qld

Last Altered: Thursday, July 02, 2020 17:49:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:50:10 Pacific Daylight Time

Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

L-PFHxS





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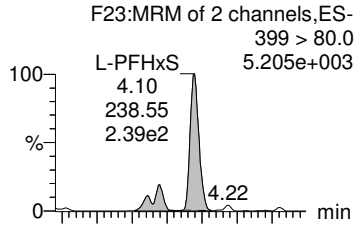
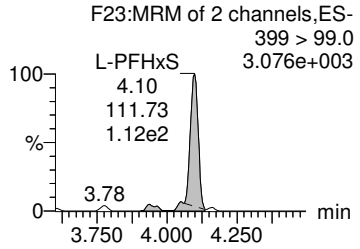
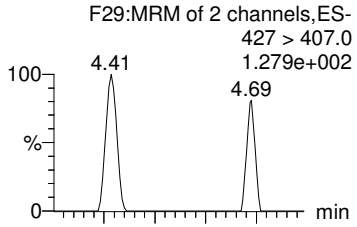
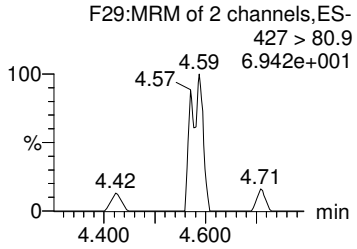




6:2 FTS





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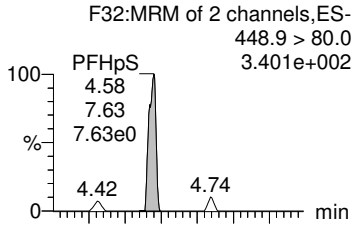

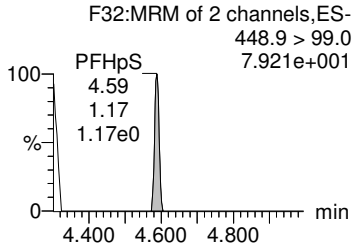

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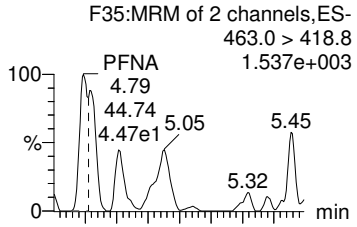

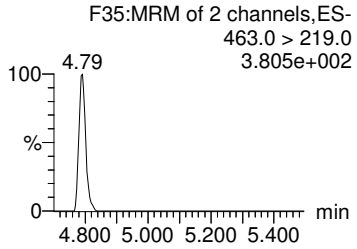

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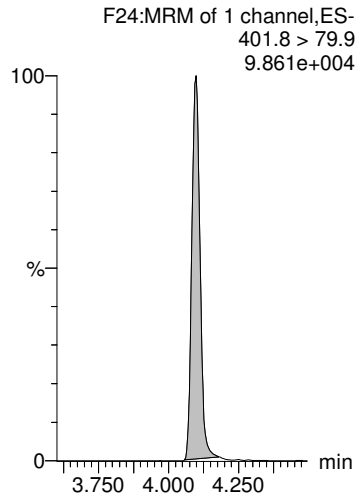

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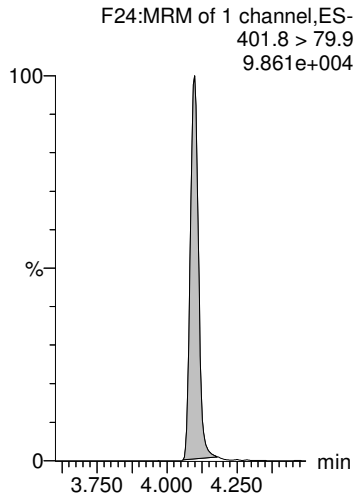

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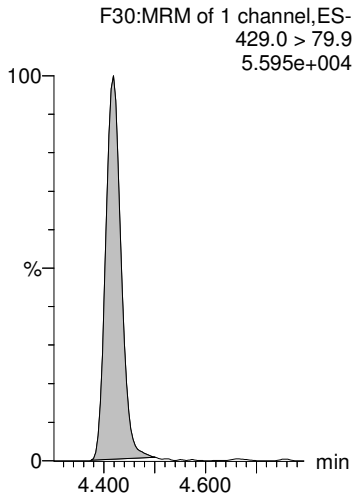

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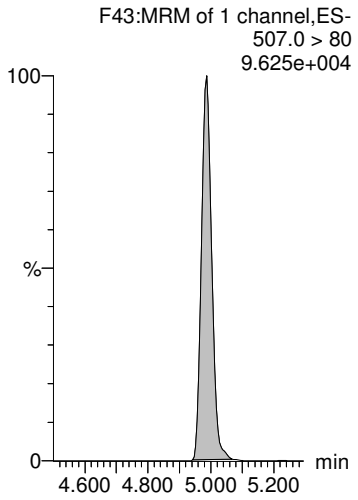

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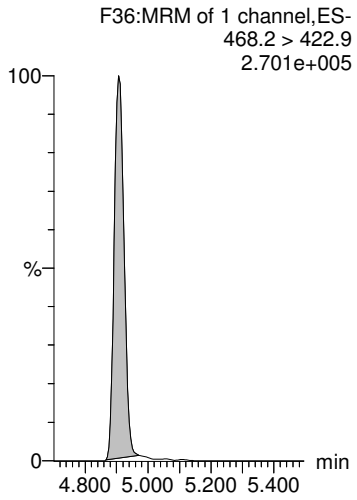

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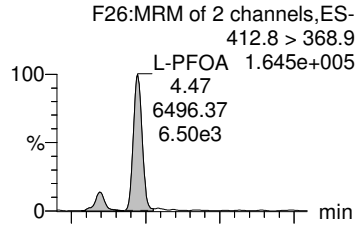
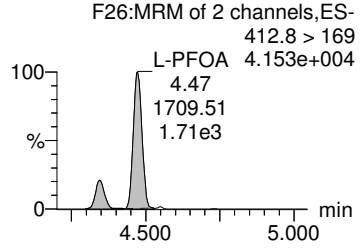
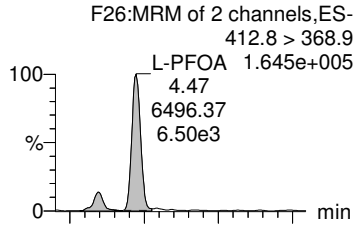
Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

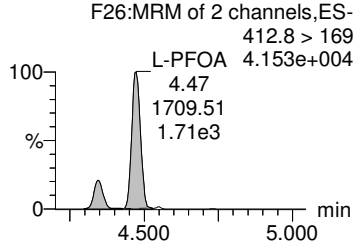
L-PFOA



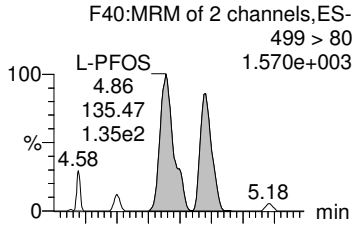


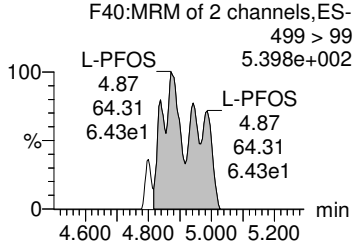
Total PFOA





L-PFOS





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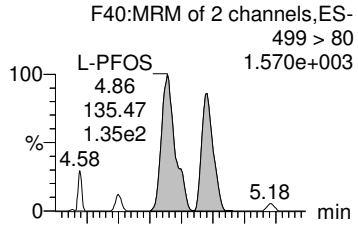

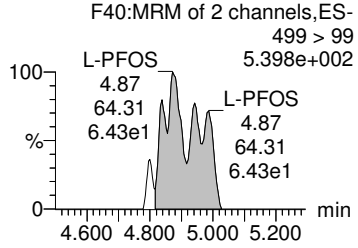

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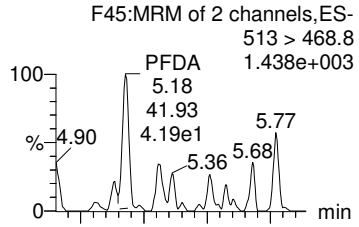
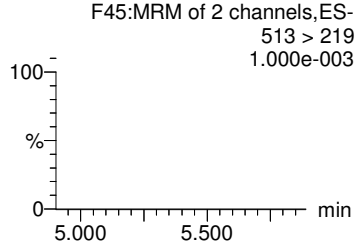
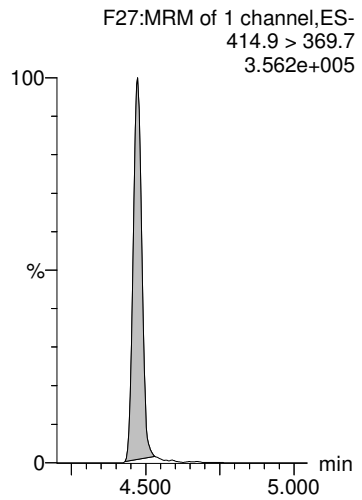




13C2-PFOA-EIS



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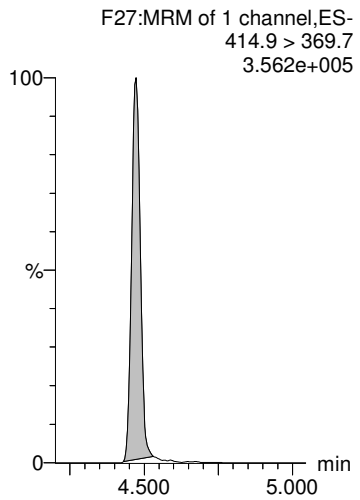

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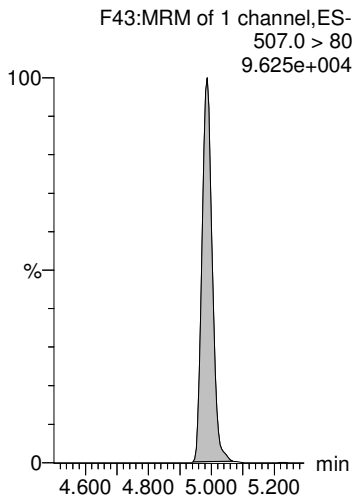

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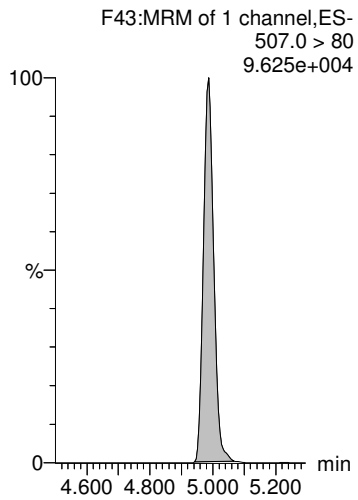

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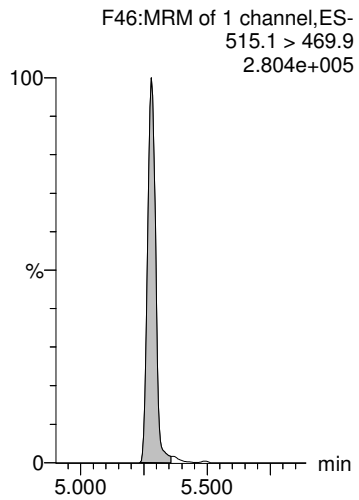


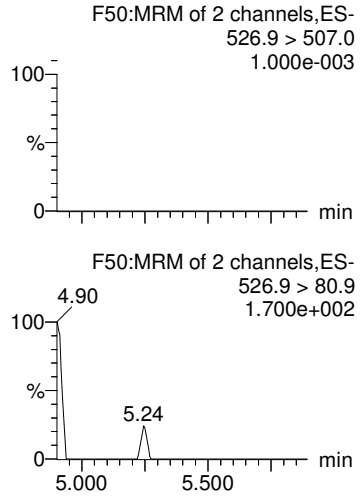
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-79.qld

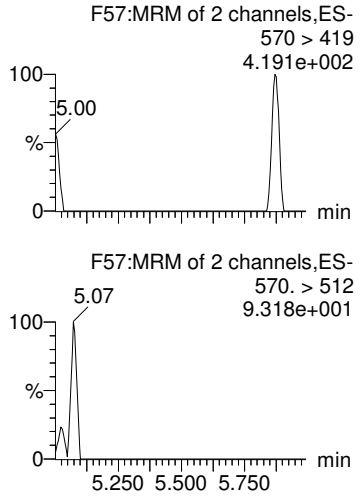
Last Altered: Thursday, July 02, 2020 17:49:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:50:10 Pacific Daylight Time

Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

8:2 FTS



L-MeFOSAA



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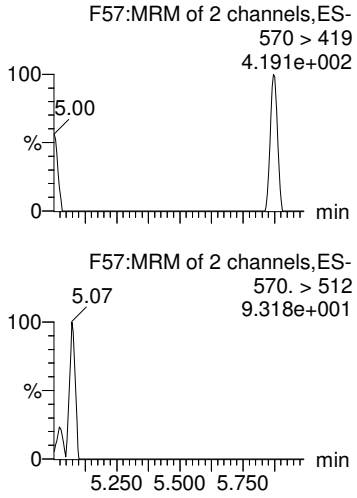

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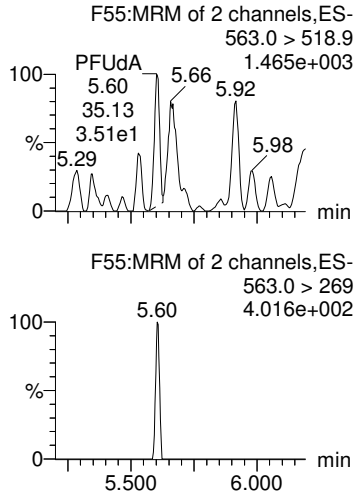

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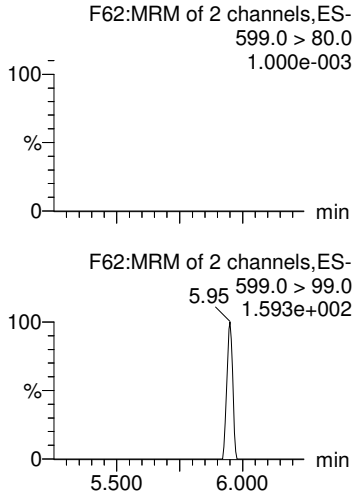
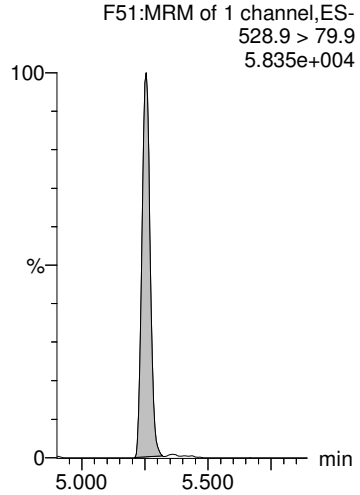
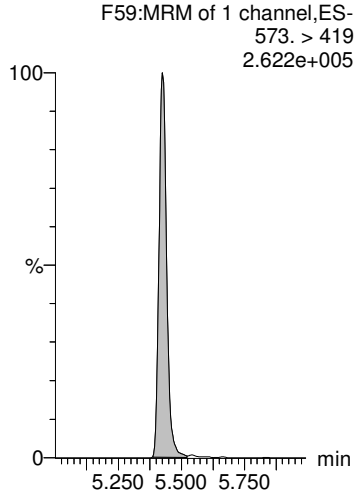


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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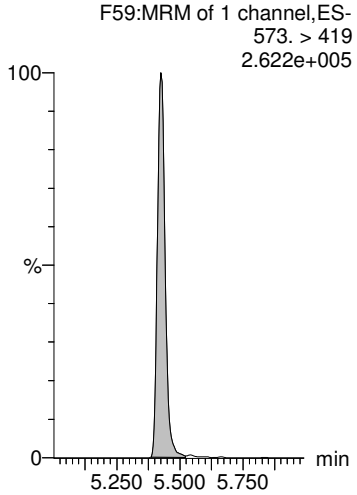

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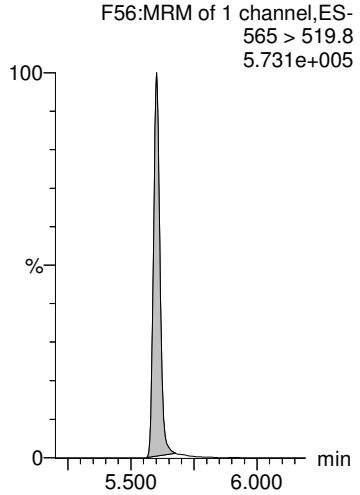

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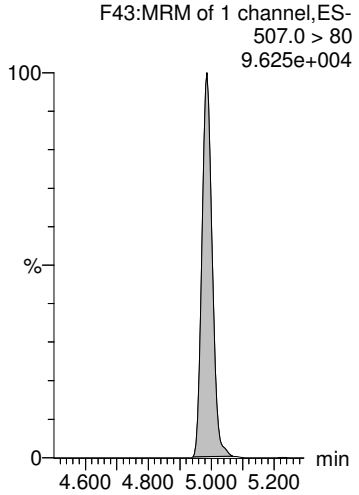
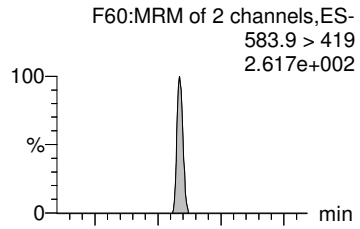


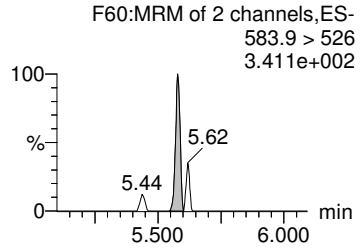
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-79.qld

Last Altered: Thursday, July 02, 2020 17:49:39 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:50:10 Pacific Daylight Time

Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

L-EtFOSAA





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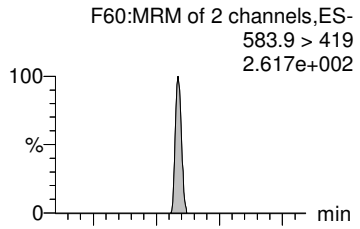
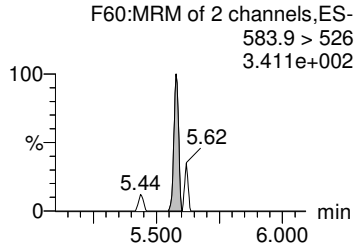
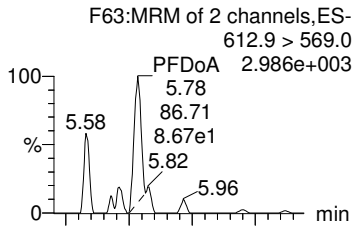
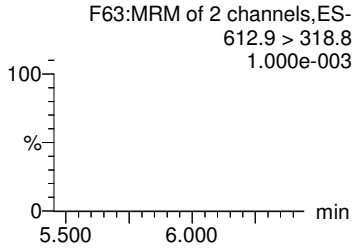




PFDoA





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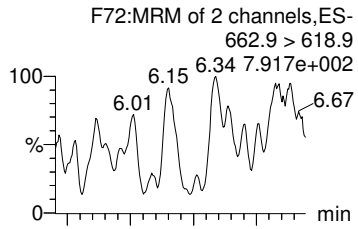

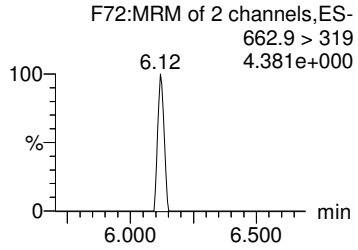

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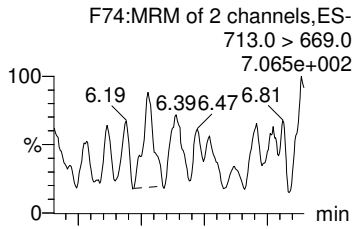
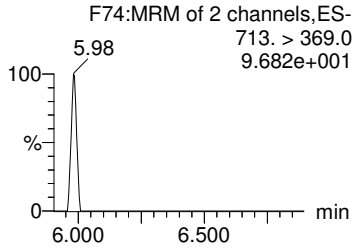
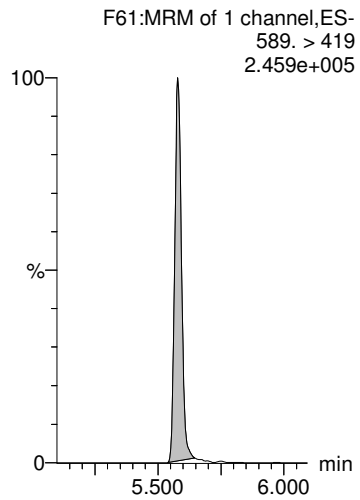




d5-N-EtFOSAA-EIS



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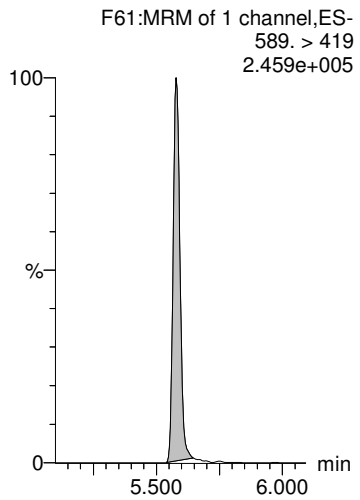
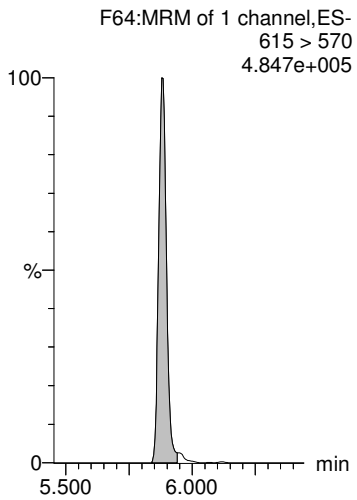


13C2-PFDoA-EIS



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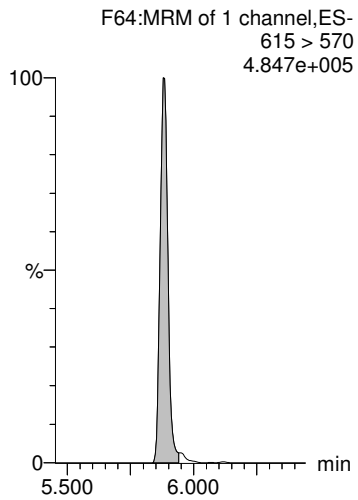

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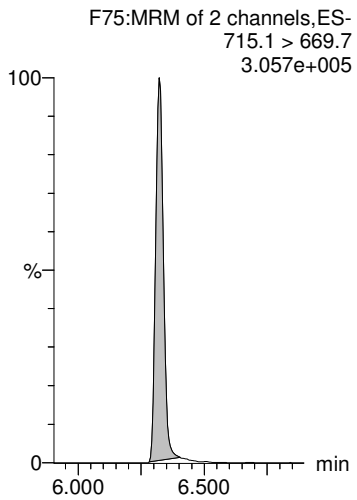

RK 7/2/2020

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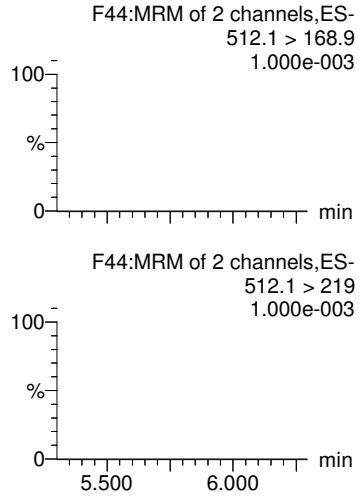
Printed: Thursday, July 02, 2020 17:50:10 Pacific Daylight Time

Name: 200630M1_79, Date: 01-Jul-2020, Time: 04:53:11, ID: 2001271-03 GW-FPC-9B 0.11267, Description: GW-FPC-9B

N-MeFOSA



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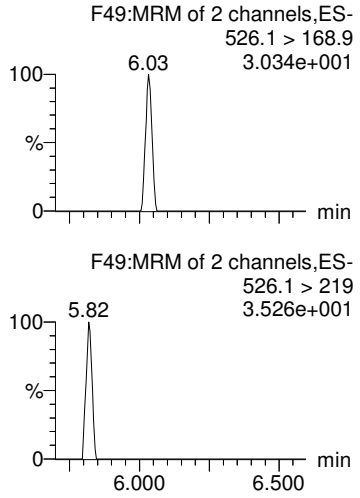

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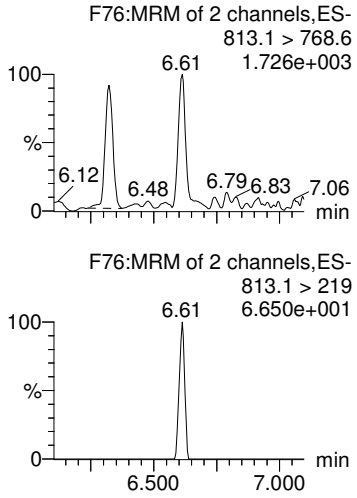

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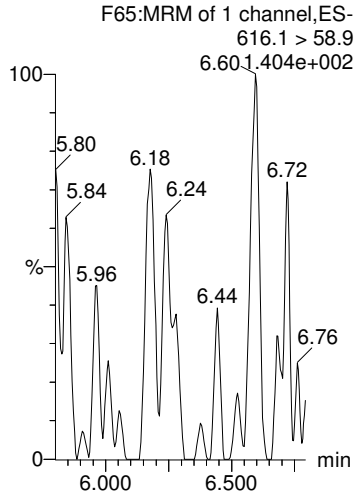
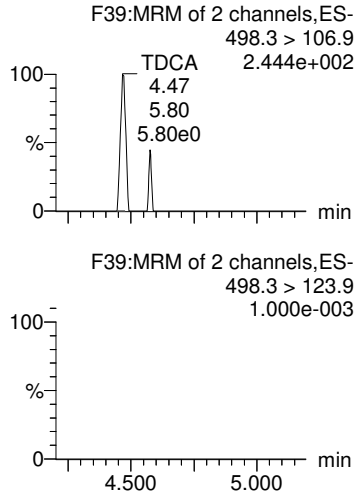
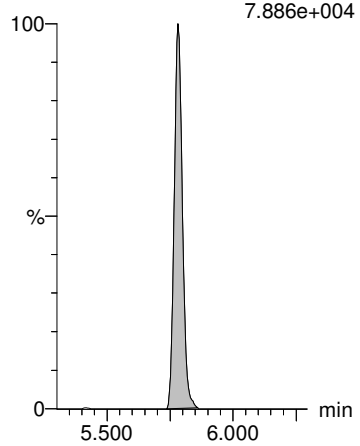


TDCA



d3-N-MeFOSA-EIS



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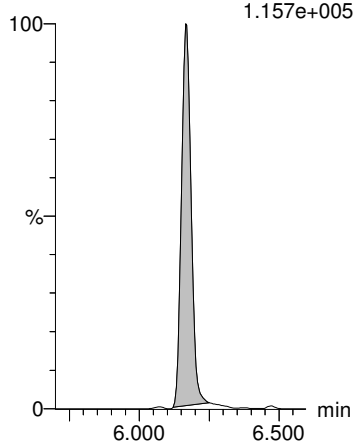

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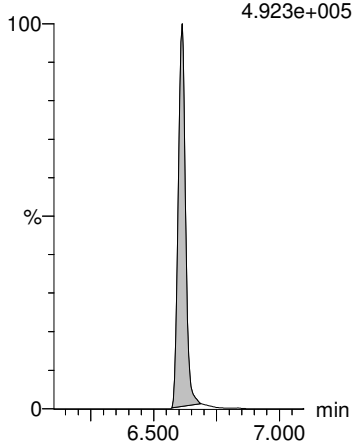
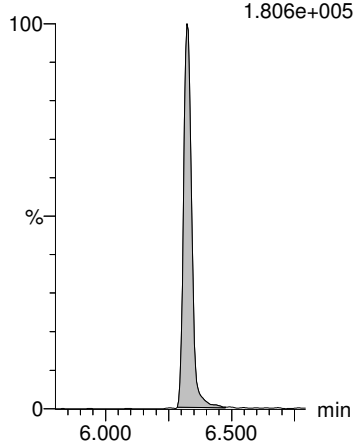


d7-N-MeFOSE-EIS



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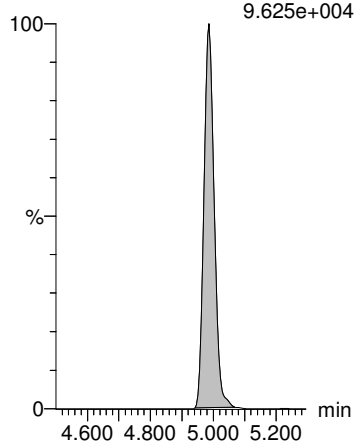


Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-58.qld

Last Altered: Thursday, July 02, 2020 16:41:55 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:42:29 Pacific Daylight Time

Name: 200623P1-58, Date: 23-Jun-2020, Time: 20:54:22, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78		3.677e3	0.112		4.48						YES
2	46	N-EtFOSE	630.1 > 58.9		1.017e4	0.112		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	3.677e3		0.112	461.908	4.57	4.48	3680	71.320	63.7		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.017e4		0.112	170.570	6.38	6.38	10200	534.461	40.0		
5	-1													

RK 7/2/2020

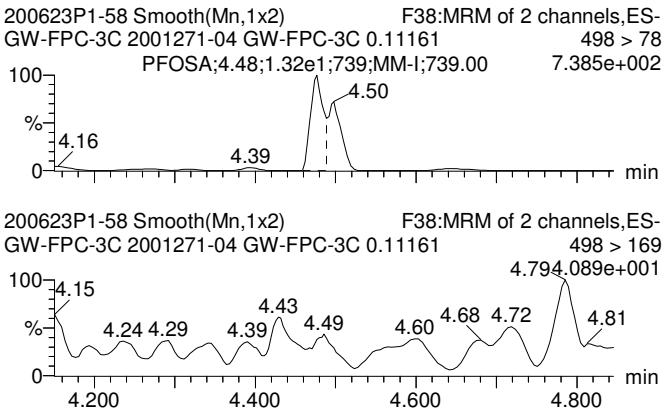
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-58.qld

Last Altered: Thursday, July 02, 2020 16:41:55 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:42:29 Pacific Daylight Time

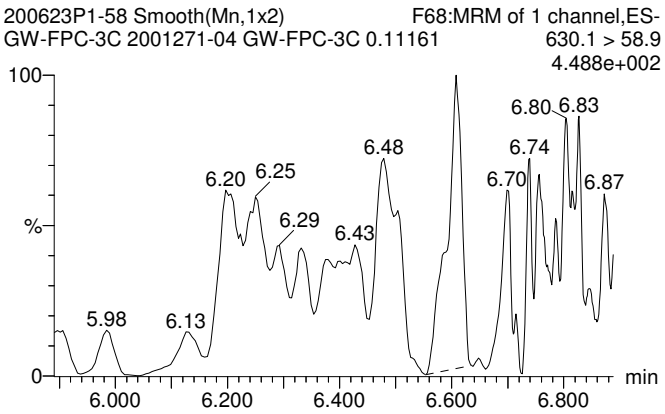
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:41:32
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-58, Date: 23-Jun-2020, Time: 20:54:22, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

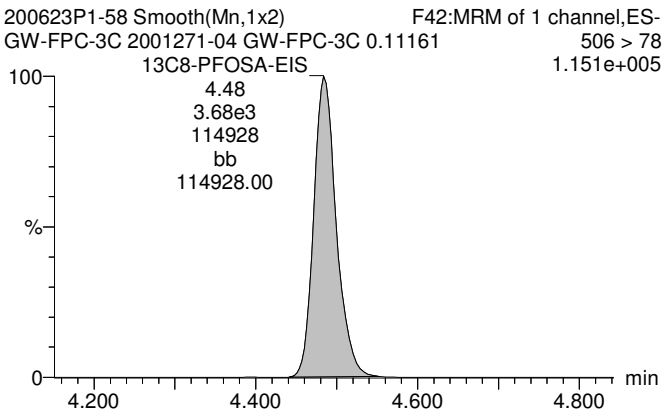
PFOSA



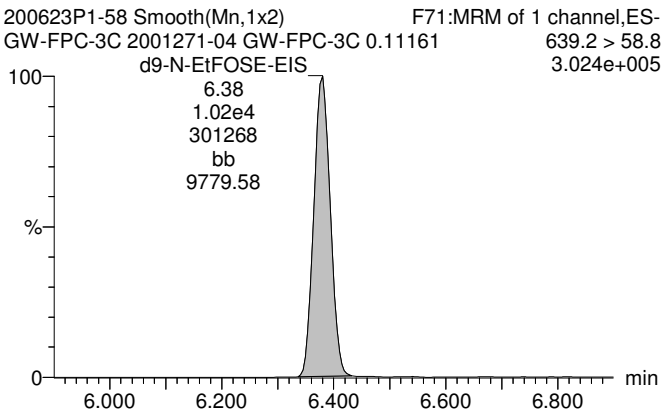
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		3.685e3	0.112		1.54						
2	4	PFPeA	263.1 > 218.9	2.499e1	4.638e3	0.112		2.54	2.54	0.0674	0.732			
3	5	PFBS	299.0 > 79.7	1.747e1	1.183e3	0.112		2.82	2.82	0.185	0.137		6.48	NO
4	7	PFHxA	313.0 > 269.0		8.371e3	0.112		3.35						YES
5	11	PFHpA	363.0 > 318.9		4.733e3	0.112		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.685e3		0.112	371.472	1.61	1.54	3690	88.885	79.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.638e3		0.112	440.123	2.61	2.54	4640	94.417	84.3		
8	51	13C3-PFBS-EIS	302.0 > 99	1.183e3		0.112	108.310	2.97	2.82	1180	97.830	87.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.371e3		0.112	775.415	3.41	3.35	8370	96.720	86.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.733e3		0.112	449.866	4.01	3.96	4730	94.257	84.2		
11	-1													
12	13	L-PFHxS	399 > 80.0	3.393e1	2.928e3	0.112		4.10	4.10	0.145	1.552		1.61	NO
13	1...	Total PFHxS	399 > 80	3.393e1	2.928e3	0.112		3.83		0.145	1.552			
14	15	6:2 FTS	427 > 407.0		1.663e3	0.112		4.42						YES
15	19	PFHpS	448.9 > 80.0		2.981e3	0.112		4.57						YES
16	21	PFNA	463.0 > 418.8		8.517e3	0.112		4.91						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.928e3		0.112	253.746	4.16	4.10	2930	103.382	92.3		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.928e3		0.112	253.746	4.16	4.10	2930	103.382	92.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.663e3		0.112	112.797	4.48	4.42	1660	132.131	118.0		
20	73	13C8-PFOS-EIS	507.0 > 80	2.981e3		0.112	253.261	5.04	4.99	2980	105.443	94.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.517e3		0.112	780.691	4.96	4.91	8520	97.746	87.3		
22	-1													
23	16	L-PFOA	412.8 > 368.9	4.557e2	1.079e4	0.112		4.47	4.47	0.528	2.645		4.47	NO
24	1...	Total PFOA	412.8 > 368.9	4.557e2	1.079e4	0.112		4.20		0.528	2.645			
25	23	L-PFOS	499 > 80		2.981e3	0.112		4.99						YES
26	1...	Total PFOS	499 > 80	0.000e0	2.981e3	0.112		4.73		0.000				
27	26	PFDA	513 > 468.8		9.203e3	0.112		5.28						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.079e4		0.112	1032.548	4.53	4.47	10800	93.604	83.6		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.079e4		0.112	1032.548	4.53	4.47	10800	93.604	83.6		
30	73	13C8-PFOS-EIS	507.0 > 80	2.981e3		0.112	253.261	5.04	4.99	2980	105.443	94.1		
31	73	13C8-PFOS-EIS	507.0 > 80	2.981e3		0.112	253.261	5.04	4.99	2980	105.443	94.1		
32	75	13C2-PFDA-EIS	515.1 > 469.9	9.203e3		0.112	863.274	5.33	5.28	9200	95.512	85.3		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		2.144e3	0.112		5.25						YES
35	29	L-MeFOSAA	570 > 419		7.420e3	0.112		5.43						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.420e3	0.112		5.17		0.000				

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.316e4	0.112		5.60						YES
38	34	PFDS	599.0 > 80.0		2.981e3	0.112		5.71						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2.144e3		0.112	200.576	5.31	5.25	2140	95.767	85.5		
40	79	d3-N-MeFOSAA-EIS	573. > 419	7.420e3		0.112	772.961	5.48	5.43	7420	86.005	76.8		
41	79	d3-N-MeFOSAA-EIS	573. > 419	7.420e3		0.112	772.961	5.48	5.43	7420	86.005	76.8		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.316e4		0.112	1406.602	5.65	5.60	13200	83.819	74.8		
43	73	13C8-PFOS-EIS	507.0 > 80	2.981e3		0.112	253.261	5.04	4.99	2980	105.443	94.1		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.418e3	0.112		5.58						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.418e3	0.112		5.33		0.000				
47	37	PFDoA	612.9 > 569.0		1.358e4	0.112		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.358e4	0.112		6.14						YES
49	41	PFTeDA	713.0 > 669.0		9.030e3	0.112		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	6.418e3		0.112	680.656	5.63	5.58	6420	84.481	75.4		
51	83	d5-N-EtFOSAA-EIS	589. > 419	6.418e3		0.112	680.656	5.63	5.58	6420	84.481	75.4		
52	85	13C2-PFDoA-EIS	615 > 570	1.358e4		0.112	1620.087	5.93	5.88	13600	75.111	67.1		
53	85	13C2-PFDoA-EIS	615 > 570	1.358e4		0.112	1620.087	5.93	5.88	13600	75.111	67.1		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	9.030e3		0.112	1080.991	6.37	6.32	9030	74.846	66.8		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		1.650e3	0.112		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		2.172e3	0.112		6.14						YES
58	43	PFHxDA	813.1 > 768.6		1.233e4	0.112		6.61						YES
59	45	N-MeFOSE	616.1 > 58.9		3.943e3	0.112		6.32						
60	1...	TDCA	498.3>106.9			0.112		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.650e3		0.112	84.650	5.81	5.78	1650	174.643	13.1		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.172e3		0.112	120.333	6.18	6.16	2170	161.698	12.1		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.233e4		0.112	1527.484	6.65	6.61	12300	72.322	64.6		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	3.943e3		0.112	71.023	6.25	6.32	3940	497.394	37.2		
65	73	13C8-PFOS-EIS	507.0 > 80	2.981e3		0.112	253.261	5.04	4.99	2980	105.443	94.1		

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 17:51:17
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

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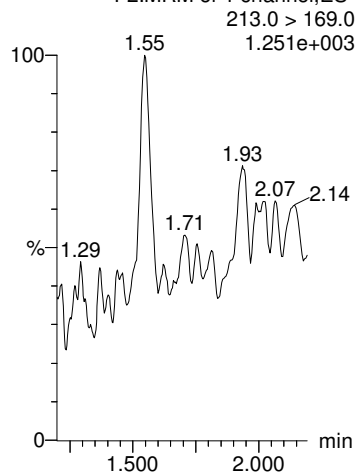

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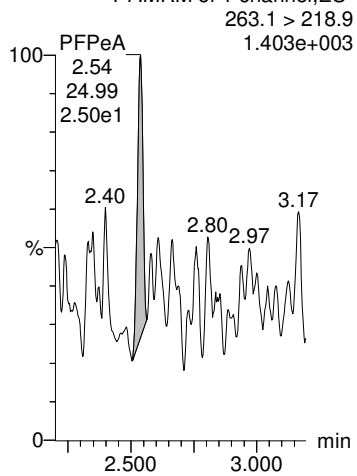

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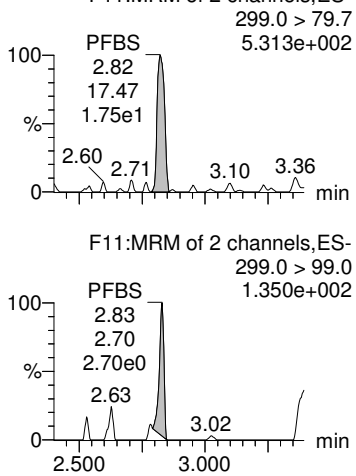

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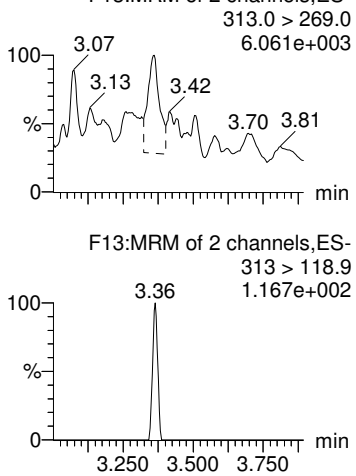

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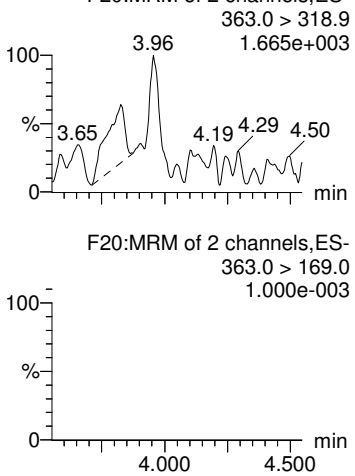

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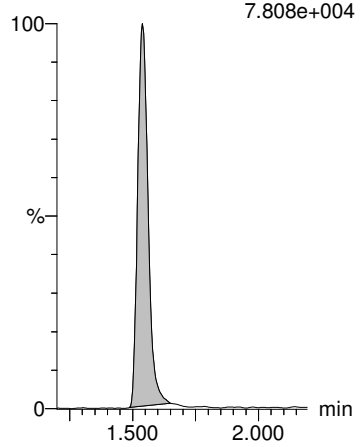

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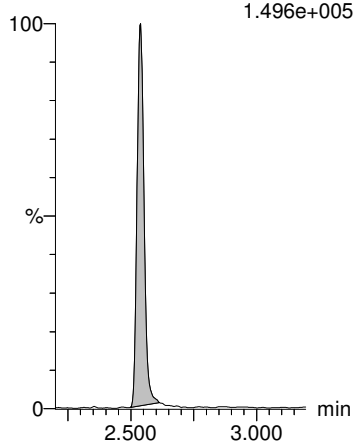

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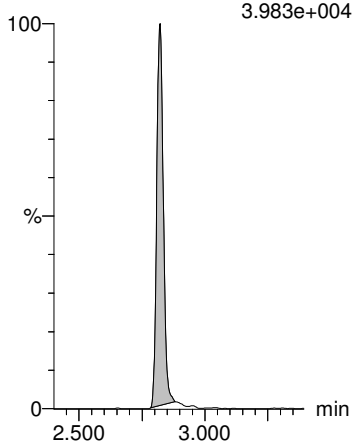

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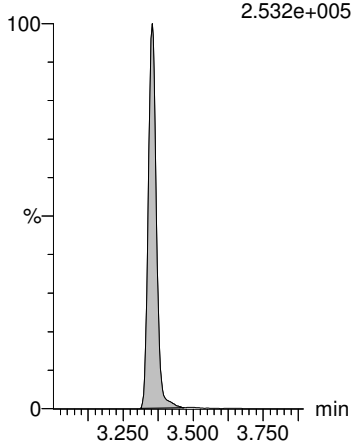

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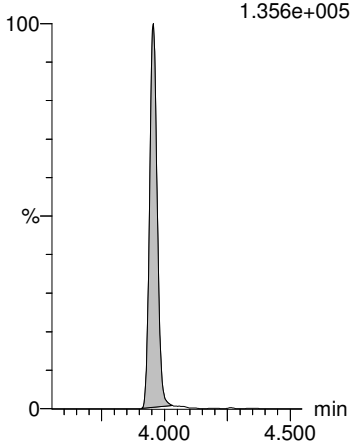

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Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

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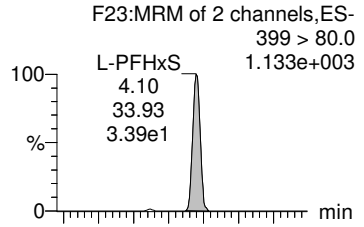
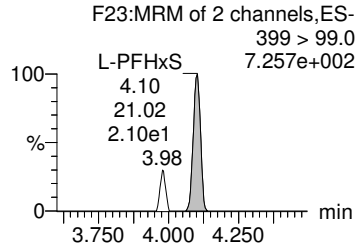
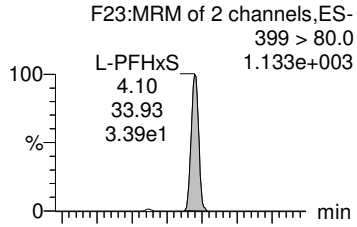
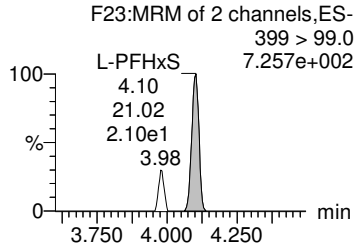


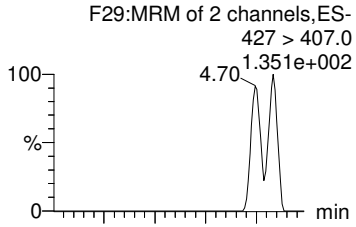


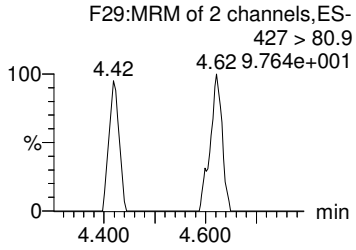
Total PFHxS



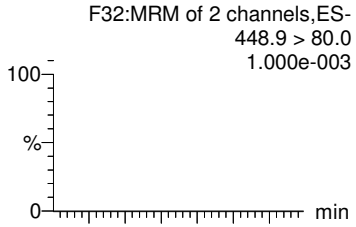


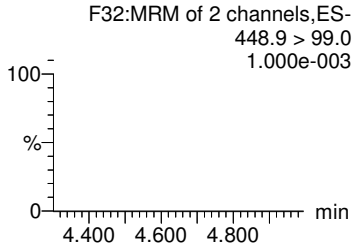
6:2 FTS





PFHpS





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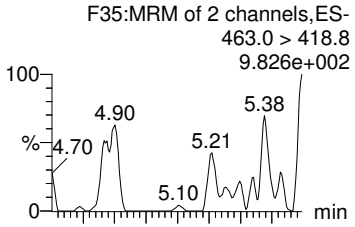
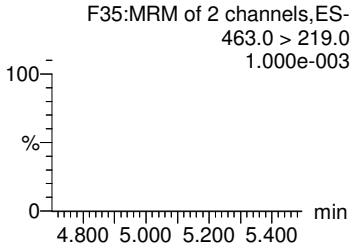
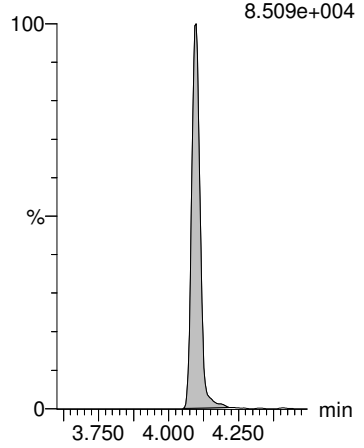




13C3-PFHxS-EIS



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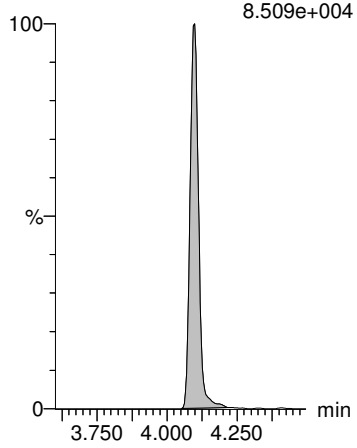

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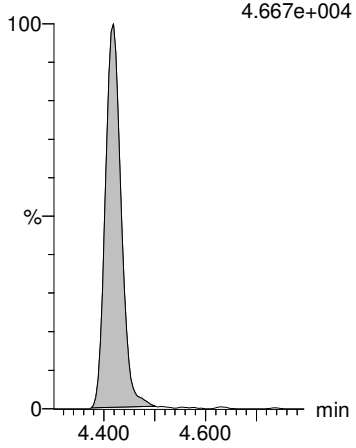

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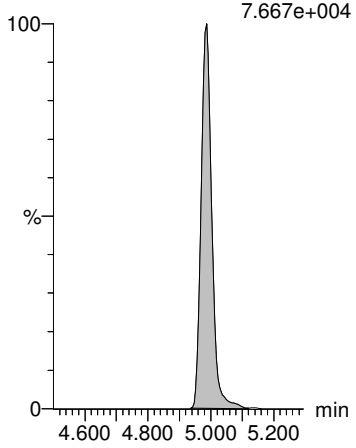

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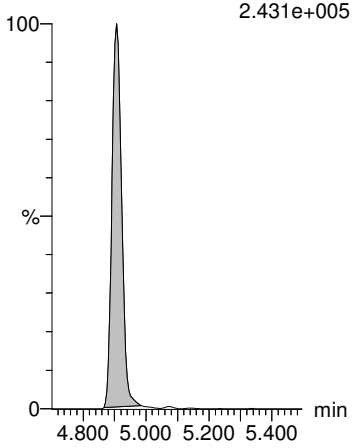


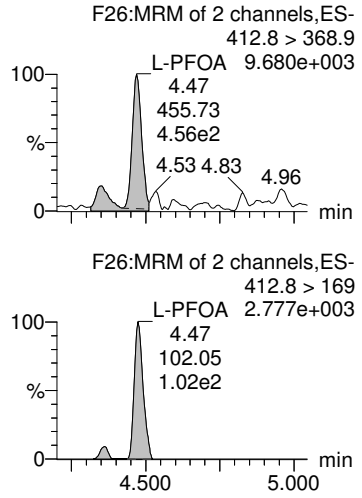
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

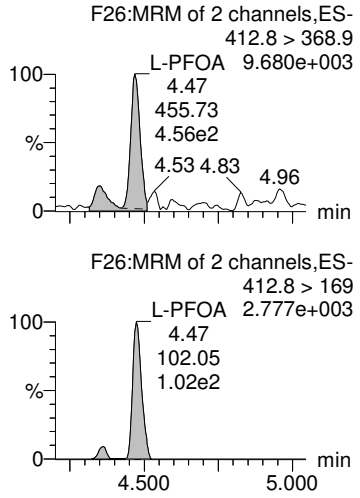
Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

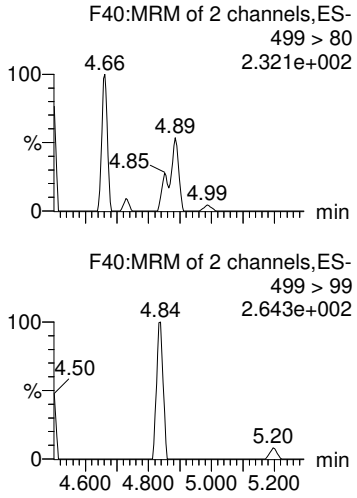
L-PFOA



Total PFOA



L-PFOS



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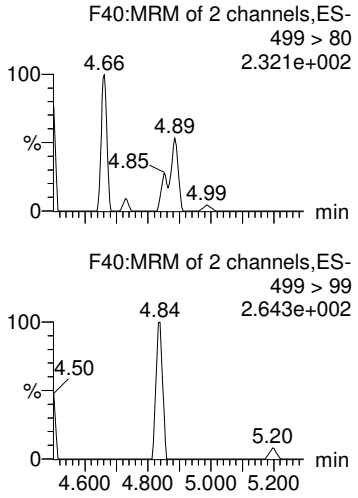

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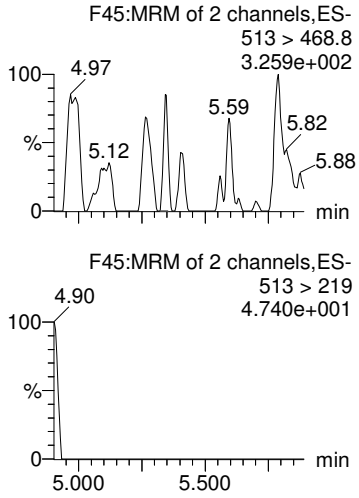
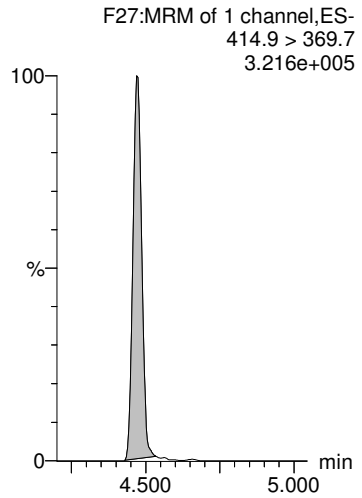


13C2-PFOA-EIS



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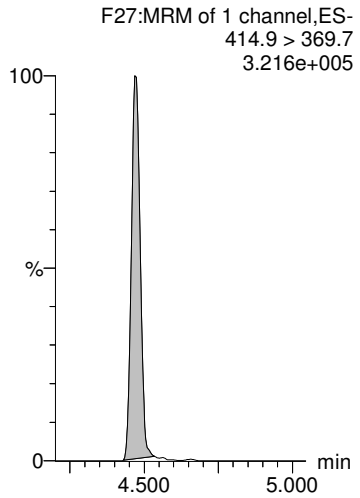
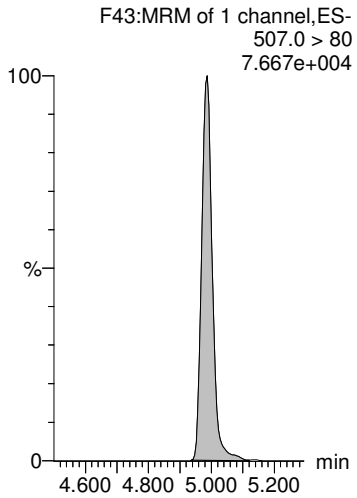


13C8-PFOS-EIS



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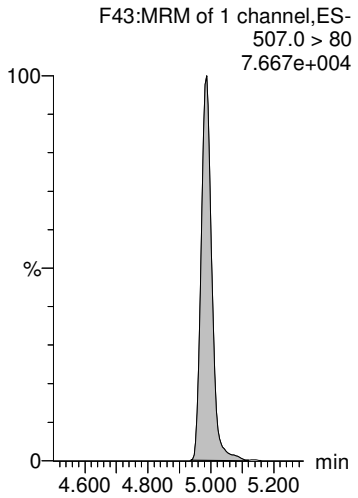

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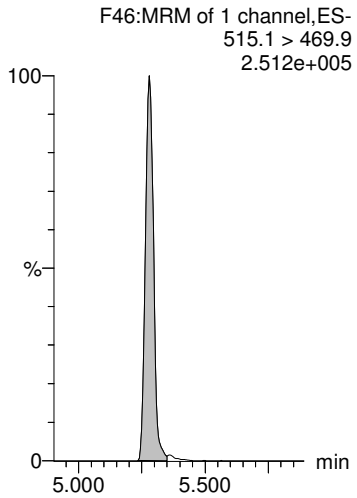
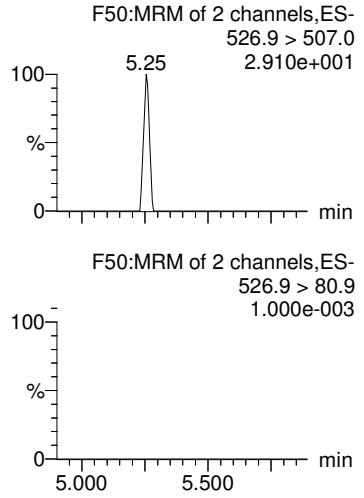


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

8:2 FTS



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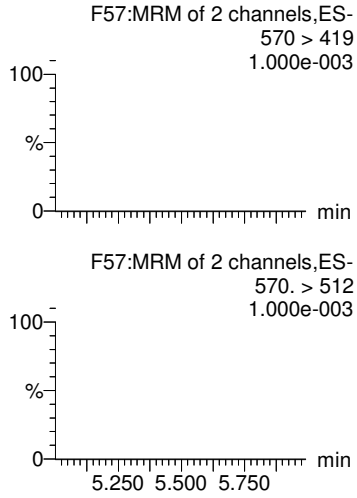
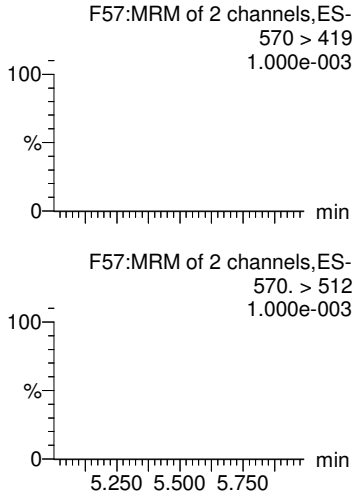


Total N-MeFOSAA



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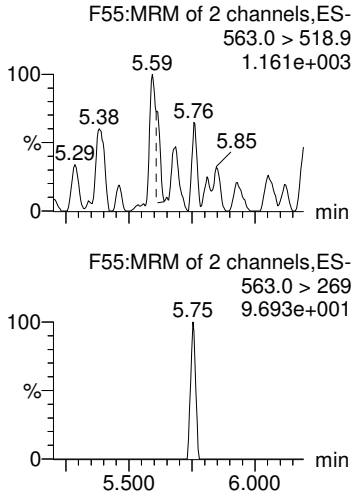

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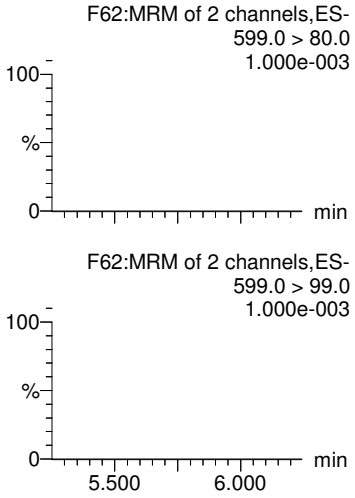
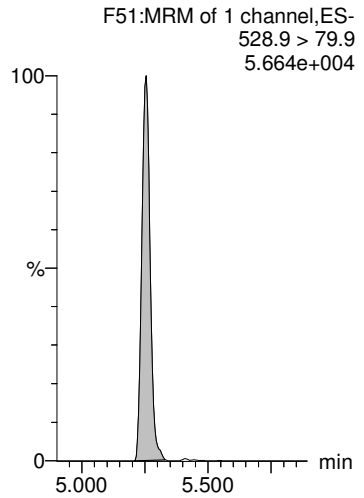
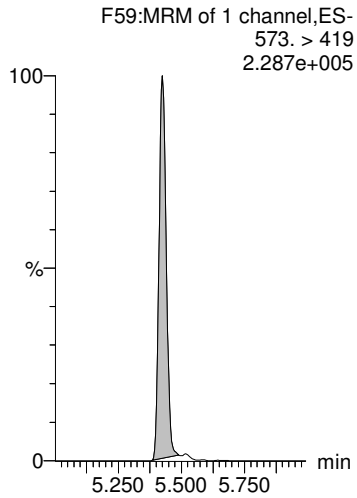


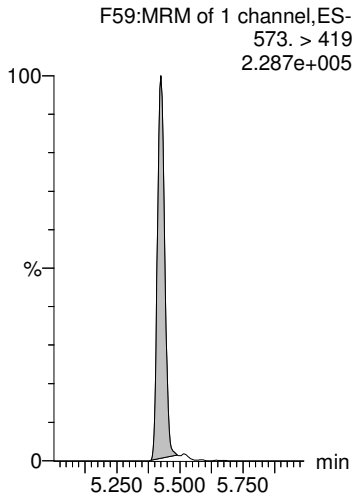
13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



d3-N-MeFOSAA-EIS



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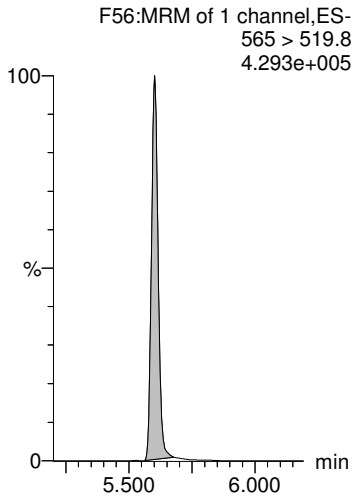

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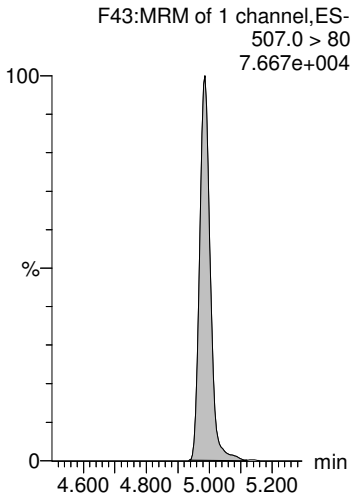


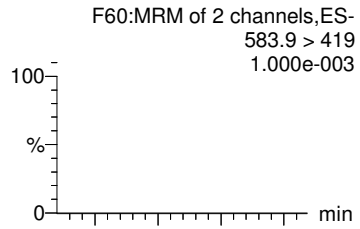
RK 7/2/2020

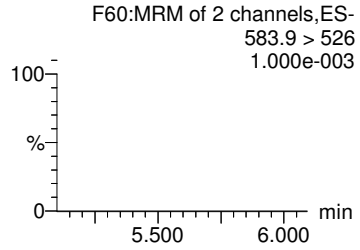
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

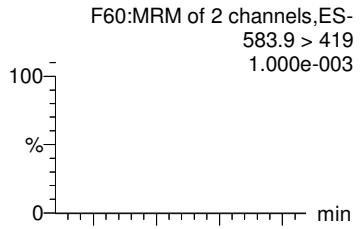
Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

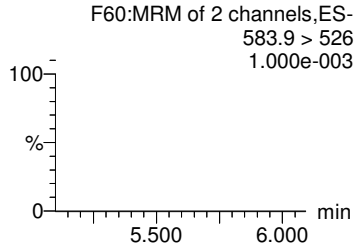
L-EtFOSAA



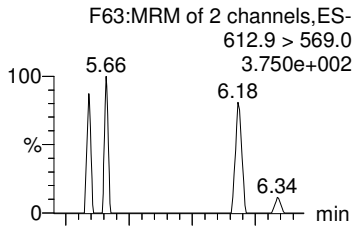


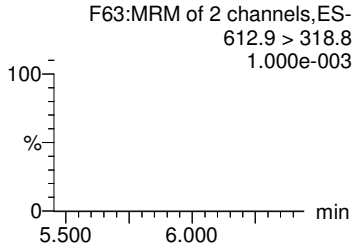
Total N-EtFOSAA





PFDoA





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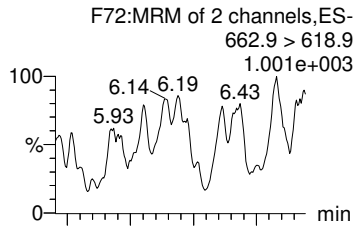

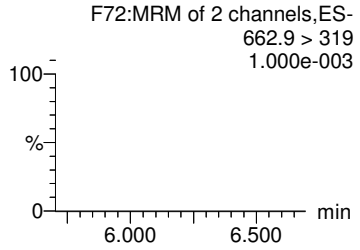

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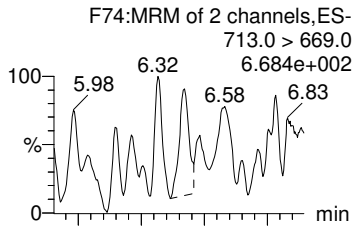
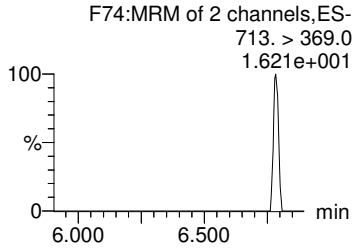
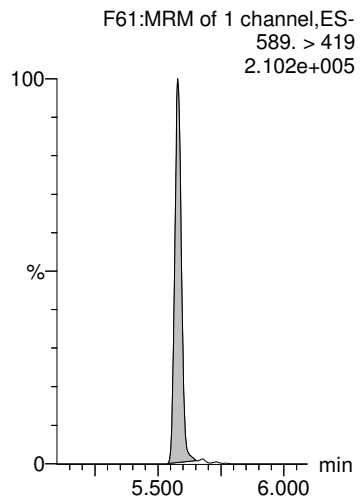




d5-N-EtFOSAA-EIS



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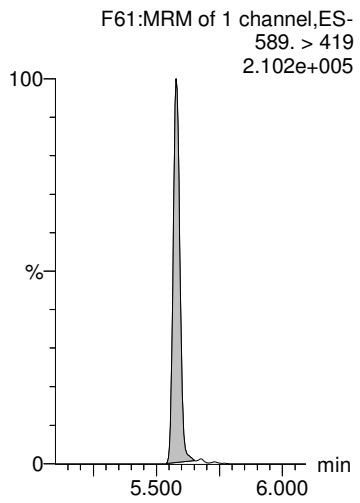

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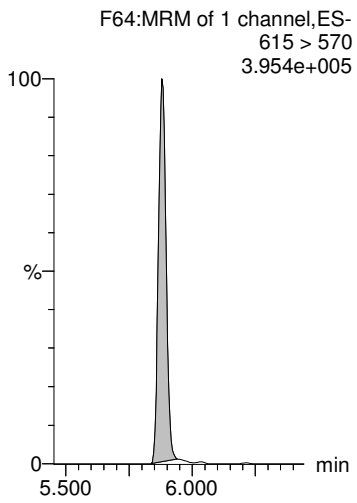

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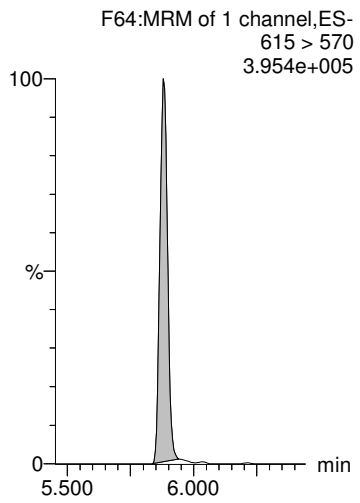
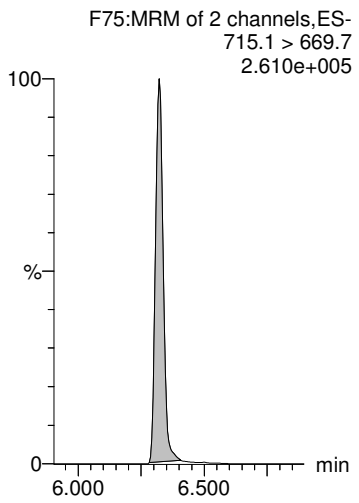


13C2-PFTeDA-EIS

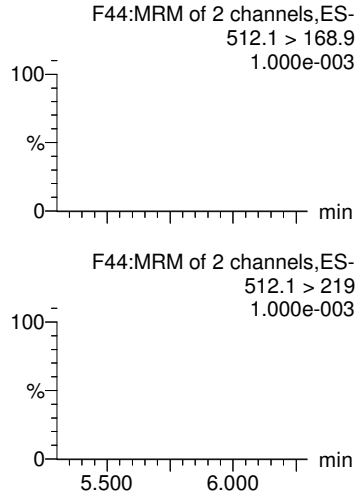


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-80.qld

Last Altered: Thursday, July 02, 2020 17:53:37 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:54:26 Pacific Daylight Time

Name: 200630M1_80, Date: 01-Jul-2020, Time: 05:03:34, ID: 2001271-04 GW-FPC-3C 0.11161, Description: GW-FPC-3C

N-MeFOSA



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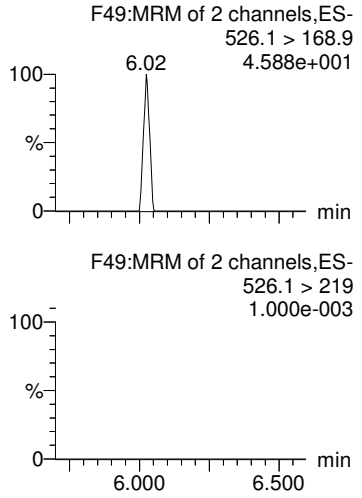

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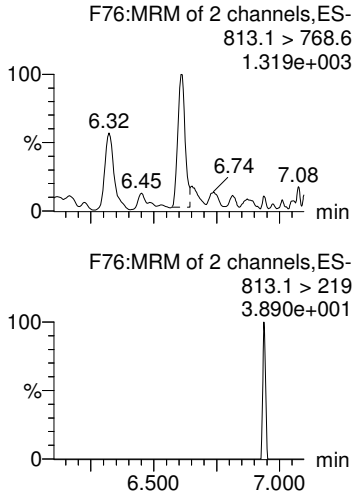

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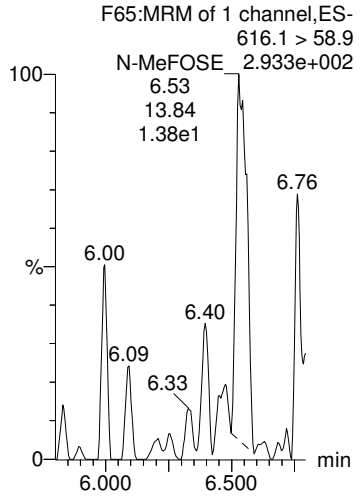
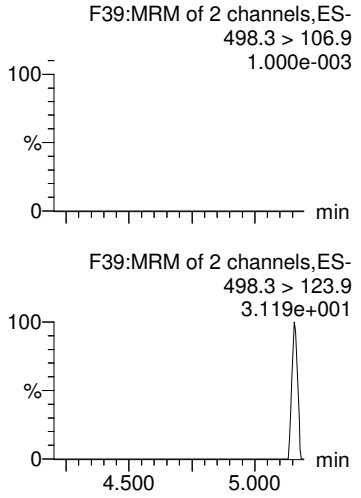
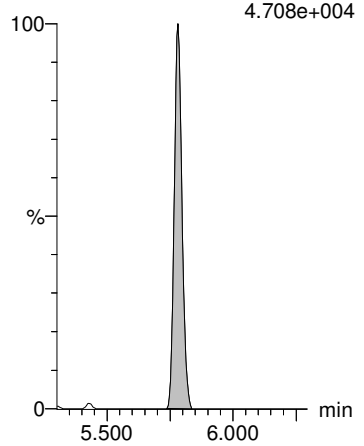


TDCA



d3-N-MeFOSA-EIS



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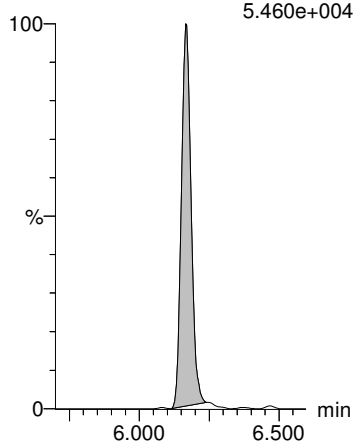
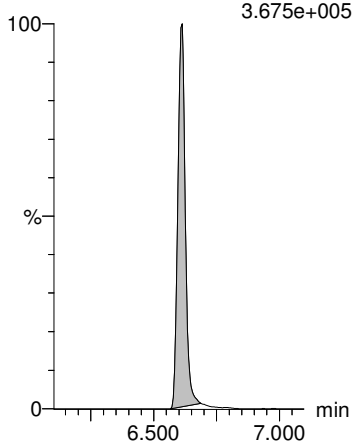
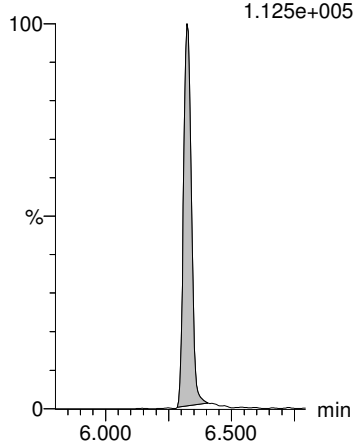


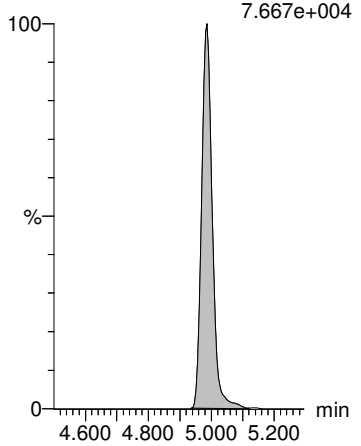
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-59.qld

Last Altered: Thursday, July 02, 2020 16:43:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:44:34 Pacific Daylight Time

Name: 200623P1-59, Date: 23-Jun-2020, Time: 21:04:54, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	1.380e2	3.274e3	0.108		4.49	4.48	0.527	7.005		25.803	NO
2	46	N-EtFOSE	630.1 > 58.9		1.190e4	0.108		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	3.274e3		0.108	461.908	4.57	4.49	3270	65.627	56.7		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.190e4		0.108	170.570	6.38	6.38	11900	645.917	46.8		
5	-1													

RK 7/2/2020

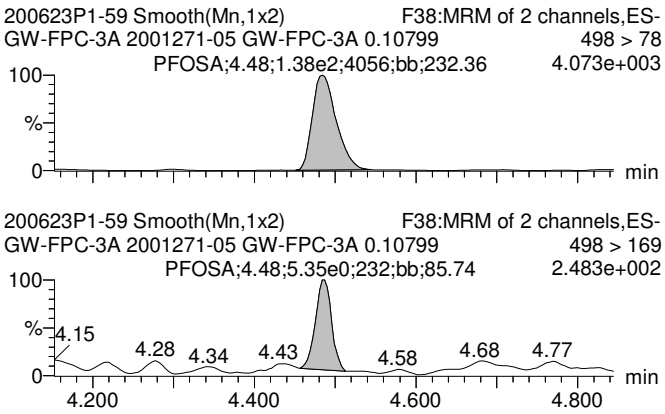
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-59.qld

Last Altered: Thursday, July 02, 2020 16:43:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:44:34 Pacific Daylight Time

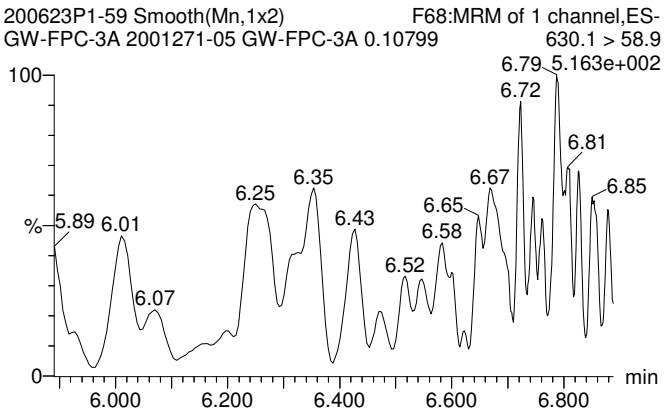
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:43:45
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-59, Date: 23-Jun-2020, Time: 21:04:54, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

PFOSA



N-EtFOSE



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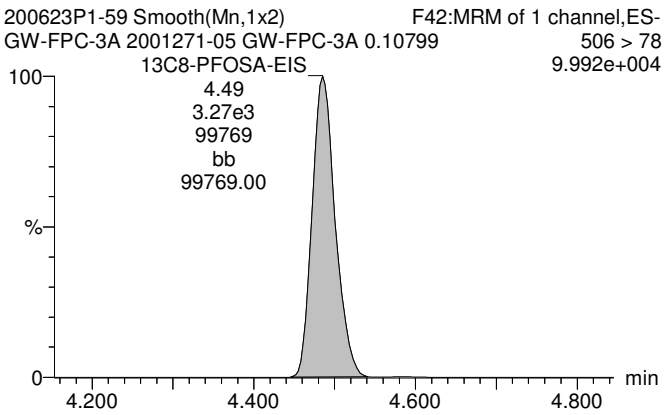
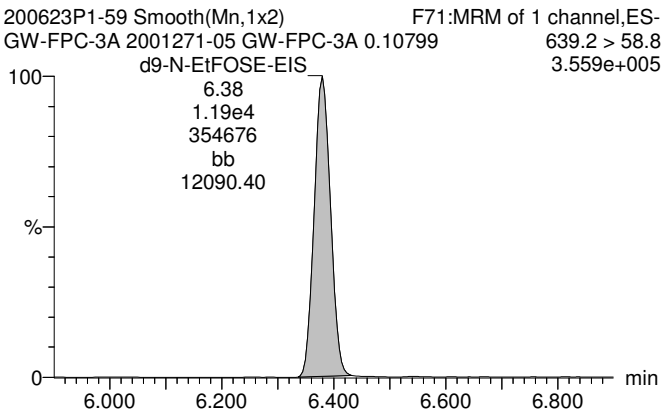


d9-N-EtFOSE-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

Last Altered: Thursday, July 02, 2020 17:58:59 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:59:30 Pacific Daylight Time

Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		2.207e3	0.108		1.54						
2	4	PFPeA	263.1 > 218.9		4.273e3	0.108		2.54						
3	5	PFBS	299.0 > 79.7		1.126e3	0.108		2.82						YES
4	7	PFHxA	313.0 > 269.0		7.940e3	0.108		3.35						YES
5	11	PFHpA	363.0 > 318.9		4.356e3	0.108		3.96						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.207e3		0.108	371.472	1.61	1.54	2210	55.025	47.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.273e3		0.108	440.123	2.61	2.54	4270	89.898	77.7		
8	51	13C3-PFBS-EIS	302.0 > 99	1.126e3		0.108	108.310	2.97	2.82	1130	96.285	83.2		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.940e3		0.108	775.415	3.41	3.35	7940	94.826	81.9		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.356e3		0.108	449.866	4.01	3.96	4360	89.663	77.5		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.464e3	0.108		4.10						YES
13	1...	Total PFHxS	399 > 80	0.000e0	2.464e3	0.108		3.83		0.000				
14	15	6:2 FTS	427 > 407.0		1.604e3	0.108		4.42						YES
15	19	PFHpS	448.9 > 80.0		2.785e3	0.108		4.57						YES
16	21	PFNA	463.0 > 418.8		7.767e3	0.108		4.91						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.464e3		0.108	253.746	4.16	4.10	2460	89.908	77.7		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.464e3		0.108	253.746	4.16	4.10	2460	89.908	77.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.604e3		0.108	112.797	4.48	4.42	1600	131.719	113.8		
20	73	13C8-PFOS-EIS	507.0 > 80	2.785e3		0.108	253.261	5.04	4.99	2790	101.846	88.0		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.767e3		0.108	780.691	4.96	4.91	7770	92.128	79.6		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.970e2	9.820e3	0.108		4.47	4.47	0.251	1.070		4.91	NO
24	1...	Total PFOA	412.8 > 368.9	1.970e2	9.820e3	0.108		4.20		0.251	1.070			
25	23	L-PFOS	499 > 80		2.785e3	0.108		4.99						YES
26	1...	Total PFOS	499 > 80	0.000e0	2.785e3	0.108		4.73		0.000				
27	26	PFDA	513 > 468.8		8.350e3	0.108		5.28						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.820e3		0.108	1032.548	4.53	4.47	9820	88.072	76.1		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.820e3		0.108	1032.548	4.53	4.47	9820	88.072	76.1		
30	73	13C8-PFOS-EIS	507.0 > 80	2.785e3		0.108	253.261	5.04	4.99	2790	101.846	88.0		
31	73	13C8-PFOS-EIS	507.0 > 80	2.785e3		0.108	253.261	5.04	4.99	2790	101.846	88.0		
32	75	13C2-PFDA-EIS	515.1 > 469.9	8.350e3		0.108	863.274	5.33	5.28	8350	89.565	77.4		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		1.820e3	0.108		5.25						YES
35	29	L-MeFOSAA	570 > 419		7.944e3	0.108		5.43						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.944e3	0.108		5.17		0.000				

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Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

Last Altered: Thursday, July 02, 2020 17:58:59 Pacific Daylight Time
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Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.358e4	0.108		5.60						YES
38	34	PFDS	599.0 > 80.0		2.785e3	0.108		5.71						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	1.820e3		0.108	200.576	5.31	5.25	1820	84.007	72.6		
40	79	d3-N-MeFOSAA-EIS	573. > 419	7.944e3		0.108	772.961	5.48	5.43	7940	95.168	82.2		
41	79	d3-N-MeFOSAA-EIS	573. > 419	7.944e3		0.108	772.961	5.48	5.43	7940	95.168	82.2		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.358e4		0.108	1406.602	5.65	5.60	13600	89.403	77.2		
43	73	13C8-PFOS-EIS	507.0 > 80	2.785e3		0.108	253.261	5.04	4.99	2790	101.846	88.0		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.282e3	0.108		5.58						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.282e3	0.108		5.33		0.000				
47	37	PFDoA	612.9 > 569.0		1.360e4	0.108		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.360e4	0.108		6.14						YES
49	41	PFTeDA	713.0 > 669.0		9.361e3	0.108		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	6.282e3		0.108	680.656	5.63	5.58	6280	85.469	73.8		
51	83	d5-N-EtFOSAA-EIS	589. > 419	6.282e3		0.108	680.656	5.63	5.58	6280	85.469	73.8		
52	85	13C2-PFDoA-EIS	615 > 570	1.360e4		0.108	1620.087	5.93	5.88	13600	77.722	67.1		
53	85	13C2-PFDoA-EIS	615 > 570	1.360e4		0.108	1620.087	5.93	5.88	13600	77.722	67.1		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	9.361e3		0.108	1080.991	6.37	6.32	9360	80.193	69.3		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		1.855e3	0.108		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		2.464e3	0.108		6.15						YES
58	43	PFHxDA	813.1 > 768.6	4.227e1	1.213e4	0.108		6.61	6.61	0.0436			111	NO
59	45	N-MeFOSE	616.1 > 58.9		4.174e3	0.108		6.32						
60	1...	TDCA	498.3>106.9			0.108		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.855e3		0.108	84.650	5.81	5.78	1850	202.885	14.7		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.464e3		0.108	120.333	6.18	6.17	2460	189.609	13.7		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.213e4		0.108	1527.484	6.65	6.61	12100	73.542	63.5		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	4.174e3		0.108	71.023	6.25	6.32	4170	544.249	39.4		
65	73	13C8-PFOS-EIS	507.0 > 80	2.785e3		0.108	253.261	5.04	4.99	2790	101.846	88.0		

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

Last Altered: Thursday, July 02, 2020 17:58:59 Pacific Daylight Time
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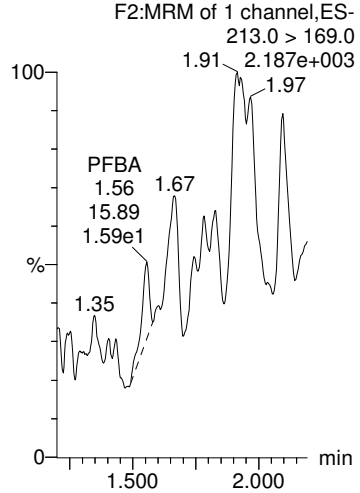
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

PFBA



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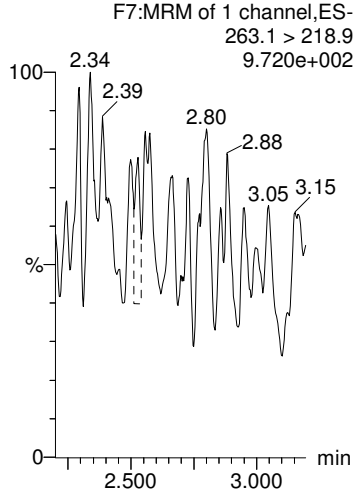

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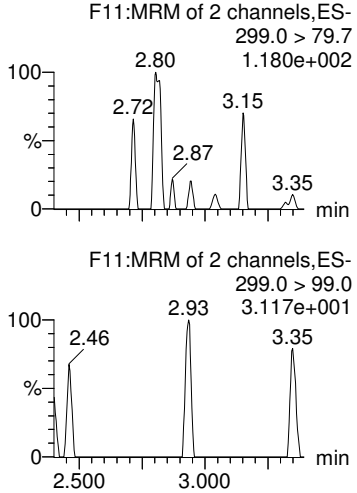

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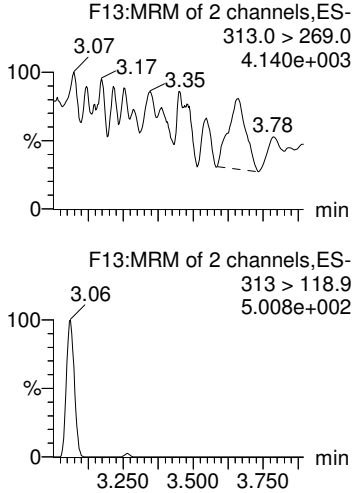

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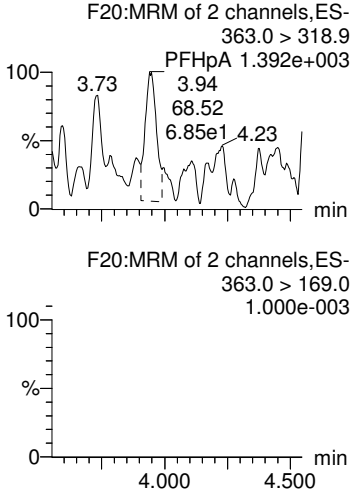

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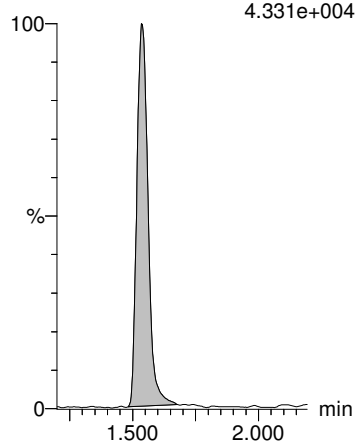

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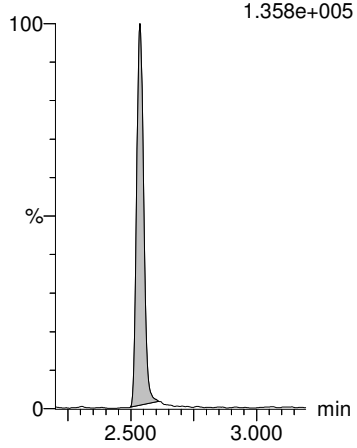

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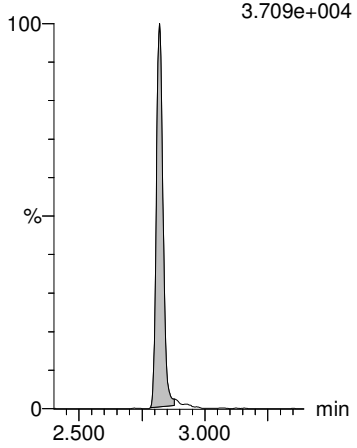

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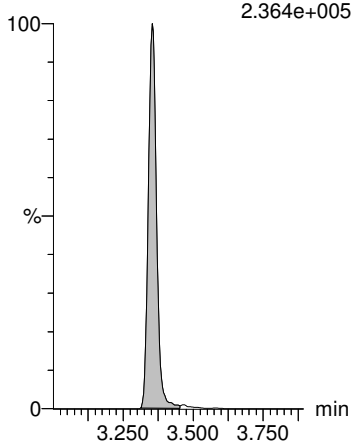

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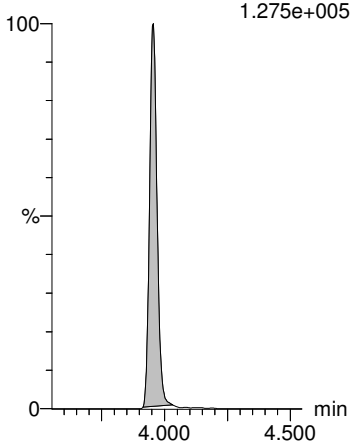

RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

Last Altered: Thursday, July 02, 2020 17:58:59 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:59:30 Pacific Daylight Time

Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

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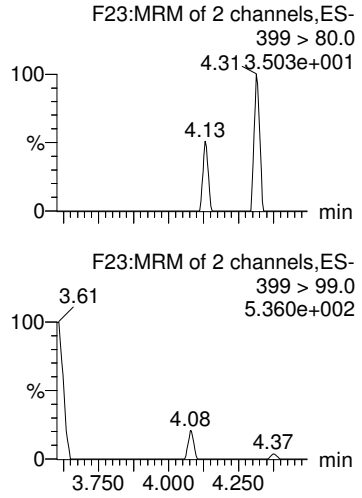

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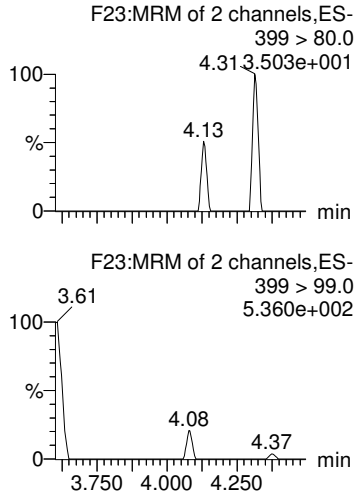

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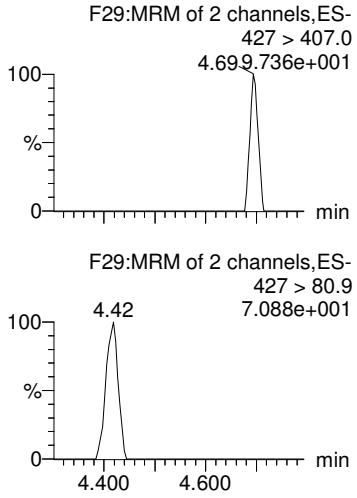
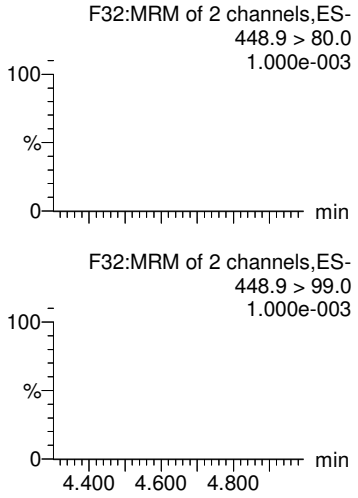


PFHpS



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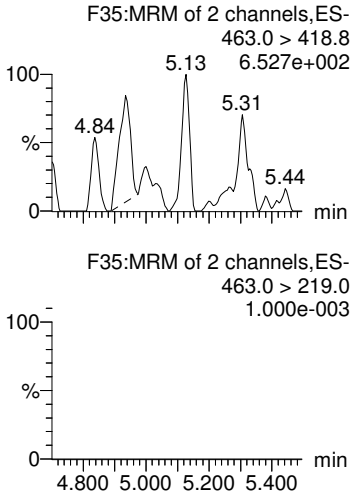

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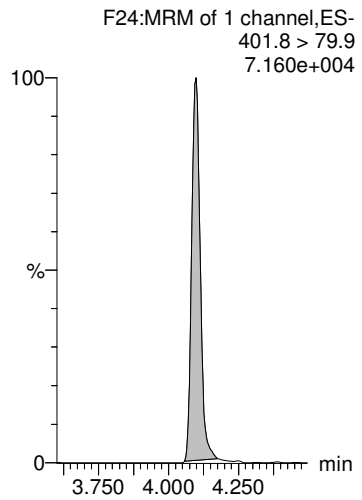

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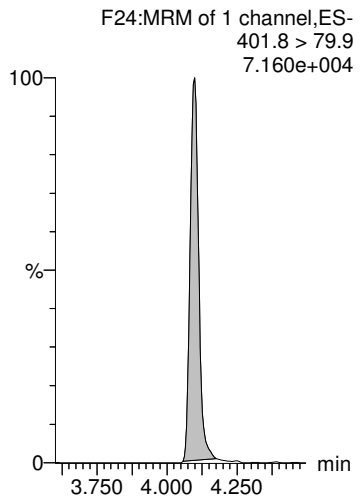

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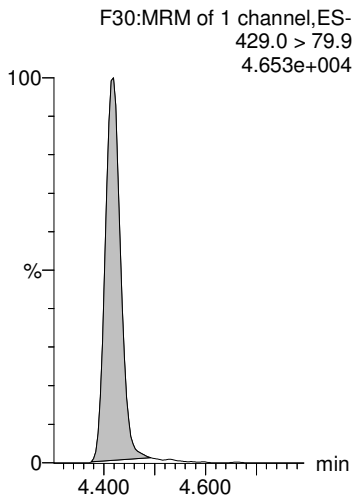

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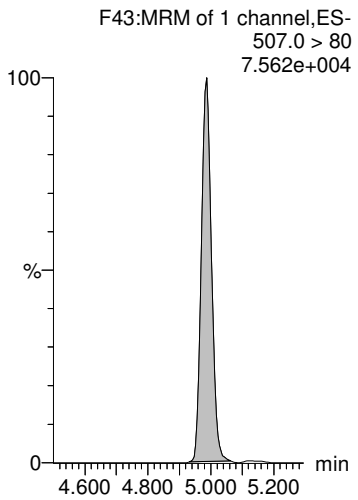

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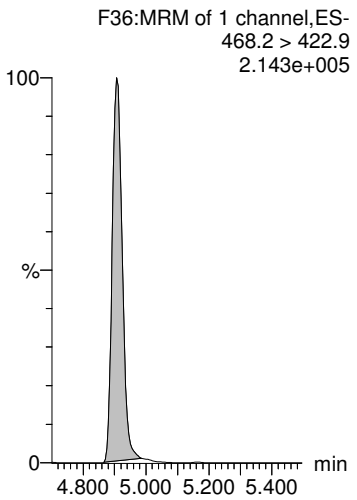

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

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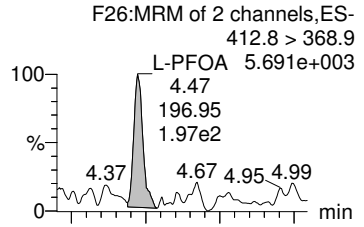
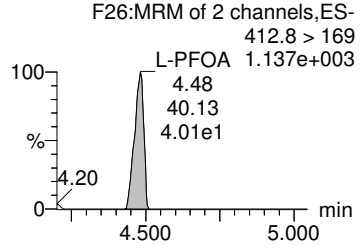
Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

L-PFOA





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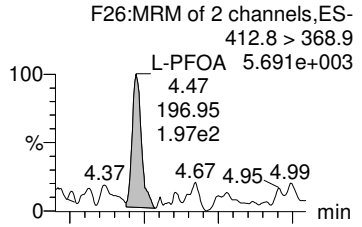

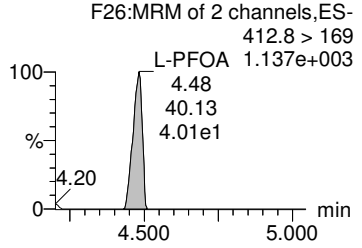

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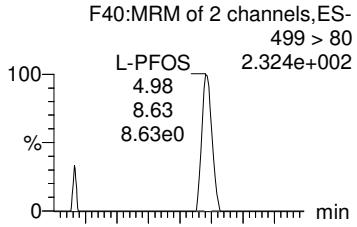
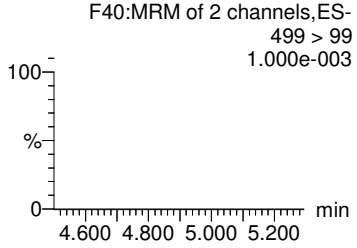
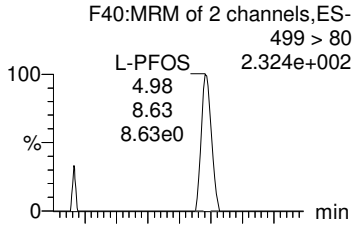
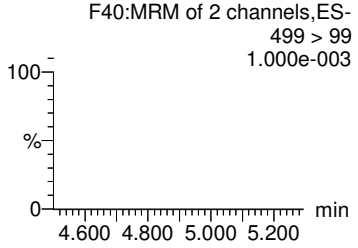


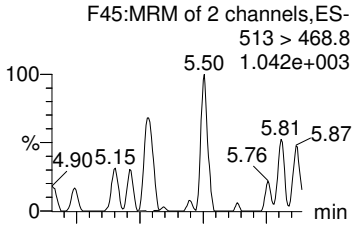


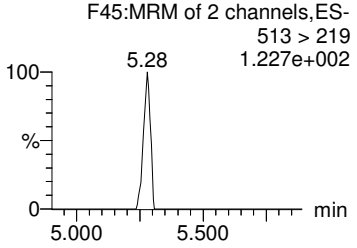
Total PFOS



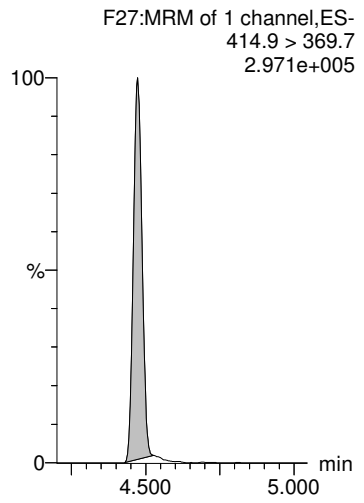


PFDA





13C2-PFOA-EIS



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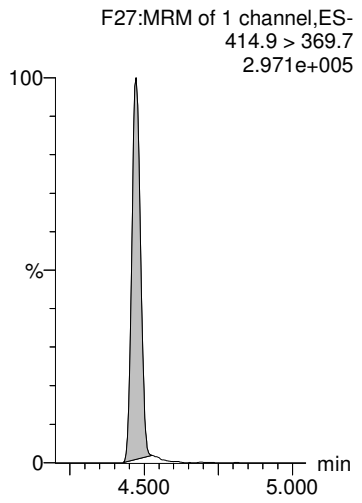

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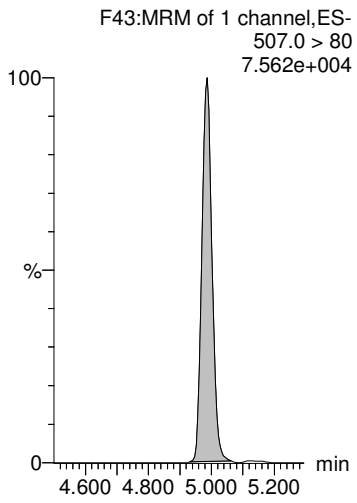

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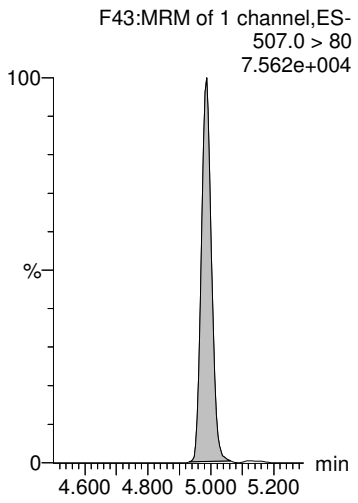

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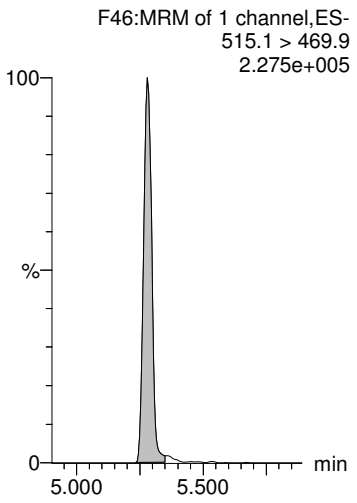
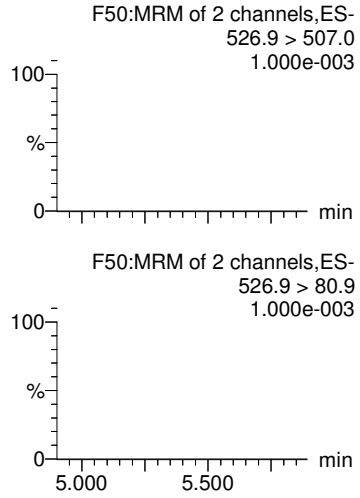


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

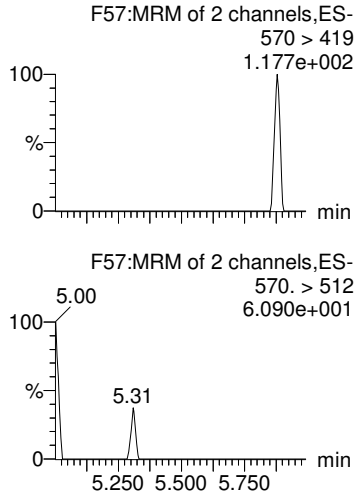
Last Altered: Thursday, July 02, 2020 17:58:59 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:59:30 Pacific Daylight Time

Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

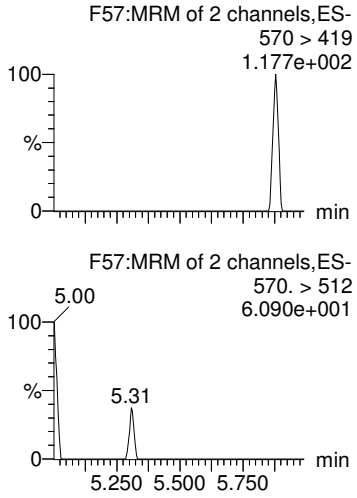
8:2 FTS



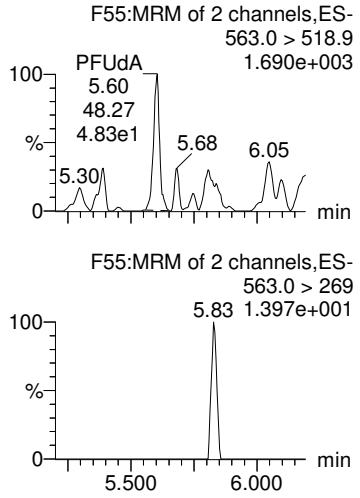
L-MeFOSAA



Total N-MeFOSAA



PFUdA



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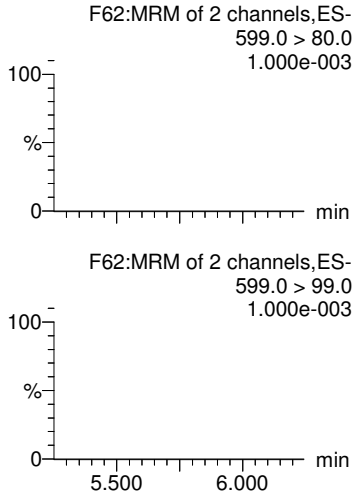
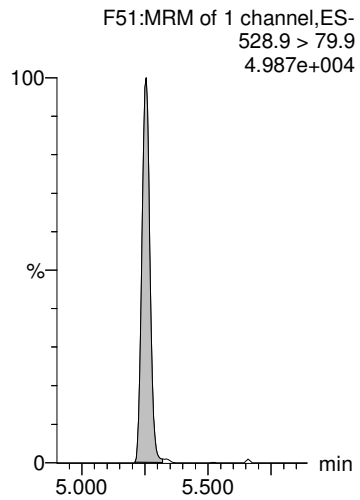
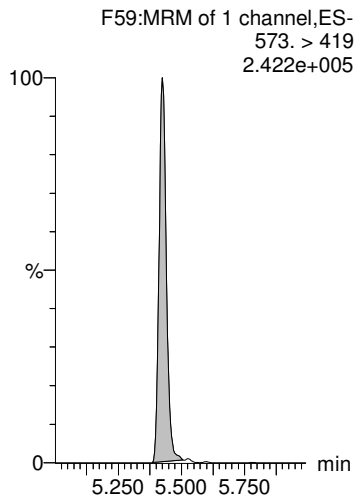


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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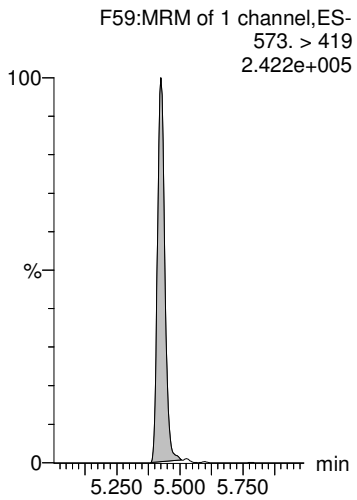
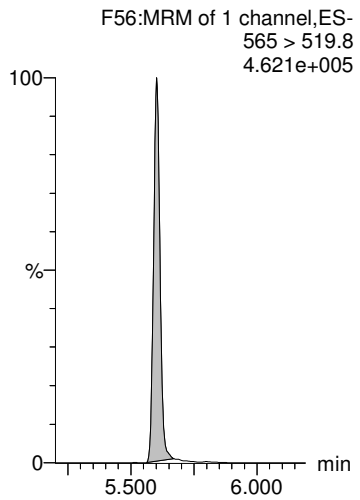
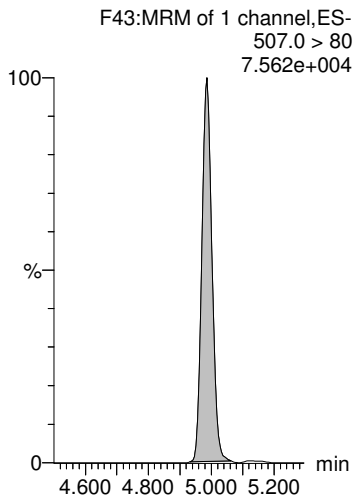


13C2-PFUdA-EIS



13C8-PFOS-EIS

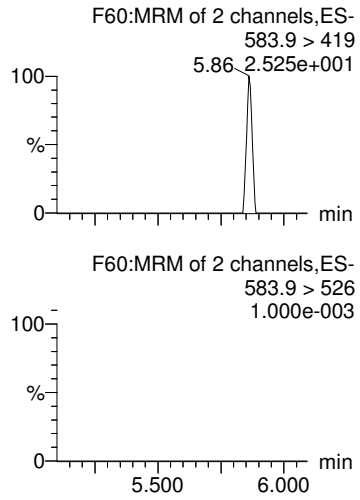


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

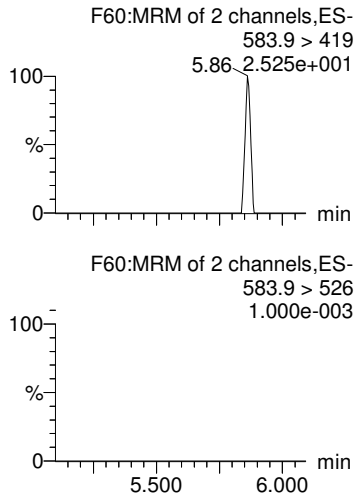
Last Altered: Thursday, July 02, 2020 17:58:59 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:59:30 Pacific Daylight Time

Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

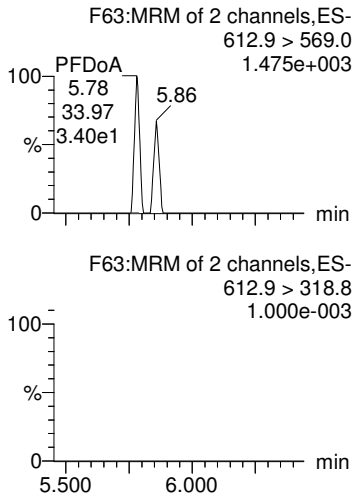
L-EtFOSAA



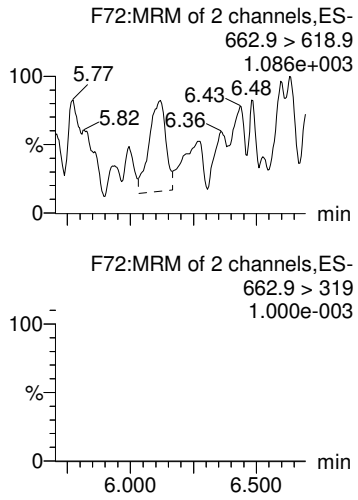
Total N-EtFOSAA



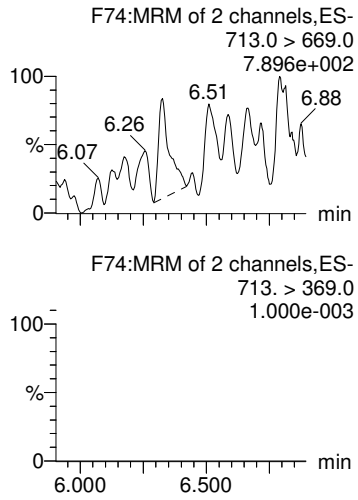
PFDoA



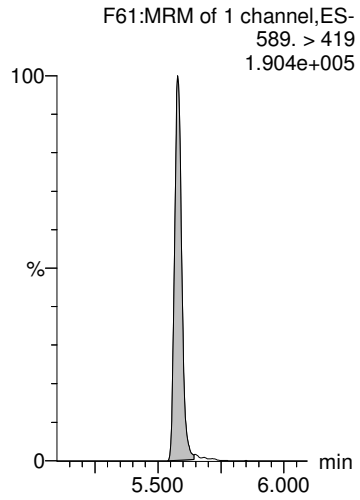
PFTrDA



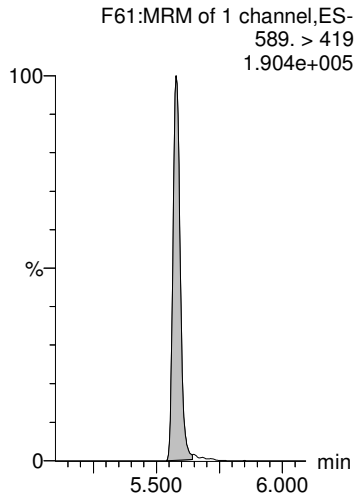
PFTeDA



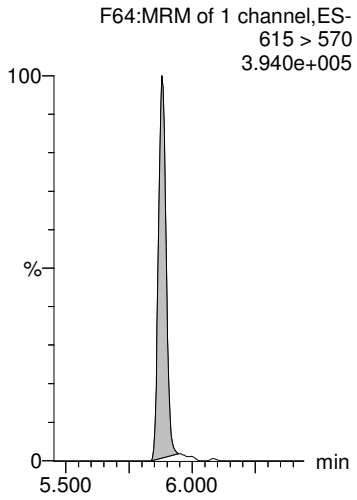
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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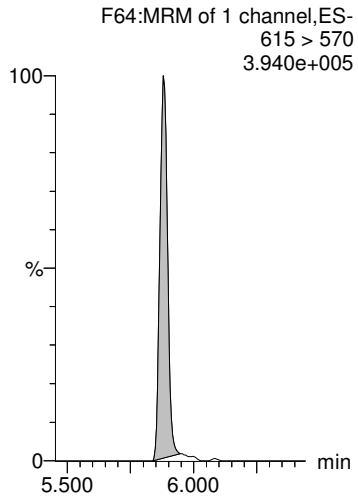
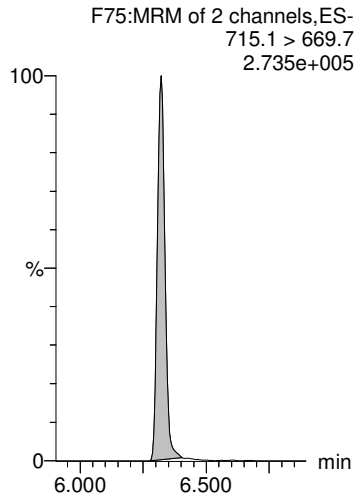


13C2-PFTeDA-EIS

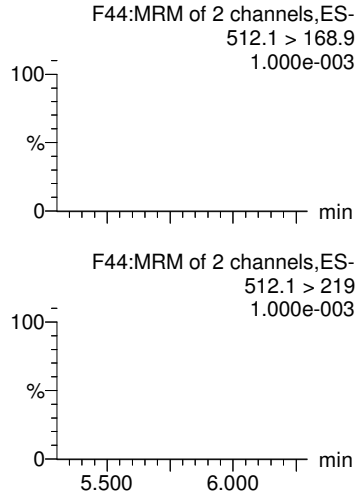


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-81.qld

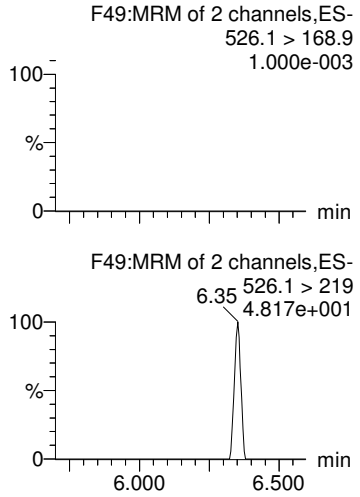
Last Altered: Thursday, July 02, 2020 17:58:59 Pacific Daylight Time
Printed: Thursday, July 02, 2020 17:59:30 Pacific Daylight Time

Name: 200630M1_81, Date: 01-Jul-2020, Time: 05:13:56, ID: 2001271-05 GW-FPC-3A 0.10799, Description: GW-FPC-3A

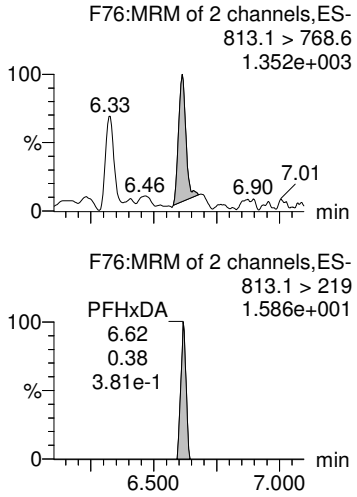
N-MeFOSA



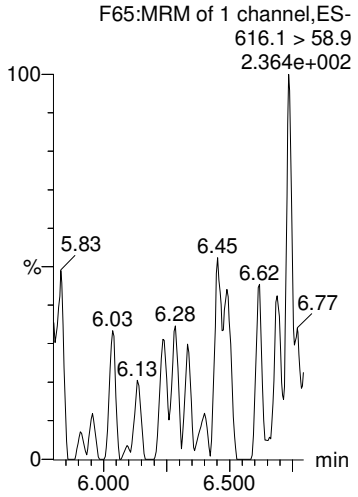
N-EtFOSA



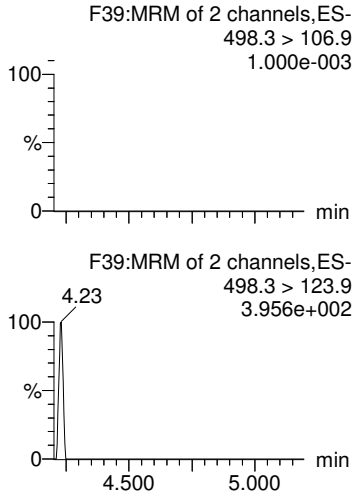
PFHxDA



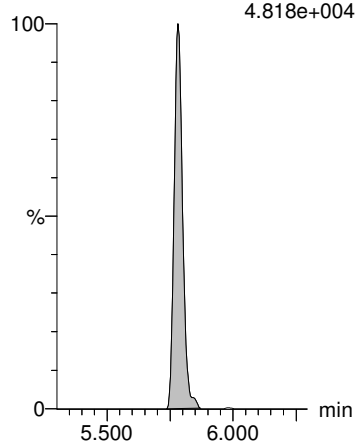
N-MeFOSE



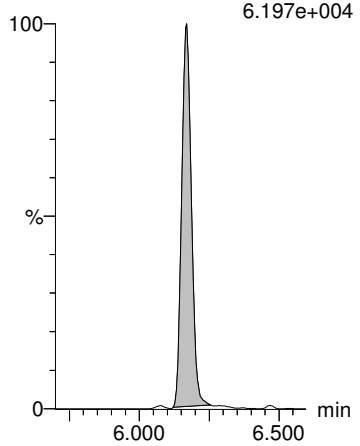
TDCA



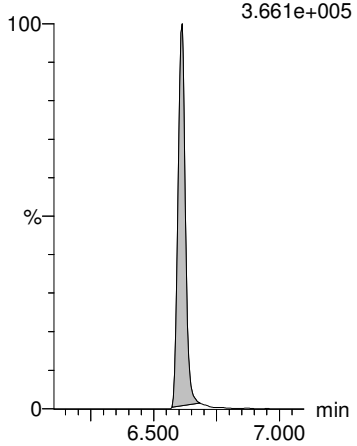
d3-N-MeFOSA-EIS



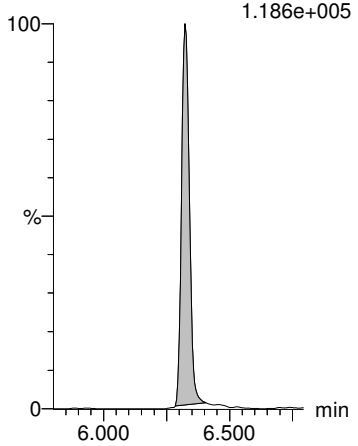
d5-N-ETFOSA-EIS



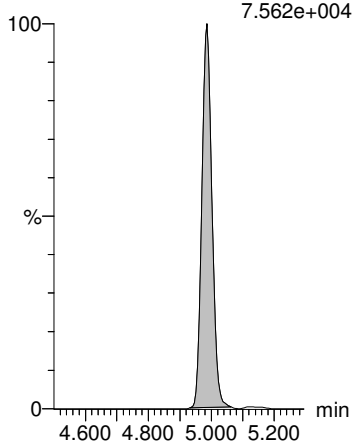
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



13C8-PFOS-EIS



RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-60.qld

Last Altered: Thursday, July 02, 2020 16:45:42 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:46:16 Pacific Daylight Time

Name: 200623P1-60, Date: 23-Jun-2020, Time: 21:15:23, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	1.010e2	4.052e3	0.113		4.48	4.49	0.311	3.883		26.181	NO
2	46	N-EtFOSE	630.1 > 58.9		1.222e4	0.113		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	4.052e3		0.113	461.908	4.57	4.48	4050	77.346	70.2		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.222e4		0.113	170.570	6.38	6.38	12200	631.464	48.0		
5	-1													

RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

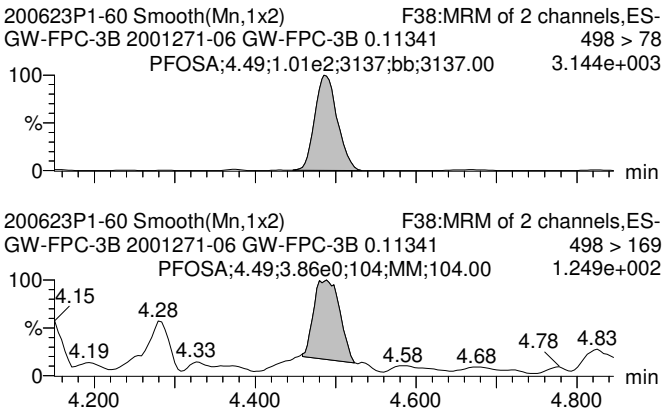
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-60.qld

Last Altered: Thursday, July 02, 2020 16:45:42 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:46:16 Pacific Daylight Time

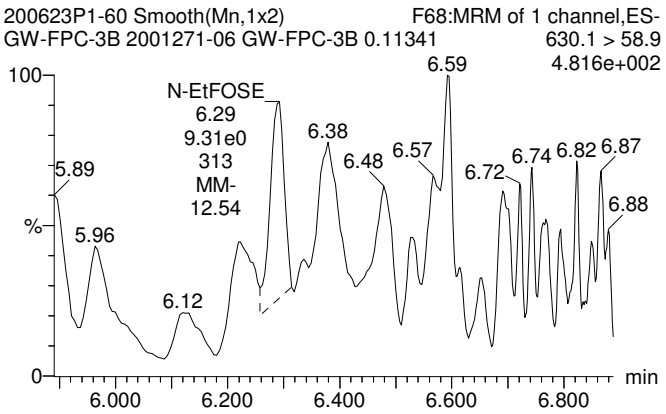
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:45:18
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-60, Date: 23-Jun-2020, Time: 21:15:23, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

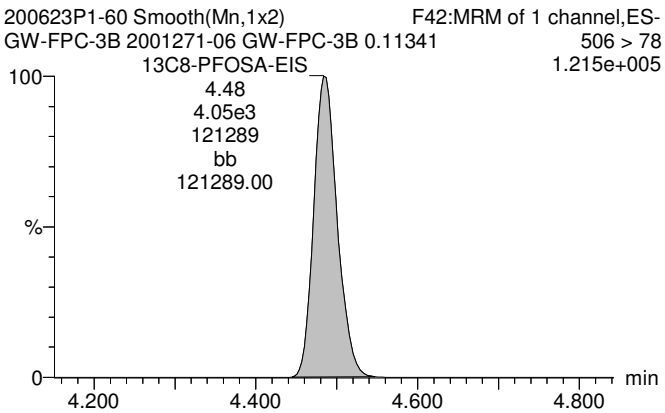
PFOSA



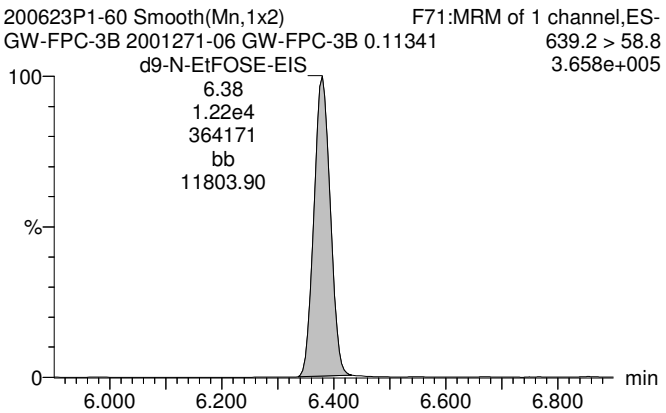
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

Last Altered: Thursday, July 02, 2020 18:02:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:03:37 Pacific Daylight Time

Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		2.815e3	0.113		1.54						
2	4	PFPeA	263.1 > 218.9		4.733e3	0.113		2.54						
3	5	PFBS	299.0 > 79.7		1.211e3	0.113		2.82						YES
4	7	PFHxA	313.0 > 269.0		7.988e3	0.113		3.35						YES
5	11	PFHpA	363.0 > 318.9		5.016e3	0.113		3.95						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.815e3		0.113	371.472	1.61	1.54	2810	66.816	60.6		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.733e3		0.113	440.123	2.61	2.54	4730	94.822	86.0		
8	51	13C3-PFBS-EIS	302.0 > 99	1.211e3		0.113	108.310	2.97	2.82	1210	98.560	89.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.988e3		0.113	775.415	3.41	3.35	7990	90.834	82.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.016e3		0.113	449.866	4.01	3.95	5020	98.314	89.2		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.975e3	0.113		4.09						YES
13	1...	Total PFHxS	399 > 80	0.000e0	2.975e3	0.113		3.83		0.000				
14	15	6:2 FTS	427 > 407.0		1.643e3	0.113		4.42						YES
15	19	PFHpS	448.9 > 80.0		2.983e3	0.113		4.57						YES
16	21	PFNA	463.0 > 418.8		8.778e3	0.113		4.91						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.975e3		0.113	253.746	4.16	4.09	2970	103.363	93.8		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.975e3		0.113	253.746	4.16	4.09	2970	103.363	93.8		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.643e3		0.113	112.797	4.48	4.42	1640	128.456	116.5		
20	73	13C8-PFOS-EIS	507.0 > 80	2.983e3		0.113	253.261	5.04	4.99	2980	103.845	94.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.778e3		0.113	780.691	4.96	4.91	8780	99.141	89.9		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.817e2	1.024e4	0.113		4.47	4.47	0.222	0.854		4.96	NO
24	1...	Total PFOA	412.8 > 368.9	1.817e2	1.024e4	0.113		4.20		0.222	0.854			
25	23	L-PFOS	499 > 80		2.983e3	0.113		4.99						YES
26	1...	Total PFOS	499 > 80	0.000e0	2.983e3	0.113		4.73		0.000				
27	26	PFDA	513 > 468.8		9.333e3	0.113		5.28						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.024e4		0.113	1032.548	4.53	4.47	10200	87.466	79.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.024e4		0.113	1032.548	4.53	4.47	10200	87.466	79.4		
30	73	13C8-PFOS-EIS	507.0 > 80	2.983e3		0.113	253.261	5.04	4.99	2980	103.845	94.2		
31	73	13C8-PFOS-EIS	507.0 > 80	2.983e3		0.113	253.261	5.04	4.99	2980	103.845	94.2		
32	75	13C2-PFDA-EIS	515.1 > 469.9	9.333e3		0.113	863.274	5.33	5.28	9330	95.324	86.5		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		1.988e3	0.113		5.25						YES
35	29	L-MeFOSAA	570 > 419		8.206e3	0.113		5.43						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	8.206e3	0.113		5.17		0.000				

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

Last Altered: Thursday, July 02, 2020 18:02:45 Pacific Daylight Time
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Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.624e4	0.113		5.60						YES
38	34	PFDS	599.0 > 80.0		2.983e3	0.113		5.71						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	1.988e3		0.113	200.576	5.31	5.25	1990	87.380	79.3		
40	79	d3-N-MeFOSAA-EIS	573. > 419	8.206e3		0.113	772.961	5.48	5.43	8210	93.605	84.9		
41	79	d3-N-MeFOSAA-EIS	573. > 419	8.206e3		0.113	772.961	5.48	5.43	8210	93.605	84.9		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.624e4		0.113	1406.602	5.65	5.60	16200	101.835	92.4		
43	73	13C8-PFOS-EIS	507.0 > 80	2.983e3		0.113	253.261	5.04	4.99	2980	103.845	94.2		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.808e3	0.113		5.58						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.808e3	0.113		5.33		0.000				
47	37	PFDoA	612.9 > 569.0		1.527e4	0.113		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.527e4	0.113		6.14						YES
49	41	PFTeDA	713.0 > 669.0		9.751e3	0.113		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	6.808e3		0.113	680.656	5.63	5.58	6810	88.193	80.0		
51	83	d5-N-EtFOSAA-EIS	589. > 419	6.808e3		0.113	680.656	5.63	5.58	6810	88.193	80.0		
52	85	13C2-PFDoA-EIS	615 > 570	1.527e4		0.113	1620.087	5.93	5.88	15300	83.108	75.4		
53	85	13C2-PFDoA-EIS	615 > 570	1.527e4		0.113	1620.087	5.93	5.88	15300	83.108	75.4		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	9.751e3		0.113	1080.991	6.37	6.32	9750	79.536	72.2		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		2.945e3	0.113		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		3.138e3	0.113		6.15						YES
58	43	PFHxDA	813.1 > 768.6		1.288e4	0.113		6.61						YES
59	45	N-MeFOSE	616.1 > 58.9		4.694e3	0.113		6.32						
60	1...	TDCA	498.3>106.9			0.113		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	2.945e3		0.113	84.650	5.81	5.78	2940	306.720	23.3		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	3.138e3		0.113	120.333	6.18	6.17	3140	229.923	17.5		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.288e4		0.113	1527.484	6.65	6.61	12900	74.350	67.5		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	4.694e3		0.113	71.023	6.26	6.32	4690	582.704	44.3		
65	73	13C8-PFOS-EIS	507.0 > 80	2.983e3		0.113	253.261	5.04	4.99	2980	103.845	94.2		

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

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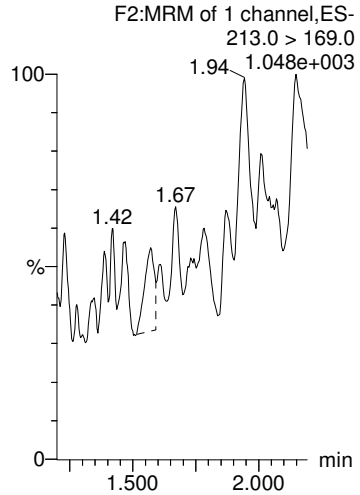
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 18:00:45
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

PFBA



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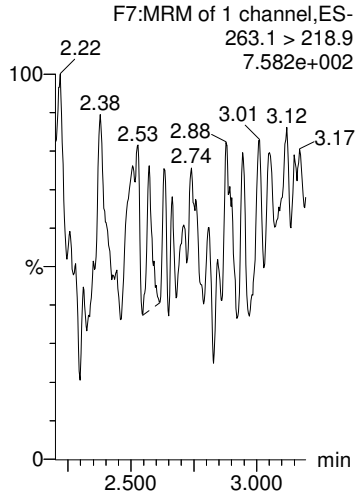

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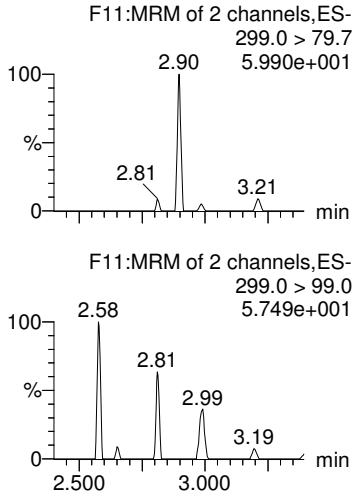
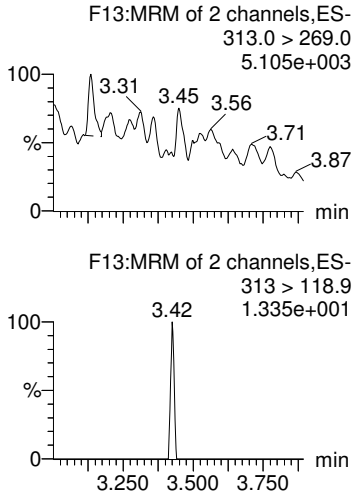
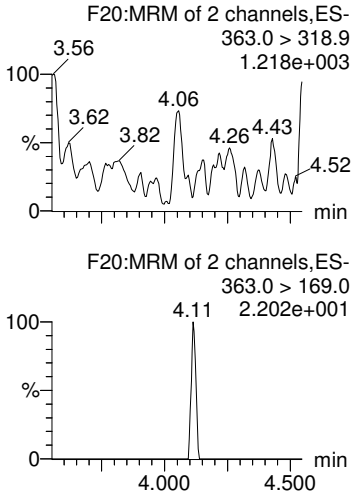


PFHxA



PFHpA



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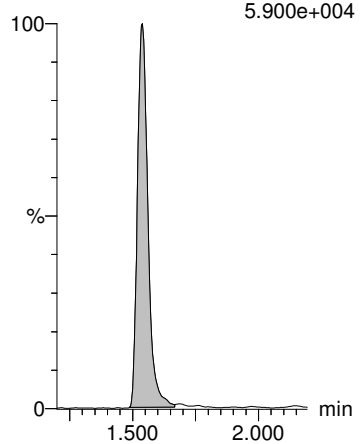

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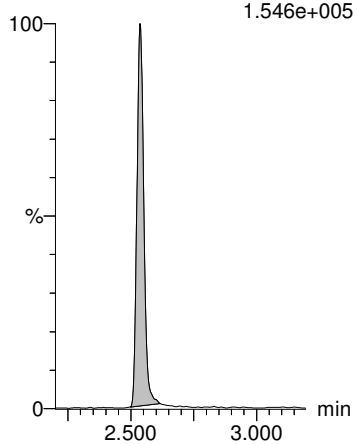

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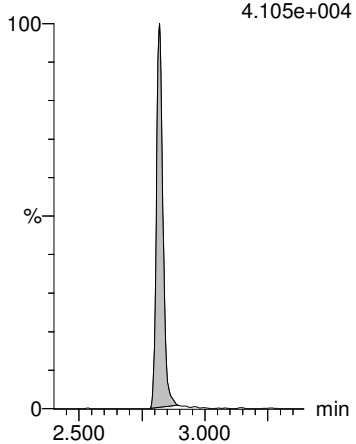

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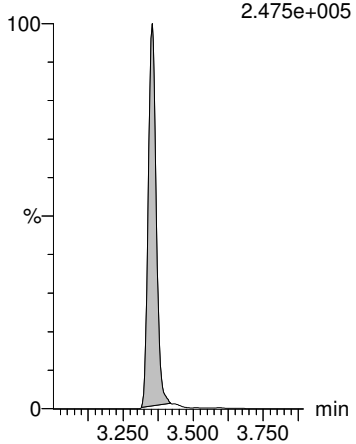
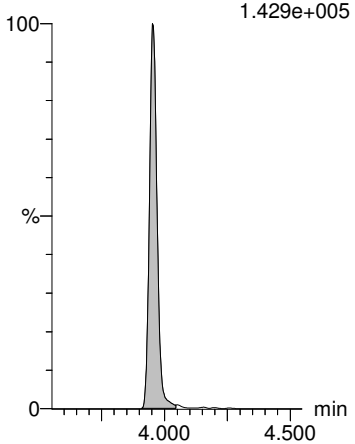


13C4-PFHpA-EIS



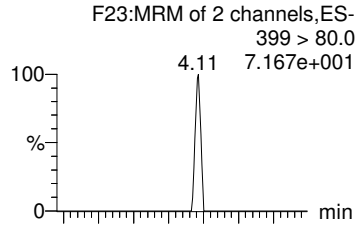
RK 7/2/2020

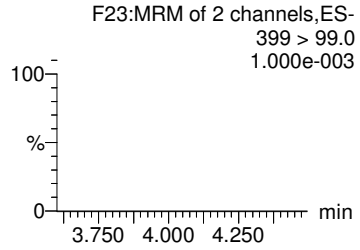
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

Last Altered: Thursday, July 02, 2020 18:02:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:03:37 Pacific Daylight Time

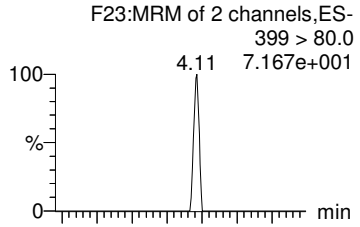
Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

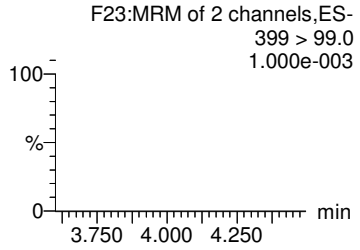
L-PFHxS



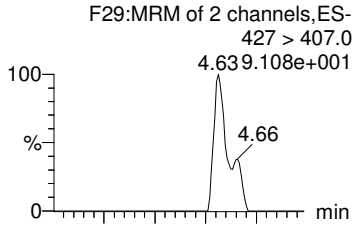


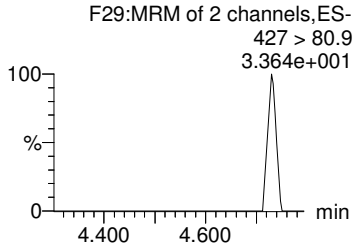
Total PFHxS



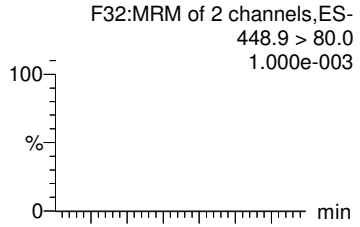


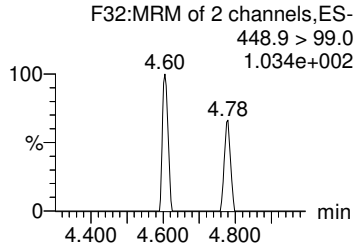
6:2 FTS





PFHpS





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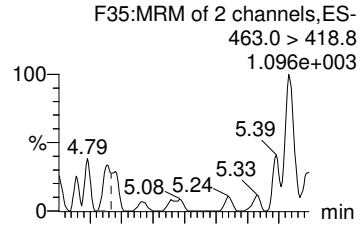
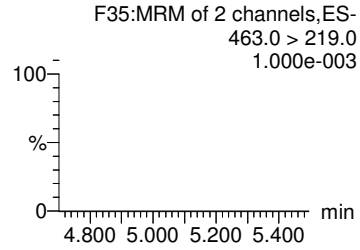
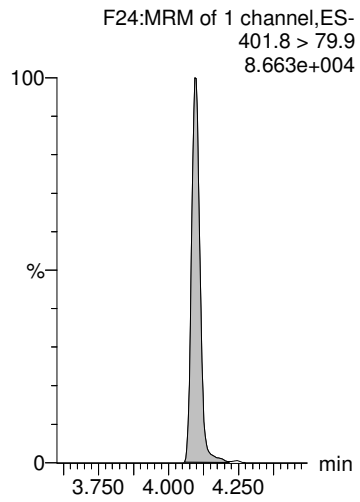




13C3-PFHxS-EIS



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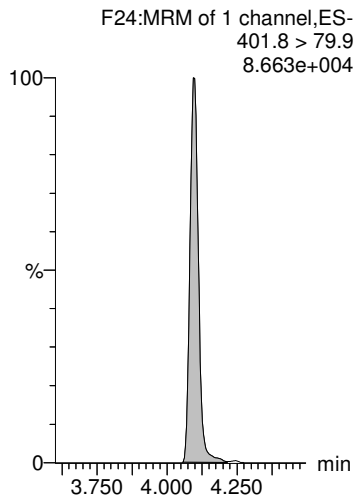
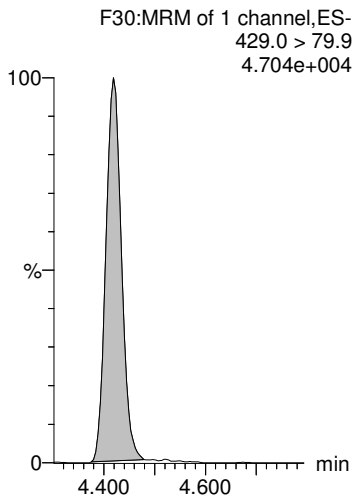
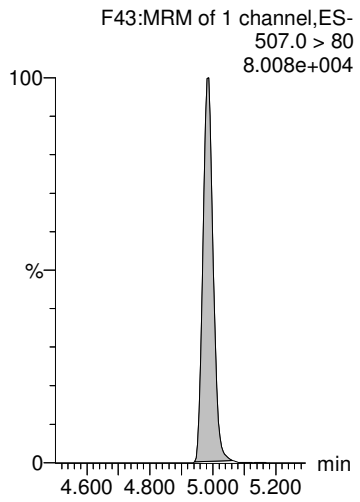


13C2-6:2 FTS-EIS



13C8-PFOS-EIS



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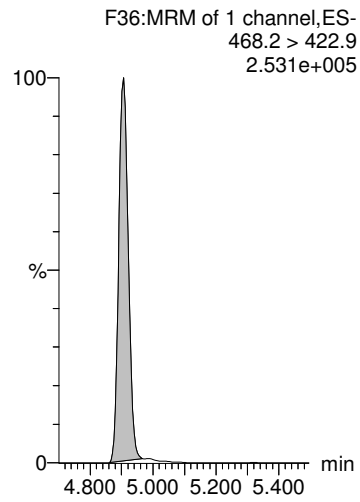
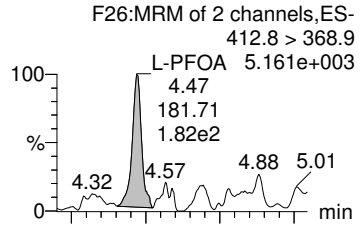


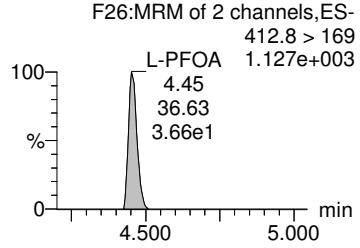
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

Last Altered: Thursday, July 02, 2020 18:02:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:03:37 Pacific Daylight Time

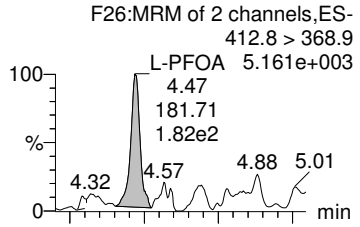
Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

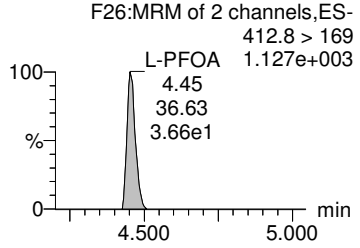
L-PFOA



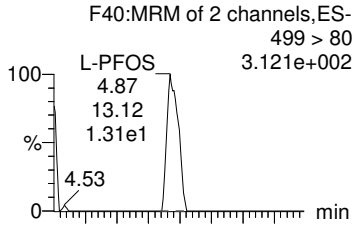


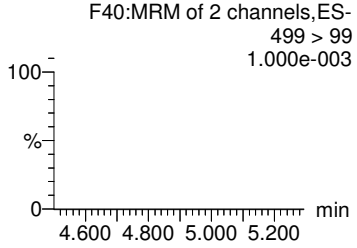
Total PFOA



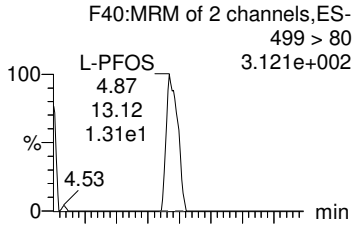


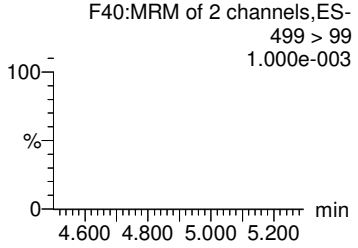
L-PFOS





Total PFOS





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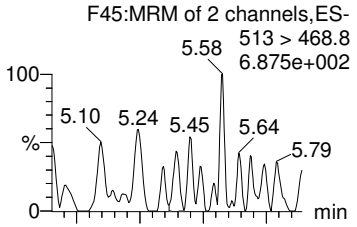

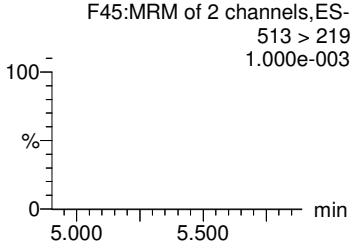

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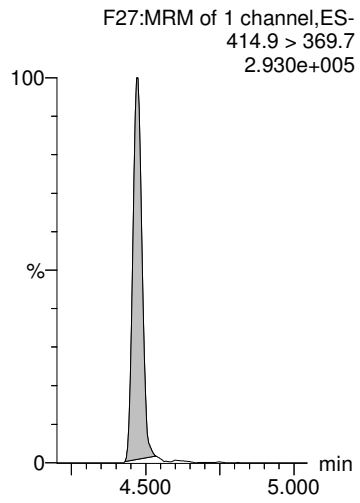
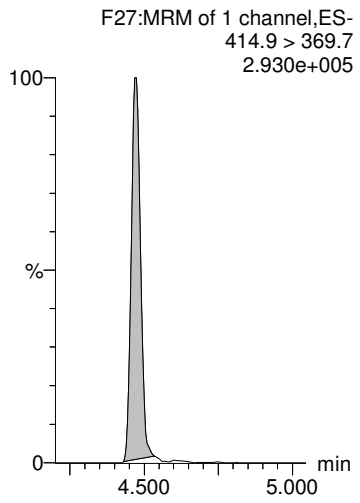


13C2-PFOA-EIS



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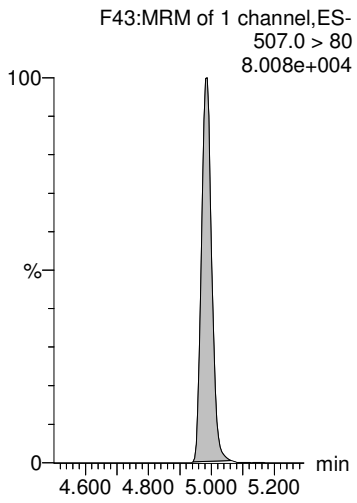

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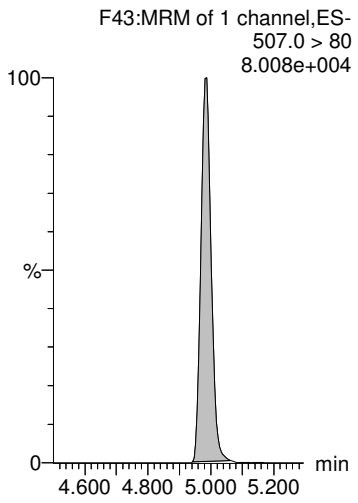
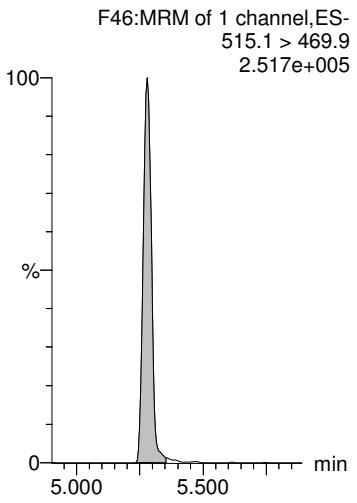


13C2-PFDA-EIS

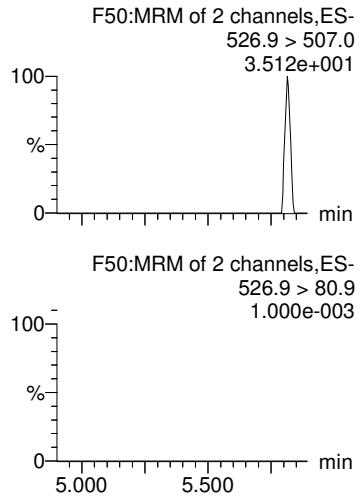


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

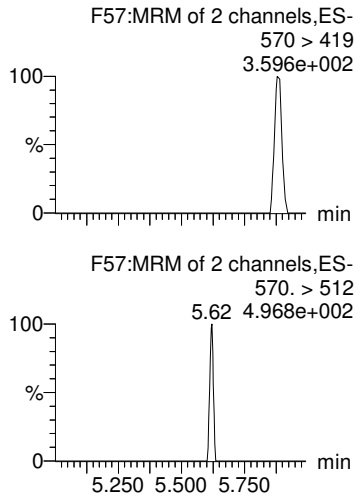
Last Altered: Thursday, July 02, 2020 18:02:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:03:37 Pacific Daylight Time

Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

8:2 FTS



L-MeFOSAA



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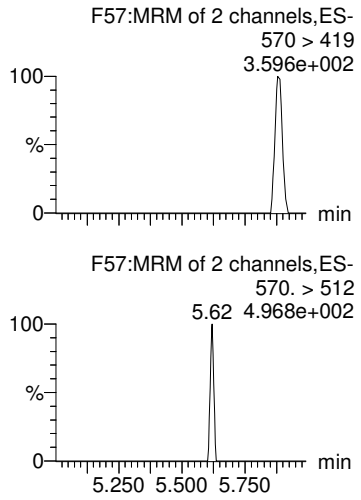
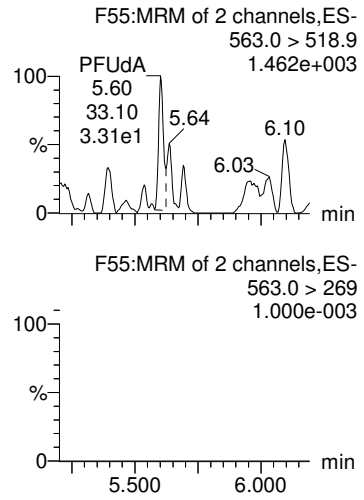


PFUdA



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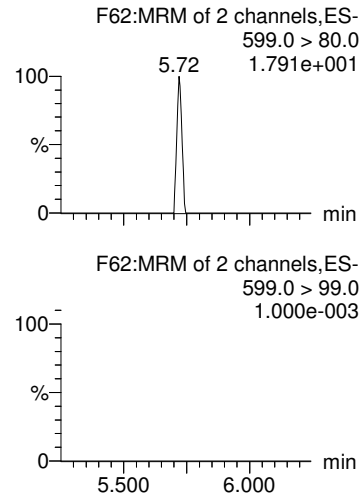
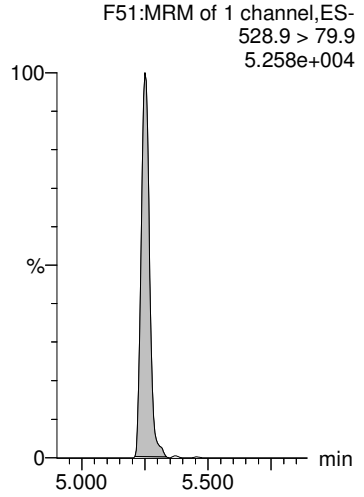


13C2-8:2 FTS-EIS



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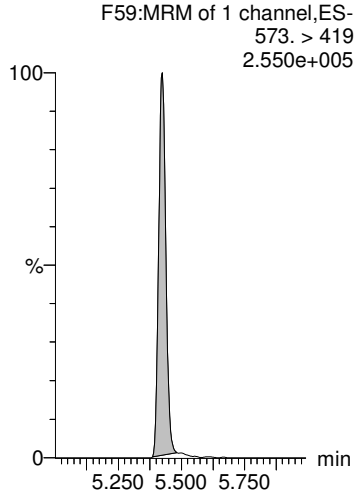

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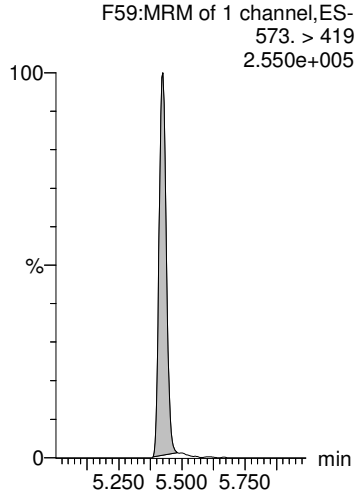

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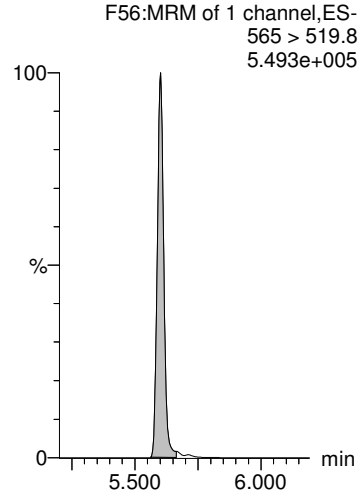
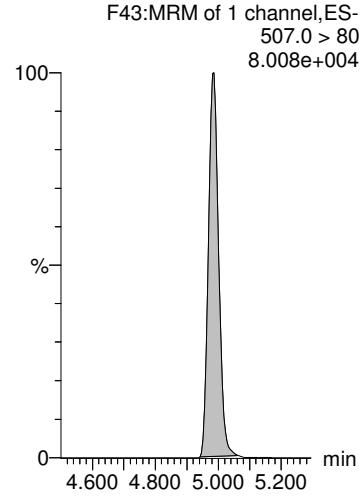


13C8-PFOS-EIS

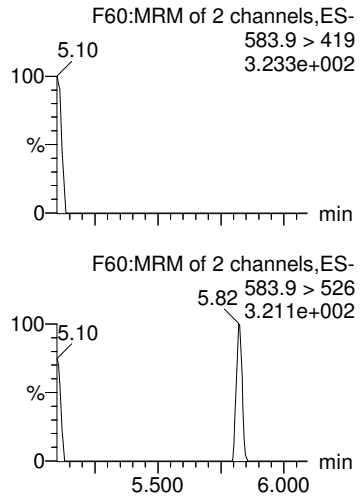


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

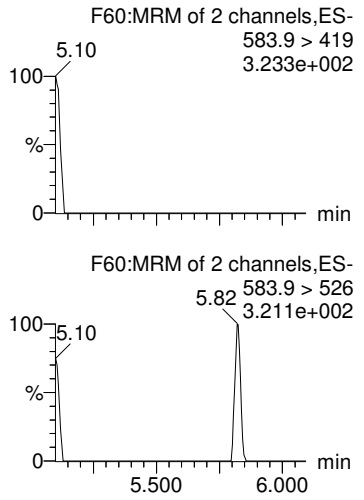
Last Altered: Thursday, July 02, 2020 18:02:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:03:37 Pacific Daylight Time

Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

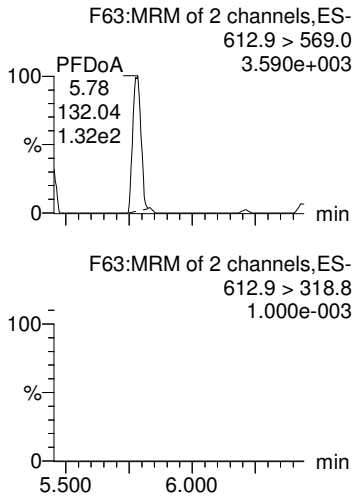
L-EtFOSAA



Total N-EtFOSAA



PFDoA



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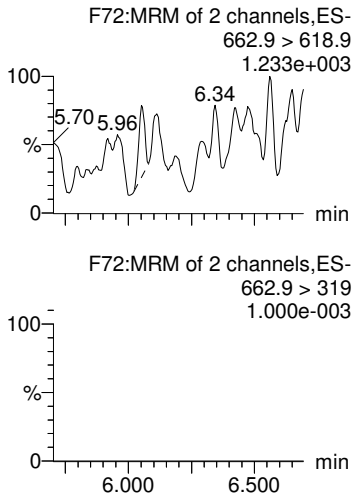
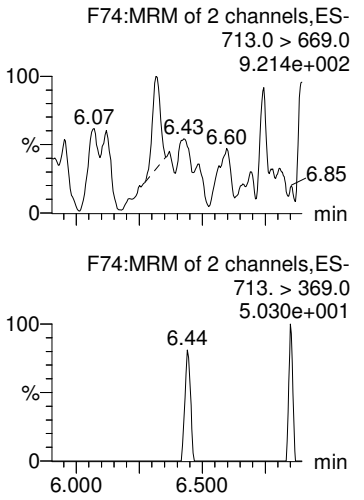
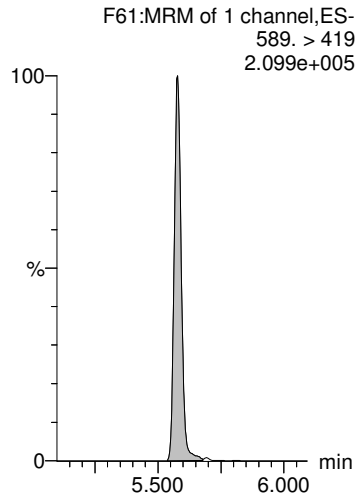


PFTeDA



d5-N-EtFOSAA-EIS



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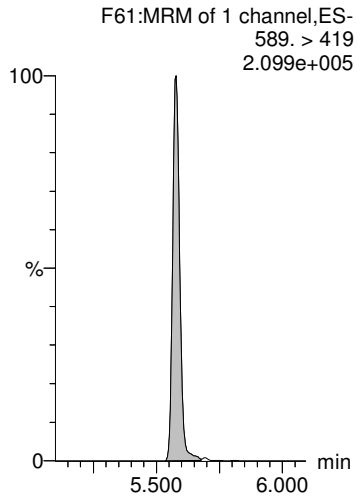
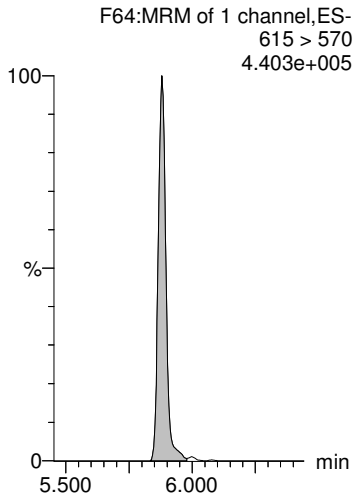


13C2-PFDoA-EIS



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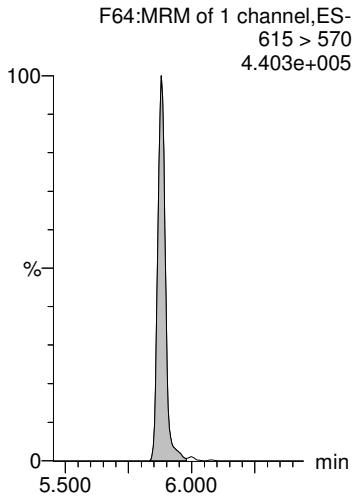

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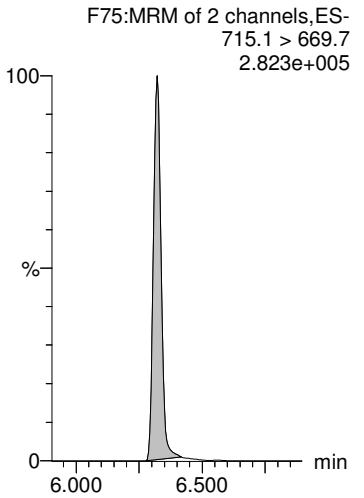
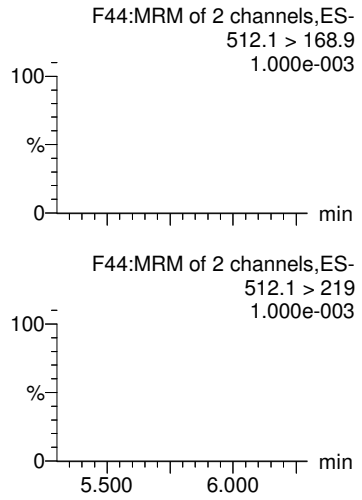


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-82.qld

Last Altered: Thursday, July 02, 2020 18:02:45 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:03:37 Pacific Daylight Time

Name: 200630M1_82, Date: 01-Jul-2020, Time: 05:24:18, ID: 2001271-06 GW-FPC-3B 0.11341, Description: GW-FPC-3B

N-MeFOSA



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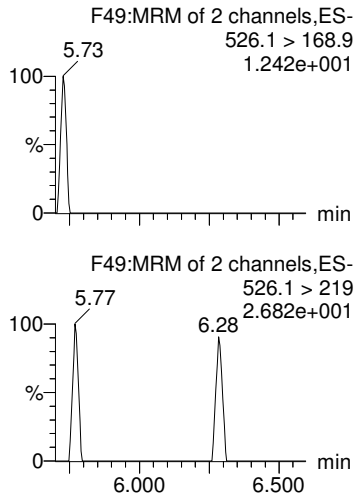

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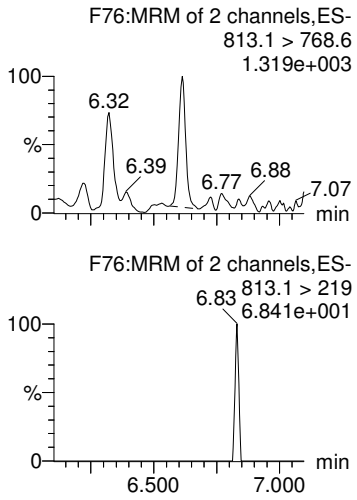
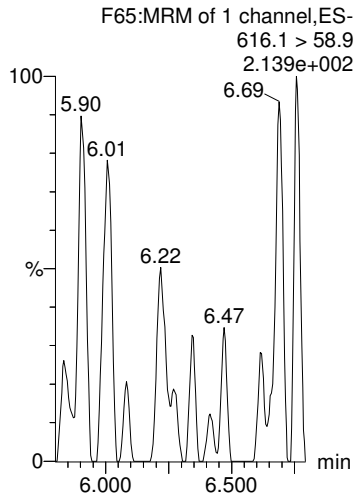
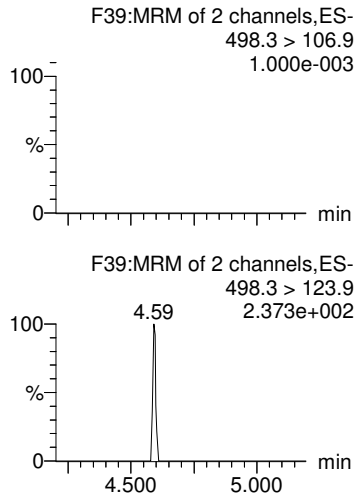


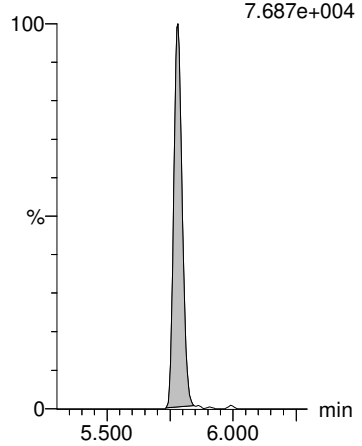
N-MeFOSE



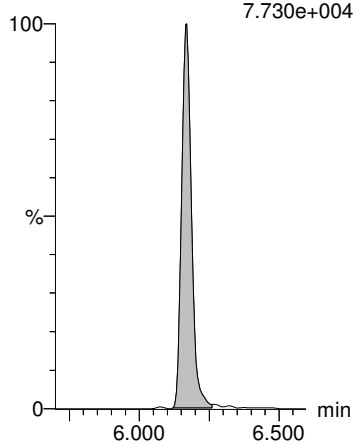
TDCA



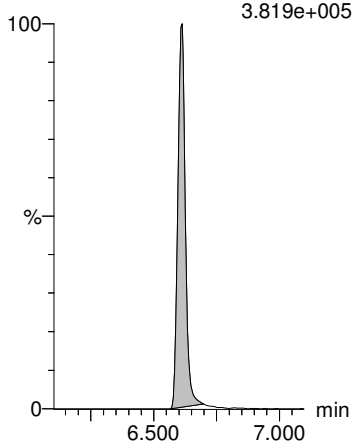
d3-N-MeFOSA-EIS



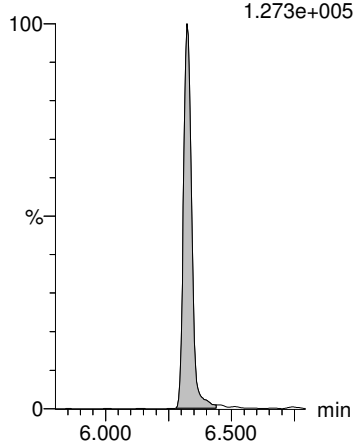
d5-N-ETFOSA-EIS



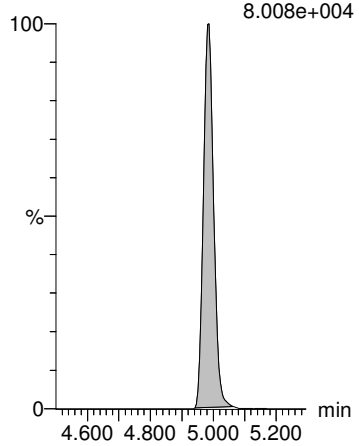
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-61.qld

Last Altered: Thursday, July 02, 2020 16:47:31 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:47:48 Pacific Daylight Time

Name: 200623P1-61, Date: 23-Jun-2020, Time: 21:25:54, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78		2.771e3	0.109		4.49						YES
2	46	N-EtFOSE	630.1 > 58.9		8.296e3	0.109		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	2.771e3		0.109	461.908	4.57	4.49	2770	54.806	48.0		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8.296e3		0.109	170.570	6.38	6.38	8300	444.425	32.6		
5	-1													

RK 7/2/2020

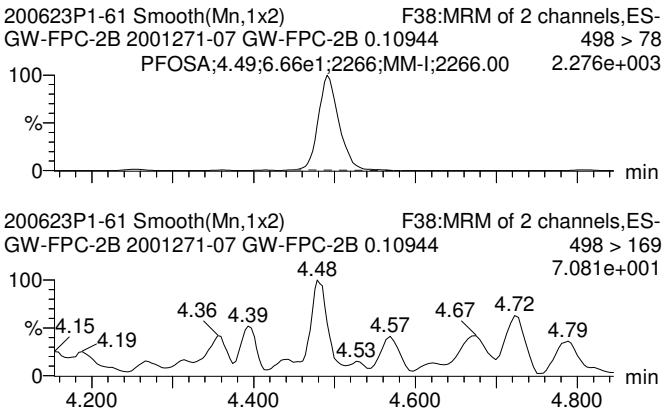
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-61.qld

Last Altered: Thursday, July 02, 2020 16:47:31 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:47:48 Pacific Daylight Time

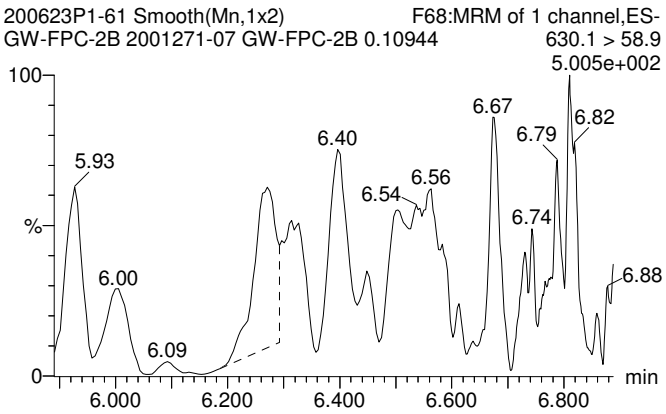
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:47:06
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-61, Date: 23-Jun-2020, Time: 21:25:54, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

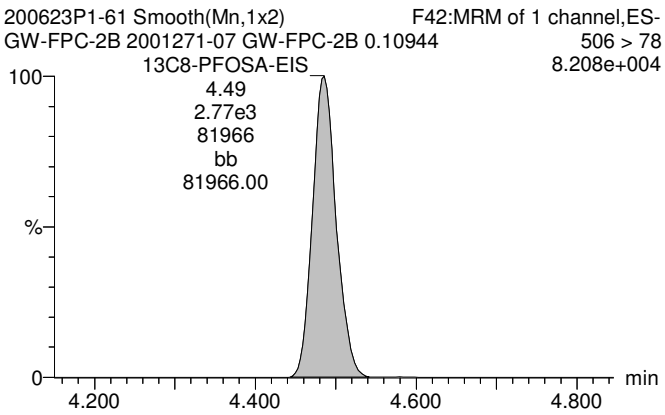
PFOSA



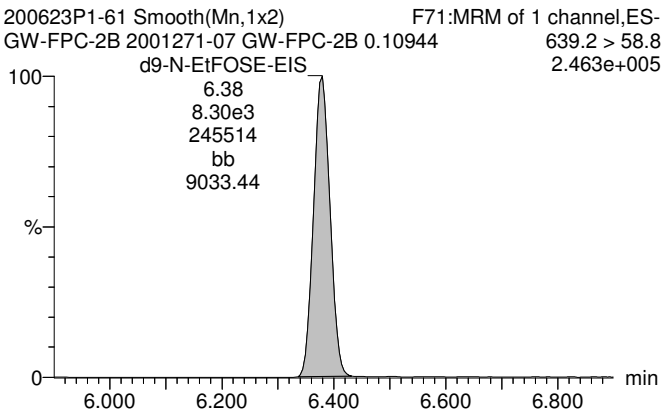
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

Last Altered: Thursday, July 02, 2020 18:08:43 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:09:39 Pacific Daylight Time

Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.519e2	3.480e3	0.109		1.54	1.53	0.546	3.113			
2	4	PFPeA	263.1 > 218.9	1.942e2	4.334e3	0.109		2.54	2.54	0.560	5.513			
3	5	PFBS	299.0 > 79.7		1.189e3	0.109		2.82						YES
4	7	PFHxA	313.0 > 269.0		7.373e3	0.109		3.35						YES
5	11	PFHpA	363.0 > 318.9	8.844e1	4.319e3	0.109		3.95	3.95	0.256	1.424		231	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.480e3		0.109	371.472	1.61	1.54	3480	85.608	75.0		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.334e3		0.109	440.123	2.61	2.54	4330	89.970	78.8		
8	51	13C3-PFBS-EIS	302.0 > 99	1.189e3		0.109	108.310	2.97	2.82	1190	100.309	87.8		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.373e3		0.109	775.415	3.41	3.35	7370	86.881	76.1		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.319e3		0.109	449.866	4.01	3.95	4320	87.718	76.8		
11	-1													
12	13	L-PFHxS	399 > 80.0	9.157e0	2.591e3	0.109		4.09	4.10	0.0442	0.716		4.04	NO
13	1...	Total PFHxS	399 > 80	9.157e0	2.591e3	0.109		3.83		0.0442	0.716			
14	15	6:2 FTS	427 > 407.0		1.592e3	0.109		4.41						YES
15	19	PFHpS	448.9 > 80.0		2.865e3	0.109		4.57						YES
16	21	PFNA	463.0 > 418.8		7.569e3	0.109		4.90						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.591e3		0.109	253.746	4.16	4.09	2590	93.318	81.7		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.591e3		0.109	253.746	4.16	4.09	2590	93.318	81.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.592e3		0.109	112.797	4.48	4.41	1590	128.941	112.9		
20	73	13C8-PFOS-EIS	507.0 > 80	2.865e3		0.109	253.261	5.04	4.98	2860	103.356	90.5		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.569e3		0.109	780.691	4.96	4.90	7570	88.591	77.6		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.881e2	1.047e4	0.109		4.47	4.46	0.225	0.902		4.48	NO
24	1...	Total PFOA	412.8 > 368.9	1.881e2	1.047e4	0.109		4.20		0.225	0.902			
25	23	L-PFOS	499 > 80	1.548e1	2.865e3	0.109		4.98	4.99	0.0676	1.468		1.08	NO
26	1...	Total PFOS	499 > 80	1.548e1	2.865e3	0.109		4.73		0.0676	1.468			
27	26	PFDA	513 > 468.8		7.856e3	0.109		5.27						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.047e4		0.109	1032.548	4.53	4.47	10500	92.645	81.1		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.047e4		0.109	1032.548	4.53	4.47	10500	92.645	81.1		
30	73	13C8-PFOS-EIS	507.0 > 80	2.865e3		0.109	253.261	5.04	4.98	2860	103.356	90.5		
31	73	13C8-PFOS-EIS	507.0 > 80	2.865e3		0.109	253.261	5.04	4.98	2860	103.356	90.5		
32	75	13C2-PFDA-EIS	515.1 > 469.9	7.856e3		0.109	863.274	5.33	5.27	7860	83.148	72.8		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		1.836e3	0.109		5.25						YES
35	29	L-MeFOSAA	570 > 419		7.655e3	0.109		5.42						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.655e3	0.109		5.17		0.000				

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

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Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.381e4	0.109		5.60						YES
38	34	PFDS	599.0 > 80.0		2.865e3	0.109		5.70						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	1.836e3		0.109	200.576	5.31	5.25	1840	83.657	73.2		
40	79	d3-N-MeFOSAA-EIS	573. > 419	7.655e3		0.109	772.961	5.48	5.42	7660	90.498	79.2		
41	79	d3-N-MeFOSAA-EIS	573. > 419	7.655e3		0.109	772.961	5.48	5.42	7660	90.498	79.2		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.381e4		0.109	1406.602	5.65	5.60	13800	89.725	78.6		
43	73	13C8-PFOS-EIS	507.0 > 80	2.865e3		0.109	253.261	5.04	4.98	2860	103.356	90.5		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		6.678e3	0.109		5.58						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	6.678e3	0.109		5.33		0.000				
47	37	PFDoA	612.9 > 569.0		1.426e4	0.109		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.426e4	0.109		6.14						YES
49	41	PFTeDA	713.0 > 669.0		9.419e3	0.109		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	6.678e3		0.109	680.656	5.63	5.58	6680	89.647	78.5		
51	83	d5-N-EtFOSAA-EIS	589. > 419	6.678e3		0.109	680.656	5.63	5.58	6680	89.647	78.5		
52	85	13C2-PFDoA-EIS	615 > 570	1.426e4		0.109	1620.087	5.93	5.88	14300	80.415	70.4		
53	85	13C2-PFDoA-EIS	615 > 570	1.426e4		0.109	1620.087	5.93	5.88	14300	80.415	70.4		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	9.419e3		0.109	1080.991	6.37	6.32	9420	79.616	69.7		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		6.545e2	0.109		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		6.104e2	0.109		6.14						YES
58	43	PFHxDA	813.1 > 768.6		1.214e4	0.109		6.61						YES
59	45	N-MeFOSE	616.1 > 58.9		3.297e3	0.109		6.32						
60	1...	TDCA	498.3>106.9			0.109		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	6.545e2		0.109	84.650	5.81	5.78	654	70.644	5.2		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	6.104e2		0.109	120.333	6.18	6.16	610	46.351	3.4		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.214e4		0.109	1527.484	6.65	6.61	12100	72.650	63.6		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	3.297e3		0.109	71.023	6.25	6.32	3300	424.143	31.1		
65	73	13C8-PFOS-EIS	507.0 > 80	2.865e3		0.109	253.261	5.04	4.98	2860	103.356	90.5		

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

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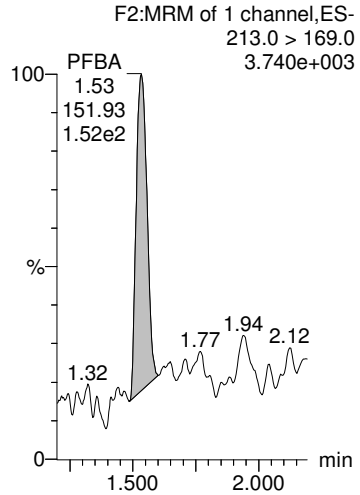
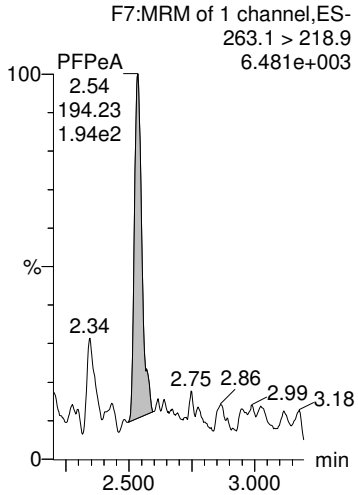
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 18:05:08
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

PFBA



PFPeA



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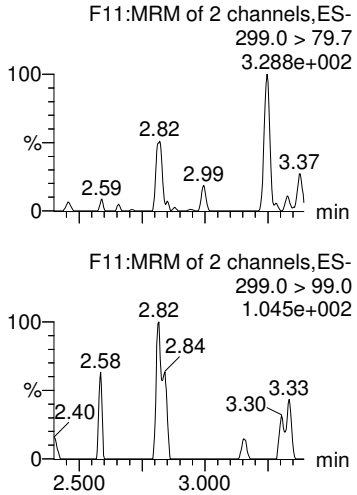
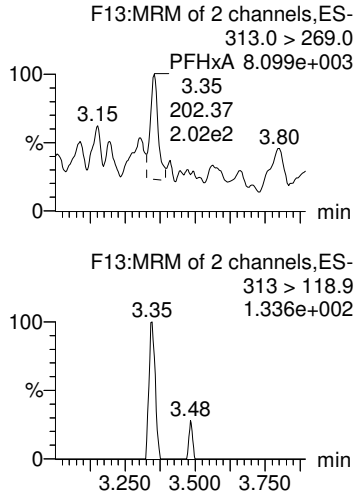
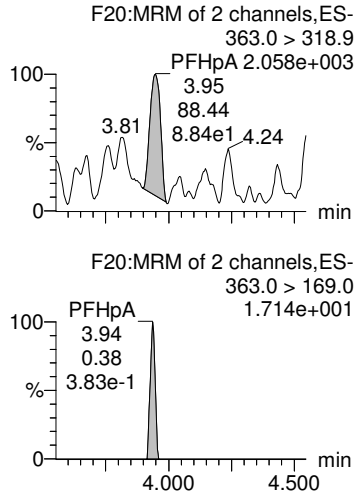


PFHxA



PFHpA



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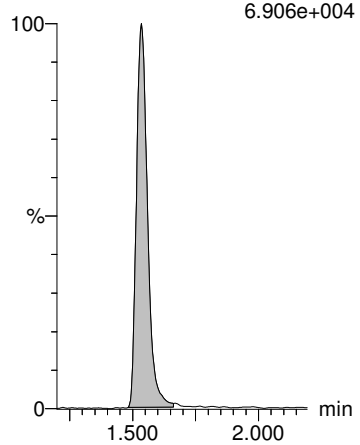
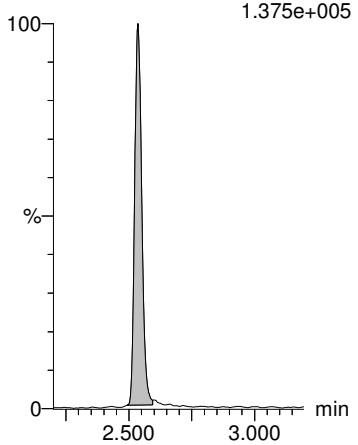


13C3-PFPeA-EIS



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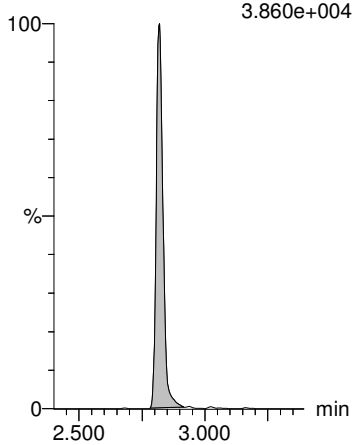

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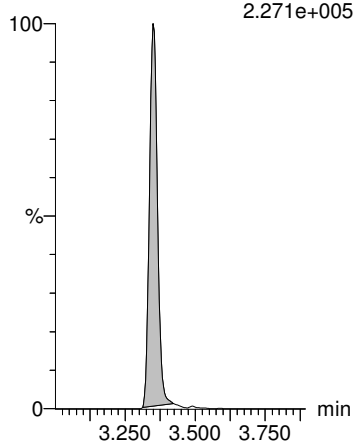
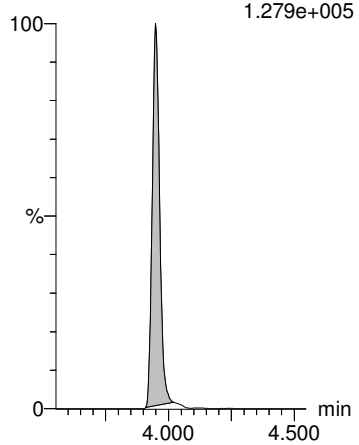


13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

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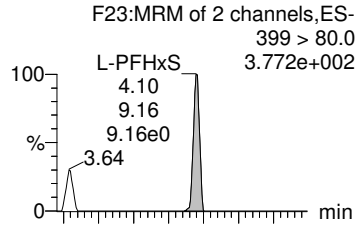
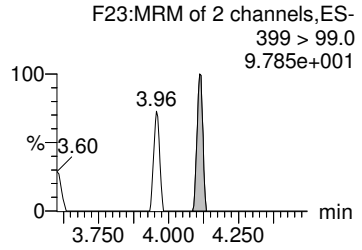
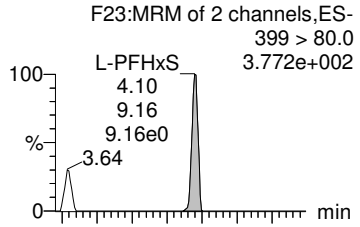
Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

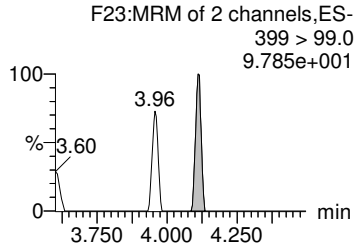
L-PFHxS



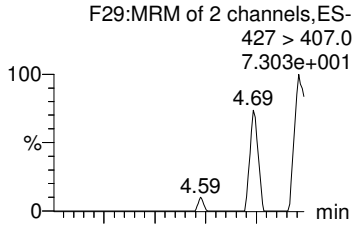


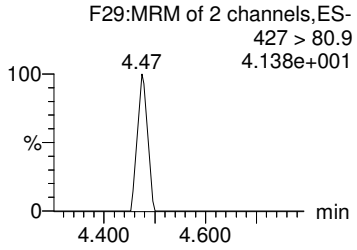
Total PFHxS



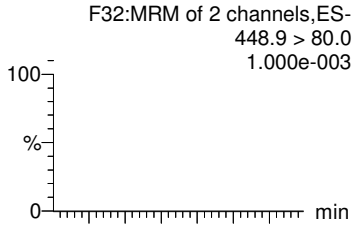


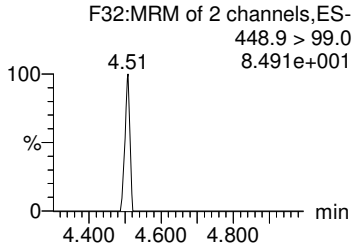
6:2 FTS





PFHpS





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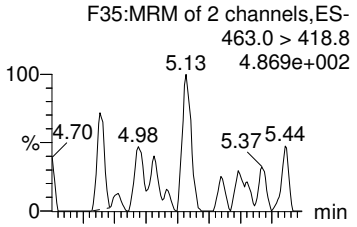
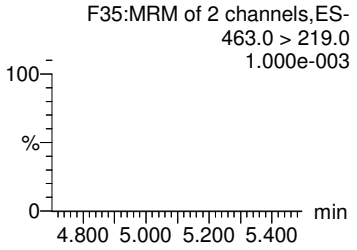
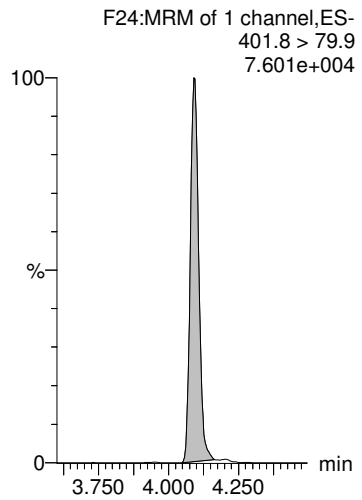




13C3-PFHxS-EIS



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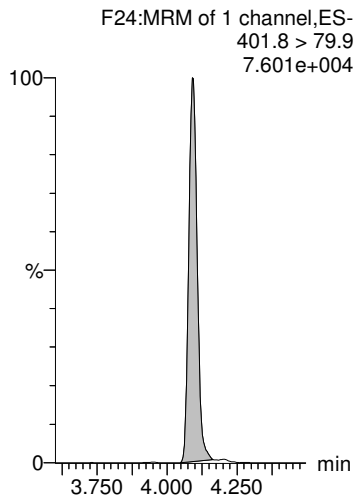
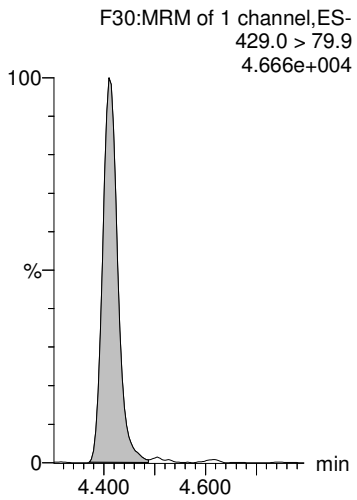
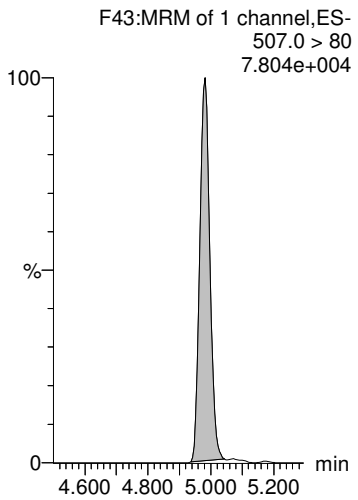


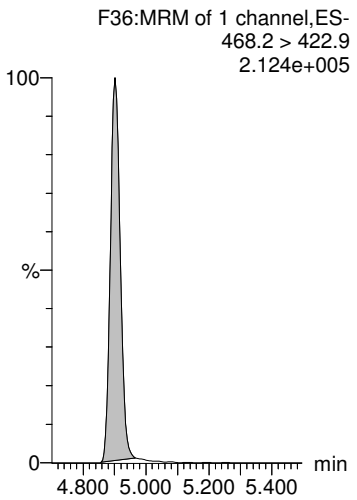
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

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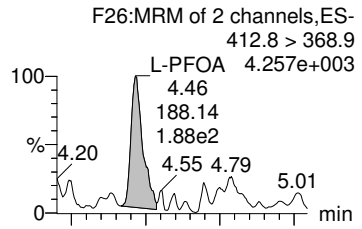
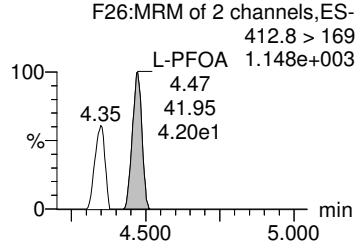
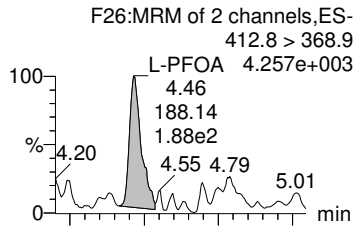
Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

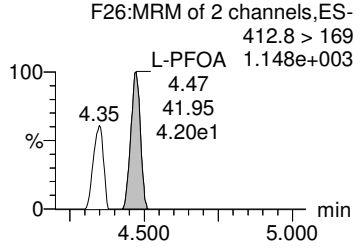
L-PFOA



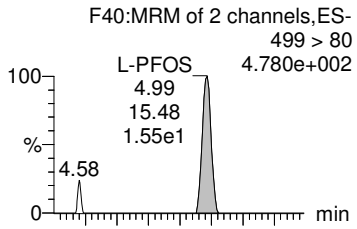


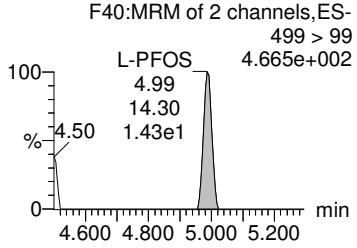
Total PFOA



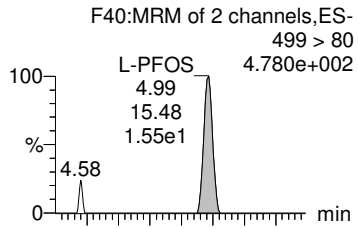


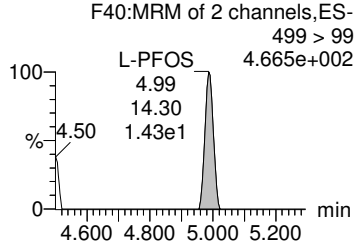
L-PFOS



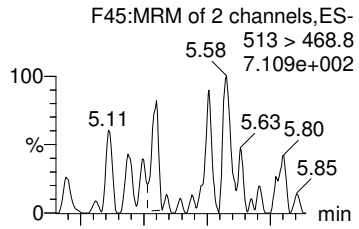


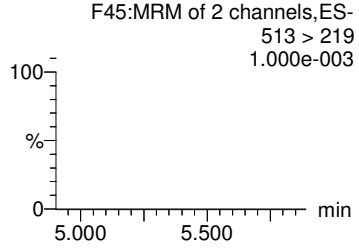
Total PFOS



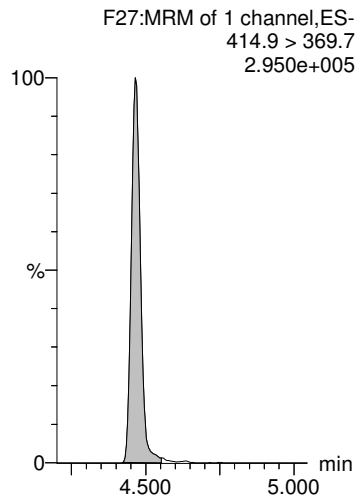


PFDA

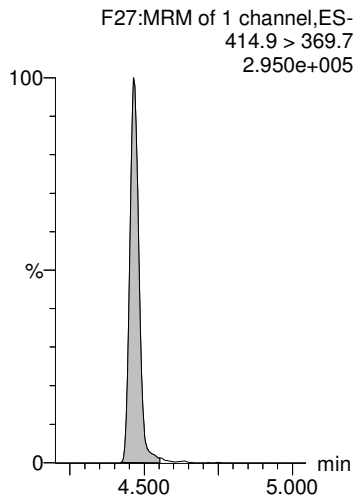




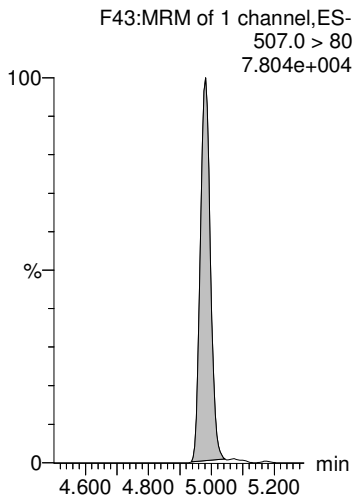
13C2-PFOA-EIS



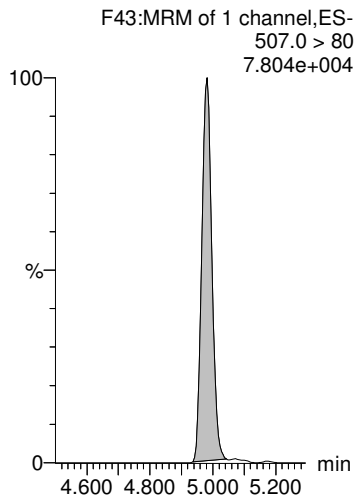
13C2-PFOA-EIS



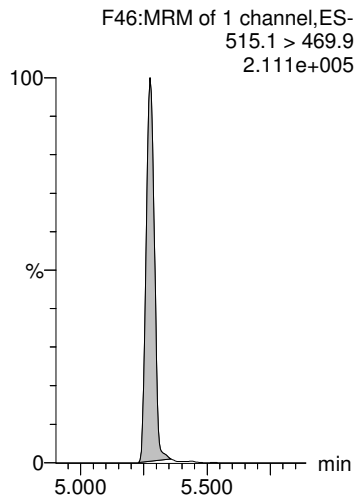
13C8-PFOS-EIS



13C8-PFOS-EIS



13C2-PFDA-EIS

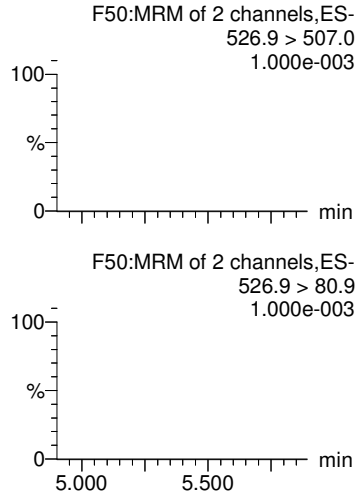


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

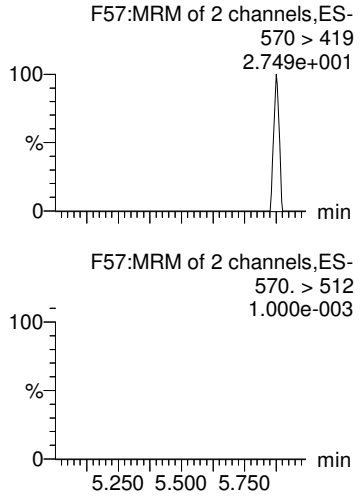
Last Altered: Thursday, July 02, 2020 18:08:43 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:09:39 Pacific Daylight Time

Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

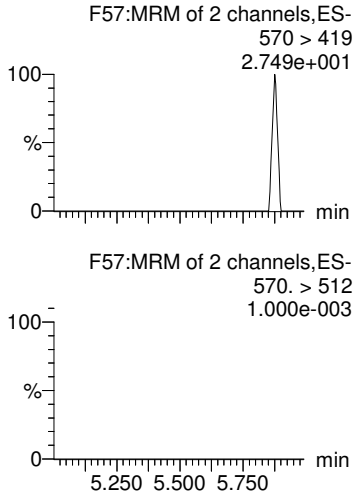
8:2 FTS



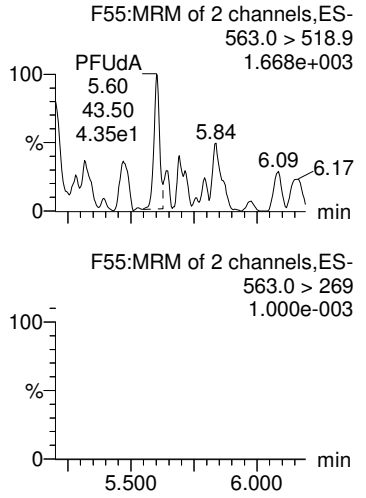
L-MeFOSAA



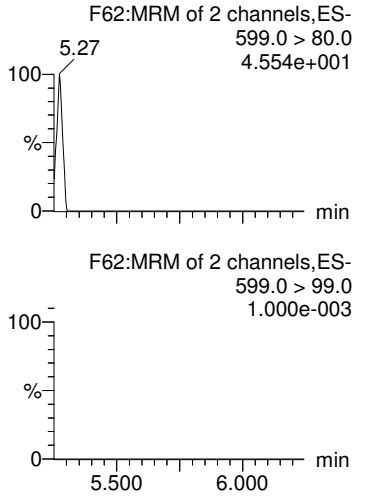
Total N-MeFOSAA



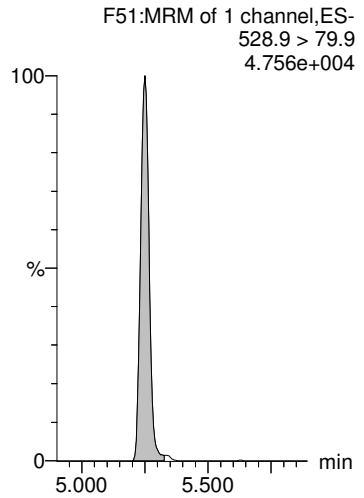
PFUdA



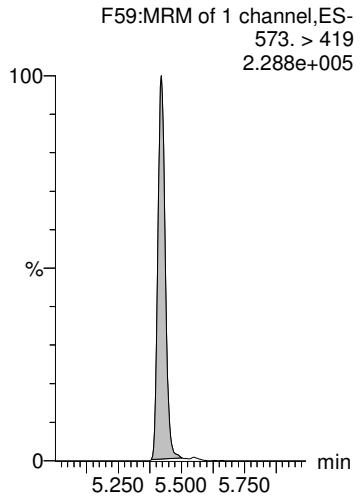
PFDS



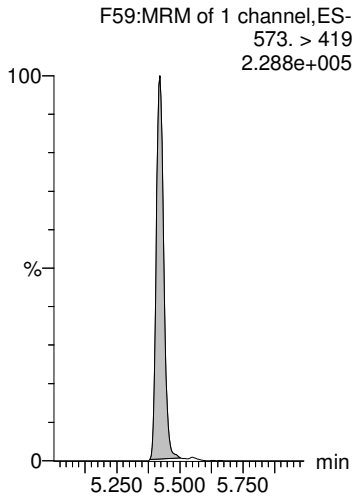
13C2-8:2 FTS-EIS



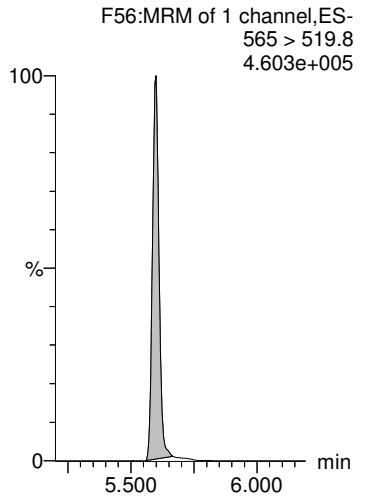
d3-N-MeFOSAA-EIS



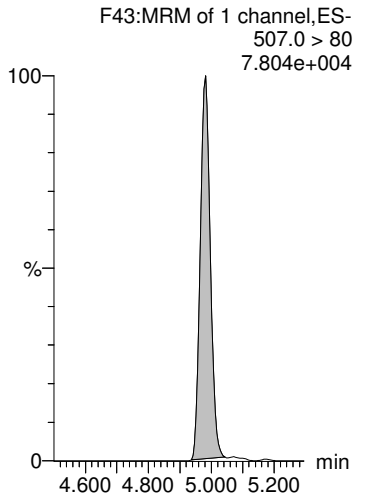
d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



13C8-PFOS-EIS



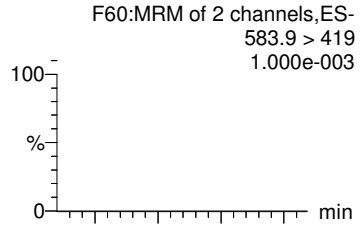
RK 7/2/2020

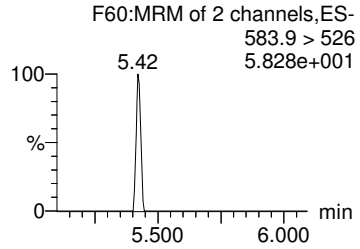
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

Last Altered: Thursday, July 02, 2020 18:08:43 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:09:39 Pacific Daylight Time

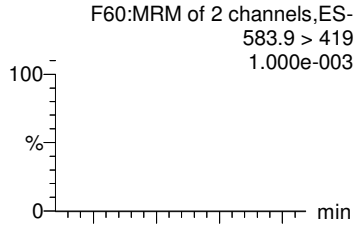
Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

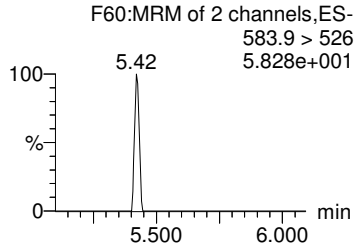
L-EtFOSAA



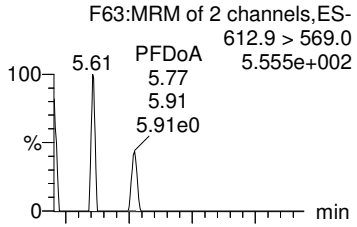


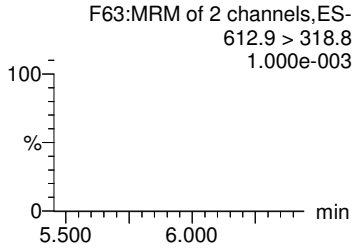
Total N-EtFOSAA



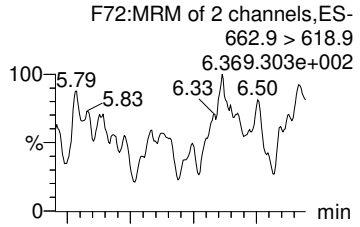


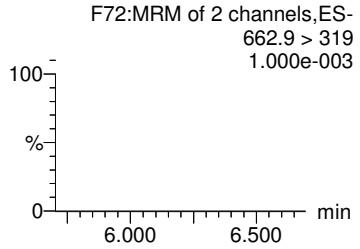
PFDoA



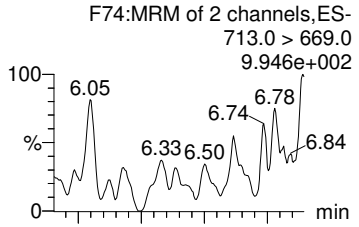


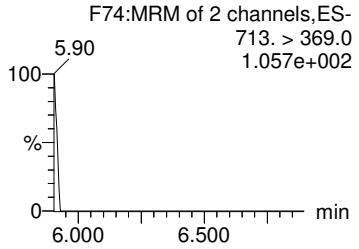
PFTrDA



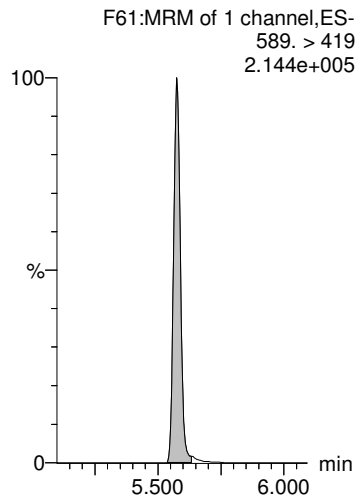


PFTeDA

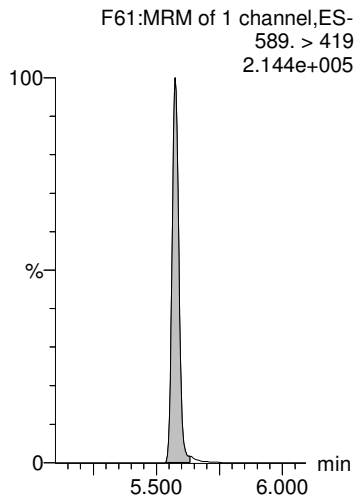




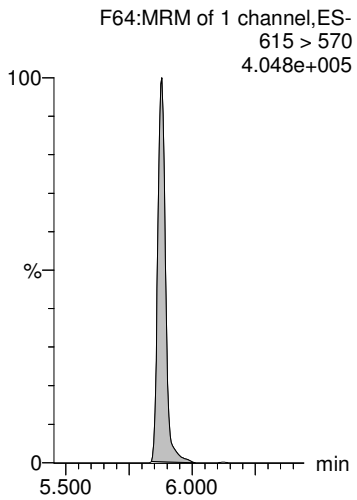
d5-N-EtFOSAA-EIS



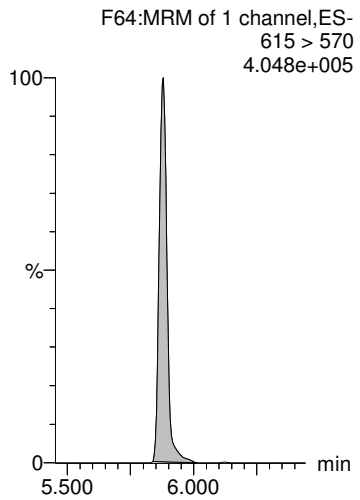
d5-N-EtFOSAA-EIS



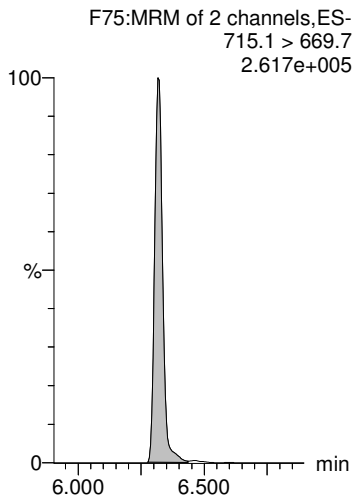
13C2-PFDoA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



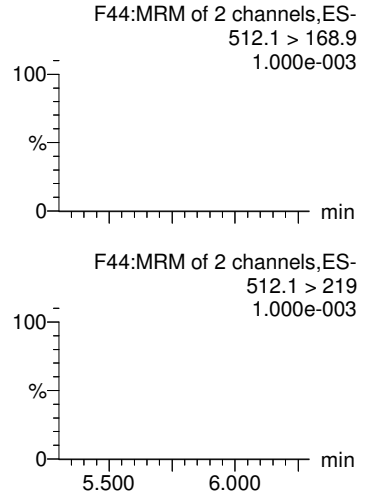
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-85.qld

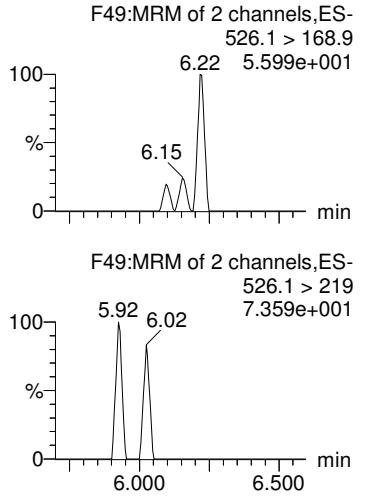
Last Altered: Thursday, July 02, 2020 18:08:43 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:09:39 Pacific Daylight Time

Name: 200630M1_85, Date: 01-Jul-2020, Time: 05:55:31, ID: 2001271-07 GW-FPC-2B 0.10944, Description: GW-FPC-2B

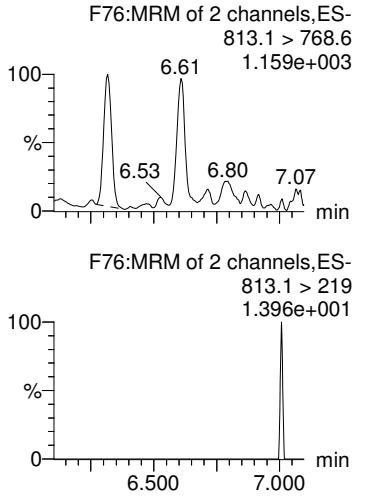
N-MeFOSA



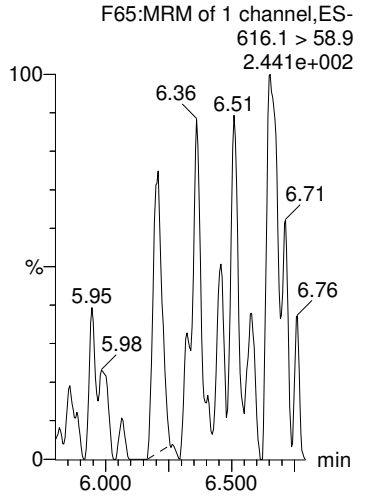
N-EtFOSA



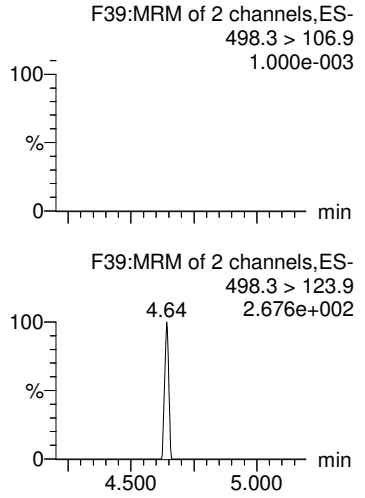
PFHxDA



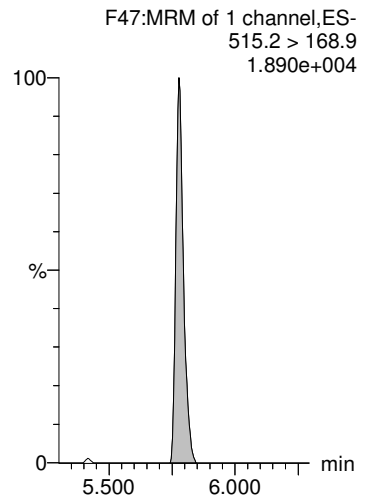
N-MeFOSE



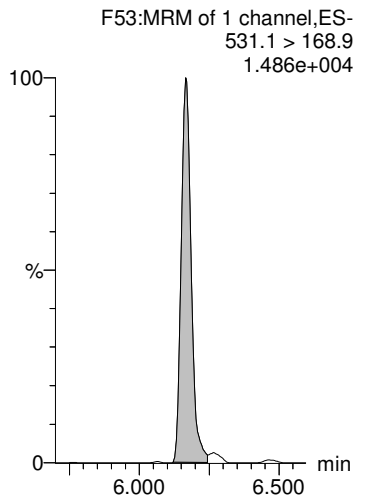
TDCA



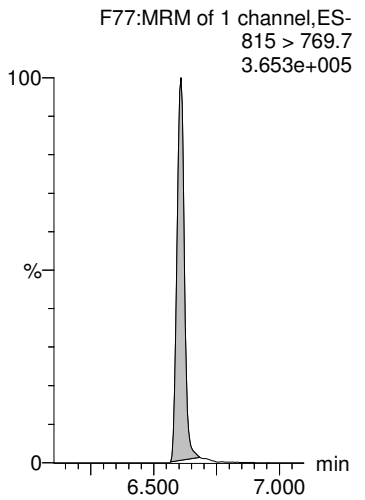
d3-N-MeFOSA-EIS



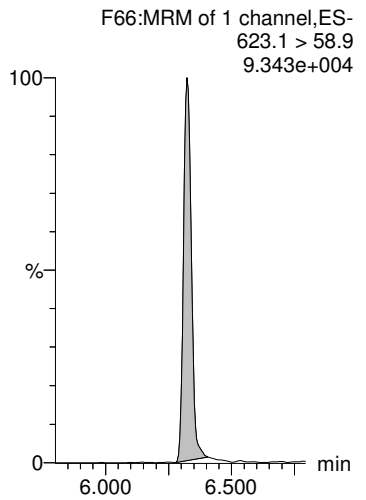
d5-N-ETFOSA-EIS



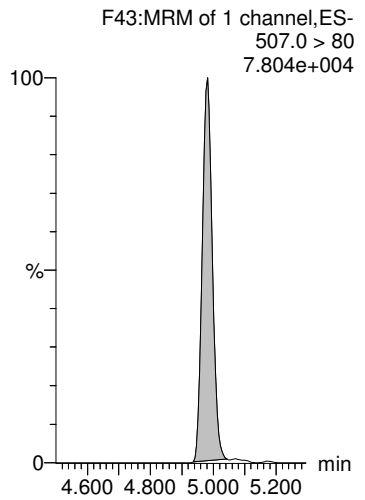
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



13C8-PFOS-EIS



RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	2.950e2	7.353e3	0.119		1.12	1.12	0.501	4.542			
2	4	PFPeA	263.1 > 218.9	5.438e2	1.049e4	0.119		2.06	2.06	0.648	5.847			
3	5	PFBS	299.0 > 80	8.800e0	1.206e3	0.119		2.35	2.34	0.0912	0.524		1.99	NO
4	7	PFHxA	313.0 > 269.0	2.113e2	1.193e4	0.119		2.86	2.86	0.221	1.181		23.5	NO
5	11	PFHpA	363.0 > 319		1.060e4	0.119		3.48						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	7.353e3		0.119	393.057	1.28	1.12	7350	156.790	149.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.049e4		0.119	796.765	2.03	2.06	10500	110.352	105.3		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1.206e3		0.119	98.097	2.32	2.35	1210	103.053	98.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	1.193e4		0.119	1063.411	2.84	2.86	11900	94.024	89.8		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	1.060e4		0.119	941.251	3.46	3.48	10600	94.405	90.1		
11	-1													
12	13	L-PFHxS	399 > 79.9		2.375e3	0.119		3.63						YES
13	1...	Total PFHxS	399 > 79.9	0.000e0	2.375e3	0.119		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		1.230e3	0.119		3.93						YES
15	19	PFHpS	449.0 > 80		2.297e3	0.119		4.12						YES
16	21	PFNA	463.0 > 418.8		1.295e4	0.119		4.44						YES
17	61	13C3-PFHxS-EIS	402 > 80	2.375e3		0.119	204.440	3.77	3.63	2370	97.345	92.9		
18	61	13C3-PFHxS-EIS	402 > 80	2.375e3		0.119	204.440	3.77	3.63	2370	97.345	92.9		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.230e3		0.119	119.666	3.91	3.93	1230	86.139	82.2		
20	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.295e4		0.119	1067.216	4.62	4.44	12900	101.674	97.1		
22	-1													
23	16	L-PFOA	413 > 369	1.816e2	1.155e4	0.119		3.99	3.99	0.197	1.358		2.60	NO
24	1...	Total PFOA	413 > 369	1.816e2	1.155e4	0.119		4.60		0.197	1.358			
25	23	L-PFOS	499 > 80	3.487e1	2.297e3	0.119		4.53	4.54	0.190	1.658		2.66	NO
26	1...	Total PFOS	499> 80	3.487e1	2.297e3	0.119		4.60		0.190	1.658			
27	22	PFOSA	498 > 78	1.422e2	3.615e3	0.119		4.49	4.49	0.492	6.062		42.1	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.155e4		0.119	1012.161	4.06	3.99	11600	95.647	91.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.155e4		0.119	1012.161	4.06	3.99	11600	95.647	91.3		
30	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		
31	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		
32	67	13C8-PFOSA-EIS	506 > 78	3.615e3		0.119	433.516	4.57	4.49	3610	69.877	66.7		
33	-1													
34	26	PFDA	513 > 469		1.510e4	0.119		4.83						YES
35	27	8:2 FTS	526.8 > 506.9		1.481e3	0.119		4.79						YES
36	29	L-MeFOSAA	570 > 419		3.453e3	0.119		4.98						YES

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	3.453e3	0.119		5.19		0.000				
38	33	PFUdA	563.0 > 519		1.290e4	0.119		5.16						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.510e4		0.119	1298.898	4.81	4.83	15100	97.444	93.0		
40	75	13C2-8:2 FTS-EIS	529 > 80	1.481e3		0.119	117.580	4.96	4.79	1480	105.549	100.8		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.453e3		0.119	312.115	5.05	4.98	3450	92.707	88.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.453e3		0.119	312.115	5.05	4.98	3450	92.707	88.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.290e4		0.119	1115.758	5.15	5.16	12900	96.923	92.5		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		3.687e3	0.119		5.15						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	3.687e3	0.119		5.37		0.000				
47	34	PFDS	598.8 >79.9		2.297e3	0.119		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.424e4	0.119		5.45						YES
49	39	PFTrDA	662.9 > 618.9		1.424e4	0.119		5.70						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.687e3		0.119	339.207	5.40	5.15	3690	91.086	86.9		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.687e3		0.119	339.207	5.40	5.15	3690	91.086	86.9		
52	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.424e4		0.119	1391.033	5.58	5.45	14200	85.799	81.9		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	1.424e4		0.119	1391.033	5.58	5.45	14200	85.799	81.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.375e4	0.119		5.93						YES
57	38	N-MeFOSA	512.1 > 168.9		3.728e3	0.119		5.55						YES
58	42	N-EtFOSA	526.1 > 168.9		3.520e3	0.119		6.01						YES
59	43	PFHxDA	813 > 769		1.657e4	0.119		6.29						YES
60	45	N-MeFOSE	616.1 > 58.9		9.628e3	0.119		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.375e4		0.119	1441.780	5.92	5.93	13700	79.924	76.3		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.728e3		0.119	124.342	5.42	5.56	3730	251.300	20.1		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.520e3		0.119	152.485	6.02	6.03	3520	193.487	15.5		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.657e4		0.119	1640.473	6.28	6.29	16600	84.669	80.8		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	9.628e3		0.119	141.623	6.25	6.25	9630	569.770	45.6		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		1.121e4	0.119		6.40						
68	1...	TDCA	498.3>106.9			0.119		4.47						YES
69	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		
70	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		
71	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.121e4		0.119	157.642	6.40	6.40	11200	596.058	47.7		

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	2.297e3		0.119	227.159	4.52	4.53	2300	84.758	80.9		

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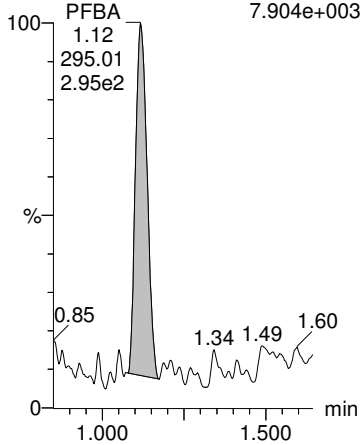
Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

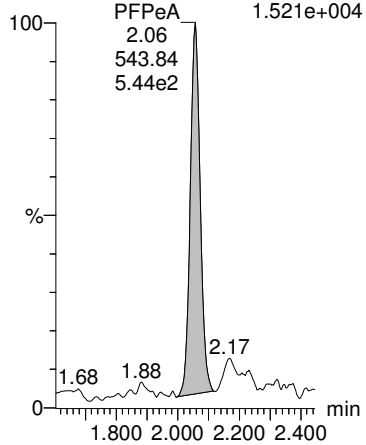
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 02 Jul 2020 18:47:41
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

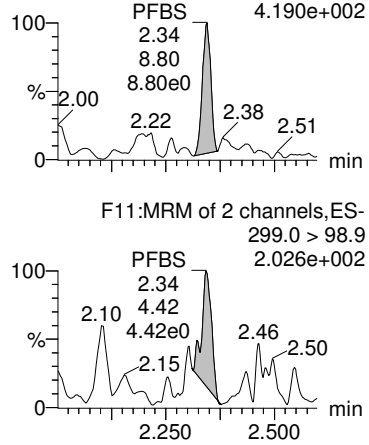
PFBA



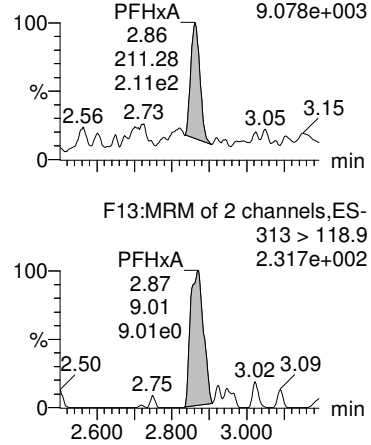
PFPeA



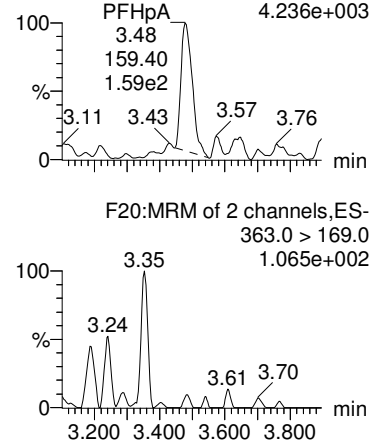
PFBS



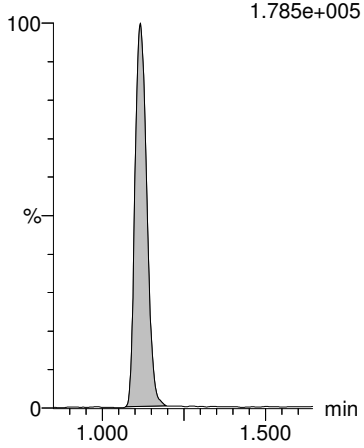
PFHxA



PFHpA



13C3-PFBA-EIS



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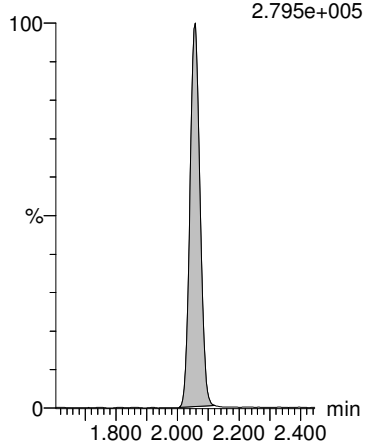

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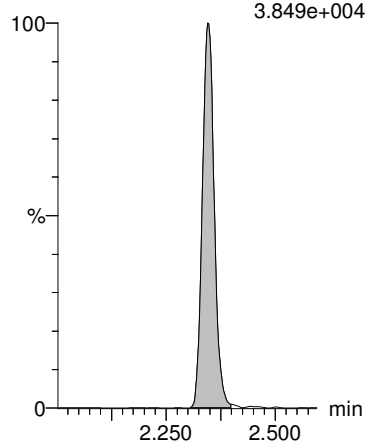

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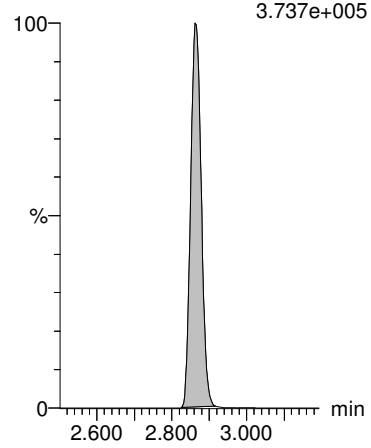

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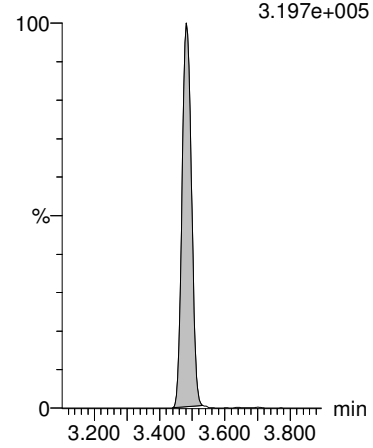
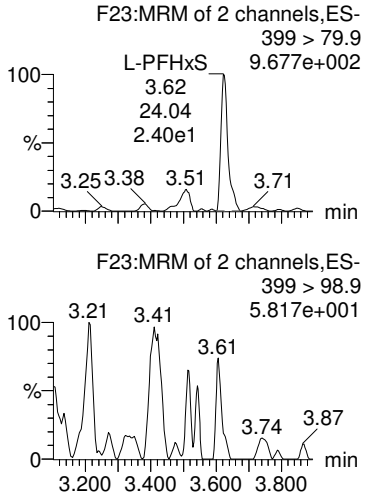


Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

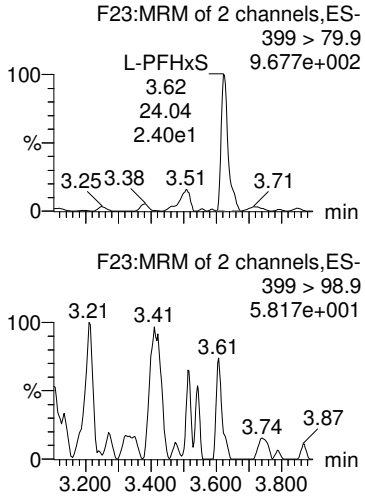
Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

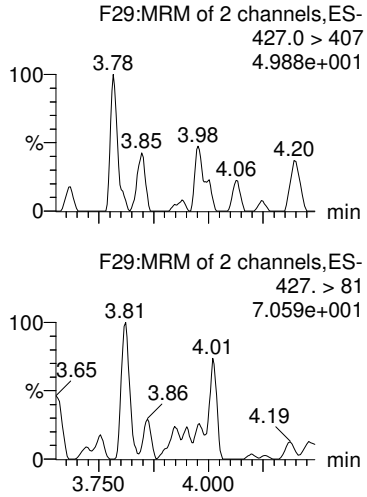
L-PFHxS



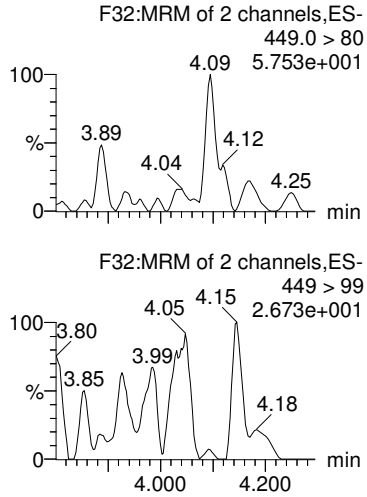
Total PFHxS



6:2 FTS



PFHpS



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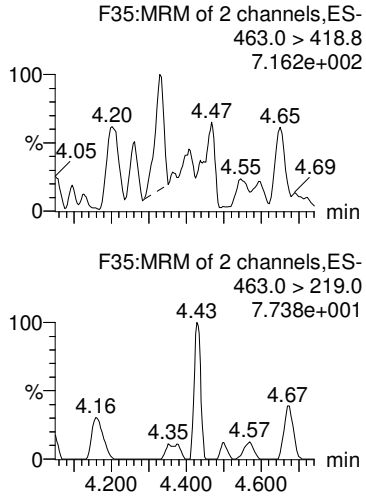

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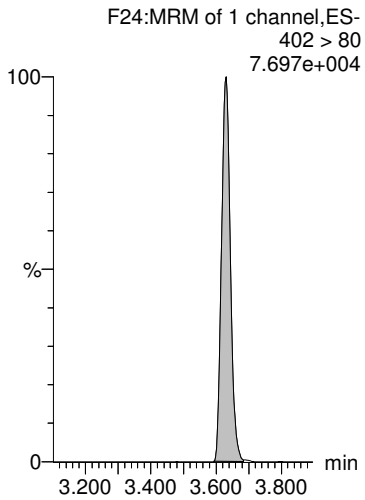

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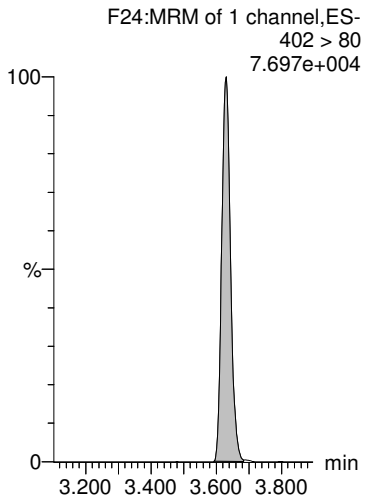
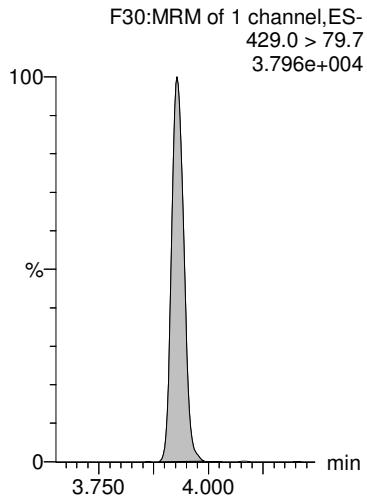
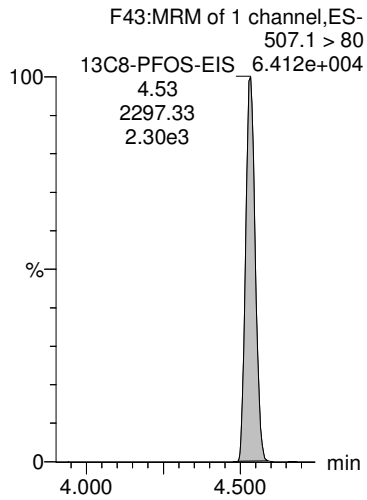


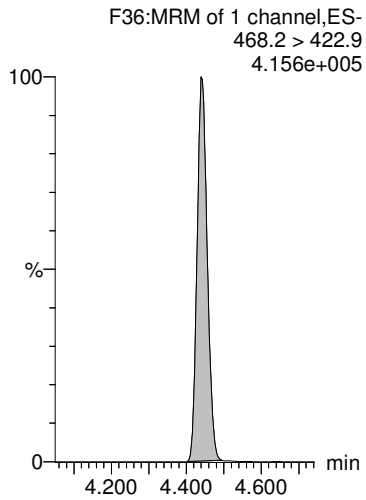
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

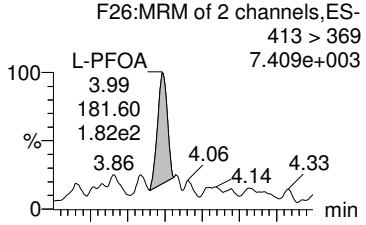


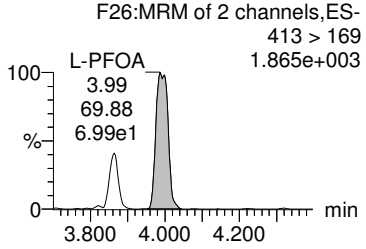
Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

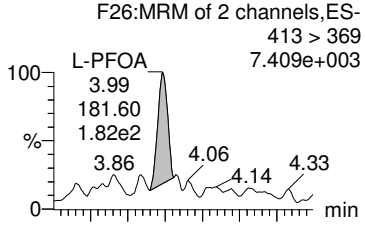
Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

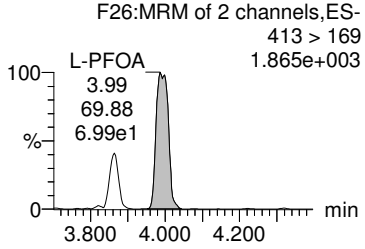
L-PFOA



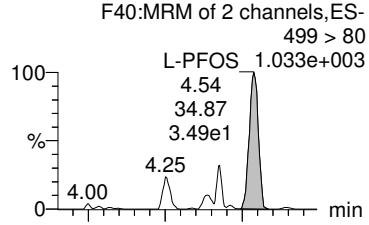


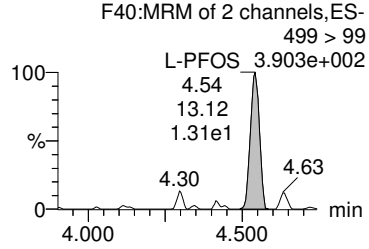
Total PFOA



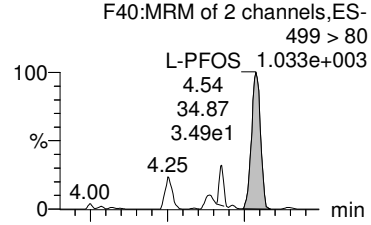


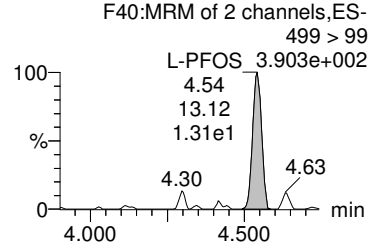
L-PFOS



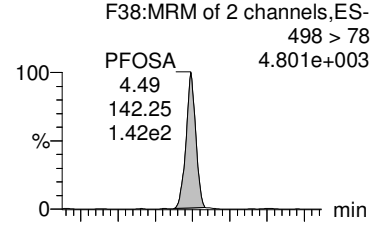


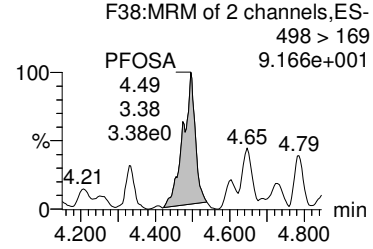
Total PFOS



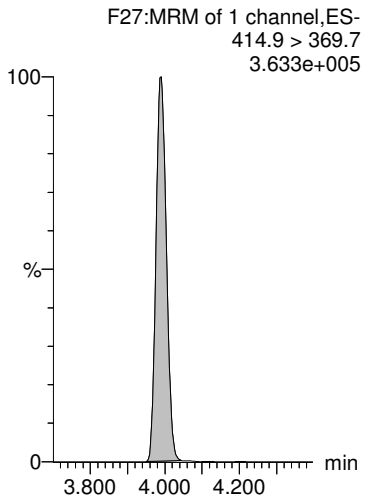


PFOSA





13C2-PFOA-EIS



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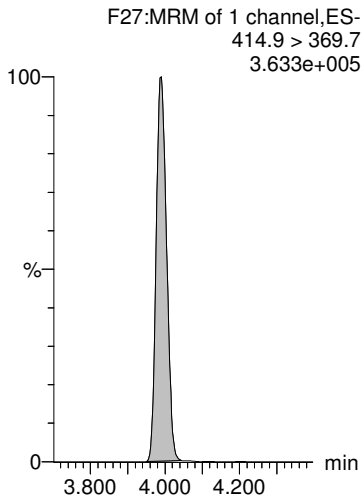
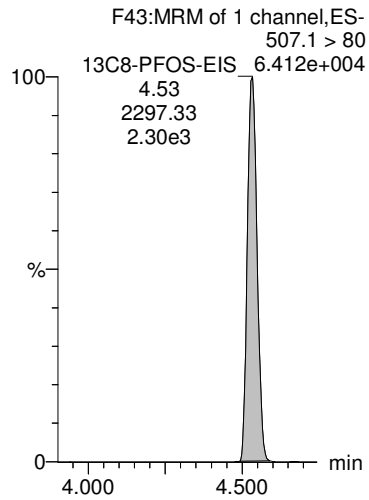


13C8-PFOS-EIS



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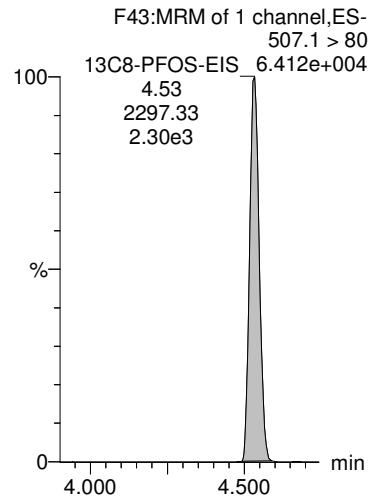

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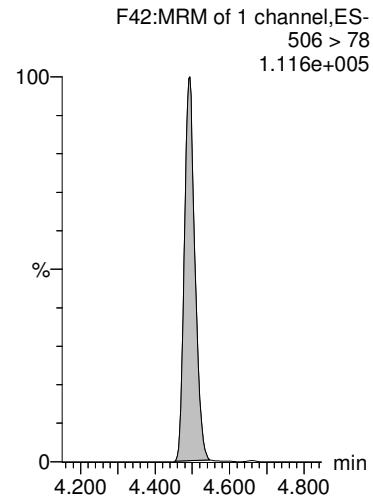


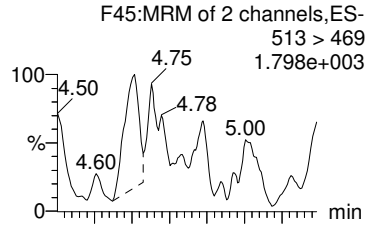
RK 7/2/2020

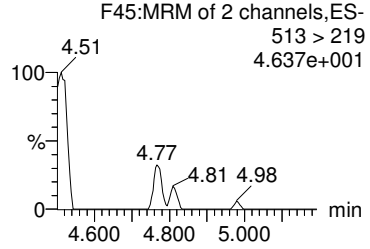
Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

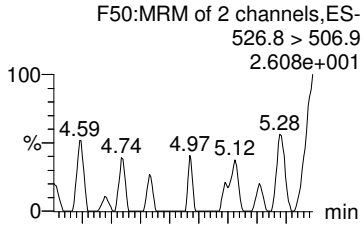
Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

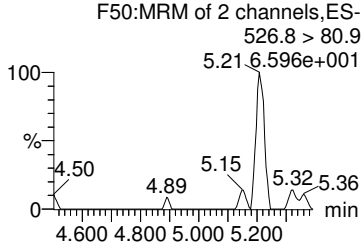
PFDA



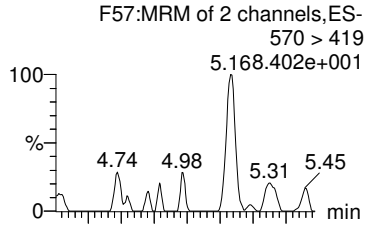


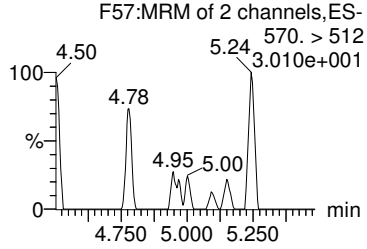
8:2 FTS



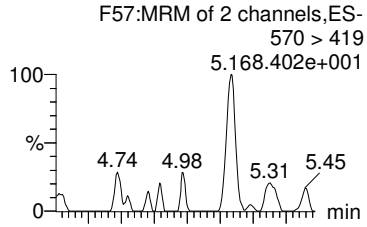


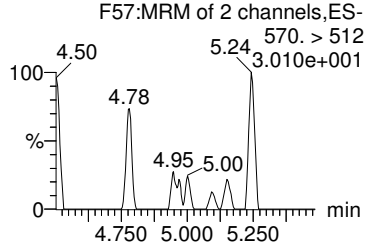
L-MeFOSAA



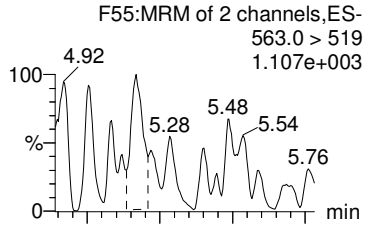


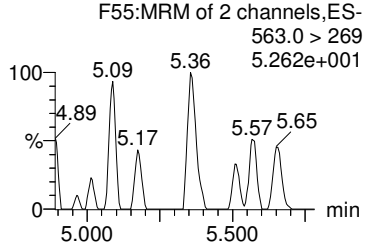
Total N-MeFOSAA





PFUdA





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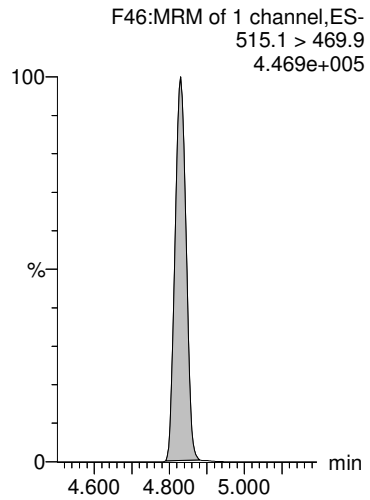

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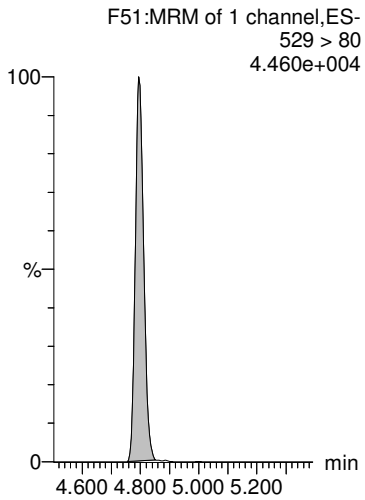

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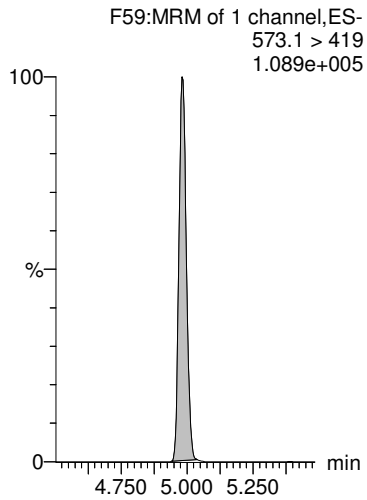

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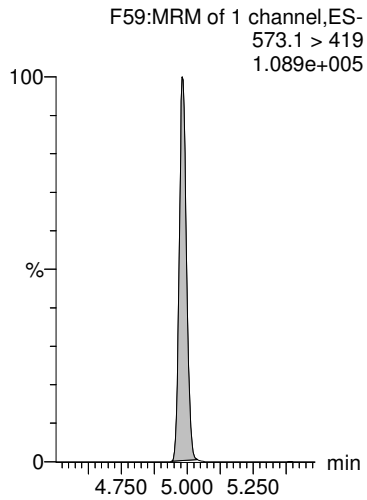

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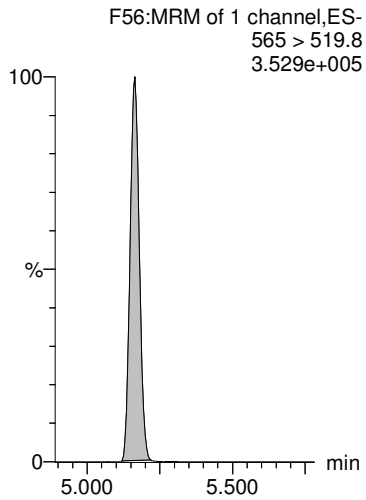


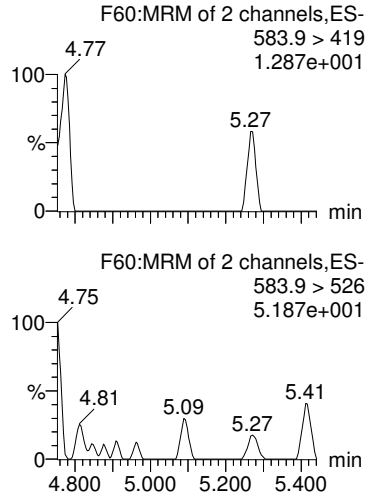
RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

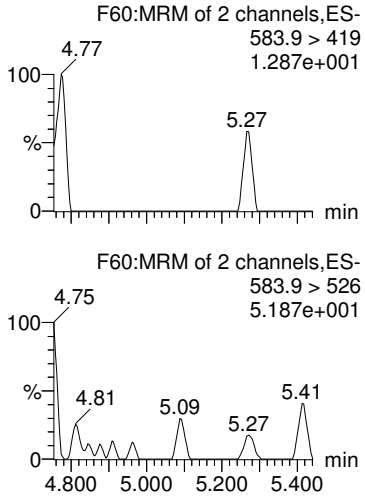
Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

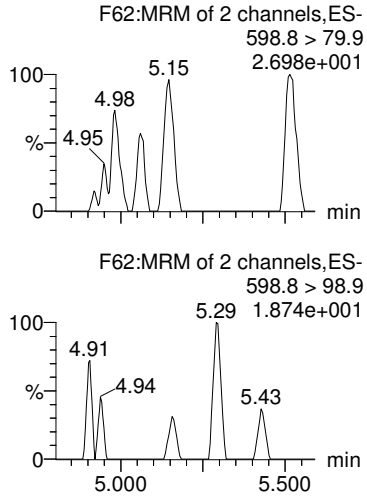
L-EtFOSAA



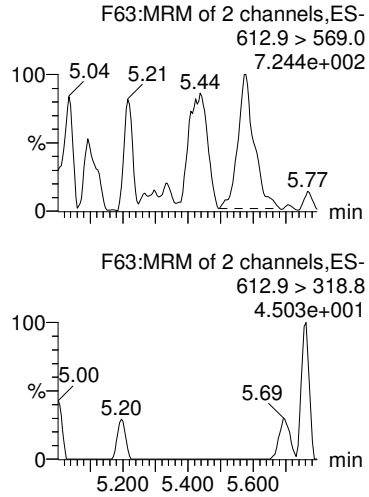
Total N-EtFOSAA



PFDS



PFDoA



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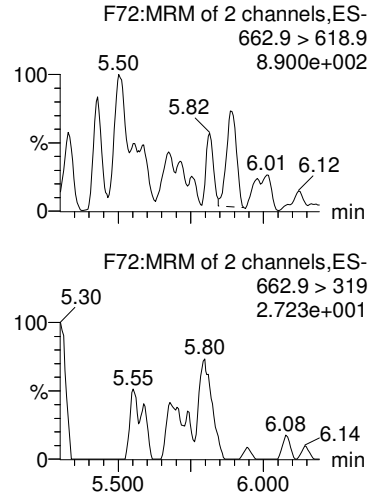
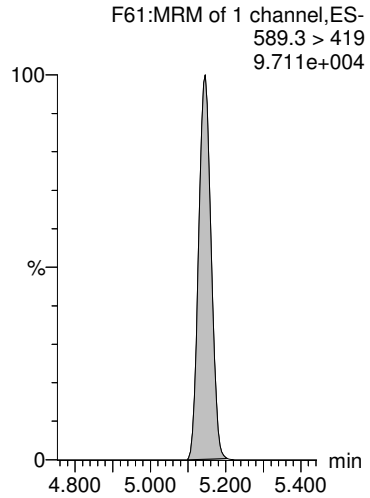


d5-N-EtFOSAA-EIS



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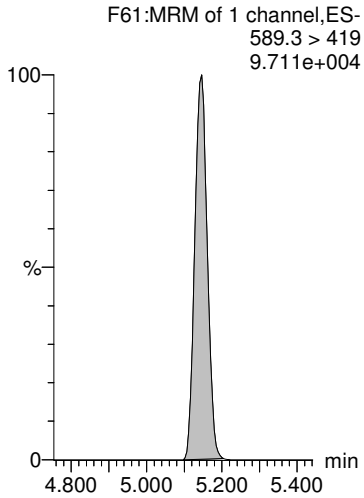
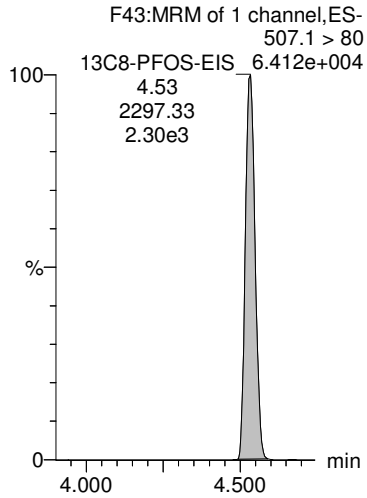
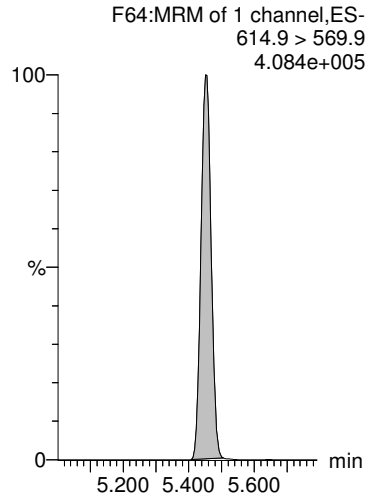


13C8-PFOS-EIS



13C2-PFDoA-EIS



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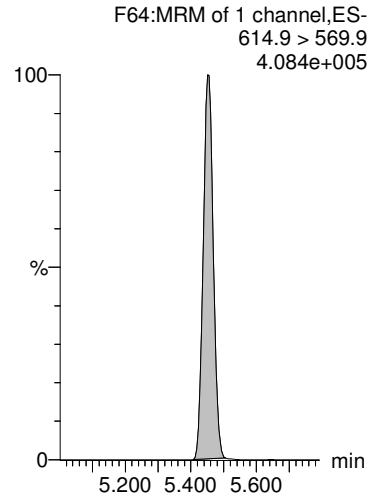
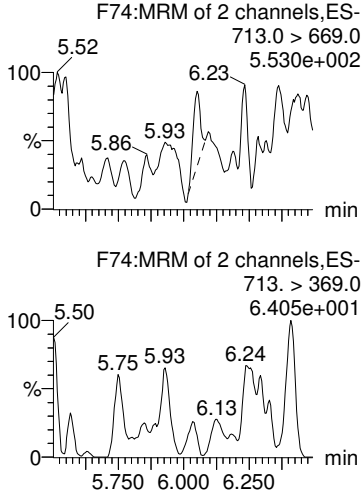


Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

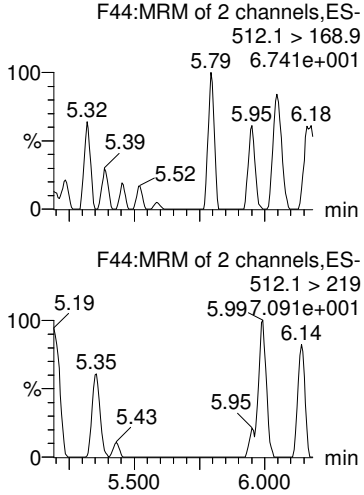
Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

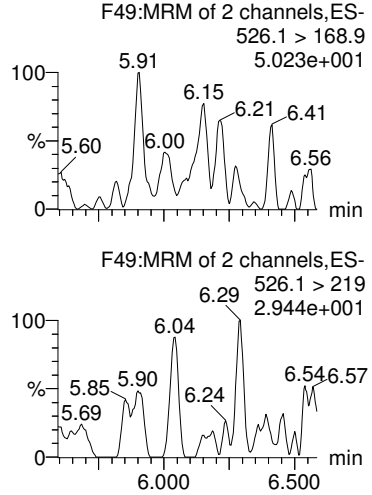
PFTeDA



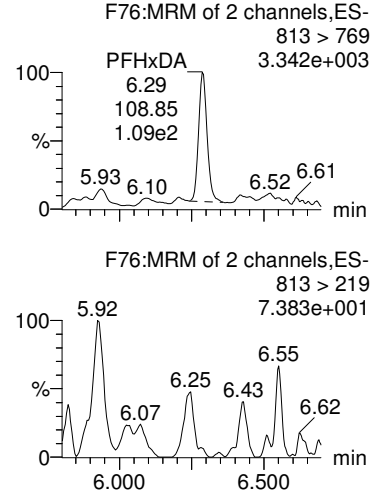
N-MeFOSA



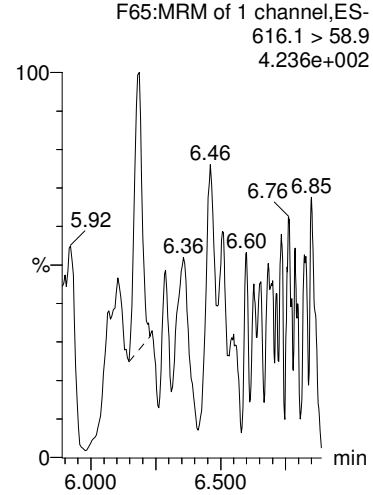
N-EtFOSA



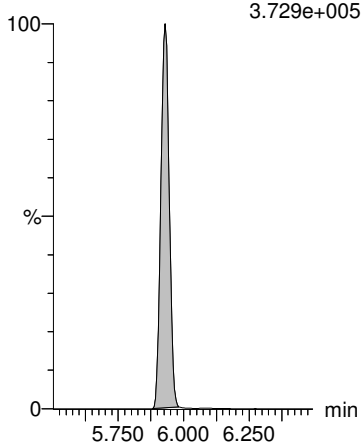
PFHxDA



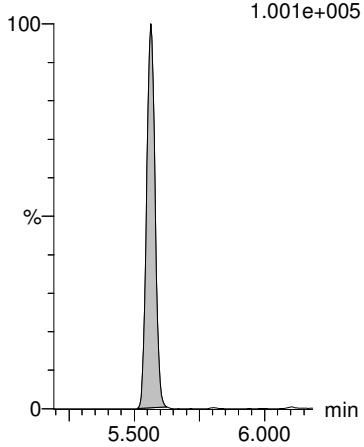
N-MeFOSE



13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



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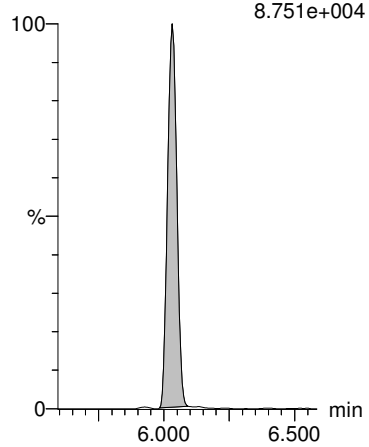
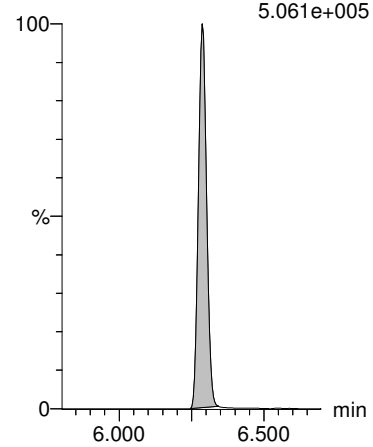


13C2-PFHxDA-EIS



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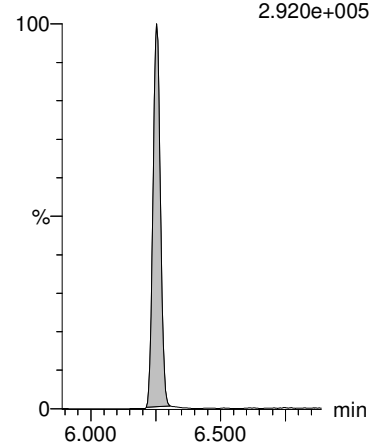


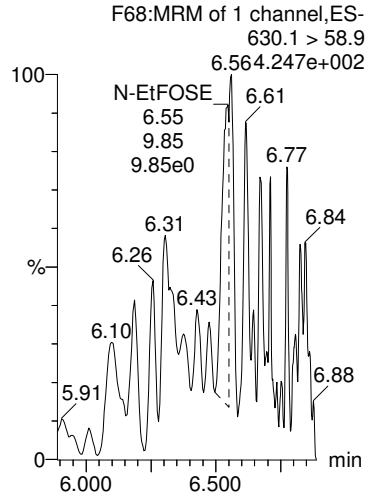
RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-74.qld

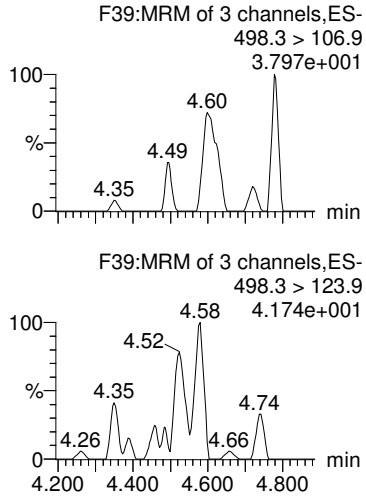
Last Altered: Thursday, July 02, 2020 18:52:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:53:02 Pacific Daylight Time

Name: 200629P1-74, Date: 30-Jun-2020, Time: 00:00:47, ID: 2001271-07RE1 GW-FPC-2B 0.11932, Description: GW-FPC-2B

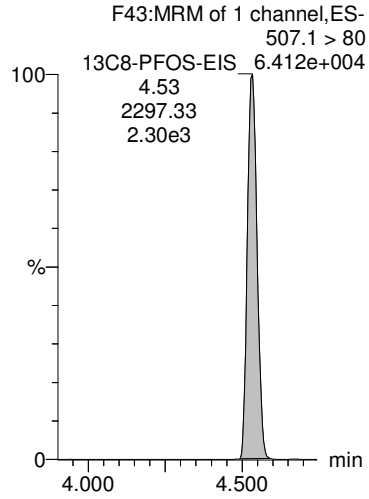
N-EtFOSE



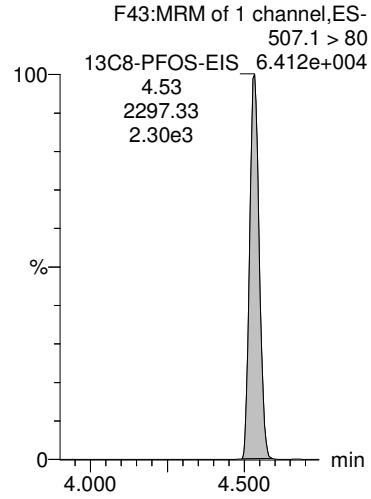
TDCA



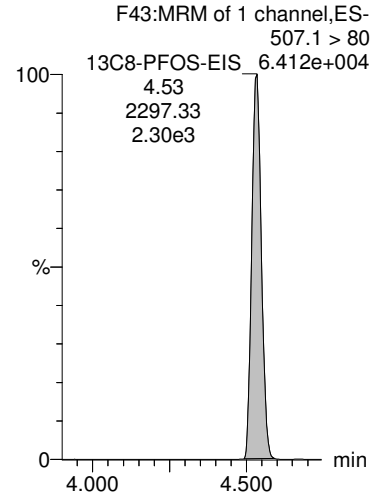
13C8-PFOS-EIS



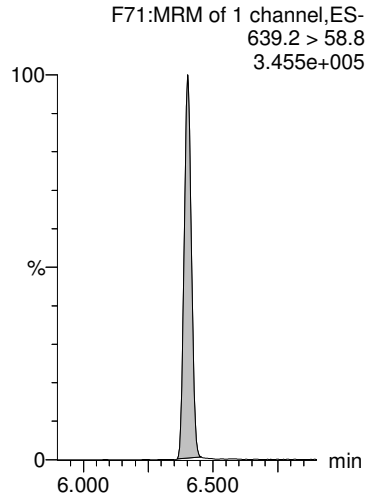
13C8-PFOS-EIS



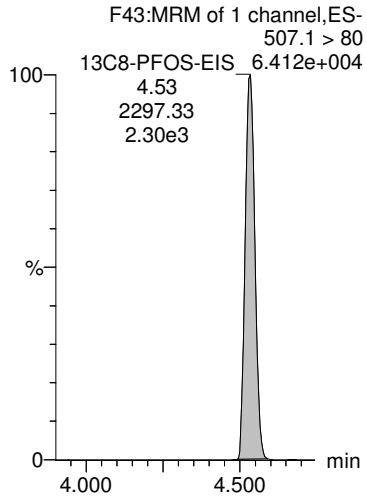
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-62.qld

Last Altered: Thursday, July 02, 2020 16:49:05 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:49:43 Pacific Daylight Time

Name: 200623P1-62, Date: 23-Jun-2020, Time: 21:36:24, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	1.066e2	3.347e3	0.108		4.48	4.48	0.398	5.235		15.620	NO
2	46	N-EtFOSE	630.1 > 58.9		1.481e4	0.108		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	3.347e3		0.108	461.908	4.57	4.48	3350	66.835	58.0		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.481e4		0.108	170.570	6.38	6.38	14800	800.787	58.2		
5	-1													

RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

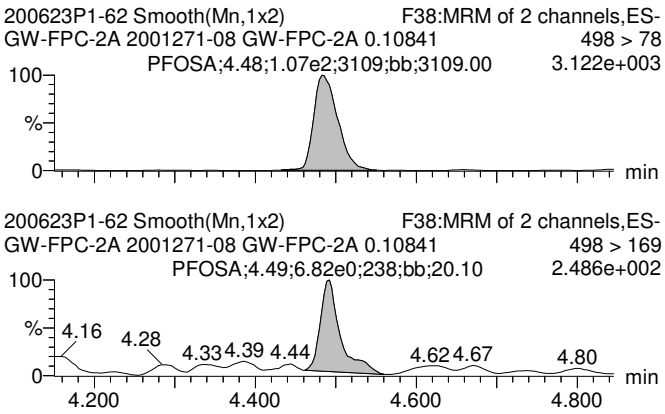
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-62.qld

Last Altered: Thursday, July 02, 2020 16:49:05 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:49:43 Pacific Daylight Time

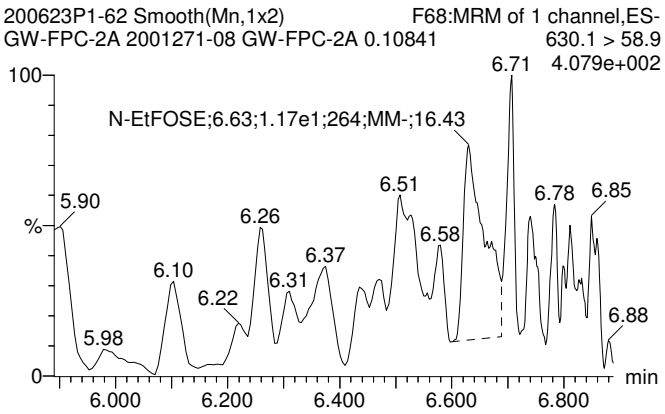
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:48:37
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-62, Date: 23-Jun-2020, Time: 21:36:24, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

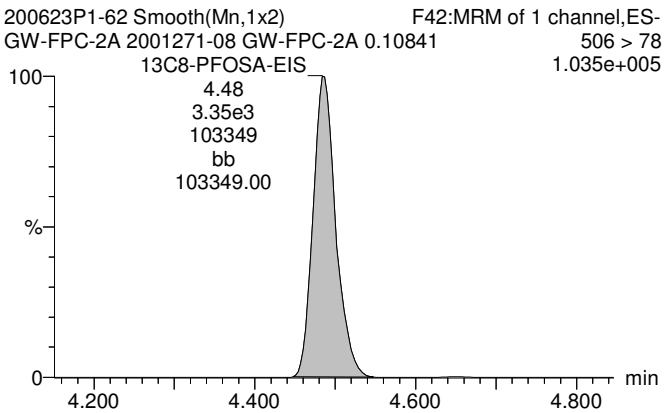
PFOSA



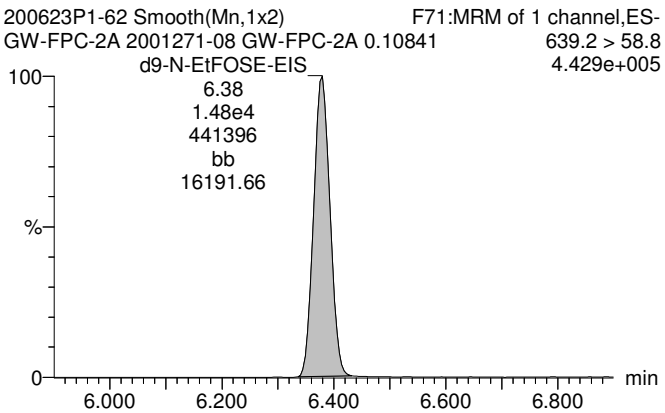
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

Last Altered: Thursday, July 02, 2020 18:14:07 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:14:36 Pacific Daylight Time

Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	8.039e1	3.750e3	0.108		1.54	1.53	0.268	1.458			
2	4	PFPeA	263.1 > 218.9		5.045e3	0.108		2.54						
3	5	PFBS	299.0 > 79.7	1.017e2	1.373e3	0.108		2.82	2.82	0.926	3.586		2.99	NO
4	7	PFHxA	313.0 > 269.0		9.133e3	0.108		3.35						YES
5	11	PFHpA	363.0 > 318.9	1.824e2	5.179e3	0.108		3.95	3.95	0.440	2.813		48.6	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.750e3		0.108	371.472	1.61	1.54	3750	93.121	80.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.045e3		0.108	440.123	2.61	2.54	5040	105.728	91.7		
8	51	13C3-PFBS-EIS	302.0 > 99	1.373e3		0.108	108.310	2.97	2.82	1370	116.968	101.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	9.133e3		0.108	775.415	3.41	3.35	9130	108.641	94.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.179e3		0.108	449.866	4.01	3.95	5180	106.201	92.1		
11	-1													
12	13	L-PFHxS	399 > 80.0	3.177e1	3.028e3	0.108		4.09	4.09	0.131	1.478		2.02	NO
13	1...	Total PFHxS	399 > 80	3.177e1	3.028e3	0.108		3.83		0.131	1.478			
14	15	6:2 FTS	427 > 407.0		1.886e3	0.108		4.41						YES
15	19	PFHpS	448.9 > 80.0		3.297e3	0.108		4.57						YES
16	21	PFNA	463.0 > 418.8		9.447e3	0.108		4.90						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	3.028e3		0.108	253.746	4.16	4.09	3030	110.081	95.5		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	3.028e3		0.108	253.746	4.16	4.09	3030	110.081	95.5		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.886e3		0.108	112.797	4.48	4.41	1890	154.222	133.8		
20	73	13C8-PFOS-EIS	507.0 > 80	3.297e3		0.108	253.261	5.04	4.98	3300	120.093	104.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.447e3		0.108	780.691	4.96	4.90	9450	111.617	96.8		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.187e3	1.164e4	0.108		4.47	4.47	1.27	7.180		5.07	NO
24	1...	Total PFOA	412.8 > 368.9	1.187e3	1.164e4	0.108		4.20		1.27	7.180			
25	23	L-PFOS	499 > 80		3.297e3	0.108		4.98						YES
26	1...	Total PFOS	499 > 80	0.000e0	3.297e3	0.108		4.73		0.000				
27	26	PFDA	513 > 468.8		9.451e3	0.108		5.27						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.164e4		0.108	1032.548	4.53	4.47	11600	104.002	90.2		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.164e4		0.108	1032.548	4.53	4.47	11600	104.002	90.2		
30	73	13C8-PFOS-EIS	507.0 > 80	3.297e3		0.108	253.261	5.04	4.98	3300	120.093	104.2		
31	73	13C8-PFOS-EIS	507.0 > 80	3.297e3		0.108	253.261	5.04	4.98	3300	120.093	104.2		
32	75	13C2-PFDA-EIS	515.1 > 469.9	9.451e3		0.108	863.274	5.33	5.27	9450	100.988	87.6		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		2.238e3	0.108		5.25						YES
35	29	L-MeFOSAA	570 > 419		9.090e3	0.108		5.42						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	9.090e3	0.108		5.17		0.000				

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

Last Altered: Thursday, July 02, 2020 18:14:07 Pacific Daylight Time
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Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.670e4	0.108		5.60						YES
38	34	PFDS	599.0 > 80.0		3.297e3	0.108		5.70						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2.238e3		0.108	200.576	5.31	5.25	2240	102.912	89.3		
40	79	d3-N-MeFOSAA-EIS	573. > 419	9.090e3		0.108	772.961	5.48	5.42	9090	108.479	94.1		
41	79	d3-N-MeFOSAA-EIS	573. > 419	9.090e3		0.108	772.961	5.48	5.42	9090	108.479	94.1		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.670e4		0.108	1406.602	5.65	5.60	16700	109.524	95.0		
43	73	13C8-PFOS-EIS	507.0 > 80	3.297e3		0.108	253.261	5.04	4.98	3300	120.093	104.2		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		7.222e3	0.108		5.58						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	7.222e3	0.108		5.33		0.000				
47	37	PFDoA	612.9 > 569.0		1.683e4	0.108		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.683e4	0.108		6.14						YES
49	41	PFTeDA	713.0 > 669.0		1.112e4	0.108		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	7.222e3		0.108	680.656	5.63	5.58	7220	97.879	84.9		
51	83	d5-N-EtFOSAA-EIS	589. > 419	7.222e3		0.108	680.656	5.63	5.58	7220	97.879	84.9		
52	85	13C2-PFDoA-EIS	615 > 570	1.683e4		0.108	1620.087	5.93	5.88	16800	95.852	83.1		
53	85	13C2-PFDoA-EIS	615 > 570	1.683e4		0.108	1620.087	5.93	5.88	16800	95.852	83.1		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	1.112e4		0.108	1080.991	6.37	6.32	11100	94.863	82.3		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		3.886e3	0.108		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		5.666e3	0.108		6.15						YES
58	43	PFHxDA	813.1 > 768.6		1.498e4	0.108		6.61						YES
59	45	N-MeFOSE	616.1 > 58.9		5.903e3	0.108		6.32						
60	1...	TDCA	498.3>106.9			0.108		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	3.886e3		0.108	84.650	5.81	5.78	3890	423.446	30.8		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	5.666e3		0.108	120.333	6.18	6.17	5670	434.355	31.6		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.498e4		0.108	1527.484	6.65	6.61	15000	90.433	78.4		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	5.903e3		0.108	71.023	6.26	6.32	5900	766.704	55.7		
65	73	13C8-PFOS-EIS	507.0 > 80	3.297e3		0.108	253.261	5.04	4.98	3300	120.093	104.2		

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Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

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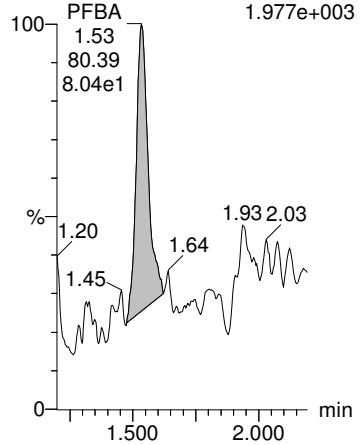
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

PFBA



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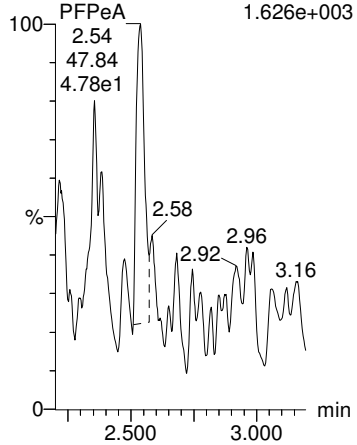

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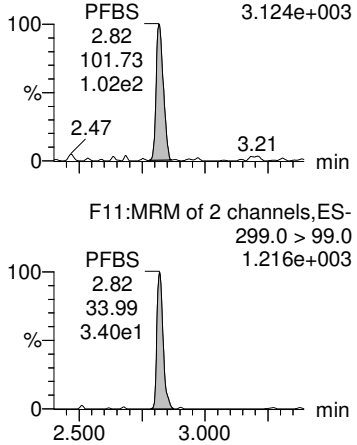

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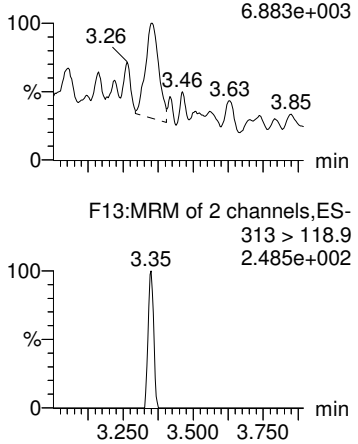

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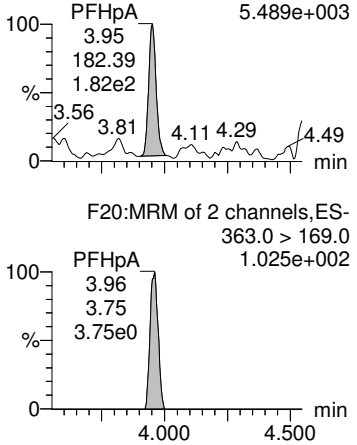

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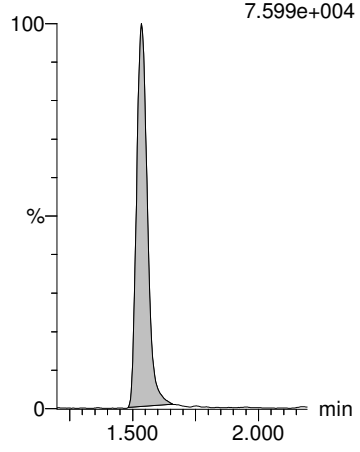

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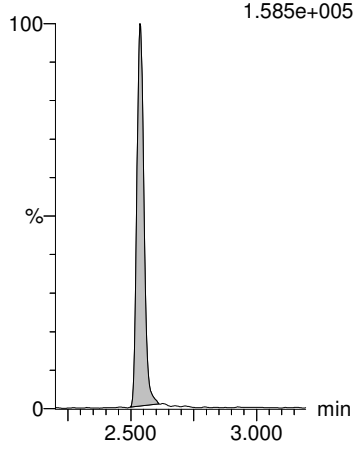

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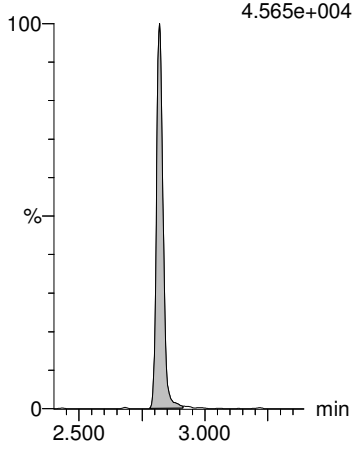

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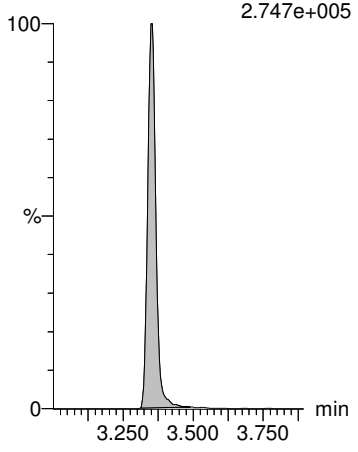

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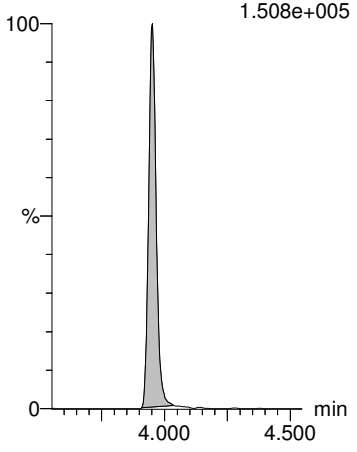

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Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

Last Altered: Thursday, July 02, 2020 18:14:07 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:14:36 Pacific Daylight Time

Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

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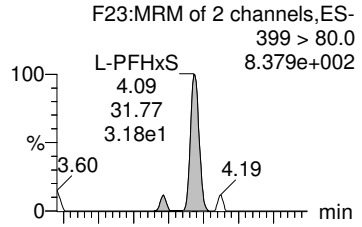

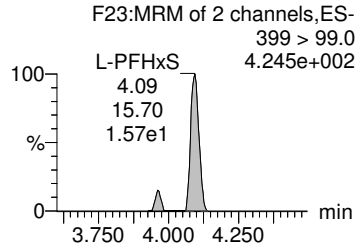

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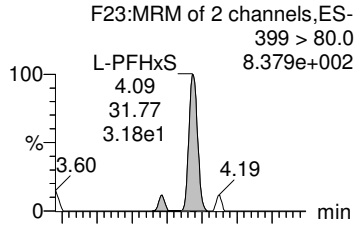
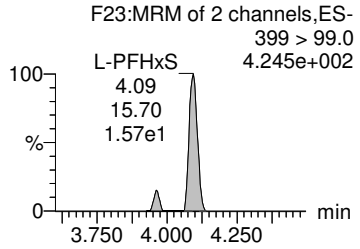
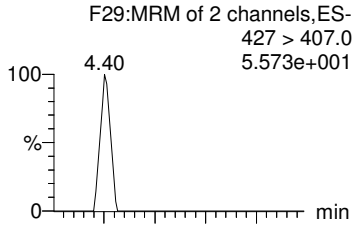
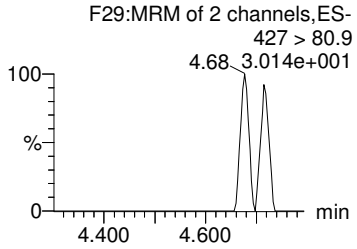




6:2 FTS





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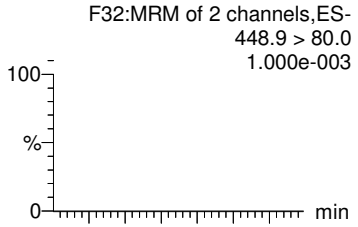

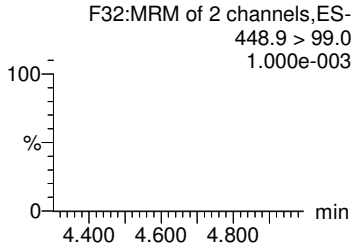

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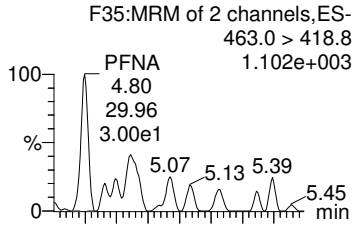

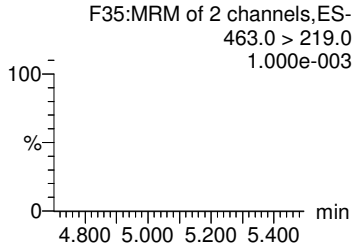

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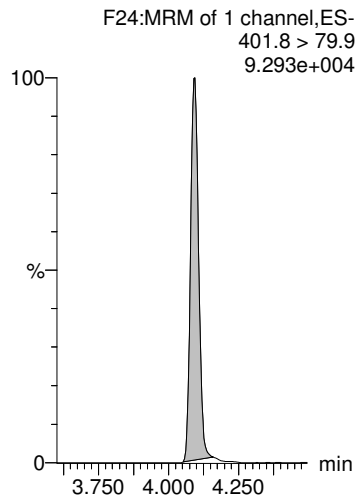

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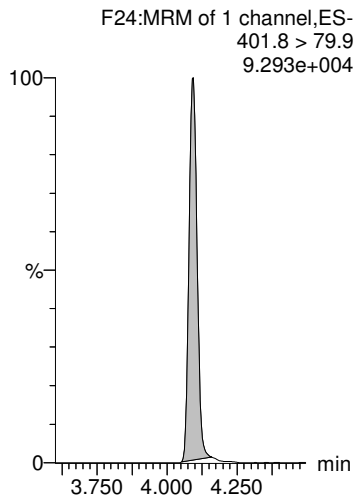
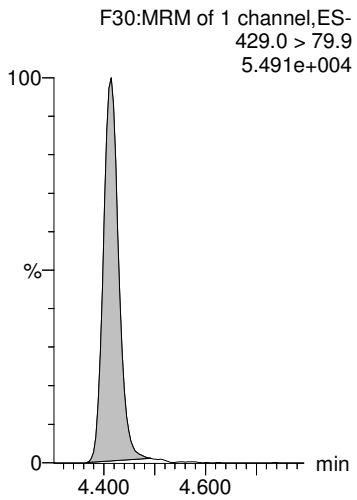


13C2-6:2 FTS-EIS



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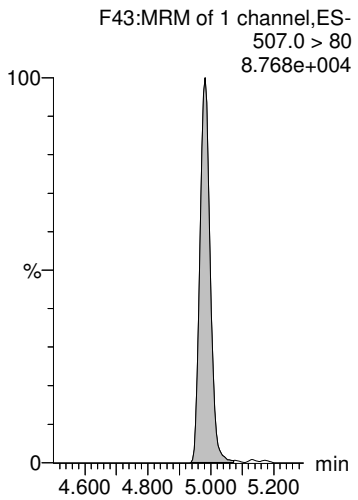

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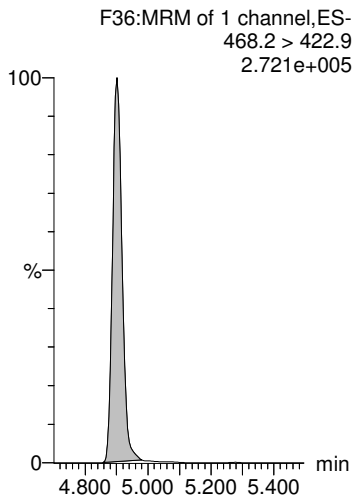

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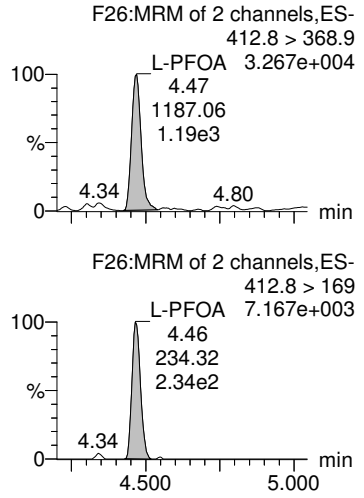
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

Last Altered: Thursday, July 02, 2020 18:14:07 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:14:36 Pacific Daylight Time

Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

L-PFOA



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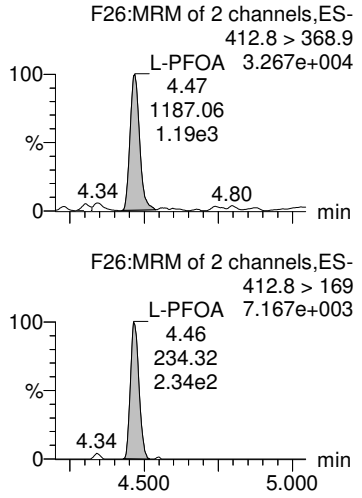

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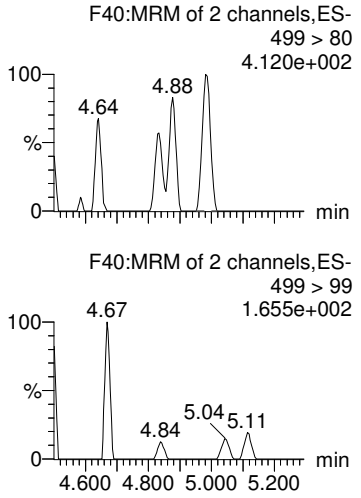
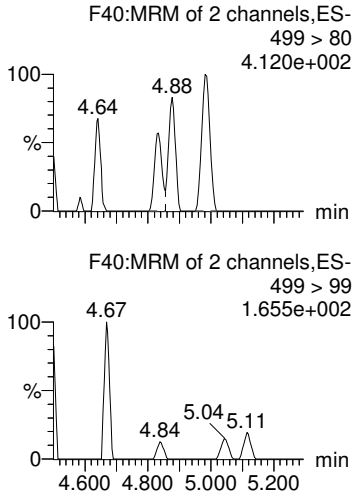
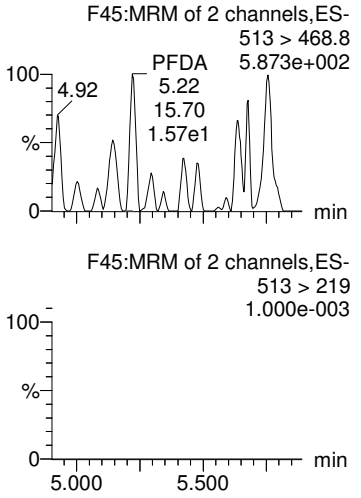


Total PFOS



PFDA



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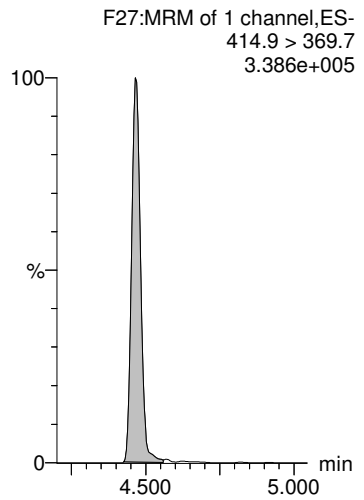

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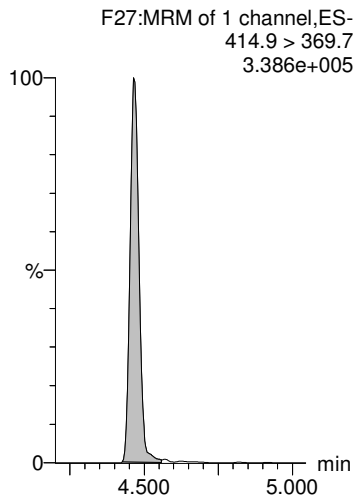
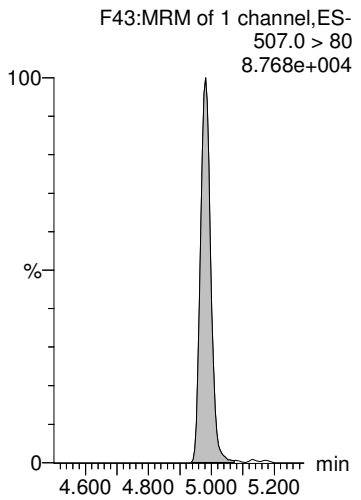


13C8-PFOS-EIS



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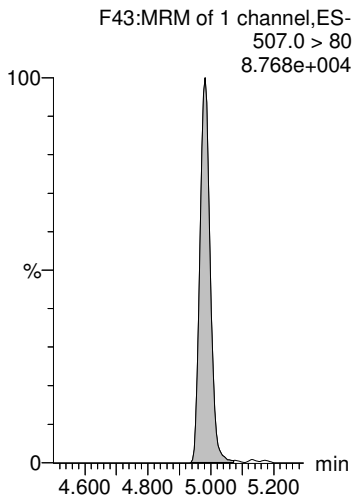

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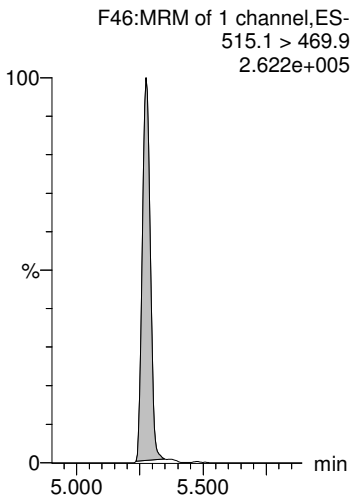

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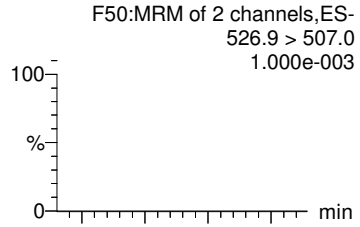
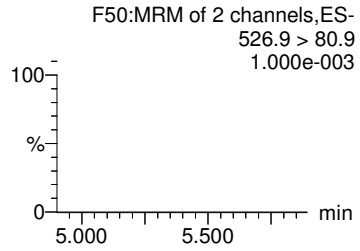
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

Last Altered: Thursday, July 02, 2020 18:14:07 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:14:36 Pacific Daylight Time

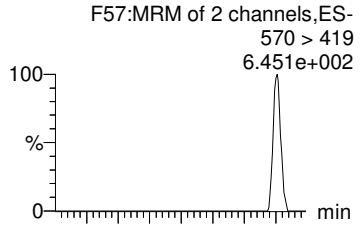
Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

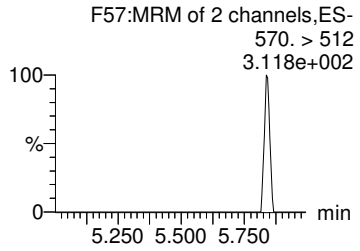
8:2 FTS



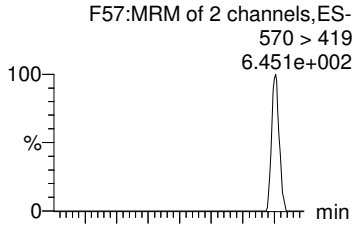


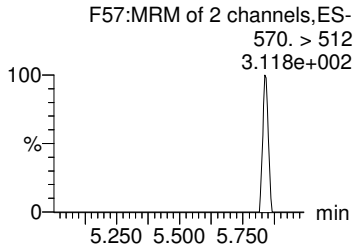
L-MeFOSAA



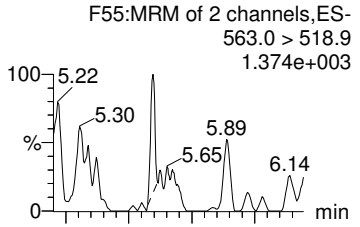


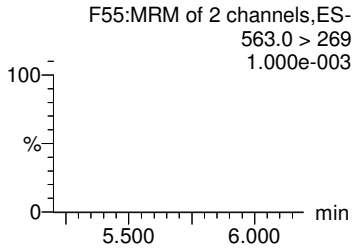
Total N-MeFOSAA



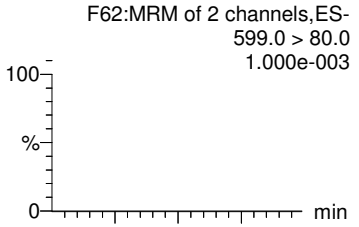


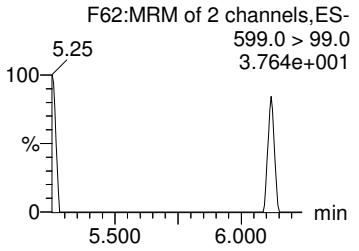
PFUdA



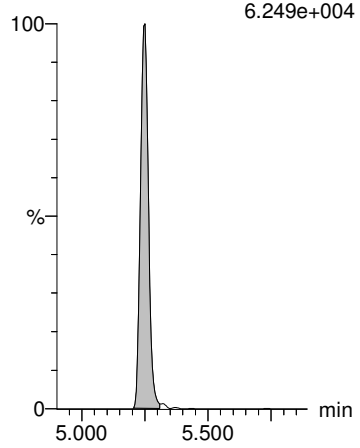


PFDS

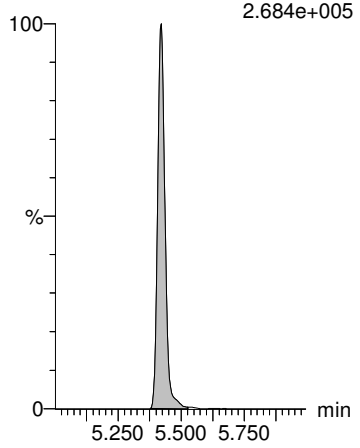




13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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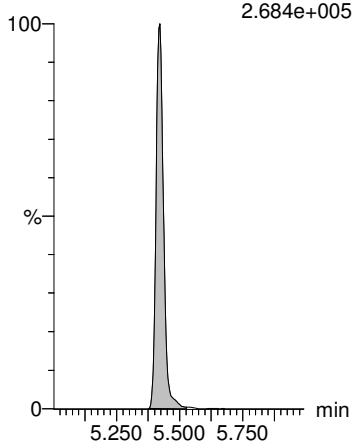
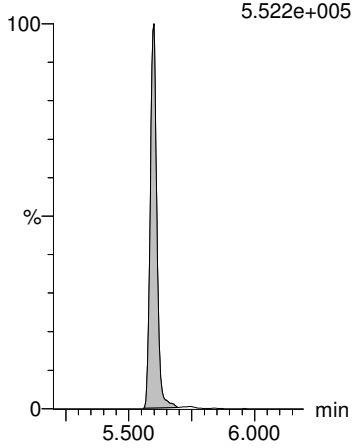
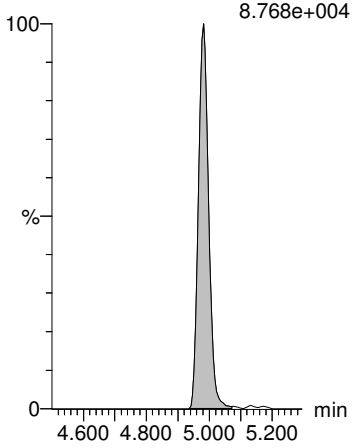


13C2-PFUdA-EIS



13C8-PFOS-EIS



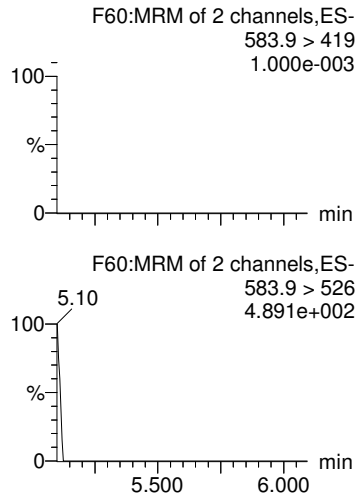
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

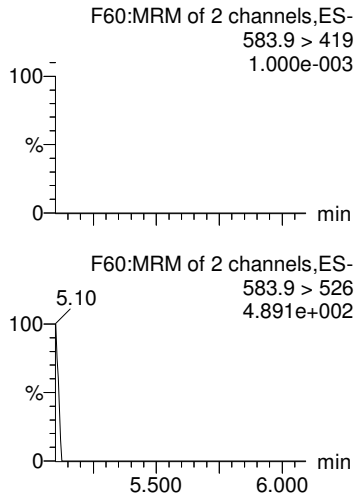
Last Altered: Thursday, July 02, 2020 18:14:07 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:14:36 Pacific Daylight Time

Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

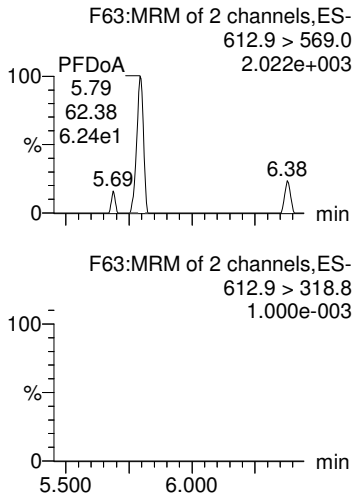
L-EtFOSAA



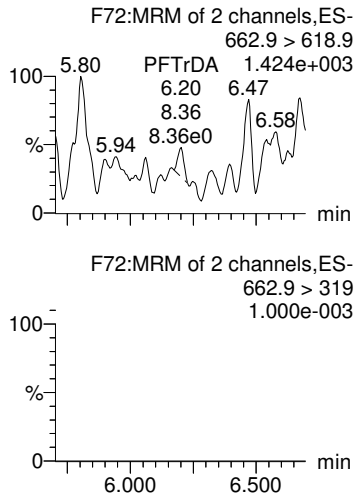
Total N-EtFOSAA



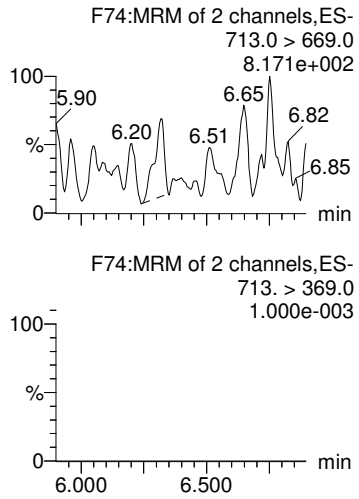
PFDoA



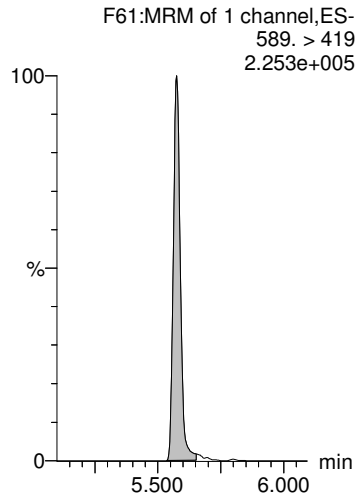
PFTrDA



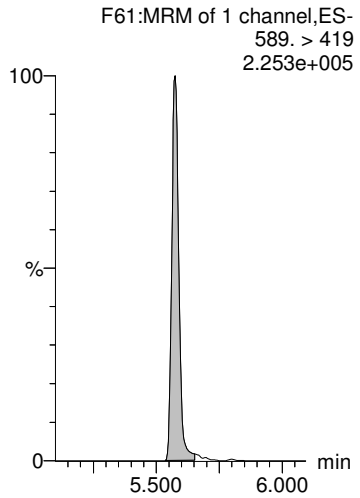
PFTeDA



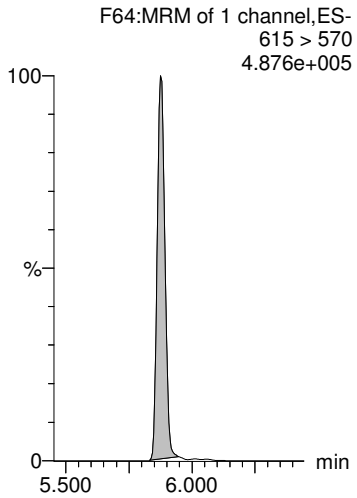
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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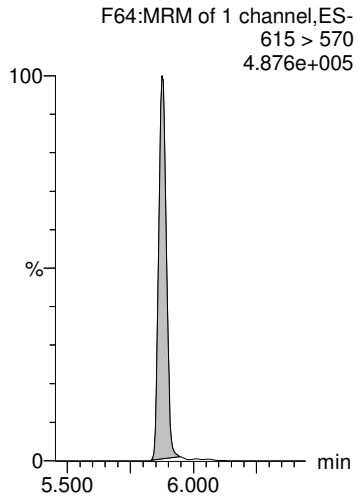

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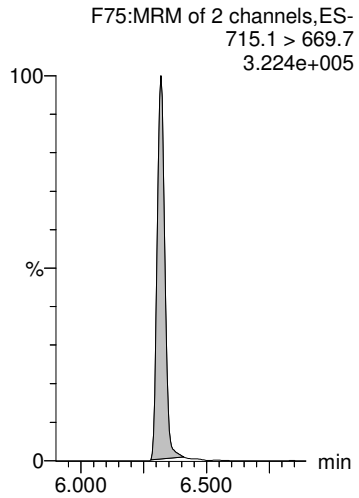
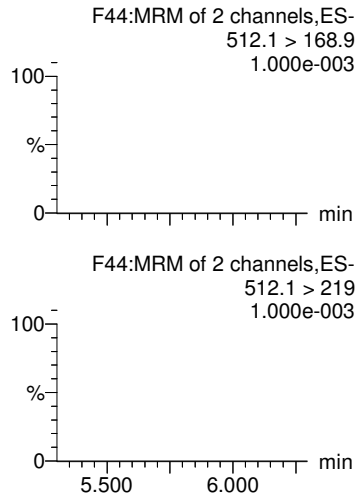


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-86.qld

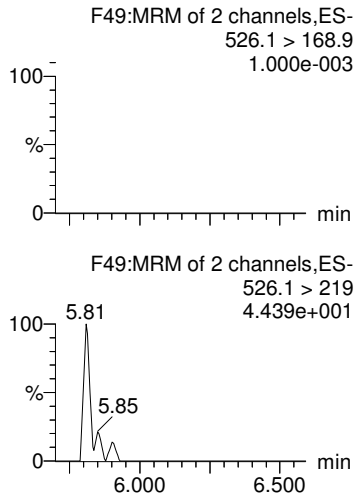
Last Altered: Thursday, July 02, 2020 18:14:07 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:14:36 Pacific Daylight Time

Name: 200630M1_86, Date: 01-Jul-2020, Time: 06:05:56, ID: 2001271-08 GW-FPC-2A 0.10841, Description: GW-FPC-2A

N-MeFOSA



N-EtFOSA



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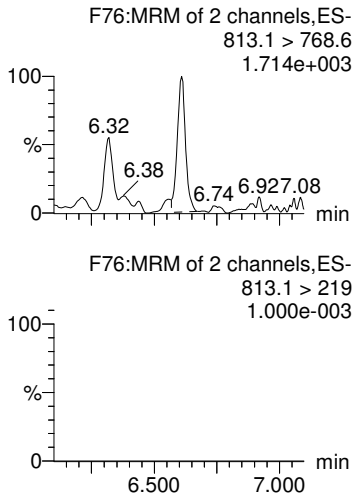
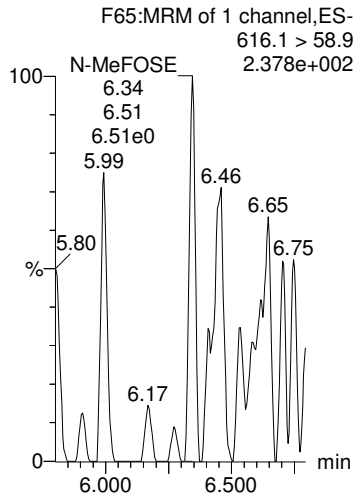


N-MeFOSE



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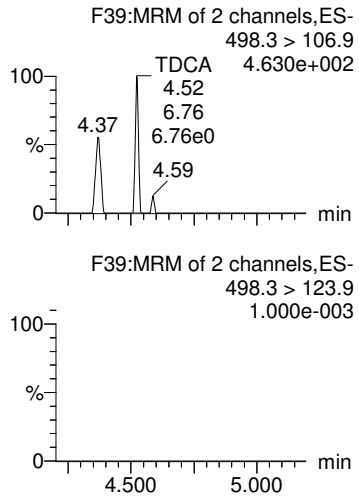
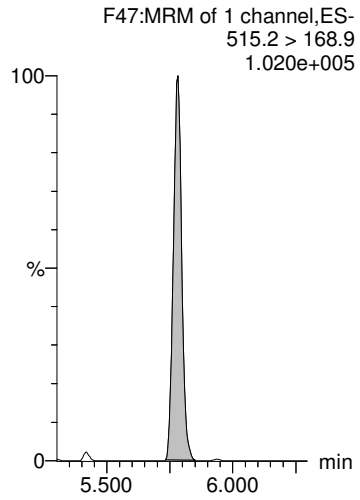
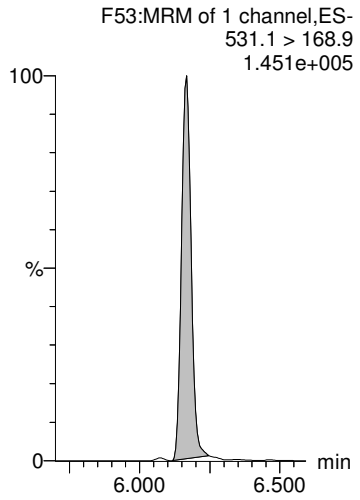


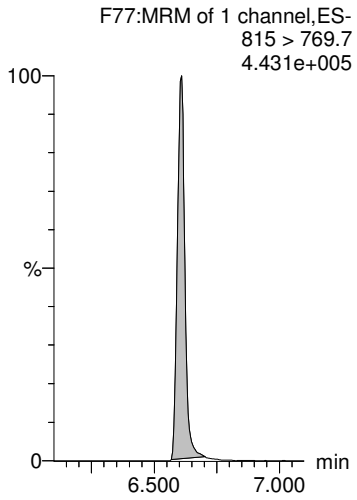
d3-N-MeFOSA-EIS



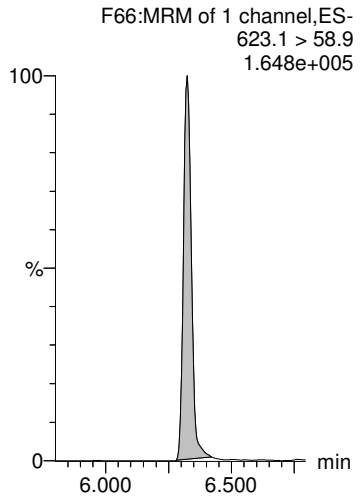
d5-N-ETFOSA-EIS



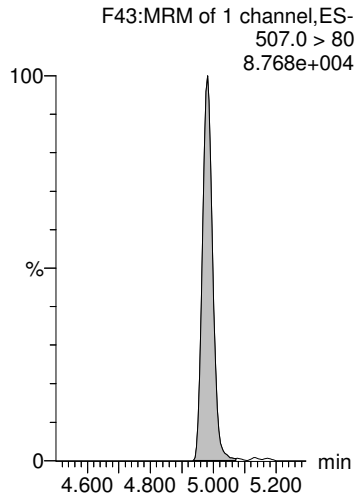
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



13C8-PFOS-EIS



RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-63.qld

Last Altered: Thursday, July 02, 2020 16:50:47 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:51:42 Pacific Daylight Time

Name: 200623P1-63, Date: 23-Jun-2020, Time: 21:46:53, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78		2.215e3	0.113		4.49						YES
2	46	N-EtFOSE	630.1 > 58.9		8.351e3	0.113		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	2.215e3		0.113	461.908	4.57	4.49	2220	42.416	38.4		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8.351e3		0.113	170.570	6.38	6.38	8350	433.043	32.8		
5	-1													

RK 7/2/2020

Vista Analytical Laboratory

OC 7/6/2020

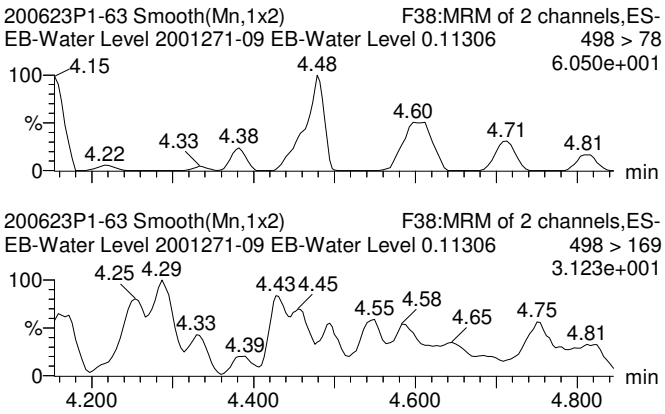
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-63.qld

Last Altered: Thursday, July 02, 2020 16:50:47 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:51:42 Pacific Daylight Time

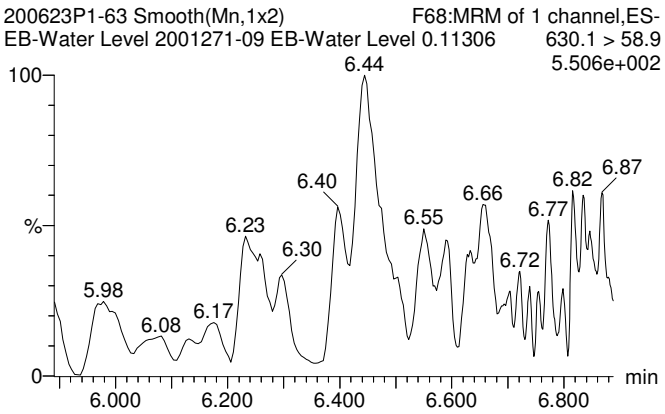
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:50:47
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-63, Date: 23-Jun-2020, Time: 21:46:53, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

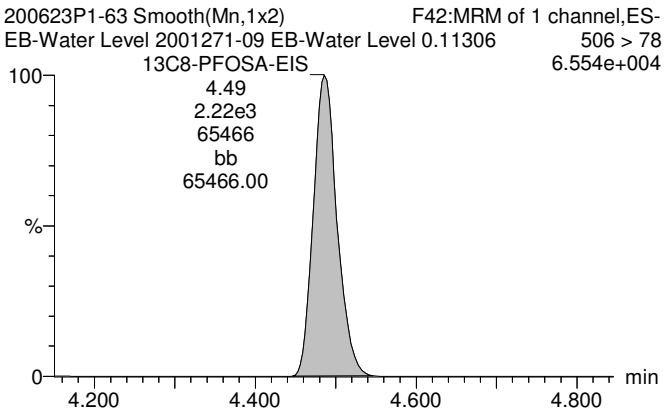
PFOSA



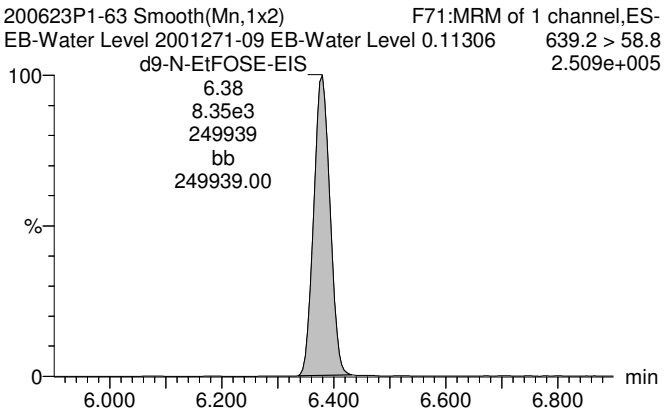
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-87.qld

Last Altered: Thursday, July 02, 2020 18:17:58 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		3.283e3	0.113		1.54						
2	4	PFPeA	263.1 > 218.9		4.495e3	0.113		2.54						
3	5	PFBS	299.0 > 79.7		1.138e3	0.113		2.82						YES
4	7	PFHxA	313.0 > 269.0		7.915e3	0.113		3.35						YES
5	11	PFHpA	363.0 > 318.9		4.361e3	0.113		3.95						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.283e3		0.113	371.472	1.61	1.54	3280	78.176	70.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.495e3		0.113	440.123	2.61	2.54	4500	90.337	81.7		
8	51	13C3-PFBS-EIS	302.0 > 99	1.138e3		0.113	108.310	2.97	2.82	1140	92.964	84.1		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.915e3		0.113	775.415	3.41	3.35	7920	90.286	81.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.361e3		0.113	449.866	4.01	3.95	4360	85.739	77.5		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.750e3	0.113		4.09						YES
13	1...	Total PFHxS	399 > 80	0.000e0	2.750e3	0.113		3.83		0.000				
14	15	6:2 FTS	427 > 407.0		1.644e3	0.113		4.41						YES
15	19	PFHpS	448.9 > 80.0		3.020e3	0.113		4.57						YES
16	21	PFNA	463.0 > 418.8		7.671e3	0.113		4.90						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.750e3		0.113	253.746	4.16	4.09	2750	95.843	86.7		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.750e3		0.113	253.746	4.16	4.09	2750	95.843	86.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.644e3		0.113	112.797	4.48	4.41	1640	128.950	116.6		
20	73	13C8-PFOS-EIS	507.0 > 80	3.020e3		0.113	253.261	5.04	4.98	3020	105.463	95.4		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.671e3		0.113	780.691	4.96	4.90	7670	86.911	78.6		
22	-1													
23	16	L-PFOA	412.8 > 368.9		1.031e4	0.113		4.47						YES
24	1...	Total PFOA	412.8 > 368.9	0.000e0	1.031e4	0.113		4.20		0.000				
25	23	L-PFOS	499 > 80		3.020e3	0.113		4.98						YES
26	1...	Total PFOS	499 > 80	0.000e0	3.020e3	0.113		4.73		0.000				
27	26	PFDA	513 > 468.8		8.596e3	0.113		5.27						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.031e4		0.113	1032.548	4.53	4.47	10300	88.343	79.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.031e4		0.113	1032.548	4.53	4.47	10300	88.343	79.9		
30	73	13C8-PFOS-EIS	507.0 > 80	3.020e3		0.113	253.261	5.04	4.98	3020	105.463	95.4		
31	73	13C8-PFOS-EIS	507.0 > 80	3.020e3		0.113	253.261	5.04	4.98	3020	105.463	95.4		
32	75	13C2-PFDA-EIS	515.1 > 469.9	8.596e3		0.113	863.274	5.33	5.27	8600	88.067	79.7		
33	-1													
34	27	8:2 FTS	526.9 > 507.0		1.660e3	0.113		5.25						YES
35	29	L-MeFOSAA	570 > 419		6.836e3	0.113		5.42						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	6.836e3	0.113		5.17		0.000				

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-87.qld

Last Altered: Thursday, July 02, 2020 18:17:58 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.439e4	0.113		5.60						YES
38	34	PFDS	599.0 > 80.0		3.020e3	0.113		5.70						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	1.660e3		0.113	200.576	5.31	5.25	1660	73.212	66.2		
40	79	d3-N-MeFOSAA-EIS	573. > 419	6.836e3		0.113	772.961	5.48	5.42	6840	78.229	70.8		
41	79	d3-N-MeFOSAA-EIS	573. > 419	6.836e3		0.113	772.961	5.48	5.42	6840	78.229	70.8		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.439e4		0.113	1406.602	5.65	5.60	14400	90.512	81.9		
43	73	13C8-PFOS-EIS	507.0 > 80	3.020e3		0.113	253.261	5.04	4.98	3020	105.463	95.4		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		5.137e3	0.113		5.58						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	5.137e3	0.113		5.33		0.000				
47	37	PFDoA	612.9 > 569.0		1.430e4	0.113		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.430e4	0.113		6.14						YES
49	41	PFTeDA	713.0 > 669.0		8.517e3	0.113		6.32						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	5.137e3		0.113	680.656	5.63	5.58	5140	66.754	60.4		
51	83	d5-N-EtFOSAA-EIS	589. > 419	5.137e3		0.113	680.656	5.63	5.58	5140	66.754	60.4		
52	85	13C2-PFDoA-EIS	615 > 570	1.430e4		0.113	1620.087	5.93	5.88	14300	78.075	70.6		
53	85	13C2-PFDoA-EIS	615 > 570	1.430e4		0.113	1620.087	5.93	5.88	14300	78.075	70.6		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	8.517e3		0.113	1080.991	6.37	6.32	8520	69.689	63.0		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		9.617e2	0.113		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		1.388e3	0.113		6.15						YES
58	43	PFHxDA	813.1 > 768.6		1.211e4	0.113		6.61						YES
59	45	N-MeFOSE	616.1 > 58.9		2.979e3	0.113		6.32						
60	1...	TDCA	498.3>106.9			0.113		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	9.617e2		0.113	84.650	5.81	5.78	962	100.488	7.6		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	1.388e3		0.113	120.333	6.18	6.17	1390	101.989	7.7		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.211e4		0.113	1527.484	6.65	6.61	12100	70.141	63.4		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	2.979e3		0.113	71.023	6.26	6.32	2980	370.990	28.1		
65	73	13C8-PFOS-EIS	507.0 > 80	3.020e3		0.113	253.261	5.04	4.98	3020	105.463	95.4		

RK 7/2/2020

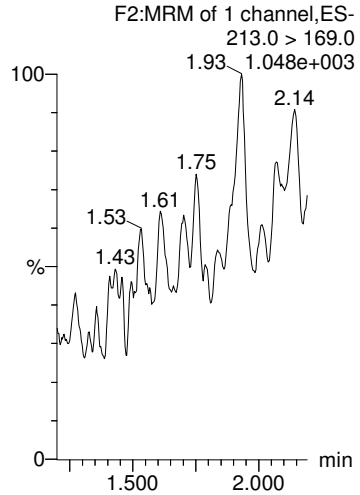
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-87.qld

Last Altered: Thursday, July 02, 2020 18:17:58 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 18:15:58
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

PFBA



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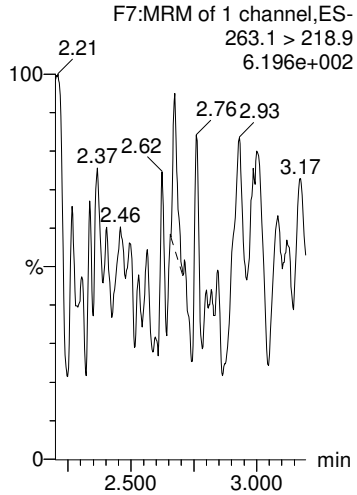

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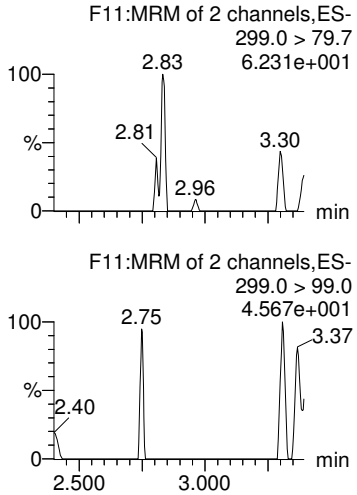
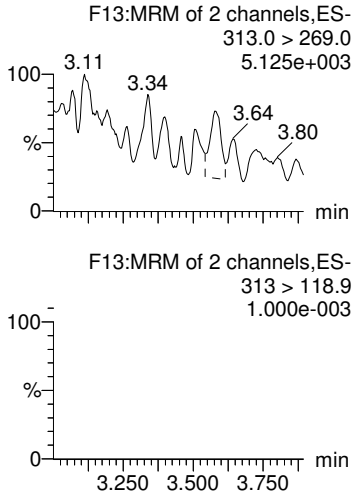
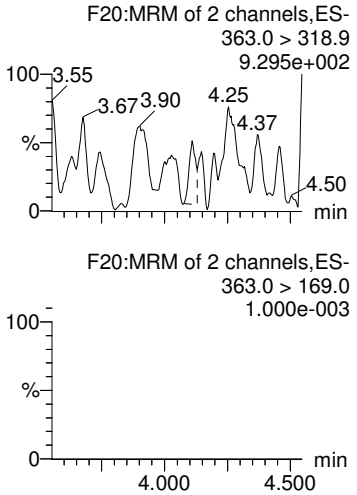


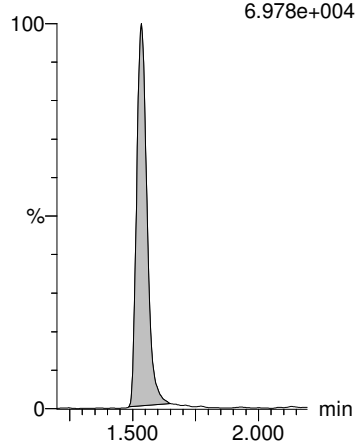
PFHxA



PFHpA



13C3-PFBA-EIS



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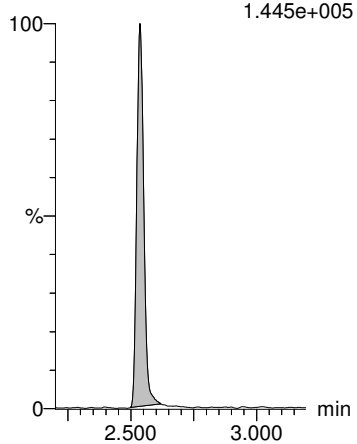

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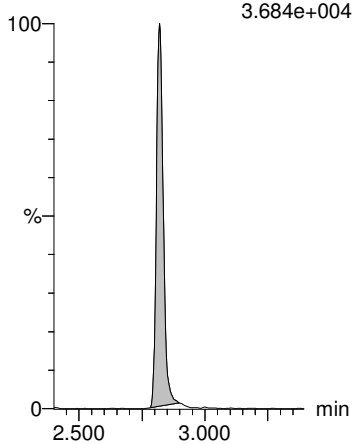

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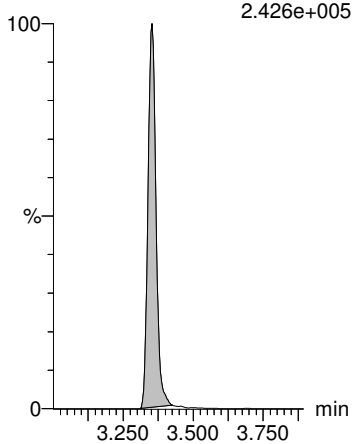
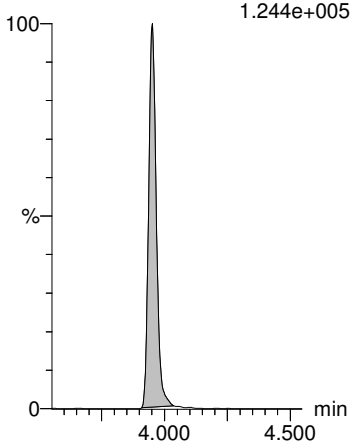


13C4-PFHpA-EIS



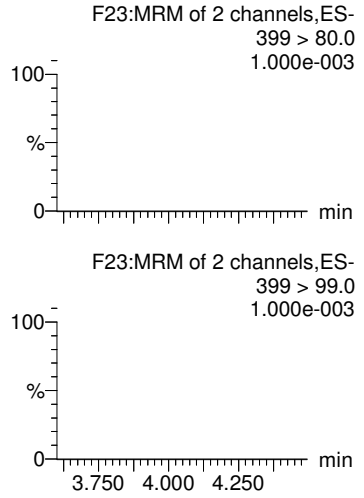
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-87.qld

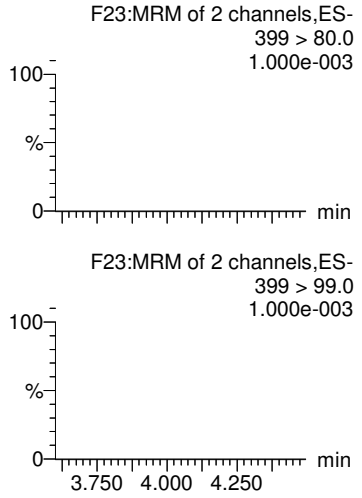
Last Altered: Thursday, July 02, 2020 18:17:58 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

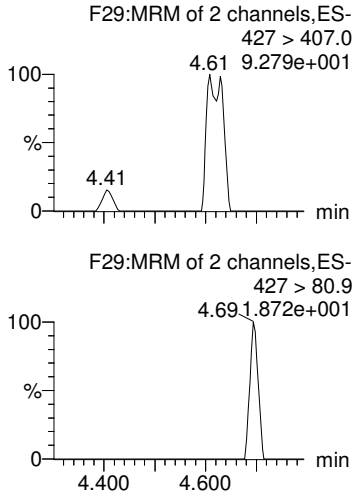
L-PFHxS



Total PFHxS



6:2 FTS



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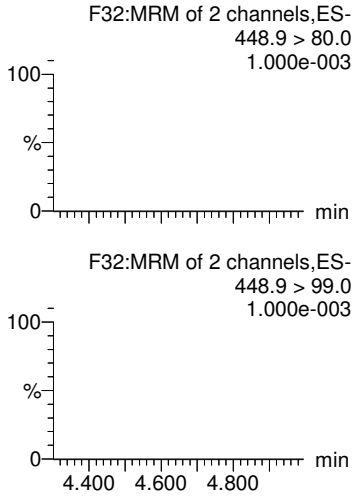

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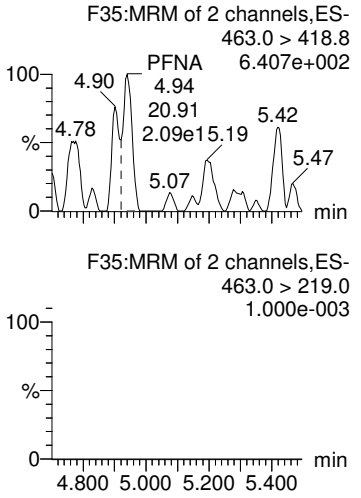
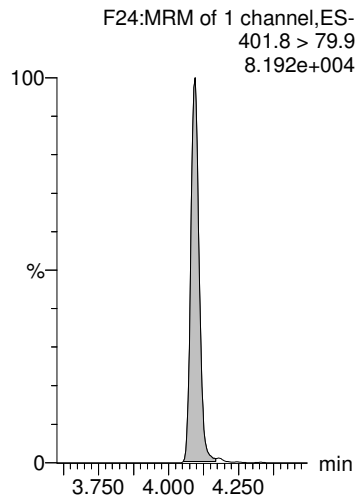


13C3-PFHxS-EIS



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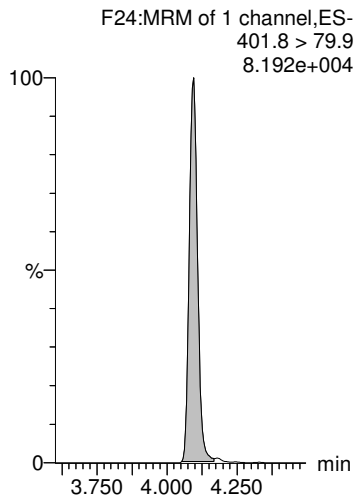
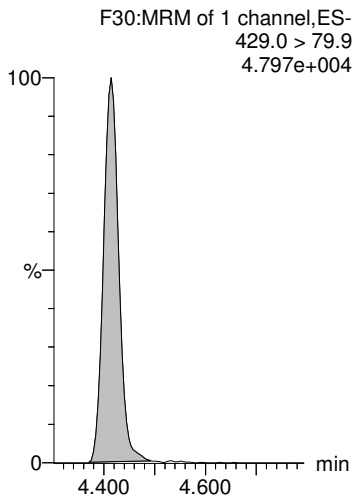


13C2-6:2 FTS-EIS



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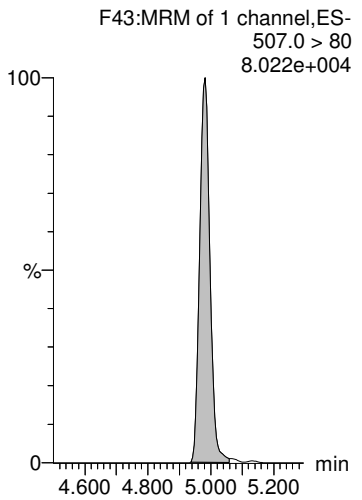

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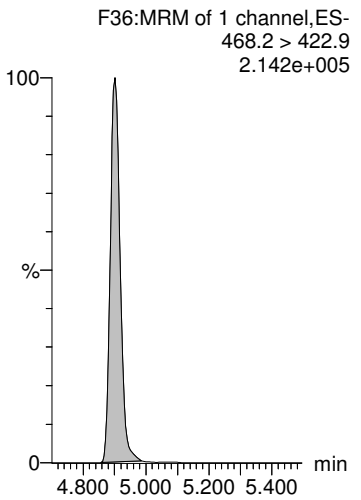


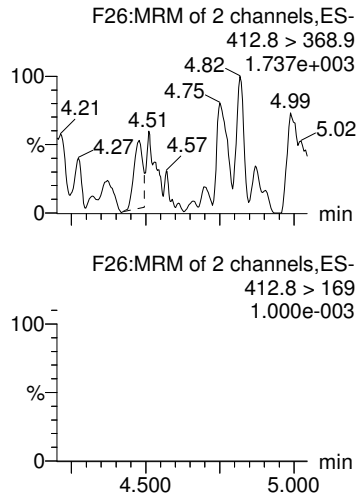
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-87.qld

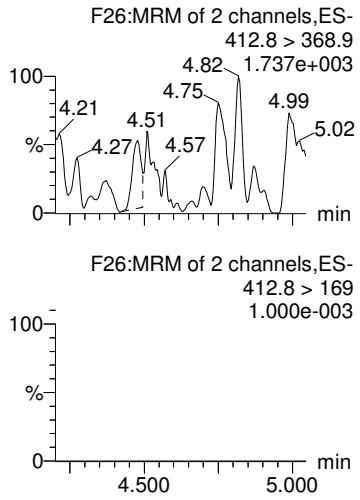
Last Altered: Thursday, July 02, 2020 18:17:58 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

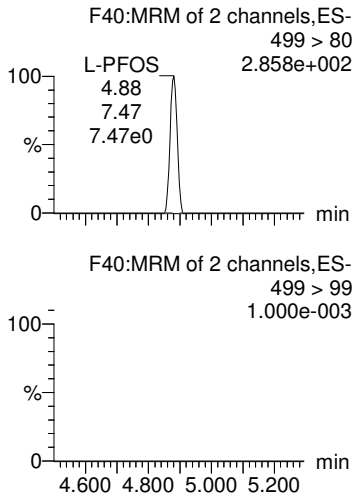
L-PFOA



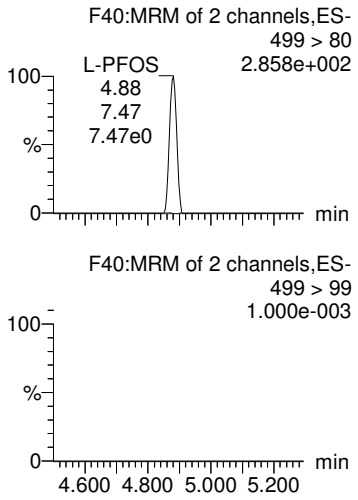
Total PFOA



L-PFOS



Total PFOS



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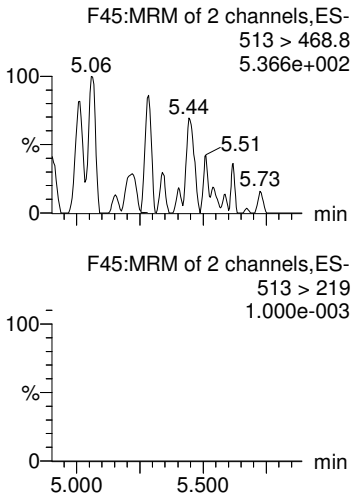

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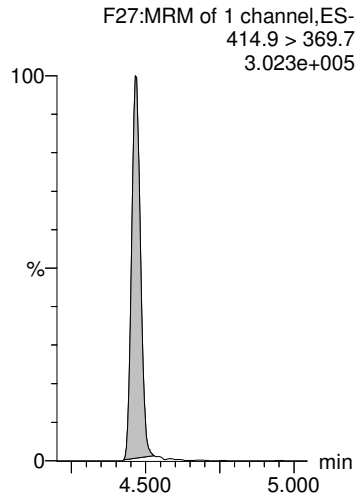

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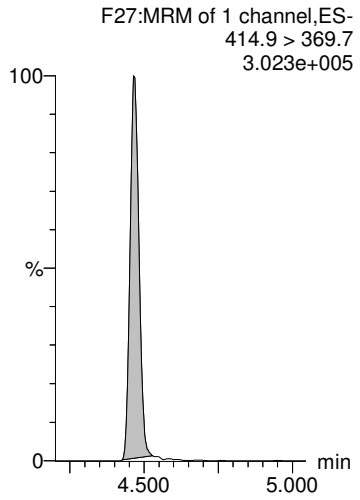

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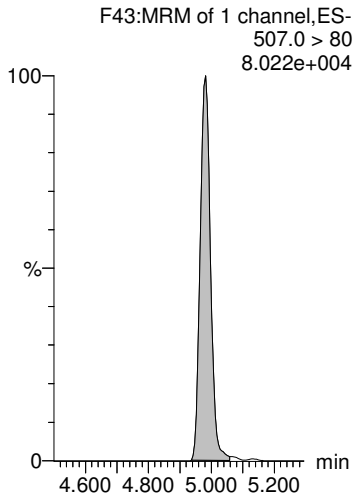

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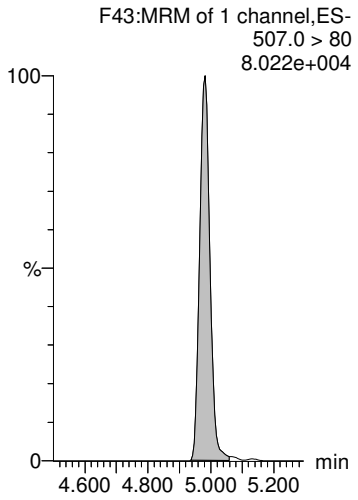

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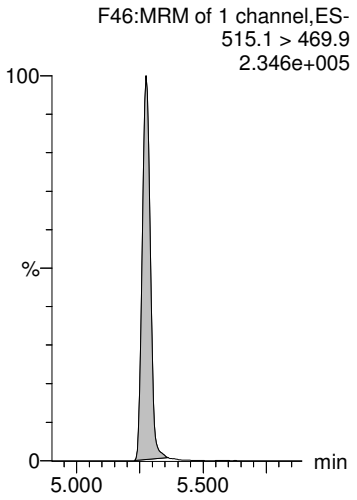
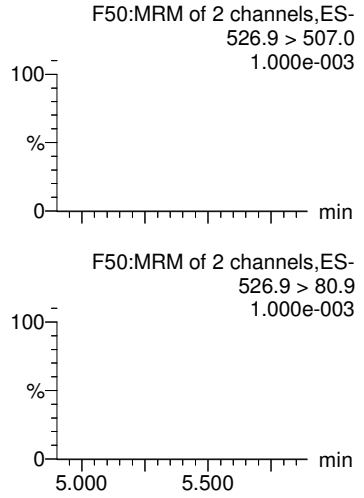


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-87.qld

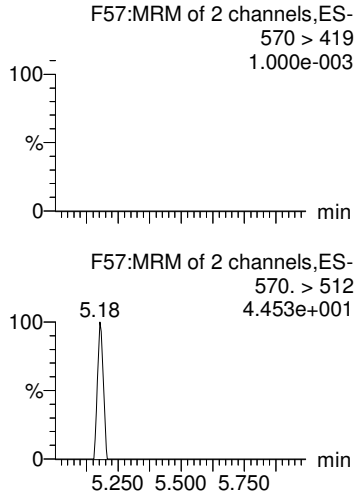
Last Altered: Thursday, July 02, 2020 18:17:58 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

8:2 FTS



L-MeFOSAA



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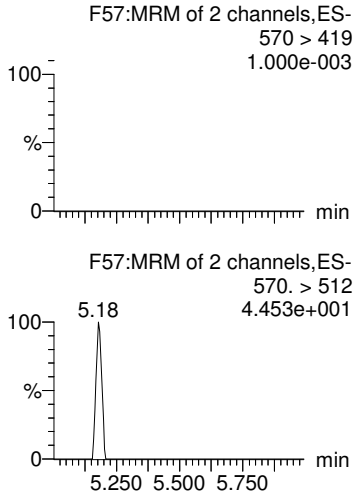

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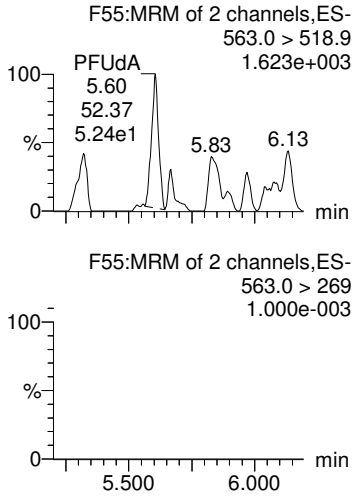

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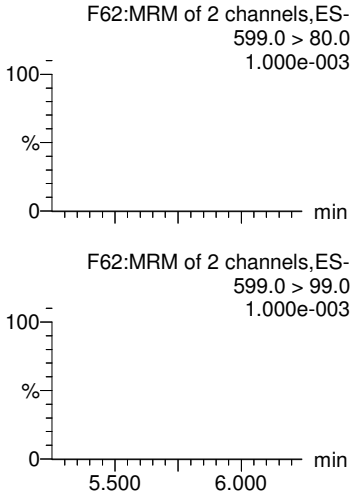
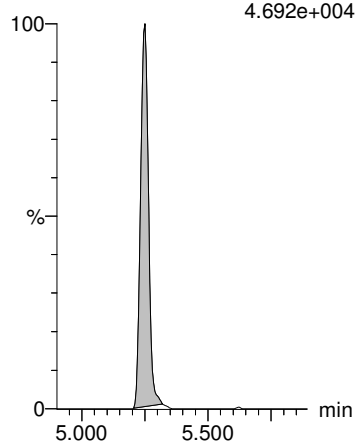


13C2-8:2 FTS-EIS



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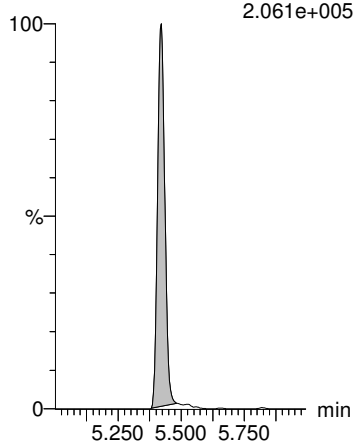
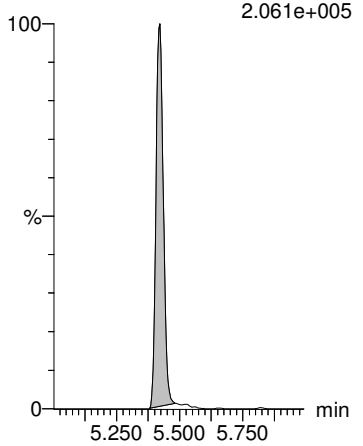
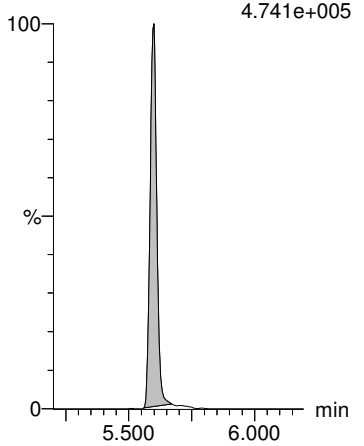


d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



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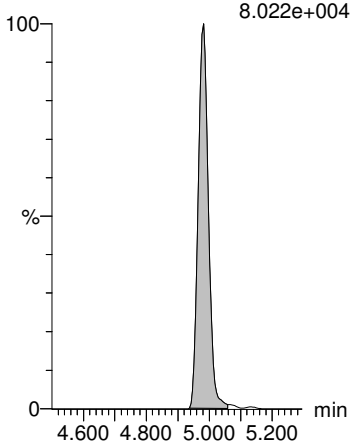

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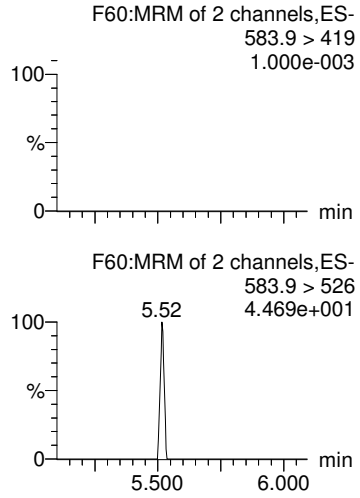
Last Altered: Thursday, July 02, 2020 18:17:58 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

L-EtFOSAA



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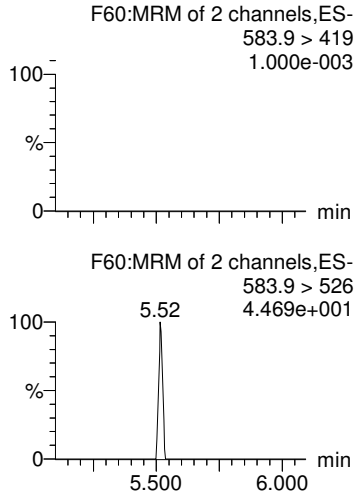
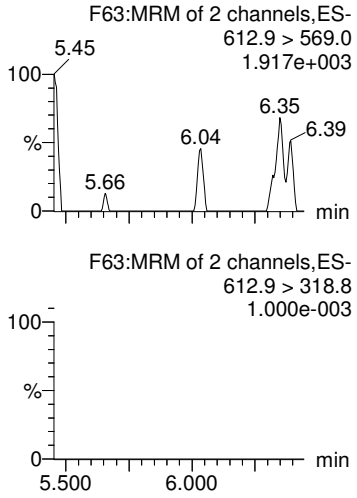
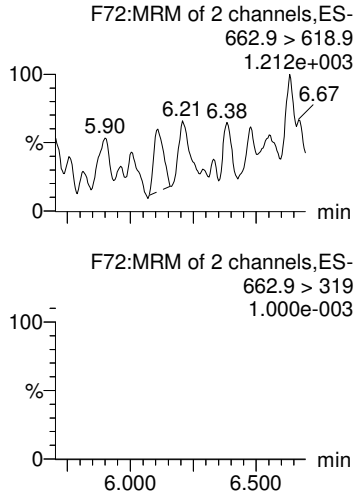


PFDoA



PFTrDA



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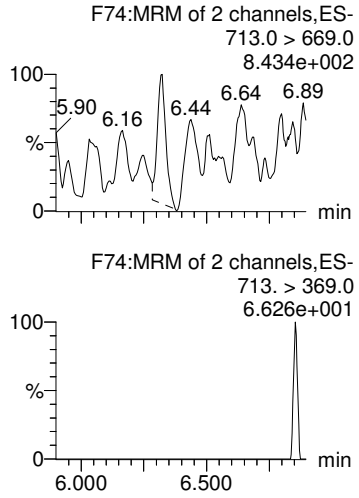

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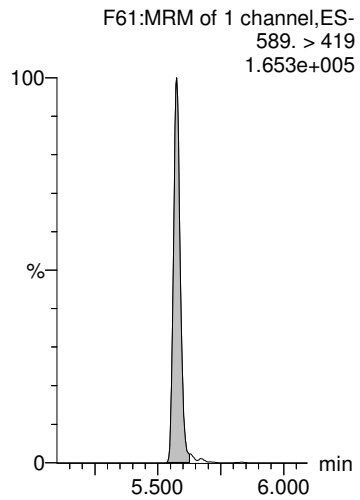

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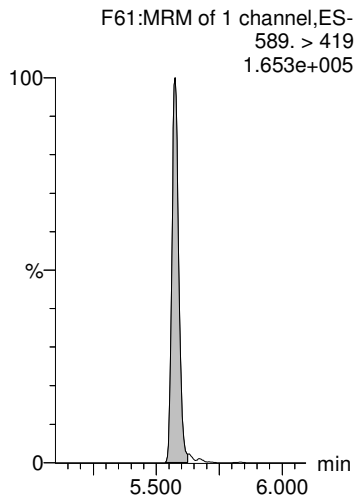

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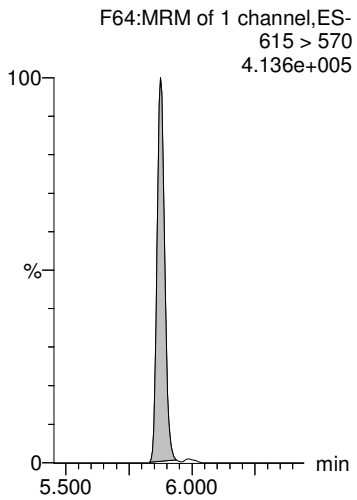

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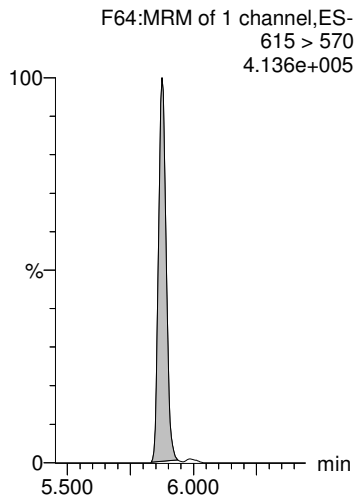

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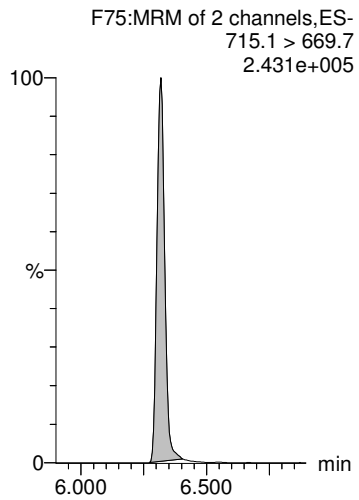

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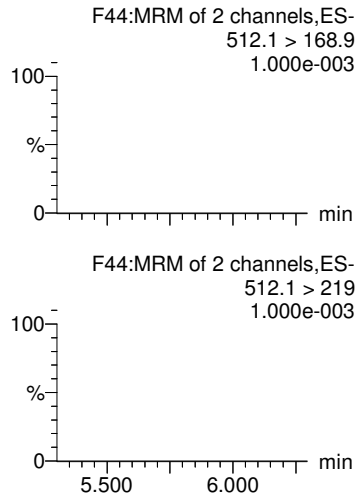
Printed: Thursday, July 02, 2020 18:18:43 Pacific Daylight Time

Name: 200630M1_87, Date: 01-Jul-2020, Time: 06:16:20, ID: 2001271-09 EB-Water Level 0.11306, Description: EB-Water Level

N-MeFOSA



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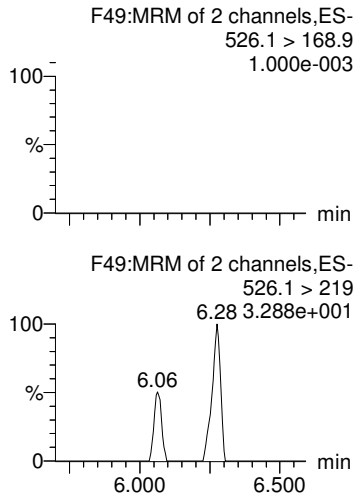

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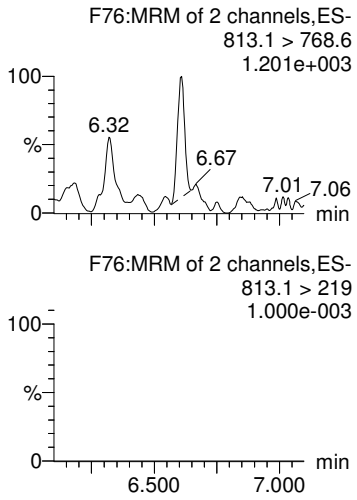
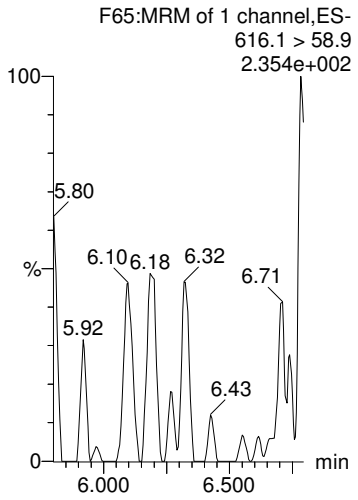
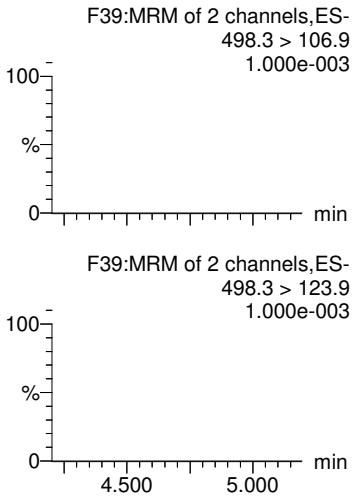


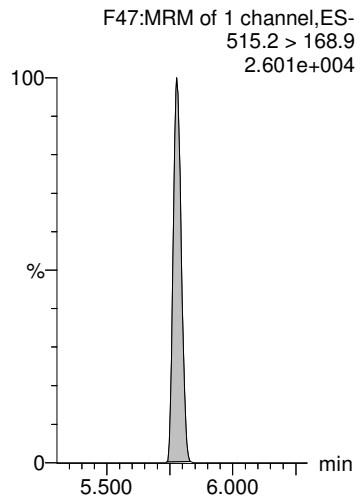
N-MeFOSE



TDCA



d3-N-MeFOSA-EIS



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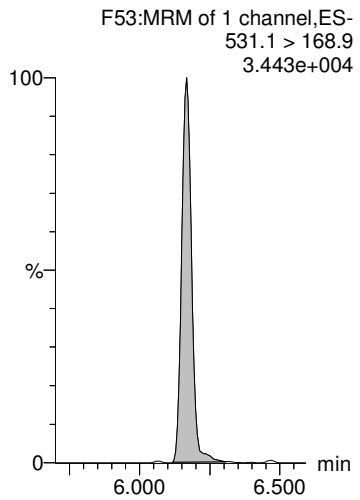
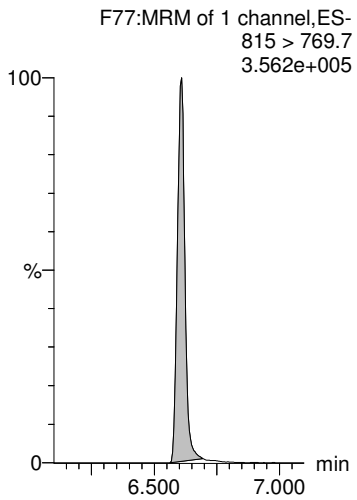


13C2-PFHxDA-EIS



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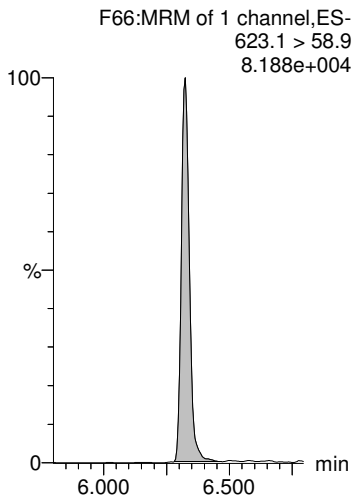
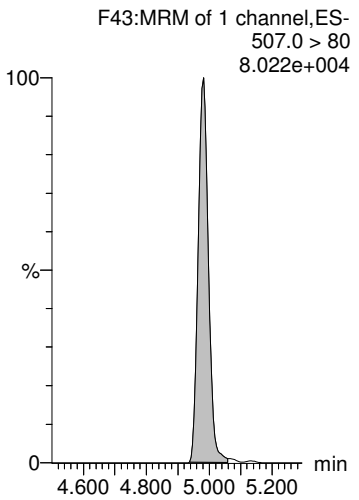


13C8-PFOS-EIS



Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		7.898e3	0.110		1.12						
2	4	PFPeA	263.1 > 218.9		1.103e4	0.110		2.05						
3	5	PFBS	299.0 > 80		1.255e3	0.110		2.34						YES
4	7	PFHxA	313.0 > 269.0		1.170e4	0.110		2.86						YES
5	11	PFHpA	363.0 > 319		1.122e4	0.110		3.48						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	7.898e3		0.110	393.057	1.28	1.12	7900	183.242	160.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.103e4		0.110	796.765	2.03	2.05	11000	126.247	110.8		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1.255e3		0.110	98.097	2.32	2.34	1260	116.689	102.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	1.170e4		0.110	1063.411	2.84	2.86	11700	100.313	88.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	1.122e4		0.110	941.251	3.46	3.48	11200	108.729	95.4		
11	-1													
12	13	L-PFHxS	399 > 79.9		2.596e3	0.110		3.63						YES
13	1...	Total PFHxS	399 > 79.9	0.000e0	2.596e3	0.110		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		1.388e3	0.110		3.93						YES
15	19	PFHpS	449.0 > 80		2.437e3	0.110		4.12						YES
16	21	PFNA	463.0 > 418.8		1.317e4	0.110		4.44						YES
17	61	13C3-PFHxS-EIS	402 > 80	2.596e3		0.110	204.440	3.77	3.63	2600	115.796	101.6		
18	61	13C3-PFHxS-EIS	402 > 80	2.596e3		0.110	204.440	3.77	3.63	2600	115.796	101.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.388e3		0.110	119.666	3.91	3.93	1390	105.768	92.8		
20	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	1.317e4		0.110	1067.216	4.62	4.44	13200	112.540	98.7		
22	-1													
23	16	L-PFOA	413 > 369		1.245e4	0.110		3.99						YES
24	1...	Total PFOA	413 > 369	0.000e0	1.245e4	0.110		4.60		0.000				
25	23	L-PFOS	499 > 80	2.425e1	2.437e3	0.110		4.54	4.43	0.124	1.350		3.33	NO
26	1...	Total PFOS	499> 80	2.425e1	2.437e3	0.110		4.60		0.124	1.350			
27	22	PFOSA	498 > 78		2.333e3	0.110		4.49						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.245e4		0.110	1012.161	4.06	3.99	12500	112.197	98.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.245e4		0.110	1012.161	4.06	3.99	12500	112.197	98.4		
30	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		
31	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		
32	67	13C8-PFOSA-EIS	506 > 78	2.333e3		0.110	433.516	4.57	4.49	2330	49.071	43.0		
33	-1													
34	26	PFDA	513 > 469		1.457e4	0.110		4.83						YES
35	27	8:2 FTS	526.8 > 506.9		1.345e3	0.110		4.80						YES
36	29	L-MeFOSAA	570 > 419		3.450e3	0.110		4.98						YES

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.000e0	3.450e3	0.110		5.19		0.000				
38	33	PFUdA	563.0 > 519		1.418e4	0.110		5.17						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.457e4		0.110	1298.898	4.81	4.83	14600	102.289	89.7		
40	75	13C2-8:2 FTS-EIS	529 > 80	1.345e3		0.110	117.580	4.96	4.80	1350	104.335	91.5		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.450e3		0.110	312.115	5.05	4.98	3450	100.790	88.4		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.450e3		0.110	312.115	5.05	4.98	3450	100.790	88.4		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.418e4		0.110	1115.758	5.15	5.17	14200	115.890	101.7		
44	-1													
45	31	L-EtFOSAA	583.9 > 419		3.313e3	0.110		5.14						YES
46	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	3.313e3	0.110		5.37		0.000				
47	34	PFDS	598.8 >79.9		2.437e3	0.110		5.22						YES
48	37	PFDoA	612.9 > 569.0		1.615e4	0.110		5.45						YES
49	39	PFTrDA	662.9 > 618.9		1.615e4	0.110		5.70						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.313e3		0.110	339.207	5.40	5.14	3310	89.071	78.1		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.313e3		0.110	339.207	5.40	5.14	3310	89.071	78.1		
52	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.615e4		0.110	1391.033	5.58	5.45	16100	105.869	92.9		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	1.615e4		0.110	1391.033	5.58	5.45	16100	105.869	92.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		1.453e4	0.110		5.93						YES
57	38	N-MeFOSA	512.1 > 168.9		2.054e3	0.110		5.56						YES
58	42	N-EtFOSA	526.1 > 168.9		2.624e3	0.110		6.01						YES
59	43	PFHxDA	813 > 769		1.618e4	0.110		6.29						YES
60	45	N-MeFOSE	616.1 > 58.9		7.878e3	0.110		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.453e4		0.110	1441.780	5.92	5.93	14500	91.882	80.6		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.054e3		0.110	124.342	5.42	5.57	2050	150.626	11.1		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.624e3		0.110	152.485	6.02	6.03	2620	156.952	11.5		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.618e4		0.110	1640.473	6.28	6.29	16200	89.945	78.9		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	7.878e3		0.110	141.623	6.25	6.25	7880	507.242	37.3		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		9.004e3	0.110		6.41						
68	1...	TDCA	498.3>106.9			0.110		4.47						YES
69	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		
70	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		
71	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9.004e3		0.110	157.642	6.40	6.41	9000	520.841	38.3		

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	2.437e3		0.110	227.159	4.52	4.54	2440	97.849	85.8		

RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
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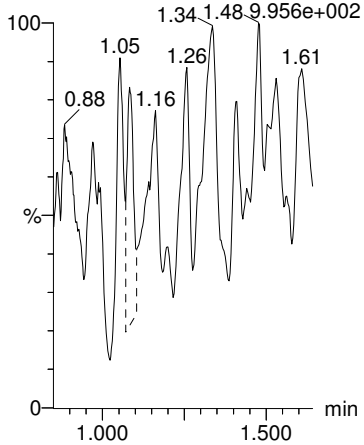
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

PFBA



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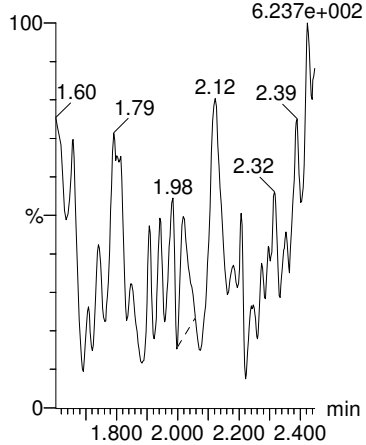

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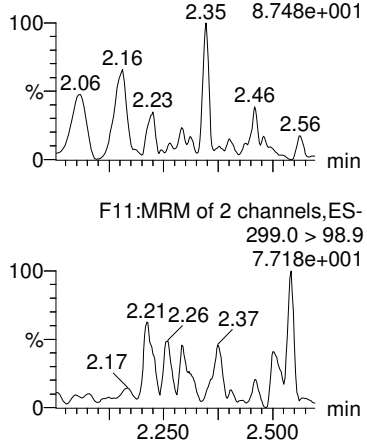
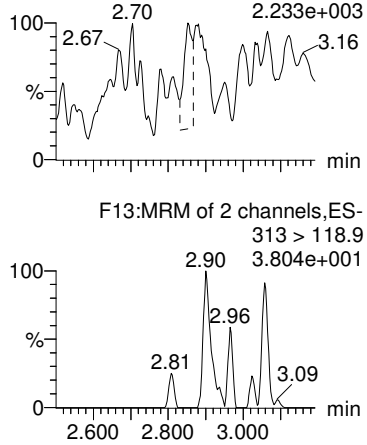
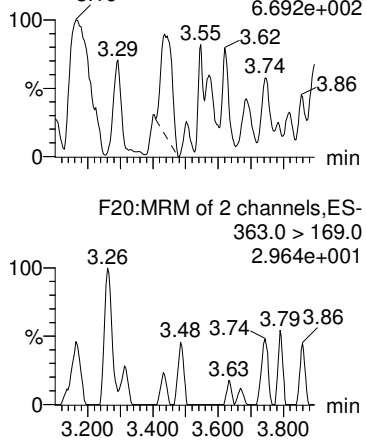


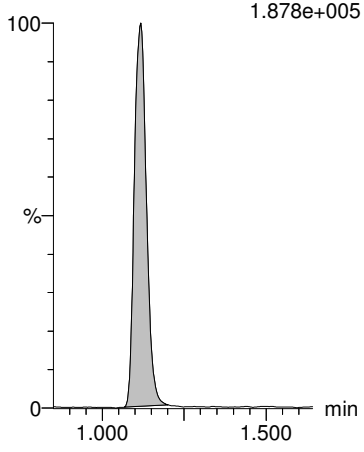
PFHxA



PFHpA



13C3-PFBA-EIS



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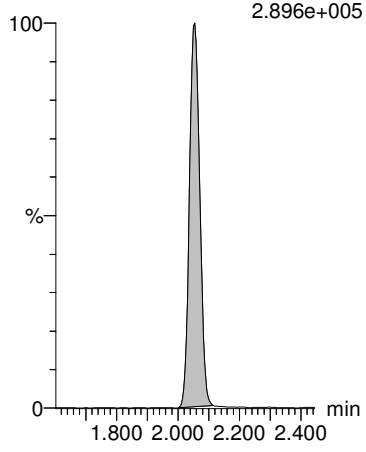
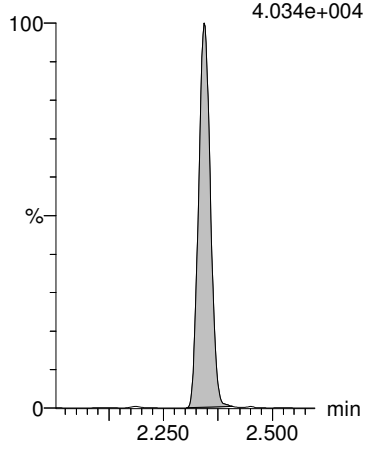
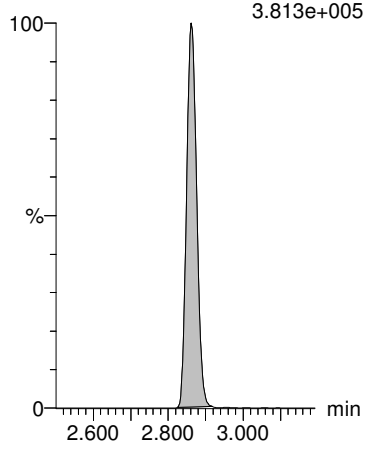


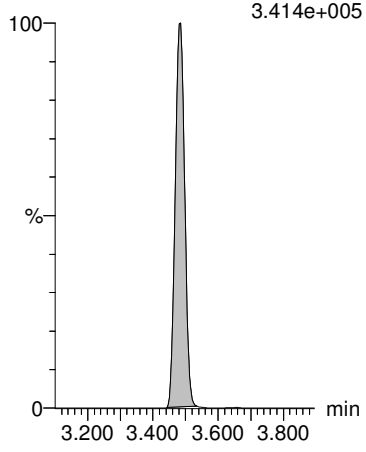
13C3-PFBS-EIS



13C2-PFHxA-EIS



13C4-PFHpA-EIS

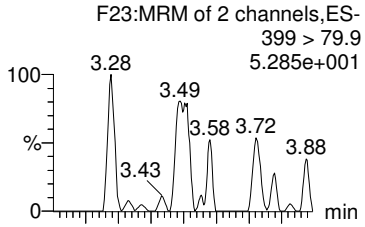


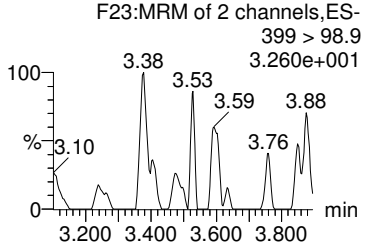
Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

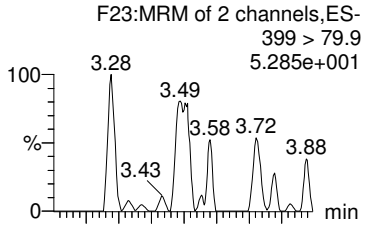
Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

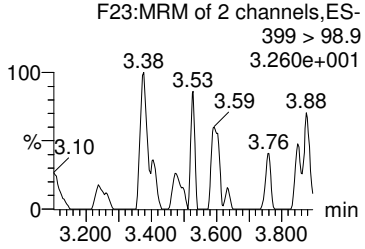
L-PFHxS



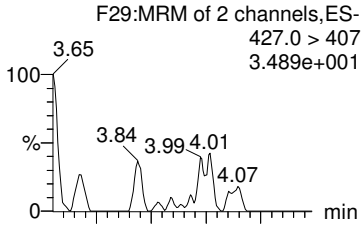


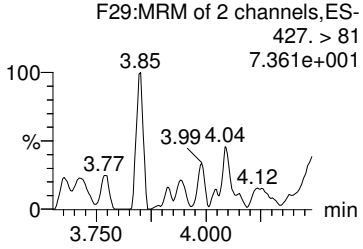
Total PFHxS



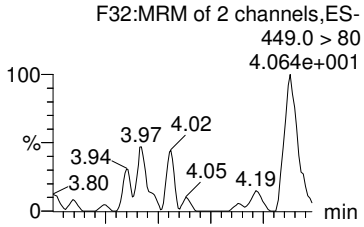


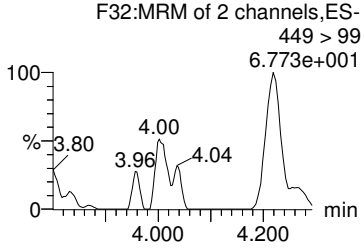
6:2 FTS



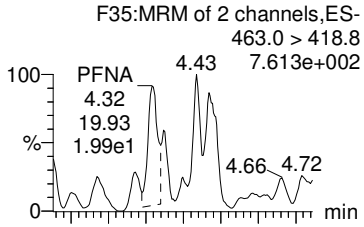


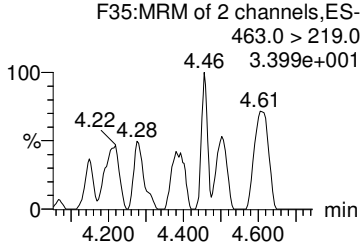
PFHpS





PFNA





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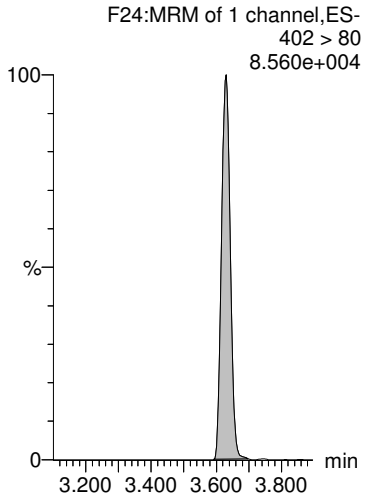

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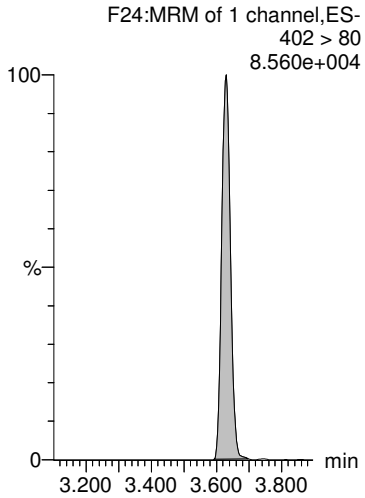
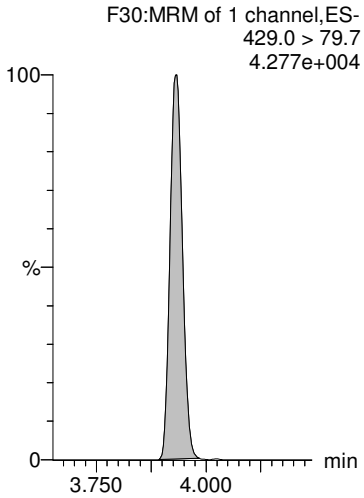
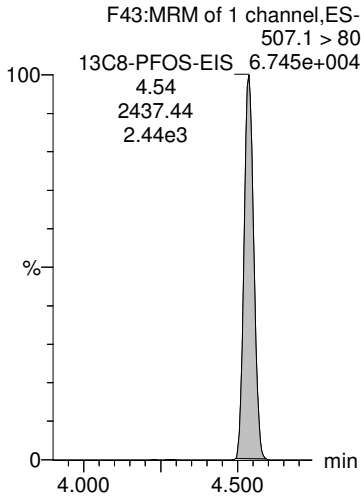


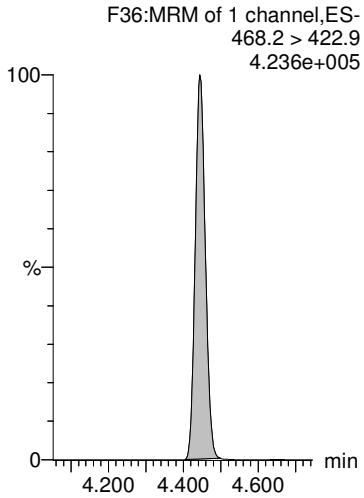
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

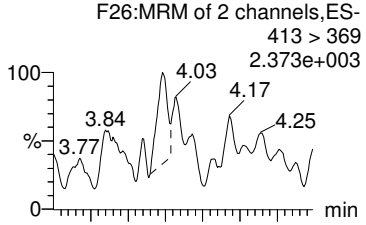


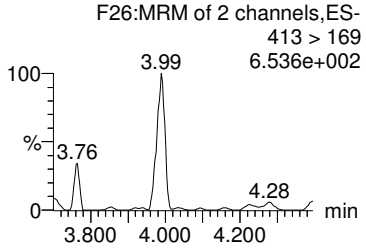
Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

L-PFOA





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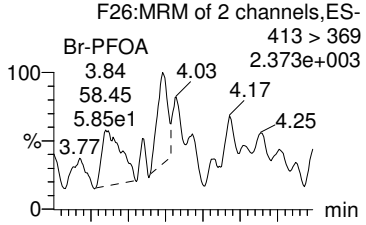
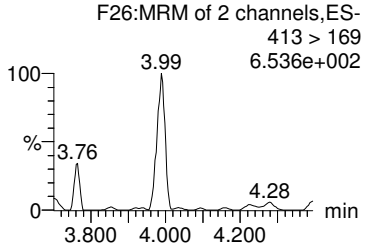
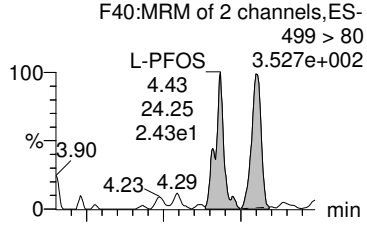
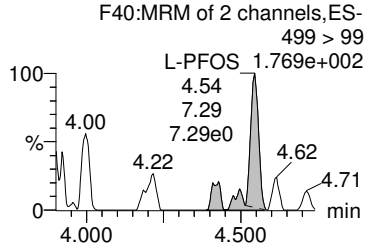


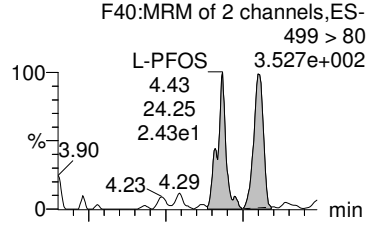


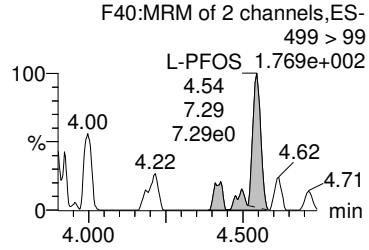
L-PFOS





Total PFOS





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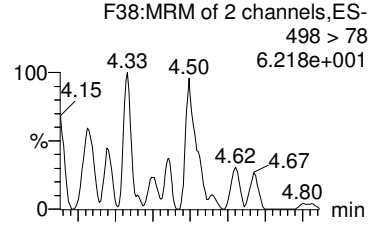
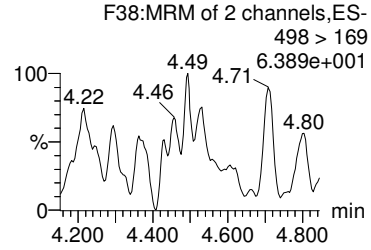
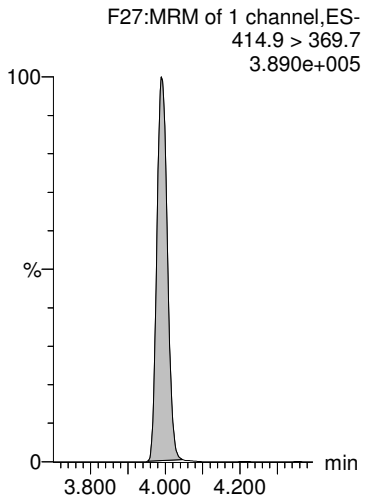




13C2-PFOA-EIS



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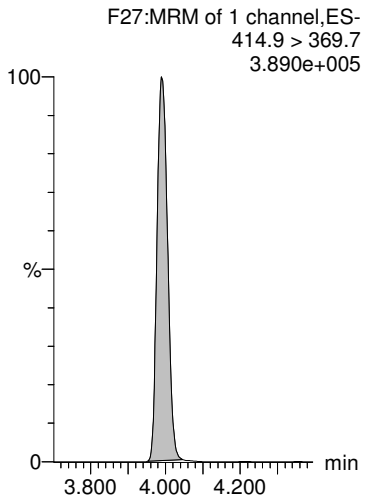
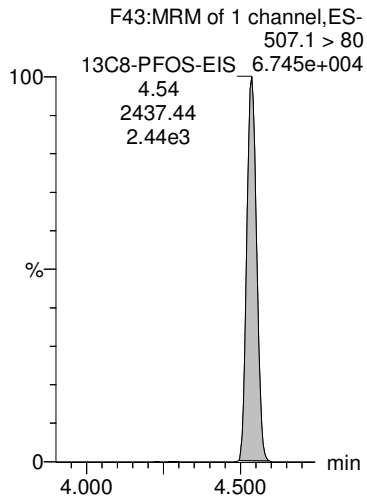


13C8-PFOS-EIS



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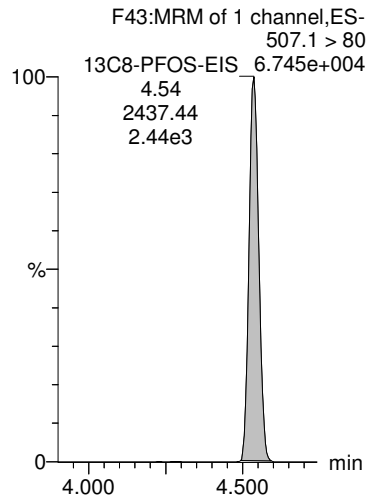

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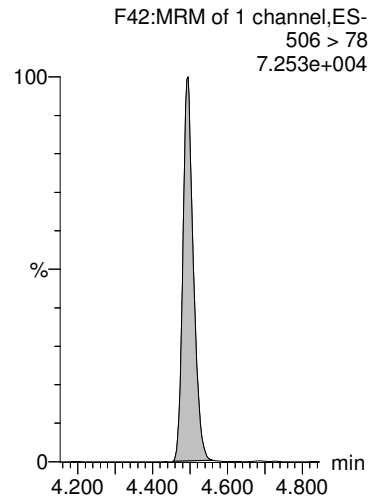

RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

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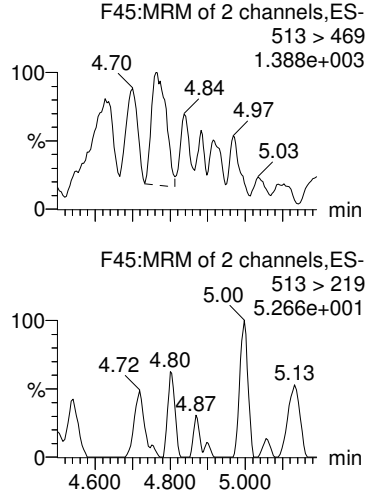
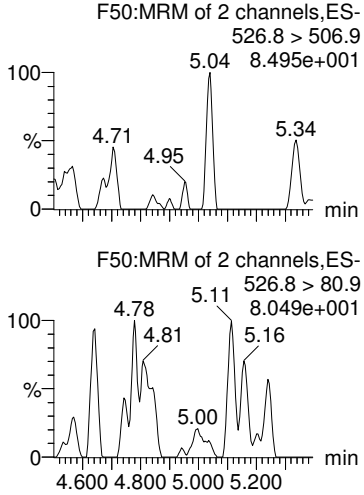
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

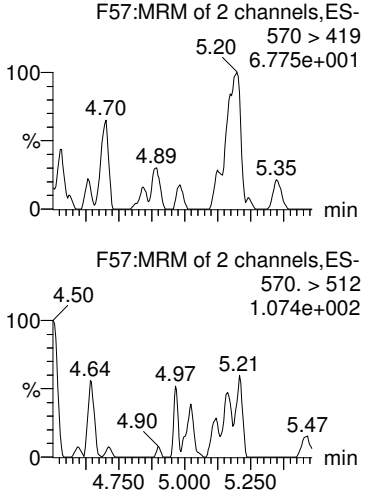
PFDA



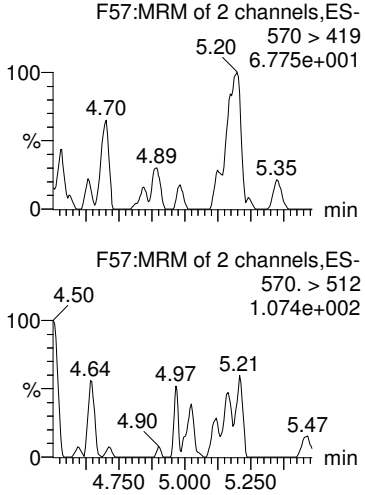
8:2 FTS



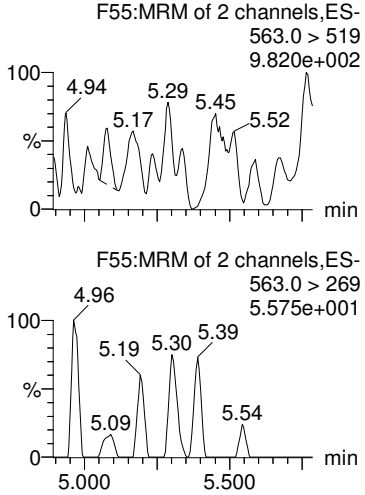
L-MeFOSAA



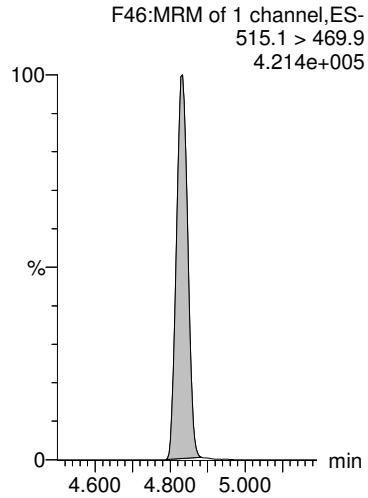
Total N-MeFOSAA



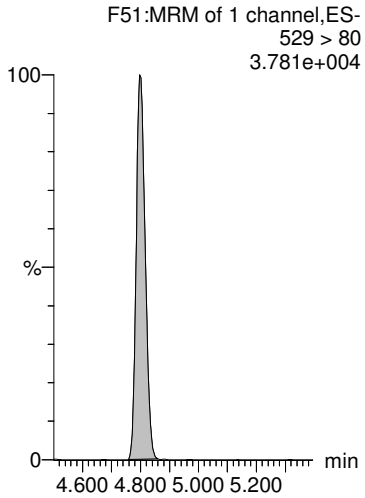
PFUdA



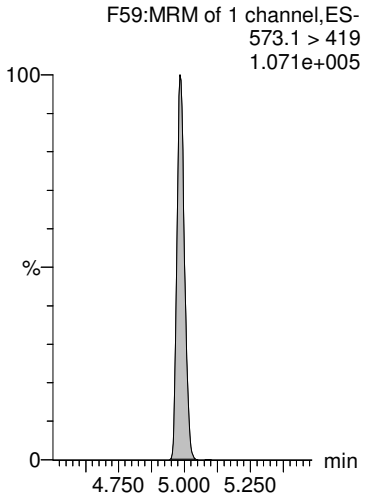
13C2-PFDA-EIS



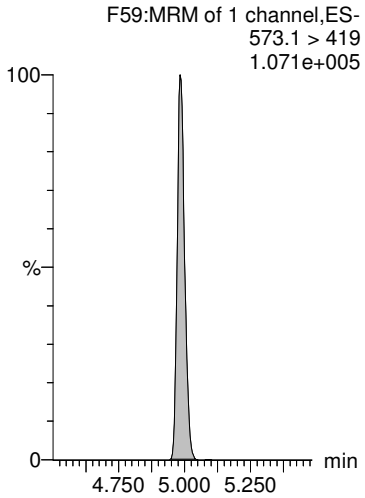
13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



d3-N-MeFOSAA-EIS



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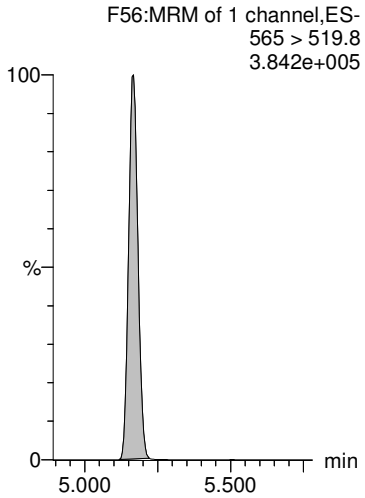


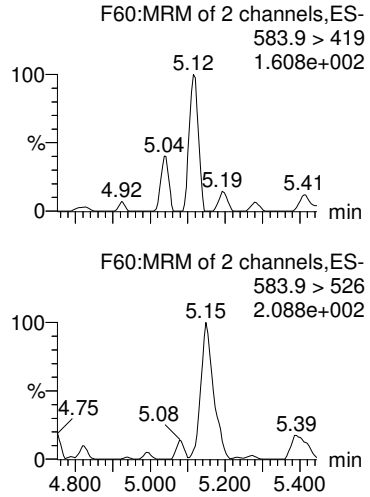
RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

L-EtFOSAA



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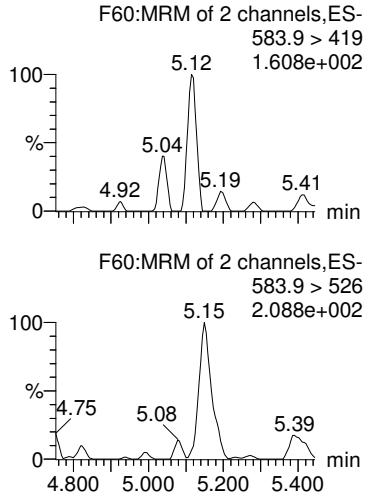
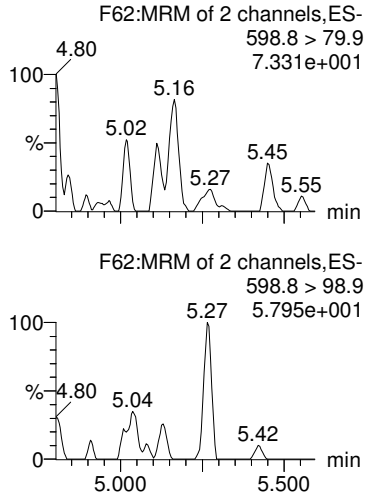
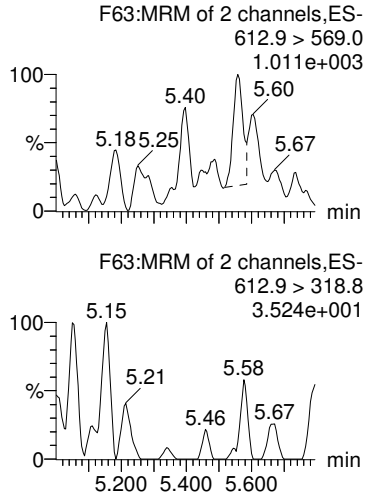


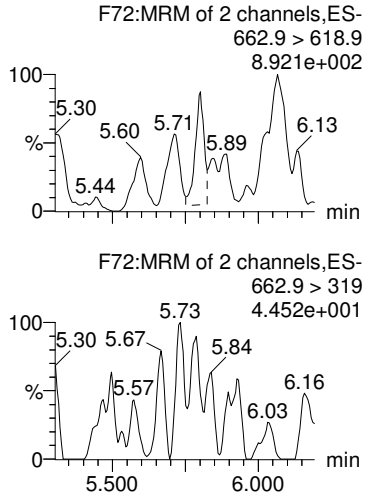
PFDS



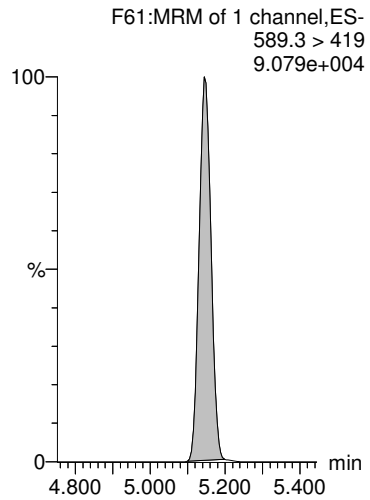
PFDoA



PFTrDA



d5-N-EtFOSAA-EIS



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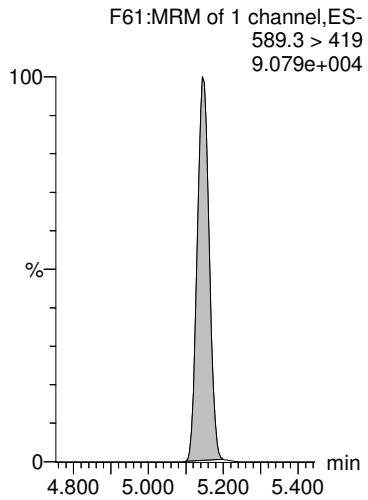

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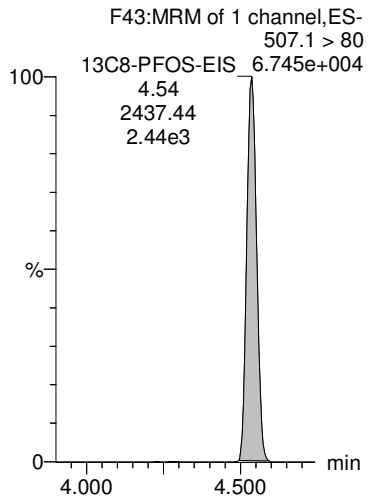

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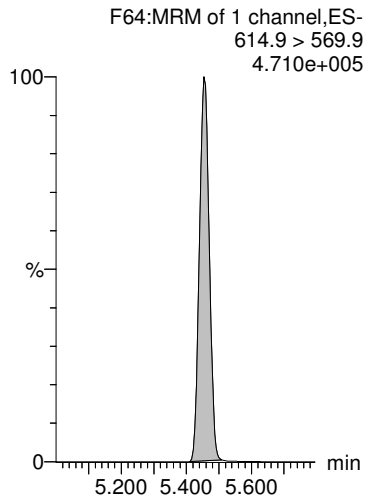

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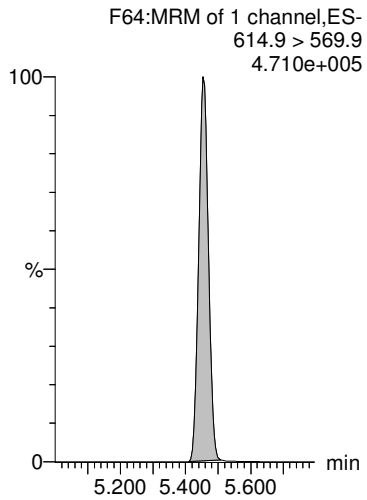

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

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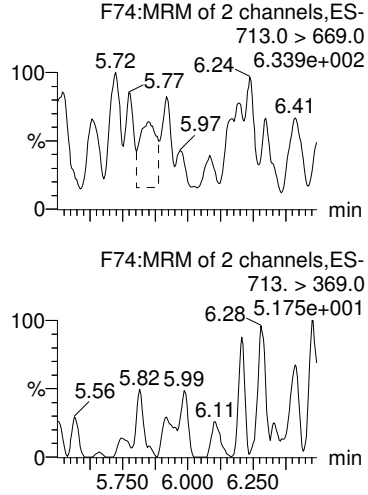
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

PFTeDA



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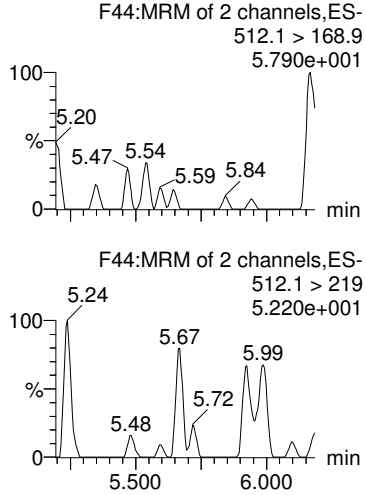
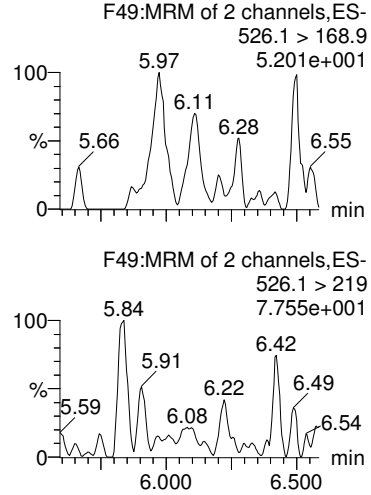
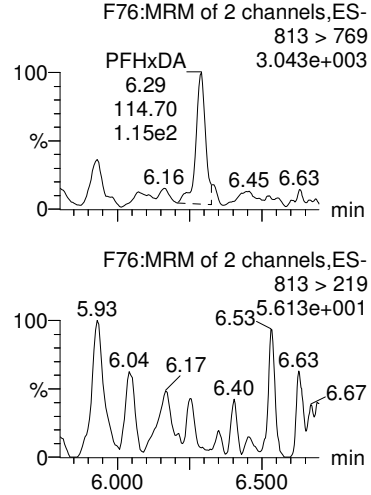


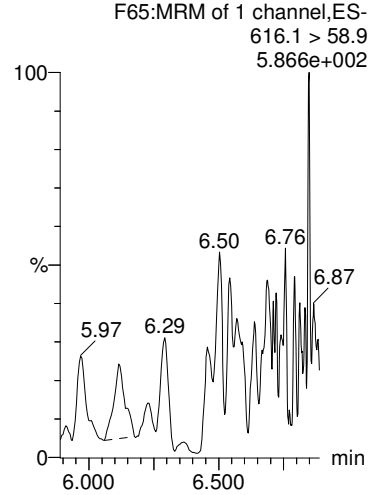
N-EtFOSA



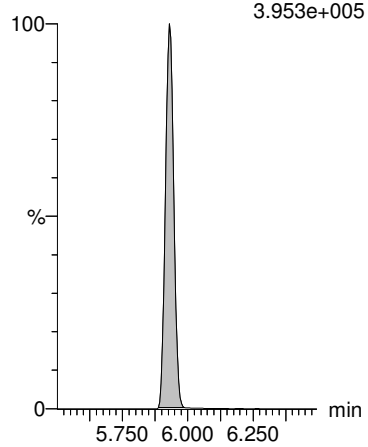
PFHxDA



N-MeFOSE



13C2-PFTeDA-EIS



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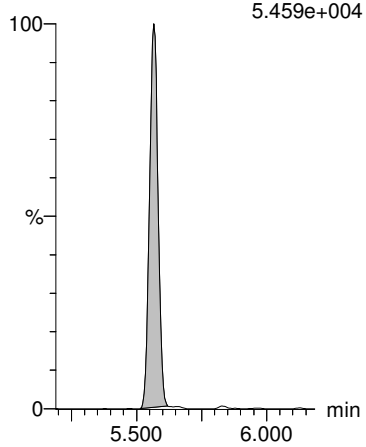
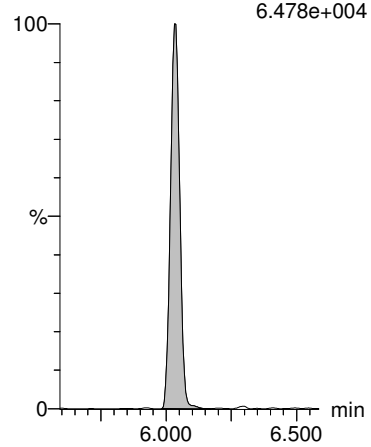


d5-N-ETFOSA-EIS



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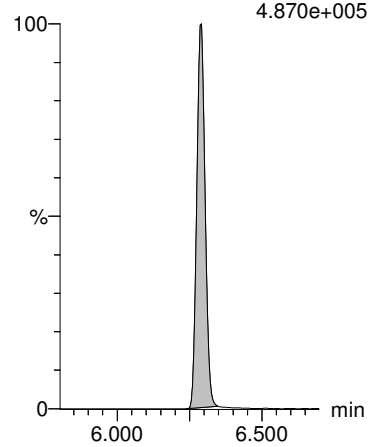

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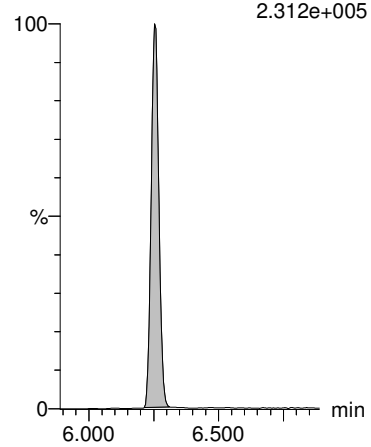


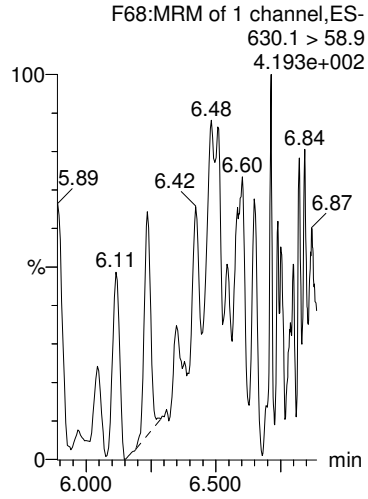
RK 7/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200629P1\200629P1-76.qld

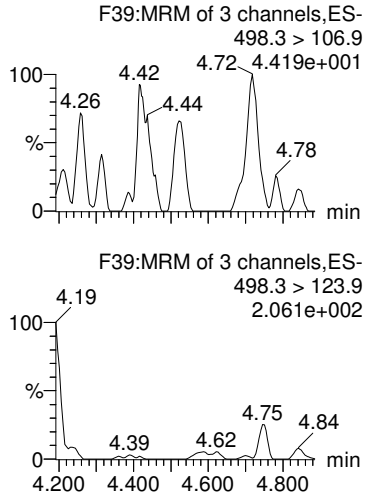
Last Altered: Thursday, July 02, 2020 19:04:18 Pacific Daylight Time
Printed: Thursday, July 02, 2020 19:06:28 Pacific Daylight Time

Name: 200629P1-76, Date: 30-Jun-2020, Time: 00:21:48, ID: 2001271-09RE1 EB-Water Level 0.10966, Description: EB-Water Level

N-EtFOSE



TDCA



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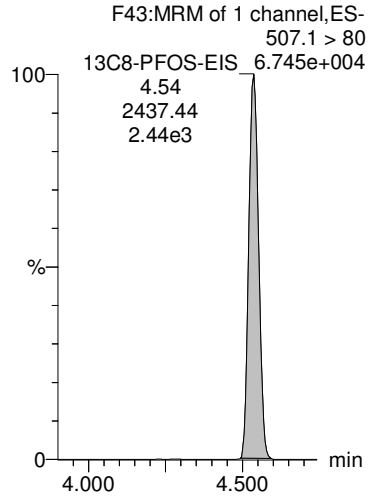

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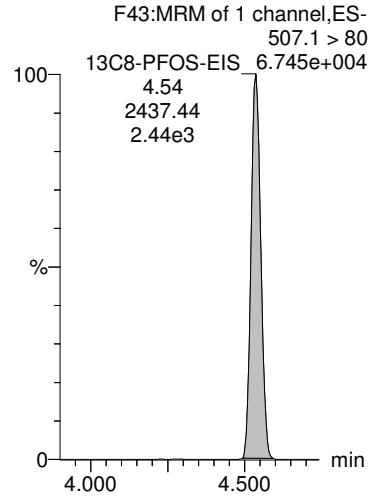

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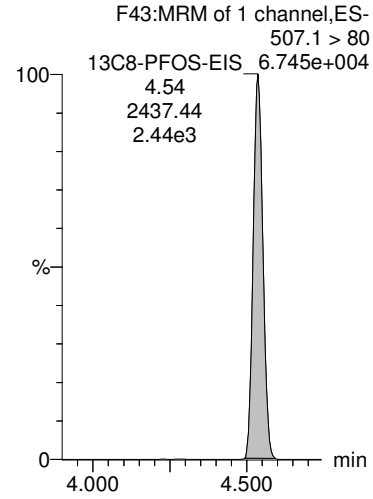

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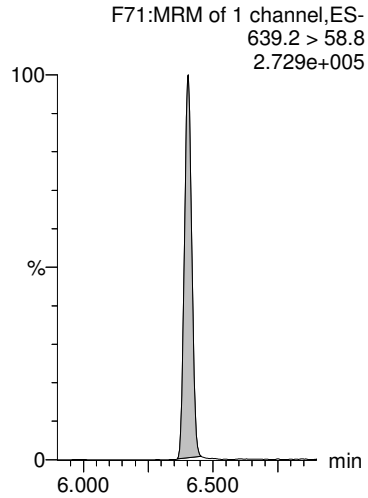
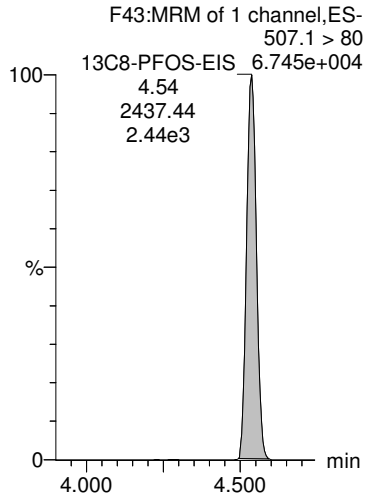


13C8-PFOS-EIS



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OC 7/6/2020

Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-64.qld

Last Altered: Thursday, July 02, 2020 16:52:49 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:53:16 Pacific Daylight Time

Name: 200623P1-64, Date: 23-Jun-2020, Time: 21:57:25, ID: 2001271-10 GW-AE-3B 0.10992, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	22	PFOSA	498 > 78	1.932e2	2.813e3	0.110		4.49	4.49	0.859	11.307	12.4	28.325	NO
2	46	N-EtFOSE	630.1 > 58.9		1.176e4	0.110		6.38						
3	67	13C8-PFOSA-EIS	506 > 78	2.813e3		0.110	461.908	4.57	4.49	2810	55.397	48.7		
4	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.176e4		0.110	170.570	6.38	6.38	11800	627.369	46.2		
5	-1													

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Vista Analytical Laboratory

OC 7/6/2020

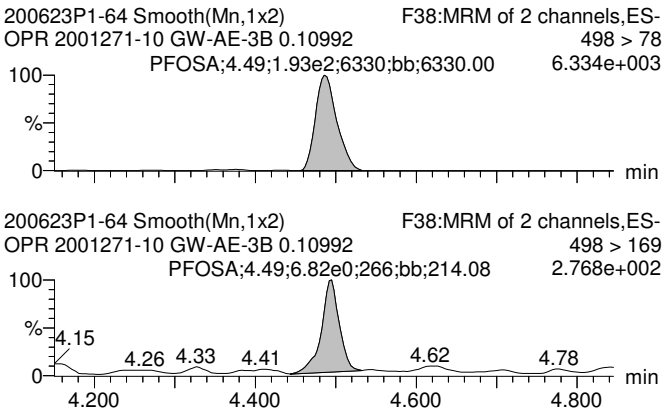
Dataset: P:\PFAS5.PRO\RESULTS\200623P1\200623P1-64.qld

Last Altered: Thursday, July 02, 2020 16:52:49 Pacific Daylight Time
Printed: Thursday, July 02, 2020 16:53:16 Pacific Daylight Time

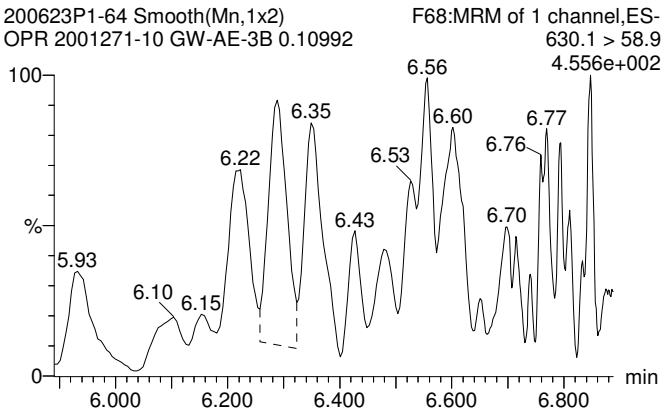
Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 02 Jul 2020 16:52:30
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-64, Date: 23-Jun-2020, Time: 21:57:25, ID: 2001271-10 GW-AE-3B 0.10992, Description: OPR

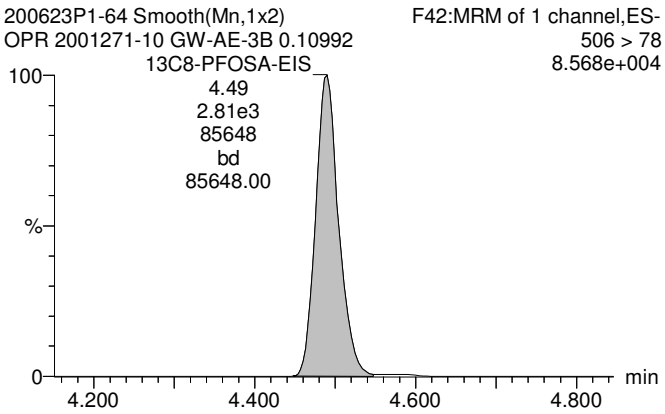
PFOSA



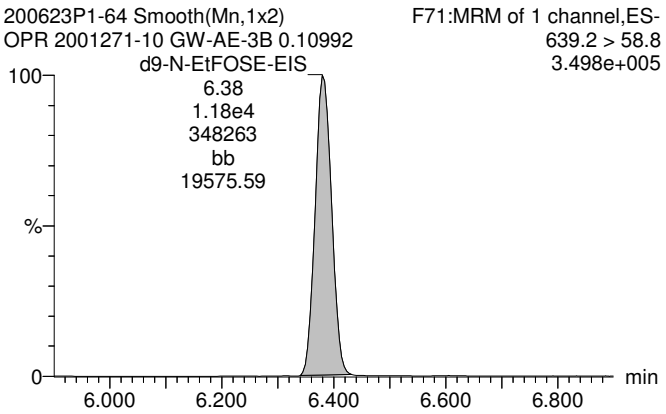
N-EtFOSE



13C8-PFOSA-EIS



d9-N-EtFOSE-EIS



RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-88.qld

Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:25:21 Pacific Daylight Time

Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	8.492e2	3.207e3	0.110		1.53	1.53	3.31	19.642			
2	4	PFPeA	263.1 > 218.9	1.426e3	4.604e3	0.110		2.53	2.54	3.87	37.369			
3	5	PFBS	299.0 > 79.7	1.036e2	1.236e3	0.110		2.82	2.82	1.05	4.095		2.50	NO
4	7	PFHxA	313.0 > 269.0	5.253e3	7.821e3	0.110		3.35	3.35	8.40	67.053		19.5	NO
5	11	PFHpA	363.0 > 318.9	4.957e3	4.690e3	0.110		3.95	3.95	13.2	96.775		8.07	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.207e3		0.110	371.472	1.61	1.53	3210	78.550	69.1		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.604e3		0.110	440.123	2.61	2.53	4600	95.164	83.7		
8	51	13C3-PFBS-EIS	302.0 > 99	1.236e3		0.110	108.310	2.97	2.82	1240	103.833	91.3		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.821e3		0.110	775.415	3.41	3.35	7820	91.759	80.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.690e3		0.110	449.866	4.01	3.95	4690	94.849	83.4		
11	-1													
12	13	L-PFHxS	399 > 80.0	3.615e2	2.972e3	0.110		4.09	4.09	1.52	13.356		1.26	NO
13	1...	Total PFHxS	399 > 80	3.615e2	2.972e3	0.110		3.83		1.52	13.356			
14	15	6:2 FTS	427 > 407.0	1.298e1	1.550e3	0.110		4.41	4.41	0.105	0.445		1.11	NO
15	19	PFHpS	448.9 > 80.0	3.540e1	2.982e3	0.110		4.56	4.57	0.148	1.915		3.35	NO
16	21	PFNA	463.0 > 418.8	4.663e3	8.512e3	0.110		4.90	4.90	6.85	43.433		3.80	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.972e3		0.110	253.746	4.16	4.09	2970	106.549	93.7		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.972e3		0.110	253.746	4.16	4.09	2970	106.549	93.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.550e3		0.110	112.797	4.48	4.41	1550	125.029	109.9		
20	73	13C8-PFOS-EIS	507.0 > 80	2.982e3		0.110	253.261	5.04	4.98	2980	107.125	94.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.512e3		0.110	780.691	4.96	4.90	8510	99.187	87.2		
22	-1													
23	16	L-PFOA	412.8 > 368.9	3.755e4	1.057e4	0.110		4.47	4.47	44.4	260.529		3.60	NO
24	1...	Total PFOA	412.8 > 368.9	3.755e4	1.057e4	0.110		4.20		44.4	260.529			
25	23	L-PFOS	499 > 80	2.397e3	2.982e3	0.110		4.98	4.98	10.0	92.733		2.33	NO
26	1...	Total PFOS	499 > 80	2.397e3	2.982e3	0.110		4.73		10.0	92.733			
27	26	PFDA	513 > 468.8	9.319e2	8.358e3	0.110		5.27	5.27	1.39	7.681		4.98	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	1.057e4		0.110	1032.548	4.53	4.47	10600	93.119	81.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	1.057e4		0.110	1032.548	4.53	4.47	10600	93.119	81.9		
30	73	13C8-PFOS-EIS	507.0 > 80	2.982e3		0.110	253.261	5.04	4.98	2980	107.125	94.2		
31	73	13C8-PFOS-EIS	507.0 > 80	2.982e3		0.110	253.261	5.04	4.98	2980	107.125	94.2		
32	75	13C2-PFDA-EIS	515.1 > 469.9	8.358e3		0.110	863.274	5.33	5.27	8360	88.076	77.5		
33	-1													
34	27	8:2 FTS	526.9 > 507.0	4.638e1	1.959e3	0.110		5.24	5.24	0.296	1.372		6.11	NO
35	29	L-MeFOSAA	570 > 419		7.742e3	0.110		5.42						YES
36	1...	Total N-MeFOSAA	570. > 419	0.000e0	7.742e3	0.110		5.17		0.000				

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Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-88.qld

Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
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Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	33	PFUdA	563.0 > 518.9		1.496e4	0.110		5.60						YES
38	34	PFDS	599.0 > 80.0		2.982e3	0.110		5.70						YES
39	77	13C2-8:2 FTS-EIS	528.9 > 79.9	1.959e3		0.110	200.576	5.31	5.24	1960	88.838	78.1		
40	79	d3-N-MeFOSAA-EIS	573. > 419	7.742e3		0.110	772.961	5.48	5.42	7740	91.119	80.1		
41	79	d3-N-MeFOSAA-EIS	573. > 419	7.742e3		0.110	772.961	5.48	5.42	7740	91.119	80.1		
42	81	13C2-PFUdA-EIS	565 > 519.8	1.496e4		0.110	1406.602	5.65	5.60	15000	96.753	85.1		
43	73	13C8-PFOS-EIS	507.0 > 80	2.982e3		0.110	253.261	5.04	4.98	2980	107.125	94.2		
44	-1													
45	31	L-EtFOSAA	583.9 > 419	1.150e2	6.084e3	0.110		5.57	5.58	0.236	3.118		0.729	NO
46	1...	Total N-EtFOSAA	583.9 > 419	1.150e2	6.084e3	0.110		5.33		0.236	3.118			
47	37	PFDoA	612.9 > 569.0		1.526e4	0.110		5.88						YES
48	39	PFTrDA	662.9 > 618.9		1.526e4	0.110		6.14						YES
49	41	PFTeDA	713.0 > 669.0		9.358e3	0.110		6.31						YES
50	83	d5-N-EtFOSAA-EIS	589. > 419	6.084e3		0.110	680.656	5.63	5.57	6080	81.319	71.5		
51	83	d5-N-EtFOSAA-EIS	589. > 419	6.084e3		0.110	680.656	5.63	5.57	6080	81.319	71.5		
52	85	13C2-PFDoA-EIS	615 > 570	1.526e4		0.110	1620.087	5.93	5.88	15300	85.714	75.4		
53	85	13C2-PFDoA-EIS	615 > 570	1.526e4		0.110	1620.087	5.93	5.88	15300	85.714	75.4		
54	91	13C2-PFTeDA-EIS	715.1 > 669.7	9.358e3		0.110	1080.991	6.37	6.31	9360	78.759	69.3		
55	-1													
56	38	N-MeFOSA	512.1 > 168.9		1.686e3	0.110		5.77						YES
57	42	N-EtFOSA	526.1 > 168.9		2.429e3	0.110		6.14						YES
58	43	PFHxDA	813.1 > 768.6	4.274e1	1.273e4	0.110		6.60	6.60	0.0420			72.0	NO
59	45	N-MeFOSE	616.1 > 58.9		4.914e3	0.110		6.32						
60	1...	TDCA	498.3>106.9			0.110		4.69						YES
61	89	d3-N-MeFOSA-EIS	515.2 > 168.9	1.686e3		0.110	84.650	5.81	5.78	1690	181.209	13.4		
62	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.429e3		0.110	120.333	6.18	6.16	2430	183.619	13.5		
63	95	13C2-PFHxDA-EIS	815 > 769.7	1.273e4		0.110	1527.484	6.65	6.60	12700	75.796	66.7		
64	97	d7-N-MeFOSE-EIS	623.1 > 58.9	4.914e3		0.110	71.023	6.25	6.32	4910	629.496	46.4		
65	73	13C8-PFOS-EIS	507.0 > 80	2.982e3		0.110	253.261	5.04	4.98	2980	107.125	94.2		

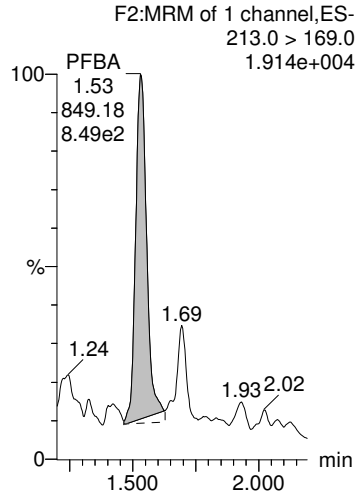
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-88.qld

Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:25:21 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 02 Jul 2020 18:19:51
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

PFBA



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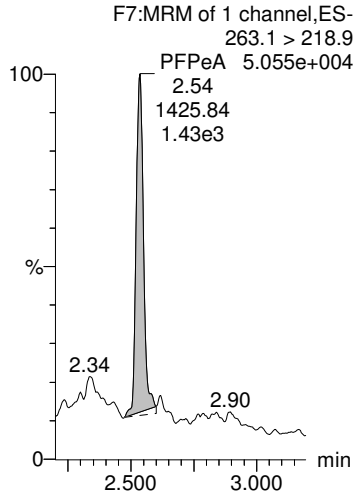

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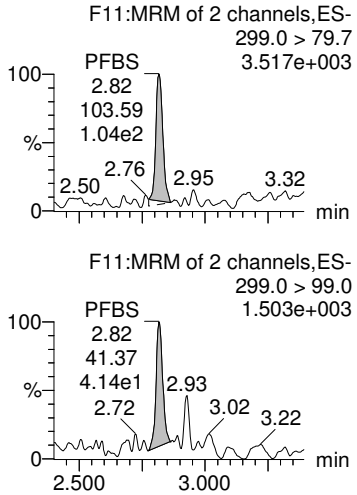

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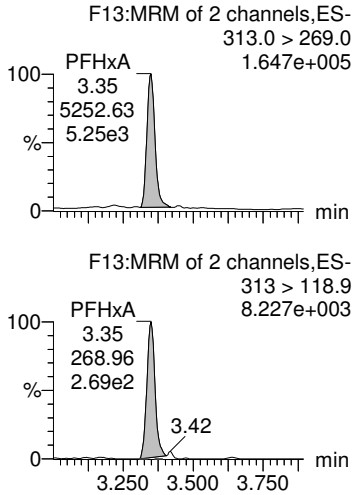

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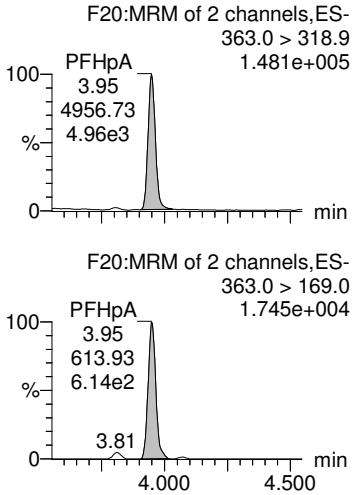

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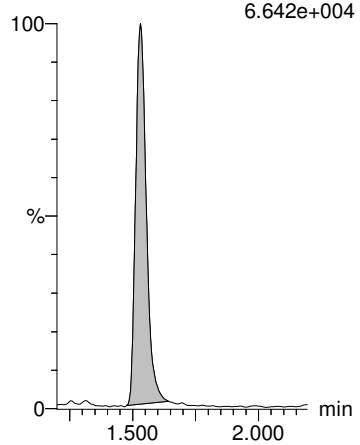

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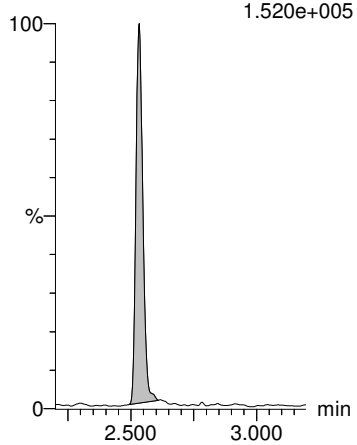

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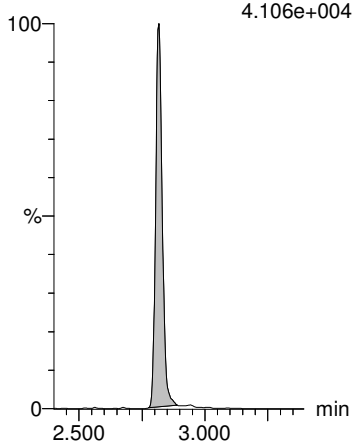

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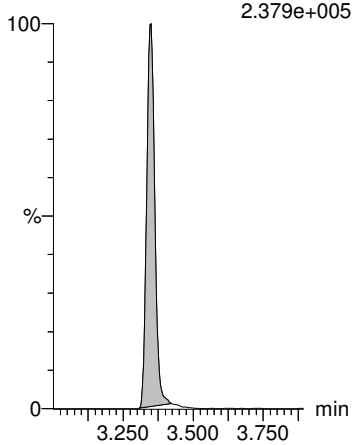

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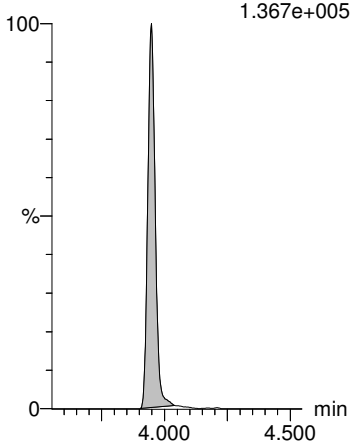

RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-88.qld

Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:25:21 Pacific Daylight Time

Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

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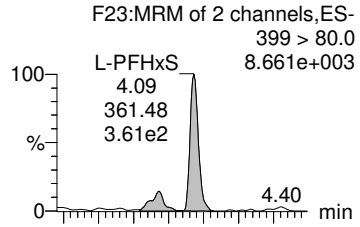

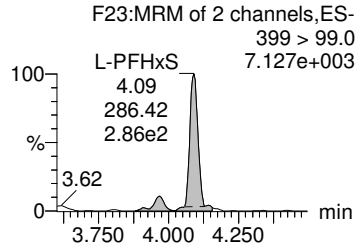

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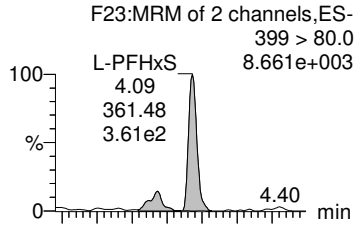
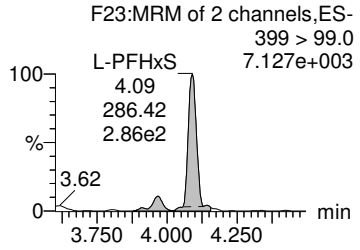
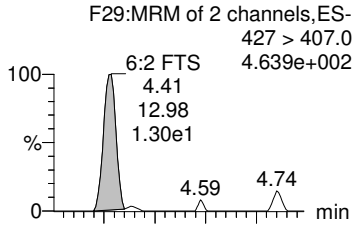
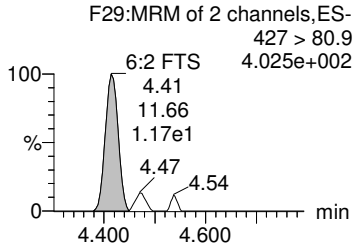




6:2 FTS





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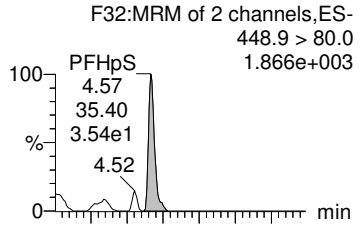

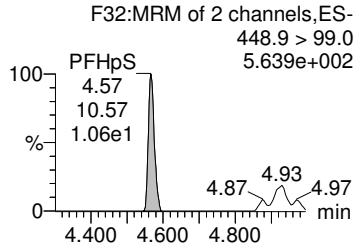

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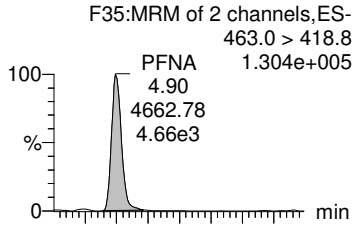

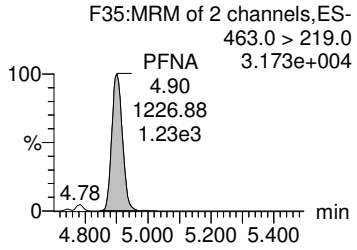

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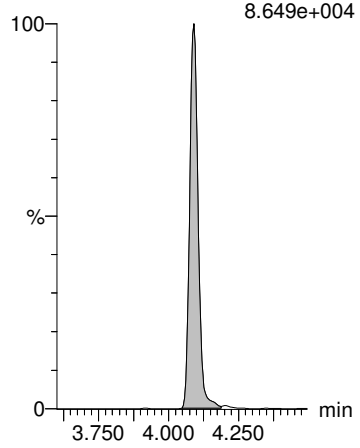

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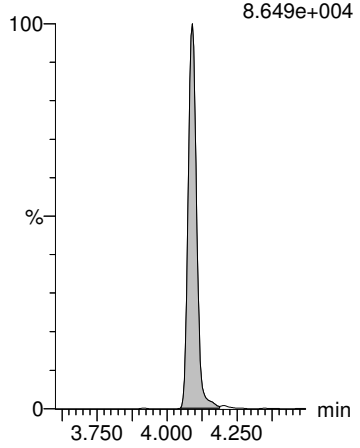

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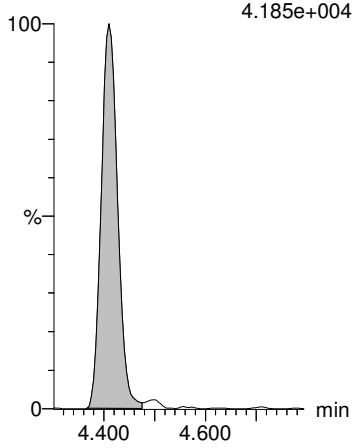

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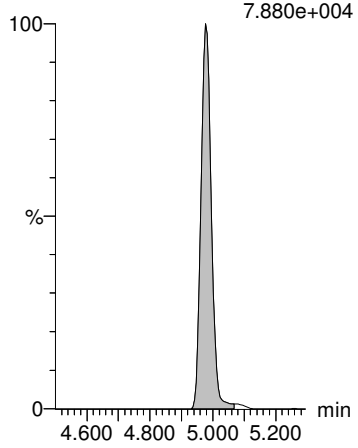

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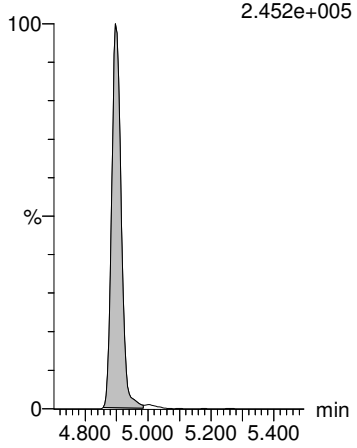


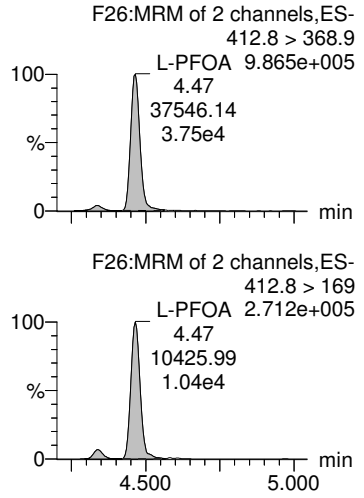
RK 7/2/2020

Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-88.qld

Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:25:21 Pacific Daylight Time

Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

L-PFOA



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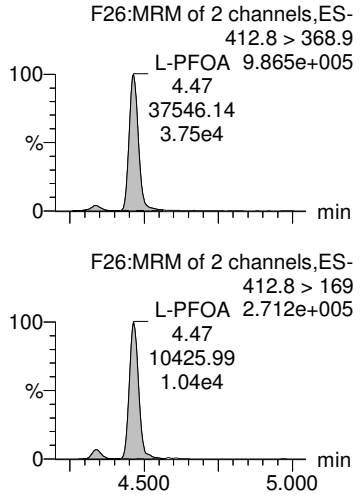
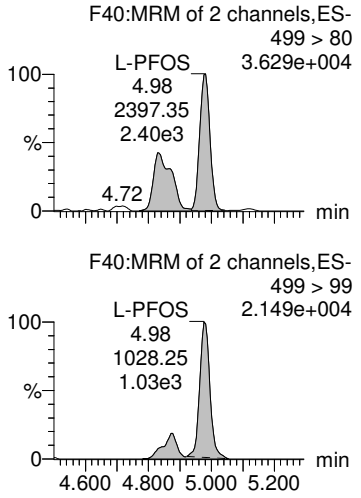


L-PFOS



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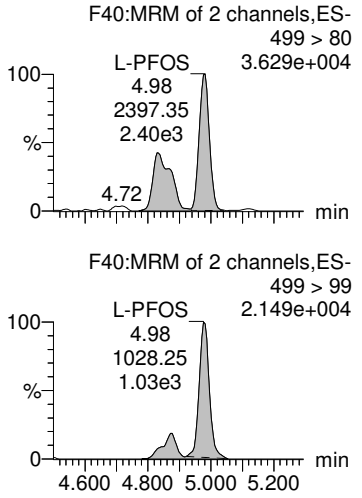

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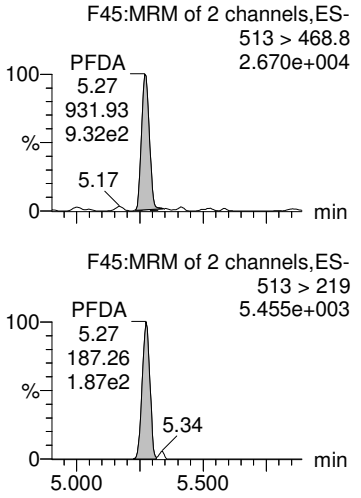

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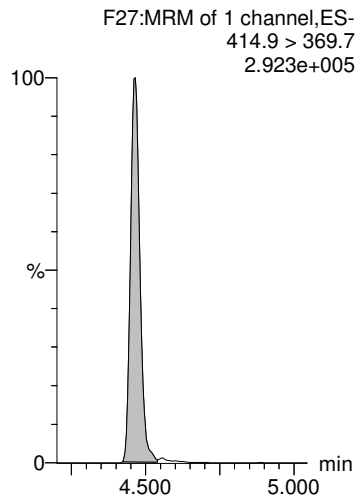

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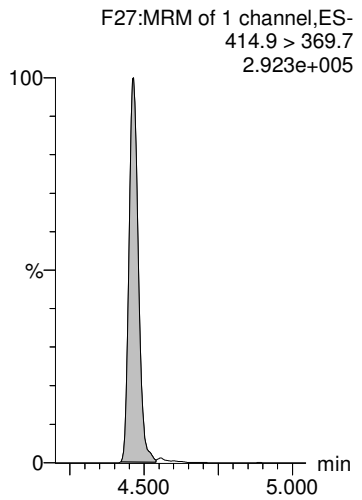

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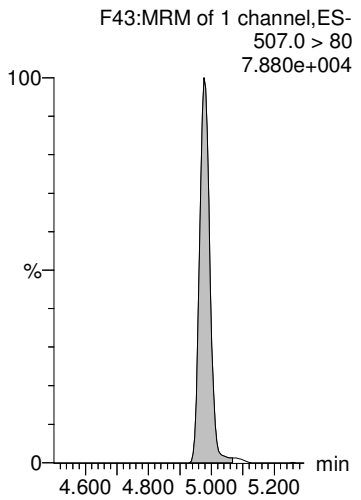

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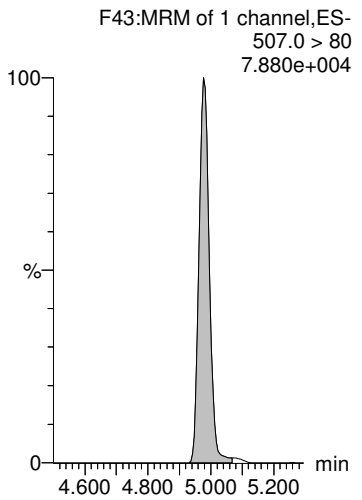

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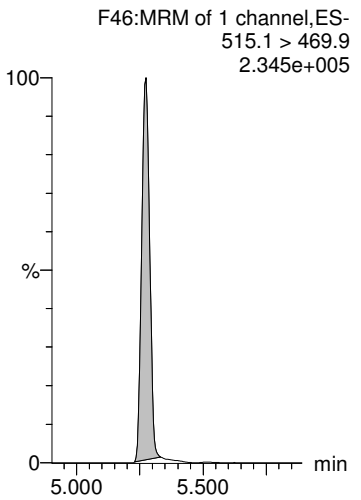

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Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
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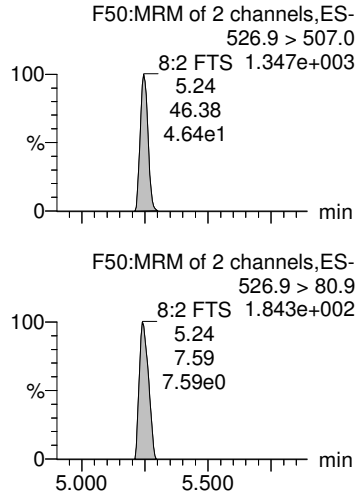
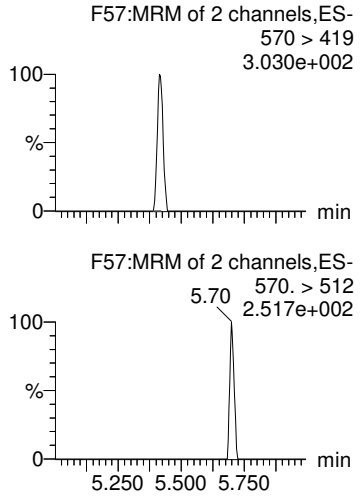
Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

8:2 FTS



L-MeFOSAA



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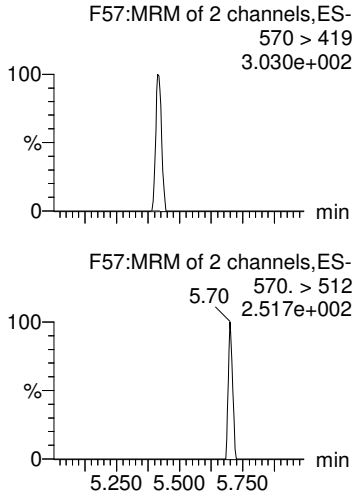

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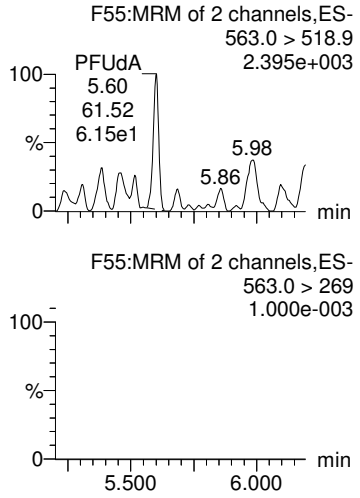

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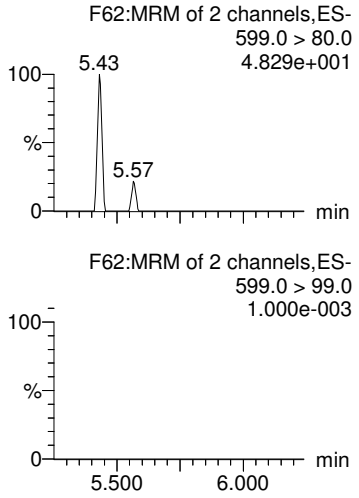

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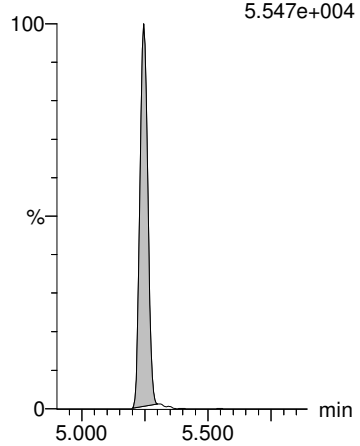
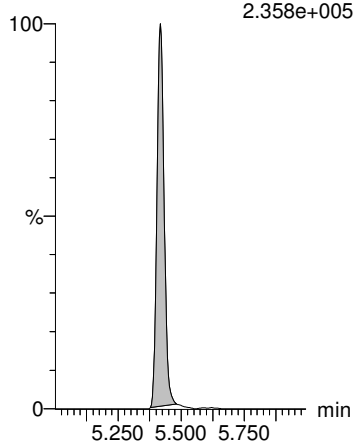


d3-N-MeFOSAA-EIS



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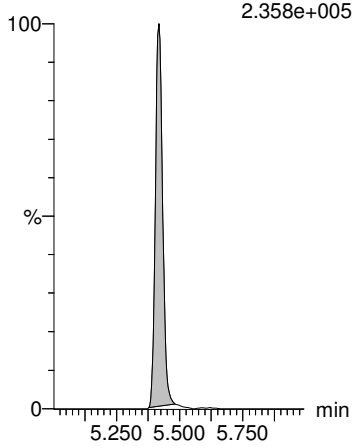

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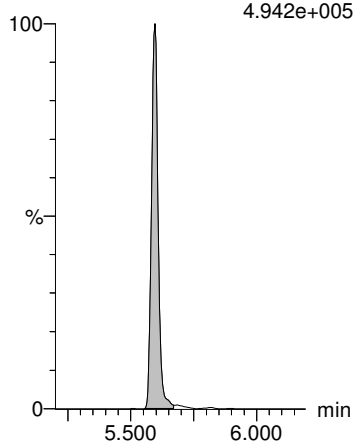

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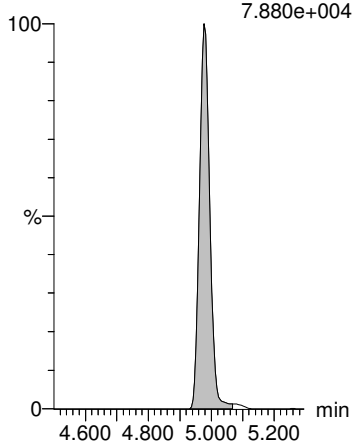

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Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
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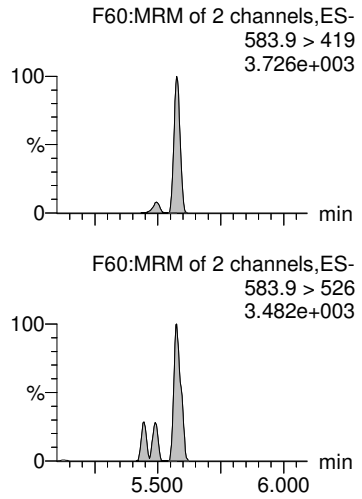
Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

L-EtFOSAA



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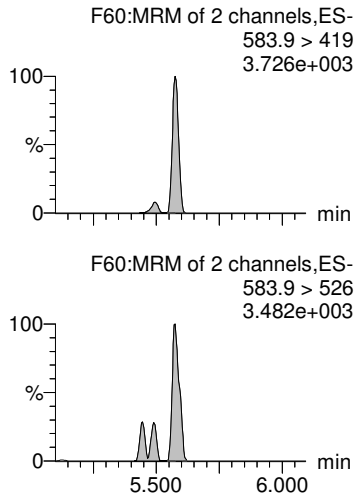
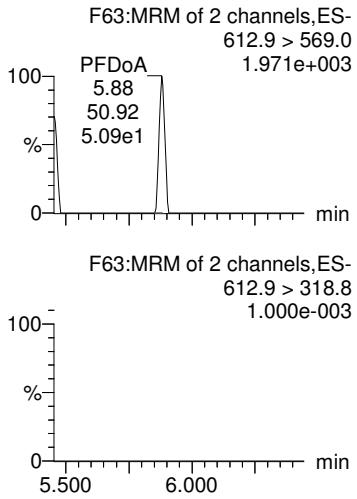
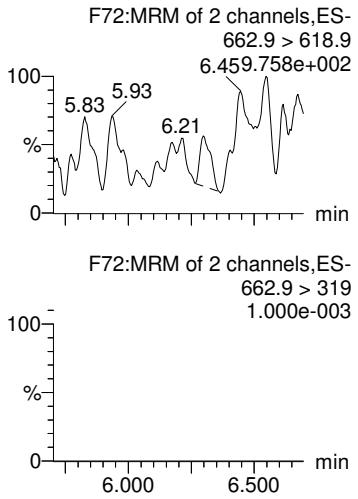


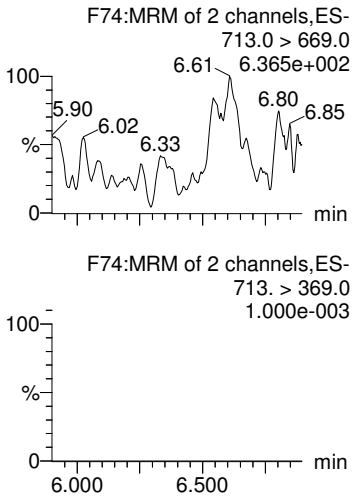
PFDoA



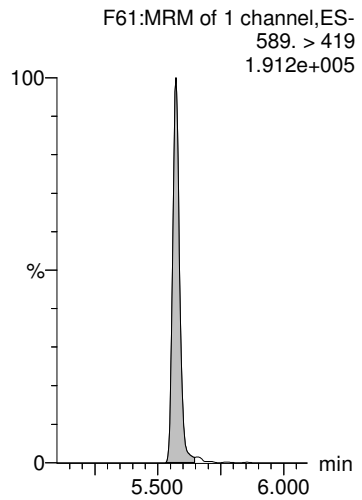
PFTrDA



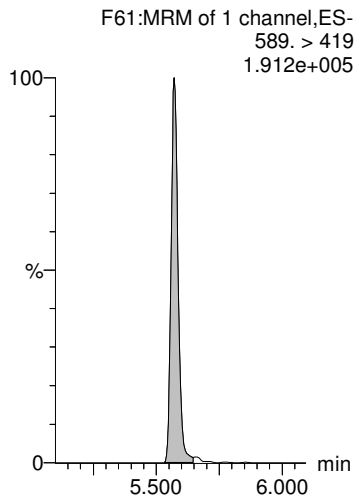
PFTeDA



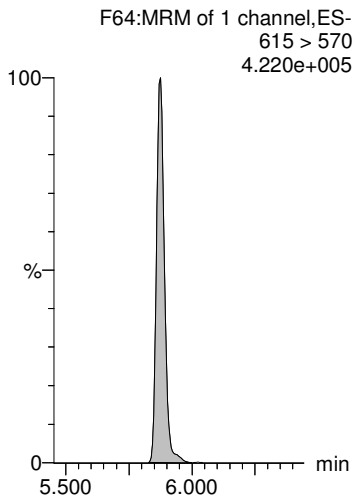
d5-N-EtFOSAA-EIS



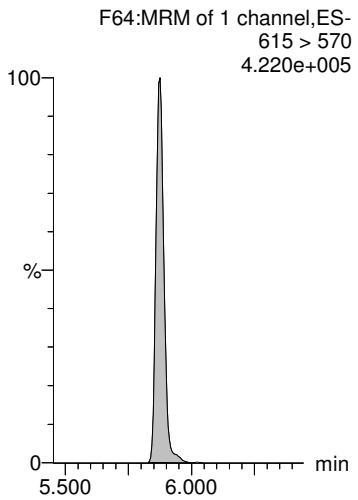
d5-N-EtFOSAA-EIS



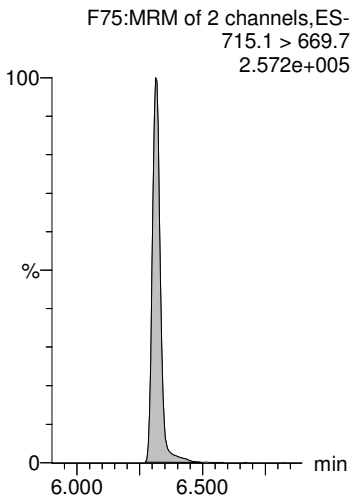
13C2-PFDoA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS

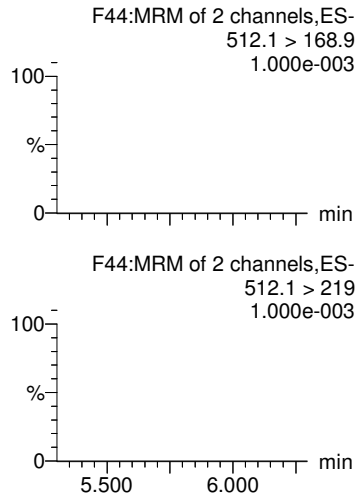


Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-88.qld

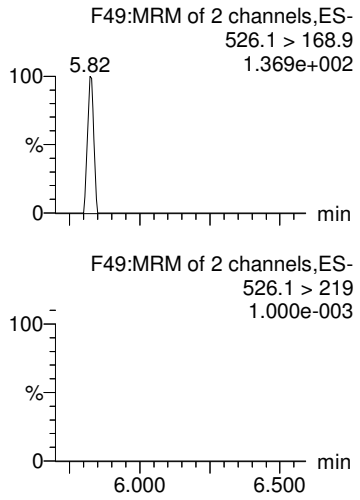
Last Altered: Thursday, July 02, 2020 18:24:34 Pacific Daylight Time
Printed: Thursday, July 02, 2020 18:25:21 Pacific Daylight Time

Name: 200630M1_88, Date: 01-Jul-2020, Time: 06:26:45, ID: 2001271-10 GW-AE-3B 0.10992, Description: GW-AE-3B

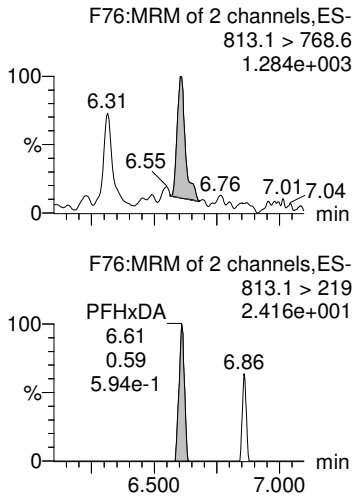
N-MeFOSA



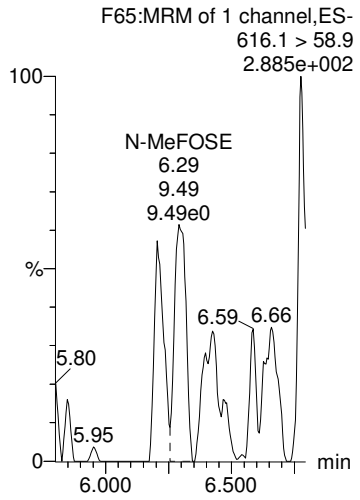
N-EtFOSA



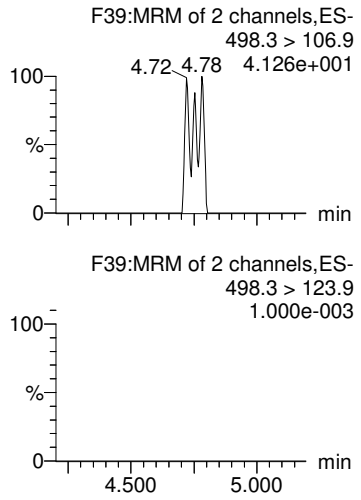
PFHxDA



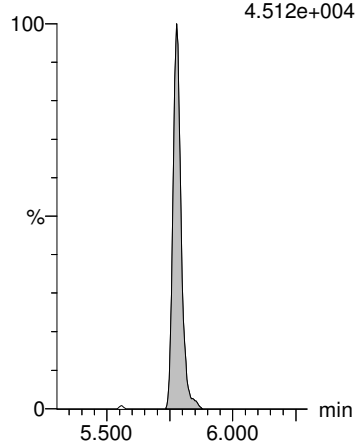
N-MeFOSE



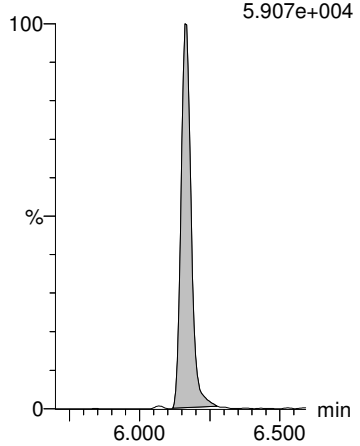
TDCA



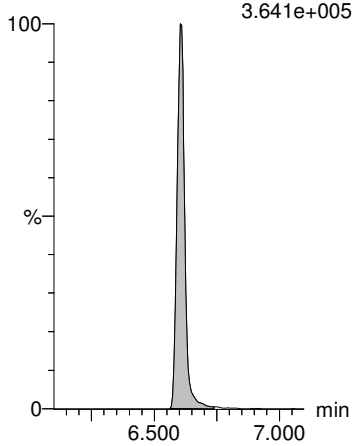
d3-N-MeFOSA-EIS



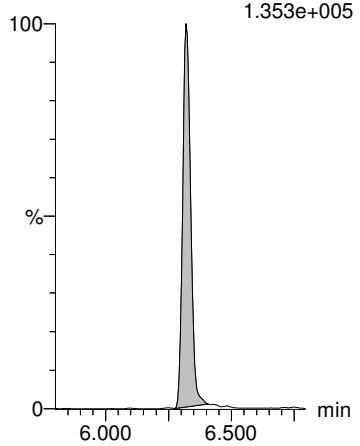
d5-N-ETFOSA-EIS



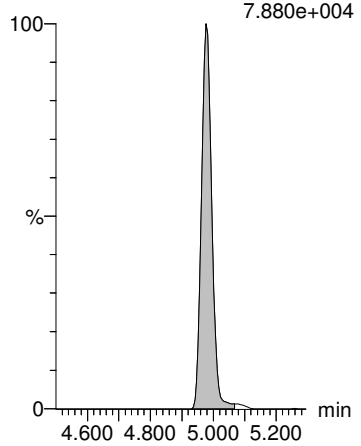
13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



13C8-PFOS-EIS



CONTINUING CALIBRATION

LC Calibration Standards Review Checklist Q5

		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	NA
Calibration ID: ST2009231-11	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID: -12	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID: -13	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID: -14	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H NA	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	L M H	☐	☐	☐	☐	☐	☐	☐

NA 06/24/20

Full Mass Cal. Date: 06-22-20

Run Log Present: ☑

# of Samples per Sequence Checked: ☑

Instrument Blank Saved ☑

All Branches in Acquisition Window ☑

IIS Area Saved ☑ NA

Reviewed By: 06/24/20
Initials/Date

Comments:

ID: LR - LCSRC *Rev. No.: 2* *Rev. Date: 04/29/2019* *Page: 1 of 1*

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

VJm 6/24/2020

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	Wt/Vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3979.729	4748.468	1.00	1.13	10.476	10.000	9.79	97.9	NO		
2	2	PFPrS	249 > 80	969.983	1335.307	1.00	1.47	9.080	10.000	9.87	98.7	NO	2.952	NO
3	3	3:3 FTCA	240.9 > 176.9	616.972	10345.125	1.00	1.91	0.745	10.000	10.1	101.1	NO	3.312	NO
4	4	PFPeA	263.1 > 218.9	8181.281	10345.125	1.00	2.06	9.885	10.000	10.3	103.0	NO		
5	5	PFBS	299.0 > 80	2901.897	1335.307	1.00	2.34	27.165	10.000	10.3	102.8	NO	2.494	NO
6	6	4:2 FTS	326.9 > 306.9	3306.719	1455.867	1.00	2.78	28.391	10.000	10.2	101.8	NO	10.763	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	4748.468		1.00	1.13	4748.468	12.500	12.8	102.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1335.307		1.00	2.34	1335.307	12.500	12.9	103.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	10345.125		1.00	2.06	10345.125	12.500	12.1	96.6	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	10345.125		1.00	2.06	10345.125	12.500	12.1	96.6	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1335.307		1.00	2.34	1335.307	12.500	12.9	103.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1455.867		1.00	2.78	1455.867	12.500	11.2	89.8	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	12435.733	14094.819	1.00	2.86	11.029	10.000	10.0	100.1	NO	17.105	NO
15	8	PFPeS	349.>80	2464.726	1335.307	1.00	3.07	23.073	10.000	10.4	103.6	NO	2.273	NO
16	9	HFPO-DA	285.1 > 168.9	2016.591	2506.846	1.00	3.08	10.055	10.000	10.1	101.1	NO	2.240	NO
17	10	5:3 FTCA	340.9 > 236.9	1325.275	13360.008	1.00	3.42	1.240	10.000	8.20	82.0	NO	1.545	NO
18	11	PFHpA	363.0 > 319	13434.213	13360.008	1.00	3.47	12.569	10.000	9.67	96.7	NO	45.644	NO
19	12	ADONA	376.8 > 250.9	22964.113	13360.008	1.00	3.58	21.486	10.000	9.19	91.9	NO	3.853	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	14094.819		1.00	2.86	14094.819	12.500	12.6	100.5	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1335.307		1.00	2.34	1335.307	12.500	12.9	103.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2506.846		1.00	3.08	2506.846	12.500	11.9	95.6	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	13360.008		1.00	3.47	13360.008	12.500	13.0	103.7	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	13360.008		1.00	3.47	13360.008	12.500	13.0	103.7	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	13360.008		1.00	3.47	13360.008	12.500	13.0	103.7	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2626.533	2972.018	1.00	3.62	11.047	10.000	9.86	98.6	NO	4.298	NO
28	15	6:2 FTS	427.0 > 407	1747.488	1828.346	1.00	3.92	11.947	10.000	9.51	95.1	NO	0.749	NO
29	16	L-PFOA	413 > 369	13639.959	15690.771	1.00	3.98	10.866	10.000	9.67	96.7	NO	3.228	NO
30	18	PFecHS	461 > 381.0	2629.872	15690.771	1.00	4.00	2.095	10.000	9.33	93.3	NO	0.526	NO
31	19	PFHpS	449.0 > 80	2302.661	2797.128	1.00	4.10	10.290	10.000	10.6	105.6	NO	1.753	NO
32	20	7:3 FTCA	440.9 > 336.9	2331.435	17423.768	1.00	4.41	1.673	10.000	8.84	88.4	NO	1.192	NO
33	61	13C3-PFHxS-EIS	402 > 80	2972.018		1.00	3.62	2972.018	12.500	12.0	96.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1828.346		1.00	3.92	1828.346	12.500	12.9	102.8	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	15690.771		1.00	3.98	15690.771	12.500	12.6	101.1	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	15690.771		1.00	3.98	15690.771	12.500	12.6	101.1	NO		

OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2797.128		1.00	4.52	2797.128	12.500	11.7	93.9	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	17423.768		1.00	4.43	17423.768	12.500	12.6	100.5	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	15268.555	17423.768	1.00	4.43	10.954	10.000	9.56	95.6	NO	13.883	NO
41	22	PFOSA	498 > 78	3017.453	5695.550	1.00	4.48	6.622	10.000	9.67	96.7	NO	24.931	NO
42	23	L-PFOS	499 > 80	2949.208	2797.128	1.00	4.52	13.180	10.000	11.1	111.1	NO	2.437	NO
43	25	9Cl-PF30NS	531 > 351	6338.219	2797.128	1.00	4.75	28.325	10.000	10.5	104.5	NO	29.688	NO
44	26	PFDA	513 > 469	13875.870	19587.252	1.00	4.82	8.855	10.000	9.85	98.5	NO	5.298	NO
45	27	8:2 FTS	526.8 > 506.9	1690.331	1709.820	1.00	4.79	12.358	10.000	10.3	103.1	NO	0.753	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	17423.768		1.00	4.43	17423.768	12.500	12.6	100.5	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5695.550		1.00	4.48	5695.550	12.500	12.3	98.6	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2797.128		1.00	4.52	2797.128	12.500	11.7	93.9	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2797.128		1.00	4.52	2797.128	12.500	11.7	93.9	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	19587.252		1.00	4.82	19587.252	12.500	12.1	97.1	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1709.820		1.00	4.79	1709.820	12.500	12.5	99.8	NO		
52	-1													
53	28	PFNS	549 > 80	3117.847	2797.128	1.00	4.89	13.933	10.000	11.4	113.7	NO	2.434	NO
54	29	L-MeFOSAA	570 > 419	4098.589	4442.799	1.00	4.98	11.532	10.000	9.20	92.0	NO	1.686	NO
55	31	L-EtFOSAA	583.9 > 419	4805.816	4911.869	1.00	5.14	12.230	10.000	8.75	87.5	NO	1.405	NO
56	33	PFUdA	563.0 > 519	16139.895	18207.551	1.00	5.15	11.080	10.000	10.3	103.2	NO	18.594	NO
57	34	PFDS	598.8 >79.9	2796.211	2797.128	1.00	5.20	12.496	10.000	11.1	110.8	NO	2.198	NO
58	35	11Cl-PF30UdS	631 > 451	4727.608	20432.330	1.00	5.37	2.892	10.000	9.79	97.9	NO	15.735	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2797.128		1.00	4.52	2797.128	12.500	11.7	93.9	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4442.799		1.00	4.97	4442.799	12.500	12.3	98.6	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4911.869		1.00	5.13	4911.869	12.500	12.7	101.7	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	18207.551		1.00	5.15	18207.551	12.500	12.0	95.6	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2797.128		1.00	4.52	2797.128	12.500	11.7	93.9	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	20432.330		1.00	5.44	20432.330	12.500	11.2	90.0	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1822.339	1239.050	1.00	5.43	18.384	10.000	9.78	97.8	NO	1.040	NO
67	37	PFDoA	612.9 > 569.0	15605.029	20432.330	1.00	5.44	9.547	10.000	10.1	100.5	NO	10.691	NO
68	38	N-MeFOSA	512.1 > 168.9	7046.750	18919.447	1.00	5.52	55.571	50.000	51.4	102.8	NO	1.762	NO
69	39	PFTrDA	662.9 > 618.9	17380.170	20432.330	1.00	5.69	10.633	10.000	10.5	105.4	NO	98.911	NO
70	40	PFDoS	699 > 80	3347.031	21179.143	1.00	5.72	1.975	10.000	10.3	102.8	NO	2.296	NO
71	41	PFTeDA	713.0 > 669.0	11863.867	21179.143	1.00	5.91	7.002	10.000	10.1	100.6	NO	13.355	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1239.050		1.00	5.42	1239.050	12.500	12.3	98.7	NO		

OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	20432.330		1.00	5.44	20432.330	12.500	11.2	90.0	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	18919.447		1.00	5.55	18919.447	149.200	140	93.9	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	20432.330		1.00	5.44	20432.330	12.500	11.2	90.0	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	21179.143		1.00	5.91	21179.143	12.500	12.2	97.7	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	21179.143		1.00	5.91	21179.143	12.500	12.2	97.7	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	9901.784	25208.107	1.00	5.99	58.606	50.000	49.3	98.6	NO	1.818	NO
80	43	PFHxDA	813 > 769	20754.297	23497.287	1.00	6.27	11.041	10.000	10.3	103.2	NO	30.281	NO
81	44	PFODA	913.1 > 868.8	17887.652	23497.287	1.00	6.52	9.516	10.000	10.2	101.6	NO		
82	45	N-MeFOSE	616.1 > 58.9	8543.383	22764.570	1.00	6.24	55.994	50.000	49.9	99.8	NO		
83	46	N-EtFOSE	630.1 > 58.9	9167.028	24445.605	1.00	6.39	55.950	50.000	51.0	102.1	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4748.468	5487.988	1.00	1.13	10.816	12.500	12.7	101.2	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	25208.107		1.00	6.01	25208.107	149.200	146	97.7	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	23497.287		1.00	6.27	23497.287	12.500	11.5	92.2	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	23497.287		1.00	6.27	23497.287	12.500	11.5	92.2	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	22764.570		1.00	6.23	22764.570	149.200	148	99.2	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	24445.605		1.00	6.38	24445.605	149.200	143	96.1	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	10294.479	16013.719	1.00	2.06	8.036	12.500	12.0	95.8	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1333.953	1232.064	1.00	2.34	13.534	12.500	11.9	94.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2506.846	16013.719	1.00	3.08	1.957	12.500	12.4	99.6	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1455.867	1232.064	1.00	2.78	14.771	12.500	12.1	96.7	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	14094.819	16013.719	1.00	2.86	11.002	12.500	12.6	100.7	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	13360.008	16013.719	1.00	3.47	10.429	12.500	13.4	107.4	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2972.018	1232.064	1.00	3.62	30.153	12.500	12.4	99.4	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1828.346	3422.331	1.00	3.92	6.678	12.500	12.4	99.4	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	17423.768	18009.039	1.00	4.43	12.094	12.500	12.8	102.6	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5695.550	15034.859	1.00	4.48	4.735	12.500	11.9	94.9	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	15690.771	15099.506	1.00	3.98	12.989	12.500	12.0	96.3	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2797.128	3422.331	1.00	4.52	10.216	12.500	11.6	92.7	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	19587.252	16078.712	1.00	4.82	15.228	12.500	12.6	101.0	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1709.820	3422.331	1.00	4.79	6.245	12.500	11.7	93.9	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4442.799	15034.859	1.00	4.97	3.694	12.500	11.9	95.5	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	18207.551	15034.859	1.00	5.15	15.138	12.500	11.7	93.3	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	4911.869	15034.859	1.00	5.13	4.084	12.500	12.5	100.3	NO		

OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	20432.330	16078.712	1.00	5.44	15.885	12.500	12.3	98.3	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1239.050	3422.331	1.00	5.42	4.526	12.500	11.7	93.7	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	18919.447	15034.859	1.00	5.55	15.730	149.200	129	86.3	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	21179.143	15034.859	1.00	5.91	17.608	12.500	11.8	94.2	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	25208.107	15034.859	1.00	6.01	20.958	149.200	142	95.3	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	23497.287	15034.859	1.00	6.27	19.536	12.500	11.3	90.7	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	23025.166	15034.859	1.00	6.23	19.143	149.200	147	98.7	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	24445.605	15034.859	1.00	6.38	20.324	149.200	139	93.5	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5487.988	5487.988	1.00	1.13	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	16013.719	16013.719	1.00	2.86	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	15099.506	15099.506	1.00	3.98	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1232.064	1232.064	1.00	3.62	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	18009.039	18009.039	1.00	4.43	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3422.331	3422.331	1.00	4.52	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	16078.712	16078.712	1.00	4.82	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	15034.859	15034.859	1.00	5.15	12.500	12.500	12.5	100.0	NO		

OPV 6/24/2020

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Dataset: Untitled

Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
Printed: Monday, June 29, 2020 17:49:46 Pacific Daylight Time

Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200623P1-1	IPA	23-Jun-20	10:00:05
2	2	200623P1-2	TEST	23-Jun-20	10:10:36
3	3	200623P1-3	IPA	23-Jun-20	10:21:07
4	4	200623P1-4	IPA	23-Jun-20	10:31:37
5	5	200623P1-5	ST200623P1-1 PFC CS-2 20F1901	23-Jun-20	10:52:50
6	6	200623P1-6	ST200623P1-2 PFC CS-1 20F1902	23-Jun-20	11:03:24
7	7	200623P1-7	ST200623P1-3 PFC CS0 20F1903	23-Jun-20	11:13:55
8	8	200623P1-8	ST200623P1-4 PFC CS1 20F1904	23-Jun-20	11:24:25
9	9	200623P1-9	ST200623P1-5 PFC CS2 20F1905	23-Jun-20	11:34:54
10	10	200623P1-10	ST200623P1-6 PFC CS3 20F1906	23-Jun-20	11:45:26
11	11	200623P1-11	ST200623P1-7 PFC CS4 20F1907	23-Jun-20	11:55:56
12	12	200623P1-12	ST200623P1-8 PFC CS5 20F1908	23-Jun-20	12:06:25
13	13	200623P1-13	ST200623P1-9 PFC CS6 20F1909	23-Jun-20	12:16:57
14	14	200623P1-14	ST200623P1-10 PFC CS7 20F1910	23-Jun-20	12:27:27
15	15	200623P1-15	IB	23-Jun-20	12:37:56
16	16	200623P1-16	ICV200623P1-1 PFC ICV 20F1911	23-Jun-20	12:48:27
17	17	200623P1-17	IB	23-Jun-20	12:58:58
18	18	200623P1-18	B0F0188-BLK1 Method Blank 1	23-Jun-20	13:09:28
19	19	200623P1-19	B0F0188-BS1 OPR 1	23-Jun-20	13:20:36
20	20	200623P1-20	B0F0188-MS1 Matrix Spike 2.8	23-Jun-20	13:31:07
21	21	200623P1-21	B0F0188-MSD1 Matrix Spike Dup 2.81	23-Jun-20	13:41:39
22	22	200623P1-22	2001298-01 ST-1-06152020 2.8	23-Jun-20	13:52:10
23	23	200623P1-23	B0F0111-BLK1 Method Blank 0.25	23-Jun-20	14:02:39
24	24	200623P1-24	B0F0111-BS1 OPR 0.25	23-Jun-20	14:13:10
25	25	200623P1-25	B0F0111-BSD1 LCSD 0.25	23-Jun-20	14:23:41
26	26	200623P1-26	2001254-01 A4-MW6D-R1 0.24902	23-Jun-20	14:34:10
27	27	200623P1-27	2001254-02 A4-MW6S-R1 0.25492	23-Jun-20	14:44:41
28	28	200623P1-28	2001254-03 A4-MW2D-R1 0.25027	23-Jun-20	14:55:12
29	29	200623P1-29	2001254-04 A4-MW2D-EB1-R1 0.24997	23-Jun-20	15:05:40
30	30	200623P1-30	2001254-05 A4-MW2D-EB2-R1 0.24769	23-Jun-20	15:16:13
31	31	200623P1-31	2001254-06 A4-MW2S-R1 0.25184	23-Jun-20	15:26:42
32	32	200623P1-32	2001254-07 A4-MW3D-R1 0.2478	23-Jun-20	15:37:13

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Dataset: Untitled

Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
Printed: Monday, June 29, 2020 17:49:46 Pacific Daylight Time

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
33	33	200623P1-33	2001254-08 A4-MW3S-R1 0.2577	23-Jun-20	15:47:42
34	34	200623P1-34	2001254-09 A4-MW5S-DUP-R1 0.24857	23-Jun-20	15:58:14
35	35	200623P1-35	2001254-10 A4-MW5D-R1 0.2528	23-Jun-20	16:52:38
36	36	200623P1-36	2001254-11 A4-MW5S-R1 0.24938	23-Jun-20	17:03:16
37	37	200623P1-37	IB	23-Jun-20	17:13:47
38	38	200623P1-38	ST200623P1-11 PFC CS3 20F1906	23-Jun-20	17:24:16
39	39	200623P1-39	IB	23-Jun-20	17:34:47
40	40	200623P1-40	B0F0110-BLK1 Method Blank 0.25	23-Jun-20	17:45:18
41	41	200623P1-41	B0F0110-BS1 OPR 0.25	23-Jun-20	17:55:46
42	42	200623P1-42	B0F0110-BSD1 LCSD 0.25	23-Jun-20	18:06:19
43	43	200623P1-43	2001255-01 T12-Purgewater-PFAS 0.24164	23-Jun-20	18:16:48
44	44	200623P1-44	2001255-02 T15-Purgewater-PFAS 0.2515	23-Jun-20	18:27:19
45	45	200623P1-45	2001255-03 T11-Purgewater-PFAS 0.25227	23-Jun-20	18:37:49
46	46	200623P1-46	2001255-04 T7-Purgewater-PFAS 0.24219	23-Jun-20	18:48:19
47	47	200623P1-47	2001255-05 T5-Purgewater-PFAS 0.24115	23-Jun-20	18:58:50
48	48	200623P1-48	2001255-06 T4-Purgewater-PFAS 0.2491	23-Jun-20	19:09:21
49	49	200623P1-49	2001255-07 T1-Purgewater-PFAS 0.24583	23-Jun-20	19:19:49
50	50	200623P1-50	B0F0145-BLK1 Method Blank 0.125	23-Jun-20	19:30:21
51	51	200623P1-51	B0F0145-BS1 OPR 0.125	23-Jun-20	19:40:50
52	52	200623P1-52	2001271-01 GW-MW-4 0.11004	23-Jun-20	19:51:21
53	53	200623P1-53	2001271-02 GW-MW-4-DUP 0.11187	23-Jun-20	20:01:50
54	54	200623P1-54	2001271-03 GW-FPC-9B 0.11267	23-Jun-20	20:12:22
55	55	200623P1-55	IB	23-Jun-20	20:22:51
56	56	200623P1-56	ST200623P1-12 PFC CS3 20F1906	23-Jun-20	20:33:22
57	57	200623P1-57	IB	23-Jun-20	20:43:53
58	58	200623P1-58	2001271-04 GW-FPC-3C 0.11161	23-Jun-20	20:54:22
59	59	200623P1-59	2001271-05 GW-FPC-3A 0.10799	23-Jun-20	21:04:54
60	60	200623P1-60	2001271-06 GW-FPC-3B 0.11341	23-Jun-20	21:15:23
61	61	200623P1-61	2001271-07 GW-FPC-2B 0.10944	23-Jun-20	21:25:54
62	62	200623P1-62	2001271-08 GW-FPC-2A 0.10841	23-Jun-20	21:36:24
63	63	200623P1-63	2001271-09 EB-Water Level 0.11306	23-Jun-20	21:46:53
64	64	200623P1-64	2001271-10 GW-AE-3B 0.10992	23-Jun-20	21:57:25
65	65	200623P1-65	2001220-09@5X SB-5 1-3' 1.3	23-Jun-20	22:07:54
66	66	200623P1-66	2001220-11@5X SB-6 1-3' 1.52	23-Jun-20	22:18:25
67	67	200623P1-67	2001220-13@5X SB-7 1-3' 1.37	23-Jun-20	22:28:56
68	68	200623P1-68	2001220-14@5X SB-7 3-5' 1.34	23-Jun-20	22:39:25

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Dataset: Untitled

Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
Printed: Monday, June 29, 2020 17:49:46 Pacific Daylight Time

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
69	69	200623P1-69	IB	23-Jun-20	22:49:56
70	70	200623P1-70	ST200623P1-13 PFC CS3 20F1906	23-Jun-20	23:00:27
71	71	200623P1-71	IB	23-Jun-20	23:10:55
72	72	200623P1-72	2001220-15@20X SB-8 1-3' 1.31	23-Jun-20	23:21:27
73	73	200623P1-73	2001220-16@5X SB-8 3-5' 1.35	23-Jun-20	23:31:58
74	74	200623P1-74	2001220-10 SB-5 3-5' 1.33	23-Jun-20	23:42:27
75	75	200623P1-75	2001220-12 SB-6 3-5' 1.33	23-Jun-20	23:52:59
76	76	200623P1-76	2001220-17 SB-9 1-3' 1.11	24-Jun-20	00:03:28
77	77	200623P1-77	B0F0144-BS1 OPR 0.125	24-Jun-20	00:14:00
78	78	200623P1-78	2001258-12 Equip Blank 2 0.24998	24-Jun-20	00:24:28
79	79	200623P1-79	IB	24-Jun-20	00:35:00
80	80	200623P1-80	ST200623P1-14 PFC CS3 20F1906	24-Jun-20	00:45:29
81	81	200623P1-81	IB	24-Jun-20	00:56:00

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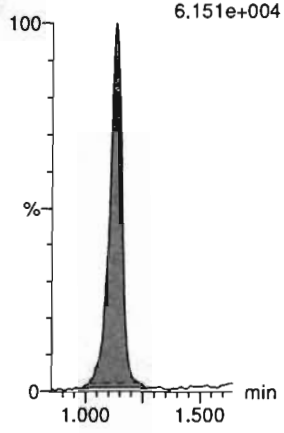
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

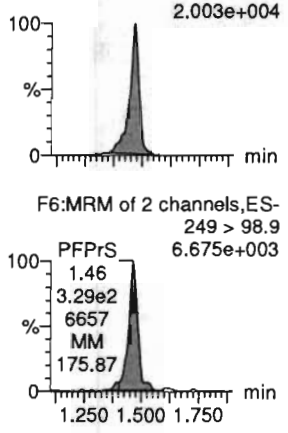
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

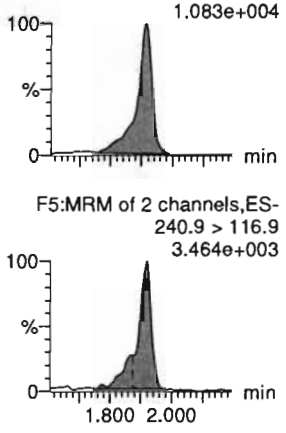
PFBA



PFPrS



3:3 FTCA



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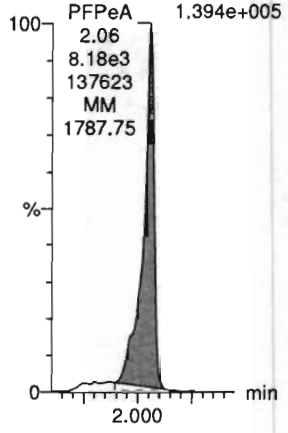
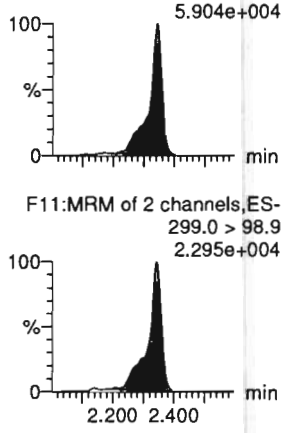
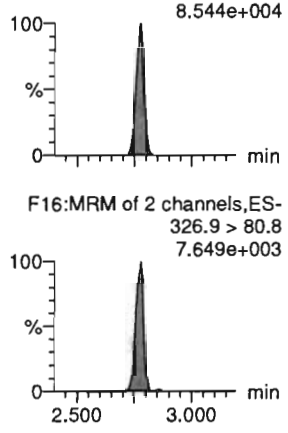


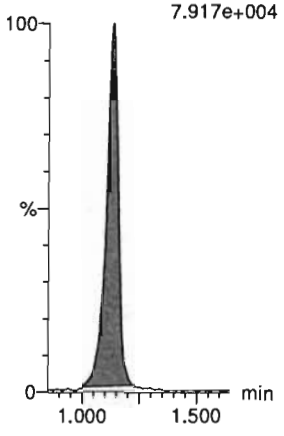
PFBS



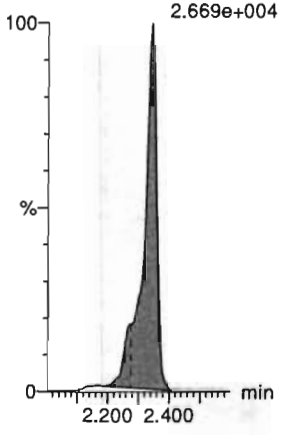
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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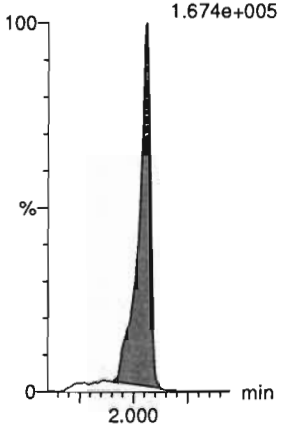

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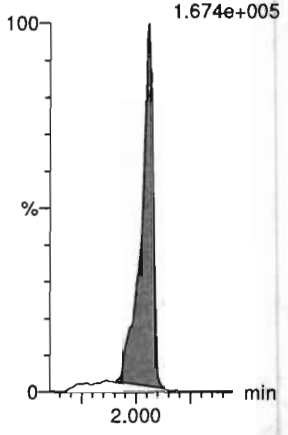
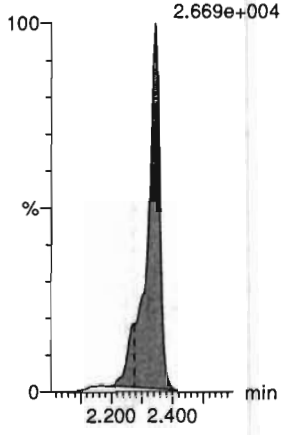


13C3-PFBS-EIS



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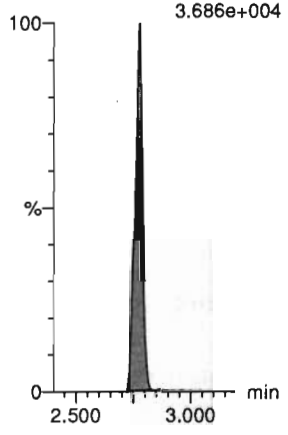

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Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

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Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

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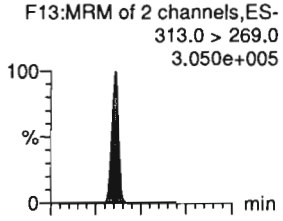

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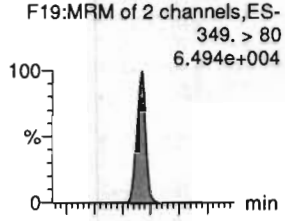

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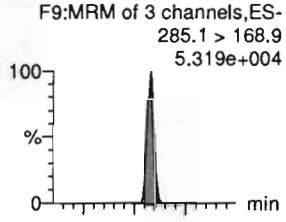

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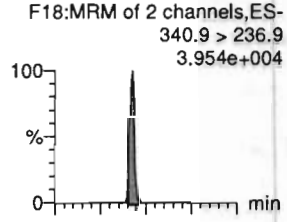

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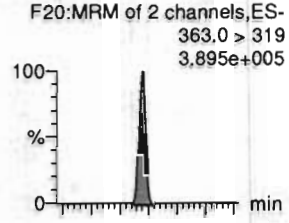

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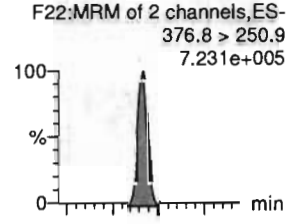

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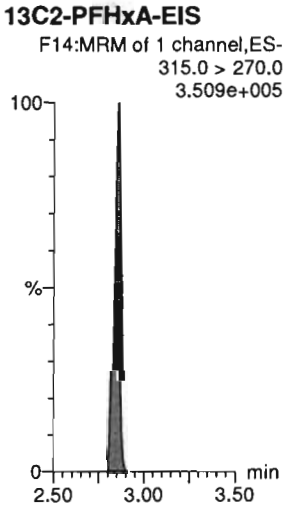

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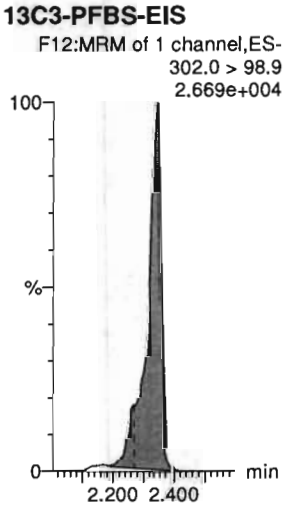

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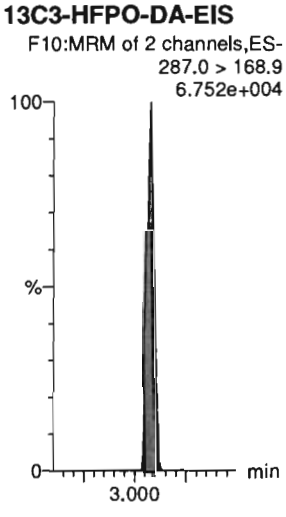

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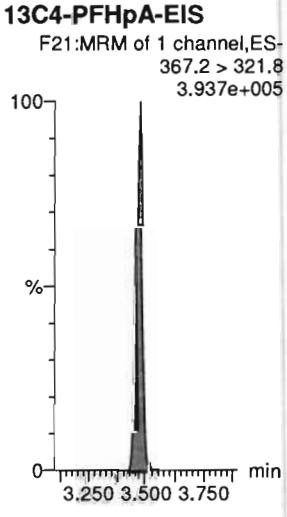

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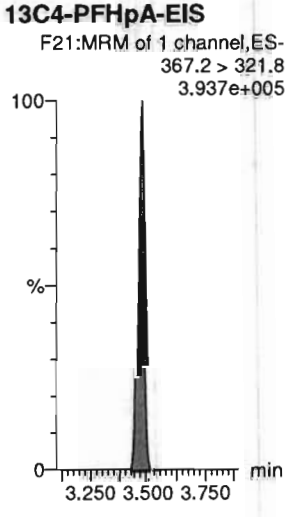

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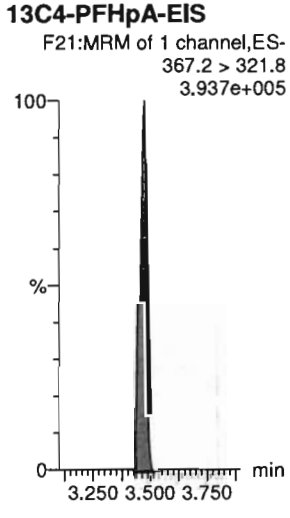

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Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

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Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

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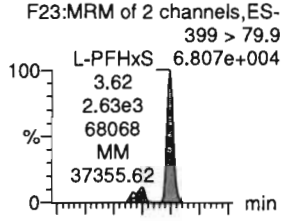
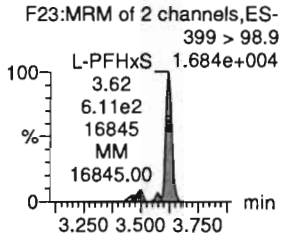
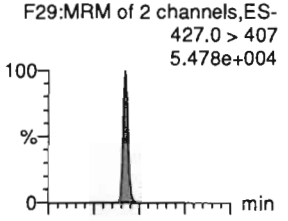
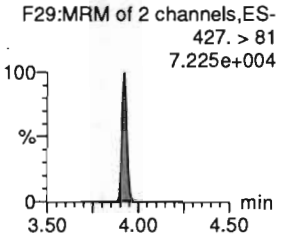




6:2 FTS





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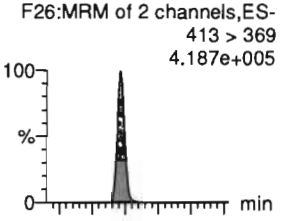

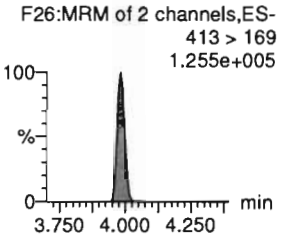

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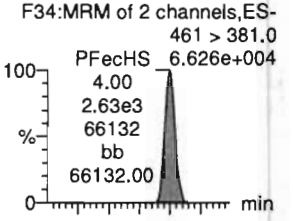

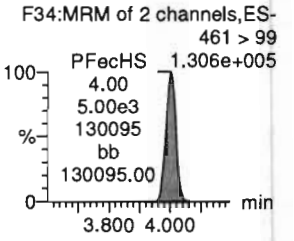

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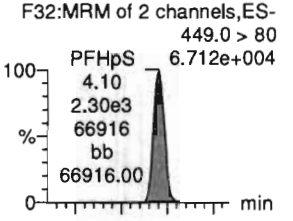
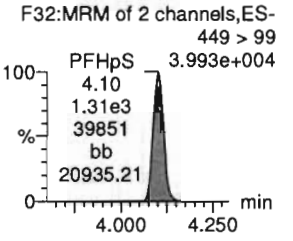
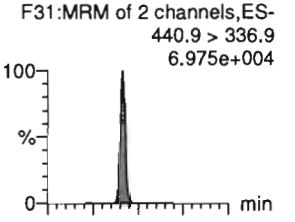
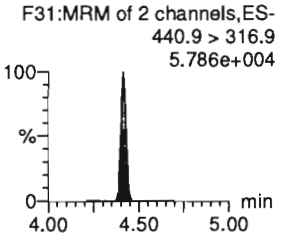




7:3 FTCA





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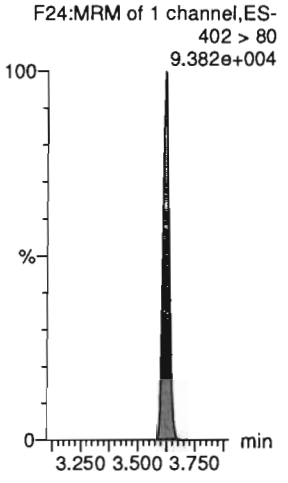

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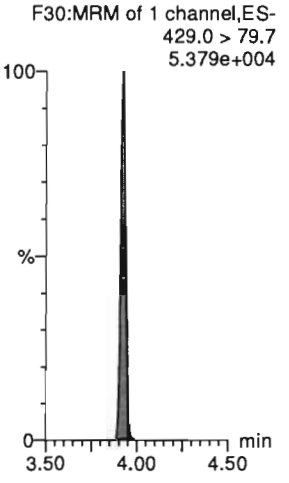

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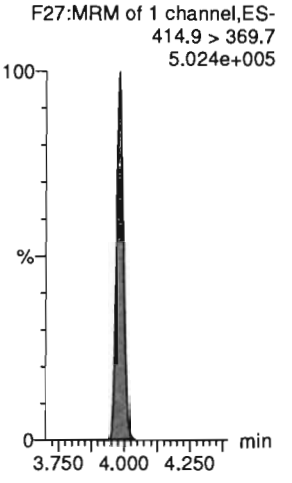

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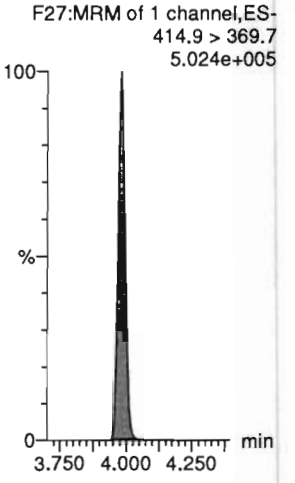

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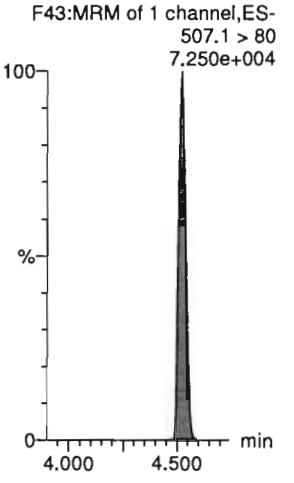

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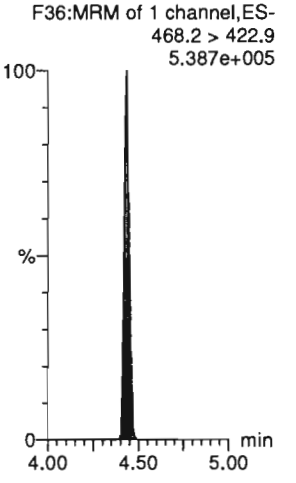

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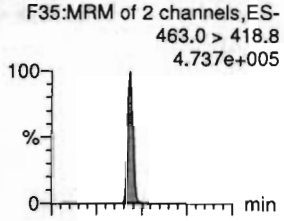

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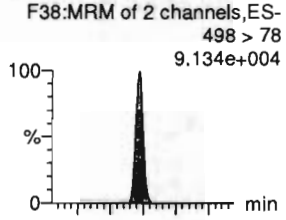
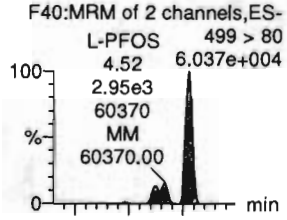


L-PFOS



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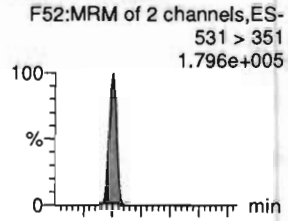

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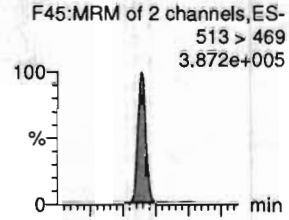
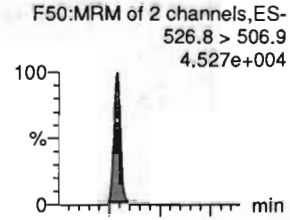


8:2 FTS



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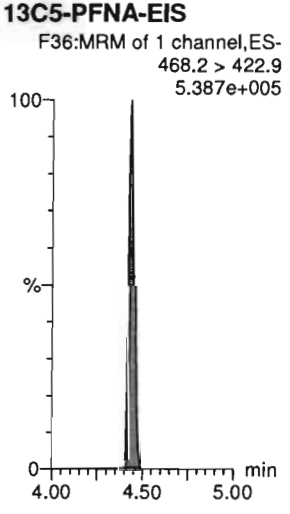

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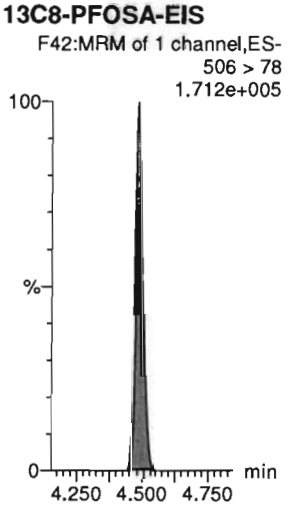

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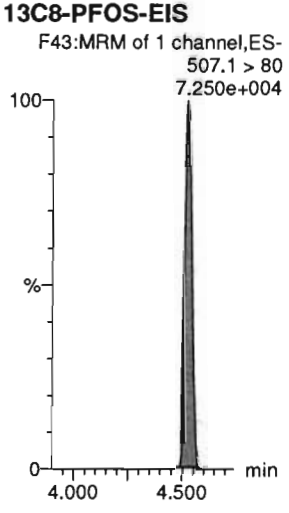

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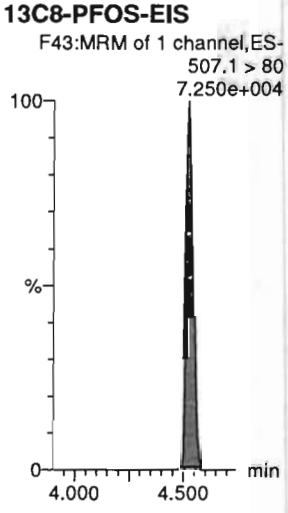

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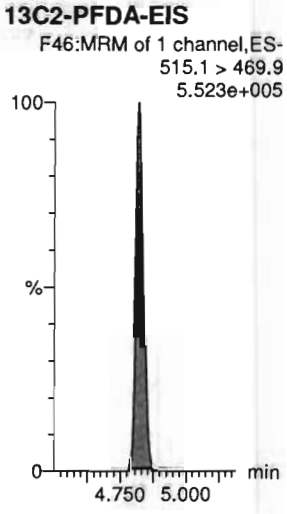

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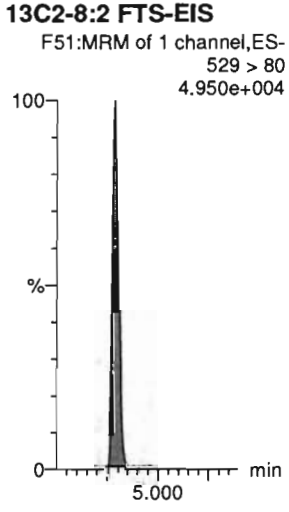

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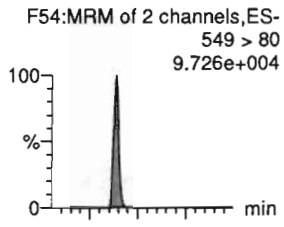
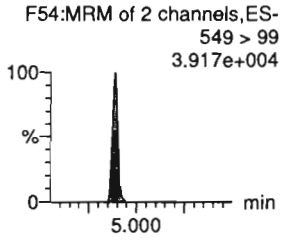
Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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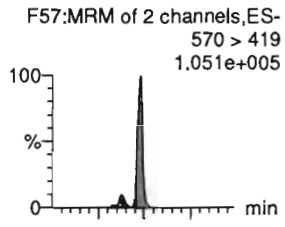

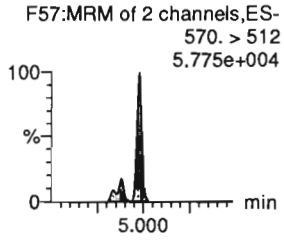

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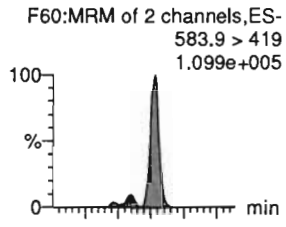
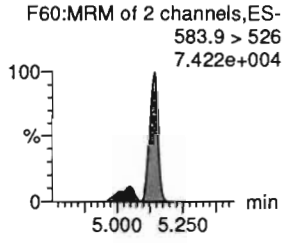
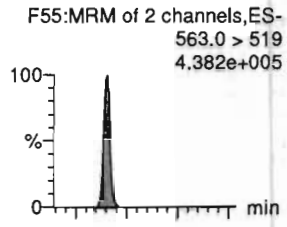
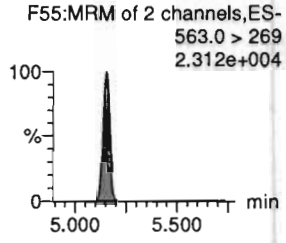


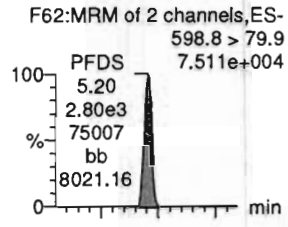


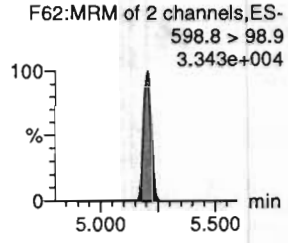
PFUdA



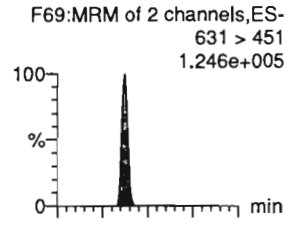


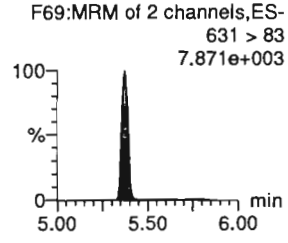
PFDS



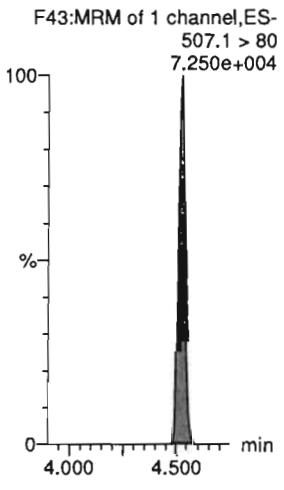


11Cl-PF30UdS

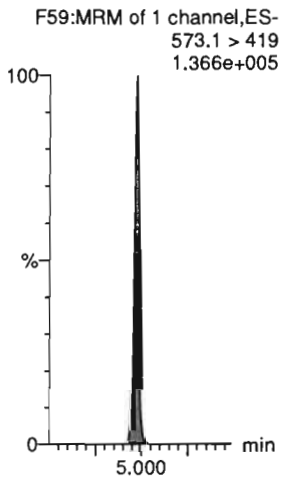




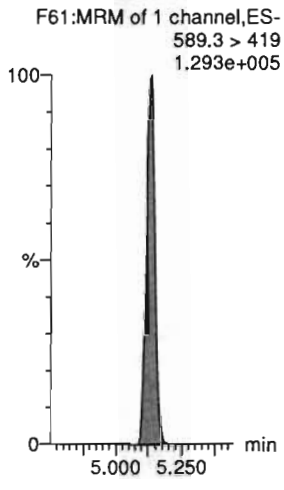
13C8-PFOS-EIS



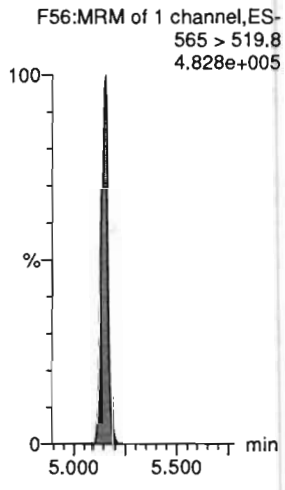
d3-N-MeFOSAA-EIS



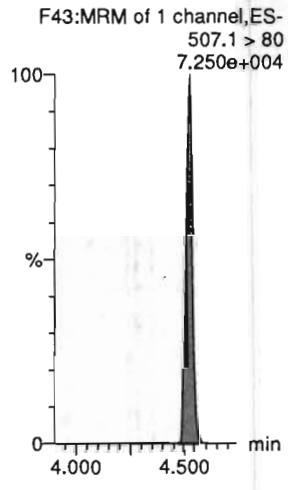
d5-N-EtFOSAA-EIS



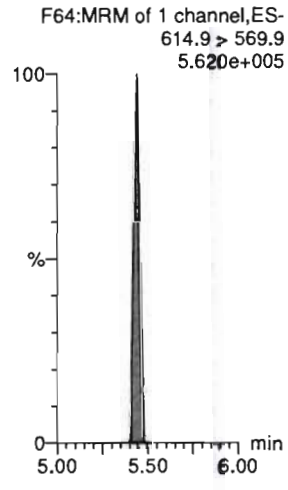
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



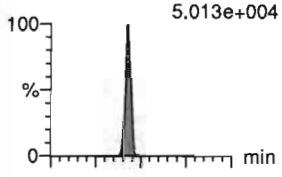
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

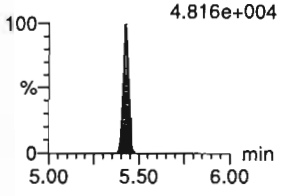
Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

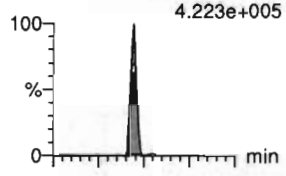
10:2 FTS
F67:MRM of 2 channels,ES-
626.9 > 607
5.013e+004



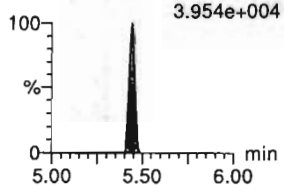
F67:MRM of 2 channels,ES-
626.9 > 80.7
4.816e+004



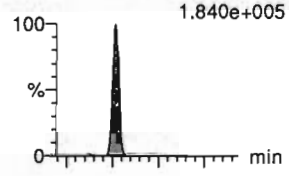
PFDoA
F63:MRM of 2 channels,ES-
612.9 > 569.0
4.223e+005



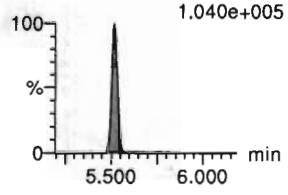
F63:MRM of 2 channels,ES-
612.9 > 318.8
3.954e+004



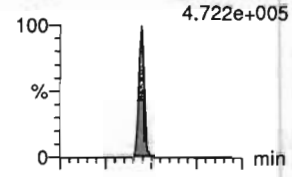
N-MeFOSA
F44:MRM of 2 channels,ES-
512.1 > 168.9
1.840e+005



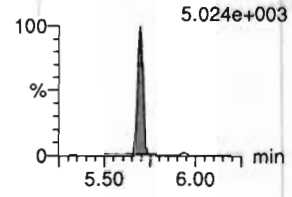
F44:MRM of 2 channels,ES-
512.1 > 219
1.040e+005



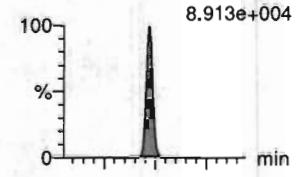
PFTrDA
F72:MRM of 2 channels,ES-
662.9 > 618.9
4.722e+005



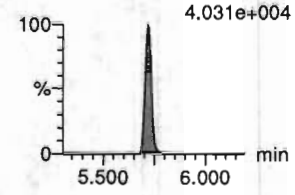
F72:MRM of 2 channels,ES-
662.9 > 319
5.024e+003



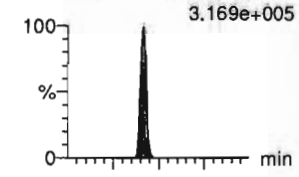
PFDoS
F73:MRM of 2 channels,ES-
699 > 80
8.913e+004



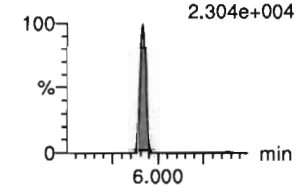
F73:MRM of 2 channels,ES-
699 > 99
4.031e+004



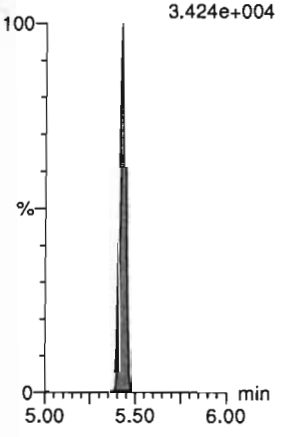
PFTeDA
F74:MRM of 2 channels,ES-
713.0 > 669.0
3.169e+005



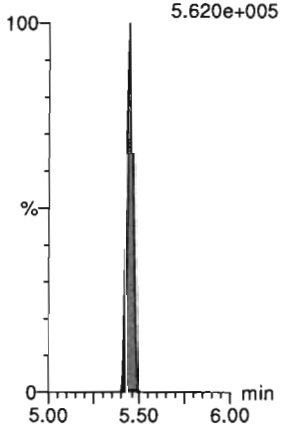
F74:MRM of 2 channels,ES-
713. > 369.0
2.304e+004



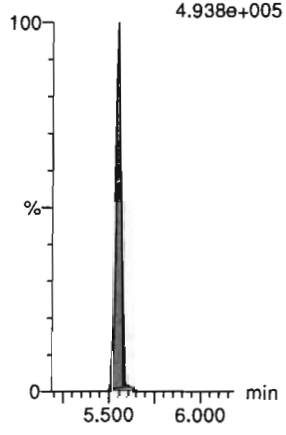
13C2-10:2 FTS-EIS
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.424e+004



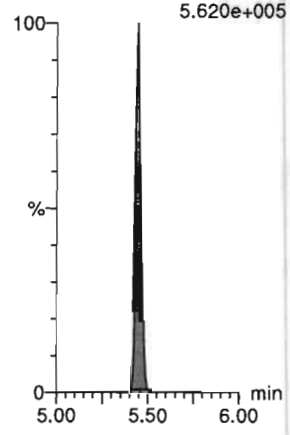
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.620e+005



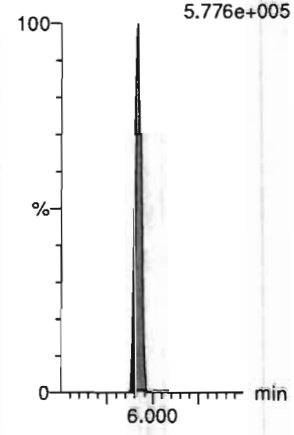
d3-N-MeFOSA-EIS
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.938e+005



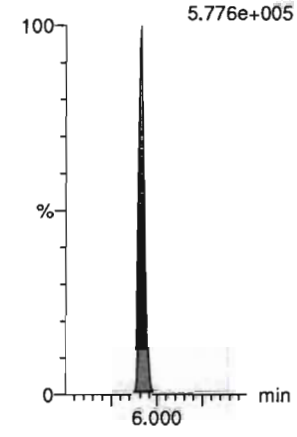
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.620e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.776e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.776e+005



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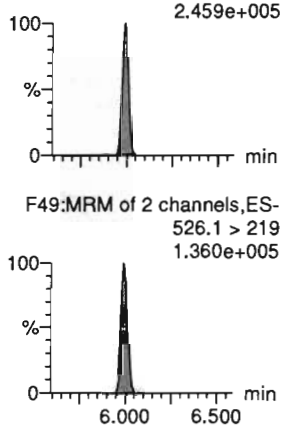
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

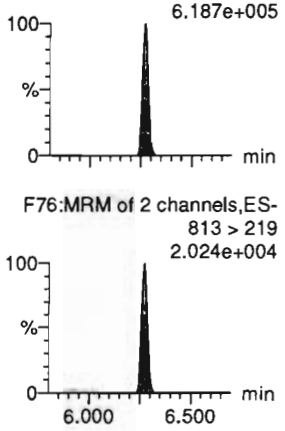
Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

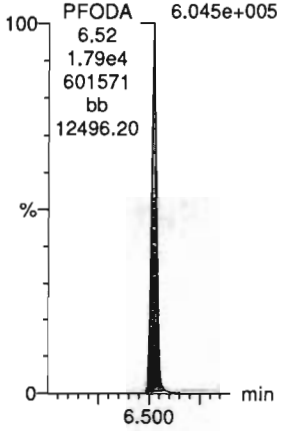
N-EtFOSA



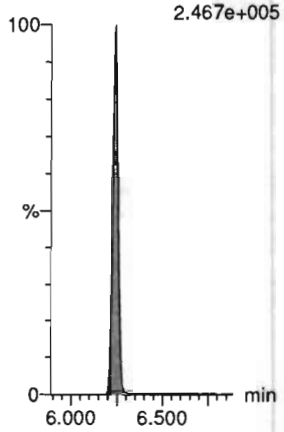
PFHxDA



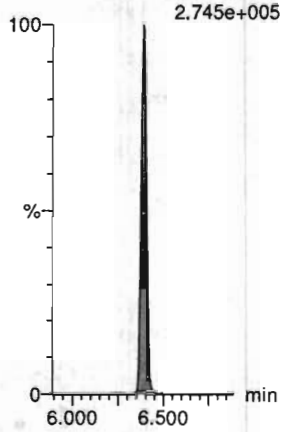
PFODA



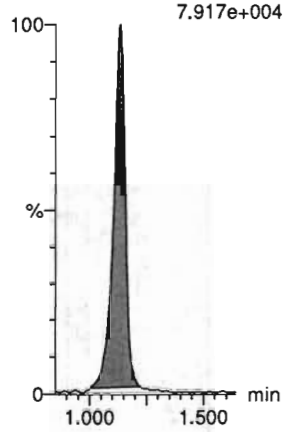
N-MeFOSE



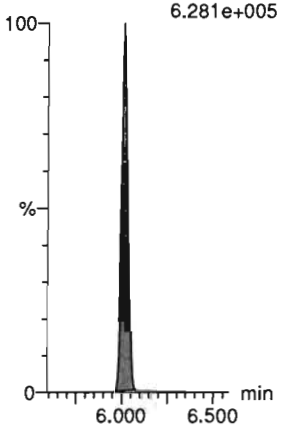
N-EtFOSE



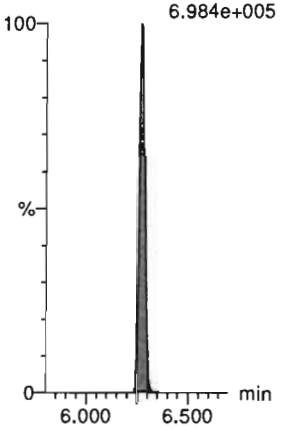
13C3-PFBA-RSD



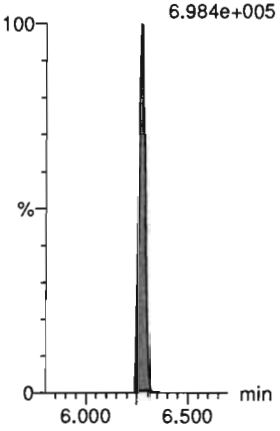
d5-N-ETFOSA-EIS



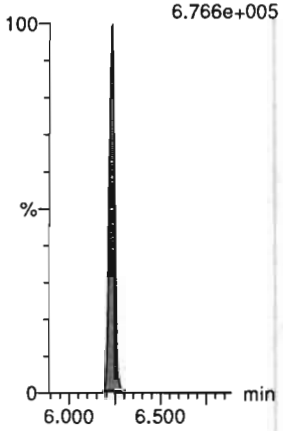
13C2-PFHxDA-EIS



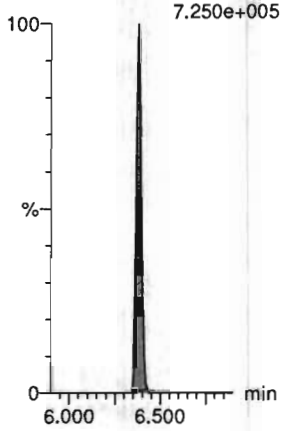
13C2-PFHxDA-EIS



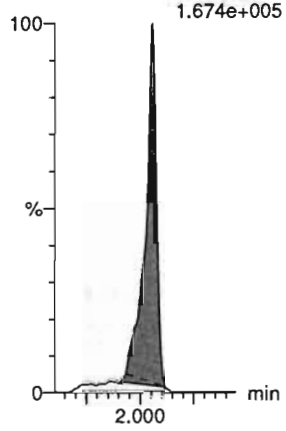
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



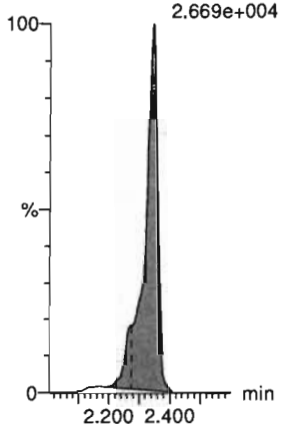
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

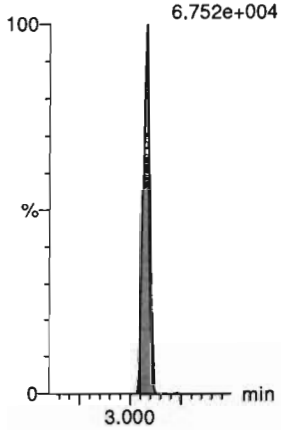
Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

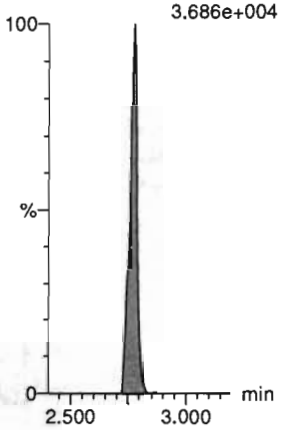
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.669e+004



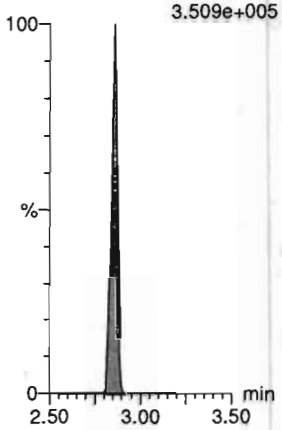
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.752e+004



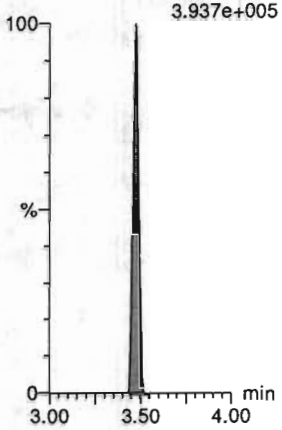
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.686e+004



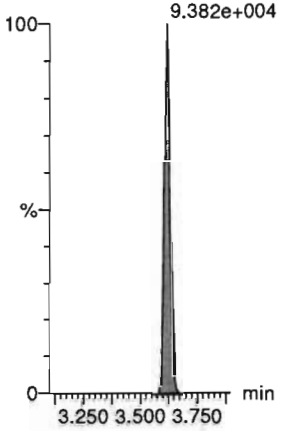
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.509e+005



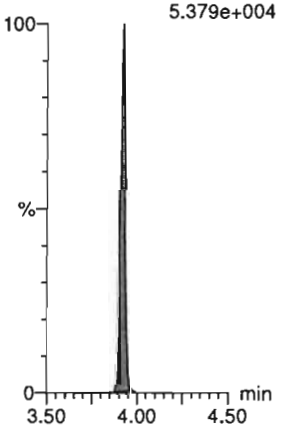
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.937e+005



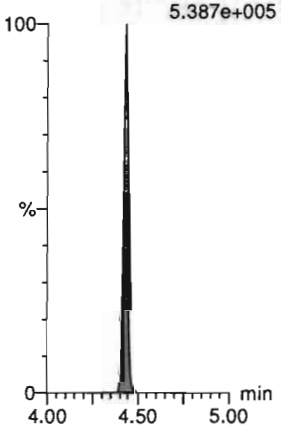
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
9.382e+004



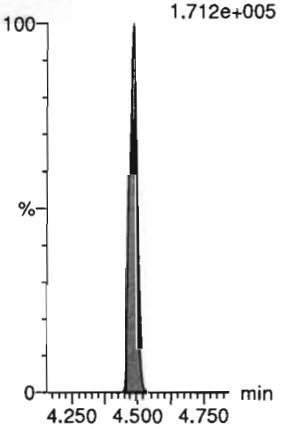
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.379e+004



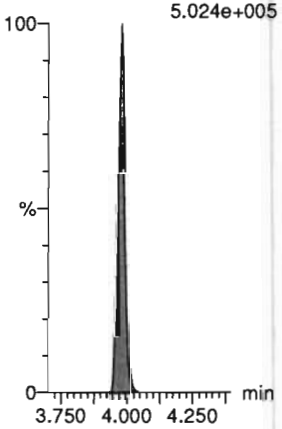
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.387e+005



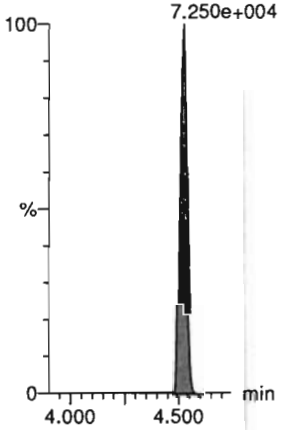
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.712e+005



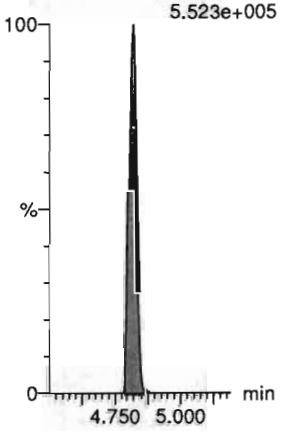
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
5.024e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.250e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.523e+005



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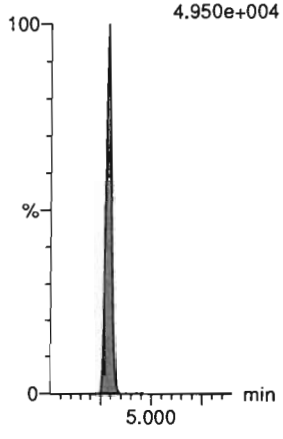
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

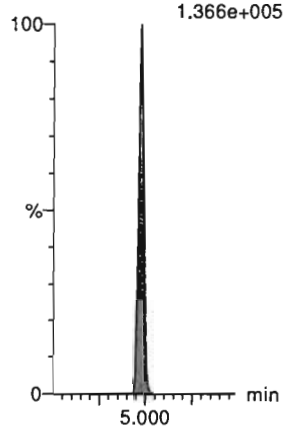
Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

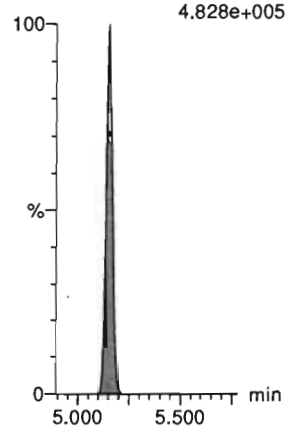
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.950e+004



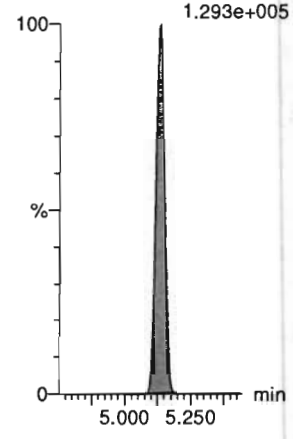
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.366e+005



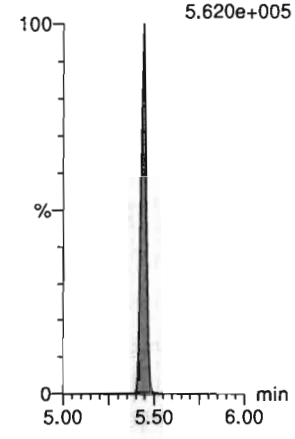
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.828e+005



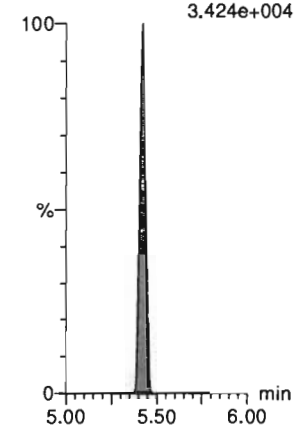
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.293e+005



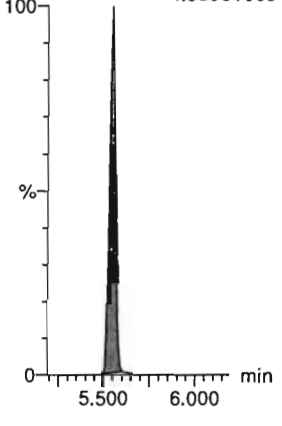
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.620e+005



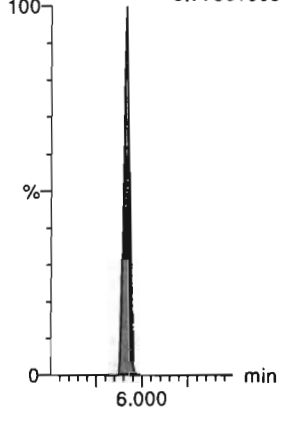
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.424e+004



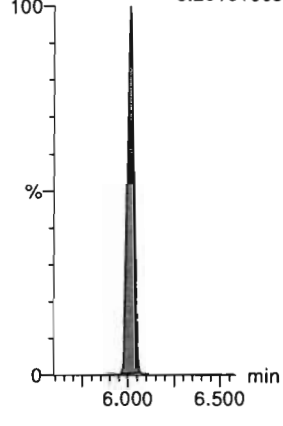
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.938e+005



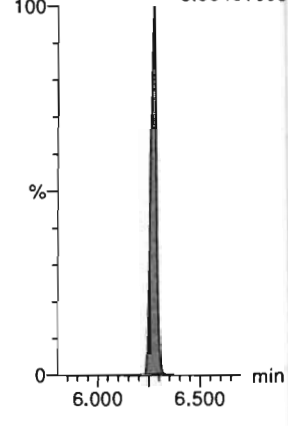
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.776e+005



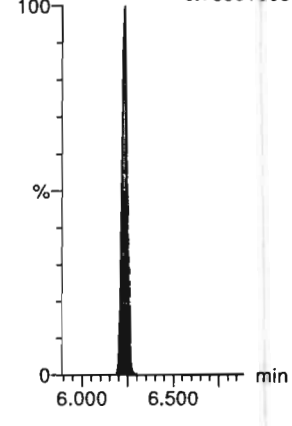
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.281e+005



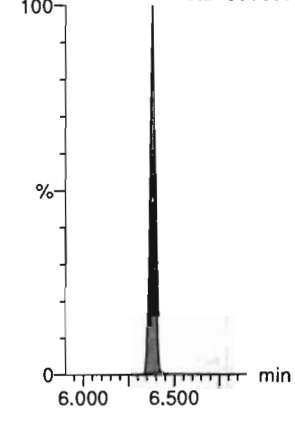
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.984e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.766e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.250e+005



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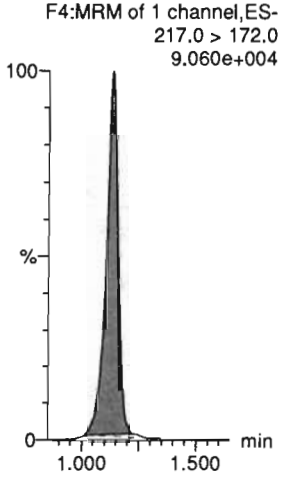
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-38.qld

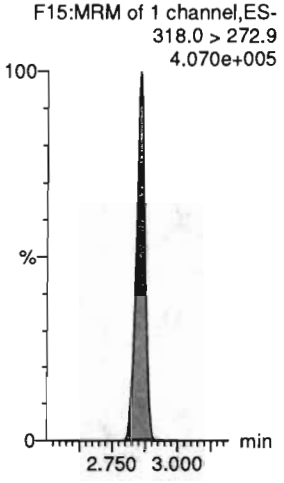
Last Altered: Wednesday, June 24, 2020 11:19:40 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 11:19:44 Pacific Daylight Time

Name: 200623P1-38, Date: 23-Jun-2020, Time: 17:24:16, ID: ST200623P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

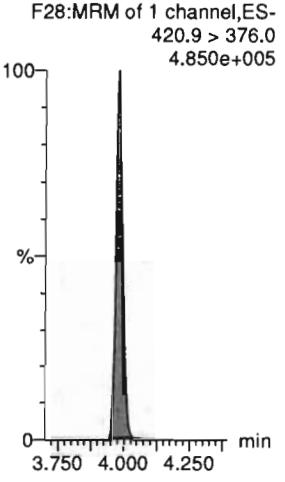
13C4-PFBA



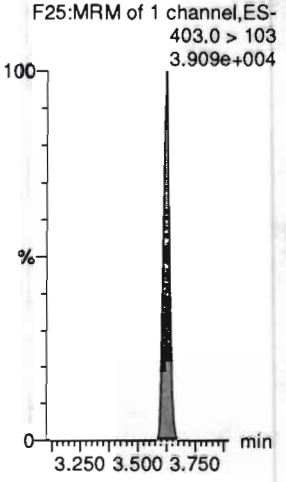
13C5-PFHxA



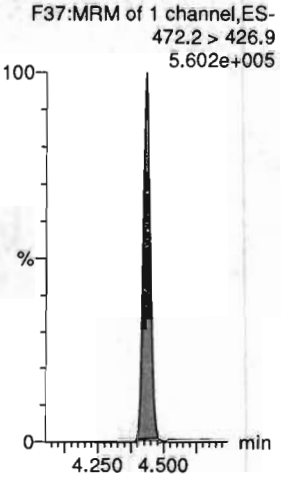
13C8-PFOA



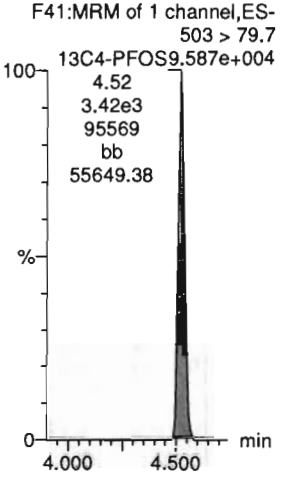
18O2-PFHxS



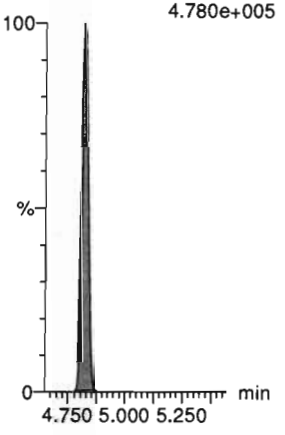
13C9-PFNA



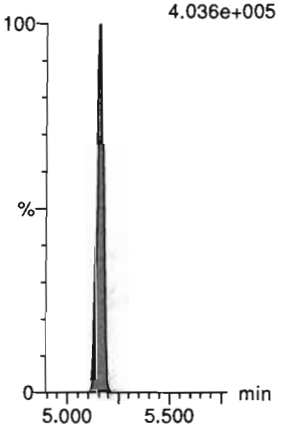
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

JAM 6/24/2020

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3965.498	4892.944	1.00	1.14	10.131	10.000	9.47	94.7	NO		
2	2	PFPrS	249 > 80	931.852	1400.507	1.00	1.48	8.317	10.000	9.05	90.5	NO	2.512	NO
3	3	3:3 FTCA	240.9 > 176.9	626.155	10693.542	1.00	1.92	0.732	10.000	9.92	99.2	NO	3.649	NO
4	4	PFPeA	263.1 > 218.9	8390.489	10693.542	1.00	2.07	9.808	10.000	10.2	102.2	NO		
5	5	PFBS	299.0 > 80	2871.482	1400.507	1.00	2.35	25.629	10.000	9.70	97.0	NO	2.384	NO
6	6	4:2 FTS	326.9 > 306.9	3320.354	1471.871	1.00	2.78	28.198	10.000	10.1	101.1	NO	12.918	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	4892.944		1.00	1.14	4892.944	12.500	13.1	105.1	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1400.507		1.00	2.35	1400.507	12.500	13.6	108.6	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	10693.542		1.00	2.06	10693.542	12.500	12.5	99.8	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	10693.542		1.00	2.06	10693.542	12.500	12.5	99.8	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1400.507		1.00	2.35	1400.507	12.500	13.6	108.6	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1471.871		1.00	2.78	1471.871	12.500	11.4	90.8	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	12201.378	13790.055	1.00	2.87	11.060	10.000	10.0	100.4	NO	15.175	NO
15	8	PFPeS	349.>80	2628.058	1400.507	1.00	3.07	23.456	10.000	10.5	105.4	NO	2.249	NO
16	9	HFPO-DA	285.1 > 168.9	1987.923	2576.682	1.00	3.08	9.644	10.000	9.70	97.0	NO	2.309	NO
17	10	5:3 FTCA	340.9 > 236.9	1402.249	12863.148	1.00	3.42	1.363	10.000	9.01	90.1	NO	1.632	NO
18	11	PFHpA	363.0 > 319	13026.244	12863.148	1.00	3.48	12.658	10.000	9.74	97.4	NO	60.917	NO
19	12	ADONA	376.8 > 250.9	23659.326	12863.148	1.00	3.59	22.991	10.000	9.83	98.3	NO	4.380	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	13790.055		1.00	2.86	13790.055	12.500	12.3	98.3	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1400.507		1.00	2.35	1400.507	12.500	13.6	108.6	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2576.682		1.00	3.08	2576.682	12.500	12.3	98.2	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	12863.148		1.00	3.48	12863.148	12.500	12.5	99.8	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	12863.148		1.00	3.48	12863.148	12.500	12.5	99.8	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	12863.148		1.00	3.48	12863.148	12.500	12.5	99.8	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2701.910	2930.436	1.00	3.62	11.525	10.000	10.3	102.8	NO	4.037	NO
28	15	6:2 FTS	427.0 > 407	1617.842	1778.064	1.00	3.93	11.374	10.000	9.06	90.6	NO	0.654	NO
29	16	L-PFOA	413 > 369	13762.748	16387.641	1.00	3.99	10.498	10.000	9.34	93.4	NO	2.907	NO
30	18	PFecHS	461 > 381.0	2846.400	16387.641	1.00	4.00	2.171	10.000	9.66	96.6	NO	0.546	NO
31	19	PFHpS	449.0 > 80	2443.592	3144.699	1.00	4.10	9.713	10.000	9.97	99.7	NO	1.765	NO
32	20	7:3 FTCA	440.9 > 336.9	2408.722	18049.648	1.00	4.42	1.668	10.000	8.82	88.2	NO	1.288	NO
33	61	13C3-PFHxS-EIS	402 > 80	2930.436		1.00	3.62	2930.436	12.500	11.8	94.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1778.064		1.00	3.93	1778.064	12.500	12.5	100.0	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	16387.641		1.00	3.99	16387.641	12.500	13.2	105.6	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	16387.641		1.00	3.99	16387.641	12.500	13.2	105.6	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

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Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	3144.699		1.00	4.53	3144.699	12.500	13.2	105.6	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	18049.648		1.00	4.44	18049.648	12.500	13.0	104.1	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	15052.388	18049.648	1.00	4.44	10.424	10.000	9.10	91.0	NO	12.804	NO
41	22	PFOSA	498 > 78	3094.245	5311.136	1.00	4.49	7.282	10.000	10.6	106.4	NO	21.538	NO
42	23	L-PFOS	499 > 80	3044.384	3144.699	1.00	4.53	12.101	10.000	10.2	102.0	NO	2.420	NO
43	25	9Cl-PF30NS	531 > 351	6343.000	3144.699	1.00	4.75	25.213	10.000	9.31	93.1	NO	35.330	NO
44	26	PFDA	513 > 469	14150.291	19987.875	1.00	4.82	8.849	10.000	9.84	98.4	NO	5.006	NO
45	27	8:2 FTS	526.8 > 506.9	1752.506	1784.789	1.00	4.79	12.274	10.000	10.2	102.5	NO	0.739	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	18049.648		1.00	4.44	18049.648	12.500	13.0	104.1	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5311.136		1.00	4.49	5311.136	12.500	11.5	92.0	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	3144.699		1.00	4.53	3144.699	12.500	13.2	105.6	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	3144.699		1.00	4.53	3144.699	12.500	13.2	105.6	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	19987.875		1.00	4.82	19987.875	12.500	12.4	99.0	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1784.789		1.00	4.79	1784.789	12.500	13.0	104.1	NO		
52	-1													
53	28	PFNS	549 > 80	2979.698	3144.699	1.00	4.89	11.844	10.000	9.67	96.7	NO	2.326	NO
54	29	L-MeFOSAA	570 > 419	4192.676	4315.735	1.00	4.98	12.144	10.000	9.68	96.8	NO	1.764	NO
55	31	L-EtFOSAA	583.9 > 419	4921.433	4714.083	1.00	5.14	13.050	10.000	9.33	93.3	NO	1.328	NO
56	33	PFUdA	563.0 > 519	16484.602	19219.273	1.00	5.15	10.721	10.000	9.98	99.8	NO	17.475	NO
57	34	PFDS	598.8 >79.9	2885.411	3144.699	1.00	5.21	11.469	10.000	10.2	101.8	NO	2.227	NO
58	35	11Cl-PF30UdS	631 > 451	4718.879	22266.604	1.00	5.37	2.649	10.000	8.97	89.7	NO	14.912	NO
59	71	13C8-PFOS-EIS	507.1 > 80	3144.699		1.00	4.53	3144.699	12.500	13.2	105.6	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4315.735		1.00	4.98	4315.735	12.500	12.0	95.8	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4714.083		1.00	5.14	4714.083	12.500	12.2	97.6	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	19219.273		1.00	5.15	19219.273	12.500	12.6	100.9	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	3144.699		1.00	4.53	3144.699	12.500	13.2	105.6	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	22266.604		1.00	5.45	22266.604	12.500	12.3	98.1	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1909.457	1222.333	1.00	5.43	19.527	10.000	10.4	103.9	NO	1.248	NO
67	37	PFDoA	612.9 > 569.0	16872.166	22266.604	1.00	5.45	9.472	10.000	9.97	99.7	NO	11.891	NO
68	38	N-MeFOSA	512.1 > 168.9	7002.514	19188.814	1.00	5.52	54.447	50.000	50.4	100.8	NO	1.885	NO
69	39	PFTrDA	662.9 > 618.9	17655.727	22266.604	1.00	5.70	9.912	10.000	9.82	98.2	NO	96.129	NO
70	40	PFDoS	699 > 80	3035.207	22209.902	1.00	5.72	1.708	10.000	8.90	89.0	NO	1.926	NO
71	41	PFTeDA	713.0 > 669.0	11806.083	22209.902	1.00	5.92	6.645	10.000	9.55	95.5	NO	14.465	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1222.333		1.00	5.42	1222.333	12.500	12.2	97.3	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
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Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	22266.604		1.00	5.45	22266.604	12.500	12.3	98.1	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	19188.814		1.00	5.55	19188.814	149.200	142	95.2	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	22266.604		1.00	5.45	22266.604	12.500	12.3	98.1	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	22209.902		1.00	5.92	22209.902	12.500	12.8	102.5	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	22209.902		1.00	5.92	22209.902	12.500	12.8	102.5	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	10206.379	24712.072	1.00	5.99	61.621	50.000	51.9	103.7	NO	1.840	NO
80	43	PFHxDA	813 > 769	19835.713	25654.855	1.00	6.27	9.665	10.000	9.01	90.1	NO	32.392	NO
81	44	PFODA	913.1 > 868.8	18813.061	25654.855	1.00	6.52	9.166	10.000	9.79	97.9	NO		
82	45	N-MeFOSE	616.1 > 58.9	9054.050	22424.213	1.00	6.24	60.241	50.000	53.7	107.4	NO		
83	46	N-EtFOSE	630.1 > 58.9	9279.061	25073.061	1.00	6.39	55.216	50.000	50.4	100.7	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4889.053	5754.576	1.00	1.14	10.620	12.500	12.4	99.4	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	24712.072		1.00	6.01	24712.072	149.200	143	95.8	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	25654.855		1.00	6.27	25654.855	12.500	12.6	100.7	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	25654.855		1.00	6.27	25654.855	12.500	12.6	100.7	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	22424.213		1.00	6.23	22424.213	149.200	146	97.7	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	25073.061		1.00	6.38	25073.061	149.200	147	98.5	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	10472.040	15980.181	1.00	2.06	8.191	12.500	12.2	97.7	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1399.952	1228.102	1.00	2.35	14.249	12.500	12.5	99.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2576.682	15980.181	1.00	3.08	2.016	12.500	12.8	102.6	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1471.871	1228.102	1.00	2.78	14.981	12.500	12.3	98.1	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	13790.055	15980.181	1.00	2.86	10.787	12.500	12.3	98.7	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	12863.148	15980.181	1.00	3.48	10.062	12.500	13.0	103.6	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2930.436	1228.102	1.00	3.62	29.827	12.500	12.3	98.3	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1778.064	3229.499	1.00	3.93	6.882	12.500	12.8	102.4	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	18049.648	18817.299	1.00	4.44	11.990	12.500	12.7	101.7	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5311.136	15185.151	1.00	4.49	4.372	12.500	10.9	87.6	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	16387.641	15151.549	1.00	3.99	13.520	12.500	12.5	100.2	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	3144.699	3229.499	1.00	4.53	12.172	12.500	13.8	110.4	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	19987.875	16199.531	1.00	4.82	15.423	12.500	12.8	102.3	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1784.789	3229.499	1.00	4.79	6.908	12.500	13.0	103.8	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4315.735	15185.151	1.00	4.98	3.553	12.500	11.5	91.9	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	19219.273	15185.151	1.00	5.15	15.821	12.500	12.2	97.5	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	4714.083	15185.151	1.00	5.14	3.881	12.500	11.9	95.3	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

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Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	22266.604	16199.531	1.00	5.45	17.182	12.500	13.3	106.3	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1222.333	3229.499	1.00	5.42	4.731	12.500	12.2	98.0	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	19188.814	15185.151	1.00	5.55	15.796	149.200	129	86.7	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	22209.902	15185.151	1.00	5.92	18.283	12.500	12.2	97.8	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	24712.072	15185.151	1.00	6.01	20.342	149.200	138	92.5	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	25654.855	15185.151	1.00	6.27	21.118	12.500	12.3	98.1	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	22681.668	15185.151	1.00	6.23	18.671	149.200	144	96.3	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	25073.061	15185.151	1.00	6.38	20.639	149.200	142	94.9	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5754.576	5754.576	1.00	1.14	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	15980.181	15980.181	1.00	2.86	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	15151.549	15151.549	1.00	3.98	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1228.102	1228.102	1.00	3.62	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	18817.299	18817.299	1.00	4.44	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3229.499	3229.499	1.00	4.53	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	16199.531	16199.531	1.00	4.82	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	15185.151	15185.151	1.00	5.15	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
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Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200623P1-1	IPA	23-Jun-20	10:00:05
2	2	200623P1-2	TEST	23-Jun-20	10:10:36
3	3	200623P1-3	IPA	23-Jun-20	10:21:07
4	4	200623P1-4	IPA	23-Jun-20	10:31:37
5	5	200623P1-5	ST200623P1-1 PFC CS-2 20F1901	23-Jun-20	10:52:50
6	6	200623P1-6	ST200623P1-2 PFC CS-1 20F1902	23-Jun-20	11:03:24
7	7	200623P1-7	ST200623P1-3 PFC CS0 20F1903	23-Jun-20	11:13:55
8	8	200623P1-8	ST200623P1-4 PFC CS1 20F1904	23-Jun-20	11:24:25
9	9	200623P1-9	ST200623P1-5 PFC CS2 20F1905	23-Jun-20	11:34:54
10	10	200623P1-10	ST200623P1-6 PFC CS3 20F1906	23-Jun-20	11:45:26
11	11	200623P1-11	ST200623P1-7 PFC CS4 20F1907	23-Jun-20	11:55:56
12	12	200623P1-12	ST200623P1-8 PFC CS5 20F1908	23-Jun-20	12:06:25
13	13	200623P1-13	ST200623P1-9 PFC CS6 20F1909	23-Jun-20	12:16:57
14	14	200623P1-14	ST200623P1-10 PFC CS7 20F1910	23-Jun-20	12:27:27
15	15	200623P1-15	IB	23-Jun-20	12:37:56
16	16	200623P1-16	ICV200623P1-1 PFC ICV 20F1911	23-Jun-20	12:48:27
17	17	200623P1-17	IB	23-Jun-20	12:58:58
18	18	200623P1-18	B0F0188-BLK1 Method Blank 1	23-Jun-20	13:09:28
19	19	200623P1-19	B0F0188-BS1 OPR 1	23-Jun-20	13:20:36
20	20	200623P1-20	B0F0188-MS1 Matrix Spike 2.8	23-Jun-20	13:31:07
21	21	200623P1-21	B0F0188-MSD1 Matrix Spike Dup 2.81	23-Jun-20	13:41:39
22	22	200623P1-22	2001298-01 ST-1-06152020 2.8	23-Jun-20	13:52:10
23	23	200623P1-23	B0F0111-BLK1 Method Blank 0.25	23-Jun-20	14:02:39
24	24	200623P1-24	B0F0111-BS1 OPR 0.25	23-Jun-20	14:13:10
25	25	200623P1-25	B0F0111-BSD1 LCSD 0.25	23-Jun-20	14:23:41
26	26	200623P1-26	2001254-01 A4-MW6D-R1 0.24902	23-Jun-20	14:34:10
27	27	200623P1-27	2001254-02 A4-MW6S-R1 0.25492	23-Jun-20	14:44:41
28	28	200623P1-28	2001254-03 A4-MW2D-R1 0.25027	23-Jun-20	14:55:12
29	29	200623P1-29	2001254-04 A4-MW2D-EB1-R1 0.24997	23-Jun-20	15:05:40
30	30	200623P1-30	2001254-05 A4-MW2D-EB2-R1 0.24769	23-Jun-20	15:16:13
31	31	200623P1-31	2001254-06 A4-MW2S-R1 0.25184	23-Jun-20	15:26:42
32	32	200623P1-32	2001254-07 A4-MW3D-R1 0.2478	23-Jun-20	15:37:13

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Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
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Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
33	33	200623P1-33	2001254-08 A4-MW3S-R1 0.2577	23-Jun-20	15:47:42
34	34	200623P1-34	2001254-09 A4-MW5S-DUP-R1 0.24857	23-Jun-20	15:58:14
35	35	200623P1-35	2001254-10 A4-MW5D-R1 0.2528	23-Jun-20	16:52:38
36	36	200623P1-36	2001254-11 A4-MW5S-R1 0.24938	23-Jun-20	17:03:16
37	37	200623P1-37	IB	23-Jun-20	17:13:47
38	38	200623P1-38	ST200623P1-11 PFC CS3 20F1906	23-Jun-20	17:24:16
39	39	200623P1-39	IB	23-Jun-20	17:34:47
40	40	200623P1-40	B0F0110-BLK1 Method Blank 0.25	23-Jun-20	17:45:18
41	41	200623P1-41	B0F0110-BS1 OPR 0.25	23-Jun-20	17:55:46
42	42	200623P1-42	B0F0110-BSD1 LCSD 0.25	23-Jun-20	18:06:19
43	43	200623P1-43	2001255-01 T12-Purgewater-PFAS 0.24164	23-Jun-20	18:16:48
44	44	200623P1-44	2001255-02 T15-Purgewater-PFAS 0.2515	23-Jun-20	18:27:19
45	45	200623P1-45	2001255-03 T11-Purgewater-PFAS 0.25227	23-Jun-20	18:37:49
46	46	200623P1-46	2001255-04 T7-Purgewater-PFAS 0.24219	23-Jun-20	18:48:19
47	47	200623P1-47	2001255-05 T5-Purgewater-PFAS 0.24115	23-Jun-20	18:58:50
48	48	200623P1-48	2001255-06 T4-Purgewater-PFAS 0.2491	23-Jun-20	19:09:21
49	49	200623P1-49	2001255-07 T1-Purgewater-PFAS 0.24583	23-Jun-20	19:19:49
50	50	200623P1-50	B0F0145-BLK1 Method Blank 0.125	23-Jun-20	19:30:21
51	51	200623P1-51	B0F0145-BS1 OPR 0.125	23-Jun-20	19:40:50
52	52	200623P1-52	2001271-01 GW-MW-4 0.11004	23-Jun-20	19:51:21
53	53	200623P1-53	2001271-02 GW-MW-4-DUP 0.11187	23-Jun-20	20:01:50
54	54	200623P1-54	2001271-03 GW-FPC-9B 0.11267	23-Jun-20	20:12:22
55	55	200623P1-55	IB	23-Jun-20	20:22:51
56	56	200623P1-56	ST200623P1-12 PFC CS3 20F1906	23-Jun-20	20:33:22
57	57	200623P1-57	IB	23-Jun-20	20:43:53
58	58	200623P1-58	2001271-04 GW-FPC-3C 0.11161	23-Jun-20	20:54:22
59	59	200623P1-59	2001271-05 GW-FPC-3A 0.10799	23-Jun-20	21:04:54
60	60	200623P1-60	2001271-06 GW-FPC-3B 0.11341	23-Jun-20	21:15:23
61	61	200623P1-61	2001271-07 GW-FPC-2B 0.10944	23-Jun-20	21:25:54
62	62	200623P1-62	2001271-08 GW-FPC-2A 0.10841	23-Jun-20	21:36:24
63	63	200623P1-63	2001271-09 EB-Water Level 0.11306	23-Jun-20	21:46:53
64	64	200623P1-64	2001271-10 GW-AE-3B 0.10992	23-Jun-20	21:57:25
65	65	200623P1-65	2001220-09@5X SB-5 1-3' 1.3	23-Jun-20	22:07:54
66	66	200623P1-66	2001220-11@5X SB-6 1-3' 1.52	23-Jun-20	22:18:25
67	67	200623P1-67	2001220-13@5X SB-7 1-3' 1.37	23-Jun-20	22:28:56
68	68	200623P1-68	2001220-14@5X SB-7 3-5' 1.34	23-Jun-20	22:39:25

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Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
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Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
69	69	200623P1-69	IB	23-Jun-20	22:49:56
70	70	200623P1-70	ST200623P1-13 PFC CS3 20F1906	23-Jun-20	23:00:27
71	71	200623P1-71	IB	23-Jun-20	23:10:55
72	72	200623P1-72	2001220-15@20X SB-8 1-3' 1.31	23-Jun-20	23:21:27
73	73	200623P1-73	2001220-16@5X SB-8 3-5' 1.35	23-Jun-20	23:31:58
74	74	200623P1-74	2001220-10 SB-5 3-5' 1.33	23-Jun-20	23:42:27
75	75	200623P1-75	2001220-12 SB-6 3-5' 1.33	23-Jun-20	23:52:59
76	76	200623P1-76	2001220-17 SB-9 1-3' 1.11	24-Jun-20	00:03:28
77	77	200623P1-77	B0F0144-BS1 OPR 0.125	24-Jun-20	00:14:00
78	78	200623P1-78	2001258-12 Equip Blank 2 0.24998	24-Jun-20	00:24:28
79	79	200623P1-79	IB	24-Jun-20	00:35:00
80	80	200623P1-80	ST200623P1-14 PFC CS3 20F1906	24-Jun-20	00:45:29
81	81	200623P1-81	IB	24-Jun-20	00:56:00

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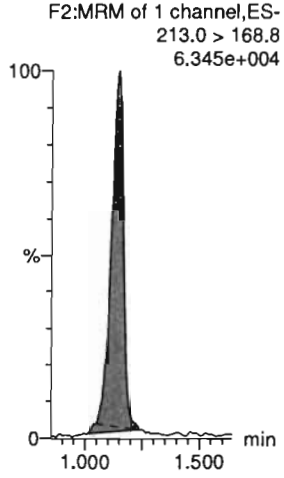
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

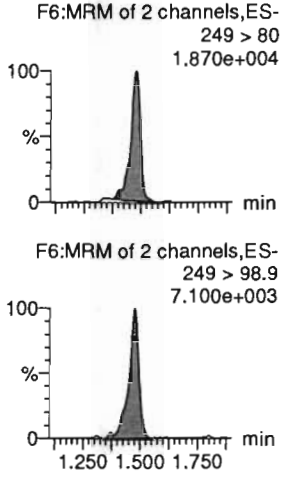
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

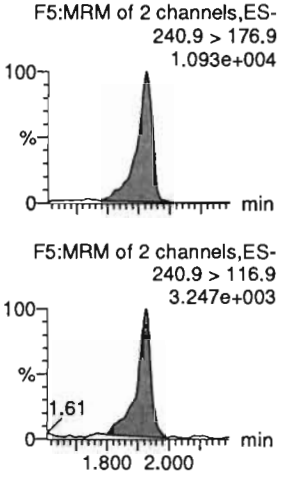
PFBA



PFPrS



3:3 FTCA



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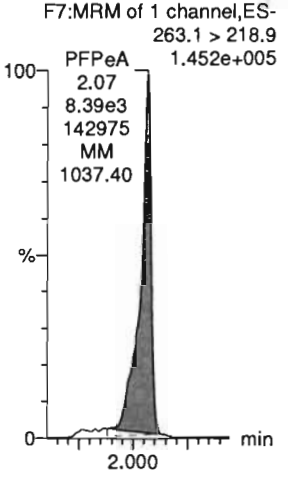

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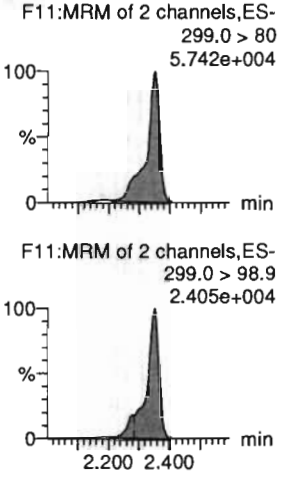
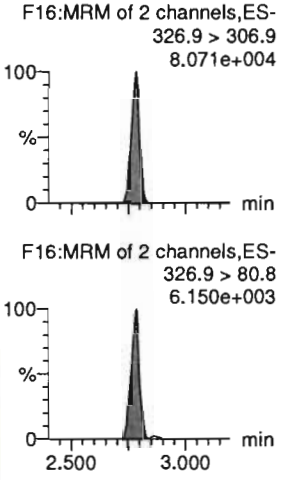
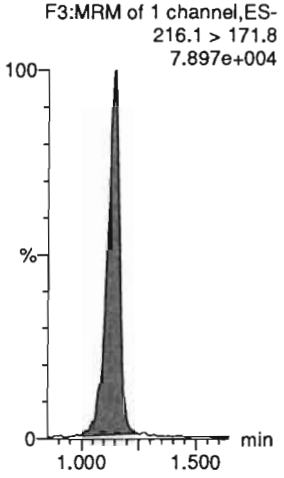


4:2 FTS



13C3-PFBA-EIS



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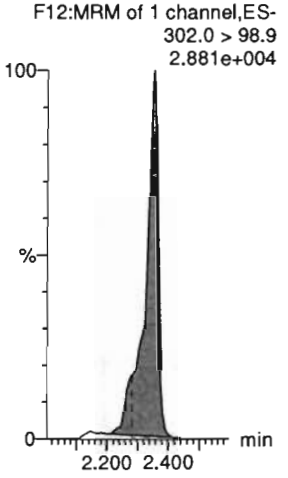

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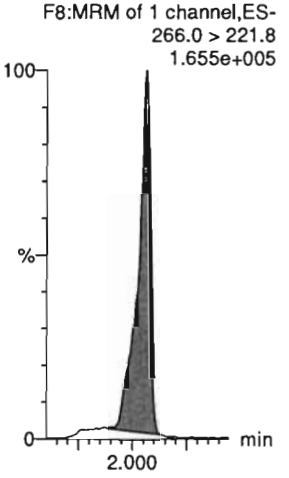

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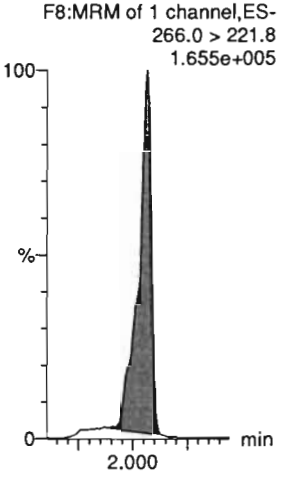

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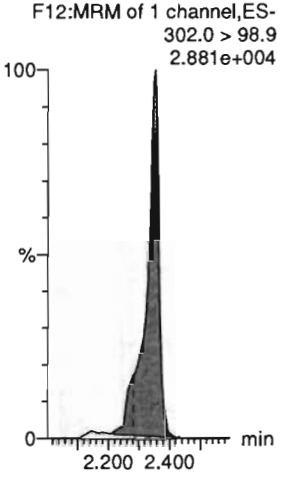
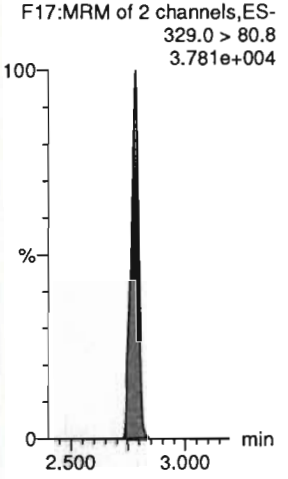


13C2-4:2 FTS-EIS



OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

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Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

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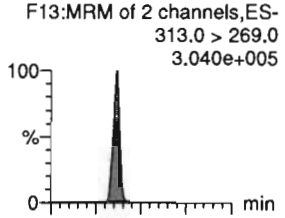
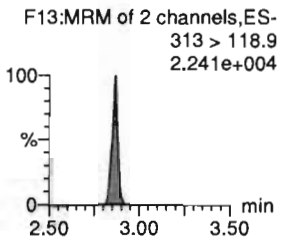
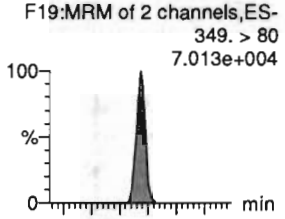
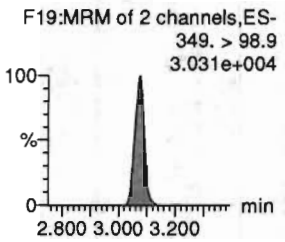


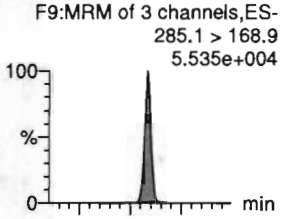


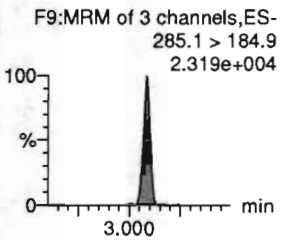
PFPeS



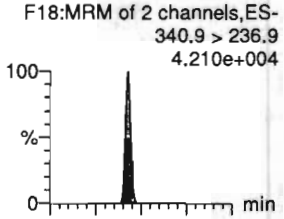


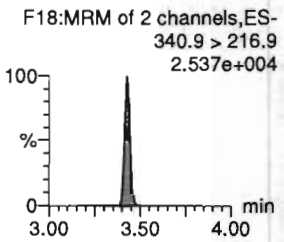
HFPO-DA



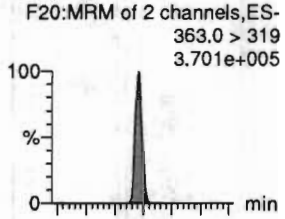


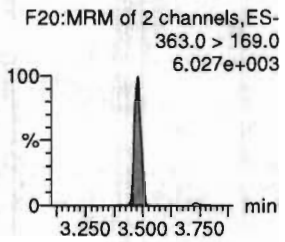
5:3 FTCA





PFHpA





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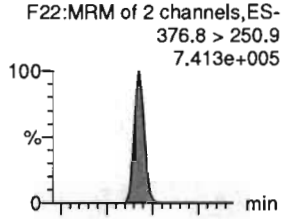

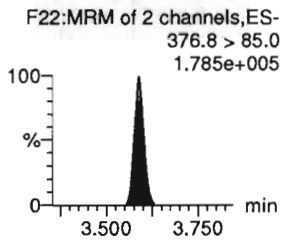

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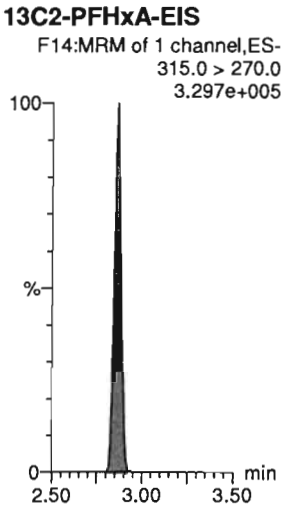
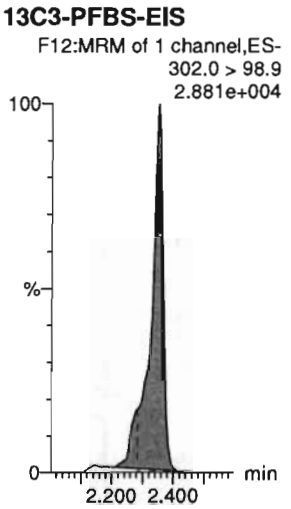
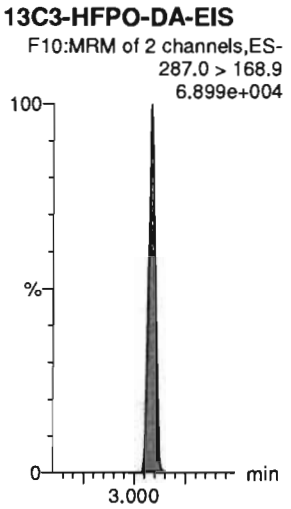


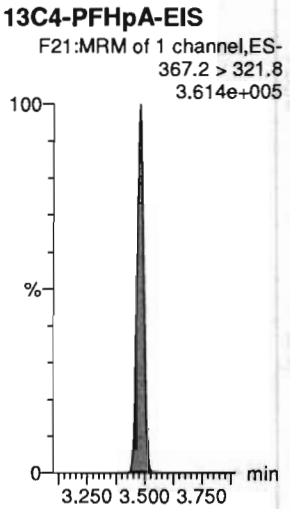
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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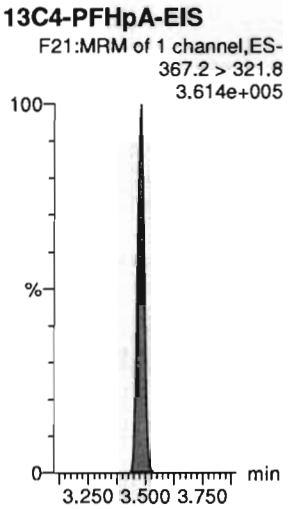

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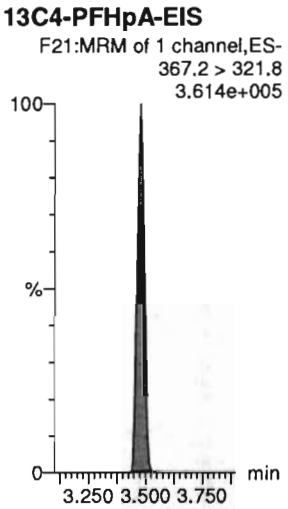

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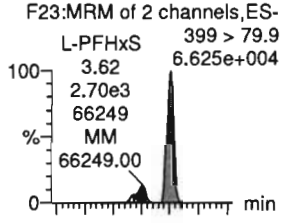
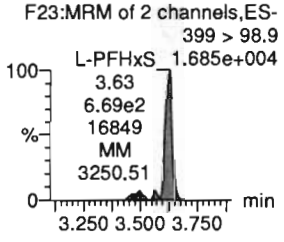
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

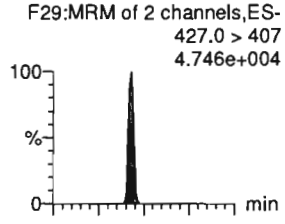
Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

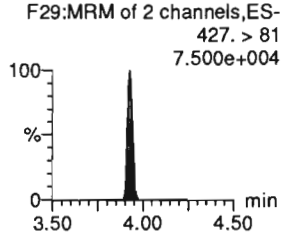
L-PFHxS



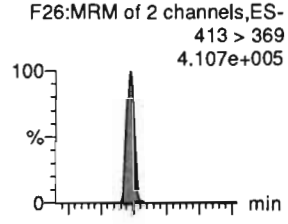


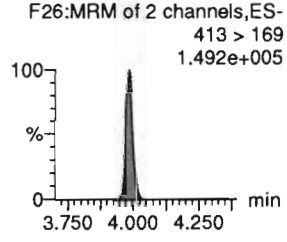
6:2 FTS





L-PFOA





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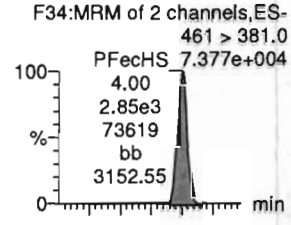
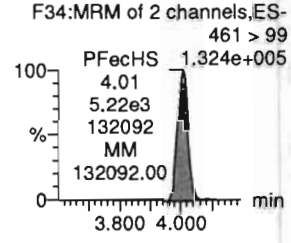
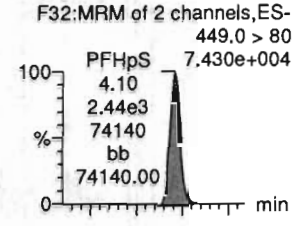
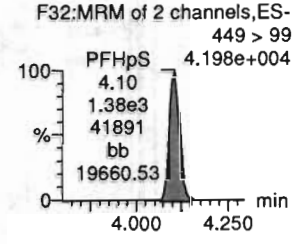


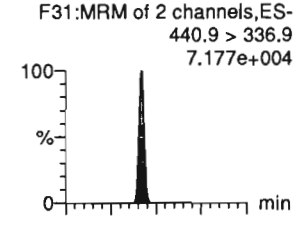


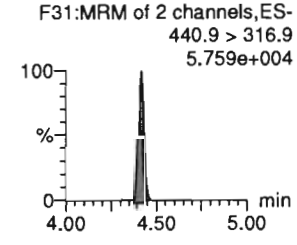
PFHpS



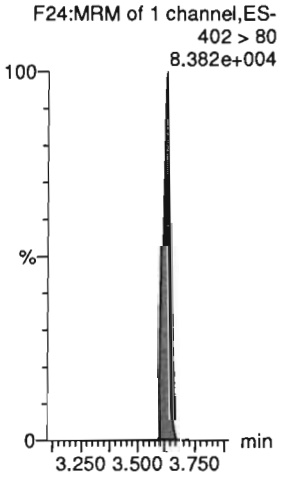


7:3 FTCA

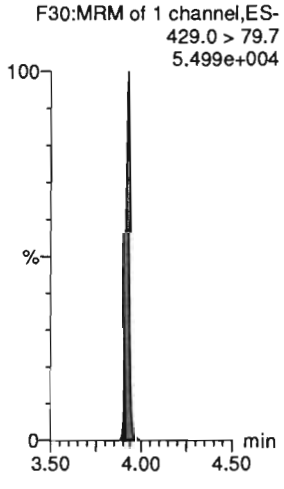




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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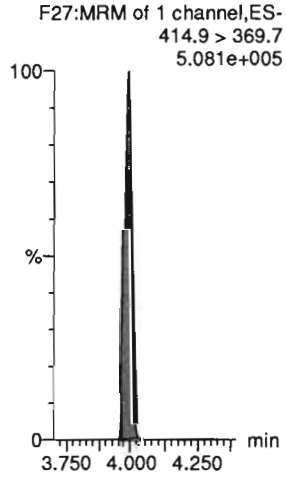

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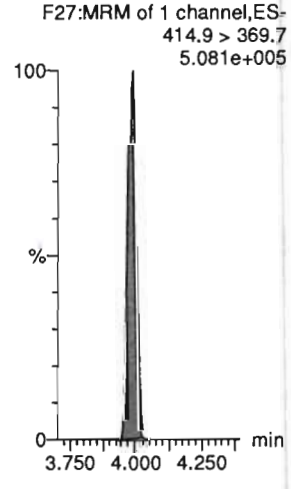

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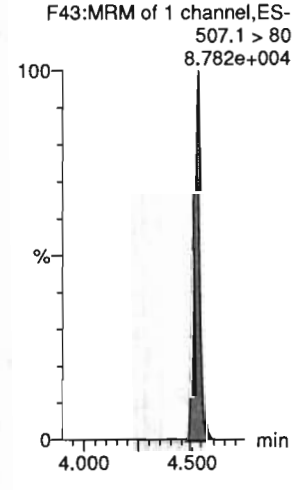

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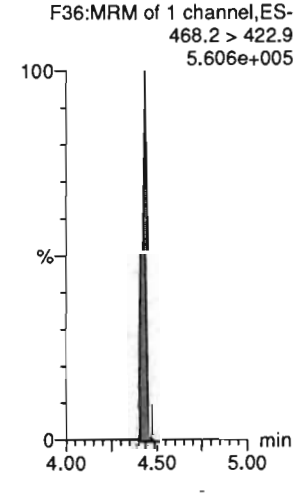

OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
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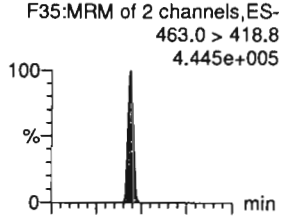
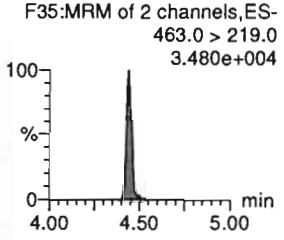
Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNA





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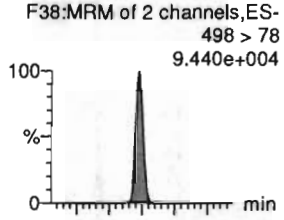
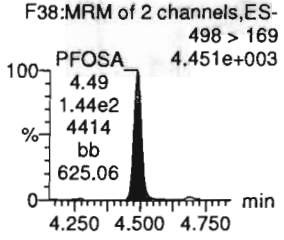
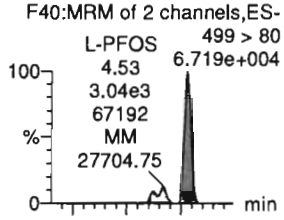
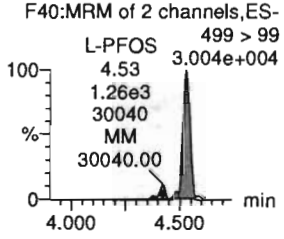


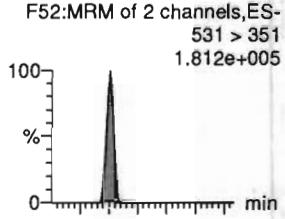


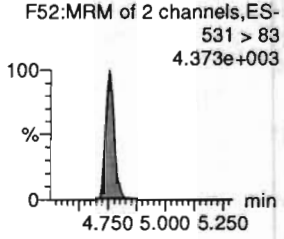
L-PFOS



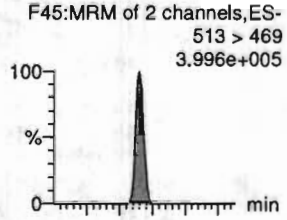


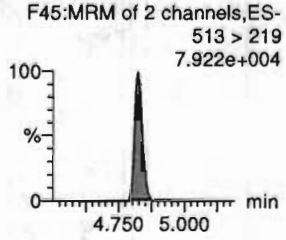
9Cl-PF30NS



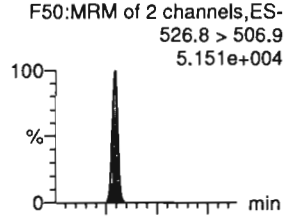


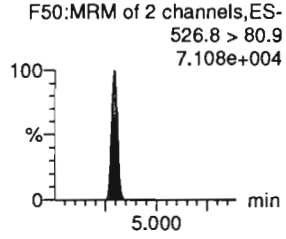
PFDA



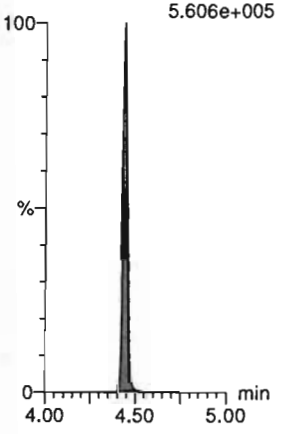


8:2 FTS

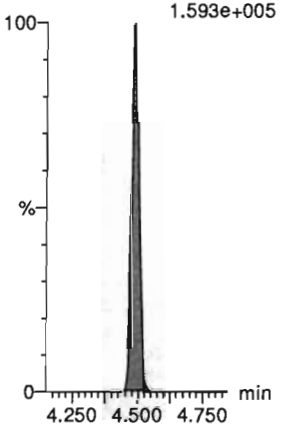




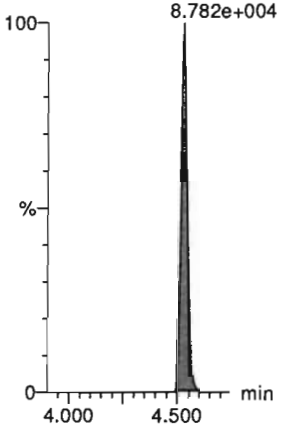
13C5-PFNA-EIS



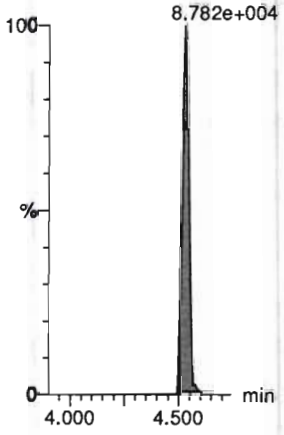
13C8-PFOSA-EIS



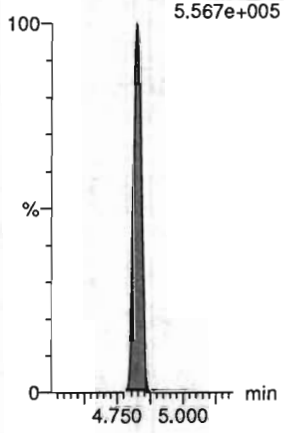
13C8-PFOS-EIS



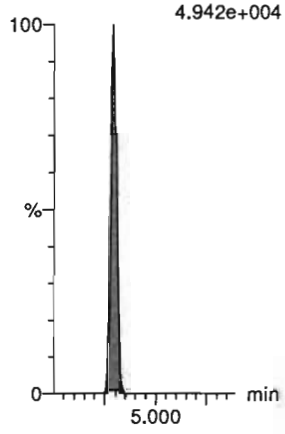
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



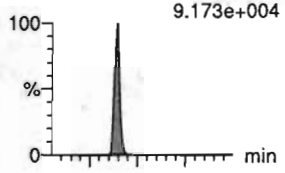
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

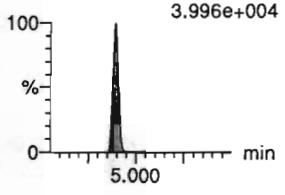
Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

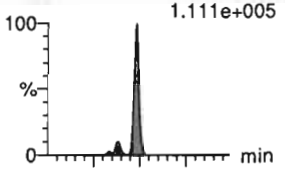
PFNS
F54:MRM of 2 channels,ES-
549 > 80
9.173e+004



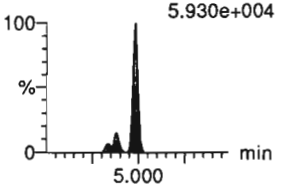
F54:MRM of 2 channels,ES-
549 > 99
3.996e+004



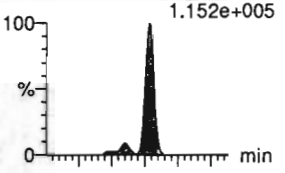
L-MeFOSAA
F57:MRM of 2 channels,ES-
570 > 419
1.111e+005



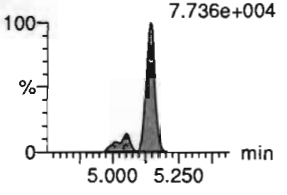
F57:MRM of 2 channels,ES-
570. > 512
5.930e+004



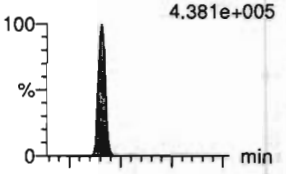
L-EtFOSAA
F60:MRM of 2 channels,ES-
583.9 > 419
1.152e+005



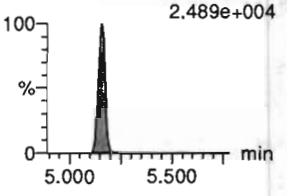
F60:MRM of 2 channels,ES-
583.9 > 526
7.736e+004



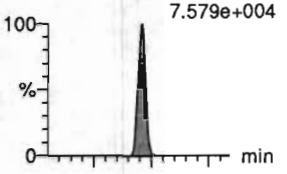
PFUdA
F55:MRM of 2 channels,ES-
563.0 > 519
4.381e+005



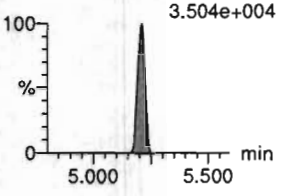
F55:MRM of 2 channels,ES-
563.0 > 269
2.489e+004



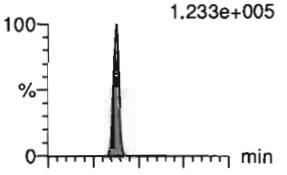
PFDS
F62:MRM of 2 channels,ES-
598.8 > 79.9
7.579e+004



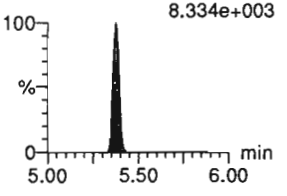
F62:MRM of 2 channels,ES-
598.8 > 98.9
3.504e+004



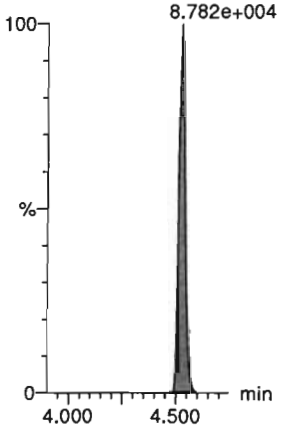
11Cl-PF30UdS
F69:MRM of 2 channels,ES-
631 > 451
1.233e+005



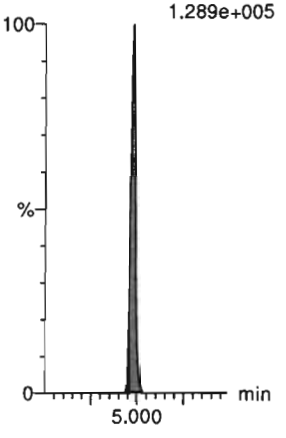
F69:MRM of 2 channels,ES-
631 > 83
8.334e+003



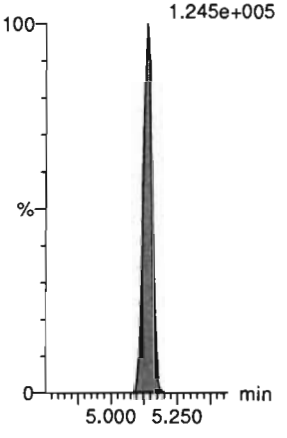
13C8-PFOS-EIS
F43:MRM of 1 channel,ES-
507.1 > 80
8.782e+004



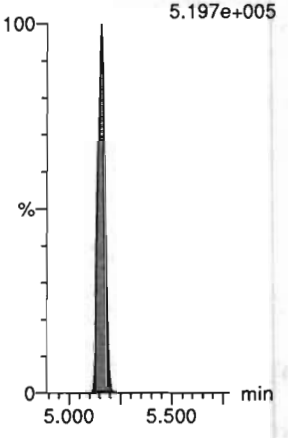
d3-N-MeFOSAA-EIS
F59:MRM of 1 channel,ES-
573.1 > 419
1.289e+005



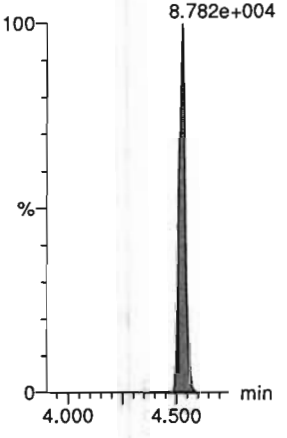
d5-N-EtFOSAA-EIS
F61:MRM of 1 channel,ES-
589.3 > 419
1.245e+005



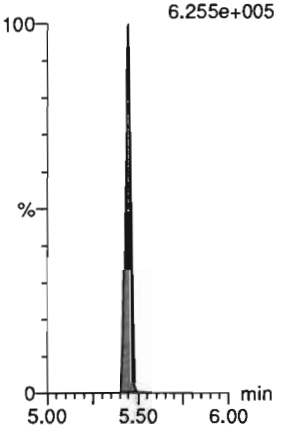
13C2-PFUdA-EIS
F56:MRM of 1 channel,ES-
565 > 519.8
5.197e+005



13C8-PFOS-EIS
F43:MRM of 1 channel,ES-
507.1 > 80
8.782e+004



13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.255e+005



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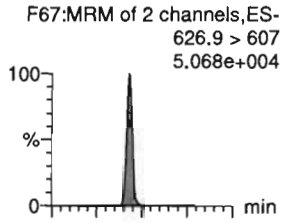
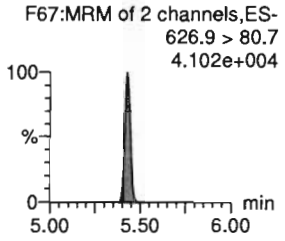
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

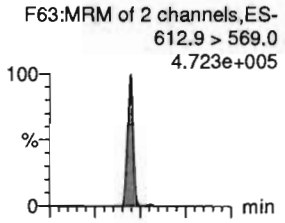
Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

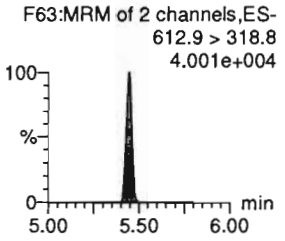
10:2 FTS



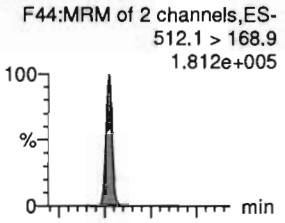


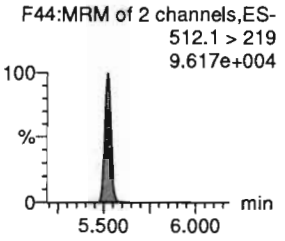
PFDoA



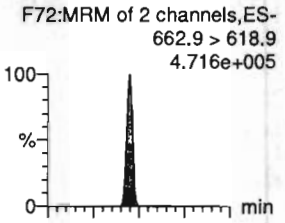


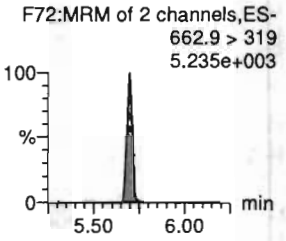
N-MeFOSA



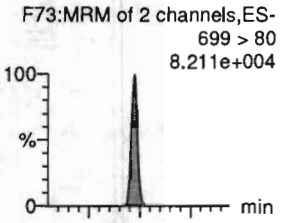


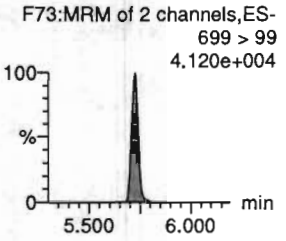
PFTrDA



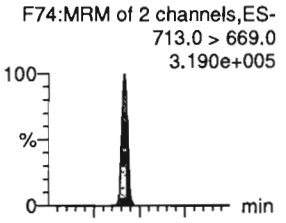


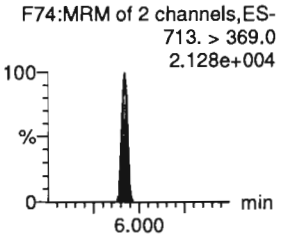
PFDoS



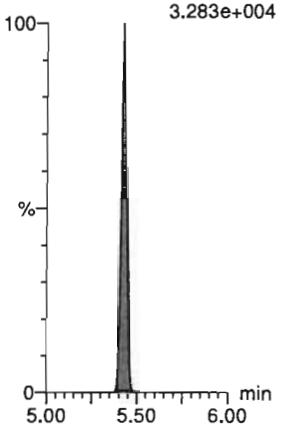


PFTeDA

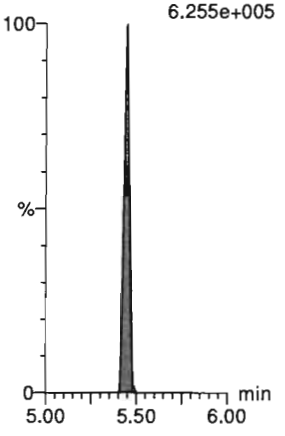




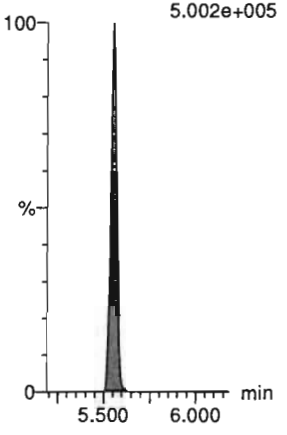
13C2-10:2 FTS-EIS



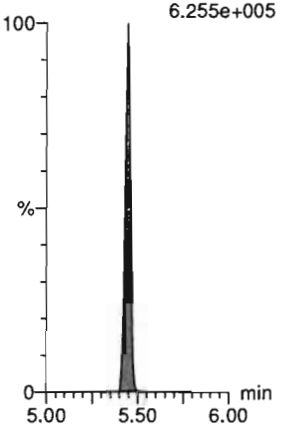
13C2-PFDoA-EIS



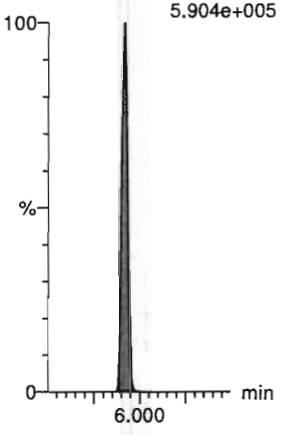
d3-N-MeFOSA-EIS



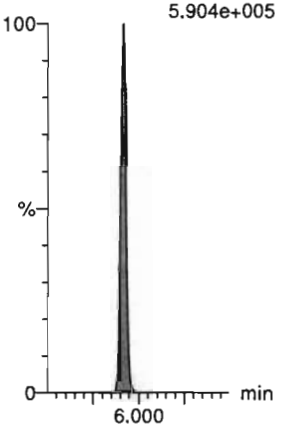
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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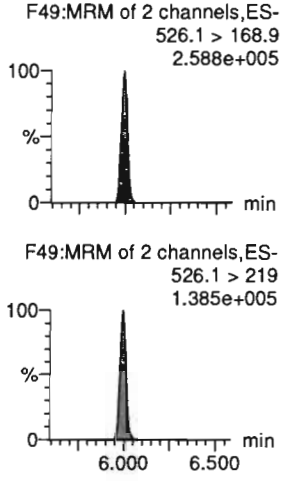
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

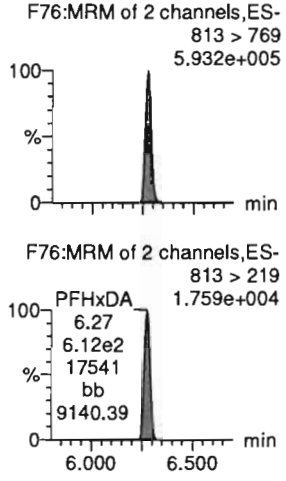
Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

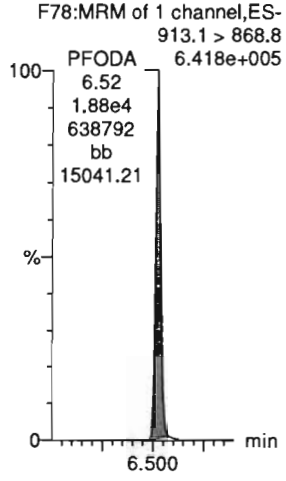
N-EtFOSA



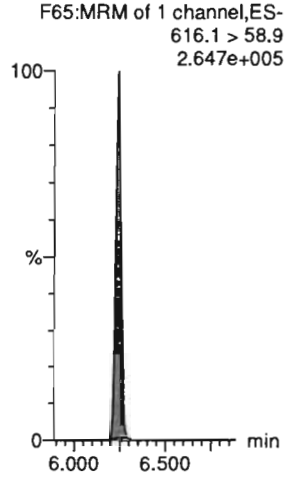
PFHxDA



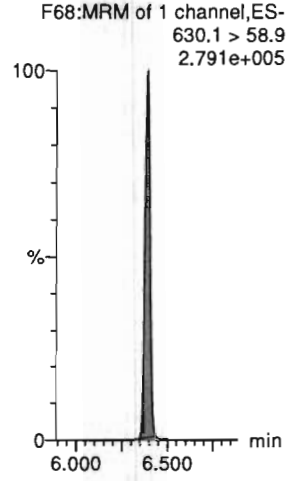
PFODA



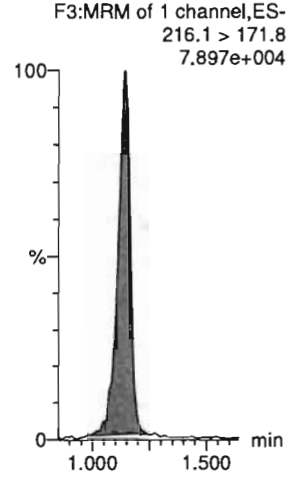
N-MeFOSE



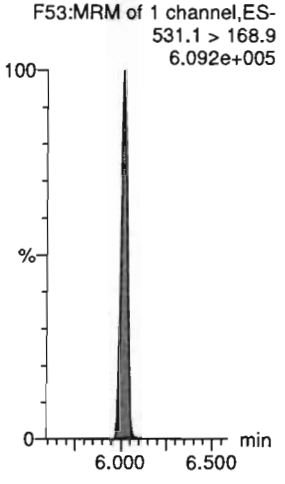
N-EtFOSE



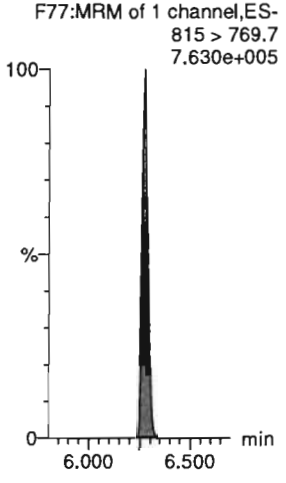
13C3-PFBA-RSD



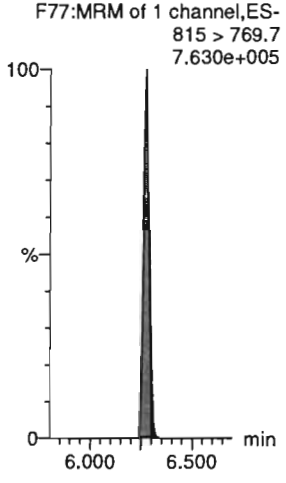
d5-N-ETFOSA-EIS



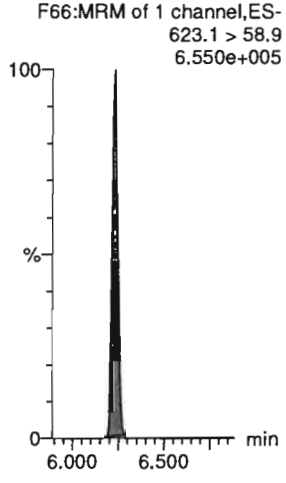
13C2-PFHxDA-EIS



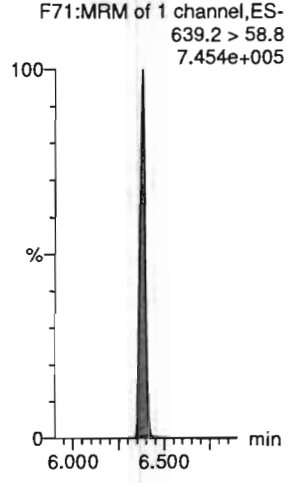
13C2-PFHxDA-EIS



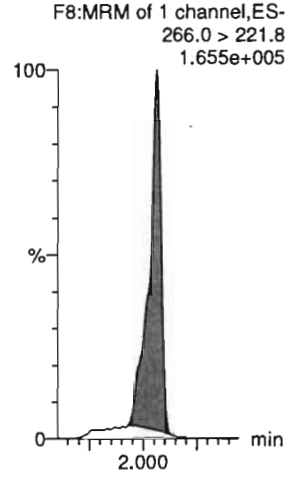
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



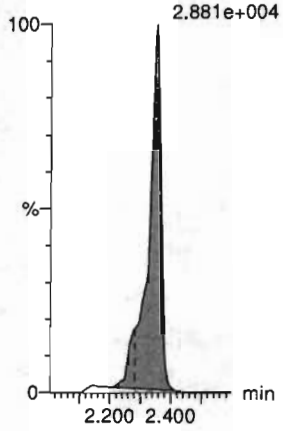
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

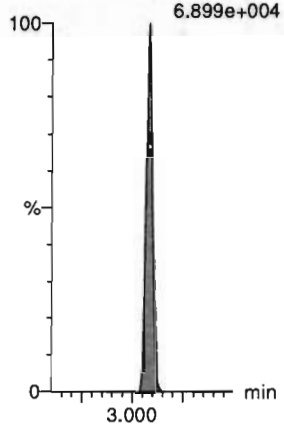
Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

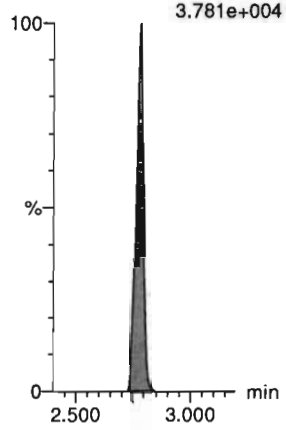
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.881e+004



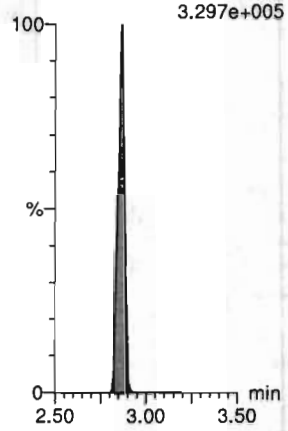
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.899e+004



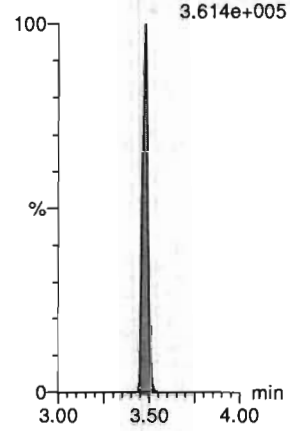
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.781e+004



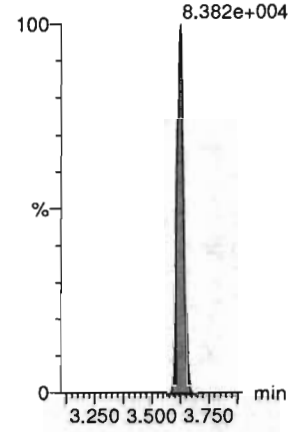
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.297e+005



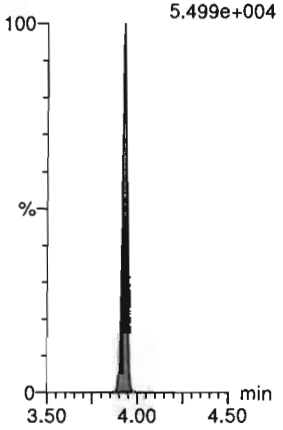
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.614e+005



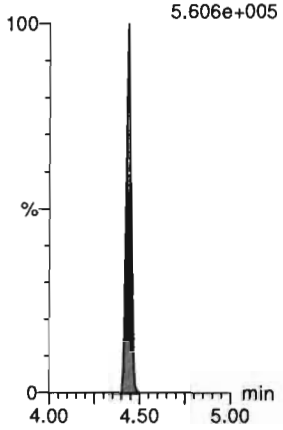
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.382e+004



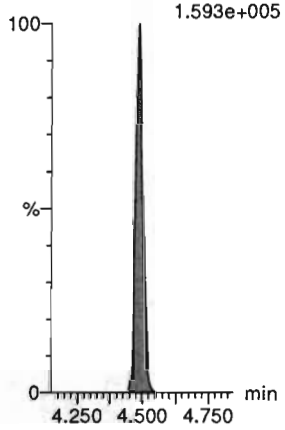
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.499e+004



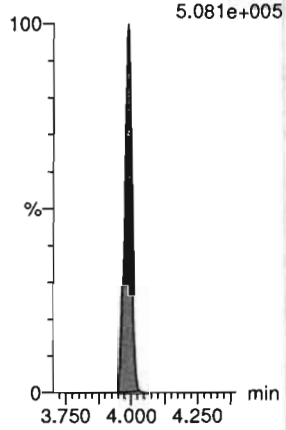
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.606e+005



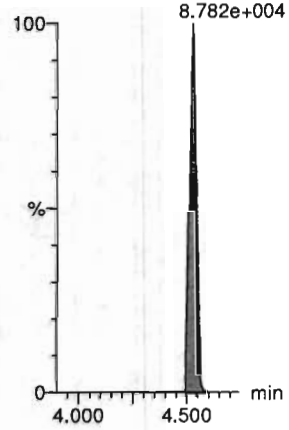
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.593e+005



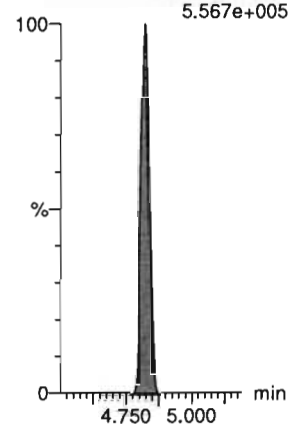
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
5.081e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.782e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.567e+005



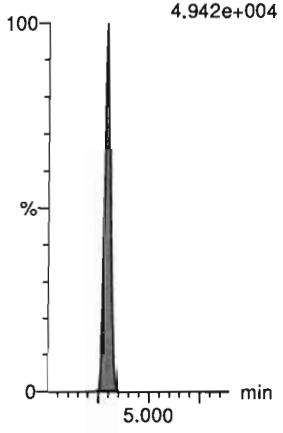
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

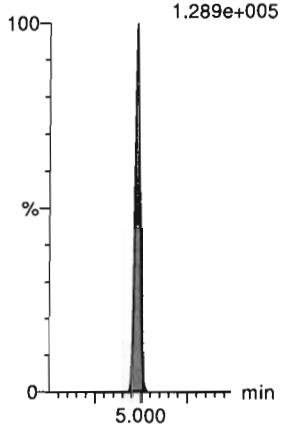
Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

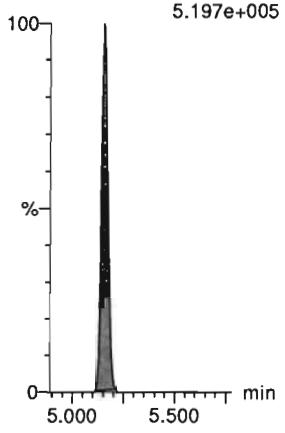
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.942e+004



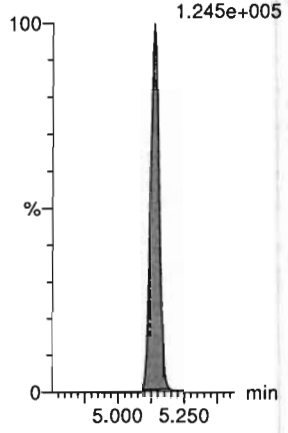
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.289e+005



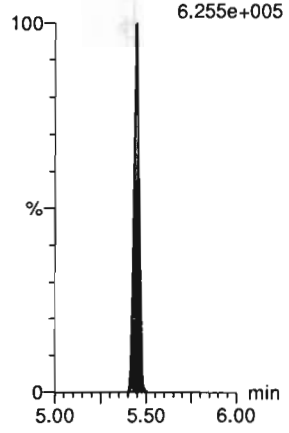
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.197e+005



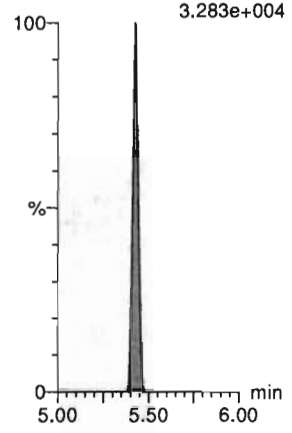
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.245e+005



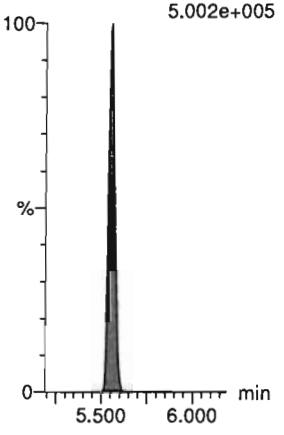
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.255e+005



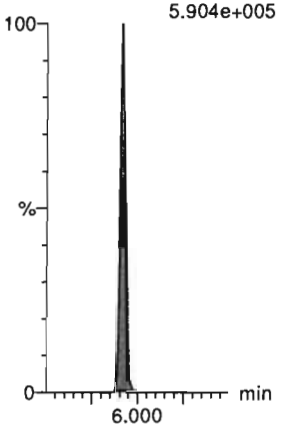
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.283e+004



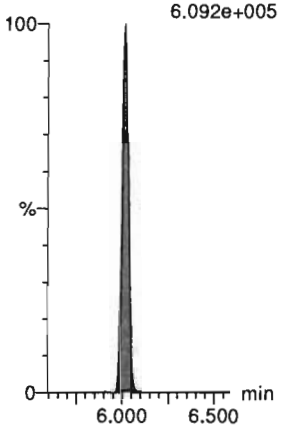
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.002e+005



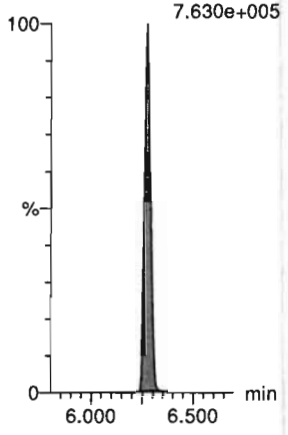
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.904e+005



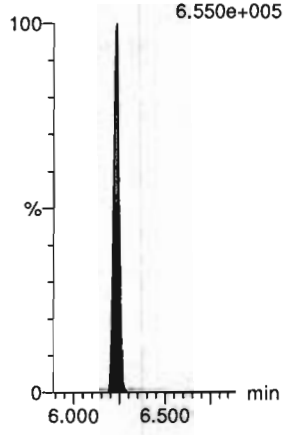
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.092e+005



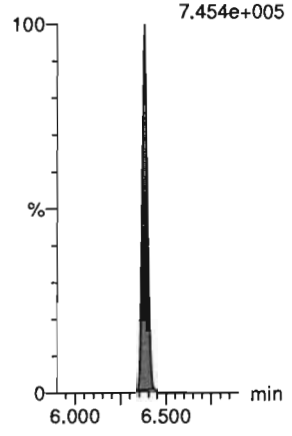
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.630e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.550e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.454e+005



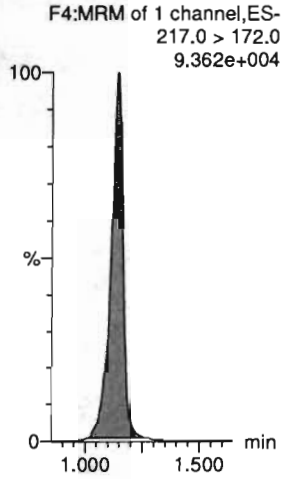
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-56.qld

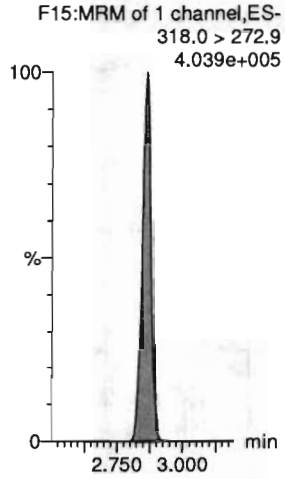
Last Altered: Wednesday, June 24, 2020 12:02:01 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:02:28 Pacific Daylight Time

Name: 200623P1-56, Date: 23-Jun-2020, Time: 20:33:22, ID: ST200623P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

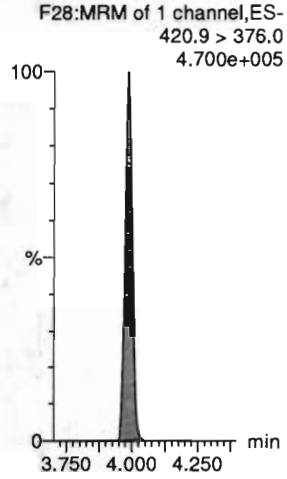
13C4-PFBA



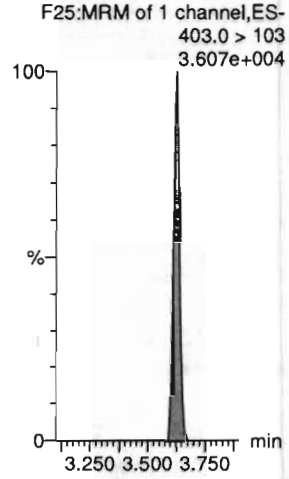
13C5-PFHxA



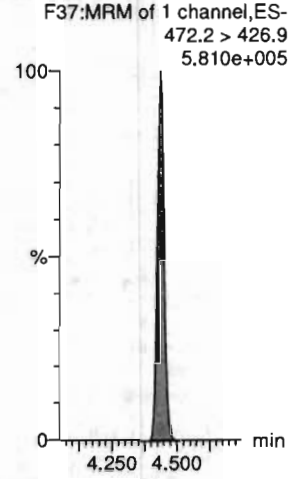
13C8-PFOA



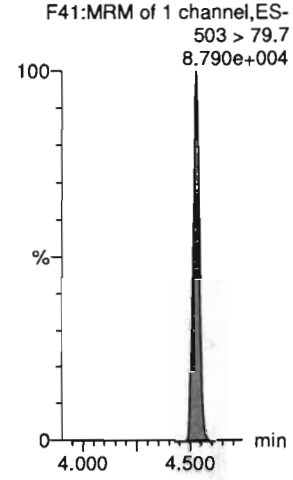
18O2-PFHxS



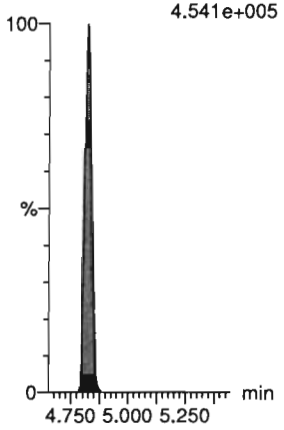
13C9-PFNA



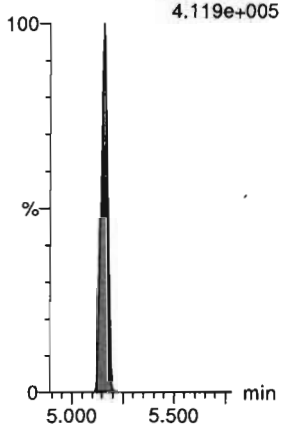
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

Last Altered: Wednesday, June 24, 2020 12:20:32 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

Jan 6/ 24/2020

Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4211.440	5074.530	1.00	1.14	10.374	10.000	9.70	97.0	NO		
2	2	PFPrS	249 > 80	1028.185	1500.938	1.00	1.48	8.563	10.000	9.31	93.1	NO	2.778	NO
3	3	3:3 FTCA	240.9 > 176.9	679.937	11373.168	1.00	1.93	0.747	10.000	10.1	101.3	NO	4.063	NO
4	4	PFPeA	263.1 > 218.9	8582.578	11373.168	1.00	2.07	9.433	10.000	9.83	98.3	NO		
5	5	PFBS	299.0 > 80	3054.629	1500.938	1.00	2.35	25.439	10.000	9.63	96.3	NO	2.510	NO
6	6	4:2 FTS	326.9 > 306.9	3116.978	1462.182	1.00	2.78	26.647	10.000	9.56	95.6	NO	12.489	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	5074.530		1.00	1.14	5074.530	12.500	13.6	109.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1500.938		1.00	2.35	1500.938	12.500	14.5	116.4	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	11373.168		1.00	2.07	11373.168	12.500	13.3	106.2	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	11373.168		1.00	2.07	11373.168	12.500	13.3	106.2	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1500.938		1.00	2.35	1500.938	12.500	14.5	116.4	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1462.182		1.00	2.78	1462.182	12.500	11.3	90.2	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	12809.325	14326.018	1.00	2.87	11.177	10.000	10.1	101.4	NO	18.137	NO
15	8	PFPeS	349.>80	2390.100	1500.938	1.00	3.07	19.905	10.000	8.94	89.4	NO	2.007	NO
16	9	HFPO-DA	285.1 > 168.9	2011.761	2645.501	1.00	3.09	9.506	10.000	9.56	95.6	NO	2.372	NO
17	10	5:3 FTCA	340.9 > 236.9	1348.728	13414.938	1.00	3.42	1.257	10.000	8.31	83.1	NO	1.574	NO
18	11	PFHpA	363.0 > 319	13741.178	13414.938	1.00	3.48	12.804	10.000	9.85	98.5	NO	47.800	NO
19	12	ADONA	376.8 > 250.9	23761.385	13414.938	1.00	3.59	22.141	10.000	9.47	94.7	NO	3.812	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	14326.018		1.00	2.87	14326.018	12.500	12.8	102.1	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1500.938		1.00	2.35	1500.938	12.500	14.5	116.4	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2645.501		1.00	3.08	2645.501	12.500	12.6	100.9	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	13414.938		1.00	3.48	13414.938	12.500	13.0	104.1	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	13414.938		1.00	3.48	13414.938	12.500	13.0	104.1	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	13414.938		1.00	3.48	13414.938	12.500	13.0	104.1	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2707.161	3067.848	1.00	3.62	11.030	10.000	9.84	98.4	NO	4.122	NO
28	15	6:2 FTS	427.0 > 407	1736.423	1860.734	1.00	3.93	11.665	10.000	9.29	92.9	NO	0.756	NO
29	16	L-PFOA	413 > 369	14563.790	15586.641	1.00	3.99	11.680	10.000	10.4	104.0	NO	3.161	NO
30	18	PFecHS	461 > 381.0	2382.630	15586.641	1.00	4.01	1.911	10.000	8.51	85.1	NO	0.488	NO
31	19	PFHpS	449.0 > 80	2559.378	3086.990	1.00	4.10	10.364	10.000	10.6	106.3	NO	1.895	NO
32	20	7:3 FTCA	440.9 > 336.9	2609.528	17225.672	1.00	4.42	1.894	10.000	10.0	100.1	NO	1.292	NO
33	61	13C3-PFHxS-EIS	402 > 80	3067.848		1.00	3.62	3067.848	12.500	12.4	99.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1860.734		1.00	3.93	1860.734	12.500	13.1	104.6	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	15586.641		1.00	3.99	15586.641	12.500	12.6	100.4	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	15586.641		1.00	3.99	15586.641	12.500	12.6	100.4	NO		

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Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	3086.990		1.00	4.53	3086.990	12.500	13.0	103.7	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	17225.672		1.00	4.44	17225.672	12.500	12.4	99.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	15649.074	17225.672	1.00	4.44	11.356	10.000	9.91	99.1	NO	13.533	NO
41	22	PFOSA	498 > 78	3046.333	5576.100	1.00	4.49	6.829	10.000	9.98	99.8	NO	23.510	NO
42	23	L-PFOS	499 > 80	2863.813	3086.990	1.00	4.53	11.596	10.000	9.78	97.8	NO	2.440	NO
43	25	9Cl-PF30NS	531 > 351	6545.127	3086.990	1.00	4.75	26.503	10.000	9.78	97.8	NO	31.891	NO
44	26	PFDA	513 > 469	14437.354	20893.455	1.00	4.82	8.637	10.000	9.61	96.1	NO	5.276	NO
45	27	8:2 FTS	526.8 > 506.9	1800.547	1723.832	1.00	4.79	13.056	10.000	10.9	108.9	NO	0.829	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	17225.672		1.00	4.44	17225.672	12.500	12.4	99.3	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5576.100		1.00	4.48	5576.100	12.500	12.1	96.6	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	3086.990		1.00	4.53	3086.990	12.500	13.0	103.7	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	3086.990		1.00	4.53	3086.990	12.500	13.0	103.7	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	20893.455		1.00	4.82	20893.455	12.500	12.9	103.5	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1723.832		1.00	4.79	1723.832	12.500	12.6	100.6	NO		
52	-1													
53	28	PFNS	549 > 80	3146.867	3086.990	1.00	4.89	12.742	10.000	10.4	104.0	NO	2.527	NO
54	29	L-MeFOSAA	570 > 419	4253.834	4637.111	1.00	4.98	11.467	10.000	9.15	91.5	NO	1.860	NO
55	31	L-EtFOSAA	583.9 > 419	5111.804	4190.368	1.00	5.14	15.249	10.000	10.9	108.9	NO	1.483	NO
56	33	PFUdA	563.0 > 519	16131.187	18798.455	1.00	5.15	10.726	10.000	9.99	99.9	NO	16.255	NO
57	34	PFDS	598.8 >79.9	2756.221	3086.990	1.00	5.21	11.161	10.000	9.91	99.1	NO	2.306	NO
58	35	11Cl-PF30UdS	631 > 451	4771.564	22602.549	1.00	5.37	2.639	10.000	8.94	89.4	NO	15.367	NO
59	71	13C8-PFOS-EIS	507.1 > 80	3086.990		1.00	4.53	3086.990	12.500	13.0	103.7	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4637.111		1.00	4.97	4637.111	12.500	12.9	102.9	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4190.368		1.00	5.14	4190.368	12.500	10.8	86.7	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	18798.455		1.00	5.15	18798.455	12.500	12.3	98.7	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	3086.990		1.00	4.53	3086.990	12.500	13.0	103.7	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	22602.549		1.00	5.44	22602.549	12.500	12.4	99.5	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1901.395	1131.941	1.00	5.43	20.997	10.000	11.2	111.7	NO	0.945	NO
67	37	PFDoA	612.9 > 569.0	17720.367	22602.549	1.00	5.45	9.800	10.000	10.3	103.2	NO	11.968	NO
68	38	N-MeFOSA	512.1 > 168.9	7072.817	20210.537	1.00	5.52	52.214	50.000	48.3	96.6	NO	1.806	NO
69	39	PFTrDA	662.9 > 618.9	16903.732	22602.549	1.00	5.70	9.348	10.000	9.26	92.6	NO	107.686	NO
70	40	PFDoS	699 > 80	3248.385	21184.191	1.00	5.72	1.917	10.000	9.98	99.8	NO	2.029	NO
71	41	PFTeDA	713.0 > 669.0	10833.764	21184.191	1.00	5.91	6.393	10.000	9.18	91.8	NO	14.008	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1131.941		1.00	5.43	1131.941	12.500	11.3	90.1	NO		

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Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	22602.549		1.00	5.44	22602.549	12.500	12.4	99.5	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	20210.537		1.00	5.55	20210.537	149.200	150	100.3	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	22602.549		1.00	5.44	22602.549	12.500	12.4	99.5	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	21184.191		1.00	5.91	21184.191	12.500	12.2	97.7	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	21184.191		1.00	5.91	21184.191	12.500	12.2	97.7	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	10146.419	25280.389	1.00	5.99	59.882	50.000	50.4	100.8	NO	1.819	NO
80	43	PFHxDA	813 > 769	19992.488	24092.088	1.00	6.27	10.373	10.000	9.68	96.8	NO	33.284	NO
81	44	PFODA	913.1 > 868.8	18104.865	24092.088	1.00	6.52	9.394	10.000	10.0	100.3	NO		
82	45	N-MeFOSE	616.1 > 58.9	9194.193	23738.865	1.00	6.24	57.786	50.000	51.5	103.0	NO		
83	46	N-EtFOSE	630.1 > 58.9	8902.518	25378.451	1.00	6.39	52.338	50.000	47.8	95.5	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	5074.530	5823.914	1.00	1.14	10.892	12.500	12.7	101.9	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	25280.389		1.00	6.01	25280.389	149.200	146	98.0	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	24092.088		1.00	6.27	24092.088	12.500	11.8	94.6	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	24092.088		1.00	6.27	24092.088	12.500	11.8	94.6	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	23738.865		1.00	6.23	23738.865	149.200	154	103.5	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	25378.451		1.00	6.38	25378.451	149.200	149	99.7	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	11173.521	17066.094	1.00	2.07	8.184	12.500	12.2	97.6	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1501.989	1304.196	1.00	2.35	14.396	12.500	12.6	100.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2645.501	17066.094	1.00	3.08	1.938	12.500	12.3	98.6	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1462.182	1304.196	1.00	2.78	14.014	12.500	11.5	91.8	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	14326.018	17066.094	1.00	2.87	10.493	12.500	12.0	96.0	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	13414.938	17066.094	1.00	3.48	9.826	12.500	12.6	101.2	NO		
97	62	13C3-PFHxS-RSD	402 > 80	3067.848	1304.196	1.00	3.62	29.404	12.500	12.1	96.9	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1860.734	3638.371	1.00	3.93	6.393	12.500	11.9	95.1	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	17225.672	18155.479	1.00	4.44	11.860	12.500	12.6	100.6	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5576.100	15306.940	1.00	4.48	4.554	12.500	11.4	91.2	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	15586.641	14419.714	1.00	3.99	13.512	12.500	12.5	100.1	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	3086.990	3638.371	1.00	4.53	10.606	12.500	12.0	96.2	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	20893.455	16994.623	1.00	4.82	15.368	12.500	12.7	102.0	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1723.832	3638.371	1.00	4.79	5.922	12.500	11.1	89.0	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4637.111	15306.940	1.00	4.97	3.787	12.500	12.2	97.9	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	18798.455	15306.940	1.00	5.15	15.351	12.500	11.8	94.6	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	4190.368	15306.940	1.00	5.14	3.422	12.500	10.5	84.1	NO		

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Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	w/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	22602.549	16994.623	1.00	5.44	16.625	12.500	12.9	102.9	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1131.941	3638.371	1.00	5.43	3.889	12.500	10.1	80.5	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	20210.537	15306.940	1.00	5.55	16.504	149.200	135	90.6	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	21184.191	15306.940	1.00	5.91	17.299	12.500	11.6	92.6	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	25280.389	15306.940	1.00	6.01	20.645	149.200	140	93.9	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	24092.088	15306.940	1.00	6.27	19.674	12.500	11.4	91.4	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	24017.070	15306.940	1.00	6.23	19.613	149.200	151	101.2	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	25378.451	15306.940	1.00	6.38	20.725	149.200	142	95.3	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5823.914	5823.914	1.00	1.15	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	17066.094	17066.094	1.00	2.86	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	14419.714	14419.714	1.00	3.98	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1304.196	1304.196	1.00	3.63	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	18155.479	18155.479	1.00	4.44	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3638.371	3638.371	1.00	4.53	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	16994.623	16994.623	1.00	4.82	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	15306.940	15306.940	1.00	5.16	12.500	12.500	12.5	100.0	NO		

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Vista Analytical Laboratory

Dataset: Untitled

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Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200623P1-1	IPA	23-Jun-20	10:00:05
2	2	200623P1-2	TEST	23-Jun-20	10:10:36
3	3	200623P1-3	IPA	23-Jun-20	10:21:07
4	4	200623P1-4	IPA	23-Jun-20	10:31:37
5	5	200623P1-5	ST200623P1-1 PFC CS-2 20F1901	23-Jun-20	10:52:50
6	6	200623P1-6	ST200623P1-2 PFC CS-1 20F1902	23-Jun-20	11:03:24
7	7	200623P1-7	ST200623P1-3 PFC CS0 20F1903	23-Jun-20	11:13:55
8	8	200623P1-8	ST200623P1-4 PFC CS1 20F1904	23-Jun-20	11:24:25
9	9	200623P1-9	ST200623P1-5 PFC CS2 20F1905	23-Jun-20	11:34:54
10	10	200623P1-10	ST200623P1-6 PFC CS3 20F1906	23-Jun-20	11:45:26
11	11	200623P1-11	ST200623P1-7 PFC CS4 20F1907	23-Jun-20	11:55:56
12	12	200623P1-12	ST200623P1-8 PFC CS5 20F1908	23-Jun-20	12:06:25
13	13	200623P1-13	ST200623P1-9 PFC CS6 20F1909	23-Jun-20	12:16:57
14	14	200623P1-14	ST200623P1-10 PFC CS7 20F1910	23-Jun-20	12:27:27
15	15	200623P1-15	IB	23-Jun-20	12:37:56
16	16	200623P1-16	ICV200623P1-1 PFC ICV 20F1911	23-Jun-20	12:48:27
17	17	200623P1-17	IB	23-Jun-20	12:58:58
18	18	200623P1-18	B0F0188-BLK1 Method Blank 1	23-Jun-20	13:09:28
19	19	200623P1-19	B0F0188-BS1 OPR 1	23-Jun-20	13:20:36
20	20	200623P1-20	B0F0188-MS1 Matrix Spike 2.8	23-Jun-20	13:31:07
21	21	200623P1-21	B0F0188-MSD1 Matrix Spike Dup 2.81	23-Jun-20	13:41:39
22	22	200623P1-22	2001298-01 ST-1-06152020 2.8	23-Jun-20	13:52:10
23	23	200623P1-23	B0F0111-BLK1 Method Blank 0.25	23-Jun-20	14:02:39
24	24	200623P1-24	B0F0111-BS1 OPR 0.25	23-Jun-20	14:13:10
25	25	200623P1-25	B0F0111-BSD1 LCSD 0.25	23-Jun-20	14:23:41
26	26	200623P1-26	2001254-01 A4-MW6D-R1 0.24902	23-Jun-20	14:34:10
27	27	200623P1-27	2001254-02 A4-MW6S-R1 0.25492	23-Jun-20	14:44:41
28	28	200623P1-28	2001254-03 A4-MW2D-R1 0.25027	23-Jun-20	14:55:12
29	29	200623P1-29	2001254-04 A4-MW2D-EB1-R1 0.24997	23-Jun-20	15:05:40
30	30	200623P1-30	2001254-05 A4-MW2D-EB2-R1 0.24769	23-Jun-20	15:16:13
31	31	200623P1-31	2001254-06 A4-MW2S-R1 0.25184	23-Jun-20	15:26:42
32	32	200623P1-32	2001254-07 A4-MW3D-R1 0.2478	23-Jun-20	15:37:13

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
Printed: Monday, June 29, 2020 17:49:46 Pacific Daylight Time

Compound name: PFBA

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34	34	200623P1-34	2001254-09 A4-MW5S-DUP-R1 0.24857	23-Jun-20	15:58:14
35	35	200623P1-35	2001254-10 A4-MW5D-R1 0.2528	23-Jun-20	16:52:38
36	36	200623P1-36	2001254-11 A4-MW5S-R1 0.24938	23-Jun-20	17:03:16
37	37	200623P1-37	IB	23-Jun-20	17:13:47
38	38	200623P1-38	ST200623P1-11 PFC CS3 20F1906	23-Jun-20	17:24:16
39	39	200623P1-39	IB	23-Jun-20	17:34:47
40	40	200623P1-40	B0F0110-BLK1 Method Blank 0.25	23-Jun-20	17:45:18
41	41	200623P1-41	B0F0110-BS1 OPR 0.25	23-Jun-20	17:55:46
42	42	200623P1-42	B0F0110-BSD1 LCSD 0.25	23-Jun-20	18:06:19
43	43	200623P1-43	2001255-01 T12-Purgewater-PFAS 0.24164	23-Jun-20	18:16:48
44	44	200623P1-44	2001255-02 T15-Purgewater-PFAS 0.2515	23-Jun-20	18:27:19
45	45	200623P1-45	2001255-03 T11-Purgewater-PFAS 0.25227	23-Jun-20	18:37:49
46	46	200623P1-46	2001255-04 T7-Purgewater-PFAS 0.24219	23-Jun-20	18:48:19
47	47	200623P1-47	2001255-05 T5-Purgewater-PFAS 0.24115	23-Jun-20	18:58:50
48	48	200623P1-48	2001255-06 T4-Purgewater-PFAS 0.2491	23-Jun-20	19:09:21
49	49	200623P1-49	2001255-07 T1-Purgewater-PFAS 0.24583	23-Jun-20	19:19:49
50	50	200623P1-50	B0F0145-BLK1 Method Blank 0.125	23-Jun-20	19:30:21
51	51	200623P1-51	B0F0145-BS1 OPR 0.125	23-Jun-20	19:40:50
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54	54	200623P1-54	2001271-03 GW-FPC-9B 0.11267	23-Jun-20	20:12:22
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58	58	200623P1-58	2001271-04 GW-FPC-3C 0.11161	23-Jun-20	20:54:22
59	59	200623P1-59	2001271-05 GW-FPC-3A 0.10799	23-Jun-20	21:04:54
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61	61	200623P1-61	2001271-07 GW-FPC-2B 0.10944	23-Jun-20	21:25:54
62	62	200623P1-62	2001271-08 GW-FPC-2A 0.10841	23-Jun-20	21:36:24
63	63	200623P1-63	2001271-09 EB-Water Level 0.11306	23-Jun-20	21:46:53
64	64	200623P1-64	2001271-10 GW-AE-3B 0.10992	23-Jun-20	21:57:25
65	65	200623P1-65	2001220-09@5X SB-5 1-3' 1.3	23-Jun-20	22:07:54
66	66	200623P1-66	2001220-11@5X SB-6 1-3' 1.52	23-Jun-20	22:18:25
67	67	200623P1-67	2001220-13@5X SB-7 1-3' 1.37	23-Jun-20	22:28:56
68	68	200623P1-68	2001220-14@5X SB-7 3-5' 1.34	23-Jun-20	22:39:25

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, June 29, 2020 17:48:11 Pacific Daylight Time
Printed: Monday, June 29, 2020 17:49:46 Pacific Daylight Time

Compound name: PFBA

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71	71	200623P1-71	IB	23-Jun-20	23:10:55
72	72	200623P1-72	2001220-15@20X SB-8 1-3' 1.31	23-Jun-20	23:21:27
73	73	200623P1-73	2001220-16@5X SB-8 3-5' 1.35	23-Jun-20	23:31:58
74	74	200623P1-74	2001220-10 SB-5 3-5' 1.33	23-Jun-20	23:42:27
75	75	200623P1-75	2001220-12 SB-6 3-5' 1.33	23-Jun-20	23:52:59
76	76	200623P1-76	2001220-17 SB-9 1-3' 1.11	24-Jun-20	00:03:28
77	77	200623P1-77	B0F0144-BS1 OPR 0.125	24-Jun-20	00:14:00
78	78	200623P1-78	2001258-12 Equip Blank 2 0.24998	24-Jun-20	00:24:28
79	79	200623P1-79	IB	24-Jun-20	00:35:00
80	80	200623P1-80	ST200623P1-14 PFC CS3 20F1906	24-Jun-20	00:45:29
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Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

Last Altered: Wednesday, June 24, 2020 12:20:32 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

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Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

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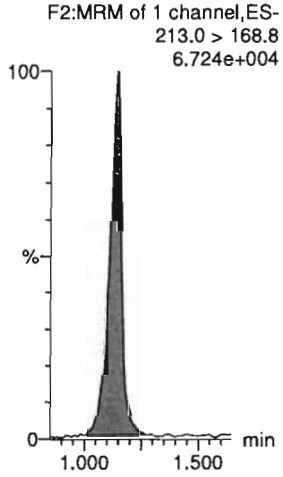

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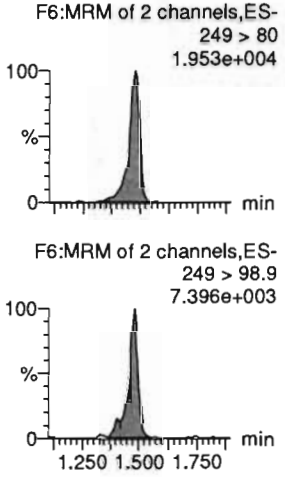
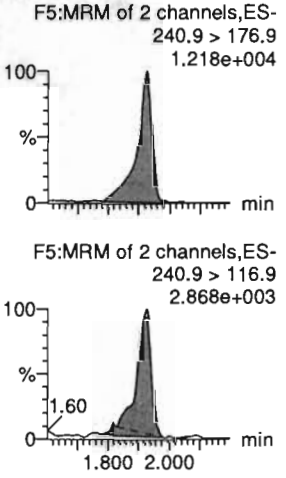


3:3 FTCA



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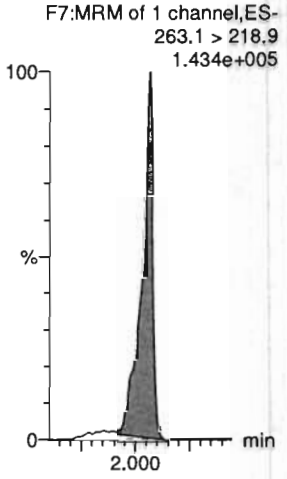

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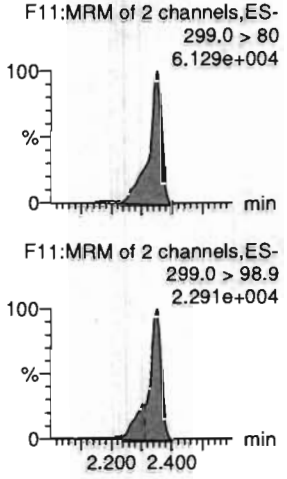
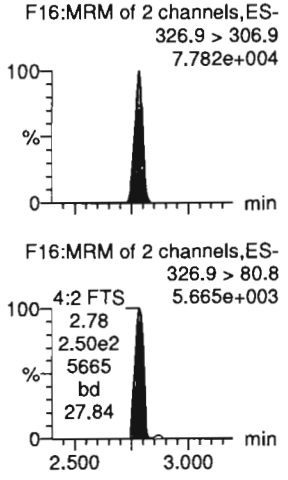


4:2 FTS



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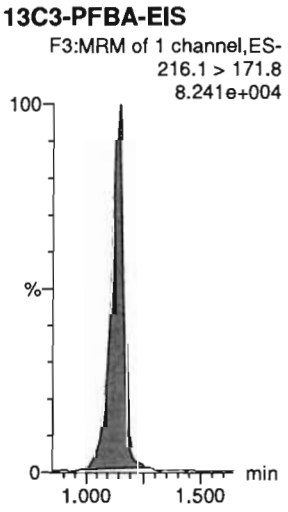

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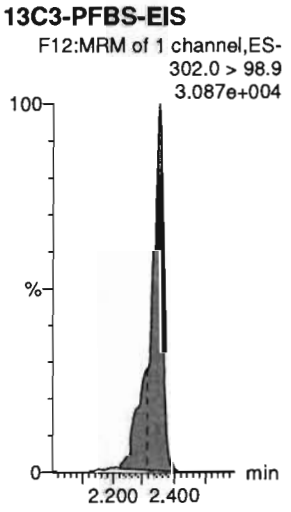

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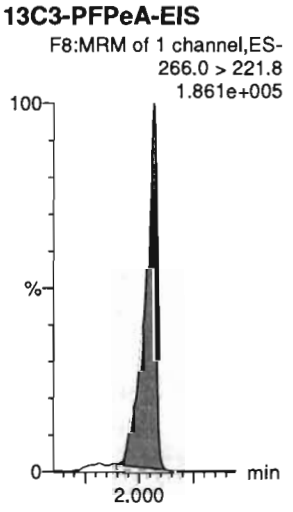

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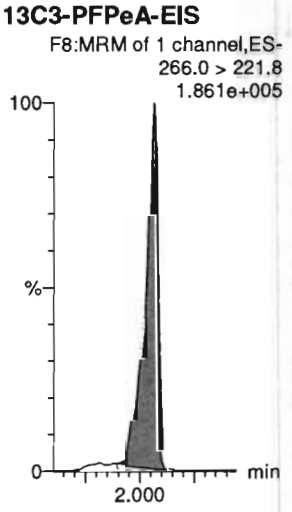

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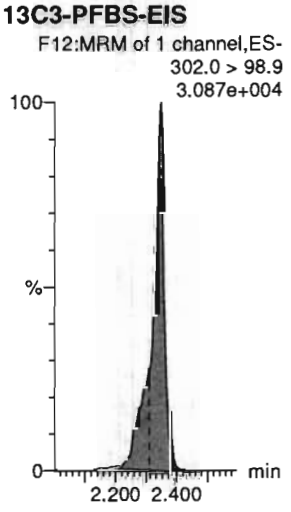

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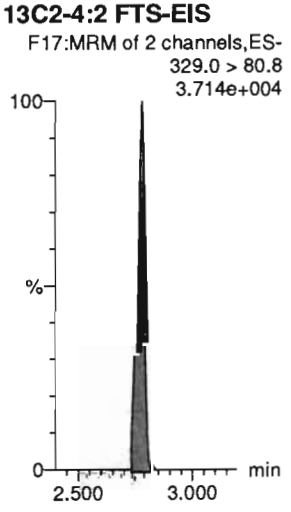

OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

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Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

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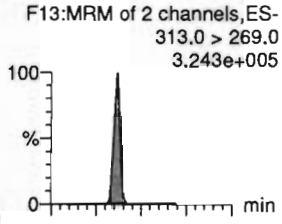
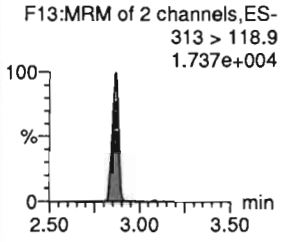
PFHxA





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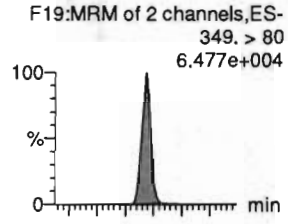

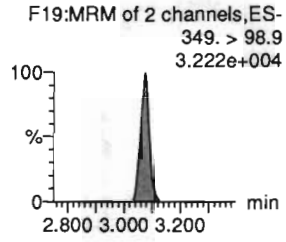

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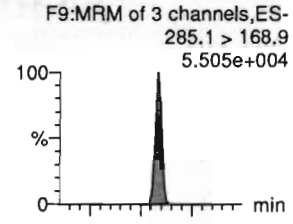

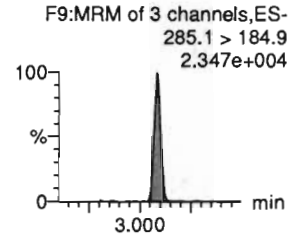

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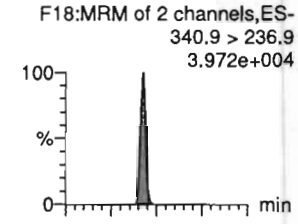

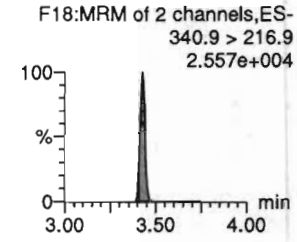

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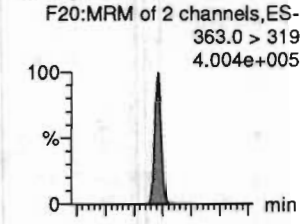

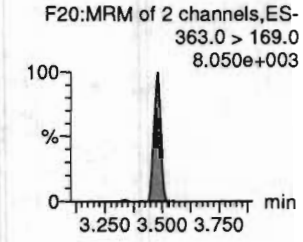

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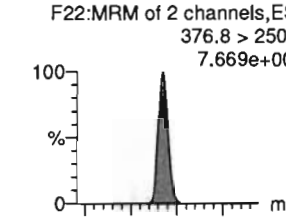

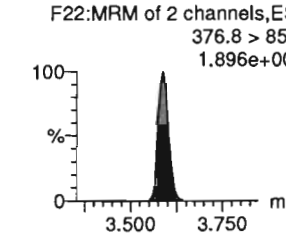

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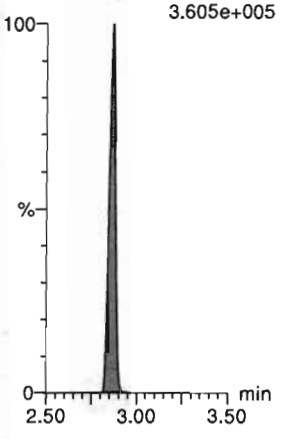

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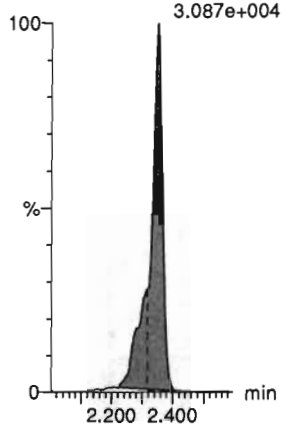

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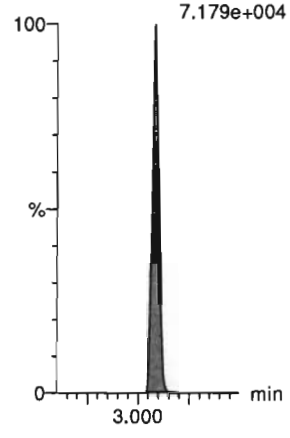

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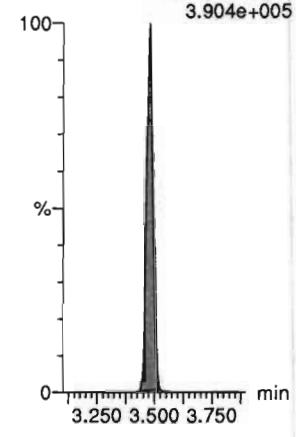

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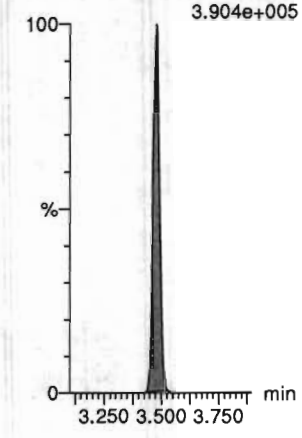

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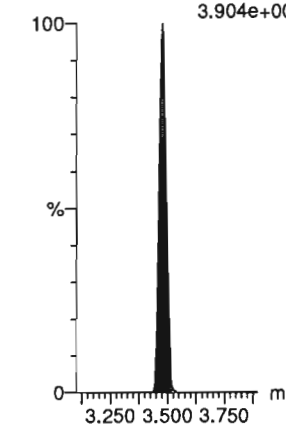

OPV 6/24/2020

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Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

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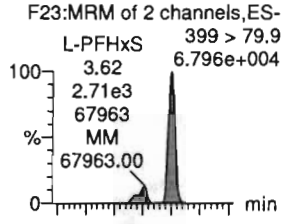
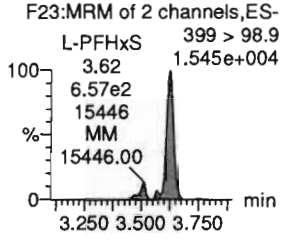
L-PFHxS





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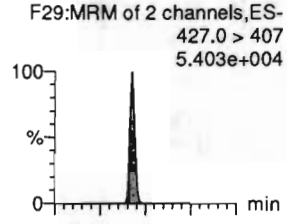

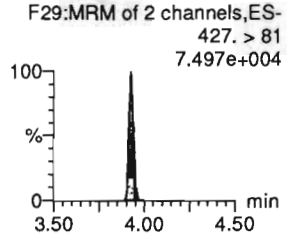

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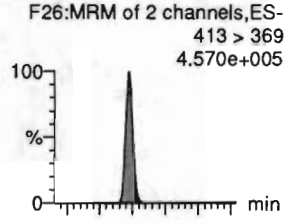

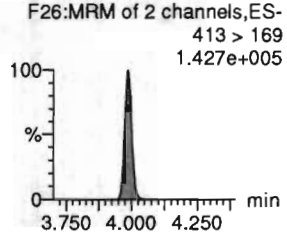

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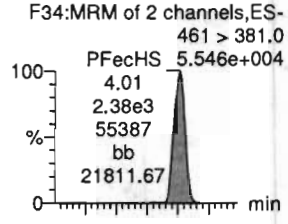

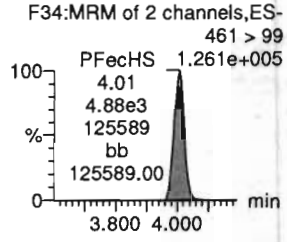

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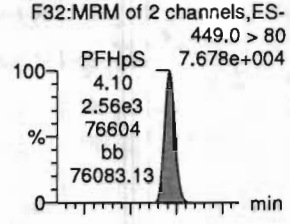
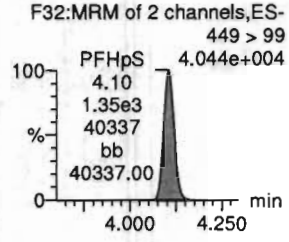
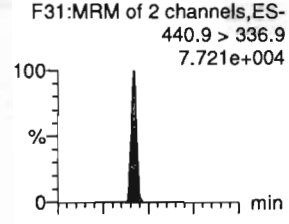
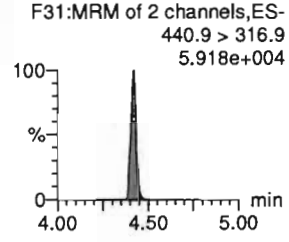


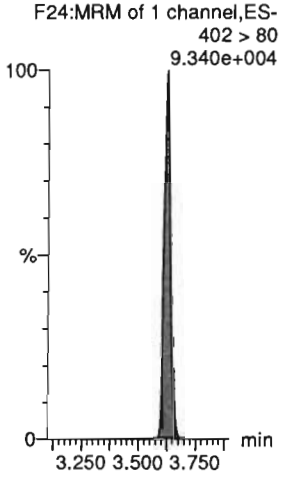


7:3 FTCA

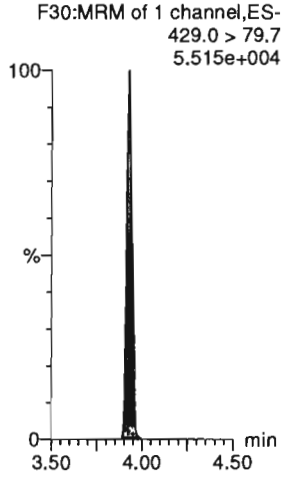




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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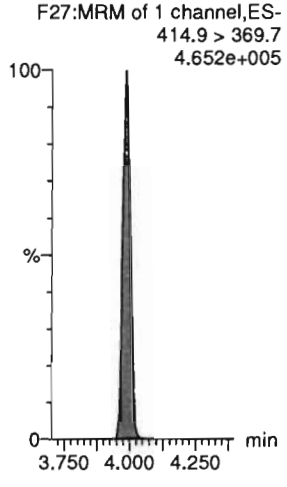

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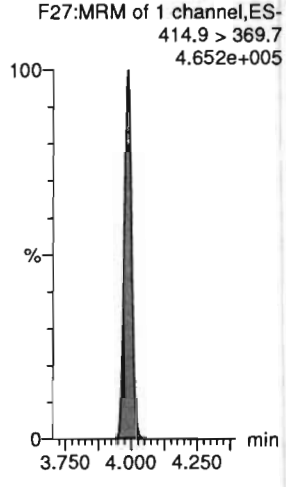
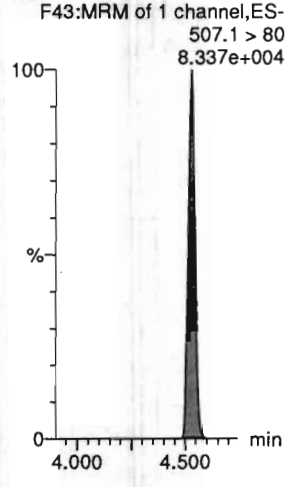
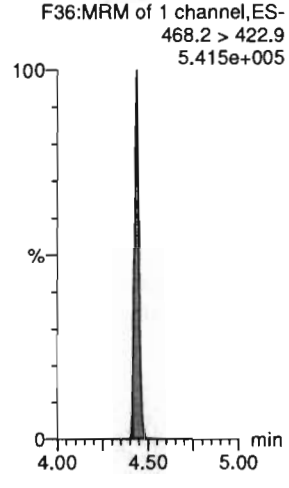


13C8-PFOS-EIS



13C5-PFNA-EIS



OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

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Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

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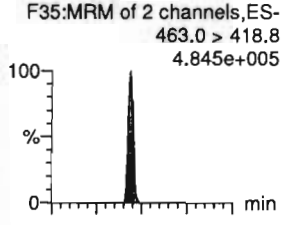
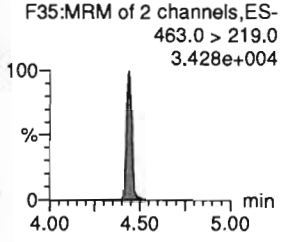
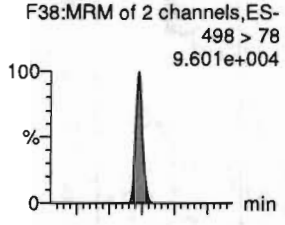
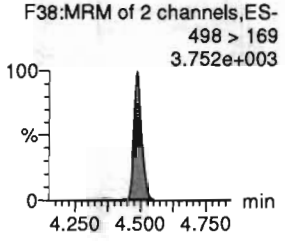


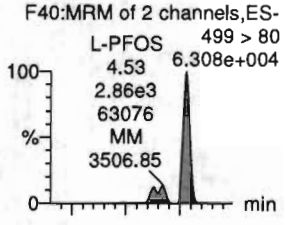


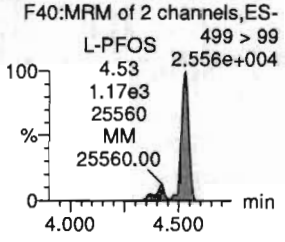
PFOSA



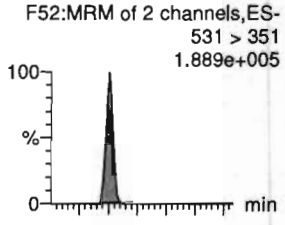


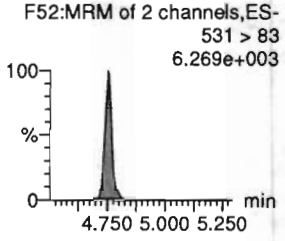
L-PFOS





9Cl-PF30NS





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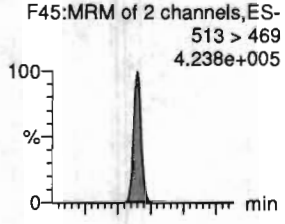
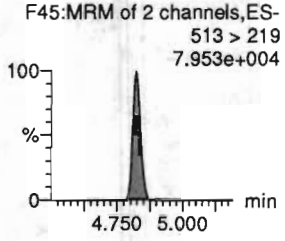
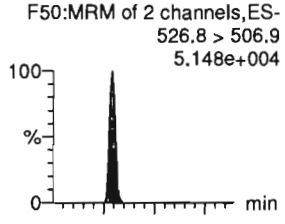
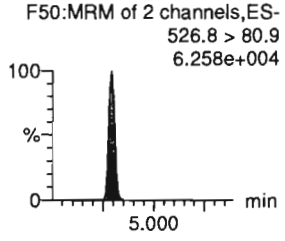


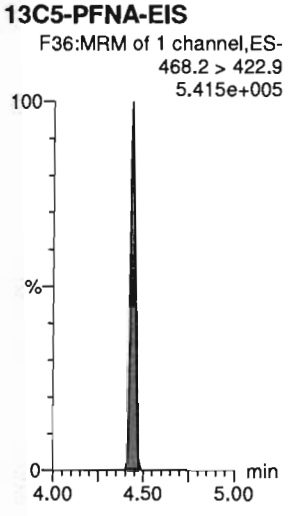


8:2 FTS

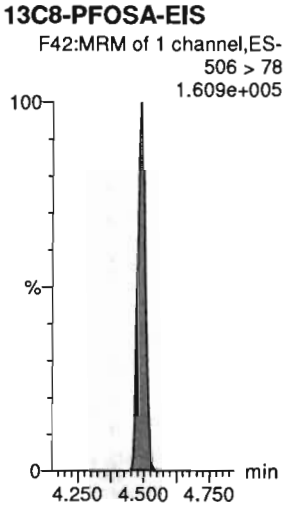




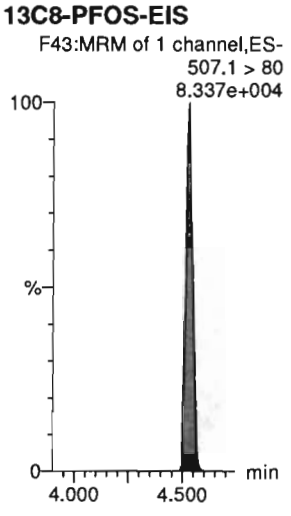
13C5-PFNA-EIS



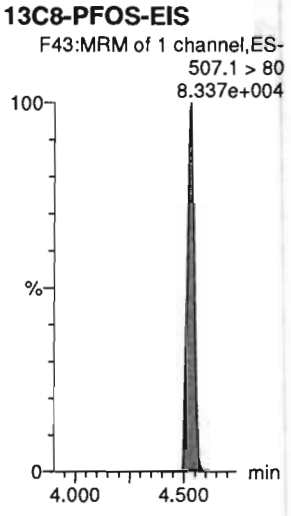
13C8-PFOSA-EIS



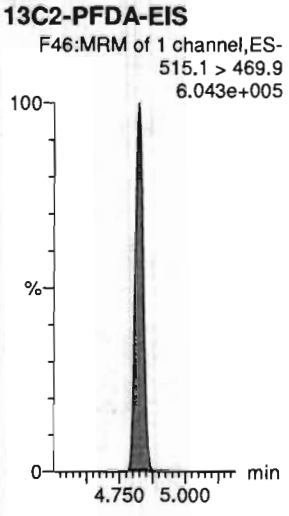
13C8-PFOS-EIS



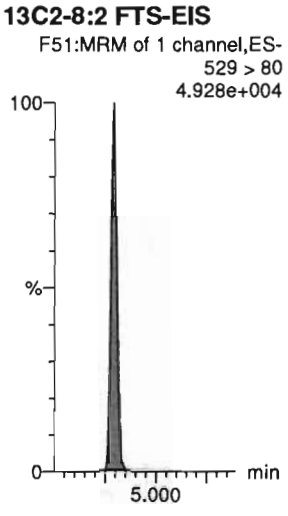
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



OPV 6/24/2020

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Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

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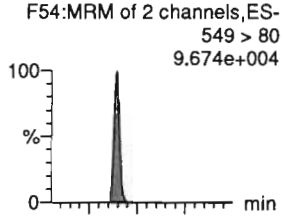

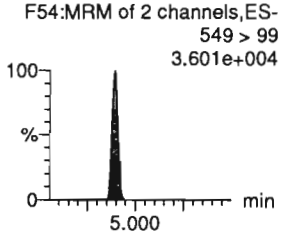

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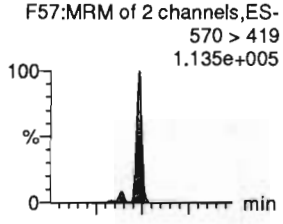
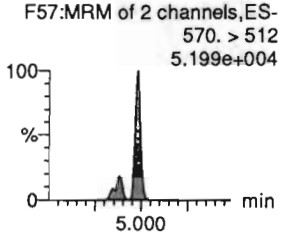
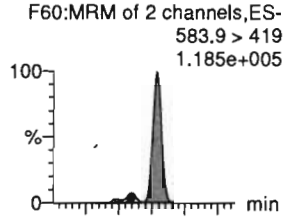
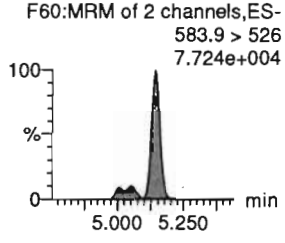


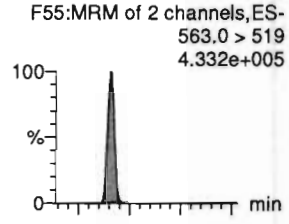


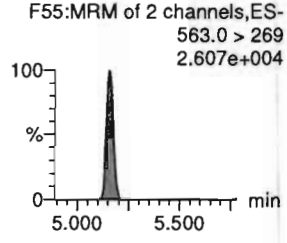
L-EtFOSAA





PFUdA





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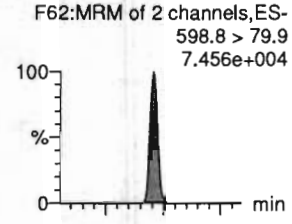
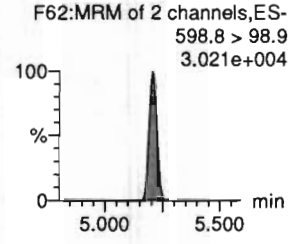
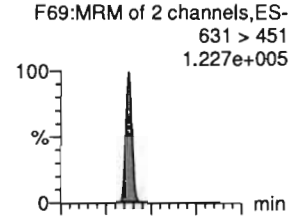
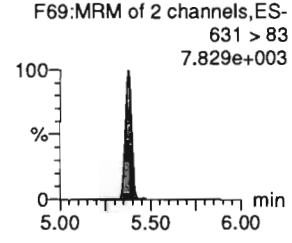


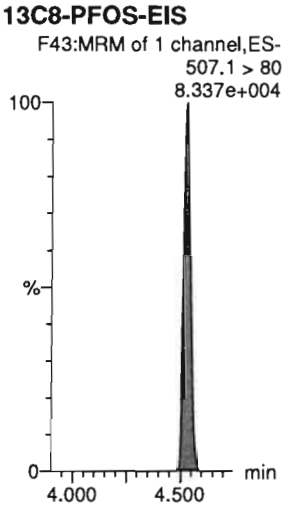


11Cl-PF30UdS

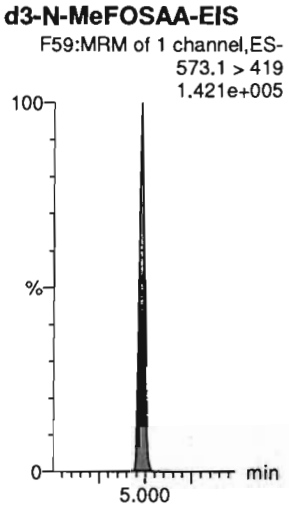




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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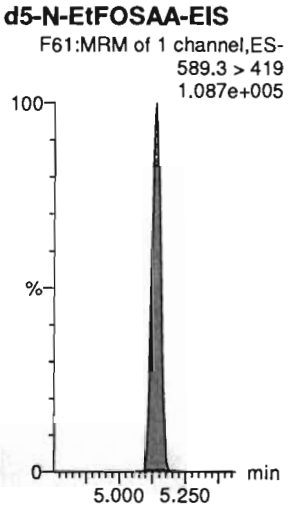

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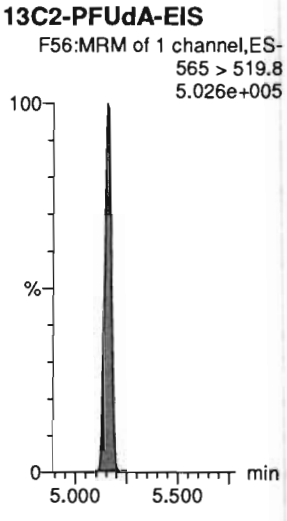

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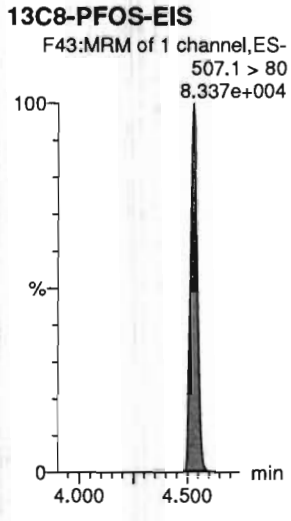

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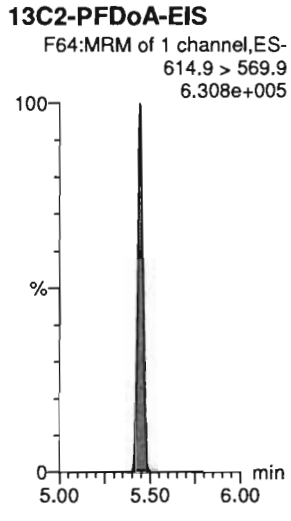

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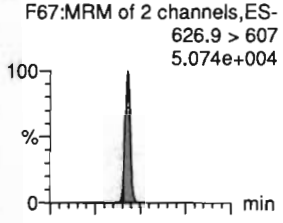
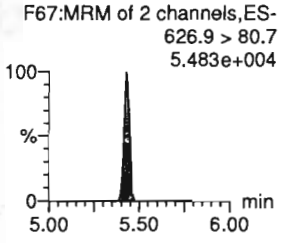
Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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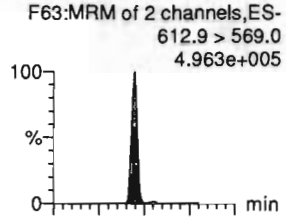
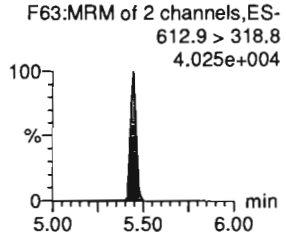
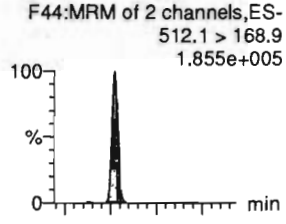
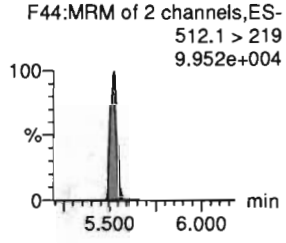


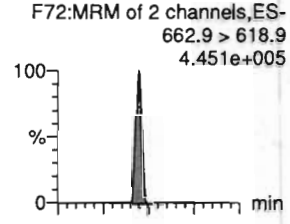


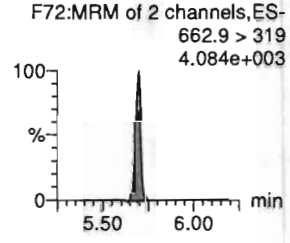
N-MeFOSA



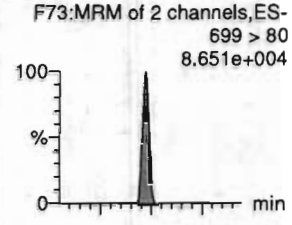


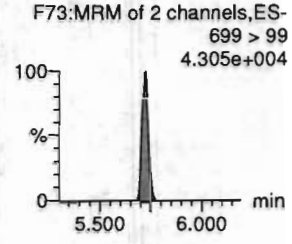
PFTrDA



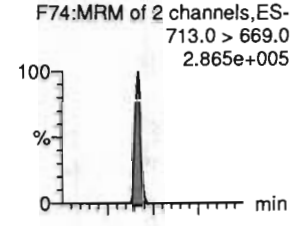


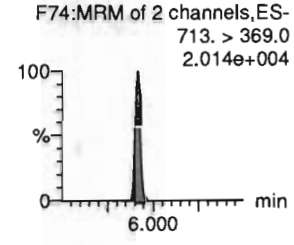
PFDoS



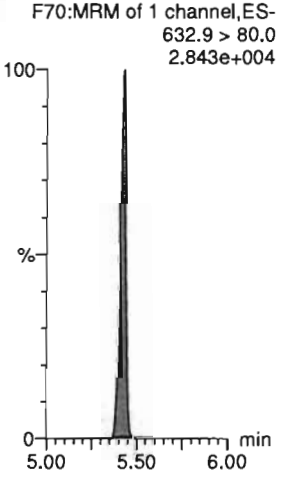


PFTeDA

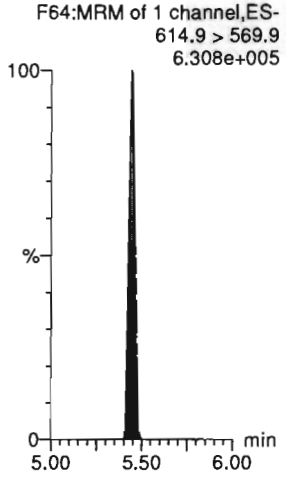




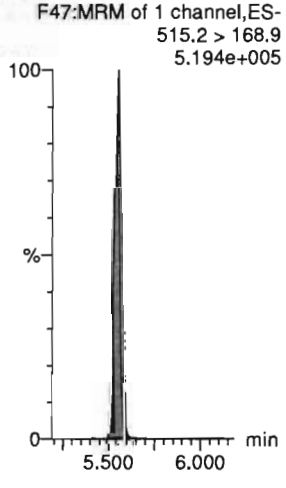
13C2-10:2 FTS-EIS



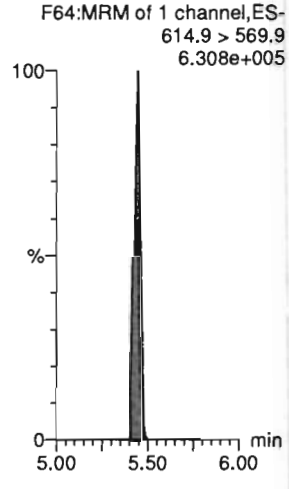
13C2-PFDoA-EIS



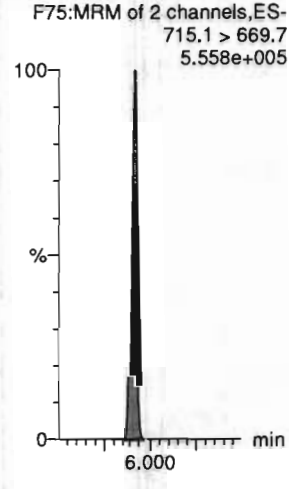
d3-N-MeFOSA-EIS



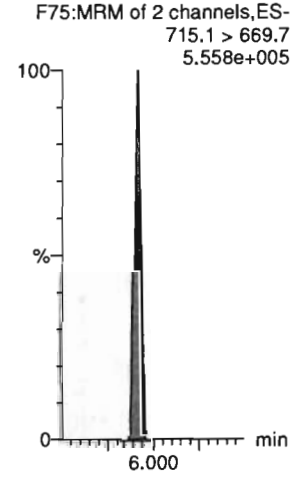
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



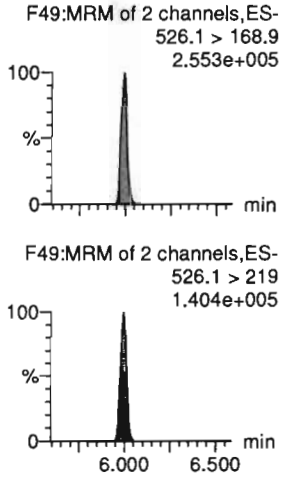
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

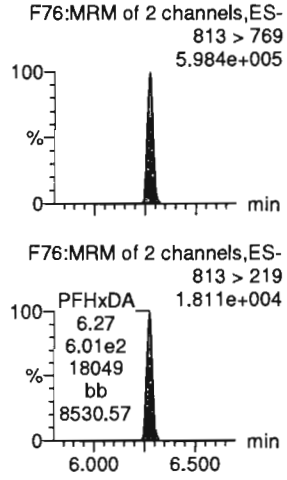
Last Altered: Wednesday, June 24, 2020 12:20:32 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

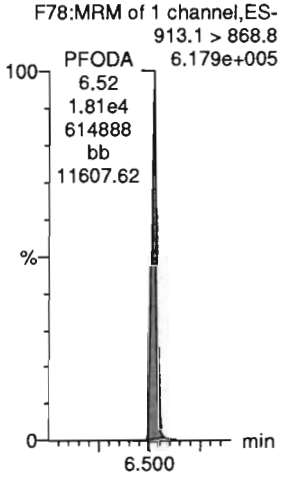
N-EtFOSA



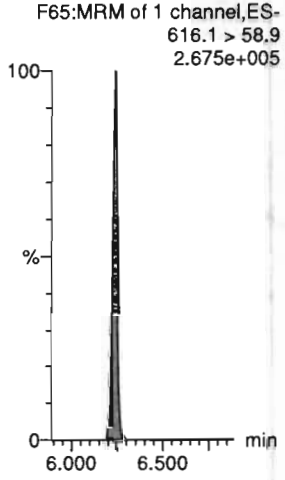
PFHxDA



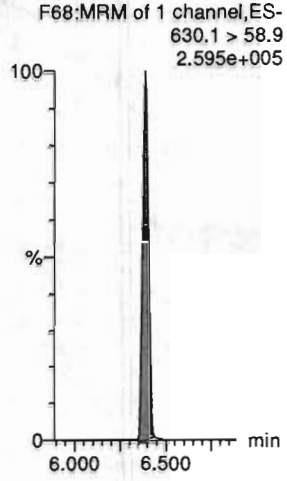
PFODA



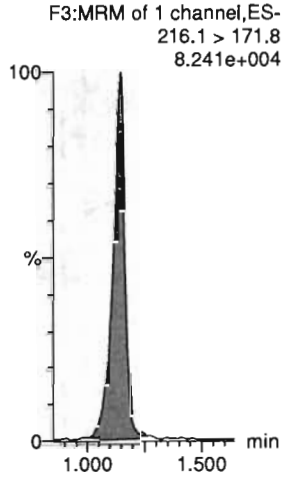
N-MeFOSE



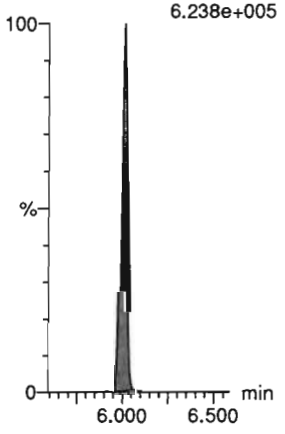
N-EtFOSE



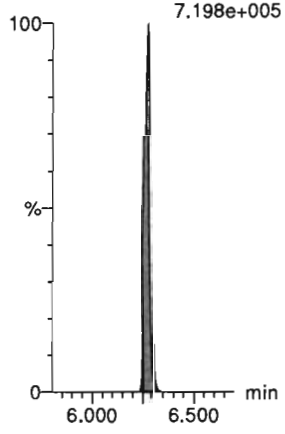
13C3-PFBA-RSD



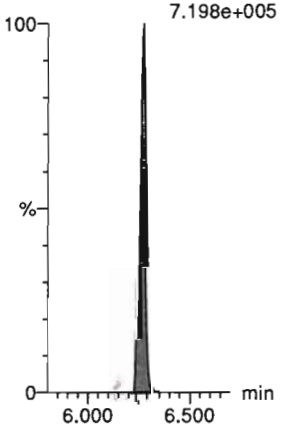
d5-N-ETFOSA-EIS



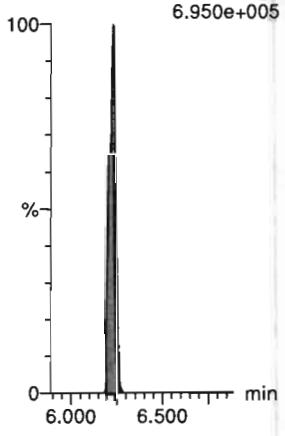
13C2-PFHxDA-EIS



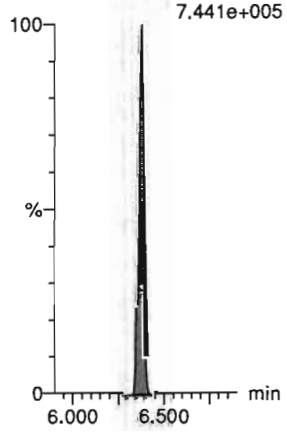
13C2-PFHxDA-EIS



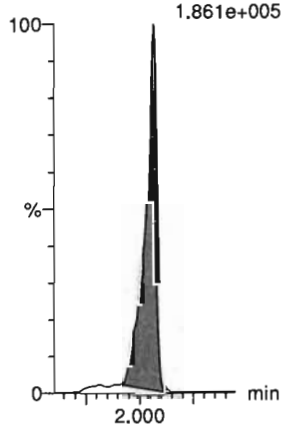
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



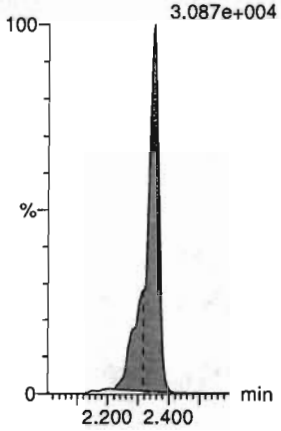
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

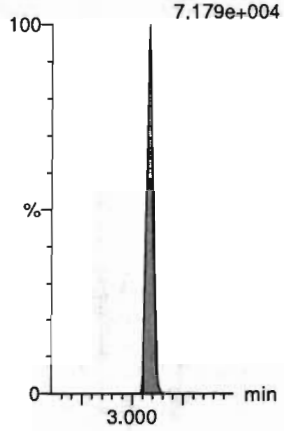
Last Altered: Wednesday, June 24, 2020 12:20:32 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

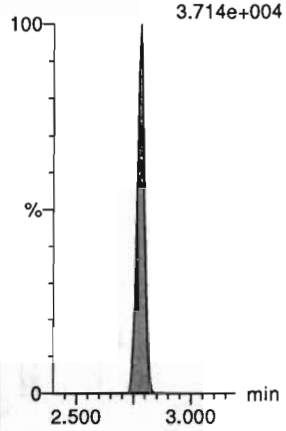
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
3.087e+004



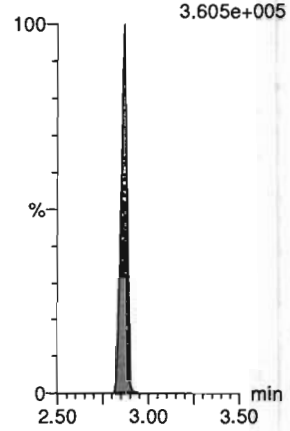
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.179e+004



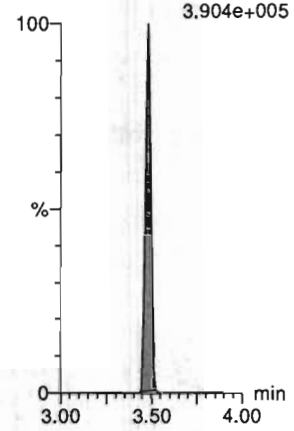
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.714e+004



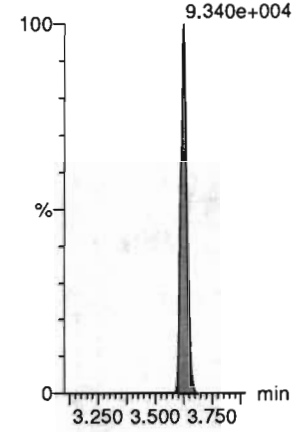
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.605e+005



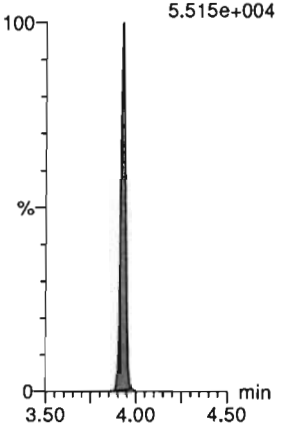
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.904e+005



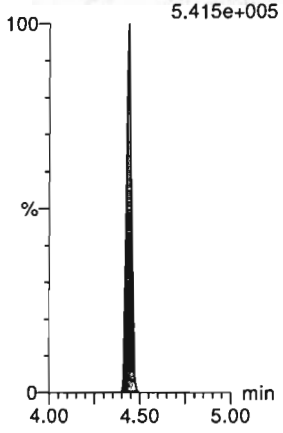
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
9.340e+004



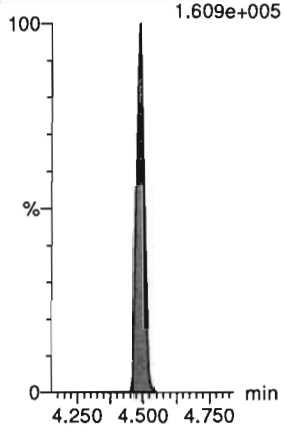
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.515e+004



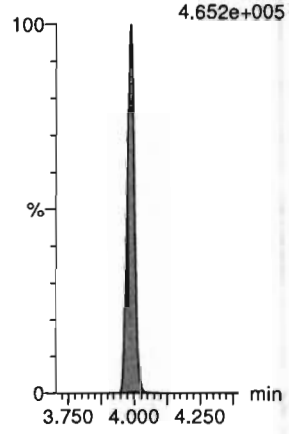
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.415e+005



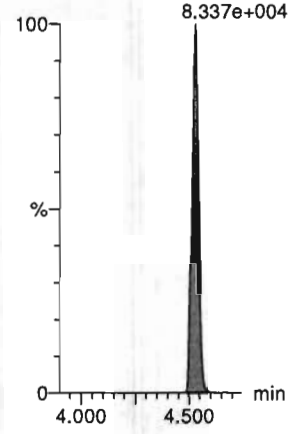
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.609e+005



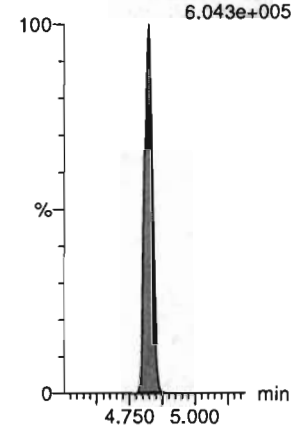
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.652e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.337e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
6.043e+005



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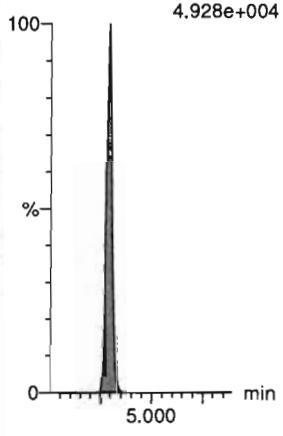
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

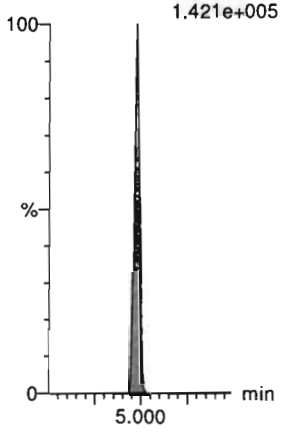
Last Altered: Wednesday, June 24, 2020 12:20:32 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

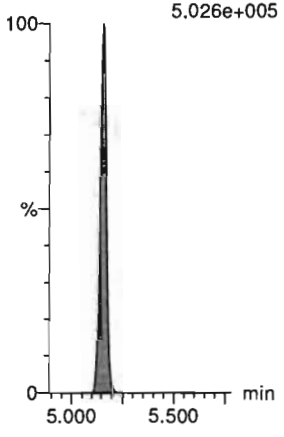
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.928e+004



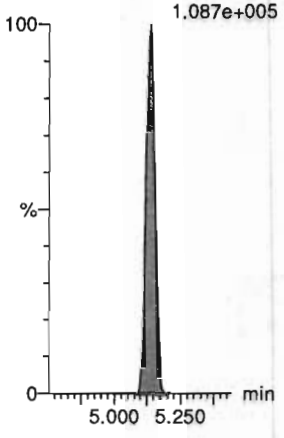
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.421e+005



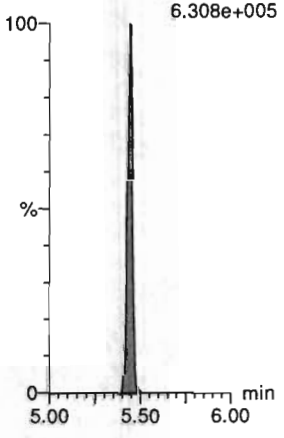
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.026e+005



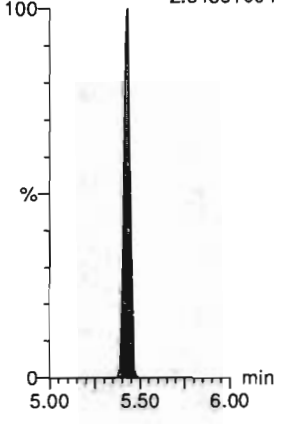
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.087e+005



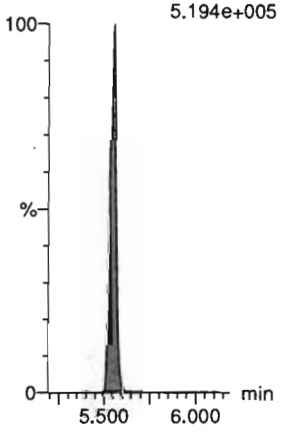
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.308e+005



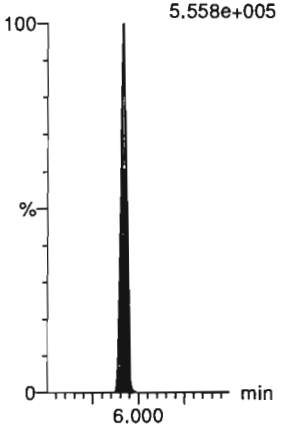
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.843e+004



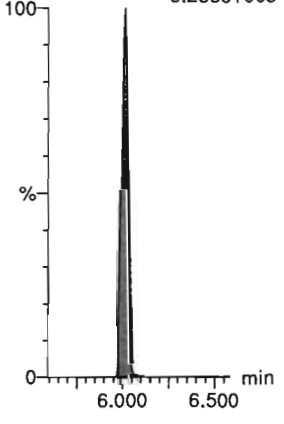
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.194e+005



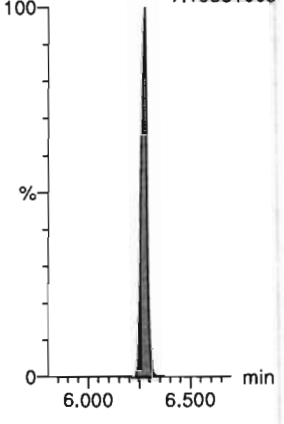
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.558e+005



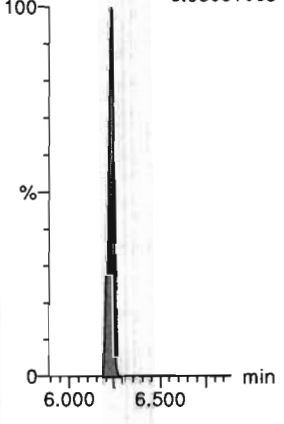
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.238e+005



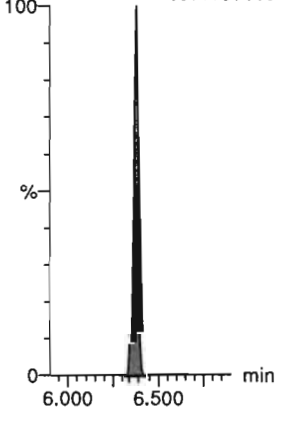
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.198e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.950e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.441e+005



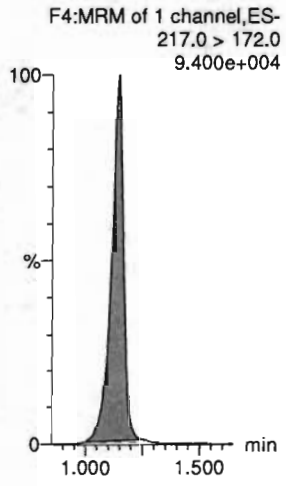
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-70.qld

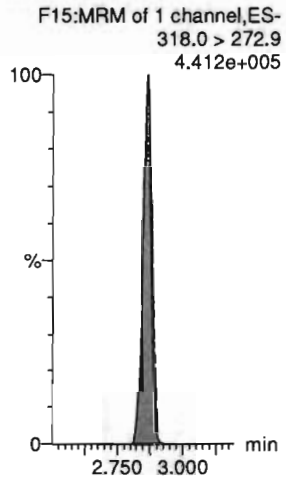
Last Altered: Wednesday, June 24, 2020 12:20:32 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 12:21:02 Pacific Daylight Time

Name: 200623P1-70, Date: 23-Jun-2020, Time: 23:00:27, ID: ST200623P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

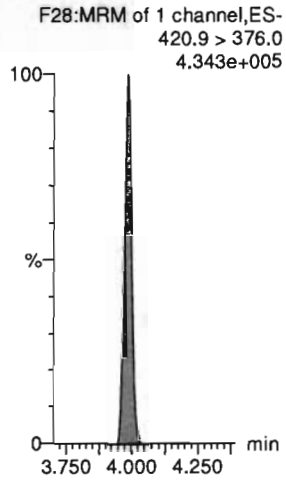
13C4-PFBA



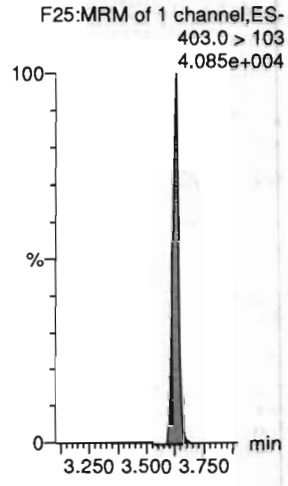
13C5-PFHxA



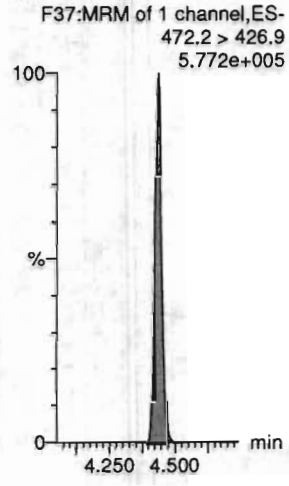
13C8-PFOA



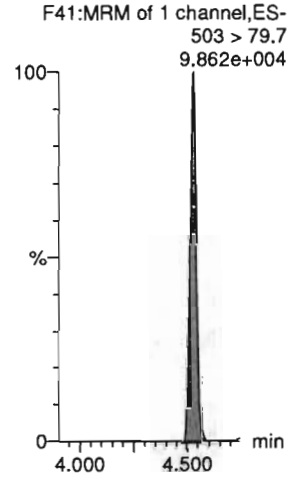
18O2-PFHxS



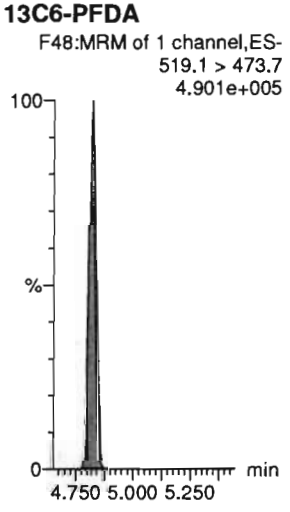
13C9-PFNA



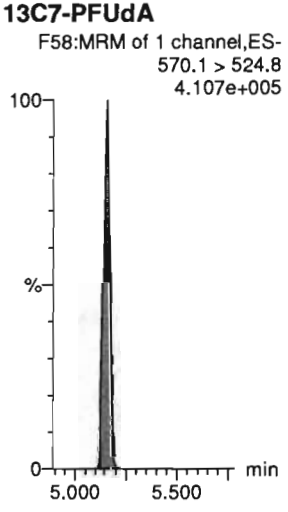
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-67.qld

Last Altered: Tuesday, June 30, 2020 09:42:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:43:17 Pacific Daylight Time

VJm 6/30/2020

Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4199.998	4813.052	1.00	1.13	10.908	10.000	9.78	97.8	NO		
2	2	PFPrS	249 > 80	781.871	1201.288	1.00	1.46	8.136	10.000	9.52	95.2	NO	2.554	NO
3	3	3:3 FTCA	240.9 > 176.9	639.095	10445.222	1.00	1.91	0.765	10.000	9.76	97.6	NO	3.477	NO
4	4	PFPeA	263.1 > 218.9	7985.095	10445.222	1.00	2.05	9.556	10.000	9.87	98.7	NO		
5	5	PFBS	299.0 > 80	2476.333	1201.288	1.00	2.34	25.767	10.000	9.59	95.9	NO	2.499	NO
6	6	4:2 FTS	326.9 > 306.9	2928.151	1330.606	1.00	2.78	27.508	10.000	9.78	97.8	NO	12.841	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	4813.052		1.00	1.13	4813.052	12.500	12.2	98.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1201.288		1.00	2.34	1201.288	12.500	12.2	98.0	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	10445.222		1.00	2.05	10445.222	12.500	13.1	104.9	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	10445.222		1.00	2.05	10445.222	12.500	13.1	104.9	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1201.288		1.00	2.34	1201.288	12.500	12.2	98.0	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1330.606		1.00	2.78	1330.606	12.500	14.0	112.0	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	12379.722	13369.389	1.00	2.86	11.575	10.000	10.5	104.9	NO	16.965	NO
15	8	PFPeS	349.>80	2281.987	1201.288	1.00	3.07	23.745	10.000	10.6	106.0	NO	2.162	NO
16	9	HFPO-DA	285.1 > 168.9	2507.275	3063.873	1.00	3.08	10.229	10.000	10.0	100.2	NO	2.428	NO
17	10	5:3 FTCA	340.9 > 236.9	1463.040	12375.149	1.00	3.44	1.478	10.000	9.04	90.4	NO	1.614	NO
18	11	PFHpA	363.0 > 319	12648.129	12375.149	1.00	3.48	12.776	10.000	9.46	94.6	NO	50.828	NO
19	12	ADONA	376.8 > 250.9	22375.979	12375.149	1.00	3.59	22.602	10.000	9.90	99.0	NO	4.269	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	13369.389		1.00	2.86	13369.389	12.500	12.6	100.6	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1201.288		1.00	2.34	1201.288	12.500	12.2	98.0	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	3063.873		1.00	3.08	3063.873	12.500	13.1	104.9	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	12375.149		1.00	3.48	12375.149	12.500	13.1	105.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	12375.149		1.00	3.48	12375.149	12.500	13.1	105.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	12375.149		1.00	3.48	12375.149	12.500	13.1	105.2	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2367.112	2898.559	1.00	3.62	10.208	10.000	9.11	91.1	NO	3.696	NO
28	15	6:2 FTS	427.0 > 407	1469.278	1417.540	1.00	3.93	12.956	10.000	10.5	105.1	NO	0.746	NO
29	16	L-PFOA	413 > 369	12281.173	13775.461	1.00	3.99	11.144	10.000	9.61	96.1	NO	2.956	NO
30	18	PFecHS	461 > 381.0	2622.678	13775.461	1.00	4.00	2.380	10.000	10.2	102.5	NO	0.557	NO
31	19	PFHpS	449.0 > 80	2322.652	2781.467	1.00	4.11	10.438	10.000	10.1	100.7	NO	1.872	NO
32	20	7:3 FTCA	440.9 > 336.9	2505.634	14983.732	1.00	4.42	2.090	10.000	8.89	88.9	NO	1.227	NO
33	61	13C3-PFHxS-EIS	402 > 80	2898.559		1.00	3.62	2898.559	12.500	14.2	113.4	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1417.540		1.00	3.93	1417.540	12.500	11.8	94.8	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13775.461		1.00	3.99	13775.461	12.500	13.6	108.9	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13775.461		1.00	3.99	13775.461	12.500	13.6	108.9	NO		

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Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2781.467		1.00	4.53	2781.467	12.500	12.2	98.0	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	14983.732		1.00	4.44	14983.732	12.500	14.0	112.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	13138.829	14983.732	1.00	4.44	10.961	10.000	9.64	96.4	NO	12.681	NO
41	22	PFOSA	498 > 78	2832.034	5239.553	1.00	4.49	6.756	10.000	9.57	95.7	NO	20.999	NO
42	23	L-PFOS	499 > 80	2766.360	2781.467	1.00	4.53	12.432	10.000	9.51	95.1	NO	2.452	NO
43	25	9Cl-PF30NS	531 > 351	6141.376	2781.467	1.00	4.76	27.600	10.000	10.1	100.7	NO	46.325	NO
44	26	PFDA	513 > 469	11910.023	17386.932	1.00	4.83	8.562	10.000	9.35	93.5	NO	5.229	NO
45	27	8:2 FTS	526.8 > 506.9	1358.979	1404.729	1.00	4.79	12.093	10.000	10.1	100.9	NO	0.784	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	14983.732		1.00	4.44	14983.732	12.500	14.0	112.3	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5239.553		1.00	4.49	5239.553	12.500	12.1	96.7	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2781.467		1.00	4.53	2781.467	12.500	12.2	98.0	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2781.467		1.00	4.53	2781.467	12.500	12.2	98.0	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	17386.932		1.00	4.83	17386.932	12.500	13.4	107.1	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1404.729		1.00	4.79	1404.729	12.500	11.9	95.6	NO		
52	-1													
53	28	PFNS	549 > 80	2873.679	2781.467	1.00	4.90	12.914	10.000	9.51	95.1	NO	2.606	NO
54	29	L-MeFOSAA	570 > 419	4249.271	4242.752	1.00	4.98	12.519	10.000	10.0	100.0	NO	1.693	NO
55	31	L-EtFOSAA	583.9 > 419	4621.225	4455.947	1.00	5.15	12.964	10.000	9.25	92.5	NO	1.347	NO
56	33	PFUdA	563.0 > 519	14939.320	16429.488	1.00	5.16	11.366	10.000	9.77	97.7	NO	21.521	NO
57	34	PFDS	598.8 >79.9	2647.811	2781.467	1.00	5.21	11.899	10.000	9.42	94.2	NO	2.057	NO
58	35	11Cl-PF30UdS	631 > 451	4417.706	18583.957	1.00	5.38	2.971	10.000	9.52	95.2	NO	14.479	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2781.467		1.00	4.53	2781.467	12.500	12.2	98.0	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4242.752		1.00	4.98	4242.752	12.500	13.6	108.7	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4455.947		1.00	5.15	4455.947	12.500	13.1	105.1	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	16429.488		1.00	5.16	16429.488	12.500	14.7	117.8	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2781.467		1.00	4.53	2781.467	12.500	12.2	98.0	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	18583.957		1.00	5.45	18583.957	12.500	13.4	106.9	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1588.842	1095.922	1.00	5.44	18.122	10.000	8.57	85.7	NO	1.043	NO
67	37	PFDoA	612.9 > 569.0	14725.096	18583.957	1.00	5.46	9.904	10.000	9.99	99.9	NO	12.679	NO
68	38	N-MeFOSA	512.1 > 168.9	6889.177	19411.514	1.00	5.53	52.951	50.000	49.1	98.1	NO	1.726	NO
69	39	PFTrDA	662.9 > 618.9	14720.252	18583.957	1.00	5.71	9.901	10.000	9.43	94.3	NO	100.393	NO
70	40	PFDoS	699 > 80	3212.052	17842.807	1.00	5.73	2.250	10.000	10.9	108.8	NO	2.154	NO
71	41	PFTeDA	713.0 > 669.0	9850.871	17842.807	1.00	5.93	6.901	10.000	10.1	100.5	NO	14.651	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1095.922		1.00	5.43	1095.922	12.500	14.7	117.3	NO		

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Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	18583.957		1.00	5.45	18583.957	12.500	13.4	106.9	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	19411.514		1.00	5.56	19411.514	149.200	156	104.6	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	18583.957		1.00	5.45	18583.957	12.500	13.4	106.9	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	17842.807		1.00	5.93	17842.807	12.500	12.4	99.0	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	17842.807		1.00	5.93	17842.807	12.500	12.4	99.0	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	9666.100	23753.932	1.00	6.01	60.713	50.000	52.2	104.4	NO	1.906	NO
80	43	PFHxDA	813 > 769	18651.957	21769.309	1.00	6.29	10.710	10.000	9.97	99.7	NO	32.089	NO
81	44	PFODA	913.1 > 868.8	16349.419	21769.309	1.00	6.54	9.388	10.000	10.9	109.4	NO		
82	45	N-MeFOSE	616.1 > 58.9	8257.196	22166.631	1.00	6.26	55.578	50.000	47.8	95.6	NO		
83	46	N-EtFOSE	630.1 > 58.9	8843.969	24684.949	1.00	6.41	53.454	50.000	48.7	97.5	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4813.052	5474.932	1.00	1.13	10.989	12.500	12.7	101.5	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	23753.932		1.00	6.03	23753.932	149.200	156	104.4	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	21769.309		1.00	6.29	21769.309	12.500	13.3	106.2	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	21769.309		1.00	6.29	21769.309	12.500	13.3	106.2	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	22166.631		1.00	6.25	22166.631	149.200	157	104.9	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	24684.949		1.00	6.40	24684.949	149.200	157	105.0	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	10449.925	15469.820	1.00	2.05	8.444	12.500	12.1	96.6	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1200.934	1151.560	1.00	2.34	13.036	12.500	11.0	87.6	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	3063.873	15469.820	1.00	3.08	2.476	12.500	12.5	100.1	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1330.606	1151.560	1.00	2.78	14.444	12.500	11.7	93.9	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	13369.389	15469.820	1.00	2.86	10.803	12.500	12.2	97.7	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	12375.149	15469.820	1.00	3.48	9.999	12.500	13.3	106.4	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2898.559	1151.560	1.00	3.62	31.463	12.500	12.6	100.5	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1417.540	3101.491	1.00	3.93	5.713	12.500	11.9	94.9	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	14983.732	15839.762	1.00	4.44	11.824	12.500	12.6	101.0	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5239.553	12836.533	1.00	4.49	5.102	12.500	11.7	93.5	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	13775.461	12480.609	1.00	3.99	13.797	12.500	12.7	101.4	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2755.328	3101.491	1.00	4.53	11.105	12.500	13.1	104.8	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	17386.932	14595.107	1.00	4.83	14.891	12.500	12.4	99.0	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1404.729	3101.491	1.00	4.79	5.662	12.500	11.6	92.6	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4242.752	12836.533	1.00	4.98	4.132	12.500	12.7	101.5	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	16429.488	12836.533	1.00	5.16	15.999	12.500	12.5	99.9	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	4455.947	12836.533	1.00	5.15	4.339	12.500	13.2	105.2	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-67.qld

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Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	18583.957	14595.107	1.00	5.45	15.916	12.500	12.1	96.8	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1095.922	3101.491	1.00	5.43	4.417	12.500	13.4	107.4	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	19411.514	12836.533	1.00	5.56	18.903	149.200	143	96.1	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	17842.807	12836.533	1.00	5.93	17.375	12.500	11.4	90.9	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	23753.932	12836.533	1.00	6.03	23.131	149.200	147	98.4	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	21769.309	12836.533	1.00	6.29	21.199	12.500	11.6	92.7	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	22166.631	12836.533	1.00	6.25	21.585	149.200	146	98.0	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	24684.949	12836.533	1.00	6.40	24.038	149.200	148	99.1	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5474.932	5474.932	1.00	1.13	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	15469.820	15469.820	1.00	2.86	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	12480.609	12480.609	1.00	3.99	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1151.560	1151.560	1.00	3.62	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	15839.762	15839.762	1.00	4.44	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3101.491	3101.491	1.00	4.53	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	14595.107	14595.107	1.00	4.83	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	12836.533	12836.533	1.00	5.16	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Compound name: PFBA

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1	1	200629P1-1	IPA	29-Jun-20	11:06:30
2	2	200629P1-2	TEST	29-Jun-20	11:17:00
3	3	200629P1-3	IPA	29-Jun-20	11:27:32
4	4	200629P1-4	ST200629P1-1 PFC CS-2 20F1901	29-Jun-20	11:38:03
5	5	200629P1-5	ST200629P1-2 PFC CS-1 20F1902	29-Jun-20	11:48:31
6	6	200629P1-6	ST200629P1-3 PFC CS0 20F1903	29-Jun-20	11:59:03
7	7	200629P1-7	ST200629P1-4 PFC CS1 20F1904	29-Jun-20	12:09:33
8	8	200629P1-8	ST200629P1-5 PFC CS2 20F1905	29-Jun-20	12:20:02
9	9	200629P1-9	ST200629P1-6 PFC CS3 20F1906	29-Jun-20	12:30:34
10	10	200629P1-10	ST200629P1-7 PFC CS4 20F1907	29-Jun-20	12:41:03
11	11	200629P1-11	ST200629P1-8 PFC CS5 20F1908	29-Jun-20	12:51:33
12	12	200629P1-12	ST200629P1-9 PFC CS6 20F1909	29-Jun-20	13:02:04
13	13	200629P1-13	ST200629P1-10 PFC CS7 20F1910	29-Jun-20	13:12:35
14	14	200629P1-14	IB	29-Jun-20	13:23:05
15	15	200629P1-15	ICV200629P1-1 PFC ICV 20F1911	29-Jun-20	13:33:35
16	16	200629P1-16	IB	29-Jun-20	13:44:04
17	17	200629P1-17	B0F0231-BLK1 Method Blank 0.25	29-Jun-20	13:57:03
18	18	200629P1-18	B0F0231-BS1 OPR 0.25	29-Jun-20	14:07:42
19	19	200629P1-19	B0F0231-BSD1 LCSD 0.25	29-Jun-20	14:18:09
20	20	200629P1-20	2001335-01 SMW07B-20Q2 0.25482	29-Jun-20	14:28:41
21	21	200629P1-21	2001335-02 MW-31-20Q2 0.25129	29-Jun-20	14:39:11
22	22	200629P1-22	2001335-03 SMW05B-20Q2 0.2467	29-Jun-20	14:49:42
23	23	200629P1-23	2001335-04 SMW04A-20Q2 0.24482	29-Jun-20	15:00:11
24	24	200629P1-24	2001335-05 SMW04B-20Q2 0.25182	29-Jun-20	15:10:43
25	25	200629P1-25	2001335-06 SMW05A-20Q2 0.24727	29-Jun-20	15:21:12
26	26	200629P1-26	2001335-07 SMW03A-20Q2 0.24956	29-Jun-20	15:31:43
27	27	200629P1-27	2001335-08 SMW03B-20Q2 0.25417	29-Jun-20	15:42:12
28	28	200629P1-28	2001335-09 SMW02B-20Q2 0.24676	29-Jun-20	15:52:43
29	29	200629P1-29	2001335-10 SMW02A-20Q2 0.24717	29-Jun-20	16:03:12
30	30	200629P1-30	IB	29-Jun-20	16:18:32
31	31	200629P1-31	ST200629P1-11 PFC CS3 20F1906	29-Jun-20	16:29:04
32	32	200629P1-32	IB	29-Jun-20	16:39:36

Dataset: Untitled

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Compound name: PFBA

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33	33 200629P1-33	2001335-11 IDW-20Q2 0.24211	29-Jun-20	16:50:05
34	34 200629P1-34	IB	29-Jun-20	17:00:37
35	35 200629P1-35	2001374-01 CASTLE-AM21-200626 0.12057	29-Jun-20	17:11:06
36	36 200629P1-36	B0F0261-BLK1 Method Blank 1	29-Jun-20	17:21:37
37	37 200629P1-37	B0F0261-BS1 OPR 1	29-Jun-20	17:32:08
38	38 200629P1-38	B0F0261-DUP1 Duplicate 2.81	29-Jun-20	17:42:36
39	39 200629P1-39	2001298-01RE1 ST-1-06152020 2.81	29-Jun-20	17:53:09
40	40 200629P1-40	B0F0134-BLK1 Method Blank 1	29-Jun-20	18:03:38
41	41 200629P1-41	B0F0134-BS1 OPR 1	29-Jun-20	18:14:07
42	42 200629P1-42	B0F0134-MS1 Matrix Spike 1.49	29-Jun-20	18:24:39
43	43 200629P1-43	B0F0134-MSD1 Matrix Spike Dup 1.49	29-Jun-20	18:35:10
44	44 200629P1-44	2001244-14 NASB-SD-11-0620 2.1	29-Jun-20	18:45:38
45	45 200629P1-45	2001244-16 NASB-SD-12-0620 3.88	29-Jun-20	18:56:10
46	46 200629P1-46	2001244-18 NASB-ASA-SD-DUP-0620 2.35	29-Jun-20	19:06:39
47	47 200629P1-47	2001244-20 NASB-SD-13-0620 1.93	29-Jun-20	19:17:10
48	48 200629P1-48	2001244-22 NASB-SD-17-0620 1.58	29-Jun-20	19:27:41
49	49 200629P1-49	2001244-24 NASB-SD-23-0620 1.21	29-Jun-20	19:38:12
50	50 200629P1-50	2001245-02 NASB-SD-44-0620 1.59	29-Jun-20	19:48:40
51	51 200629P1-51	IB	29-Jun-20	19:59:12
52	52 200629P1-52	ST200629P1-12 PFC CS3 20F1906	29-Jun-20	20:09:41
53	53 200629P1-53	IB	29-Jun-20	20:20:12
54	54 200629P1-54	2001245-10 NASB-SD-50-0620 1.58	29-Jun-20	20:30:41
55	55 200629P1-55	2001245-12 NASB-SD-52-0620 1.34	29-Jun-20	20:41:13
56	56 200629P1-56	2001245-19 NASB-ASA-SD-51-0620 1.81	29-Jun-20	20:51:43
57	57 200629P1-57	2001245-21 NASB-ASA-SD-53-0620 1.54	29-Jun-20	21:02:14
58	58 200629P1-58	2001245-23 NASB-ASA-SD-54-0620 4.45	29-Jun-20	21:12:42
59	59 200629P1-59	B0F0258-BLK1 Method Blank 0.25	29-Jun-20	21:23:13
60	60 200629P1-60	B0F0258-BS1 OPR 0.25	29-Jun-20	21:33:45
61	61 200629P1-61	2001363-01 AOI4PD20100-200625 0.25171	29-Jun-20	21:44:15
62	62 200629P1-62	2001363-02 AOI4PD20101-200625 0.25774	29-Jun-20	21:54:46
63	63 200629P1-63	2001363-03 AOI4PD20102-200625 0.26178	29-Jun-20	22:05:14
64	64 200629P1-64	2001363-04 AOI4PD20103-200625 0.25852	29-Jun-20	22:15:46
65	65 200629P1-65	2001363-05 AOI4PD20104-200625 0.25357	29-Jun-20	22:26:14
66	66 200629P1-66	IB	29-Jun-20	22:36:46
67	67 200629P1-67	ST200629P1-13 PFC CS3 20F1906	29-Jun-20	22:47:15
68	68 200629P1-68	IB	29-Jun-20	22:57:47

Dataset: Untitled

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200629P1-69	2001363-06 AOI4PD20105-200625 0.25616	29-Jun-20	23:08:16
70	70 200629P1-70	2001363-07 AOI4PD20106-200625 0.2614	29-Jun-20	23:18:48
71	71 200629P1-71	2001363-08 EB-1 0.25591	29-Jun-20	23:29:18
72	72 200629P1-72	B0F0256-BLK1 Method Blank 0.125	29-Jun-20	23:39:49
73	73 200629P1-73	B0F0256-BS1 OPR 0.125	29-Jun-20	23:50:17
74	74 200629P1-74	2001271-07RE1 GW-FPC-2B 0.11932	30-Jun-20	00:00:47
75	75 200629P1-75	IB	30-Jun-20	00:11:19
76	76 200629P1-76	2001271-09RE1 EB-Water Level 0.10966	30-Jun-20	00:21:48
77	77 200629P1-77	B0F0239-BLK1 Method Blank 0.25	30-Jun-20	00:32:20
78	78 200629P1-78	B0F0239-BS1 OPR 0.25	30-Jun-20	00:42:50
79	79 200629P1-79	B0F0239-MS1 Matrix Spike 0.23264	30-Jun-20	00:53:21
80	80 200629P1-80	B0F0239-MSD1 Matrix Spike Dup 0.24539	30-Jun-20	01:03:49
81	81 200629P1-81	2001192-01RE1 TB-02 0.24822	30-Jun-20	01:14:22
82	82 200629P1-82	2001192-02RE1 MW-20 (28-33) 0.24123	30-Jun-20	01:24:51
83	83 200629P1-83	2001192-03RE1 MW-19 0.23929	30-Jun-20	01:35:20
84	84 200629P1-84	2001192-04RE1 MW-20 (2-7) 0.23671	30-Jun-20	01:45:52
85	85 200629P1-85	2001192-05RE1 MW-40 0.25142	30-Jun-20	01:56:21
86	86 200629P1-86	2001192-06RE1 MW-39 0.24636	30-Jun-20	02:06:53
87	87 200629P1-87	IB	30-Jun-20	02:17:22
88	88 200629P1-88	ST200629P1-14 PFC CS3 20F1906	30-Jun-20	02:27:53
89	89 200629P1-89	IB	30-Jun-20	02:38:24
90	90 200629P1-90	2001192-07RE1 MW-11 0.24564	30-Jun-20	02:48:53
91	91 200629P1-91	2001192-08RE1 MW-35 0.24071	30-Jun-20	02:59:24
92	92 200629P1-92	2001192-09RE1 FB-06-02 0.23648	30-Jun-20	03:09:53
93	93 200629P1-93	2001192-10RE1 MW-22 0.23955	30-Jun-20	03:20:25
94	94 200629P1-94	2001192-11RE1 MW-21 0.24847	30-Jun-20	03:30:55
95	95 200629P1-95	2001258-12RE1 Equip Blank 2 0.25411	30-Jun-20	03:41:24
96	96 200629P1-96	B0F0174-BLK1 Method Blank 0.25	30-Jun-20	03:51:56
97	97 200629P1-97	B0F0174-BS1 OPR 0.25	30-Jun-20	04:02:27
98	98 200629P1-98	2001300-01 WG Well 8 0.25611	30-Jun-20	04:12:57
99	99 200629P1-99	B0F0223-BLK3 Method Blank 2	30-Jun-20	04:23:25
100	100 200629P1-100	B0F0223-BLK4 Method Blank 2	30-Jun-20	04:33:57
101	101 200629P1-101	B0F0223-BS2 OPR 2	30-Jun-20	04:44:26
102	102 200629P1-102	B0F0223-BS3 OPR 2	30-Jun-20	04:54:57
103	103 200629P1-103	B0F0223-BS4 OPR 2	30-Jun-20	05:05:28
104	104 200629P1-104	B0F0221-BLK1 Method Blank 0.125	30-Jun-20	05:15:57

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Last Altered: Tuesday, June 30, 2020 12:23:31 Pacific Daylight Time
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Compound name: PFBA

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105	105 200629P1-105	B0F0221-BLK2 Method Blank 0.125	30-Jun-20	05:26:28
106	106 200629P1-106	B0F0221-BS1 OPR 0.125	30-Jun-20	05:36:59
107	107 200629P1-107	B0F0221-BS2 OPR 0.125	30-Jun-20	05:47:27
108	108 200629P1-108	GLOVE QC	30-Jun-20	05:57:59
109	109 200629P1-109	IB	30-Jun-20	06:08:28
110	110 200629P1-110	ST200629P1-15 PFC CS3 20F1906	30-Jun-20	06:19:00
111	111 200629P1-111	IB	30-Jun-20	06:29:29

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Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-67.qld

Last Altered: Tuesday, June 30, 2020 09:42:22 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:43:17 Pacific Daylight Time

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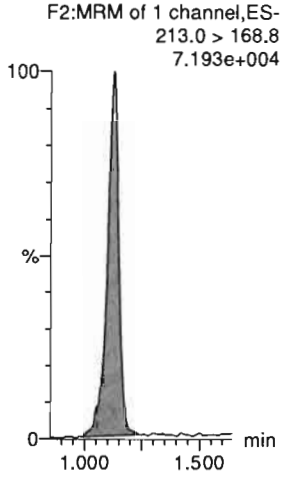
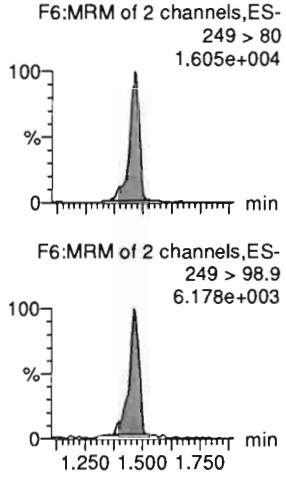
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFBA



PFPrS



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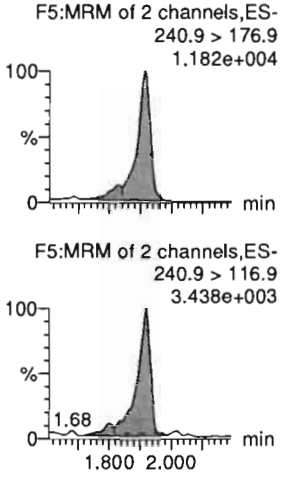

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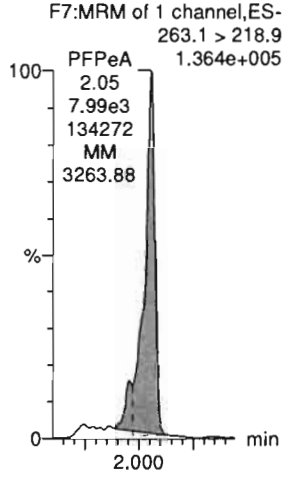

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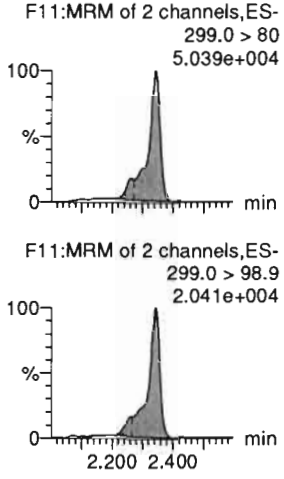
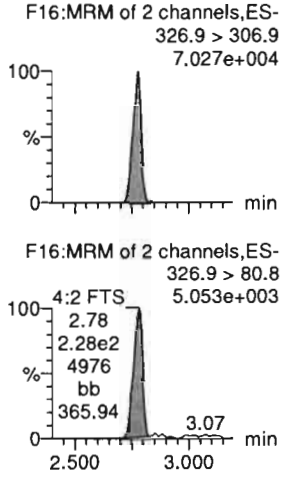


4:2 FTS



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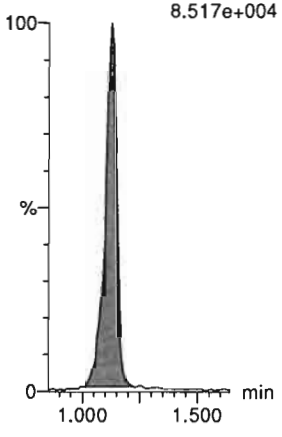
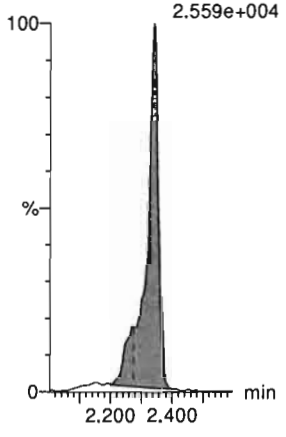


13C3-PFBS-EIS



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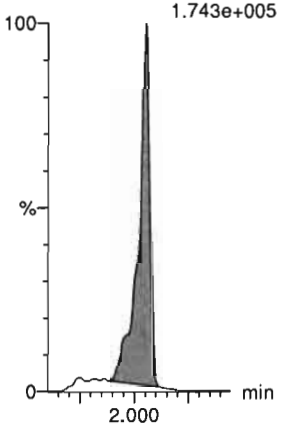

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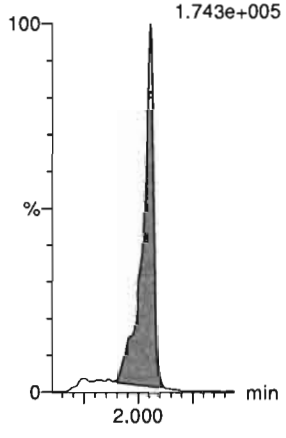

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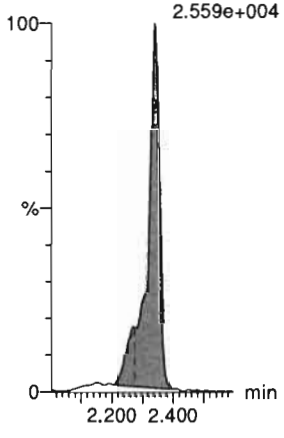

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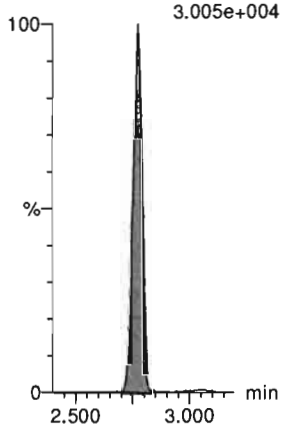

OPV 6/30/2020

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-67.qld

Last Altered: Tuesday, June 30, 2020 09:42:22 Pacific Daylight Time
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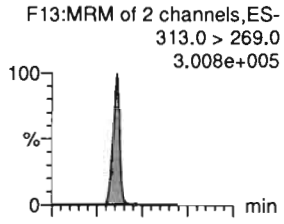
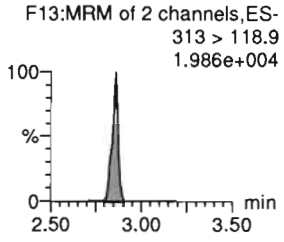
Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFHxA





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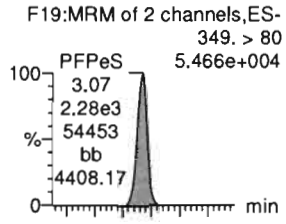

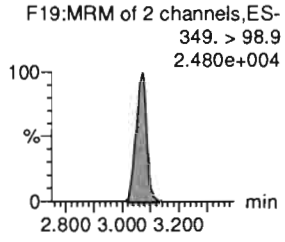

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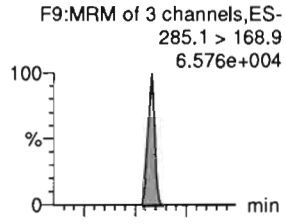

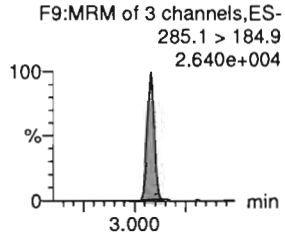

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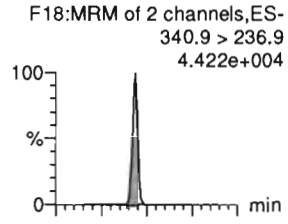

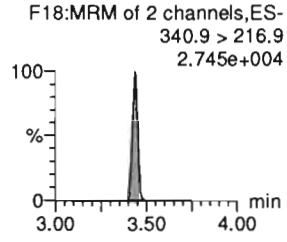

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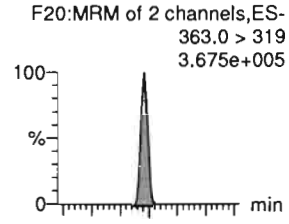

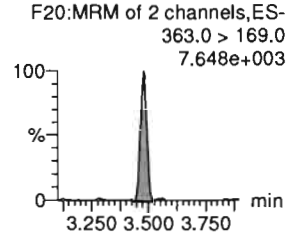

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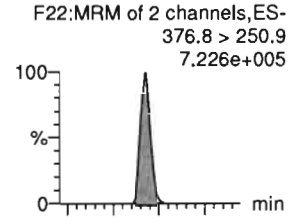
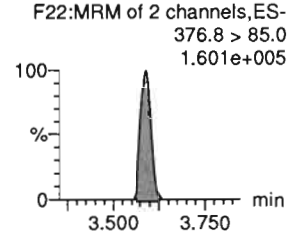
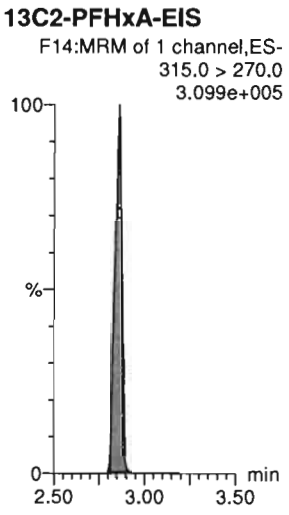
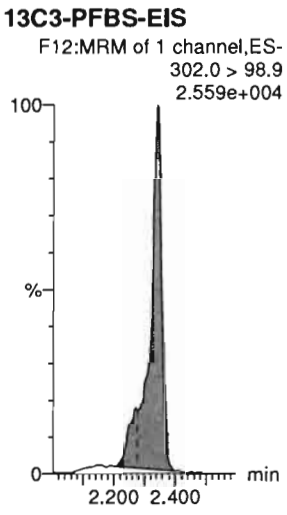




13C2-PFHxA-EIS



13C3-PFBS-EIS



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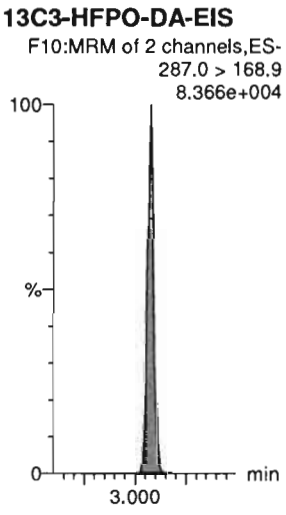

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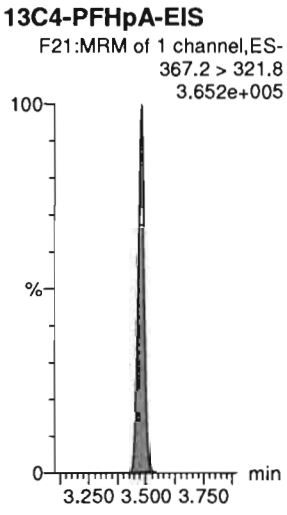

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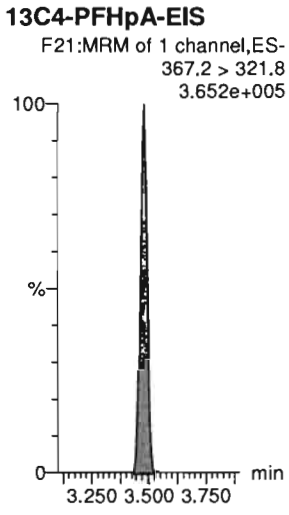

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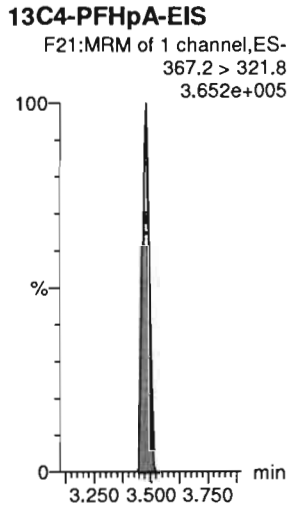

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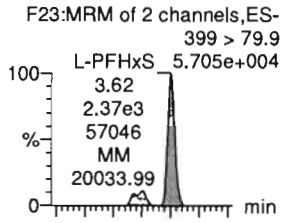
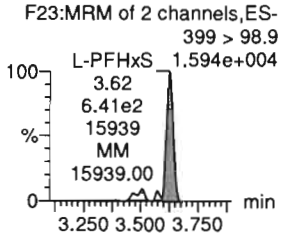
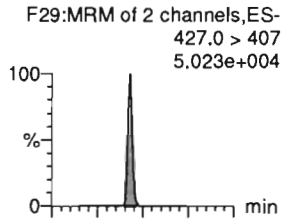
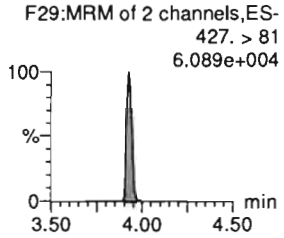
L-PFHxS





6:2 FTS





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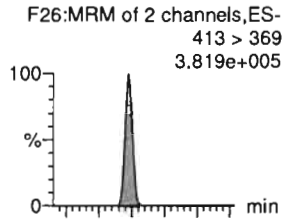

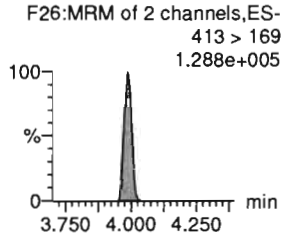

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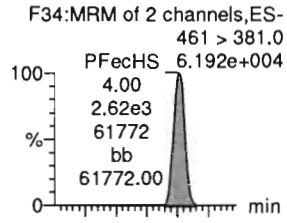

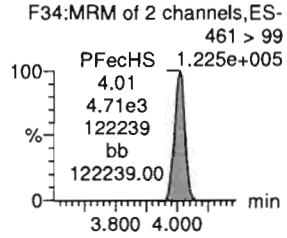

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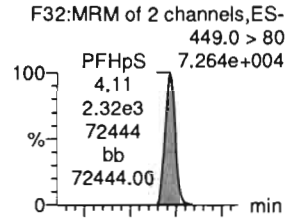
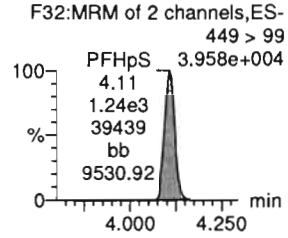
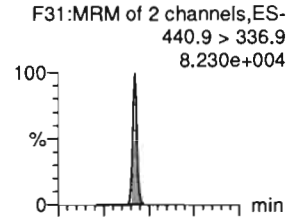
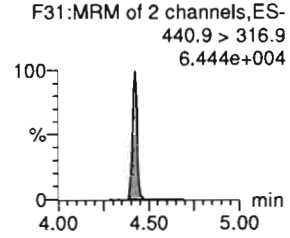




7:3 FTCA





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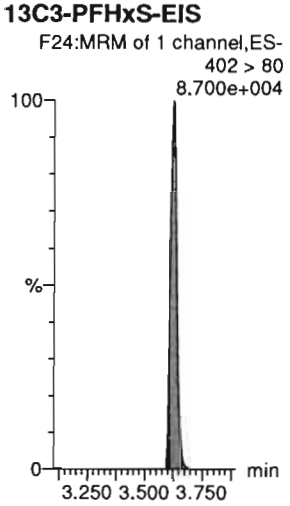
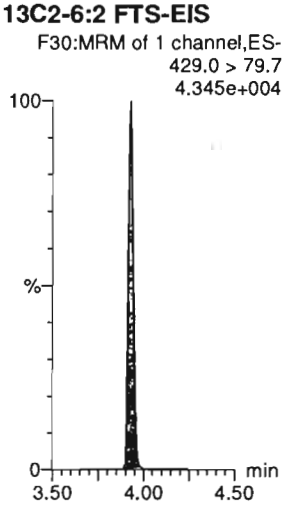
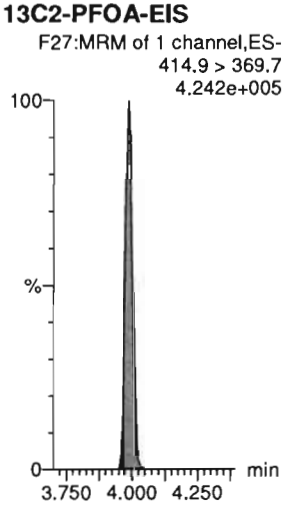


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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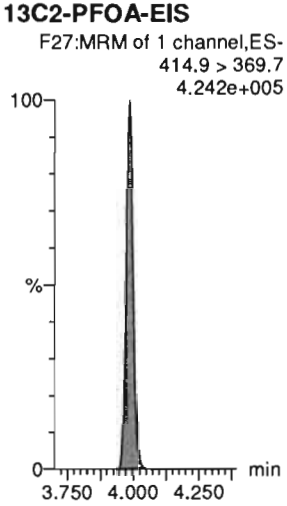
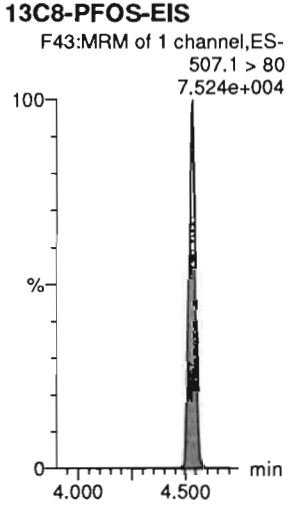
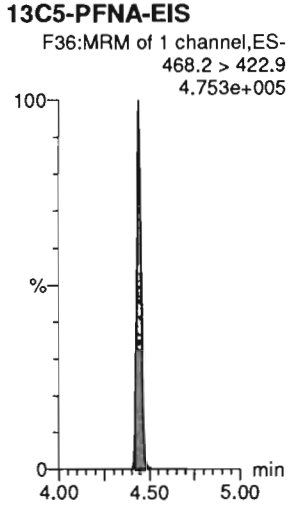


13C8-PFOS-EIS



13C5-PFNA-EIS



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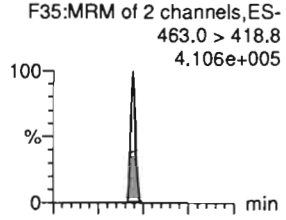

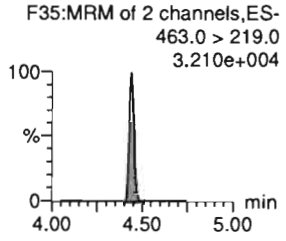

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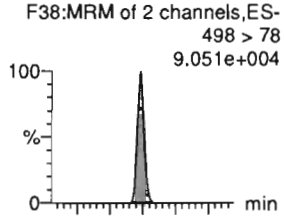
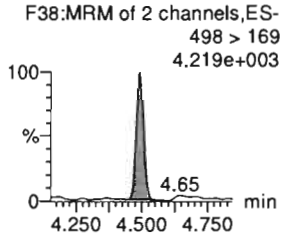
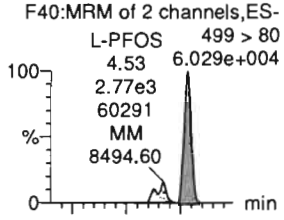
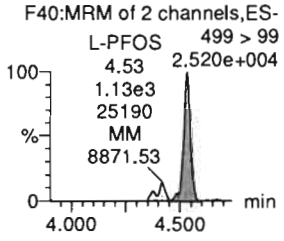


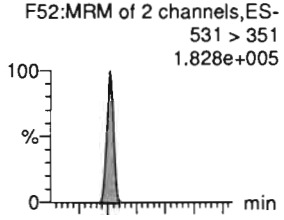


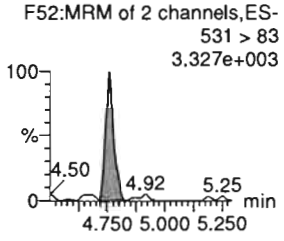
L-PFOS





9Cl-PF30NS





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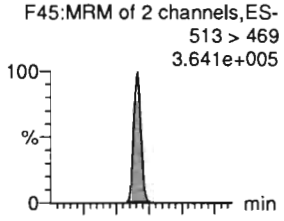
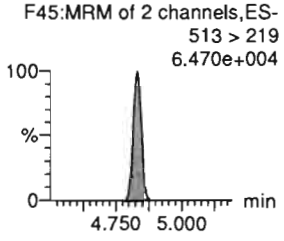
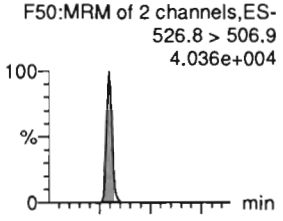
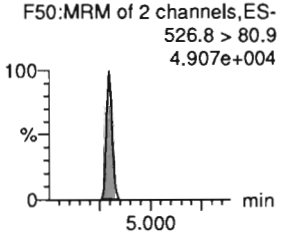


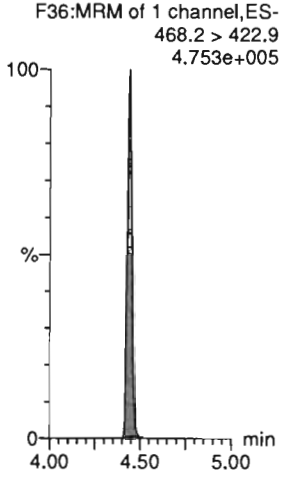


8:2 FTS

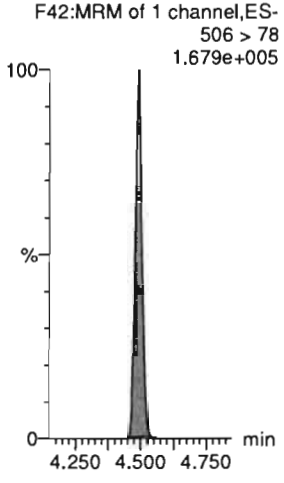




13C5-PFNA-EIS



13C8-PFOSA-EIS



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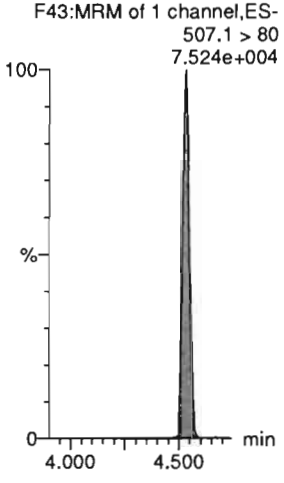

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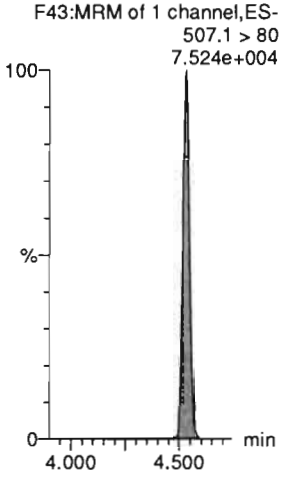

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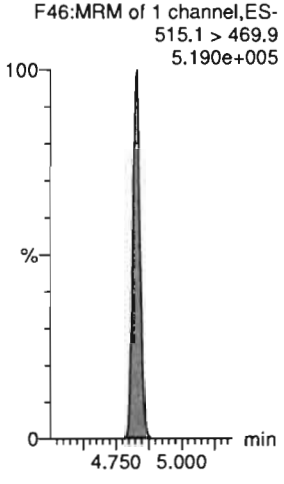
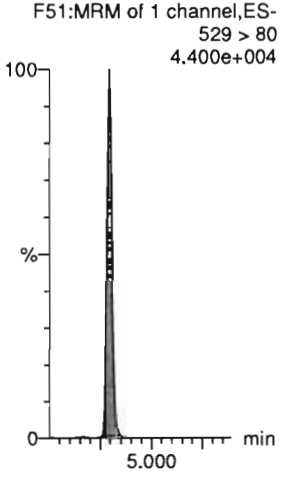


13C2-8:2 FTS-EIS



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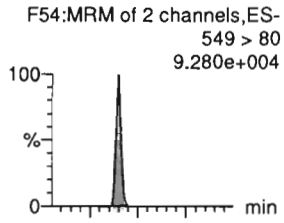
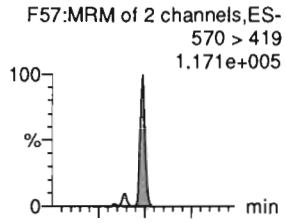
Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS



L-MeFOSAA



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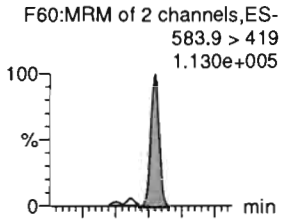
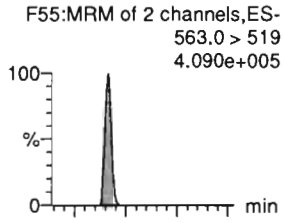
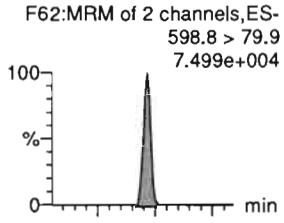


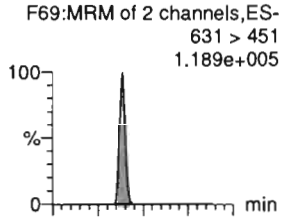
PFUdA

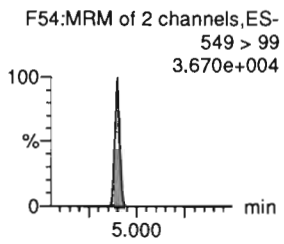


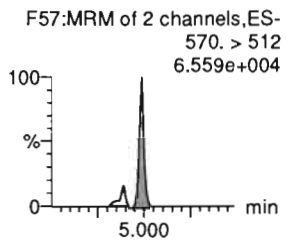
PFDS

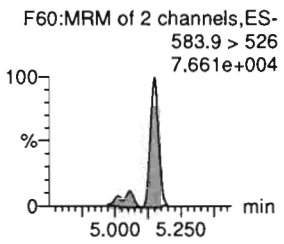


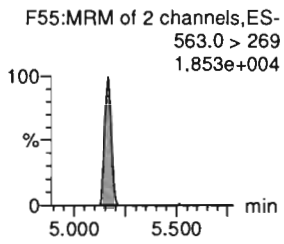
11Cl-PF30UdS

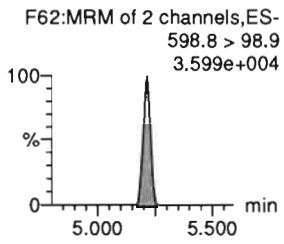


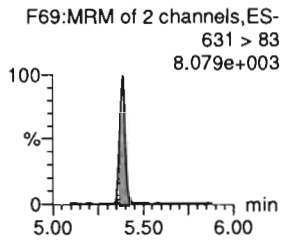




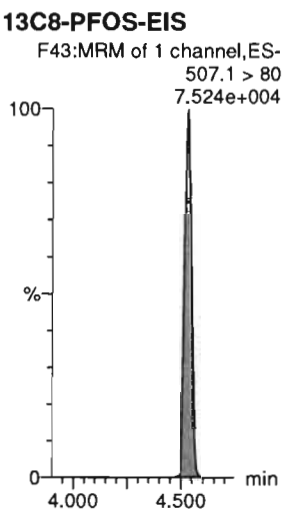




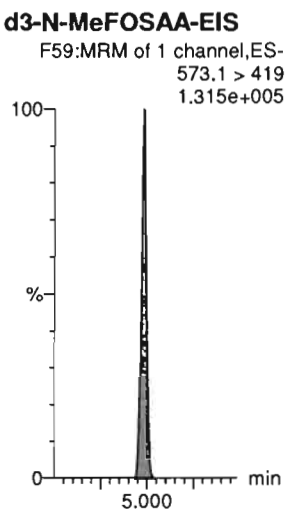




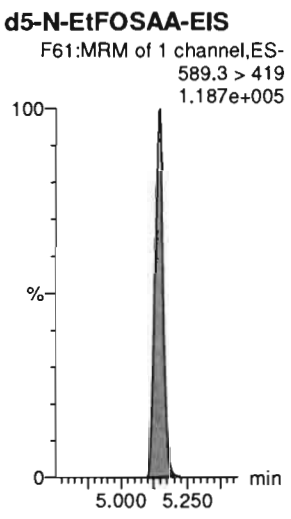
13C8-PFOS-EIS



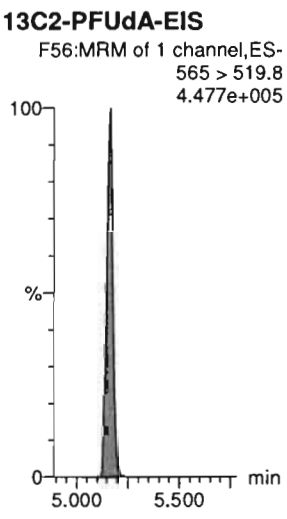
d3-N-MeFOSAA-EIS



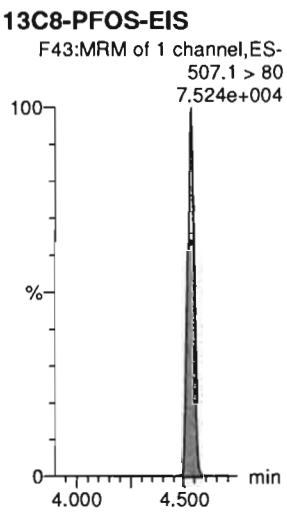
d5-N-EtFOSAA-EIS



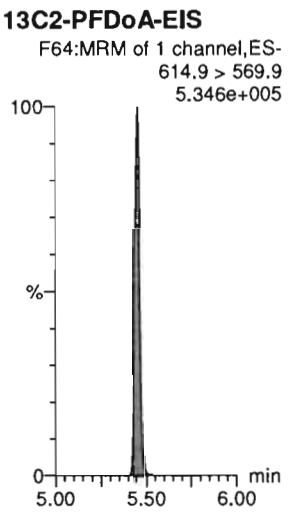
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-67.qld

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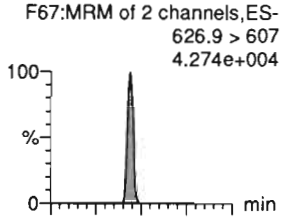
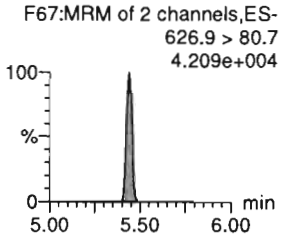
Printed: Tuesday, June 30, 2020 09:43:17 Pacific Daylight Time

Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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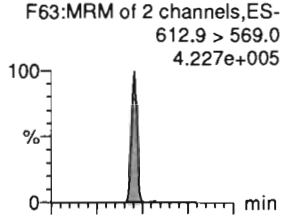
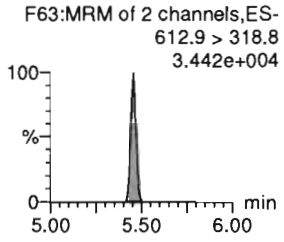
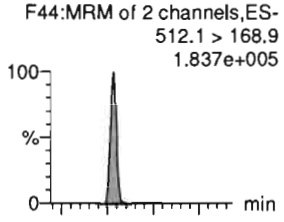
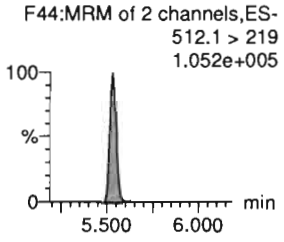




N-MeFOSA





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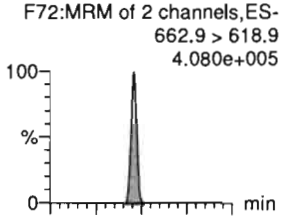
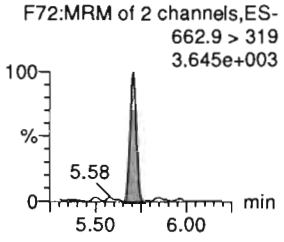
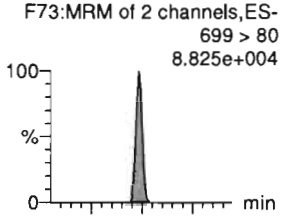
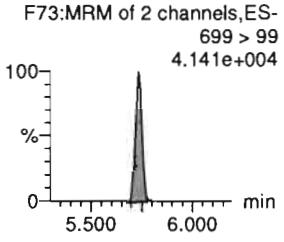




PFDoS





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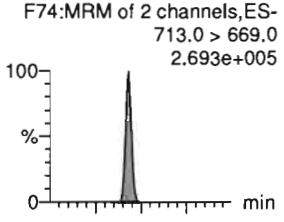
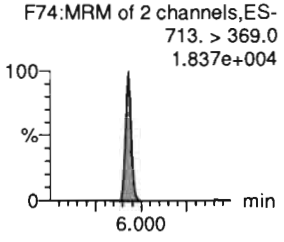
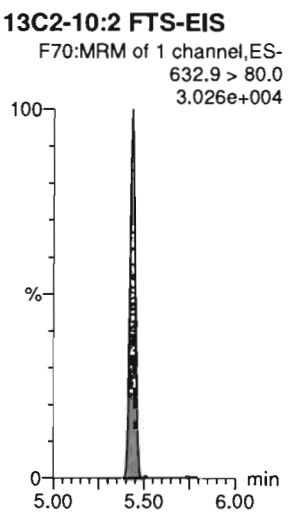
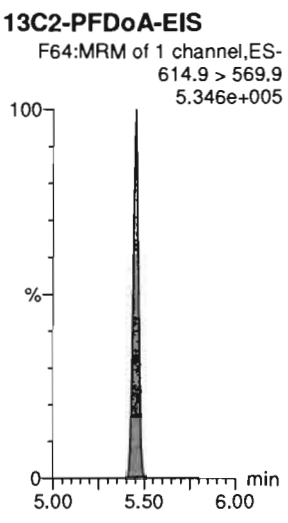




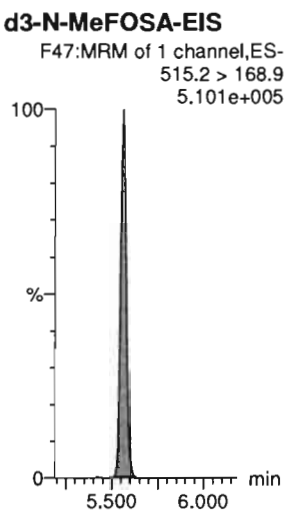
13C2-10:2 FTS-EIS



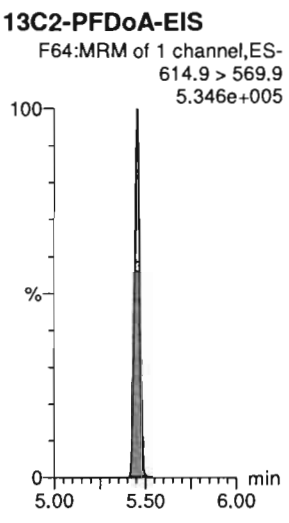
13C2-PFDoA-EIS



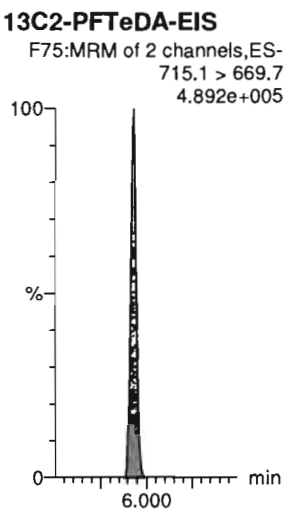
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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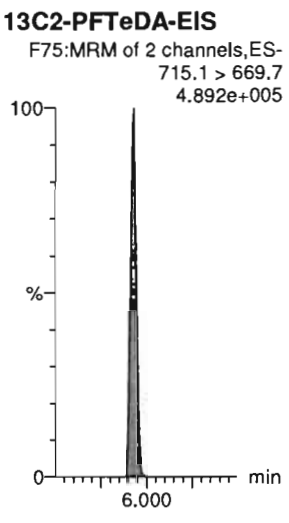

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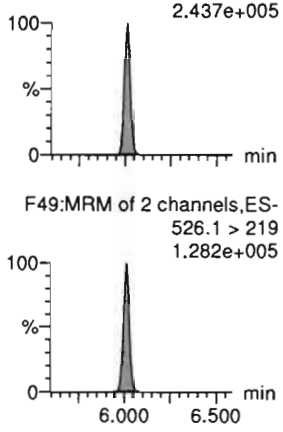
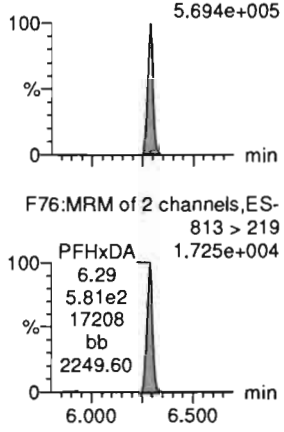
Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

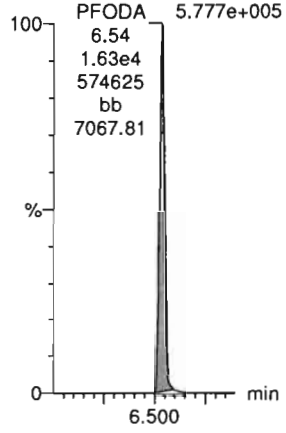
N-EtFOSA



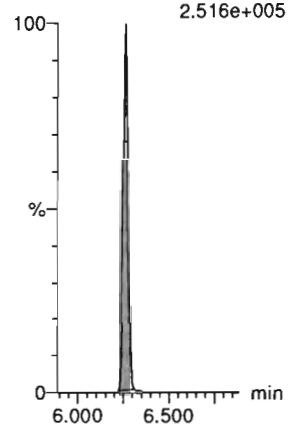
PFHxDA



PFODA



N-MeFOSE



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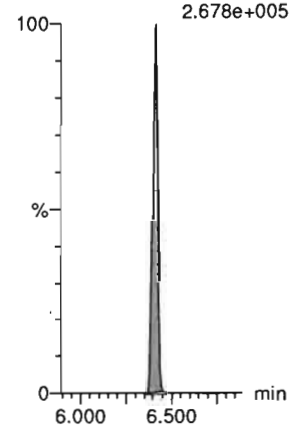

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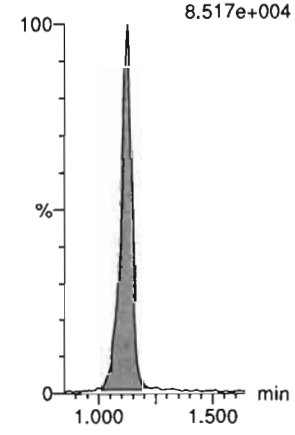
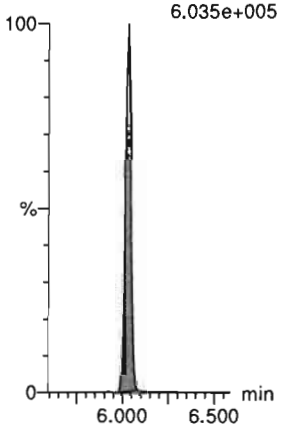
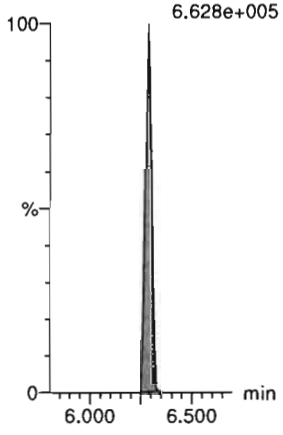


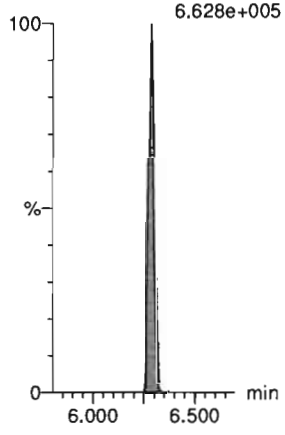
d5-N-ETFOSA-EIS



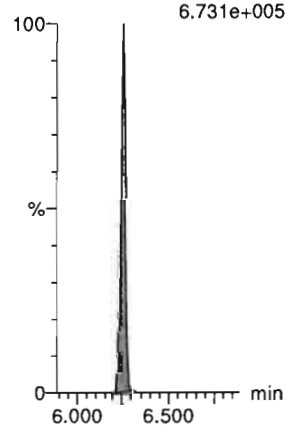
13C2-PFHxDA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



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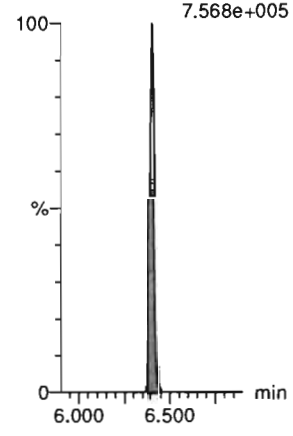

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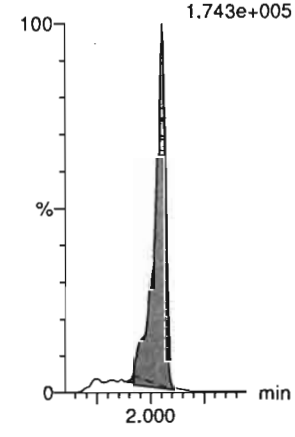

OPV 6/30/2020

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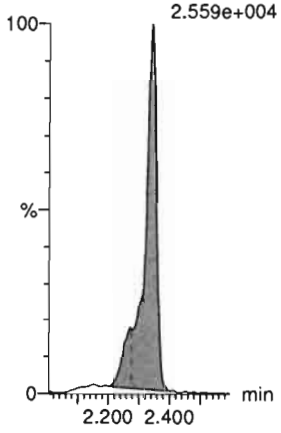
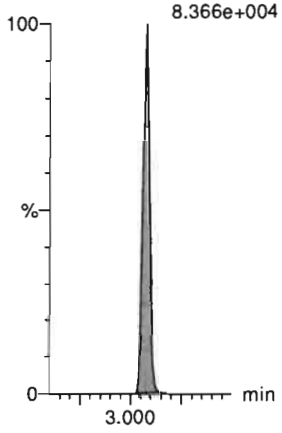
Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

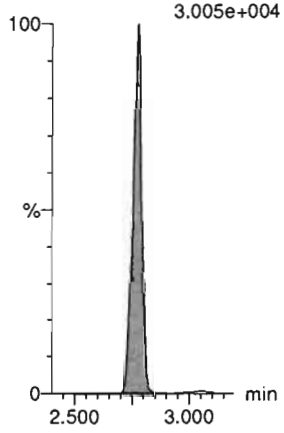
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.559e+004



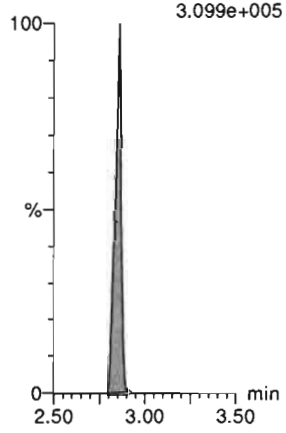
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.366e+004



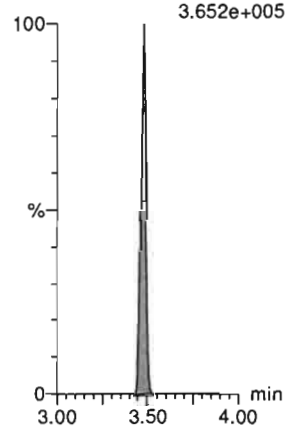
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.005e+004



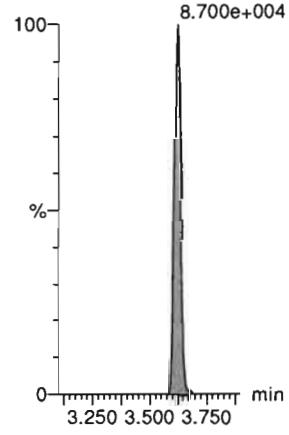
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.099e+005



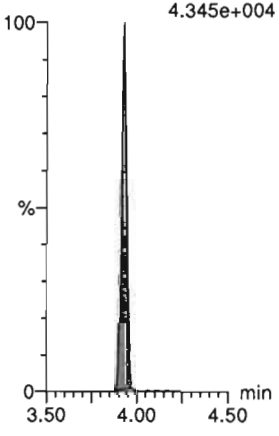
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.652e+005



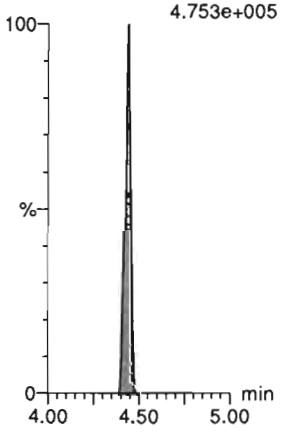
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.700e+004



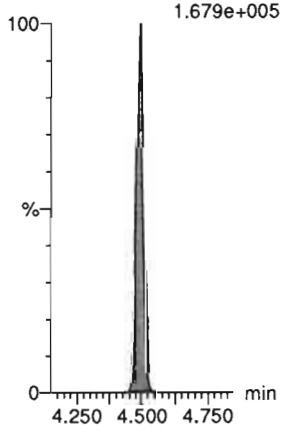
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.345e+004



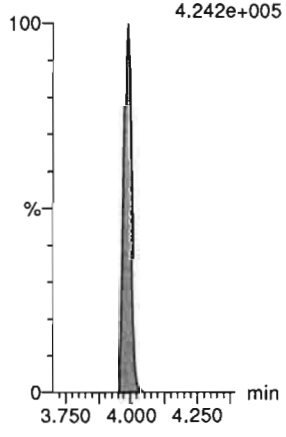
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.753e+005



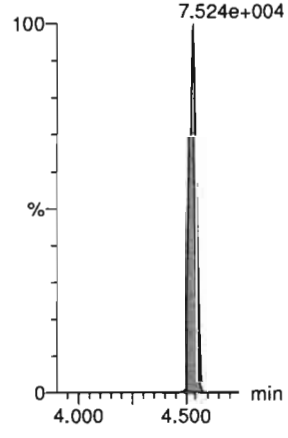
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.679e+005



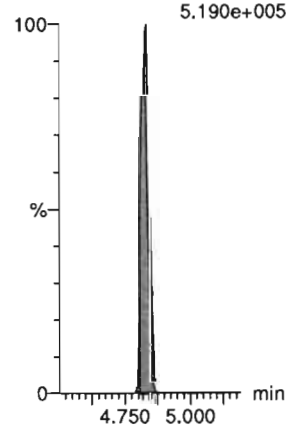
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.242e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.524e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.190e+005



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-67.qld

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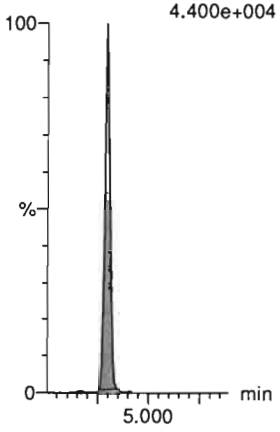
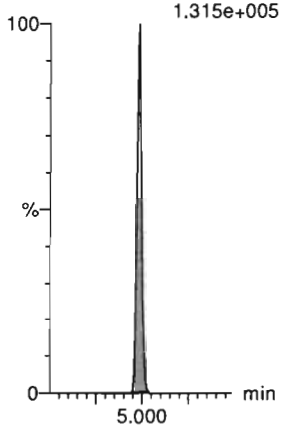
Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

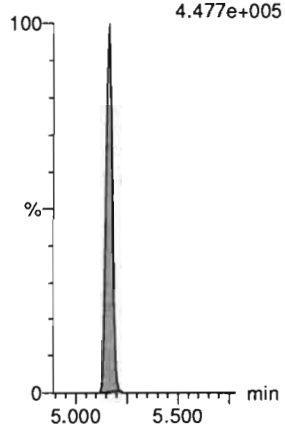
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.400e+004



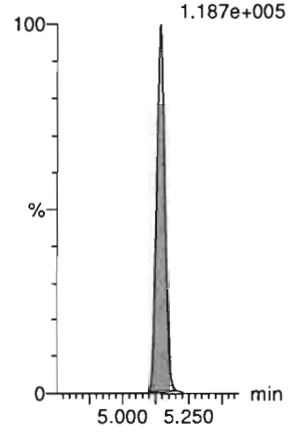
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.315e+005



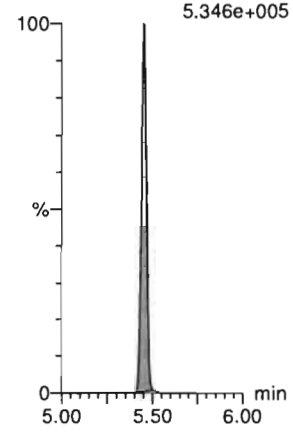
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.477e+005



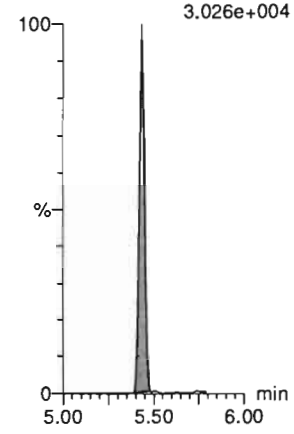
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.187e+005



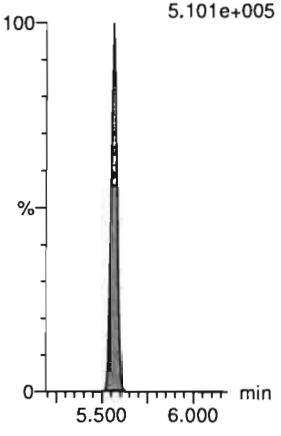
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.346e+005



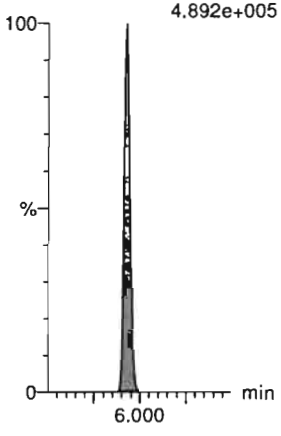
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.026e+004



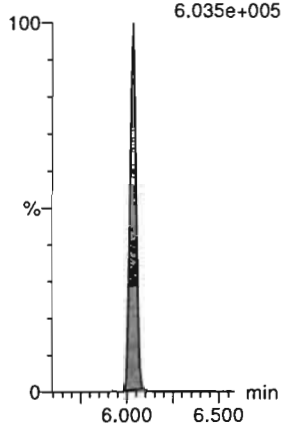
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.101e+005



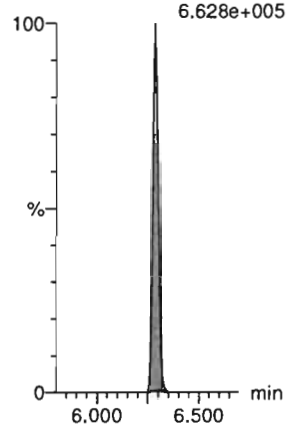
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.892e+005



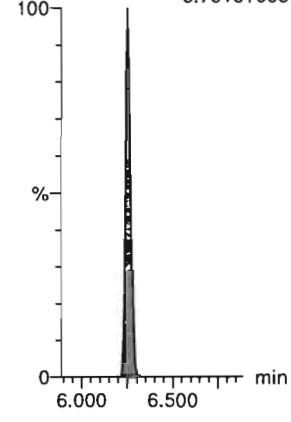
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.035e+005



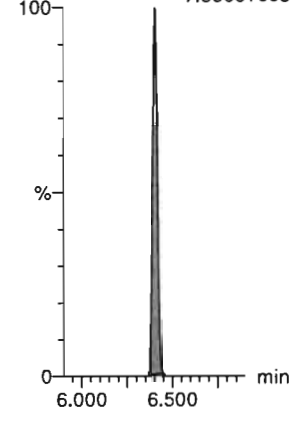
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.628e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.731e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.568e+005



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-67.qld

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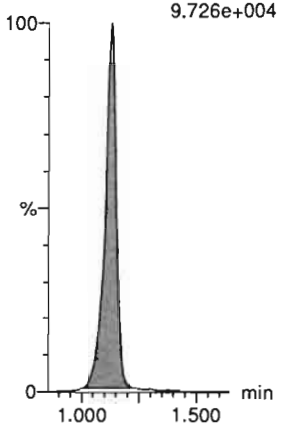
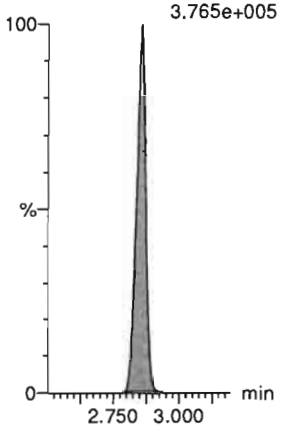
Name: 200629P1-67, Date: 29-Jun-2020, Time: 22:47:15, ID: ST200629P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

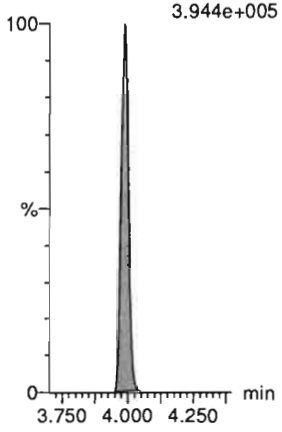
13C4-PFBA



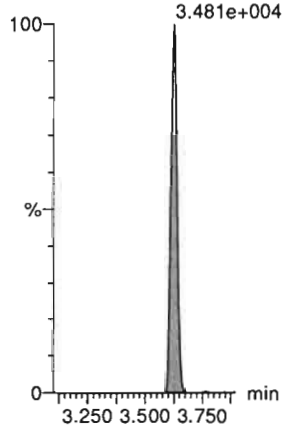
13C5-PFHxA



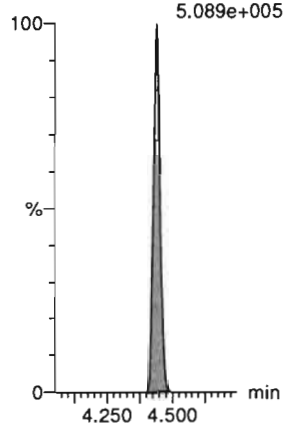
13C8-PFOA



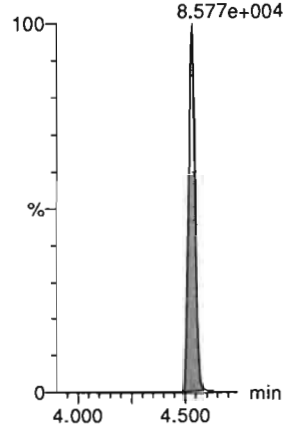
18O2-PFHxS



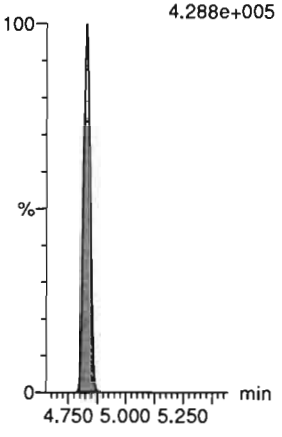
13C9-PFNA



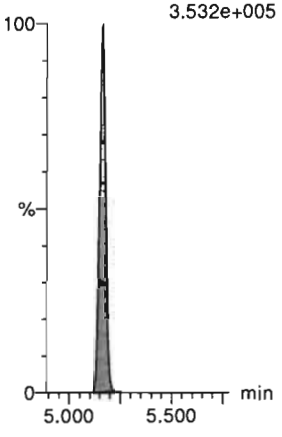
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-88.qld

Last Altered: Tuesday, June 30, 2020 09:45:53 Pacific Daylight Time
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vjm 6/30/2020

Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4389.489	5272.106	1.00	1.13	10.407	10.000	9.33	93.3	NO		
2	2	PFPrS	249 > 80	929.417	1333.341	1.00	1.47	8.713	10.000	10.2	101.9	NO	2.818	NO
3	3	3:3 FTCA	240.9 > 176.9	685.414	11690.686	1.00	1.92	0.733	10.000	9.35	93.5	NO	3.592	NO
4	4	PFPeA	263.1 > 218.9	8736.262	11690.686	1.00	2.06	9.341	10.000	9.65	96.5	NO		
5	5	PFBS	299.0 > 80	2739.314	1333.341	1.00	2.35	25.681	10.000	9.56	95.6	NO	2.363	NO
6	6	4:2 FTS	326.9 > 306.9	2757.372	1289.222	1.00	2.78	26.735	10.000	9.51	95.1	NO	10.987	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	5272.106		1.00	1.13	5272.106	12.500	13.4	107.3	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1333.341		1.00	2.35	1333.341	12.500	13.6	108.7	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	11690.686		1.00	2.06	11690.686	12.500	14.7	117.4	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	11690.686		1.00	2.06	11690.686	12.500	14.7	117.4	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1333.341		1.00	2.35	1333.341	12.500	13.6	108.7	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1289.222		1.00	2.78	1289.222	12.500	13.6	108.5	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	12189.347	14166.515	1.00	2.86	10.755	10.000	9.74	97.4	NO	16.110	NO
15	8	PFPeS	349.>80	2313.358	1333.341	1.00	3.07	21.688	10.000	9.69	96.9	NO	2.275	NO
16	9	HFPO-DA	285.1 > 168.9	2564.464	3039.691	1.00	3.08	10.546	10.000	10.3	103.3	NO	2.445	NO
17	10	5:3 FTCA	340.9 > 236.9	1450.142	12113.039	1.00	3.44	1.496	10.000	9.16	91.6	NO	1.655	NO
18	11	PFHpA	363.0 > 319	12711.236	12113.039	1.00	3.48	13.117	10.000	9.72	97.2	NO	47.411	NO
19	12	ADONA	376.8 > 250.9	21637.854	12113.039	1.00	3.59	22.329	10.000	9.78	97.8	NO	4.195	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	14166.515		1.00	2.86	14166.515	12.500	13.3	106.6	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1333.341		1.00	2.35	1333.341	12.500	13.6	108.7	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	3039.691		1.00	3.08	3039.691	12.500	13.0	104.1	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	12113.039		1.00	3.48	12113.039	12.500	12.9	103.0	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	12113.039		1.00	3.48	12113.039	12.500	12.9	103.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	12113.039		1.00	3.48	12113.039	12.500	12.9	103.0	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2442.177	2770.386	1.00	3.63	11.019	10.000	9.82	98.2	NO	3.612	NO
28	15	6:2 FTS	427.0 > 407	1434.206	1497.002	1.00	3.93	11.976	10.000	9.71	97.1	NO	0.700	NO
29	16	L-PFOA	413 > 369	12484.308	14213.105	1.00	3.99	10.980	10.000	9.47	94.7	NO	2.972	NO
30	18	PFecHS	461 > 381.0	2375.948	14213.105	1.00	4.01	2.090	10.000	9.00	90.0	NO	0.485	NO
31	19	PFHpS	449.0 > 80	2177.782	2848.623	1.00	4.11	9.556	10.000	9.23	92.3	NO	1.802	NO
32	20	7:3 FTCA	440.9 > 336.9	2400.002	15081.130	1.00	4.42	1.989	10.000	8.45	84.5	NO	1.201	NO
33	61	13C3-PFHxS-EIS	402 > 80	2770.386		1.00	3.63	2770.386	12.500	13.6	108.4	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1497.002		1.00	3.93	1497.002	12.500	12.5	100.1	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	14213.105		1.00	3.99	14213.105	12.500	14.0	112.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	14213.105		1.00	3.99	14213.105	12.500	14.0	112.3	NO		

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Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2848.623		1.00	4.53	2848.623	12.500	12.5	100.3	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	15081.130		1.00	4.44	15081.130	12.500	14.1	113.1	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	12782.208	15081.130	1.00	4.44	10.595	10.000	9.31	93.1	NO	13.388	NO
41	22	PFOSA	498 > 78	3028.156	5369.042	1.00	4.49	7.050	10.000	9.99	99.9	NO	23.485	NO
42	23	L-PFOS	499 > 80	2936.515	2848.623	1.00	4.54	12.886	10.000	9.86	98.6	NO	2.721	NO
43	25	9Cl-PF30NS	531 > 351	5838.746	2848.623	1.00	4.76	25.621	10.000	9.36	93.6	NO	31.932	NO
44	26	PFDA	513 > 469	12285.437	17066.527	1.00	4.83	8.998	10.000	9.83	98.3	NO	5.504	NO
45	27	8:2 FTS	526.8 > 506.9	1443.379	1294.351	1.00	4.80	13.939	10.000	11.6	116.2	NO	0.705	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	15081.130		1.00	4.44	15081.130	12.500	14.1	113.1	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5369.042		1.00	4.49	5369.042	12.500	12.4	99.1	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2848.623		1.00	4.53	2848.623	12.500	12.5	100.3	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2848.623		1.00	4.53	2848.623	12.500	12.5	100.3	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	17066.527		1.00	4.83	17066.527	12.500	13.1	105.1	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1294.351		1.00	4.80	1294.351	12.500	11.0	88.1	NO		
52	-1													
53	28	PFNS	549 > 80	2674.413	2848.623	1.00	4.90	11.736	10.000	8.64	86.4	NO	2.386	NO
54	29	L-MeFOSAA	570 > 419	4136.779	4357.595	1.00	4.99	11.867	10.000	9.48	94.8	NO	1.780	NO
55	31	L-EtFOSAA	583.9 > 419	4522.571	4612.269	1.00	5.15	12.257	10.000	8.76	87.6	NO	1.329	NO
56	33	PFUdA	563.0 > 519	13721.900	15490.986	1.00	5.16	11.072	10.000	9.52	95.2	NO	15.767	NO
57	34	PFDS	598.8 >79.9	2633.321	2848.623	1.00	5.22	11.555	10.000	9.15	91.5	NO	2.213	NO
58	35	11Cl-PF30UdS	631 > 451	4700.035	18271.922	1.00	5.38	3.215	10.000	10.3	103.0	NO	15.305	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2848.623		1.00	4.53	2848.623	12.500	12.5	100.3	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4357.595		1.00	4.98	4357.595	12.500	14.0	111.7	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4612.269		1.00	5.15	4612.269	12.500	13.6	108.8	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	15490.986		1.00	5.16	15490.986	12.500	13.9	111.1	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2848.623		1.00	4.53	2848.623	12.500	12.5	100.3	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	18271.922		1.00	5.46	18271.922	12.500	13.1	105.1	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	1521.771	956.440	1.00	5.44	19.888	10.000	9.39	93.9	NO	0.928	NO
67	37	PFDoA	612.9 > 569.0	14022.837	18271.922	1.00	5.46	9.593	10.000	9.68	96.8	NO	11.492	NO
68	38	N-MeFOSA	512.1 > 168.9	7037.688	18992.963	1.00	5.54	55.285	50.000	51.2	102.5	NO	1.873	NO
69	39	PFTrDA	662.9 > 618.9	14449.153	18271.922	1.00	5.71	9.885	10.000	9.42	94.2	NO	125.682	NO
70	40	PFDoS	699 > 80	3272.840	18017.912	1.00	5.74	2.271	10.000	11.0	109.8	NO	2.127	NO
71	41	PFTeDA	713.0 > 669.0	10089.803	18017.912	1.00	5.93	7.000	10.000	10.2	102.0	NO	16.760	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	956.440		1.00	5.44	956.440	12.500	12.8	102.4	NO		

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Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-88.qld

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Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	18271.922		1.00	5.46	18271.922	12.500	13.1	105.1	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	18992.963		1.00	5.57	18992.963	149.200	153	102.4	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	18271.922		1.00	5.46	18271.922	12.500	13.1	105.1	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	18017.912		1.00	5.93	18017.912	12.500	12.5	100.0	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	18017.912		1.00	5.93	18017.912	12.500	12.5	100.0	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	9516.701	23911.127	1.00	6.01	59.382	50.000	51.1	102.1	NO	1.944	NO
80	43	PFHxDA	813 > 769	18207.822	20017.910	1.00	6.29	11.370	10.000	10.6	105.9	NO	30.609	NO
81	44	PFODA	913.1 > 868.8	15437.042	20017.910	1.00	6.54	9.640	10.000	11.2	112.4	NO		
82	45	N-MeFOSE	616.1 > 58.9	8299.859	22604.959	1.00	6.26	54.782	50.000	47.1	94.2	NO		
83	46	N-EtFOSE	630.1 > 58.9	8657.075	24824.520	1.00	6.41	52.031	50.000	47.5	94.9	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	5272.106	5992.362	1.00	1.13	10.998	12.500	12.7	101.6	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	23911.127		1.00	6.03	23911.127	149.200	157	105.1	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	20017.910		1.00	6.29	20017.910	12.500	12.2	97.6	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	20017.910		1.00	6.29	20017.910	12.500	12.2	97.6	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	22604.959		1.00	6.25	22604.959	149.200	160	107.0	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	24824.520		1.00	6.40	24824.520	149.200	157	105.5	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	11677.953	15800.624	1.00	2.06	9.239	12.500	13.2	105.7	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1333.341	1090.281	1.00	2.35	15.287	12.500	12.8	102.7	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	3039.691	15800.624	1.00	3.08	2.405	12.500	12.1	97.2	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1289.222	1090.281	1.00	2.78	14.781	12.500	12.0	96.1	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	14166.515	15800.624	1.00	2.86	11.207	12.500	12.7	101.4	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	12113.039	15800.624	1.00	3.48	9.583	12.500	12.7	101.9	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2770.386	1090.281	1.00	3.63	31.762	12.500	12.7	101.4	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1497.002	3391.383	1.00	3.93	5.518	12.500	11.5	91.7	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	15081.130	16271.847	1.00	4.44	11.585	12.500	12.4	99.0	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5369.042	11798.294	1.00	4.49	5.688	12.500	13.0	104.3	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	14213.105	12793.094	1.00	3.99	13.887	12.500	12.8	102.1	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2848.623	3391.383	1.00	4.53	10.499	12.500	12.4	99.1	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	17066.527	14488.332	1.00	4.83	14.724	12.500	12.2	97.9	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1294.351	3391.383	1.00	4.80	4.771	12.500	9.76	78.0	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4357.595	11798.294	1.00	4.98	4.617	12.500	14.2	113.5	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	15490.986	11798.294	1.00	5.16	16.412	12.500	12.8	102.5	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	4612.269	11798.294	1.00	5.15	4.887	12.500	14.8	118.5	NO		

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Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	18271.922	14488.332	1.00	5.46	15.764	12.500	12.0	95.9	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	956.440	3391.383	1.00	5.44	3.525	12.500	10.7	85.7	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	18992.963	11798.294	1.00	5.57	20.123	149.200	153	102.3	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	18017.912	11798.294	1.00	5.93	19.090	12.500	12.5	99.9	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	23911.127	11798.294	1.00	6.03	25.333	149.200	161	107.8	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	20017.910	11798.294	1.00	6.29	21.208	12.500	11.6	92.8	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	22604.959	11798.294	1.00	6.25	23.949	149.200	162	108.8	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	24824.520	11798.294	1.00	6.40	26.301	149.200	162	108.4	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5992.362	5992.362	1.00	1.13	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	15800.624	15800.624	1.00	2.86	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	12793.094	12793.094	1.00	3.99	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1090.281	1090.281	1.00	3.63	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	16271.847	16271.847	1.00	4.44	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3391.383	3391.383	1.00	4.53	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	14488.332	14488.332	1.00	4.83	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	11798.294	11798.294	1.00	5.16	12.500	12.500	12.5	100.0	NO		

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200629P1-1	IPA	29-Jun-20	11:06:30
2	2	200629P1-2	TEST	29-Jun-20	11:17:00
3	3	200629P1-3	IPA	29-Jun-20	11:27:32
4	4	200629P1-4	ST200629P1-1 PFC CS-2 20F1901	29-Jun-20	11:38:03
5	5	200629P1-5	ST200629P1-2 PFC CS-1 20F1902	29-Jun-20	11:48:31
6	6	200629P1-6	ST200629P1-3 PFC CS0 20F1903	29-Jun-20	11:59:03
7	7	200629P1-7	ST200629P1-4 PFC CS1 20F1904	29-Jun-20	12:09:33
8	8	200629P1-8	ST200629P1-5 PFC CS2 20F1905	29-Jun-20	12:20:02
9	9	200629P1-9	ST200629P1-6 PFC CS3 20F1906	29-Jun-20	12:30:34
10	10	200629P1-10	ST200629P1-7 PFC CS4 20F1907	29-Jun-20	12:41:03
11	11	200629P1-11	ST200629P1-8 PFC CS5 20F1908	29-Jun-20	12:51:33
12	12	200629P1-12	ST200629P1-9 PFC CS6 20F1909	29-Jun-20	13:02:04
13	13	200629P1-13	ST200629P1-10 PFC CS7 20F1910	29-Jun-20	13:12:35
14	14	200629P1-14	IB	29-Jun-20	13:23:05
15	15	200629P1-15	ICV200629P1-1 PFC ICV 20F1911	29-Jun-20	13:33:35
16	16	200629P1-16	IB	29-Jun-20	13:44:04
17	17	200629P1-17	B0F0231-BLK1 Method Blank 0.25	29-Jun-20	13:57:03
18	18	200629P1-18	B0F0231-BS1 OPR 0.25	29-Jun-20	14:07:42
19	19	200629P1-19	B0F0231-BSD1 LCSD 0.25	29-Jun-20	14:18:09
20	20	200629P1-20	2001335-01 SMW07B-20Q2 0.25482	29-Jun-20	14:28:41
21	21	200629P1-21	2001335-02 MW-31-20Q2 0.25129	29-Jun-20	14:39:11
22	22	200629P1-22	2001335-03 SMW05B-20Q2 0.2467	29-Jun-20	14:49:42
23	23	200629P1-23	2001335-04 SMW04A-20Q2 0.24482	29-Jun-20	15:00:11
24	24	200629P1-24	2001335-05 SMW04B-20Q2 0.25182	29-Jun-20	15:10:43
25	25	200629P1-25	2001335-06 SMW05A-20Q2 0.24727	29-Jun-20	15:21:12
26	26	200629P1-26	2001335-07 SMW03A-20Q2 0.24956	29-Jun-20	15:31:43
27	27	200629P1-27	2001335-08 SMW03B-20Q2 0.25417	29-Jun-20	15:42:12
28	28	200629P1-28	2001335-09 SMW02B-20Q2 0.24676	29-Jun-20	15:52:43
29	29	200629P1-29	2001335-10 SMW02A-20Q2 0.24717	29-Jun-20	16:03:12
30	30	200629P1-30	IB	29-Jun-20	16:18:32
31	31	200629P1-31	ST200629P1-11 PFC CS3 20F1906	29-Jun-20	16:29:04
32	32	200629P1-32	IB	29-Jun-20	16:39:36

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200629P1-33	2001335-11 IDW-20Q2 0.24211	29-Jun-20	16:50:05
34	34 200629P1-34	IB	29-Jun-20	17:00:37
35	35 200629P1-35	2001374-01 CASTLE-AM21-200626 0.12057	29-Jun-20	17:11:06
36	36 200629P1-36	B0F0261-BLK1 Method Blank 1	29-Jun-20	17:21:37
37	37 200629P1-37	B0F0261-BS1 OPR 1	29-Jun-20	17:32:08
38	38 200629P1-38	B0F0261-DUP1 Duplicate 2.81	29-Jun-20	17:42:36
39	39 200629P1-39	2001298-01RE1 ST-1-06152020 2.81	29-Jun-20	17:53:09
40	40 200629P1-40	B0F0134-BLK1 Method Blank 1	29-Jun-20	18:03:38
41	41 200629P1-41	B0F0134-BS1 OPR 1	29-Jun-20	18:14:07
42	42 200629P1-42	B0F0134-MS1 Matrix Spike 1.49	29-Jun-20	18:24:39
43	43 200629P1-43	B0F0134-MSD1 Matrix Spike Dup 1.49	29-Jun-20	18:35:10
44	44 200629P1-44	2001244-14 NASB-SD-11-0620 2.1	29-Jun-20	18:45:38
45	45 200629P1-45	2001244-16 NASB-SD-12-0620 3.88	29-Jun-20	18:56:10
46	46 200629P1-46	2001244-18 NASB-ASA-SD-DUP-0620 2.35	29-Jun-20	19:06:39
47	47 200629P1-47	2001244-20 NASB-SD-13-0620 1.93	29-Jun-20	19:17:10
48	48 200629P1-48	2001244-22 NASB-SD-17-0620 1.58	29-Jun-20	19:27:41
49	49 200629P1-49	2001244-24 NASB-SD-23-0620 1.21	29-Jun-20	19:38:12
50	50 200629P1-50	2001245-02 NASB-SD-44-0620 1.59	29-Jun-20	19:48:40
51	51 200629P1-51	IB	29-Jun-20	19:59:12
52	52 200629P1-52	ST200629P1-12 PFC CS3 20F1906	29-Jun-20	20:09:41
53	53 200629P1-53	IB	29-Jun-20	20:20:12
54	54 200629P1-54	2001245-10 NASB-SD-50-0620 1.58	29-Jun-20	20:30:41
55	55 200629P1-55	2001245-12 NASB-SD-52-0620 1.34	29-Jun-20	20:41:13
56	56 200629P1-56	2001245-19 NASB-ASA-SD-51-0620 1.81	29-Jun-20	20:51:43
57	57 200629P1-57	2001245-21 NASB-ASA-SD-53-0620 1.54	29-Jun-20	21:02:14
58	58 200629P1-58	2001245-23 NASB-ASA-SD-54-0620 4.45	29-Jun-20	21:12:42
59	59 200629P1-59	B0F0258-BLK1 Method Blank 0.25	29-Jun-20	21:23:13
60	60 200629P1-60	B0F0258-BS1 OPR 0.25	29-Jun-20	21:33:45
61	61 200629P1-61	2001363-01 AOI4PD20100-200625 0.25171	29-Jun-20	21:44:15
62	62 200629P1-62	2001363-02 AOI4PD20101-200625 0.25774	29-Jun-20	21:54:46
63	63 200629P1-63	2001363-03 AOI4PD20102-200625 0.26178	29-Jun-20	22:05:14
64	64 200629P1-64	2001363-04 AOI4PD20103-200625 0.25852	29-Jun-20	22:15:46
65	65 200629P1-65	2001363-05 AOI4PD20104-200625 0.25357	29-Jun-20	22:26:14
66	66 200629P1-66	IB	29-Jun-20	22:36:46
67	67 200629P1-67	ST200629P1-13 PFC CS3 20F1906	29-Jun-20	22:47:15
68	68 200629P1-68	IB	29-Jun-20	22:57:47

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200629P1-69	2001363-06 AOI4PD20105-200625 0.25616	29-Jun-20	23:08:16
70	70 200629P1-70	2001363-07 AOI4PD20106-200625 0.2614	29-Jun-20	23:18:48
71	71 200629P1-71	2001363-08 EB-1 0.25591	29-Jun-20	23:29:18
72	72 200629P1-72	B0F0256-BLK1 Method Blank 0.125	29-Jun-20	23:39:49
73	73 200629P1-73	B0F0256-BS1 OPR 0.125	29-Jun-20	23:50:17
74	74 200629P1-74	2001271-07RE1 GW-FPC-2B 0.11932	30-Jun-20	00:00:47
75	75 200629P1-75	IB	30-Jun-20	00:11:19
76	76 200629P1-76	2001271-09RE1 EB-Water Level 0.10966	30-Jun-20	00:21:48
77	77 200629P1-77	B0F0239-BLK1 Method Blank 0.25	30-Jun-20	00:32:20
78	78 200629P1-78	B0F0239-BS1 OPR 0.25	30-Jun-20	00:42:50
79	79 200629P1-79	B0F0239-MS1 Matrix Spike 0.23264	30-Jun-20	00:53:21
80	80 200629P1-80	B0F0239-MSD1 Matrix Spike Dup 0.24539	30-Jun-20	01:03:49
81	81 200629P1-81	2001192-01RE1 TB-02 0.24822	30-Jun-20	01:14:22
82	82 200629P1-82	2001192-02RE1 MW-20 (28-33) 0.24123	30-Jun-20	01:24:51
83	83 200629P1-83	2001192-03RE1 MW-19 0.23929	30-Jun-20	01:35:20
84	84 200629P1-84	2001192-04RE1 MW-20 (2-7) 0.23671	30-Jun-20	01:45:52
85	85 200629P1-85	2001192-05RE1 MW-40 0.25142	30-Jun-20	01:56:21
86	86 200629P1-86	2001192-06RE1 MW-39 0.24636	30-Jun-20	02:06:53
87	87 200629P1-87	IB	30-Jun-20	02:17:22
88	88 200629P1-88	ST200629P1-14 PFC CS3 20F1906	30-Jun-20	02:27:53
89	89 200629P1-89	IB	30-Jun-20	02:38:24
90	90 200629P1-90	2001192-07RE1 MW-11 0.24564	30-Jun-20	02:48:53
91	91 200629P1-91	2001192-08RE1 MW-35 0.24071	30-Jun-20	02:59:24
92	92 200629P1-92	2001192-09RE1 FB-06-02 0.23648	30-Jun-20	03:09:53
93	93 200629P1-93	2001192-10RE1 MW-22 0.23955	30-Jun-20	03:20:25
94	94 200629P1-94	2001192-11RE1 MW-21 0.24847	30-Jun-20	03:30:55
95	95 200629P1-95	2001258-12RE1 Equip Blank 2 0.25411	30-Jun-20	03:41:24
96	96 200629P1-96	B0F0174-BLK1 Method Blank 0.25	30-Jun-20	03:51:56
97	97 200629P1-97	B0F0174-BS1 OPR 0.25	30-Jun-20	04:02:27
98	98 200629P1-98	2001300-01 WG Well 8 0.25611	30-Jun-20	04:12:57
99	99 200629P1-99	B0F0223-BLK3 Method Blank 2	30-Jun-20	04:23:25
100	100 200629P1-100	B0F0223-BLK4 Method Blank 2	30-Jun-20	04:33:57
101	101 200629P1-101	B0F0223-BS2 OPR 2	30-Jun-20	04:44:26
102	102 200629P1-102	B0F0223-BS3 OPR 2	30-Jun-20	04:54:57
103	103 200629P1-103	B0F0223-BS4 OPR 2	30-Jun-20	05:05:28
104	104 200629P1-104	B0F0221-BLK1 Method Blank 0.125	30-Jun-20	05:15:57

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, June 30, 2020 12:23:31 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 12:23:58 Pacific Daylight Time

Compound name: PFBA

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105	105 200629P1-105	B0F0221-BLK2 Method Blank 0.125	30-Jun-20	05:26:28
106	106 200629P1-106	B0F0221-BS1 OPR 0.125	30-Jun-20	05:36:59
107	107 200629P1-107	B0F0221-BS2 OPR 0.125	30-Jun-20	05:47:27
108	108 200629P1-108	GLOVE QC	30-Jun-20	05:57:59
109	109 200629P1-109	IB	30-Jun-20	06:08:28
110	110 200629P1-110	ST200629P1-15 PFC CS3 20F1906	30-Jun-20	06:19:00
111	111 200629P1-111	IB	30-Jun-20	06:29:29

Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-88.qld

Last Altered: Tuesday, June 30, 2020 09:45:53 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:47:16 Pacific Daylight Time

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Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

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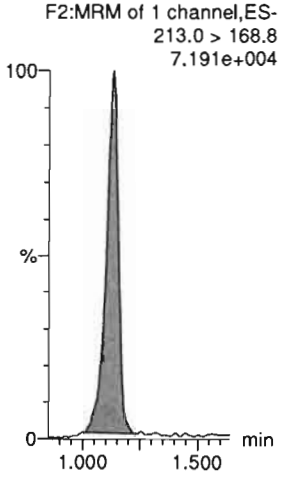

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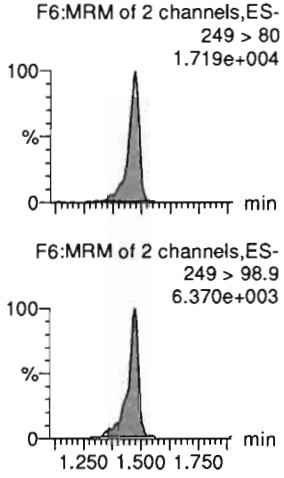
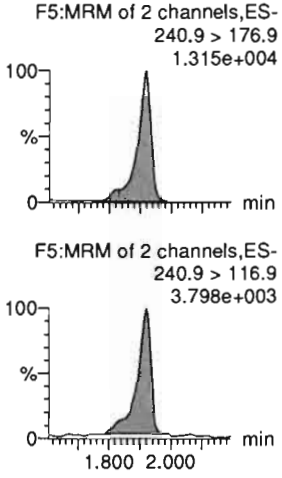


3:3 FTCA



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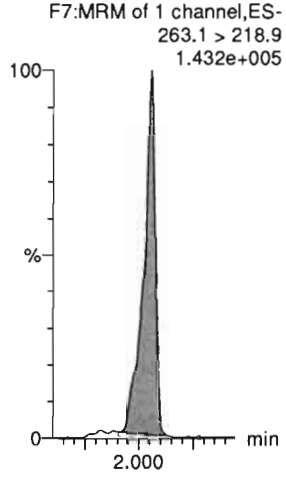

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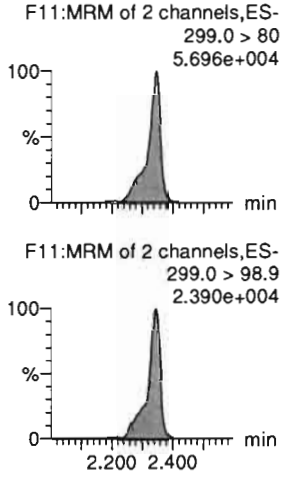
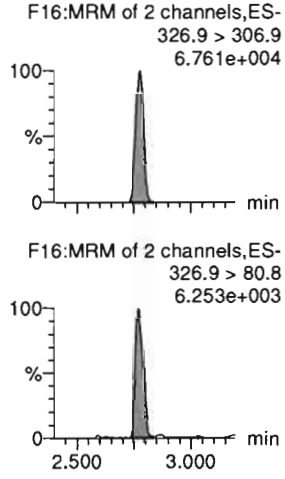


4:2 FTS



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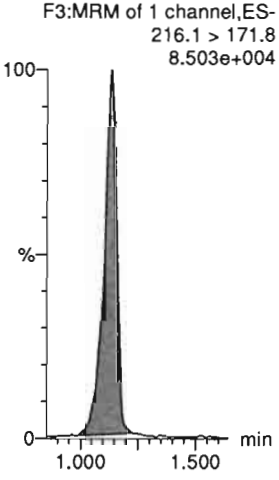

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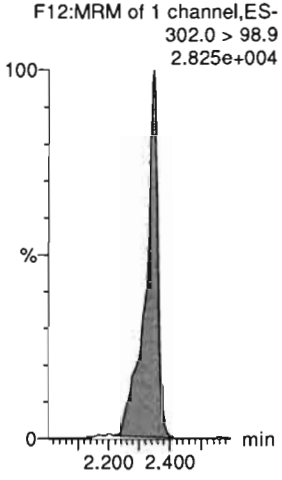

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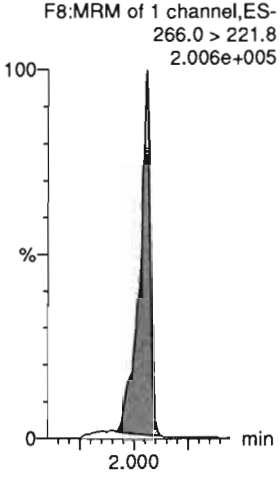

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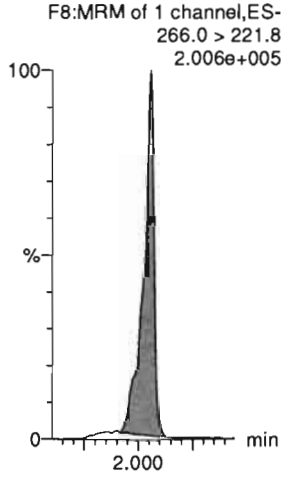

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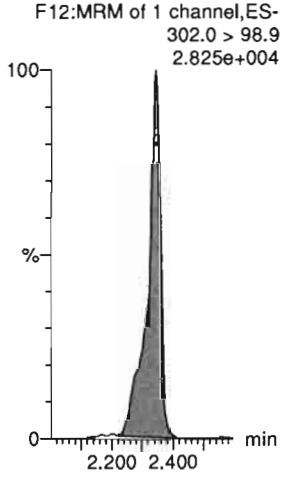
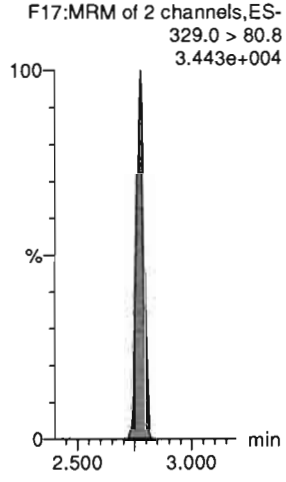


13C2-4:2 FTS-EIS



OPV 6/30/2020

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-88.qld

Last Altered: Tuesday, June 30, 2020 09:45:53 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:47:16 Pacific Daylight Time

Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

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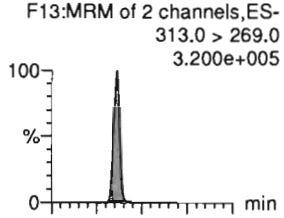

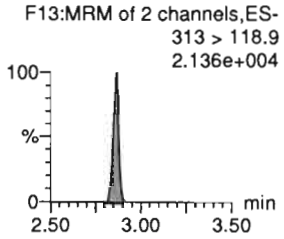

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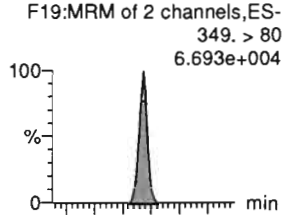
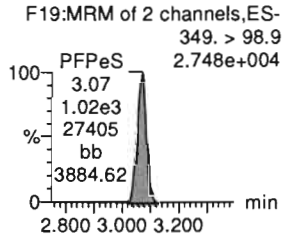
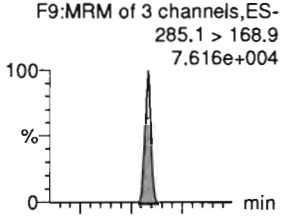
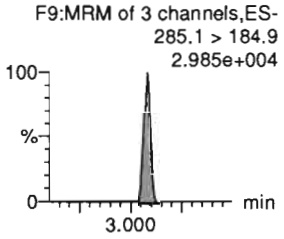


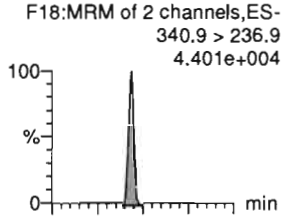


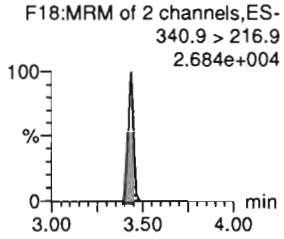
HFPO-DA





5:3 FTCA





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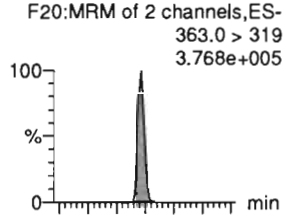

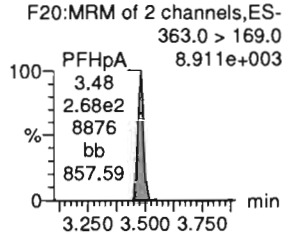

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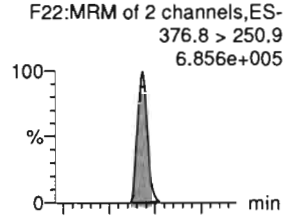

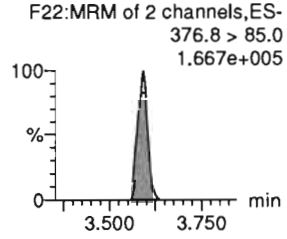

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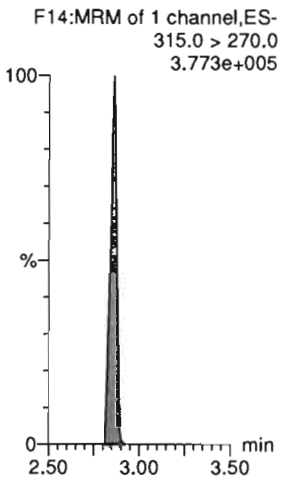

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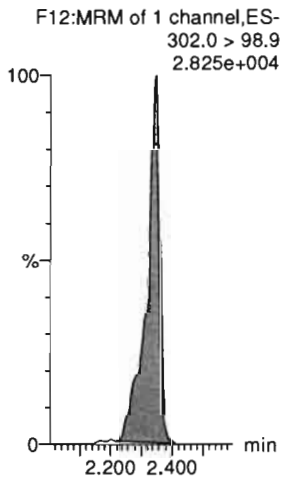
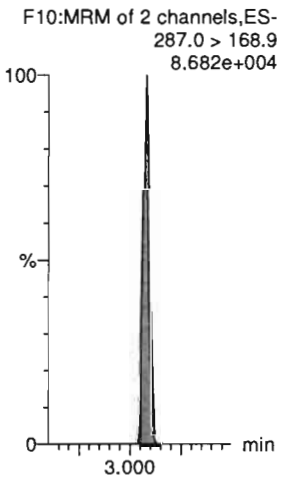


13C3-HFPO-DA-EIS



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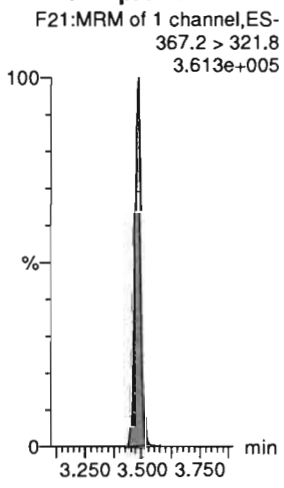

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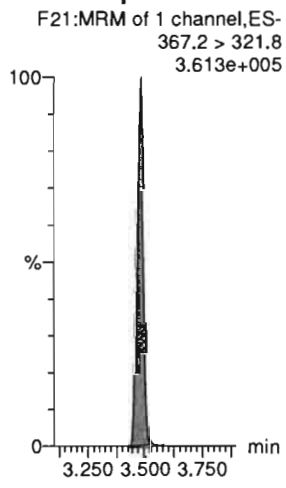

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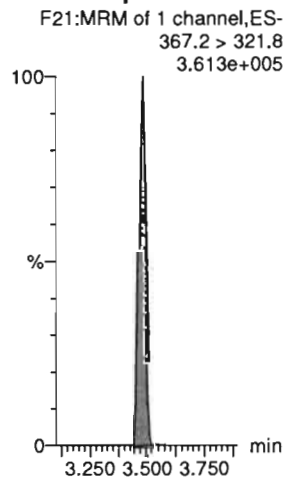

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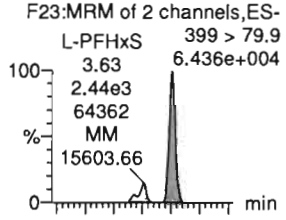
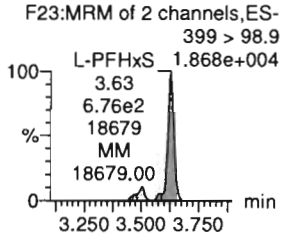
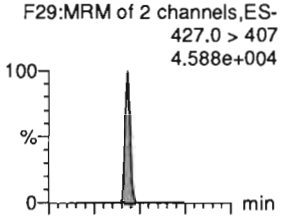
Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

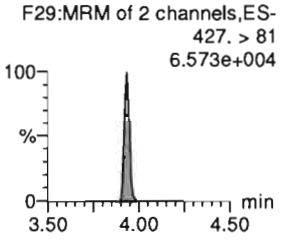
L-PFHxS





6:2 FTS





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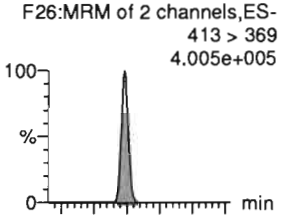

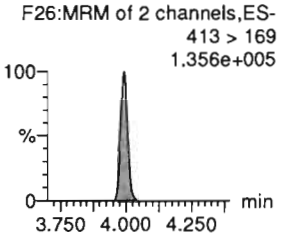

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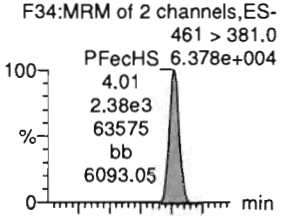

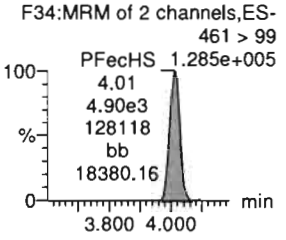

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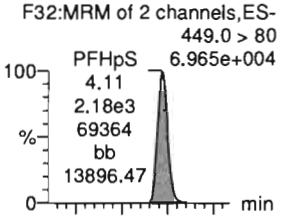
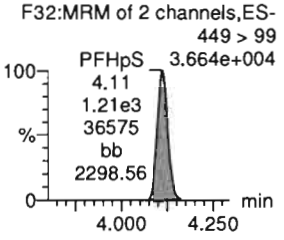
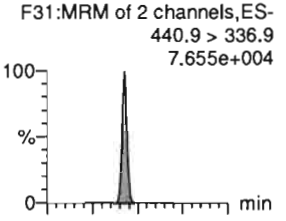
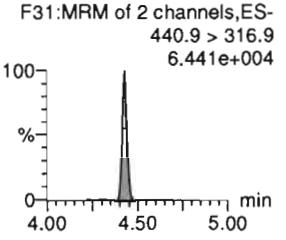


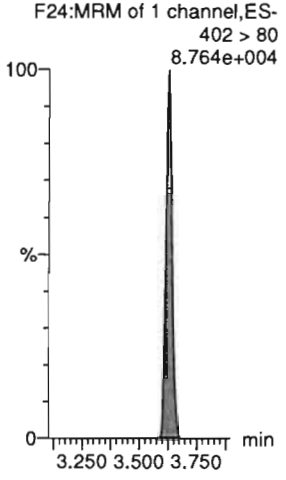


7:3 FTCA

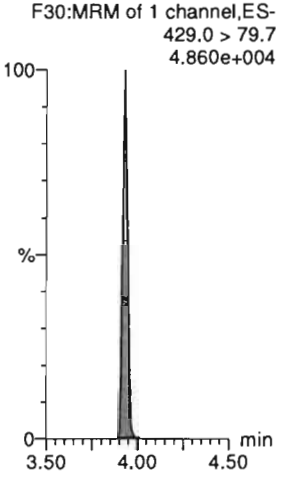




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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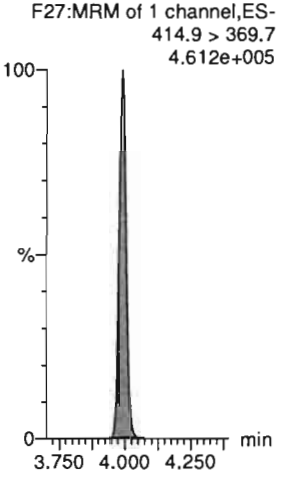

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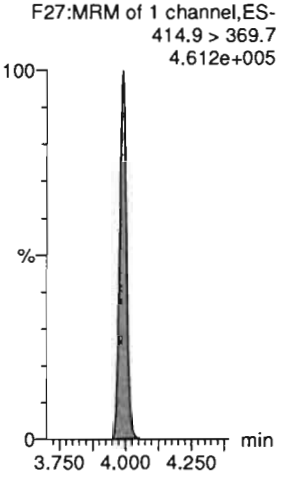
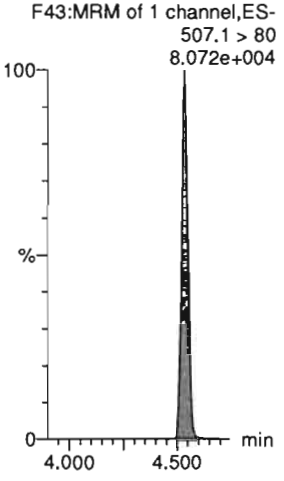
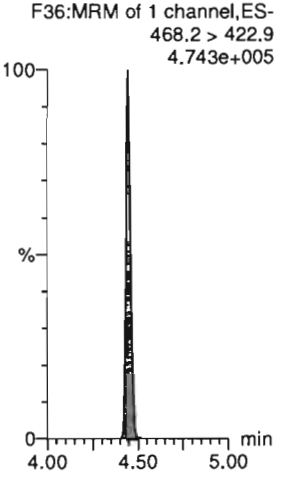


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Tuesday, June 30, 2020 09:47:16 Pacific Daylight Time

Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

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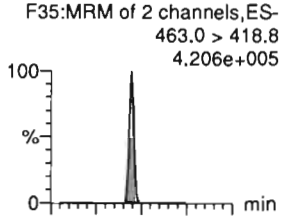

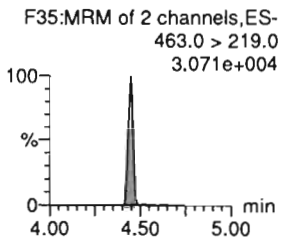

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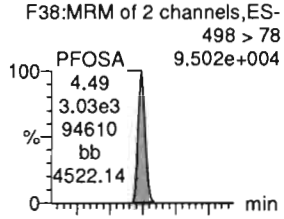
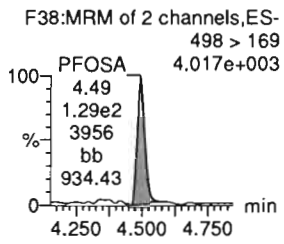
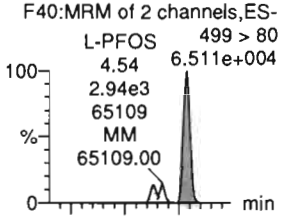
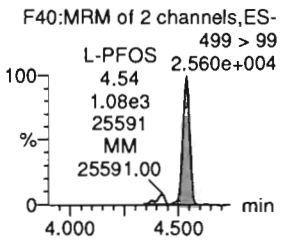




L-PFOS





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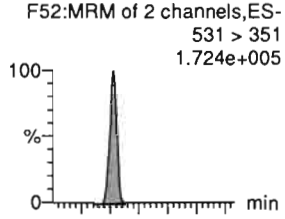

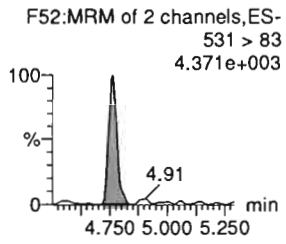

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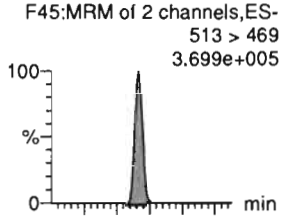
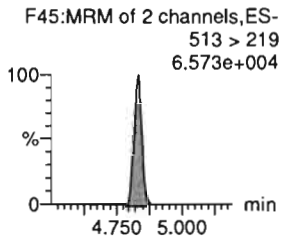
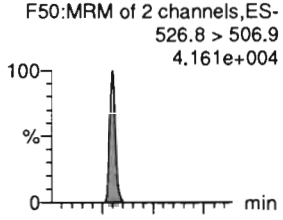
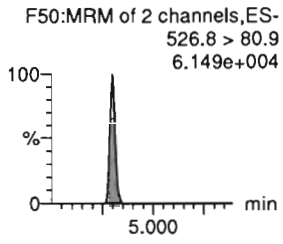


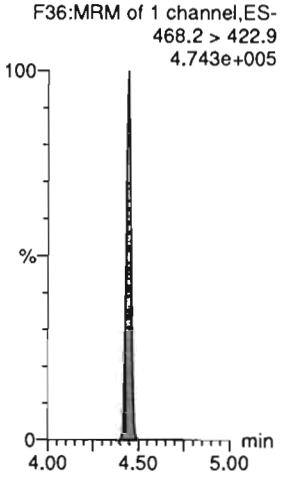


8:2 FTS

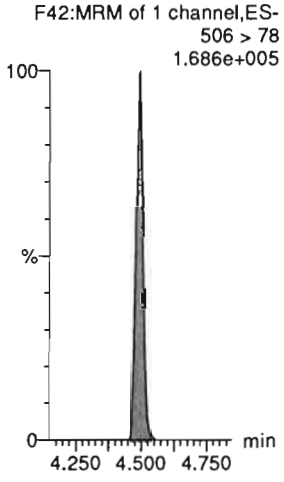




13C5-PFNA-EIS



13C8-PFOSA-EIS



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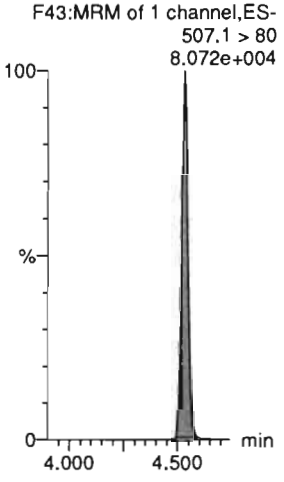

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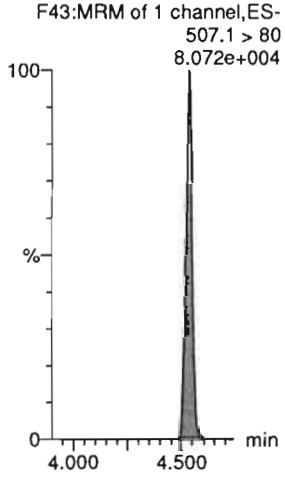

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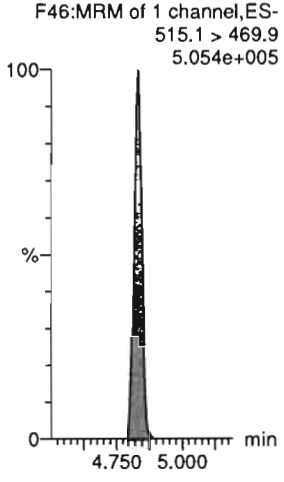

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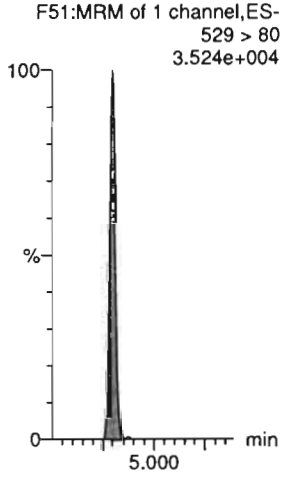

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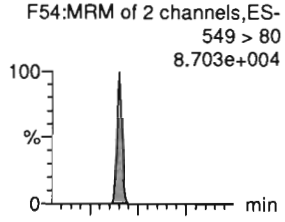
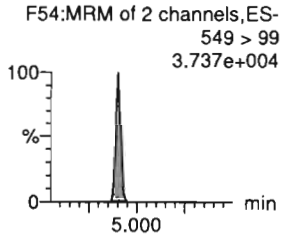
Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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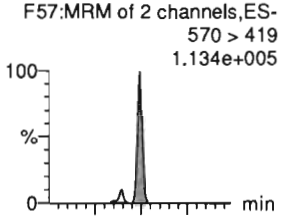

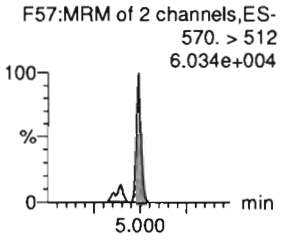

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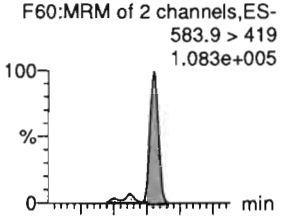

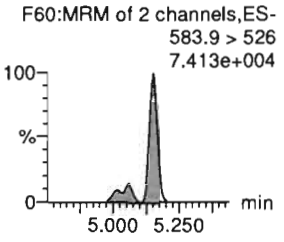

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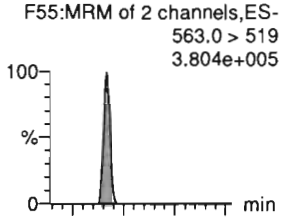

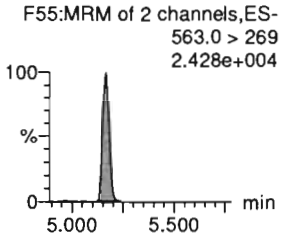

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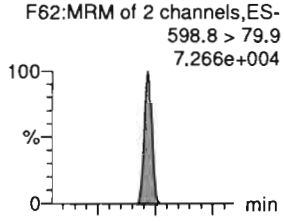

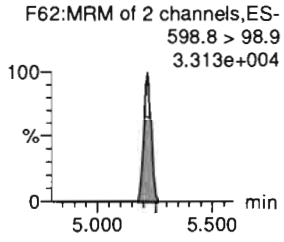

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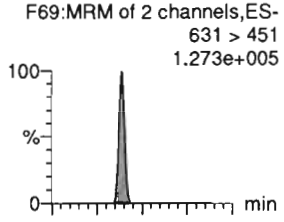
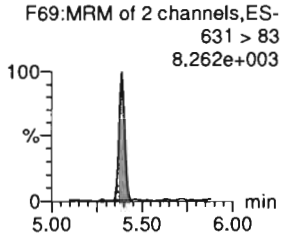
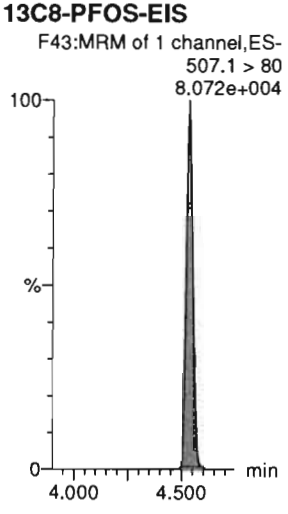
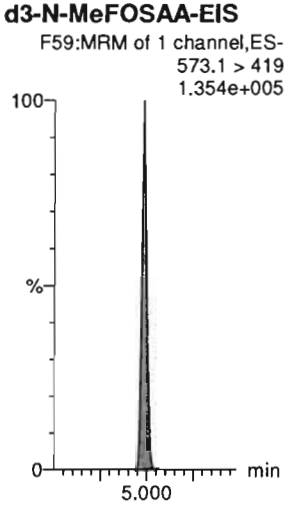




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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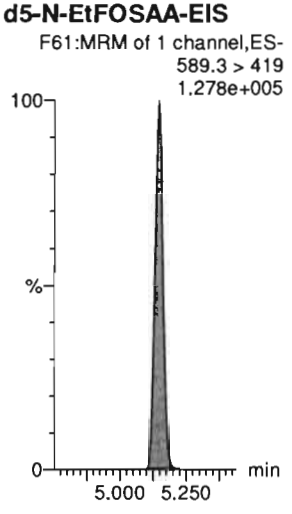

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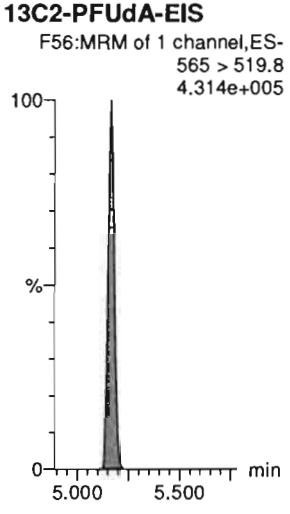

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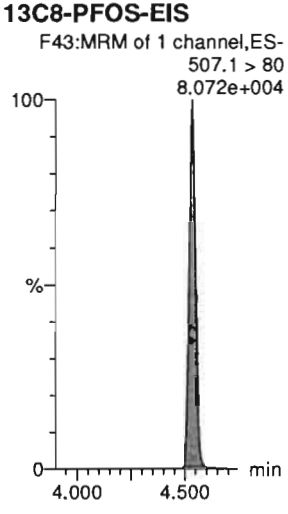

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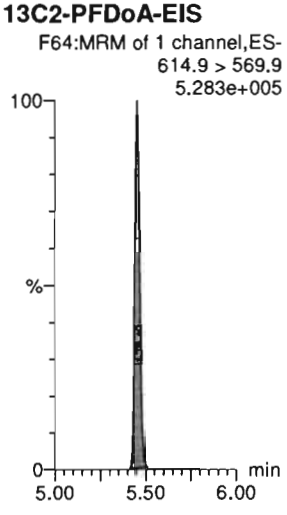

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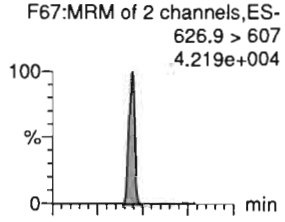
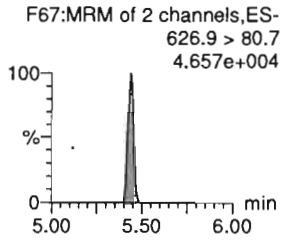
Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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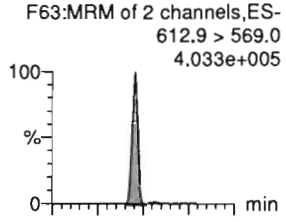

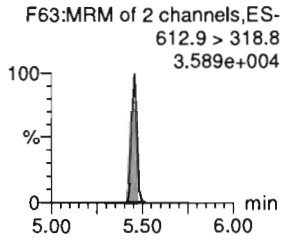

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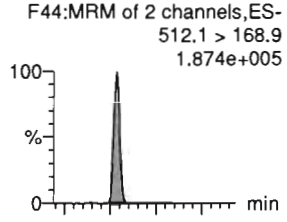

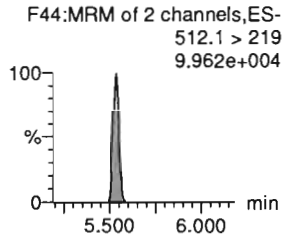

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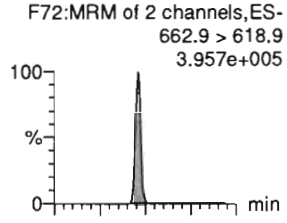

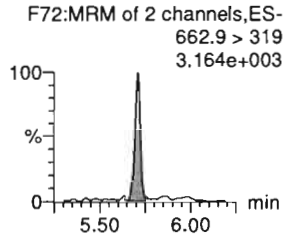

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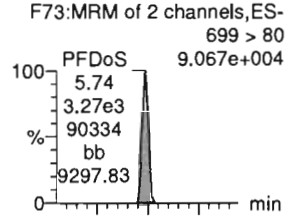

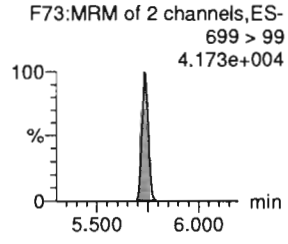

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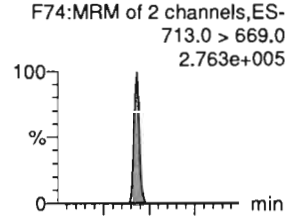

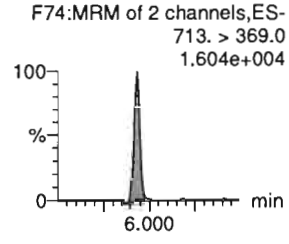

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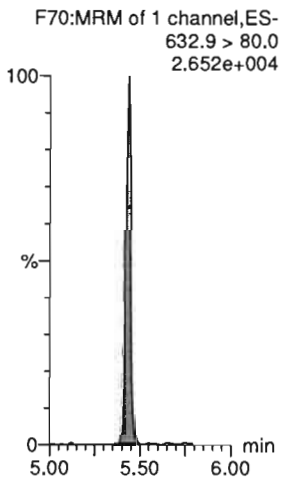

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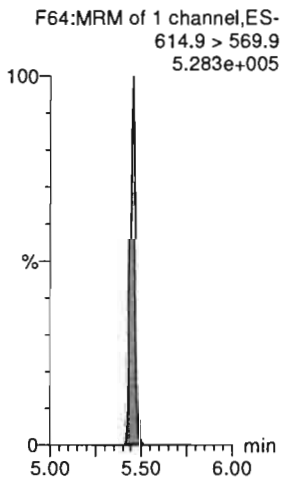
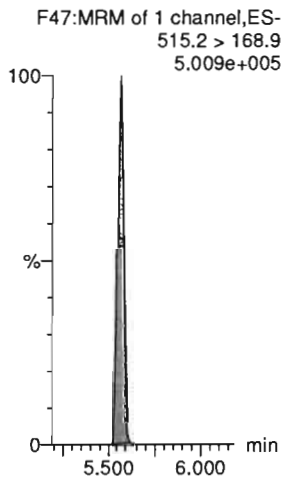
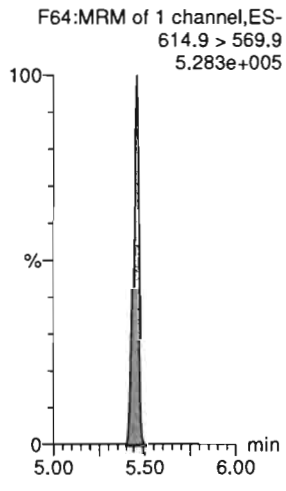


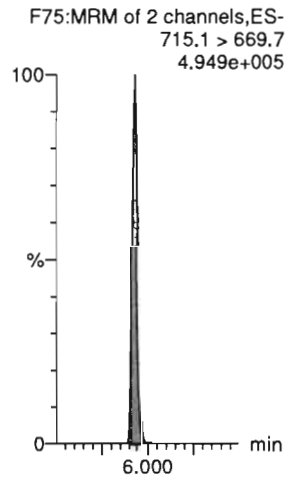
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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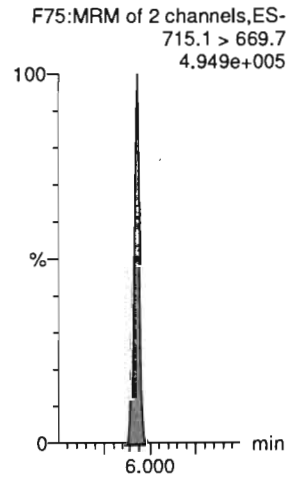

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-88.qld

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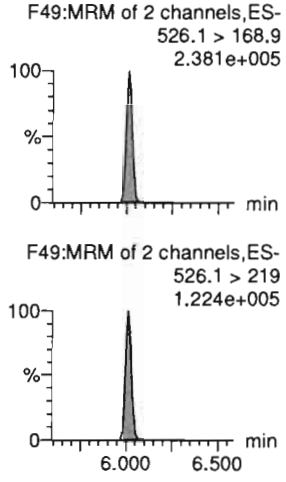
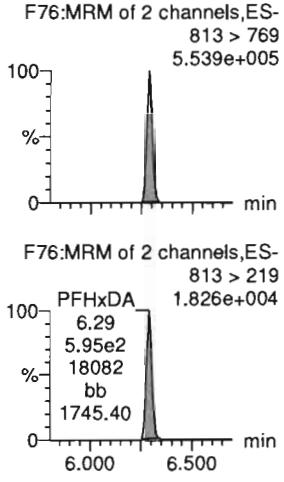
Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

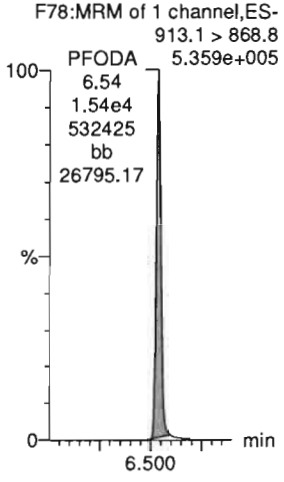
N-EtFOSA



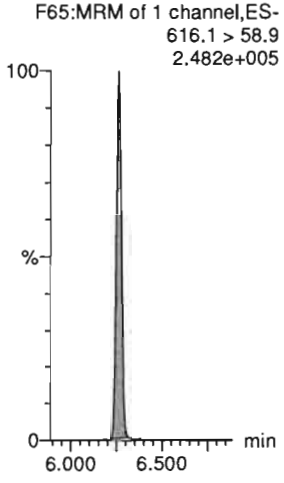
PFHxDA



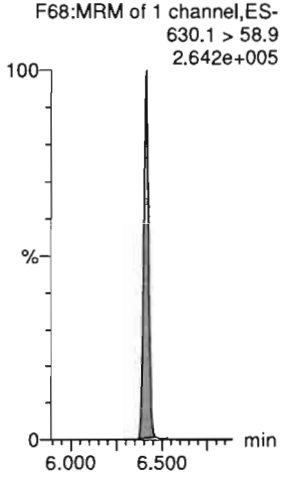
PFODA



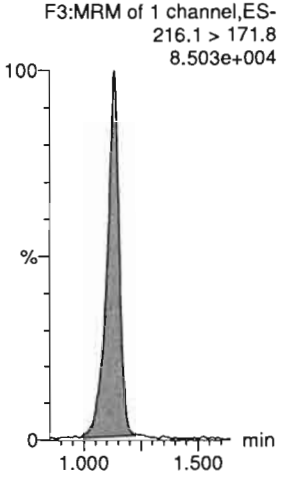
N-MeFOSE



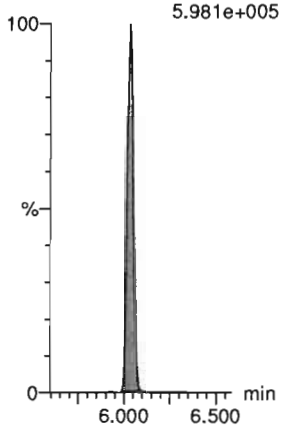
N-EtFOSE



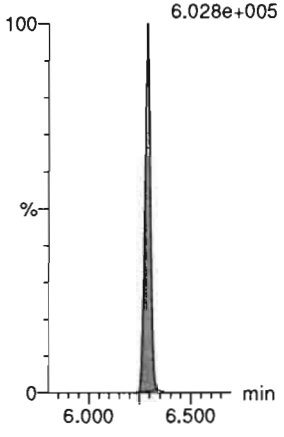
13C3-PFBA-RSD



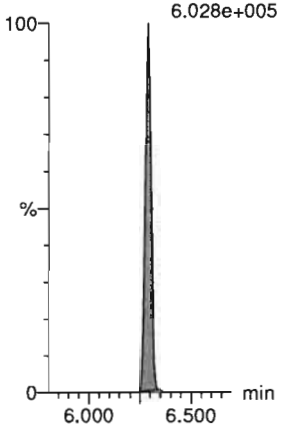
d5-N-ETFOSA-EIS



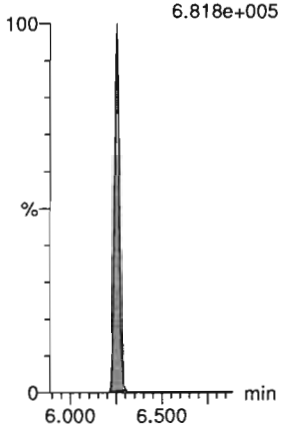
13C2-PFHxDA-EIS



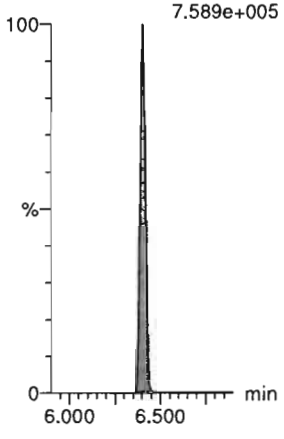
13C2-PFHxDA-EIS



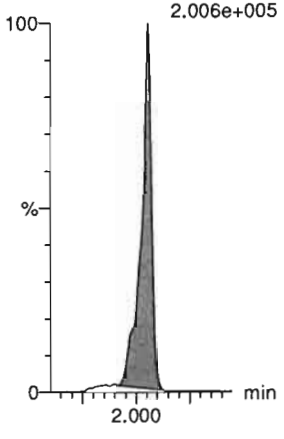
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



OPV 6/30/2020

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-88.qld

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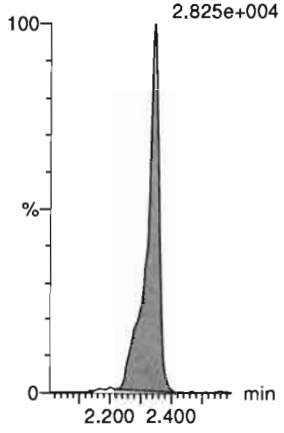
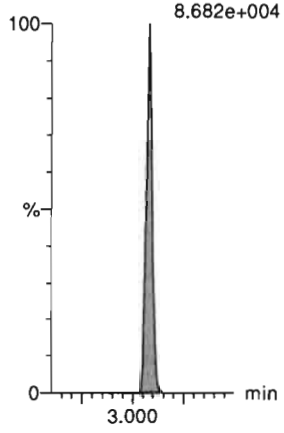
Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

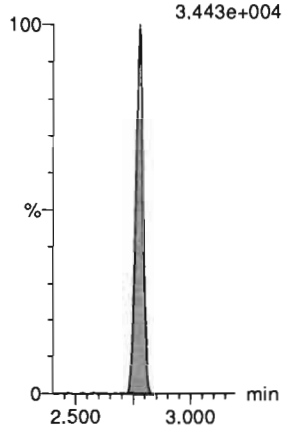
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.825e+004



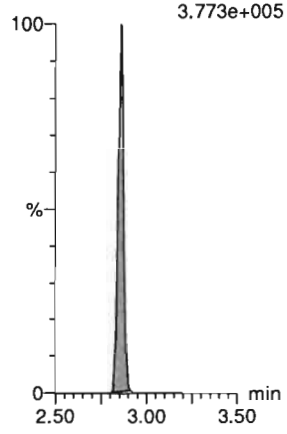
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.682e+004



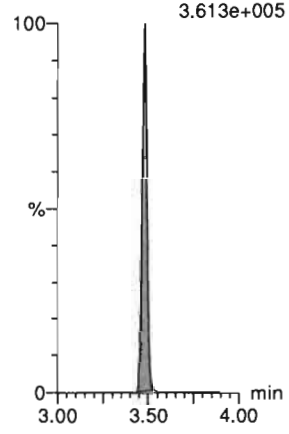
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.443e+004



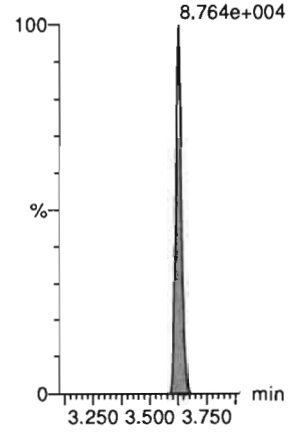
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.773e+005



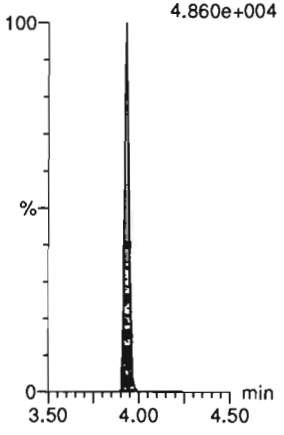
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.613e+005



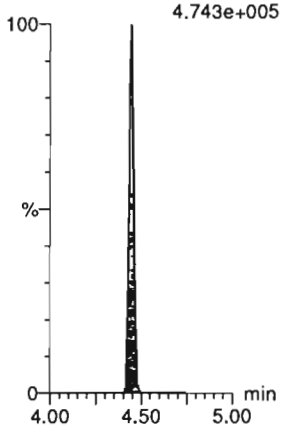
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.764e+004



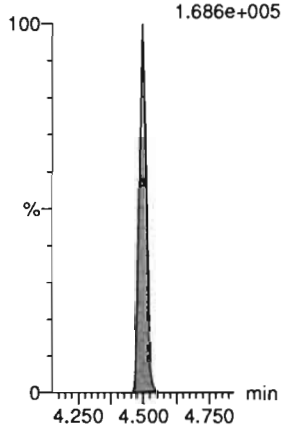
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.860e+004



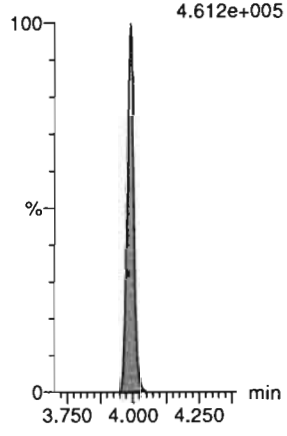
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.743e+005



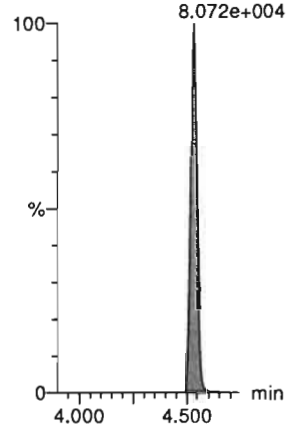
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.686e+005



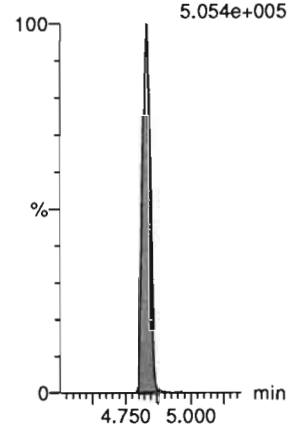
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.612e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.072e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.054e+005



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-88.qld

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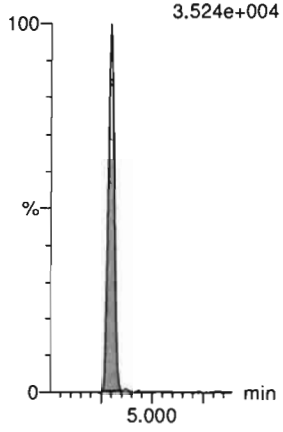
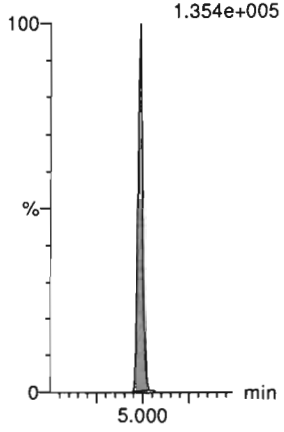
Name: 200629P1-88, Date: 30-Jun-2020, Time: 02:27:53, ID: ST200629P1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

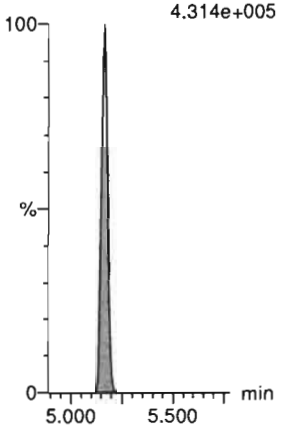
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.524e+004



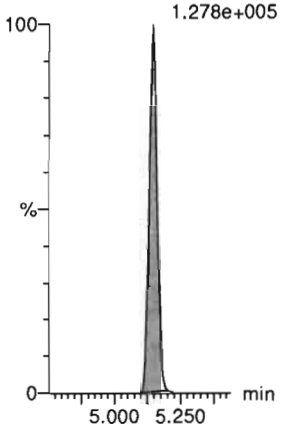
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.354e+005



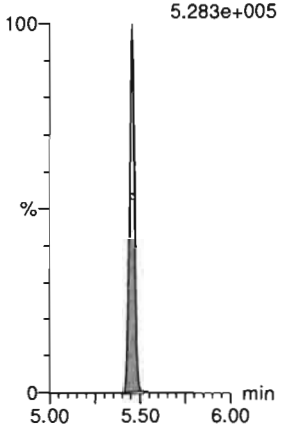
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.314e+005



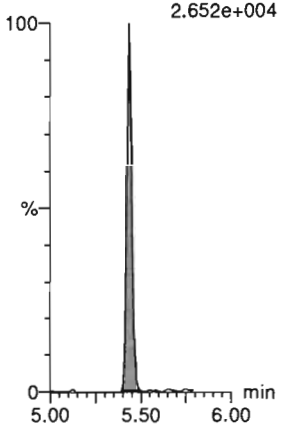
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.278e+005



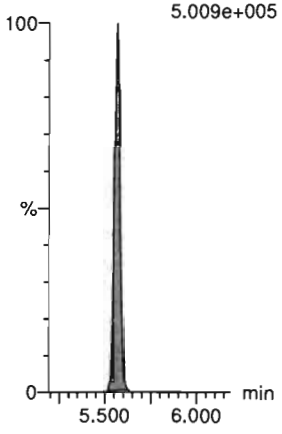
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.283e+005



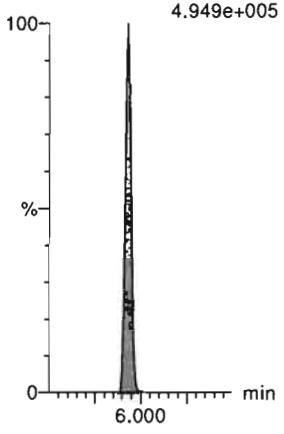
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.652e+004



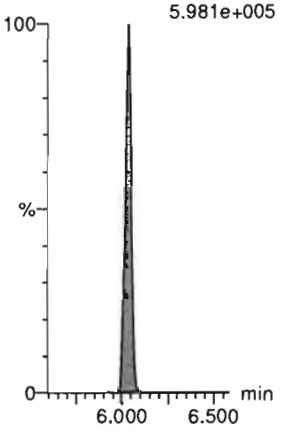
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.009e+005



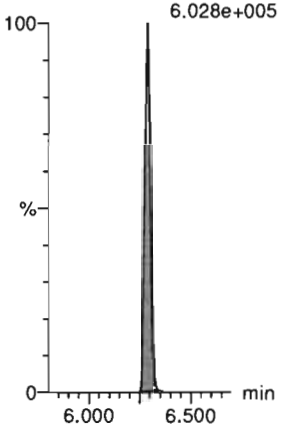
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.949e+005



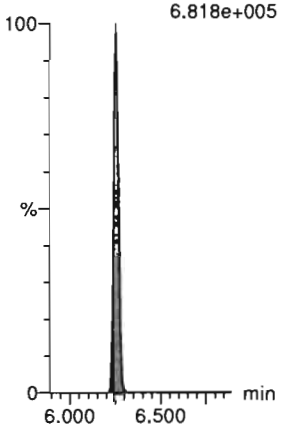
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.981e+005



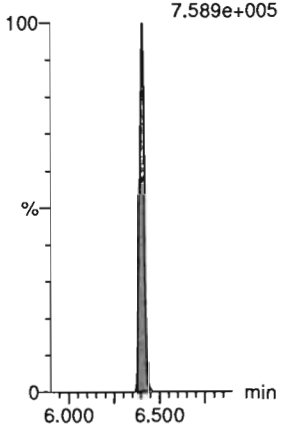
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.028e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.818e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.589e+005



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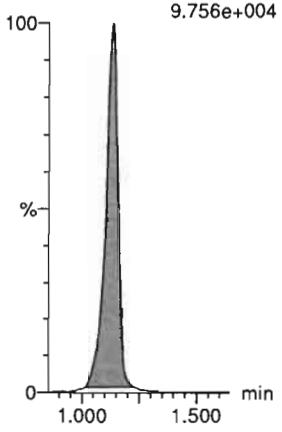
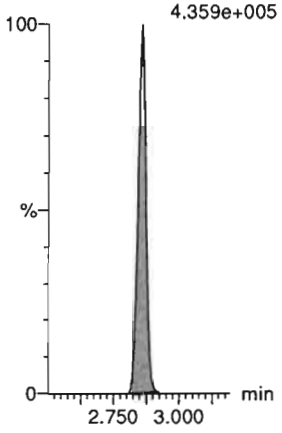
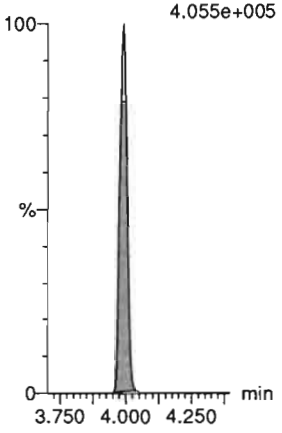
13C4-PFBA



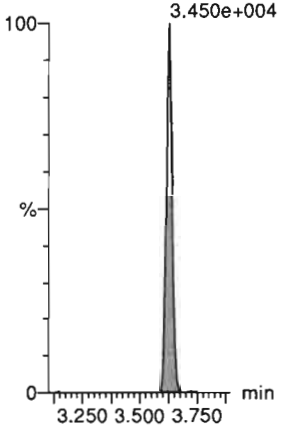
13C5-PFHxA



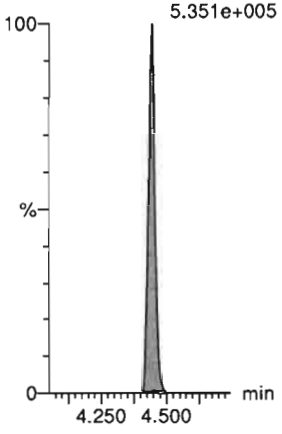
13C8-PFOA



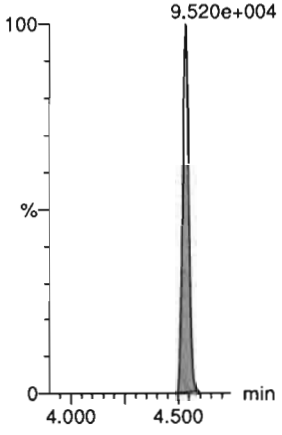
18O2-PFHxS



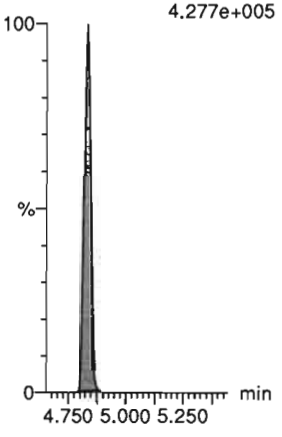
13C9-PFNA



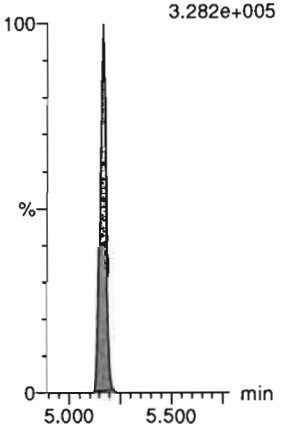
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	5555.642	4514.782	1.00	1.55	15.382	10.000	10.1	101.1	NO		
2	2 PFPrS	248.9 > 79.9	2090.863	1378.315	1.00	1.91	18.962	10.000	10.1	101.2	NO	2.424	NO
3	3 3:3 FTCA	241.1 > 177.0	361.862	5465.567	1.00	2.40	0.828	10.000	10.1	100.6	NO	2.103	NO
4	4 PFPeA	263.1 > 218.9	4111.863	5465.567	1.00	2.55	9.404	10.000	9.96	99.6	NO		
5	5 PFBS	299.0 > 79.7	2334.876	1378.315	1.00	2.83	21.175	10.000	10.6	105.8	NO	2.778	NO
6	6 4:2 FTS	327.0 > 306.9	4871.271	2392.191	1.00	3.27	25.454	10.000	9.55	95.5	NO	1.856	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	4514.782		1.00	1.55	4514.782	12.500	12.2	97.2	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1378.315		1.00	2.83	1378.315	12.500	12.7	101.8	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	5465.567		1.00	2.54	5465.567	12.500	12.4	99.3	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	5465.567		1.00	2.54	5465.567	12.500	12.4	99.3	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1378.315		1.00	2.83	1378.315	12.500	12.7	101.8	NO		
12	55 13C2-4:2 FTS-EIS	329.0 >79.9	2392.191		1.00	3.28	2392.191	12.500	12.6	100.8	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	8724.929	9682.614	1.00	3.36	11.264	10.000	9.89	98.9	NO	15.629	NO
15	8 PFPeS	349.0 > 80.0	2584.918	1378.315	1.00	3.54	23.443	10.000	10.7	106.8	NO	1.686	NO
16	9 HFPO-DA	285.1 > 168.9	711.973	861.734	1.00	3.57	10.328	10.000	11.9	118.8	NO	2.437	NO
17	10 5:3 FTCA	340.9 > 236.9	2032.139	22560.424	1.00	3.90	1.126	10.000	10.0	100.0	NO	1.502	NO
18	11 PFHpA	363.0 > 318.9	5474.338	5544.200	1.00	3.96	12.342	10.000	9.94	99.4	NO	7.553	NO
19	12 ADONA	376.8 > 250.9	23917.293	5544.200	1.00	4.07	53.924	10.000	9.84	98.4	NO	3.412	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	9682.614		1.00	3.36	9682.614	12.500	12.5	99.9	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1378.315		1.00	2.83	1378.315	12.500	12.7	101.8	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	861.734		1.00	3.57	861.734	12.500	12.2	97.2	NO		
23	71 13C2-FOUEA-EIS	459>394	22560.424		1.00	4.98	22560.424	12.500	12.3	98.3	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	5544.200		1.00	3.96	5544.200	12.500	12.3	98.6	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	5544.200		1.00	3.96	5544.200	12.500	12.3	98.6	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	2652.037	3239.252	1.00	4.11	10.234	10.000	9.68	96.8	NO	1.571	NO
28	15 6:2 FTS	427 > 407.0	4447.686	2055.391	1.00	4.42	27.049	10.000	9.15	91.5	NO	2.082	NO
29	16 L-PFOA	412.8 > 368.9	16208.694	12756.338	1.00	4.48	15.883	10.000	10.2	102.3	NO	3.997	NO
30	18 PFecHS	460.8 > 381.0	4851.439	12756.338	1.00	4.49	4.754	10.000	9.74	97.4	NO	0.942	NO
31	19 PFHpS	448.9 > 80.0	2800.833	3515.519	1.00	4.58	9.959	10.000	11.1	110.6	NO	1.833	NO
32	20 7:3 FTCA	441.0 > 337.0	4719.664	22560.424	1.00	4.90	2.615	10.000	10.6	106.3	NO	1.453	NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3239.252		1.00	4.10	3239.252	12.500	12.8	102.1	NO		
34	63 13C2-6:2 FTS-EIS	429.0 >79.9	2055.391		1.00	4.42	2055.391	12.500	18.2	145.8	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	12756.338		1.00	4.48	12756.338	12.500	12.4	98.8	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	12756.338		1.00	4.48	12756.338	12.500	12.4	98.8	NO		

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Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3515.519		1.00	4.99	3515.519	12.500	13.9	111.0	NO		
38	71	13C2-FOUEA-EIS	459>394	22560.424		1.00	4.98	22560.424	12.500	12.3	98.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	11015.494	9803.858	1.00	4.91	14.045	10.000	9.77	97.7	NO	3.501	NO
41	22	PFOSA	498.0 > 78.0	5039.508	6360.186	1.00	4.96	9.904	10.000	10.8	108.4	NO	28.825	NO
42	23	L-PFOS	499 > 80	2754.467	3515.519	1.00	4.99	9.794	10.000	9.94	99.4	NO	2.098	NO
43	25	9Cl-PF30NS	531 > 351.0	10046.807	3515.519	1.00	5.21	35.723	10.000	9.58	95.8	NO	18.984	NO
44	26	PFDA	513 > 468.8	13973.894	10134.427	1.00	5.28	17.236	10.000	10.5	104.7	NO	5.281	NO
45	27	8:2 FTS	526.9 > 507.0	4202.673	2377.967	1.00	5.26	22.092	10.000	9.32	93.2	NO	1.562	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	9803.858		1.00	4.91	9803.858	12.500	12.6	100.5	NO		
47	67	13C8-PFOSA-EIS	506. > 78	6360.186		1.00	4.95	6360.186	12.500	12.3	98.1	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3515.519		1.00	4.99	3515.519	12.500	13.9	111.0	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3515.519		1.00	4.99	3515.519	12.500	13.9	111.0	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	10134.427		1.00	5.28	10134.427	12.500	11.7	93.9	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2377.967		1.00	5.25	2377.967	12.500	11.9	94.8	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	3087.818	3515.519	1.00	5.34	10.979	10.000	9.99	99.9	NO	1.601	NO
54	29	L-MeFOSAA	570 > 419	6765.662	10036.210	1.00	5.43	8.427	10.000	9.87	98.7	NO	2.934	NO
55	31	L-EtFOSAA	583.9 > 419	7522.689	8765.300	1.00	5.59	10.728	10.000	10.0	100.5	NO	1.499	NO
56	33	PFUdA	563.0 > 518.9	13045.785	17614.969	1.00	5.60	9.258	10.000	10.3	102.8	NO	7.342	NO
57	34	PFDS	599.0 > 80.0	2412.939	3515.519	1.00	5.65	8.580	10.000	10.1	100.8	NO	1.472	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	9546.374	21645.922	1.00	5.81	5.513	10.000	8.42	84.2	NO	19.085	NO
59	73	13C8-PFOS-EIS	507.0 > 80	3515.519		1.00	4.99	3515.519	12.500	13.9	111.0	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	10036.210		1.00	5.43	10036.210	12.500	13.0	103.9	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	8765.300		1.00	5.59	8765.300	12.500	12.9	103.0	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	17614.969		1.00	5.61	17614.969	12.500	12.5	100.2	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3515.519		1.00	4.99	3515.519	12.500	13.9	111.0	NO		
64	85	13C2-PFDoA-EIS	615 > 570	21645.922		1.00	5.88	21645.922	12.500	13.4	106.9	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	4366.664	1791.207	1.00	5.87	30.473	10.000	9.73	97.3	NO	1.465	NO
67	37	PFDoA	612.9 > 569.0	14937.897	21645.922	1.00	5.88	8.626	10.000	8.03	80.3	NO	6.800	NO
68	38	N-MeFOSA	512.1 > 168.9	4472.177	13249.482	1.00	5.76	50.360	50.000	44.2	88.4	NO	1.259	NO
69	39	PFTrDA	662.9 > 618.9	15287.352	21645.922	1.00	6.12	8.828	10.000	8.40	84.0	NO	8.617	NO
70	40	PFDoS	698.9 > 80	3148.292	12734.344	1.00	6.14	3.090	10.000	10.6	106.3	NO	1.796	NO
71	41	PFTeDA	713.0 > 669.0	15431.660	12734.344	1.00	6.32	15.148	10.000	10.3	102.7	NO	13.210	NO
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1791.207		1.00	5.87	1791.207	12.500	11.8	94.6	NO		

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Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	21645.922		1.00	5.88	21645.922	12.500	13.4	106.9	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	13249.482		1.00	5.78	13249.482	149.200	157	104.9	NO		
75	85 13C2-PFDoA-EIS	615 > 570	21645.922		1.00	5.88	21645.922	12.500	13.4	106.9	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	12734.344		1.00	6.32	12734.344	12.500	11.8	94.2	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	12734.344		1.00	6.32	12734.344	12.500	11.8	94.2	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	5012.322	17800.490	1.00	6.15	42.012	50.000	48.9	97.9	NO	1.607	NO
80	43 PFHxDA	813.1 > 768.6	10084.298	19292.404	1.00	6.61	6.534	10.000	10.4	103.7	NO	22.093	NO
81	44 PFODA	913.1 > 868.8	12723.313	19292.404	1.00	6.83	8.244	10.000	10.5	105.3	NO		
82	45 N-MeFOSE	616.1 > 58.9	3334.169	10216.979	1.00	6.33	48.689	50.000	51.6	103.2	NO		
83	46 N-EtFOSE	630.1 > 58.9	3973.693	10850.442	1.00	6.48	54.641	50.000	47.3	94.5	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4514.782	6697.776	1.00	1.55	8.426	12.500	12.6	100.7	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	17800.490		1.00	6.16	17800.490	149.200	148	99.1	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	19292.404		1.00	6.61	19292.404	12.500	12.6	101.0	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	19292.404		1.00	6.61	19292.404	12.500	12.6	101.0	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	10216.979		1.00	6.32	10216.979	149.200	144	96.4	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	10850.442		1.00	6.46	10850.442	149.200	146	97.9	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	5458.666	12405.981	1.00	2.54	5.500	12.500	11.9	95.3	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1378.315	1902.266	1.00	2.83	9.057	12.500	11.7	93.8	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	861.734	12405.981	1.00	3.57	0.868	12.500	11.0	88.1	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	2392.191	1902.266	1.00	3.28	15.719	12.500	12.7	101.5	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	9673.720	12405.981	1.00	3.36	9.747	12.500	12.1	96.7	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	5544.200	12405.981	1.00	3.96	5.586	12.500	12.0	96.0	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3239.252	1902.266	1.00	4.10	21.285	12.500	12.0	95.8	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	2056.393	3557.254	1.00	4.42	7.226	12.500	13.9	110.9	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	9803.858	10993.465	1.00	4.91	11.147	12.500	12.6	100.5	NO		
100	68 13C8-PFOSA-RSD	506. > 78	6360.186	20458.799	1.00	4.95	3.886	12.500	13.8	110.0	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	12792.302	20653.631	1.00	4.48	7.742	12.500	12.5	99.9	NO		
102	72 13C2-FOUEA-RSD	459>394	22560.424	20653.631	1.00	4.98	13.654	12.500	12.6	100.8	NO		
103	74 13C8-PFOS-RSD	507.0 > 80	3515.519	3557.254	1.00	4.99	12.353	12.500	12.1	96.6	NO		
104	-1												
105	76 13C2-PFDA-RSD	515.1 > 469.9	10138.884	15359.212	1.00	5.28	8.251	12.500	11.0	88.3	NO		
106	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2383.923	3557.254	1.00	5.25	8.377	12.500	13.3	106.3	NO		
107	80 d3-N-MeFOSAA-RSD	573. > 419	10036.210	20458.799	1.00	5.43	6.132	12.500	12.5	99.7	NO		
108	82 13C2-PFUdA-RSD	565 > 519.8	17629.789	20458.799	1.00	5.61	10.772	12.500	12.3	98.1	NO		

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Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84 d5-N-EtFOSAA-RSD	589. > 419	8765.450	20458.799	1.00	5.59	5.356	12.500	13.0	103.9	NO		
110	86 13C2-PFDoA-RSD	615 > 570	21645.922	15359.212	1.00	5.88	17.616	12.500	13.1	104.6	NO		
111	88 13C2-10:2 FTS-RSD	633 > 79.9	1791.207	3557.254	1.00	5.87	6.294	12.500	12.6	101.2	NO		
112	90 d3-N-MeFOSA-RSD	515.2 > 168.9	13249.482	20458.799	1.00	5.78	8.095	149.200	161	108.1	NO		
113	92 13C2-PFTeDA-RSD	715.1 > 669.7	12734.344	20458.799	1.00	6.32	7.780	12.500	11.8	94.5	NO		
114	94 d5-N-ETFOSA-RSD	531.1 > 168.9	17797.127	20458.799	1.00	6.16	10.874	149.200	160	107.5	NO		
115	96 13C2-PFHxDA-RSD	815 > 769.7	19334.236	20458.799	1.00	6.61	11.813	12.500	12.4	99.3	NO		
116	98 d7-N-MeFOSE-RSD	623.1 > 58.9	10363.212	20458.799	1.00	6.32	6.332	149.200	159	106.7	NO		
117	-1												
118	1... d9-N-EtFOSE-RSD	639.2 > 58.8	10848.715	20458.799	1.00	6.46	6.628	149.200	154	103.2	NO		
119	1... 13C4-PFBA	217.0 > 172.0	6697.776	6697.776	1.00	1.55	12.500	12.500	12.5	100.0	NO		
120	1... 13C5-PFHxA	318.0 > 272.9	12405.981	12405.981	1.00	3.36	12.500	12.500	12.5	100.0	NO		
121	1... 13C8-PFOA	420.9 > 376.0	20653.631	20653.631	1.00	4.48	12.500	12.500	12.5	100.0	NO		
122	1... 18O2-PFHxS	403.0 > 103.0	1902.266	1902.266	1.00	4.11	12.500	12.500	12.5	100.0	NO		
123	1... 13C9-PFNA	472.2 > 426.9	10993.465	10993.465	1.00	4.91	12.500	12.500	12.5	100.0	NO		
124	1... 13C4-PFOS	503 > 80.0	3557.254	3557.254	1.00	4.99	12.500	12.500	12.5	100.0	NO		
125	1... 13C6-PFDA	519.1 > 473.7	15359.212	15359.212	1.00	5.28	12.500	12.500	12.5	100.0	NO		
126	1... 13C7-PFUdA	570.1 > 524.8	20458.799	20458.799	1.00	5.61	12.500	12.500	12.5	100.0	NO		

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Printed: Wednesday, July 01, 2020 13:36:12 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: PFBA

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3	3 200630M1_3	ST200630M1-1 PFC CS-2 20F1901	30-Jun-20	15:44:08
4	4 200630M1_4	ST200630M1-2 PFC CS-1 20F1902	30-Jun-20	15:54:31
5	5 200630M1_5	ST200630M1-3 PFC CS0 20F1903	30-Jun-20	16:04:53
6	6 200630M1_6	ST200630M1-4 PFC CS1 20F1904	30-Jun-20	16:15:15
7	7 200630M1_7	ST200630M1-5 PFC CS2 20F1905	30-Jun-20	16:25:40
8	8 200630M1_8	ST200630M1-6 PFC CS3 20F1906	30-Jun-20	16:36:04
9	9 200630M1_9	ST200630M1-7 PFC CS4 20F1907	30-Jun-20	16:46:29
10	10 200630M1_10	ST200630M1-8 PFC CS5 20F1908	30-Jun-20	16:56:53
11	11 200630M1_11	ST200630M1-9 PFC CS6 20F1909	30-Jun-20	17:07:19
12	12 200630M1_12	ST200630M1-10 PFC CS7 20F1910	30-Jun-20	17:17:41
13	13 200630M1_13	IB	30-Jun-20	17:28:03
14	14 200630M1_14	ICV200630M1-1 PFC ICV 20F1911	30-Jun-20	17:38:26
15	15 200630M1_15	IB	30-Jun-20	17:48:48
16	16 200630M1_16	B0F0097-BS1 OPR 0.25	30-Jun-20	17:59:10
17	17 200630M1_17	2001239-02 EB060420 0.125	30-Jun-20	18:09:32
18	18 200630M1_18	2001239-05 WT05 0.125	30-Jun-20	18:19:55
19	19 200630M1_19	2001234-01 3303 Hecker 0.125	30-Jun-20	18:30:19
20	20 200630M1_20	2001234-03 3609 Hecker 0.125	30-Jun-20	18:40:43
21	21 200630M1_21	2001234-05 3817 Viebahn 0.125	30-Jun-20	18:51:09
22	22 200630M1_22	2001234-06 3625 Hecker 0.125	30-Jun-20	19:01:34
23	23 200630M1_23	2001234-09 3720 Hecker 0.125	30-Jun-20	19:11:58
24	24 200630M1_24	2001333-03 SMW01B-20Q2 0.25048	30-Jun-20	19:22:23
25	25 200630M1_25	2001333-04 SMW11B1-20Q2 0.25132	30-Jun-20	19:32:47
26	26 200630M1_26	2001333-05 SMW11A-20Q2 0.24435	30-Jun-20	19:43:13
27	27 200630M1_27	2001333-06 SMW17A-20Q2 0.23637	30-Jun-20	19:53:35
28	28 200630M1_28	IB	30-Jun-20	20:03:57
29	29 200630M1_29	ST200630M1-11 PFC CS3 20F1906	30-Jun-20	20:14:20
30	30 200630M1_30	2001333-07 SMW17B1-20Q2 0.24478	30-Jun-20	20:24:42
31	31 200630M1_31	2001333-08 SMW16A-20Q2 0.25013	30-Jun-20	20:35:04
32	32 200630M1_32	2001333-09 SMW15A-20Q2 0.25798	30-Jun-20	20:45:26

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, July 01, 2020 13:35:42 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:36:12 Pacific Daylight Time

Compound name: PFBA

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34	34 200630M1_34	2001333-11 SMW06A-20Q2 0.24088	30-Jun-20	21:06:14
35	35 200630M1_35	2001333-12 SMW06B-20Q2 0.24647	30-Jun-20	21:16:39
36	36 200630M1_36	2001333-13 SMW12A-20Q2 0.24293	30-Jun-20	21:27:04
37	37 200630M1_37	2001333-14 SMW12B1-20Q2 0.2426	30-Jun-20	21:37:29
38	38 200630M1_38	2001333-15 SMW10A-20Q2 0.24929	30-Jun-20	21:47:54
39	39 200630M1_39	2001333-16 SMW10B1-20Q2 0.24423	30-Jun-20	21:58:19
40	40 200630M1_40	IB	30-Jun-20	22:08:45
41	41 200630M1_41	ST200630M1-12 PFC CS3 20F1906	30-Jun-20	22:19:07
42	42 200630M1_42	2001333-17 SMW10B1-20Q2-D 0.24803	30-Jun-20	22:29:29
43	43 200630M1_43	2001333-18 SMW13A-20Q2 0.25102	30-Jun-20	22:39:51
44	44 200630M1_44	2001333-19 SMW13A-20Q2-D 0.25559	30-Jun-20	22:50:14
45	45 200630M1_45	2001333-20 SMW13B1-20Q2 0.24699	30-Jun-20	23:00:36
46	46 200630M1_46	B0F0276-BLK1 Method Blank 0.125	30-Jun-20	23:10:58
47	47 200630M1_47	B0F0276-BS1 OPR 0.125	30-Jun-20	23:21:20
48	48 200630M1_48	2001238-01RE1 PZ30 0.11294	30-Jun-20	23:31:42
49	49 200630M1_49	2001238-02RE1 PZ30A 0.11302	30-Jun-20	23:42:04
50	50 200630M1_50	2001238-03RE1 PZ31 0.11522	30-Jun-20	23:52:27
51	51 200630M1_51	2001238-04RE1 PZ32 0.11728	01-Jul-20	00:02:49
52	52 200630M1_52	2001238-05RE1 PZ32A 0.11578	01-Jul-20	00:13:11
53	53 200630M1_53	2001238-06RE1 PZ33 0.11573	01-Jul-20	00:23:33
54	54 200630M1_54	IB	01-Jul-20	00:33:56
55	55 200630M1_55	ST200630M1-13 PFC CS3 20F1906	01-Jul-20	00:44:18
56	56 200630M1_56	2001238-07RE1 PZ33A 0.11958	01-Jul-20	00:54:40
57	57 200630M1_57	2001238-08RE1 PZ01 0.11816	01-Jul-20	01:05:02
58	58 200630M1_58	2001238-09RE1 PZ03 0.11983	01-Jul-20	01:15:25
59	59 200630M1_59	2001238-10RE1 FB060820 0.11704	01-Jul-20	01:25:47
60	60 200630M1_60	2001266-01RE1 3911 Blackhawk 0.11925	01-Jul-20	01:36:09
61	61 200630M1_61	2001266-02RE1 3533 CTH CR 0.11844	01-Jul-20	01:46:31
62	62 200630M1_62	2001266-03RE1 3121 Hecker 0.12248	01-Jul-20	01:56:54
63	63 200630M1_63	2001266-04RE1 4219 Viebahn 0.11901	01-Jul-20	02:07:16
64	64 200630M1_64	B0F0168-BLK1 Method Blank 1	01-Jul-20	02:17:38
65	65 200630M1_65	B0F0168-BS1 OPR 1	01-Jul-20	02:28:00
66	66 200630M1_66	2001257-01 AOI3SB20428A-200609 1.2	01-Jul-20	02:38:23
67	67 200630M1_67	2001257-02 AOI3SB20429A-200609 1.36	01-Jul-20	02:48:44
68	68 200630M1_68	2001257-03 AOI3SB20430A-200609 1.8	01-Jul-20	02:59:07

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, July 01, 2020 13:35:42 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:36:12 Pacific Daylight Time

Compound name: PFBA

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71	71 200630M1_71	2001257-04 AOI3SB20431A-200610 8.37	01-Jul-20	03:30:14
72	72 200630M1_72	2001257-05 AOI3SB20432A-200610 1.94	01-Jul-20	03:40:36
73	73 200630M1_73	2001257-06 AOI3SB20433A-200610 4.28	01-Jul-20	03:50:58
74	74 200630M1_74	2001257-08 DUP-AOI3-SB-04-200609 1.19	01-Jul-20	04:01:20
75	75 200630M1_75	B0F0145-BLK1 Method Blank 0.125	01-Jul-20	04:11:42
76	76 200630M1_76	B0F0145-BS1 OPR 0.125	01-Jul-20	04:22:05
77	77 200630M1_77	2001271-01 GW-MW-4 0.11004	01-Jul-20	04:32:27
78	78 200630M1_78	2001271-02 GW-MW-4-DUP 0.11187	01-Jul-20	04:42:49
79	79 200630M1_79	2001271-03 GW-FPC-9B 0.11267	01-Jul-20	04:53:11
80	80 200630M1_80	2001271-04 GW-FPC-3C 0.11161	01-Jul-20	05:03:34
81	81 200630M1_81	2001271-05 GW-FPC-3A 0.10799	01-Jul-20	05:13:56
82	82 200630M1_82	2001271-06 GW-FPC-3B 0.11341	01-Jul-20	05:24:18
83	83 200630M1_83	IB	01-Jul-20	05:34:40
84	84 200630M1_84	ST200630M1-15 PFC CS3 20F1906	01-Jul-20	05:45:06
85	85 200630M1_85	2001271-07 GW-FPC-2B 0.10944	01-Jul-20	05:55:31
86	86 200630M1_86	2001271-08 GW-FPC-2A 0.10841	01-Jul-20	06:05:56
87	87 200630M1_87	2001271-09 EB-Water Level 0.11306	01-Jul-20	06:16:20
88	88 200630M1_88	2001271-10 GW-AE-3B 0.10992	01-Jul-20	06:26:45
89	89 200630M1_89	B0F0219-BLK5 Method Blank 0.125	01-Jul-20	06:37:10
90	90 200630M1_90	B0F0219-BLK6 Method Blank 0.125	01-Jul-20	06:47:32
91	91 200630M1_91	B0F0219-BLK7 Method Blank 0.125	01-Jul-20	06:57:54
92	92 200630M1_92	B0F0219-BS5 OPR 0.125	01-Jul-20	07:08:17
93	93 200630M1_93	B0F0219-BS6 OPR 0.125	01-Jul-20	07:18:39
94	94 200630M1_94	B0F0219-BS7 OPR 0.125	01-Jul-20	07:29:01
95	95 200630M1_95	B0F0223-BLK3 Method Blank 2	01-Jul-20	07:39:24
96	96 200630M1_96	B0F0223-BLK4 Method Blank 2	01-Jul-20	07:49:46
97	97 200630M1_97	B0F0223-BS2 OPR 2	01-Jul-20	08:00:08
98	98 200630M1_98	B0F0223-BS3 OPR 2	01-Jul-20	08:10:30
99	99 200630M1_99	B0F0223-BS4 OPR 2	01-Jul-20	08:20:53
100	100 200630M1_100	IB	01-Jul-20	08:31:15
101	101 200630M1_101	ST200630M1-16 PFC CS3 20F1906	01-Jul-20	08:41:37

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Printed: Wednesday, July 01, 2020 13:12:25 Pacific Daylight Time

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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

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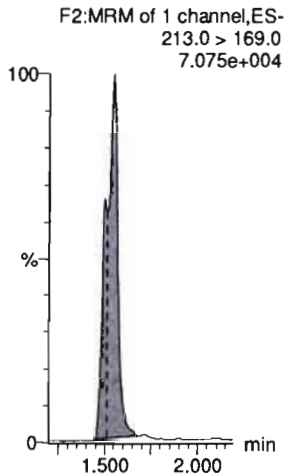
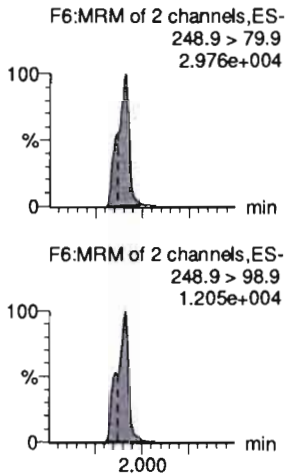
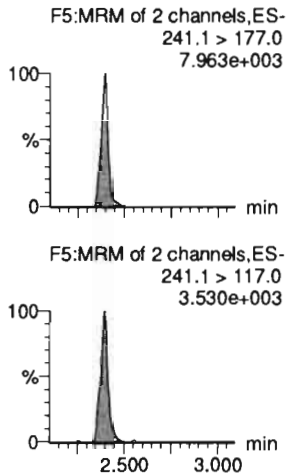


PFPrS



3:3 FTCA



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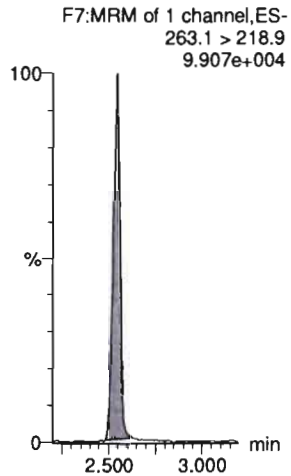

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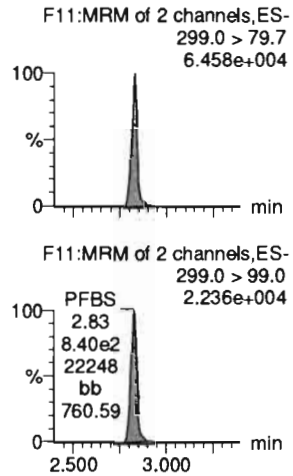
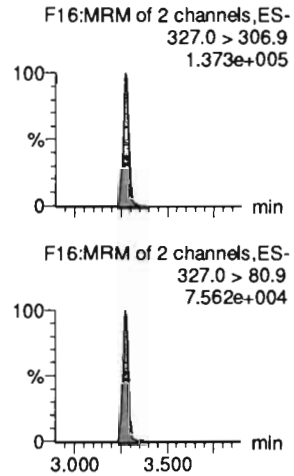
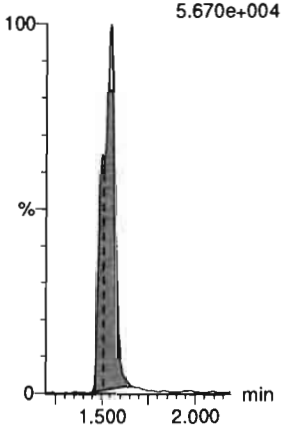


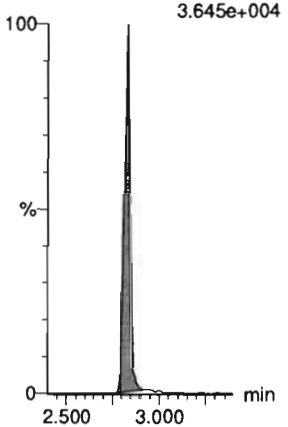
4:2 FTS



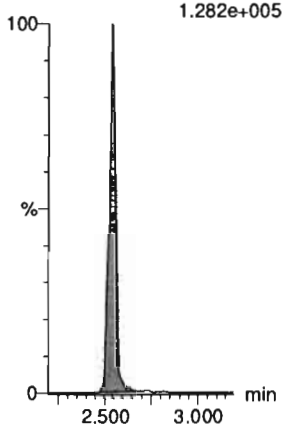
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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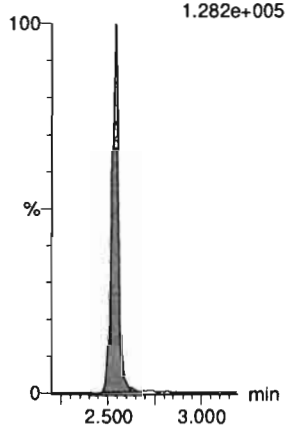

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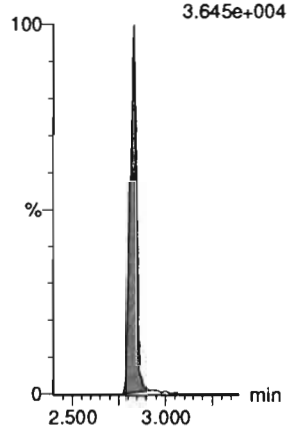

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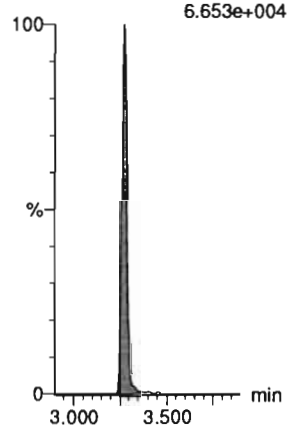


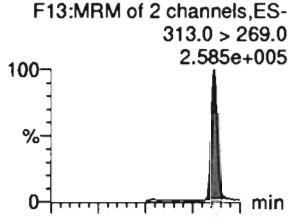
FBR 7/1/2020

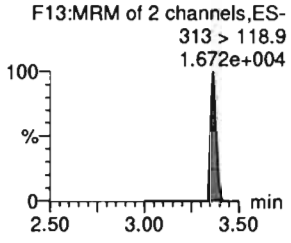
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-70.qld

Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 15:43:18 Pacific Daylight Time

Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFHxA





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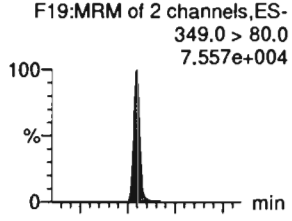

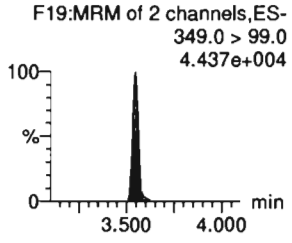

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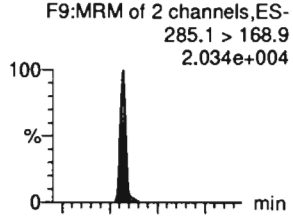

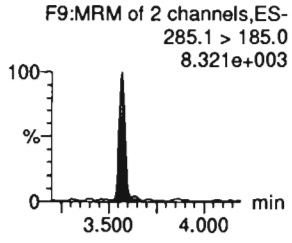

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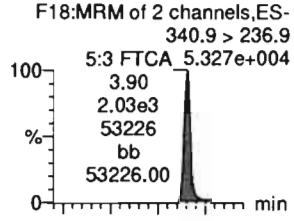

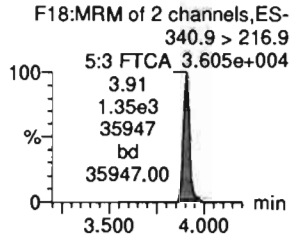

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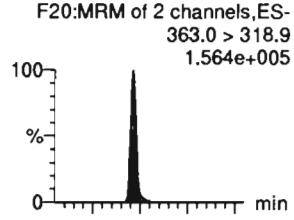

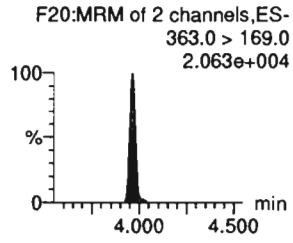

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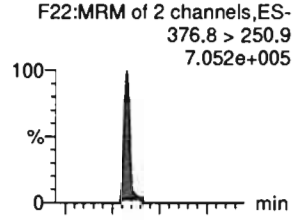
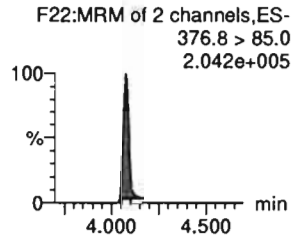
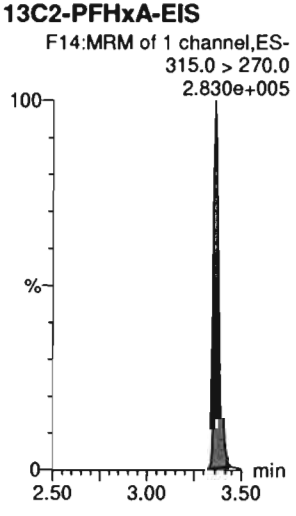
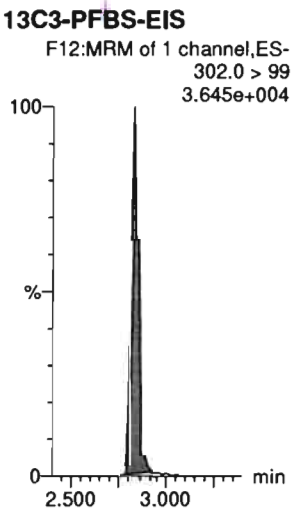




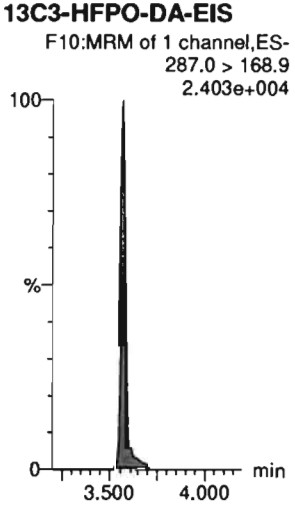
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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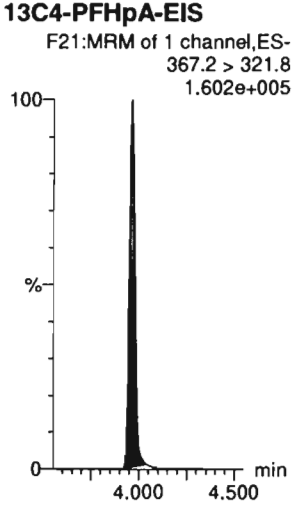

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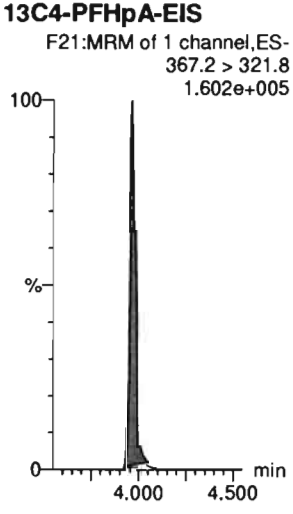

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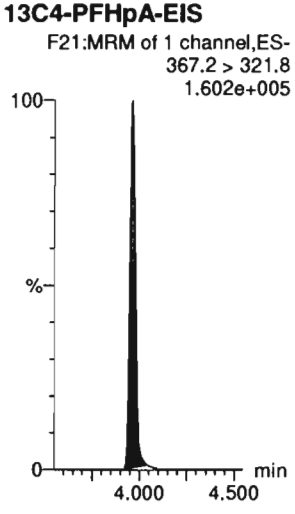

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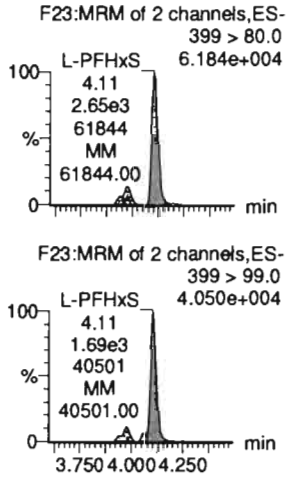
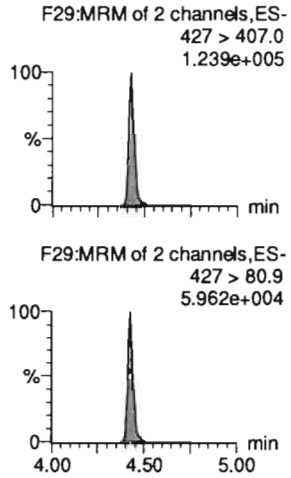
Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:12:25 Pacific Daylight Time

Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

L-PFHxS



6:2 FTS



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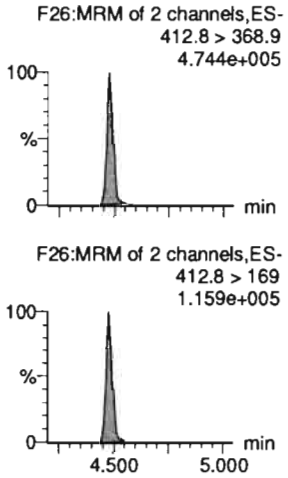

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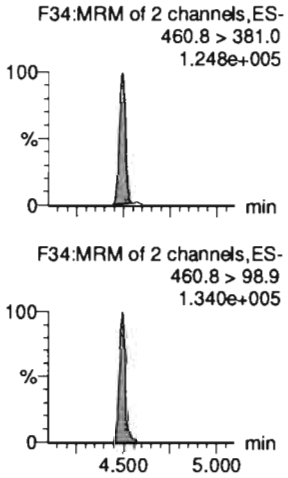

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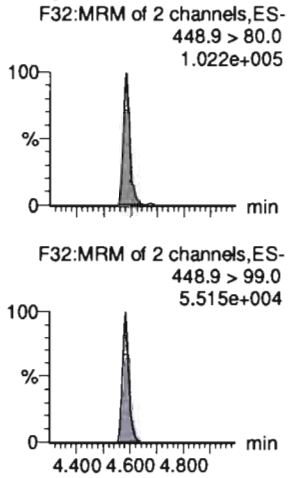
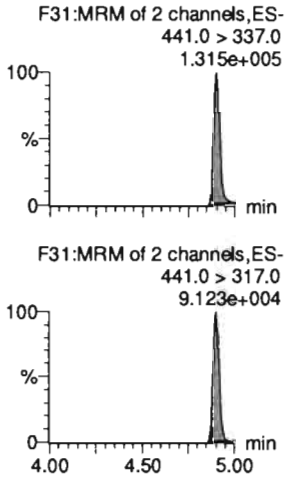
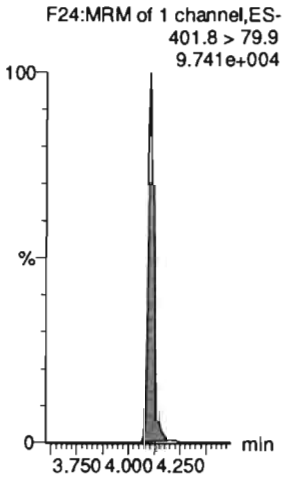


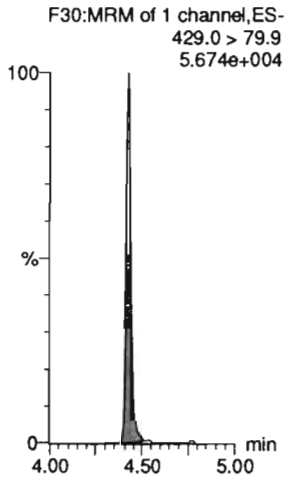
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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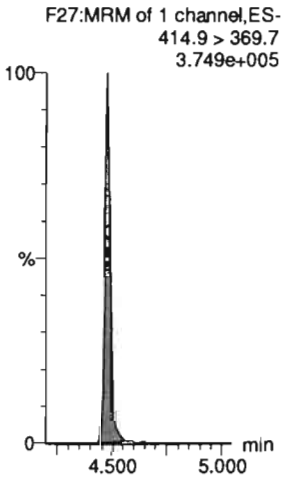

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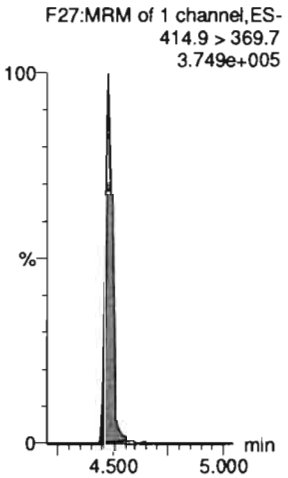
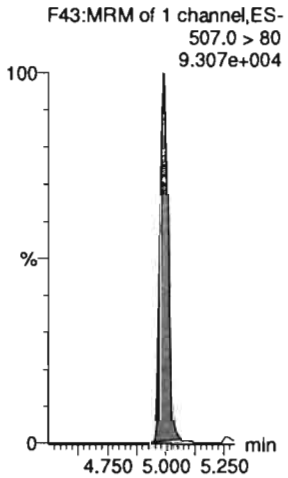


13C8-PFOS-EIS



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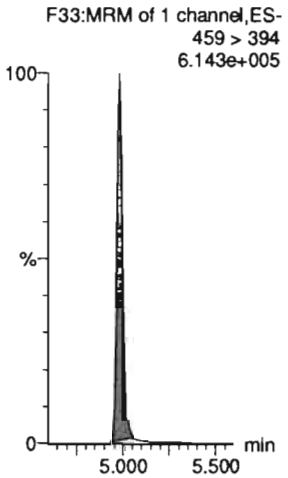

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Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
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Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

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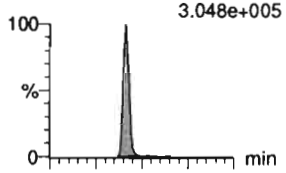

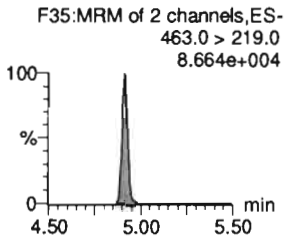

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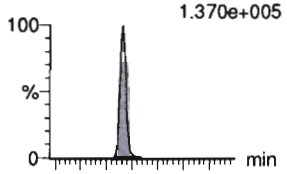
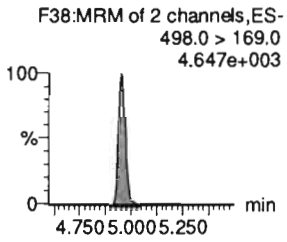
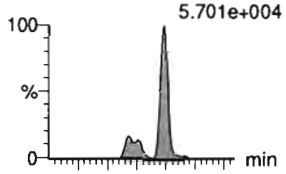
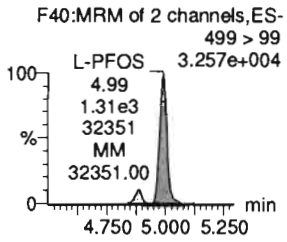


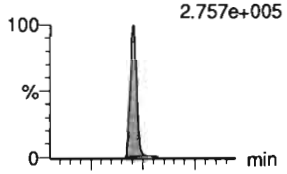


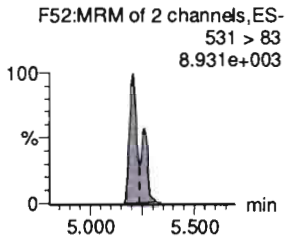
L-PFOS





9Cl-PF30NS





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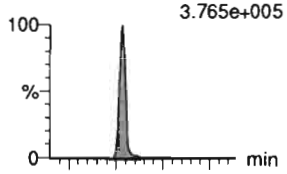
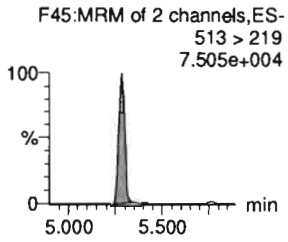
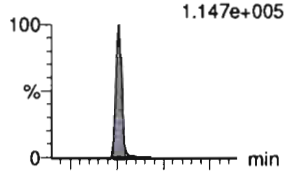
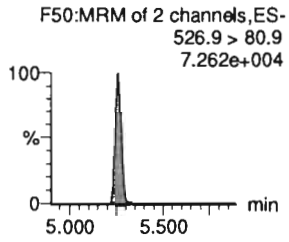


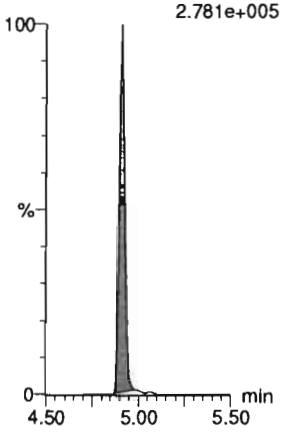


8:2 FTS

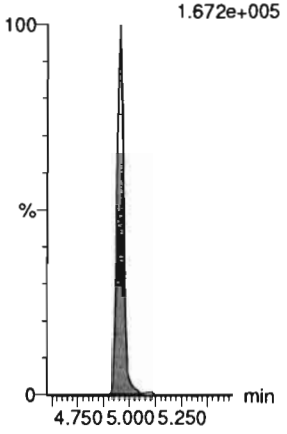




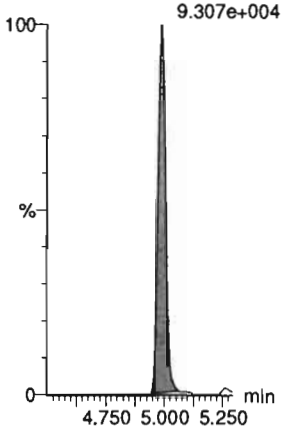
13C5-PFNA-EIS



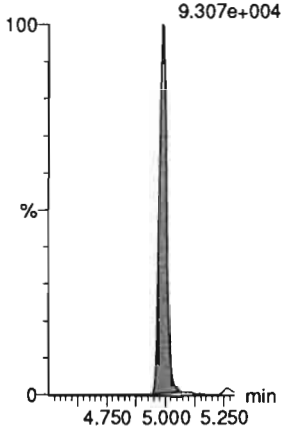
13C8-PFOSA-EIS



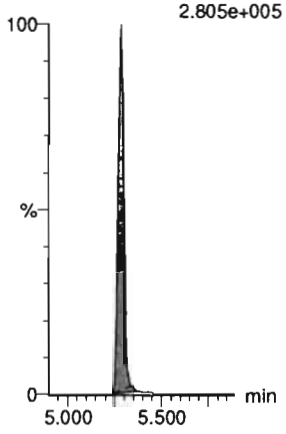
13C8-PFOS-EIS



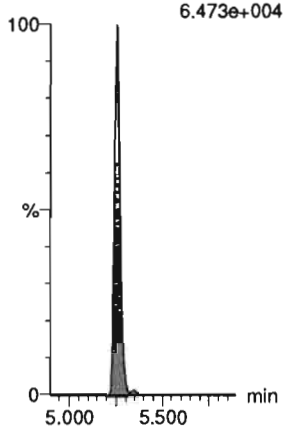
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-70.qld

Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
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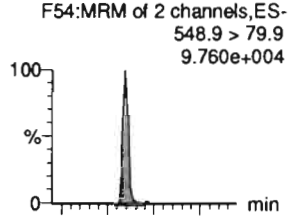
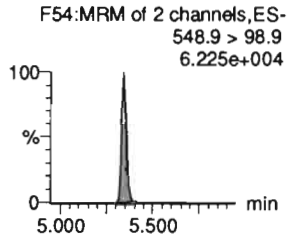
Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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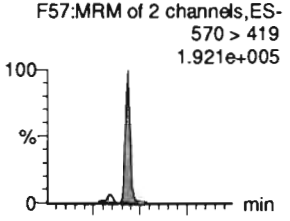
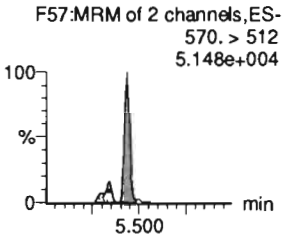
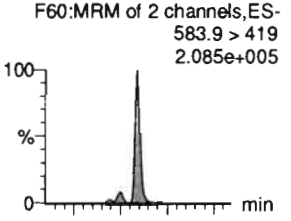
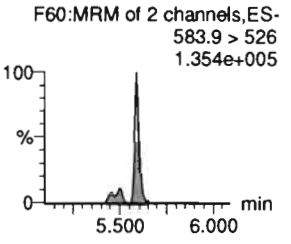


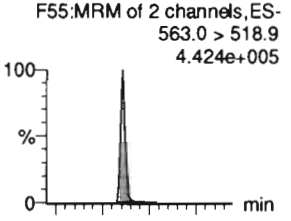


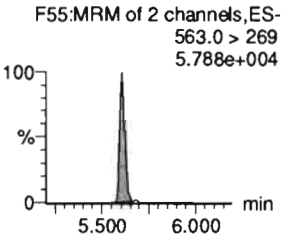
L-EtFOSAA



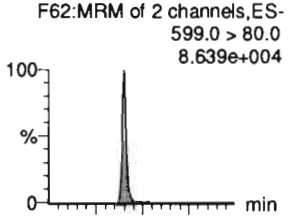


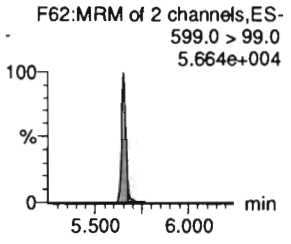
PFUdA



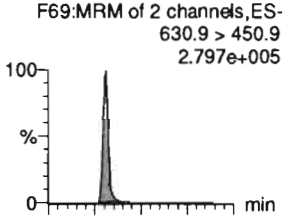


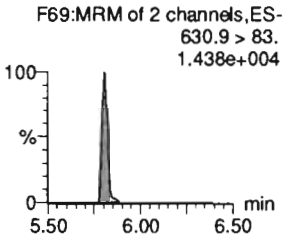
PFDS



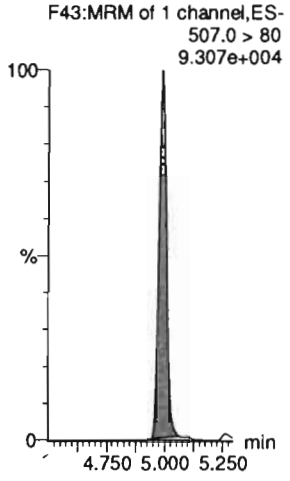


11Cl-PF30UdS

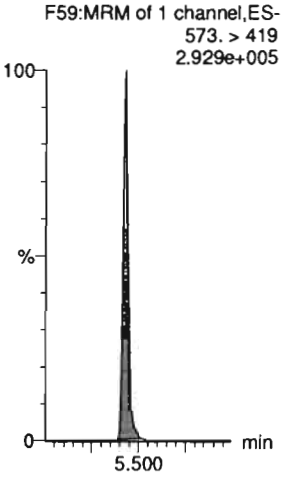




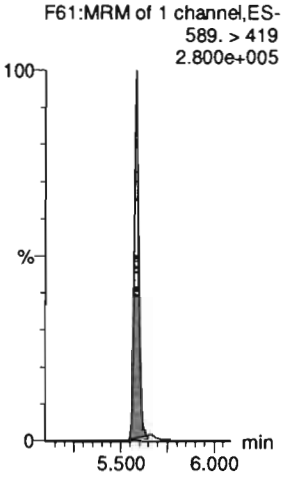
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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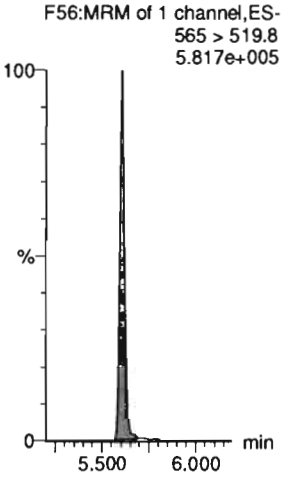

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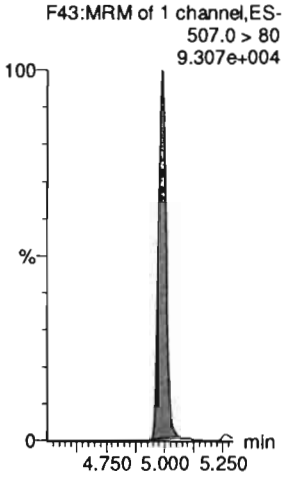
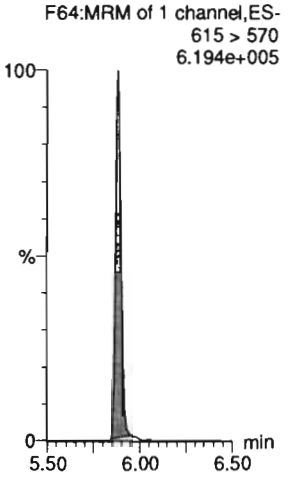


13C2-PFDoA-EIS



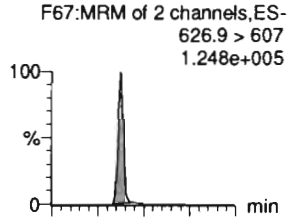
FBR 7/1/2020

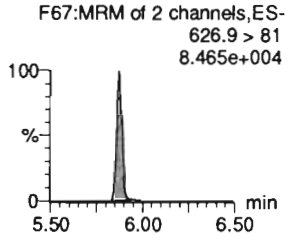
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-70.qld

Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:12:25 Pacific Daylight Time

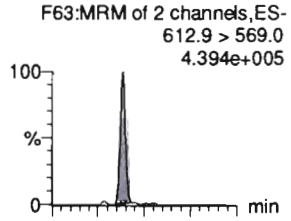
Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

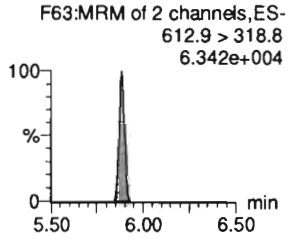
10:2 FTS



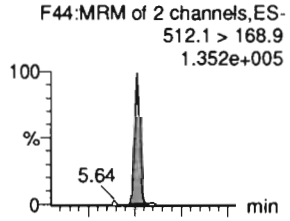


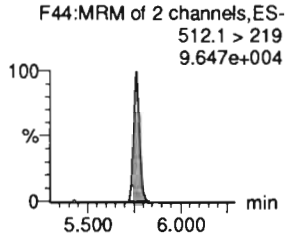
PFDoA



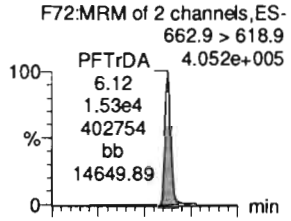


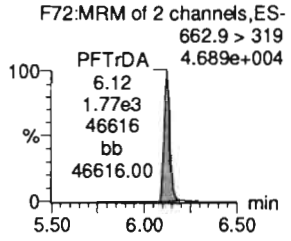
N-MeFOSA



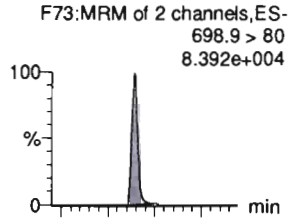


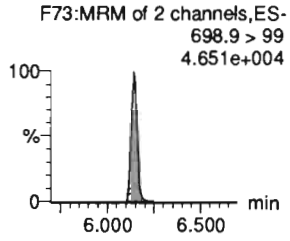
PFTrDA



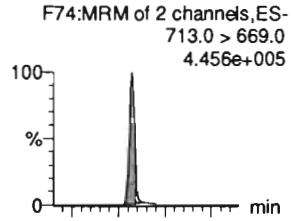


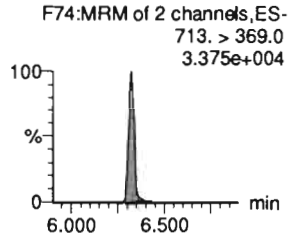
PFDoS



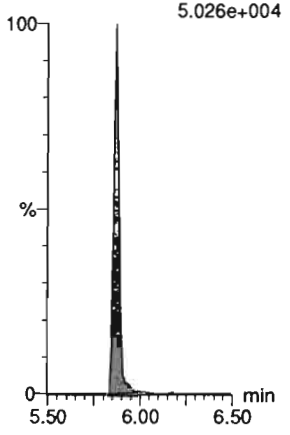


PFTeDA

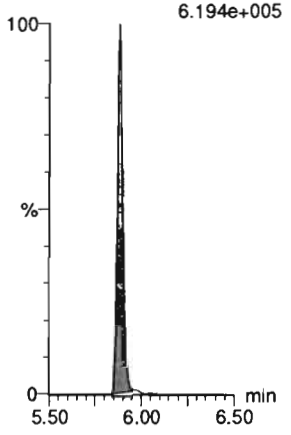




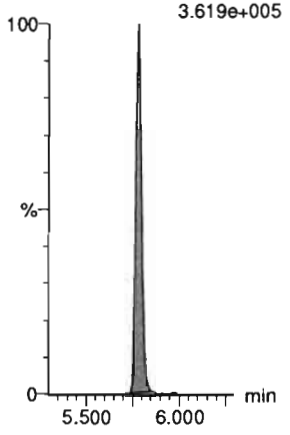
13C2-10:2 FTS-EIS



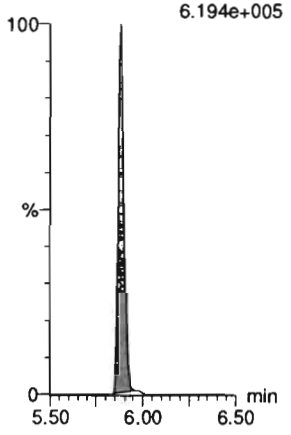
13C2-PFDoA-EIS



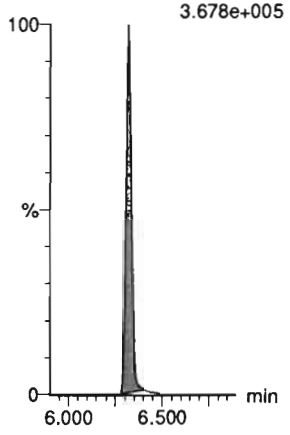
d3-N-MeFOSA-EIS



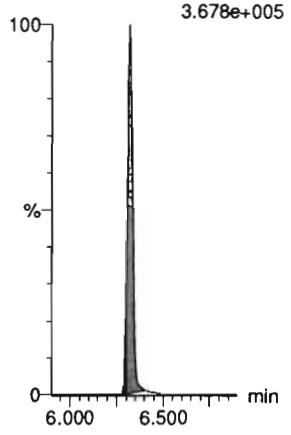
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-70.qld

Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
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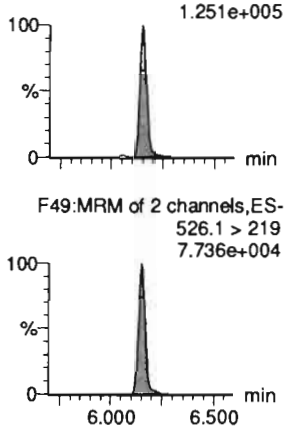
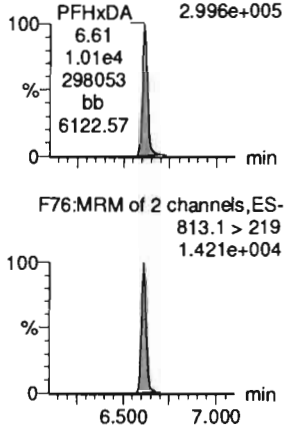
Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

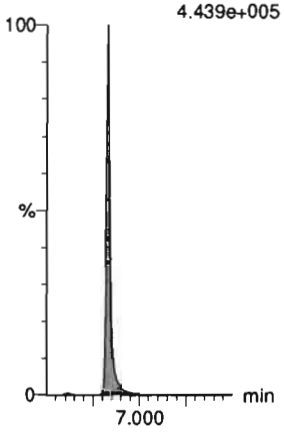
N-EtFOSA



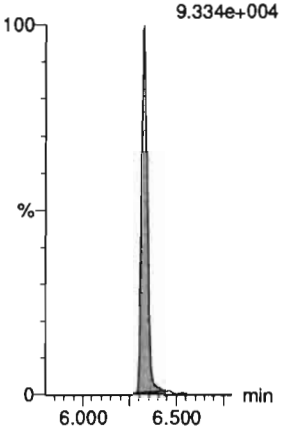
PFHxDA



PFODA



N-MeFOSE



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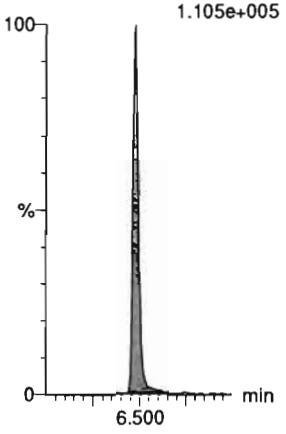
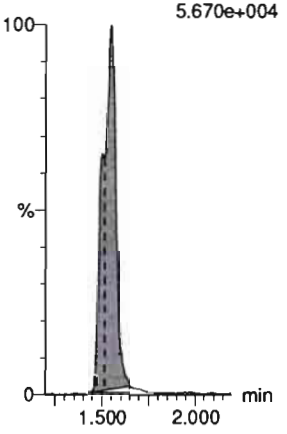
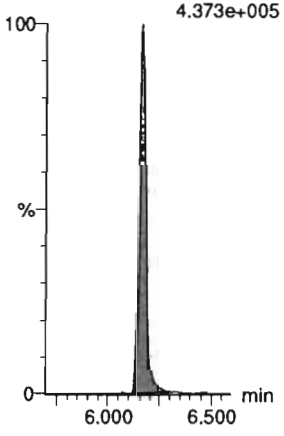


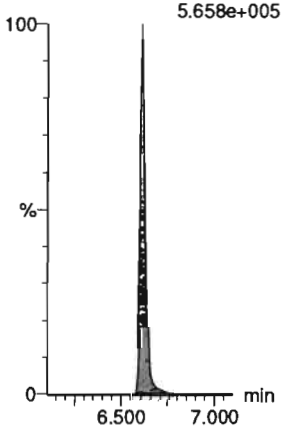
13C3-PFBA-RSD



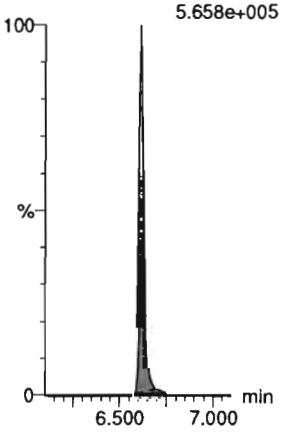
d5-N-ETFOSA-EIS



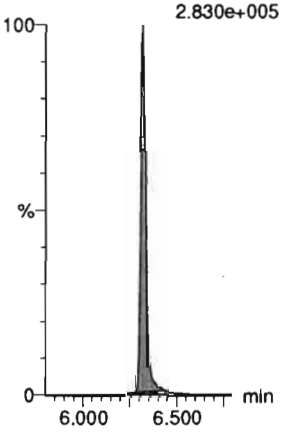
13C2-PFHxDA-EIS



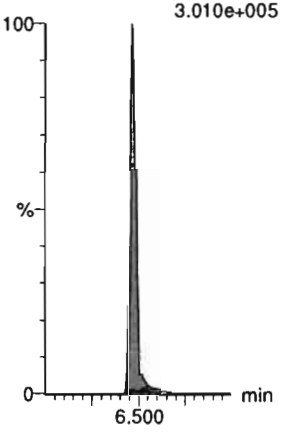
13C2-PFHxDA-EIS



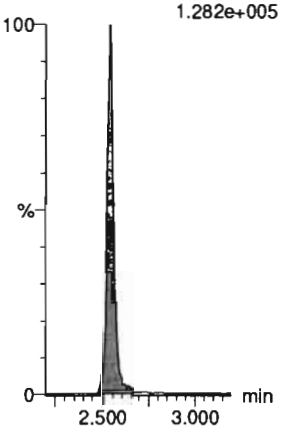
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

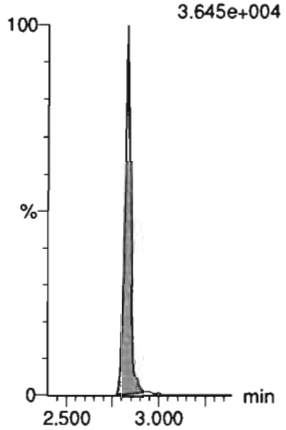


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-70.qld

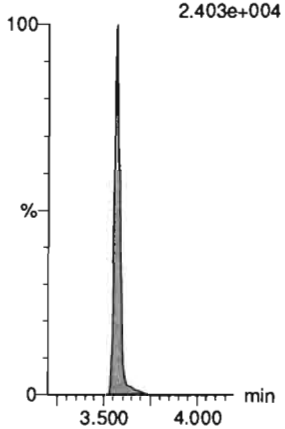
Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:12:25 Pacific Daylight Time

Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

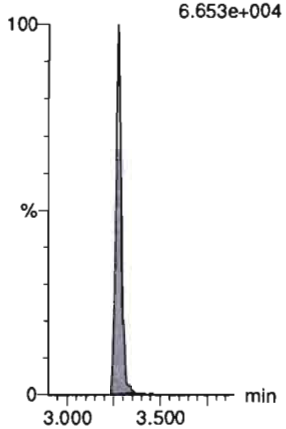
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.645e+004



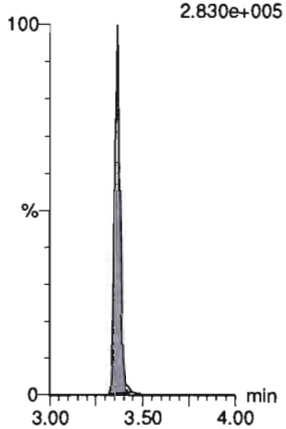
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.403e+004



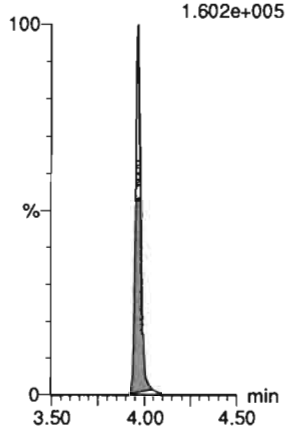
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.653e+004



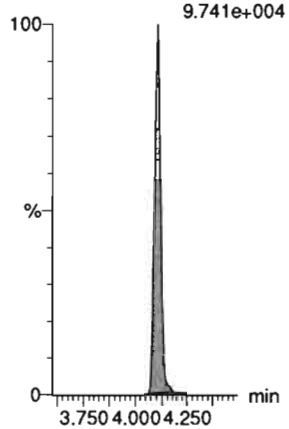
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.830e+005



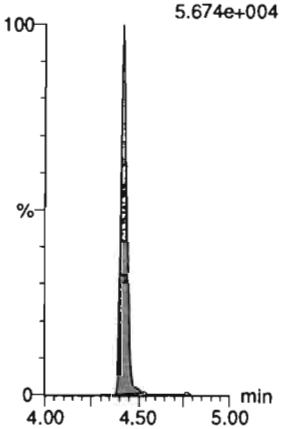
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.602e+005



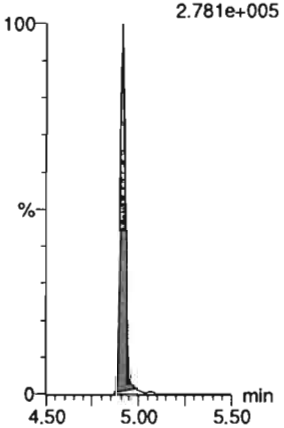
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.741e+004



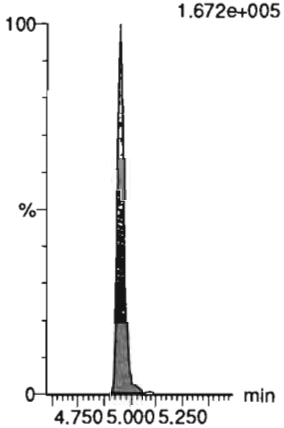
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.674e+004



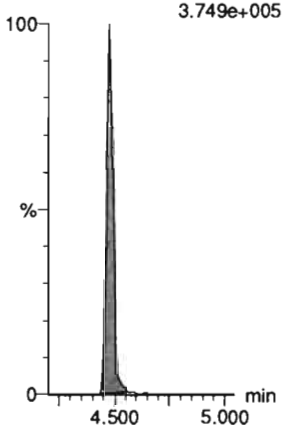
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.781e+005



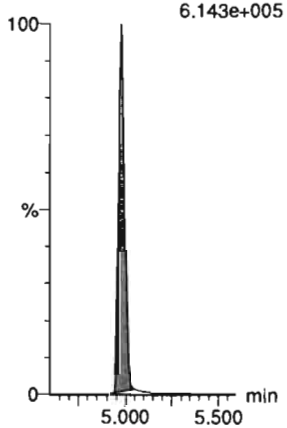
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.672e+005



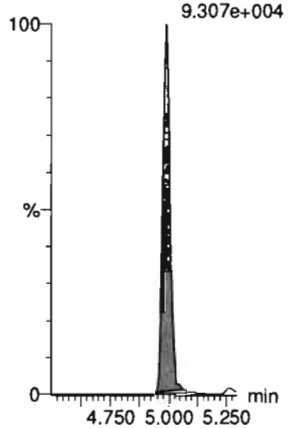
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.749e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
6.143e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.307e+004



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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-70.qld

Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
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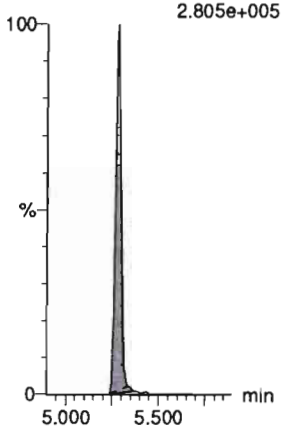
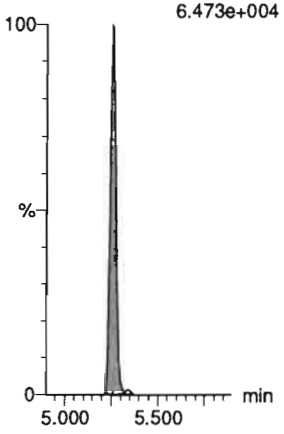
Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

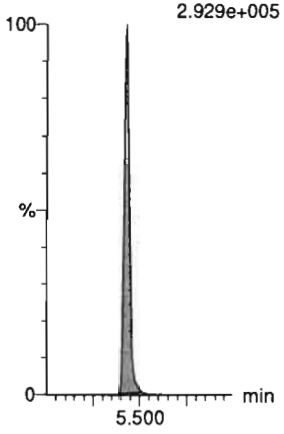
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.805e+005



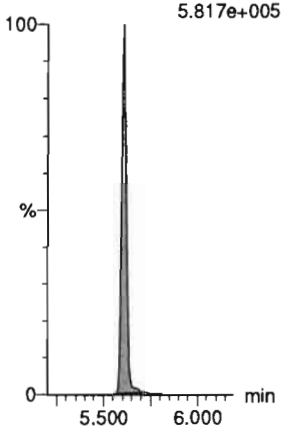
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.473e+004



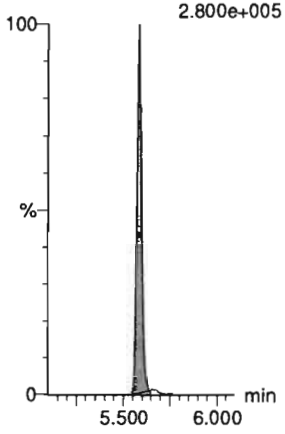
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.929e+005



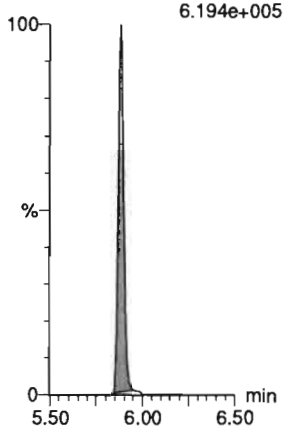
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.817e+005



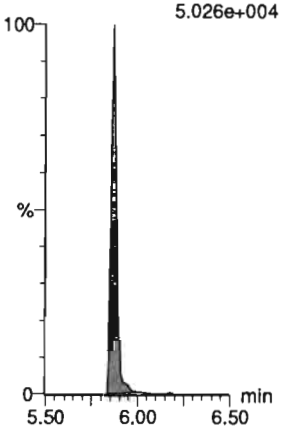
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.800e+005



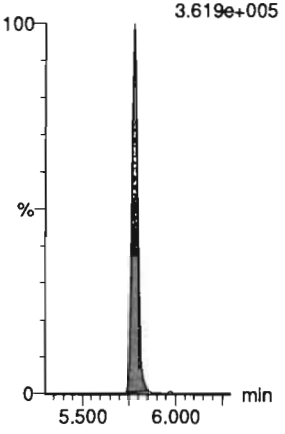
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
6.194e+005



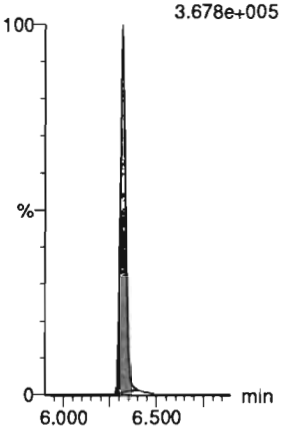
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.026e+004



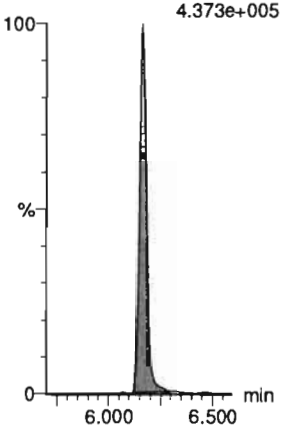
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.619e+005



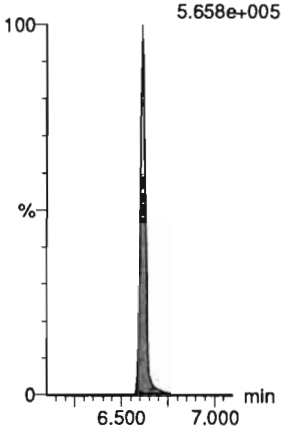
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.678e+005



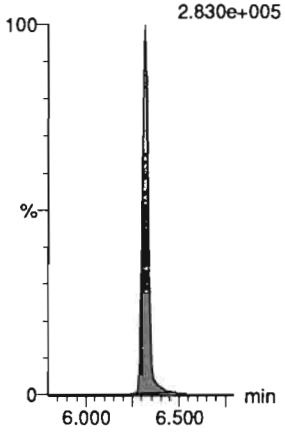
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.373e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.658e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.830e+005



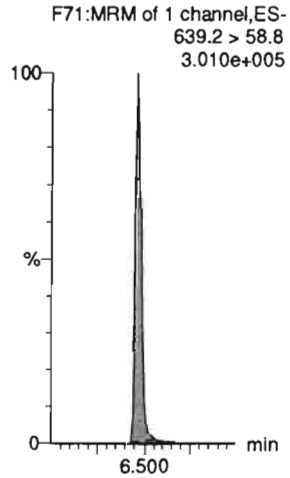
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-70.qld

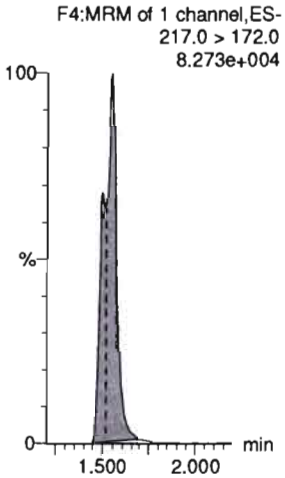
Last Altered: Wednesday, July 01, 2020 13:11:56 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:12:25 Pacific Daylight Time

Name: 200630M1_70, Date: 01-Jul-2020, Time: 03:19:51, ID: ST200630M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

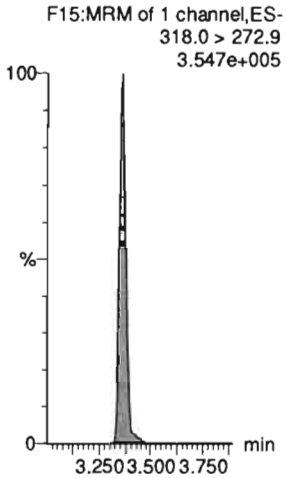
d9-N-EtFOSE-RSD



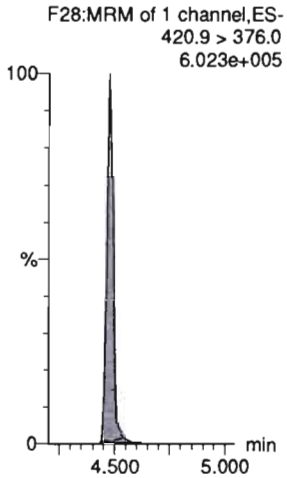
13C4-PFBA



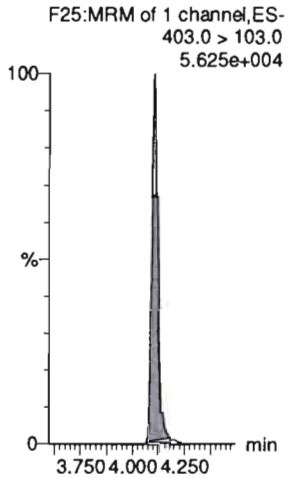
13C5-PFHxA



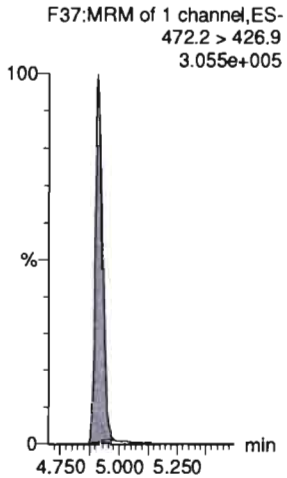
13C8-PFOA



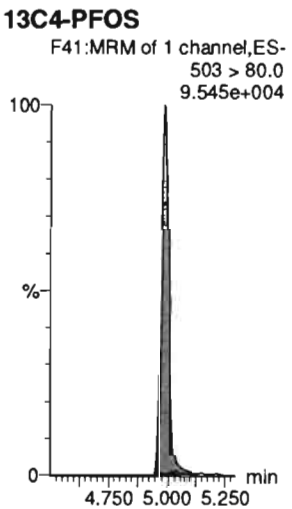
18O2-PFHxS



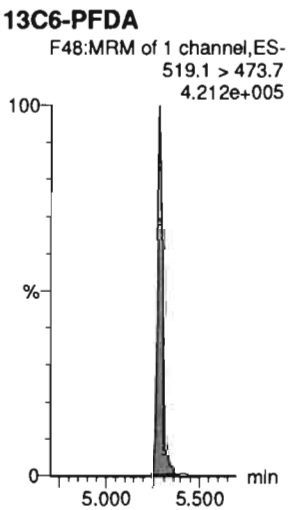
13C9-PFNA



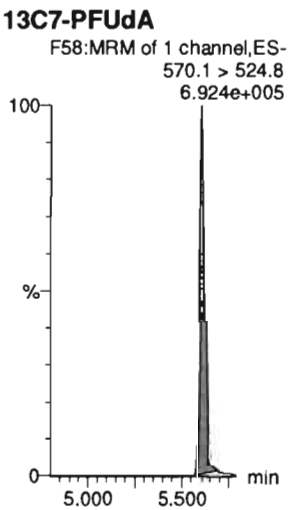
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	5692.605	4596.021	1.00	1.54	15.482	10.000	10.2	101.7	NO		
2	2	PFPrS	248.9 > 79.9	2173.419	1440.816	1.00	1.90	18.856	10.000	10.1	100.7	NO	2.434	NO
3	3	3:3 FTCA	241.1 > 177.0	356.476	5699.321	1.00	2.38	0.782	10.000	9.52	95.2	NO	2.323	NO
4	4	PFPeA	263.1 > 218.9	4154.654	5699.321	1.00	2.53	9.112	10.000	9.66	96.6	NO		
5	5	PFBS	299.0 > 79.7	2269.576	1440.816	1.00	2.82	19.690	10.000	9.83	98.3	NO	2.662	NO
6	6	4:2 FTS	327.0 > 306.9	5031.692	2092.007	1.00	3.26	30.065	10.000	11.3	112.8	NO	1.967	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	4596.021		1.00	1.54	4596.021	12.500	12.4	99.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1440.816		1.00	2.81	1440.816	12.500	13.3	106.4	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5699.321		1.00	2.53	5699.321	12.500	12.9	103.6	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5699.321		1.00	2.53	5699.321	12.500	12.9	103.6	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1440.816		1.00	2.81	1440.816	12.500	13.3	106.4	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2092.007		1.00	3.27	2092.007	12.500	11.0	88.2	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9405.972	9693.757	1.00	3.35	12.129	10.000	10.7	106.5	NO	16.368	NO
15	8	PFPeS	349.0 > 80.0	2358.631	1440.816	1.00	3.54	20.463	10.000	9.32	93.2	NO	1.572	NO
16	9	HFPO-DA	285.1 > 168.9	701.895	881.113	1.00	3.55	9.958	10.000	11.4	114.5	NO	2.376	NO
17	10	5:3 FTCA	340.9 > 236.9	1968.838	22493.172	1.00	3.89	1.094	10.000	9.72	97.2	NO	1.439	NO
18	11	PFHpA	363.0 > 318.9	5452.902	5697.949	1.00	3.95	11.962	10.000	9.63	96.3	NO	7.650	NO
19	12	ADONA	376.8 > 250.9	24178.943	5697.949	1.00	4.06	53.043	10.000	9.68	96.8	NO	3.356	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9693.757		1.00	3.35	9693.757	12.500	12.5	100.0	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1440.816		1.00	2.81	1440.816	12.500	13.3	106.4	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	881.113		1.00	3.55	881.113	12.500	12.4	99.4	NO		
23	71	13C2-FOUEA-EIS	459>394	22493.172		1.00	4.97	22493.172	12.500	12.3	98.1	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5697.949		1.00	3.95	5697.949	12.500	12.7	101.3	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5697.949		1.00	3.95	5697.949	12.500	12.7	101.3	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2772.054	3196.117	1.00	4.09	10.841	10.000	10.3	102.5	NO	1.676	NO
28	15	6:2 FTS	427 > 407.0	4503.321	1831.840	1.00	4.41	30.729	10.000	10.4	104.0	NO	2.165	NO
29	16	L-PFOA	412.8 > 368.9	15507.810	12582.632	1.00	4.47	15.406	10.000	9.92	99.2	NO	3.978	NO
30	18	PFecHS	460.8 > 381.0	4859.673	12582.632	1.00	4.48	4.828	10.000	9.89	98.9	NO	0.946	NO
31	19	PFHpS	448.9 > 80.0	2811.727	3740.619	1.00	4.57	9.396	10.000	10.4	104.4	NO	1.952	NO
32	20	7:3 FTCA	441.0 > 337.0	4659.541	22493.172	1.00	4.89	2.589	10.000	10.5	105.3	NO	1.437	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3196.117		1.00	4.09	3196.117	12.500	12.6	100.8	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1831.840		1.00	4.41	1831.840	12.500	16.2	129.9	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12582.632		1.00	4.47	12582.632	12.500	12.2	97.5	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12582.632		1.00	4.47	12582.632	12.500	12.2	97.5	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

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Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	3740.619		1.00	4.98	3740.619	12.500	14.8	118.2	NO		
38	71 13C2-FOUEA-EIS	459>394	22493.172		1.00	4.97	22493.172	12.500	12.3	98.1	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	11180.831	9366.988	1.00	4.90	14.921	10.000	10.4	103.7	NO	3.535	NO
41	22 PFOSA	498.0 > 78.0	4655.385	6455.611	1.00	4.95	9.014	10.000	9.86	98.6	NO	27.965	NO
42	23 L-PFOS	499 > 80	2890.262	3740.619	1.00	4.98	9.658	10.000	9.80	98.0	NO	2.102	NO
43	25 9Cl-PF30NS	531 > 351.0	11220.497	3740.619	1.00	5.20	37.495	10.000	10.1	100.5	NO	21.860	NO
44	26 PFDA	513 > 468.8	13720.660	10066.344	1.00	5.27	17.038	10.000	10.4	103.5	NO	4.963	NO
45	27 8:2 FTS	526.9 > 507.0	4153.151	2374.933	1.00	5.25	21.859	10.000	9.22	92.2	NO	1.538	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	9366.988		1.00	4.90	9366.988	12.500	12.0	96.0	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6455.611		1.00	4.94	6455.611	12.500	12.5	99.6	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	3740.619		1.00	4.98	3740.619	12.500	14.8	118.2	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	3740.619		1.00	4.98	3740.619	12.500	14.8	118.2	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	10066.344		1.00	5.27	10066.344	12.500	11.7	93.3	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2374.933		1.00	5.25	2374.933	12.500	11.8	94.7	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	2903.677	3740.619	1.00	5.34	9.703	10.000	8.83	88.3	NO	1.357	NO
54	29 L-MeFOSAA	570 > 419	6714.205	9881.959	1.00	5.43	8.493	10.000	9.95	99.5	NO	2.998	NO
55	31 L-EtFOSAA	583.9 > 419	7400.524	8813.451	1.00	5.58	10.496	10.000	9.83	98.3	NO	1.384	NO
56	33 PFUdA	563.0 > 518.9	13748.761	18530.732	1.00	5.60	9.274	10.000	10.3	103.0	NO	7.571	NO
57	34 PFDS	599.0 > 80.0	2555.045	3740.619	1.00	5.64	8.538	10.000	10.0	100.3	NO	1.421	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	10925.982	21088.361	1.00	5.80	6.476	10.000	9.87	98.7	NO	31.734	YES
59	73 13C8-PFOS-EIS	507.0 > 80	3740.619		1.00	4.98	3740.619	12.500	14.8	118.2	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	9881.959		1.00	5.42	9881.959	12.500	12.8	102.3	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	8813.451		1.00	5.58	8813.451	12.500	12.9	103.6	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	18530.732		1.00	5.60	18530.732	12.500	13.2	105.4	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	3740.619		1.00	4.98	3740.619	12.500	14.8	118.2	NO		
64	85 13C2-PFDoA-EIS	615 > 570	21088.361		1.00	5.88	21088.361	12.500	13.0	104.1	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	4520.731	1894.832	1.00	5.87	29.823	10.000	9.52	95.2	NO	1.514	NO
67	37 PFDoA	612.9 > 569.0	17181.328	21088.361	1.00	5.88	10.184	10.000	9.49	94.9	NO	8.202	NO
68	38 N-MeFOSA	512.1 > 168.9	5300.576	12749.186	1.00	5.76	62.031	50.000	54.3	108.5	NO	1.919	NO
69	39 PFTrDA	662.9 > 618.9	16485.305	21088.361	1.00	6.12	9.772	10.000	9.30	93.0	NO	8.638	NO
70	40 PFDoS	698.9 > 80	3062.514	12872.339	1.00	6.14	2.974	10.000	10.2	102.3	NO	1.712	NO
71	41 PFTeDA	713.0 > 669.0	16159.820	12872.339	1.00	6.32	15.692	10.000	10.6	106.4	NO	13.573	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1894.832		1.00	5.86	1894.832	12.500	12.5	100.1	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	21088.361		1.00	5.88	21088.361	12.500	13.0	104.1	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	12749.186		1.00	5.78	12749.186	149.200	151	100.9	NO		
75	85 13C2-PFDoA-EIS	615 > 570	21088.361		1.00	5.88	21088.361	12.500	13.0	104.1	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	12872.339		1.00	6.32	12872.339	12.500	11.9	95.3	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	12872.339		1.00	6.32	12872.339	12.500	11.9	95.3	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	5312.010	17584.086	1.00	6.15	45.072	50.000	52.5	105.0	NO	1.657	NO
80	43 PFHxDA	813.1 > 768.6	10038.327	18821.246	1.00	6.61	6.667	10.000	10.6	105.9	NO	22.623	NO
81	44 PFODA	913.1 > 868.8	12624.885	18821.246	1.00	6.82	8.385	10.000	10.7	107.1	NO		
82	45 N-MeFOSE	616.1 > 58.9	3361.692	10593.915	1.00	6.33	47.345	50.000	50.2	100.4	NO		
83	46 N-EtFOSE	630.1 > 58.9	4046.602	10521.911	1.00	6.48	57.381	50.000	49.6	99.2	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4640.413	6833.989	1.00	1.54	8.488	12.500	12.7	101.5	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	17584.086		1.00	6.16	17584.086	149.200	146	97.9	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	18821.246		1.00	6.61	18821.246	12.500	12.3	98.6	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	18821.246		1.00	6.61	18821.246	12.500	12.3	98.6	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	10593.915		1.00	6.32	10593.915	149.200	149	100.0	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	10521.911		1.00	6.47	10521.911	149.200	142	94.9	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	5699.321	12347.635	1.00	2.53	5.770	12.500	12.5	100.0	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1440.816	1716.626	1.00	2.81	10.492	12.500	13.6	108.7	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	881.113	12347.635	1.00	3.55	0.892	12.500	11.3	90.5	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	2092.007	1716.626	1.00	3.27	15.233	12.500	12.3	98.4	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	9975.931	12347.635	1.00	3.35	10.099	12.500	12.5	100.2	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	5697.949	12347.635	1.00	3.95	5.768	12.500	12.4	99.1	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3196.117	1716.626	1.00	4.09	23.273	12.500	13.1	104.8	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	1831.840	3723.718	1.00	4.41	6.149	12.500	11.8	94.4	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	9366.988	11412.188	1.00	4.90	10.260	12.500	11.6	92.5	NO		
100	68 13C8-PFOSA-RSD	506. > 78	6473.356	21594.590	1.00	4.94	3.747	12.500	13.3	106.1	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	12565.938	20659.801	1.00	4.47	7.603	12.500	12.3	98.1	NO		
102	72 13C2-FOUEA-RSD	459>394	22493.172	20659.801	1.00	4.97	13.609	12.500	12.6	100.4	NO		
103	74 13C8-PFOS-RSD	507.0 > 80	3722.552	3723.718	1.00	4.98	12.496	12.500	12.2	97.7	NO		
104	-1												
105	76 13C2-PFDA-RSD	515.1 > 469.9	10067.994	15392.992	1.00	5.27	8.176	12.500	10.9	87.5	NO		
106	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2374.933	3723.718	1.00	5.25	7.972	12.500	12.7	101.2	NO		
107	80 d3-N-MeFOSAA-RSD	573. > 419	9889.339	21594.590	1.00	5.42	5.724	12.500	11.6	93.0	NO		
108	82 13C2-PFUdA-RSD	565 > 519.8	18530.732	21594.590	1.00	5.60	10.726	12.500	12.2	97.7	NO		

FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

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Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	d5-N-EtFOSAA-RSD	589. > 419	8845.925	21594.590	1.00	5.58	5.120	12.500	12.4	99.4	NO		
110	86	13C2-PFDoA-RSD	615 > 570	21369.305	15392.992	1.00	5.88	17.353	12.500	12.9	103.0	NO		
111	88	13C2-10:2 FTS-RSD	633 > 79.9	1894.832	3723.718	1.00	5.86	6.361	12.500	12.8	102.3	NO		
112	90	d3-N-MeFOSA-RSD	515.2 > 168.9	12749.186	21594.590	1.00	5.78	7.380	149.200	147	98.5	NO		
113	92	13C2-PFTeDA-RSD	715.1 > 669.7	12872.339	21594.590	1.00	6.32	7.451	12.500	11.3	90.5	NO		
114	94	d5-N-ETFOSA-RSD	531.1 > 168.9	17584.086	21594.590	1.00	6.16	10.179	149.200	150	100.6	NO		
115	96	13C2-PFHxDA-RSD	815 > 769.7	18821.246	21594.590	1.00	6.61	10.895	12.500	11.5	91.6	NO		
116	98	d7-N-MeFOSE-RSD	623.1 > 58.9	10594.979	21594.590	1.00	6.32	6.133	149.200	154	103.4	NO		
117	-1													
118	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10521.911	21594.590	1.00	6.47	6.091	149.200	141	94.8	NO		
119	1...	13C4-PFBA	217.0 > 172.0	6833.989	6833.989	1.00	1.54	12.500	12.500	12.5	100.0	NO		
120	1...	13C5-PFHxA	318.0 > 272.9	12347.635	12347.635	1.00	3.35	12.500	12.500	12.5	100.0	NO		
121	1...	13C8-PFOA	420.9 > 376.0	20659.801	20659.801	1.00	4.47	12.500	12.500	12.5	100.0	NO		
122	1...	18O2-PFHxS	403.0 > 103.0	1716.626	1716.626	1.00	4.09	12.500	12.500	12.5	100.0	NO		
123	1...	13C9-PFNA	472.2 > 426.9	11412.188	11412.188	1.00	4.90	12.500	12.500	12.5	100.0	NO		
124	1...	13C4-PFOS	503 > 80.0	3723.718	3723.718	1.00	4.98	12.500	12.500	12.5	100.0	NO		
125	1...	13C6-PFDA	519.1 > 473.7	15392.992	15392.992	1.00	5.27	12.500	12.500	12.5	100.0	NO		
126	1...	13C7-PFUdA	570.1 > 524.8	21594.590	21594.590	1.00	5.60	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200630M1_1	IPA	30-Jun-20	15:23:26
2	2 200630M1_2	IPA	30-Jun-20	15:33:46
3	3 200630M1_3	ST200630M1-1 PFC CS-2 20F1901	30-Jun-20	15:44:08
4	4 200630M1_4	ST200630M1-2 PFC CS-1 20F1902	30-Jun-20	15:54:31
5	5 200630M1_5	ST200630M1-3 PFC CS0 20F1903	30-Jun-20	16:04:53
6	6 200630M1_6	ST200630M1-4 PFC CS1 20F1904	30-Jun-20	16:15:15
7	7 200630M1_7	ST200630M1-5 PFC CS2 20F1905	30-Jun-20	16:25:40
8	8 200630M1_8	ST200630M1-6 PFC CS3 20F1906	30-Jun-20	16:36:04
9	9 200630M1_9	ST200630M1-7 PFC CS4 20F1907	30-Jun-20	16:46:29
10	10 200630M1_10	ST200630M1-8 PFC CS5 20F1908	30-Jun-20	16:56:53
11	11 200630M1_11	ST200630M1-9 PFC CS6 20F1909	30-Jun-20	17:07:19
12	12 200630M1_12	ST200630M1-10 PFC CS7 20F1910	30-Jun-20	17:17:41
13	13 200630M1_13	IB	30-Jun-20	17:28:03
14	14 200630M1_14	ICV200630M1-1 PFC ICV 20F1911	30-Jun-20	17:38:26
15	15 200630M1_15	IB	30-Jun-20	17:48:48
16	16 200630M1_16	B0F0097-BS1 OPR 0.25	30-Jun-20	17:59:10
17	17 200630M1_17	2001239-02 EB060420 0.125	30-Jun-20	18:09:32
18	18 200630M1_18	2001239-05 WT05 0.125	30-Jun-20	18:19:55
19	19 200630M1_19	2001234-01 3303 Hecker 0.125	30-Jun-20	18:30:19
20	20 200630M1_20	2001234-03 3609 Hecker 0.125	30-Jun-20	18:40:43
21	21 200630M1_21	2001234-05 3817 Viebahn 0.125	30-Jun-20	18:51:09
22	22 200630M1_22	2001234-06 3625 Hecker 0.125	30-Jun-20	19:01:34
23	23 200630M1_23	2001234-09 3720 Hecker 0.125	30-Jun-20	19:11:58
24	24 200630M1_24	2001333-03 SMW01B-20Q2 0.25048	30-Jun-20	19:22:23
25	25 200630M1_25	2001333-04 SMW11B1-20Q2 0.25132	30-Jun-20	19:32:47
26	26 200630M1_26	2001333-05 SMW11A-20Q2 0.24435	30-Jun-20	19:43:13
27	27 200630M1_27	2001333-06 SMW17A-20Q2 0.23637	30-Jun-20	19:53:35
28	28 200630M1_28	IB	30-Jun-20	20:03:57
29	29 200630M1_29	ST200630M1-11 PFC CS3 20F1906	30-Jun-20	20:14:20
30	30 200630M1_30	2001333-07 SMW17B1-20Q2 0.24478	30-Jun-20	20:24:42
31	31 200630M1_31	2001333-08 SMW16A-20Q2 0.25013	30-Jun-20	20:35:04
32	32 200630M1_32	2001333-09 SMW15A-20Q2 0.25798	30-Jun-20	20:45:26

Dataset: Untitled

Last Altered: Wednesday, July 01, 2020 13:35:42 Pacific Daylight Time
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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200630M1_33	2001333-10 SMW14A-20Q2 0.23873	30-Jun-20	20:55:48
34	34 200630M1_34	2001333-11 SMW06A-20Q2 0.24088	30-Jun-20	21:06:14
35	35 200630M1_35	2001333-12 SMW06B-20Q2 0.24647	30-Jun-20	21:16:39
36	36 200630M1_36	2001333-13 SMW12A-20Q2 0.24293	30-Jun-20	21:27:04
37	37 200630M1_37	2001333-14 SMW12B1-20Q2 0.2426	30-Jun-20	21:37:29
38	38 200630M1_38	2001333-15 SMW10A-20Q2 0.24929	30-Jun-20	21:47:54
39	39 200630M1_39	2001333-16 SMW10B1-20Q2 0.24423	30-Jun-20	21:58:19
40	40 200630M1_40	IB	30-Jun-20	22:08:45
41	41 200630M1_41	ST200630M1-12 PFC CS3 20F1906	30-Jun-20	22:19:07
42	42 200630M1_42	2001333-17 SMW10B1-20Q2-D 0.24803	30-Jun-20	22:29:29
43	43 200630M1_43	2001333-18 SMW13A-20Q2 0.25102	30-Jun-20	22:39:51
44	44 200630M1_44	2001333-19 SMW13A-20Q2-D 0.25559	30-Jun-20	22:50:14
45	45 200630M1_45	2001333-20 SMW13B1-20Q2 0.24699	30-Jun-20	23:00:36
46	46 200630M1_46	B0F0276-BLK1 Method Blank 0.125	30-Jun-20	23:10:58
47	47 200630M1_47	B0F0276-BS1 OPR 0.125	30-Jun-20	23:21:20
48	48 200630M1_48	2001238-01RE1 PZ30 0.11294	30-Jun-20	23:31:42
49	49 200630M1_49	2001238-02RE1 PZ30A 0.11302	30-Jun-20	23:42:04
50	50 200630M1_50	2001238-03RE1 PZ31 0.11522	30-Jun-20	23:52:27
51	51 200630M1_51	2001238-04RE1 PZ32 0.11728	01-Jul-20	00:02:49
52	52 200630M1_52	2001238-05RE1 PZ32A 0.11578	01-Jul-20	00:13:11
53	53 200630M1_53	2001238-06RE1 PZ33 0.11573	01-Jul-20	00:23:33
54	54 200630M1_54	IB	01-Jul-20	00:33:56
55	55 200630M1_55	ST200630M1-13 PFC CS3 20F1906	01-Jul-20	00:44:18
56	56 200630M1_56	2001238-07RE1 PZ33A 0.11958	01-Jul-20	00:54:40
57	57 200630M1_57	2001238-08RE1 PZ01 0.11816	01-Jul-20	01:05:02
58	58 200630M1_58	2001238-09RE1 PZ03 0.11983	01-Jul-20	01:15:25
59	59 200630M1_59	2001238-10RE1 FB060820 0.11704	01-Jul-20	01:25:47
60	60 200630M1_60	2001266-01RE1 3911 Blackhawk 0.11925	01-Jul-20	01:36:09
61	61 200630M1_61	2001266-02RE1 3533 CTH CR 0.11844	01-Jul-20	01:46:31
62	62 200630M1_62	2001266-03RE1 3121 Hecker 0.12248	01-Jul-20	01:56:54
63	63 200630M1_63	2001266-04RE1 4219 Viebahn 0.11901	01-Jul-20	02:07:16
64	64 200630M1_64	B0F0168-BLK1 Method Blank 1	01-Jul-20	02:17:38
65	65 200630M1_65	B0F0168-BS1 OPR 1	01-Jul-20	02:28:00
66	66 200630M1_66	2001257-01 AOI3SB20428A-200609 1.2	01-Jul-20	02:38:23
67	67 200630M1_67	2001257-02 AOI3SB20429A-200609 1.36	01-Jul-20	02:48:44
68	68 200630M1_68	2001257-03 AOI3SB20430A-200609 1.8	01-Jul-20	02:59:07

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200630M1_69	IB	01-Jul-20	03:09:29
70	70 200630M1_70	ST200630M1-14 PFC CS3 20F1906	01-Jul-20	03:19:51
71	71 200630M1_71	2001257-04 AOI3SB20431A-200610 8.37	01-Jul-20	03:30:14
72	72 200630M1_72	2001257-05 AOI3SB20432A-200610 1.94	01-Jul-20	03:40:36
73	73 200630M1_73	2001257-06 AOI3SB20433A-200610 4.28	01-Jul-20	03:50:58
74	74 200630M1_74	2001257-08 DUP-AOI3-SB-04-200609 1.19	01-Jul-20	04:01:20
75	75 200630M1_75	B0F0145-BLK1 Method Blank 0.125	01-Jul-20	04:11:42
76	76 200630M1_76	B0F0145-BS1 OPR 0.125	01-Jul-20	04:22:05
77	77 200630M1_77	2001271-01 GW-MW-4 0.11004	01-Jul-20	04:32:27
78	78 200630M1_78	2001271-02 GW-MW-4-DUP 0.11187	01-Jul-20	04:42:49
79	79 200630M1_79	2001271-03 GW-FPC-9B 0.11267	01-Jul-20	04:53:11
80	80 200630M1_80	2001271-04 GW-FPC-3C 0.11161	01-Jul-20	05:03:34
81	81 200630M1_81	2001271-05 GW-FPC-3A 0.10799	01-Jul-20	05:13:56
82	82 200630M1_82	2001271-06 GW-FPC-3B 0.11341	01-Jul-20	05:24:18
83	83 200630M1_83	IB	01-Jul-20	05:34:40
84	84 200630M1_84	ST200630M1-15 PFC CS3 20F1906	01-Jul-20	05:45:06
85	85 200630M1_85	2001271-07 GW-FPC-2B 0.10944	01-Jul-20	05:55:31
86	86 200630M1_86	2001271-08 GW-FPC-2A 0.10841	01-Jul-20	06:05:56
87	87 200630M1_87	2001271-09 EB-Water Level 0.11306	01-Jul-20	06:16:20
88	88 200630M1_88	2001271-10 GW-AE-3B 0.10992	01-Jul-20	06:26:45
89	89 200630M1_89	B0F0219-BLK5 Method Blank 0.125	01-Jul-20	06:37:10
90	90 200630M1_90	B0F0219-BLK6 Method Blank 0.125	01-Jul-20	06:47:32
91	91 200630M1_91	B0F0219-BLK7 Method Blank 0.125	01-Jul-20	06:57:54
92	92 200630M1_92	B0F0219-BS5 OPR 0.125	01-Jul-20	07:08:17
93	93 200630M1_93	B0F0219-BS6 OPR 0.125	01-Jul-20	07:18:39
94	94 200630M1_94	B0F0219-BS7 OPR 0.125	01-Jul-20	07:29:01
95	95 200630M1_95	B0F0223-BLK3 Method Blank 2	01-Jul-20	07:39:24
96	96 200630M1_96	B0F0223-BLK4 Method Blank 2	01-Jul-20	07:49:46
97	97 200630M1_97	B0F0223-BS2 OPR 2	01-Jul-20	08:00:08
98	98 200630M1_98	B0F0223-BS3 OPR 2	01-Jul-20	08:10:30
99	99 200630M1_99	B0F0223-BS4 OPR 2	01-Jul-20	08:20:53
100	100 200630M1_100	IB	01-Jul-20	08:31:15
101	101 200630M1_101	ST200630M1-16 PFC CS3 20F1906	01-Jul-20	08:41:37

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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

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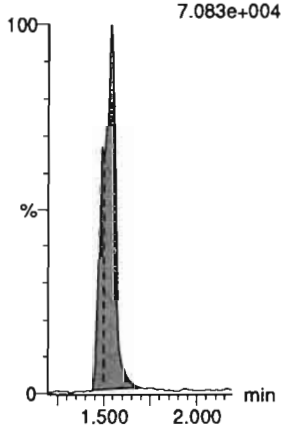
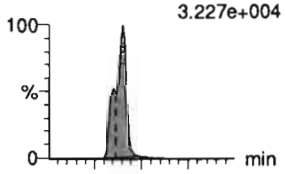
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

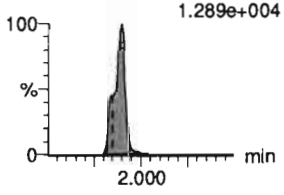
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
7.083e+004



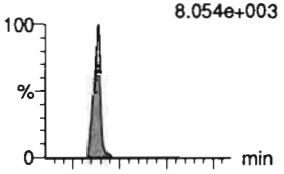
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
3.227e+004



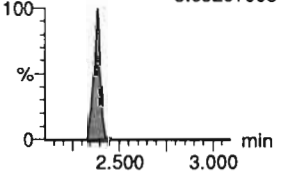
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.289e+004



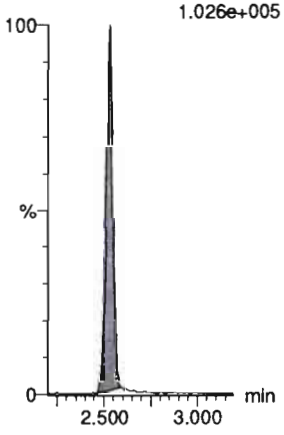
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
8.054e+003



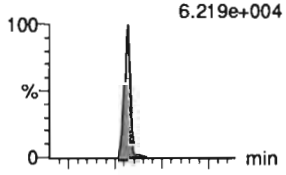
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.692e+003



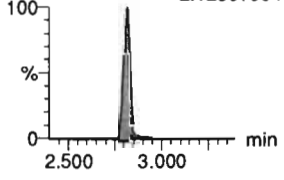
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
1.026e+005



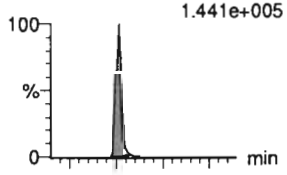
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
6.219e+004



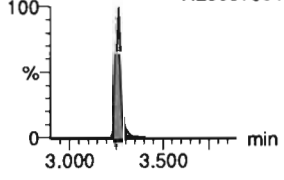
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.123e+004



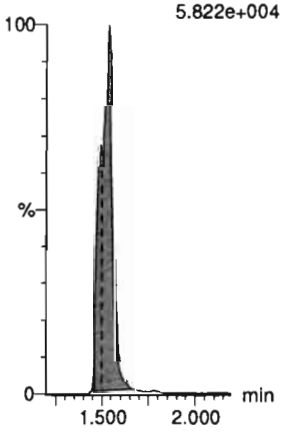
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.441e+005



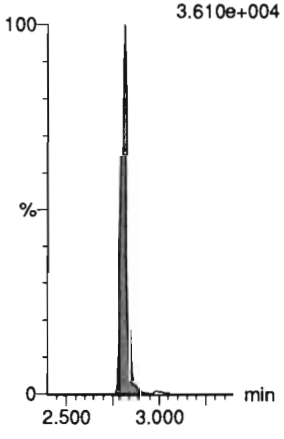
F16:MRM of 2 channels,ES-
327.0 > 80.9
7.230e+004



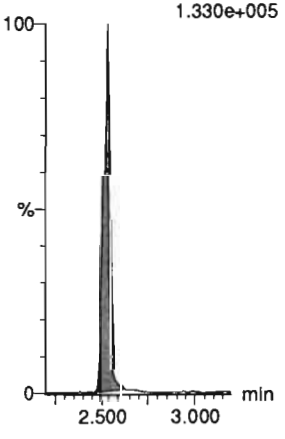
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.822e+004



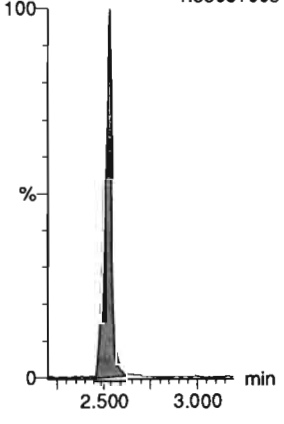
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.610e+004



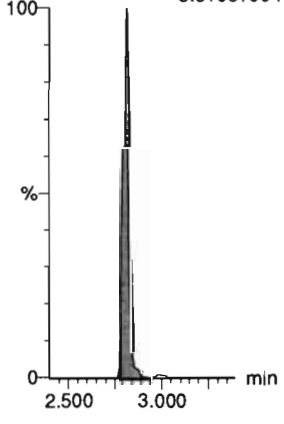
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.330e+005



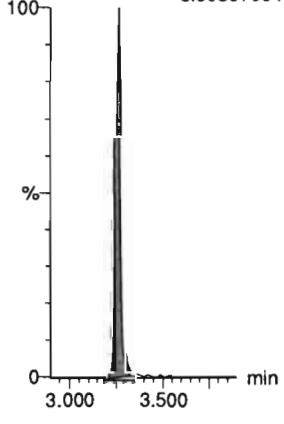
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.330e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.610e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.603e+004



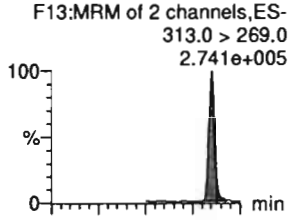
FBR 7/1/2020

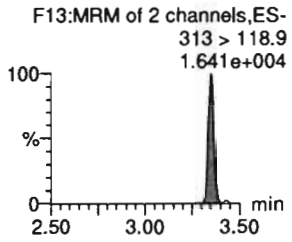
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 15:44:02 Pacific Daylight Time

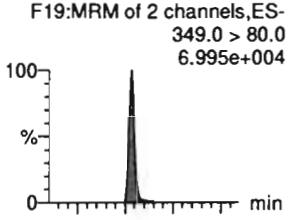
Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

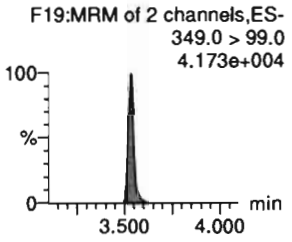
PFHxA



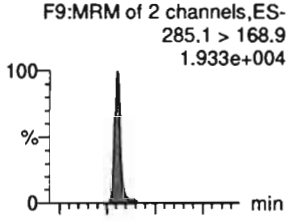


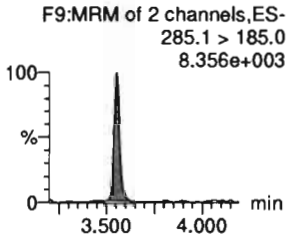
PFPeS



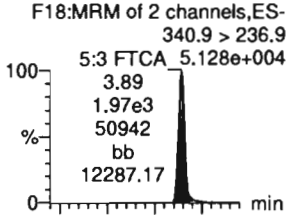


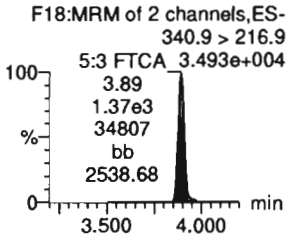
HFPO-DA



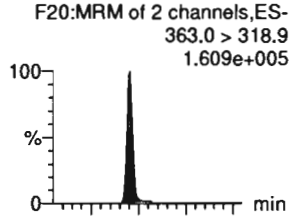


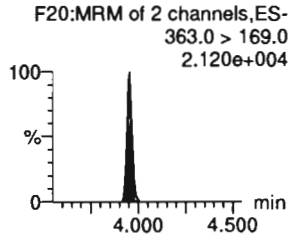
5:3 FTCA



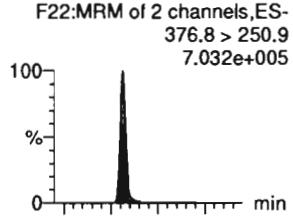


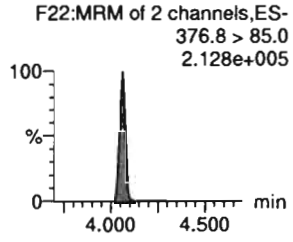
PFHpA



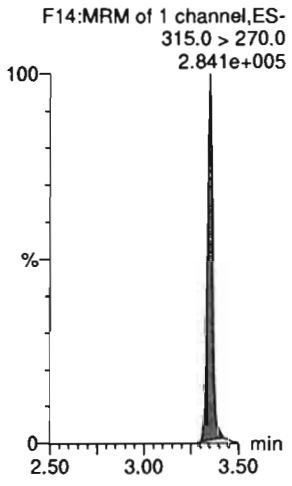


ADONA

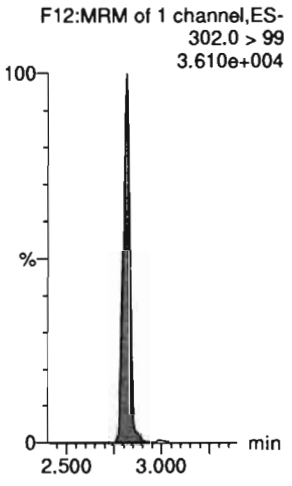




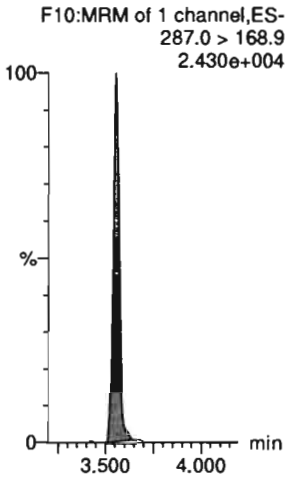
13C2-PFHxA-EIS



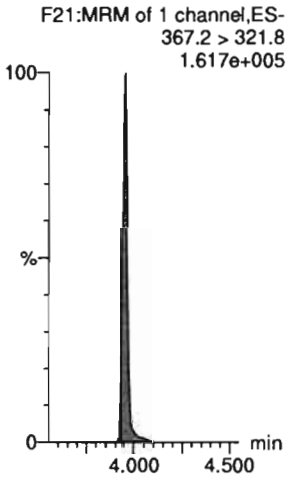
13C3-PFBS-EIS



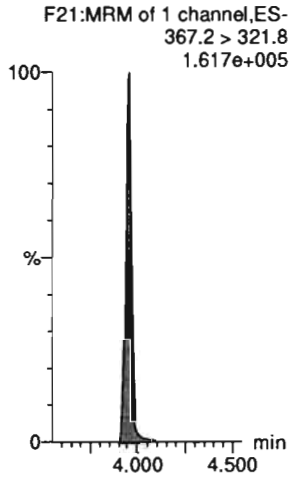
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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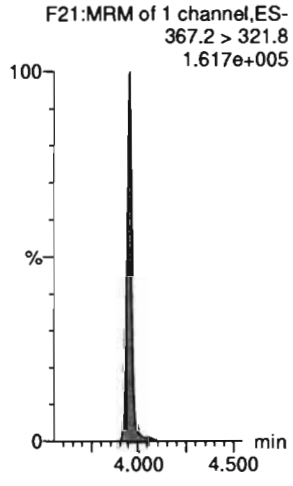
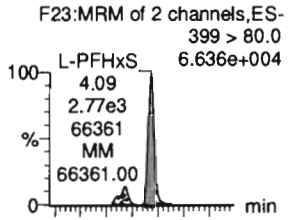


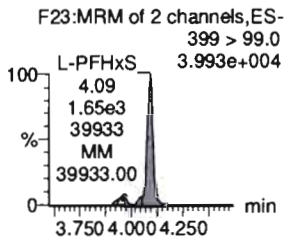
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

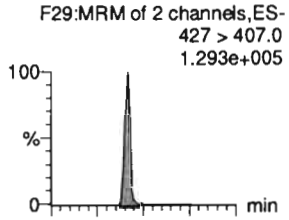
Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

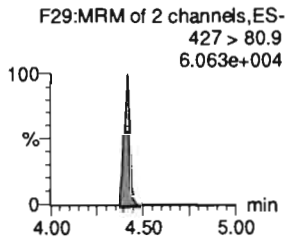
L-PFHxS



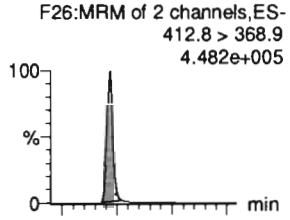


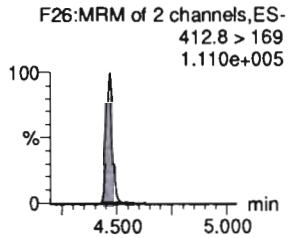
6:2 FTS



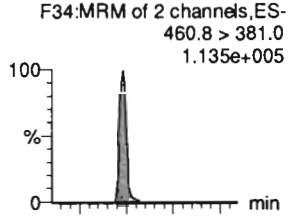


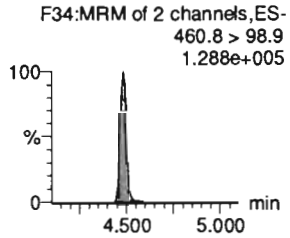
L-PFOA



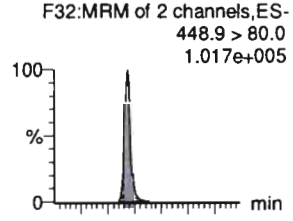


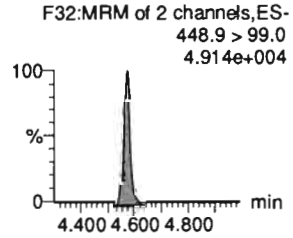
PFEChS



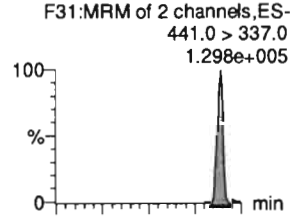


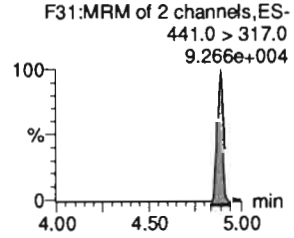
PFHpS



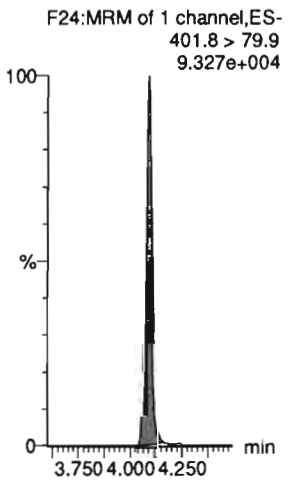


7:3 FTCA

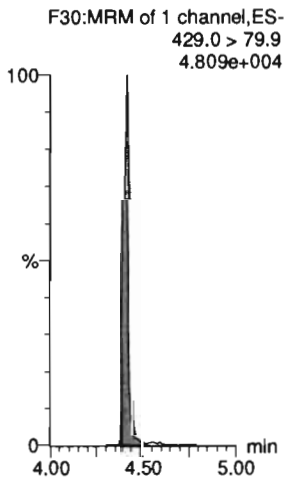




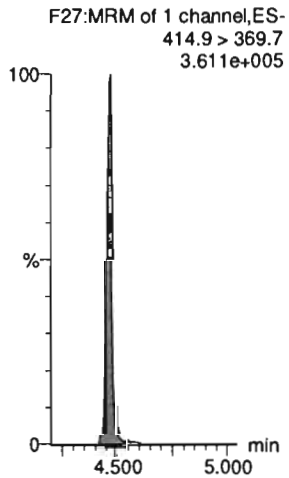
13C3-PFHxS-EIS



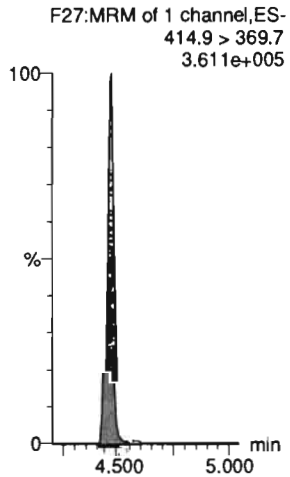
13C2-6:2 FTS-EIS



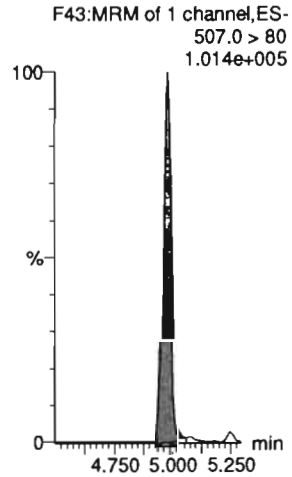
13C2-PFOA-EIS



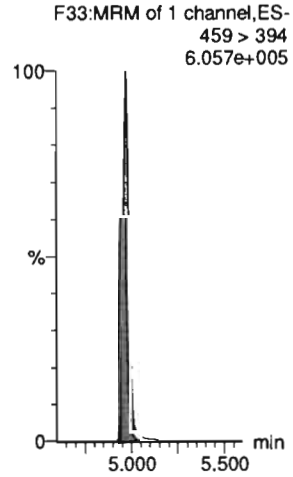
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



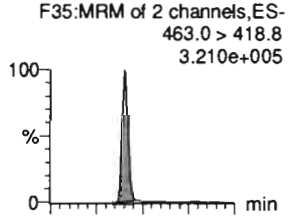
FBR 7/1/2020

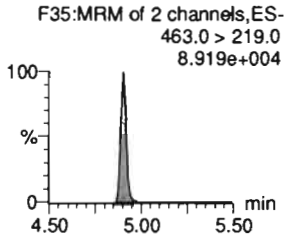
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

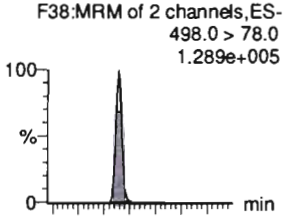
Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

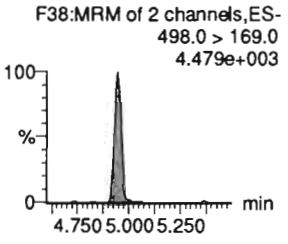
PFNA



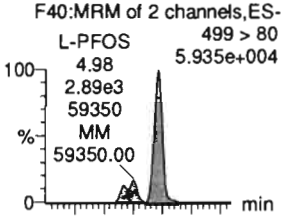


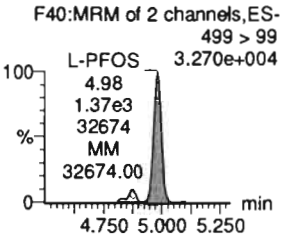
PFOSA



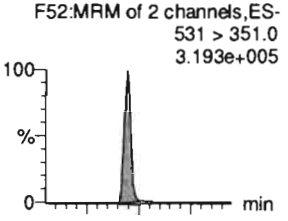


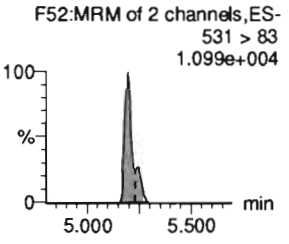
L-PFOS





9Cl-PF30NS





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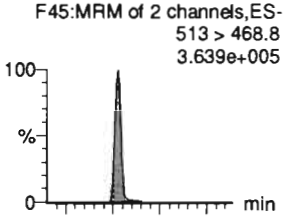
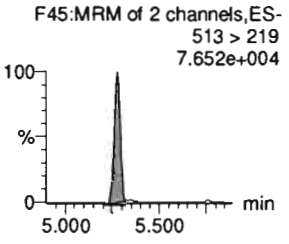
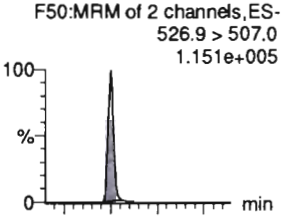
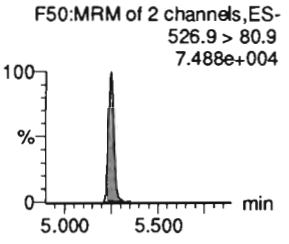


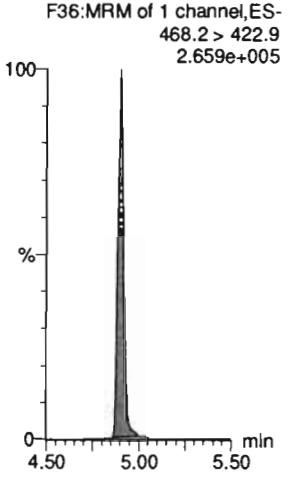


8:2 FTS

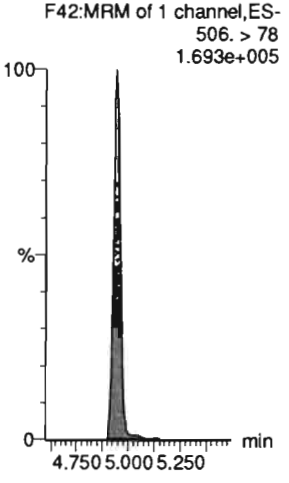




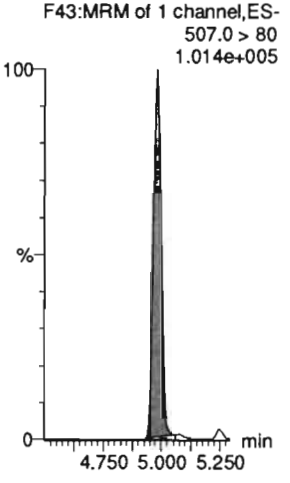
13C5-PFNA-EIS



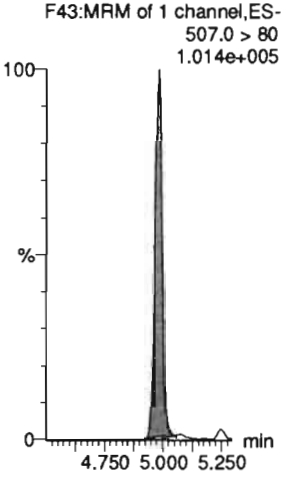
13C8-PFOSA-EIS



13C8-PFOS-EIS



13C8-PFOS-EIS



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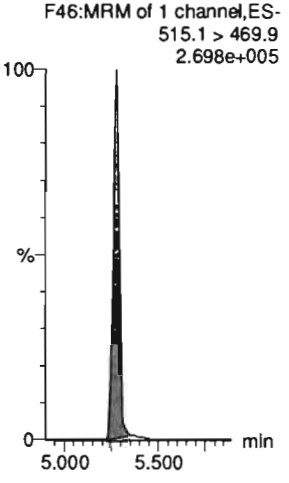
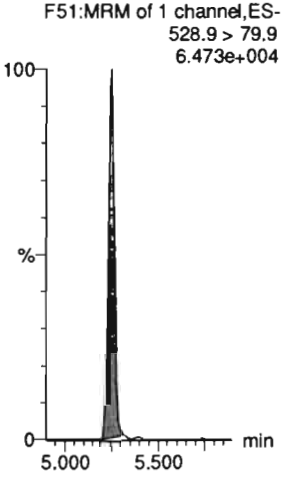


13C2-8:2 FTS-EIS



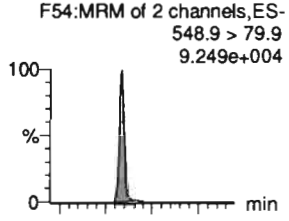
FBR 7/1/2020

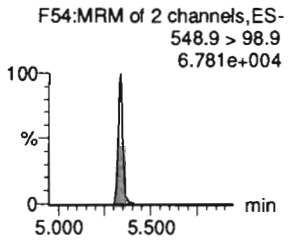
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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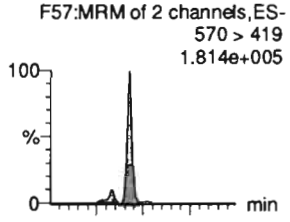

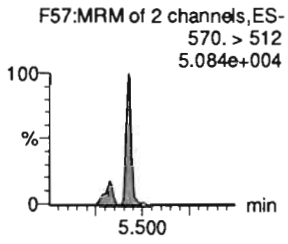

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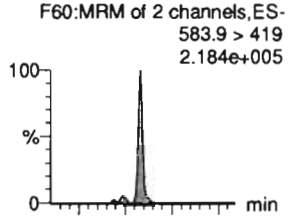
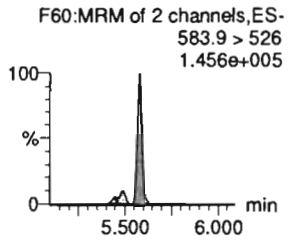
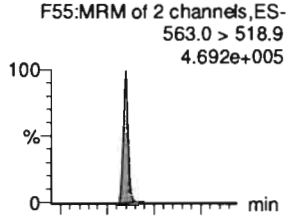
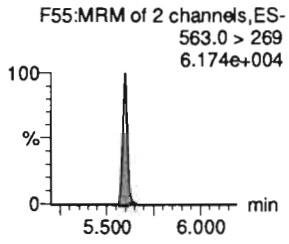




PFUdA





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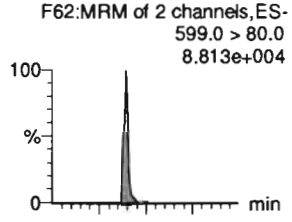
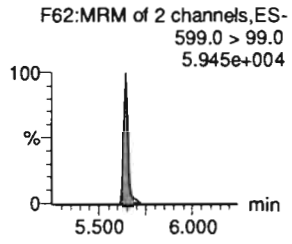
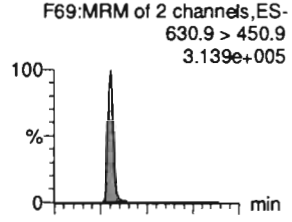
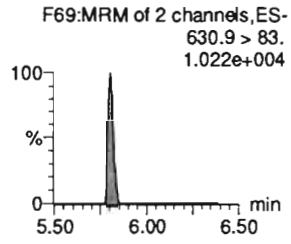


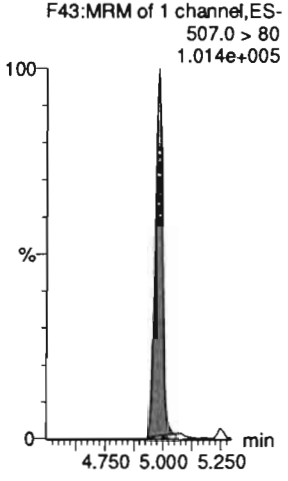


11Cl-PF30UdS

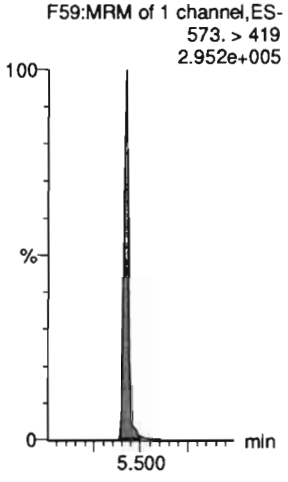




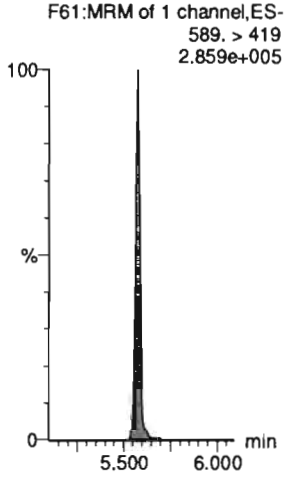
13C8-PFOS-EIS



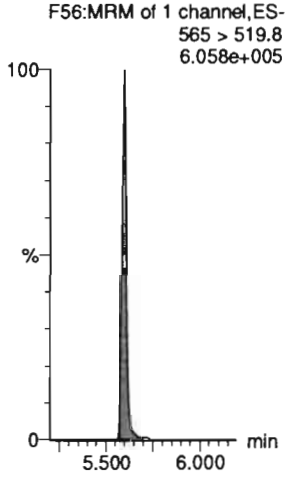
d3-N-MeFOSAA-EIS



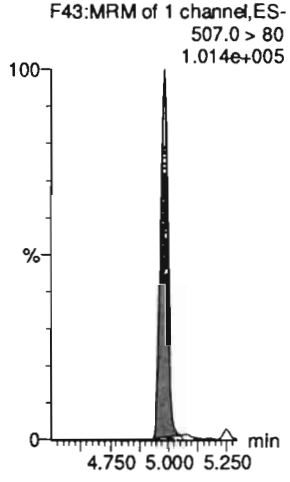
d5-N-EtFOSAA-EIS



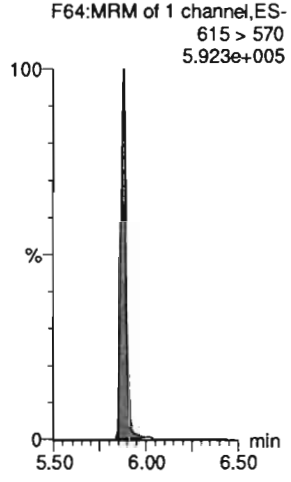
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

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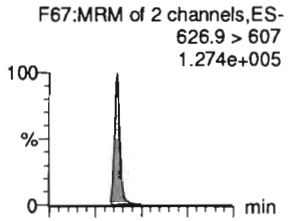
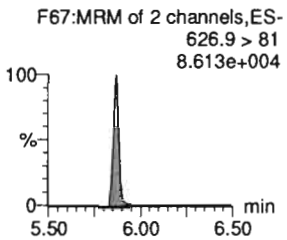
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

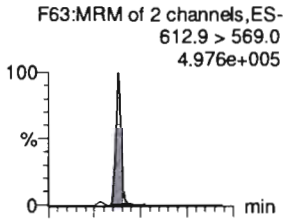
Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

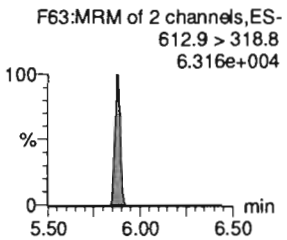
10:2 FTS



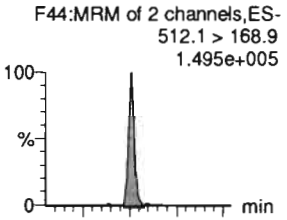


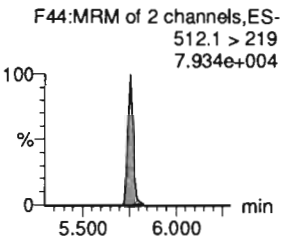
PFDoA



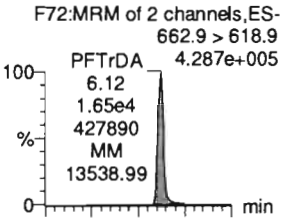


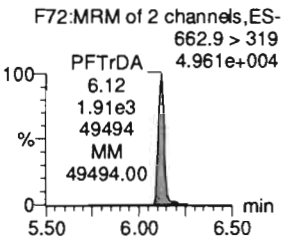
N-MeFOSA



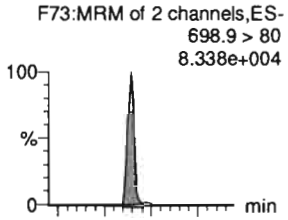


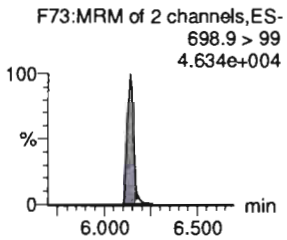
PFTrDA



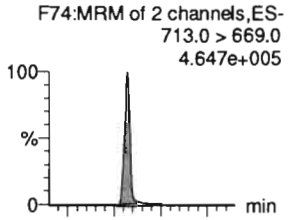


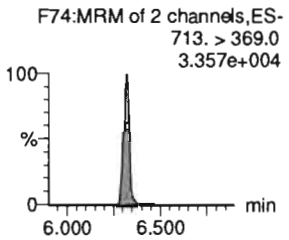
PFDoS



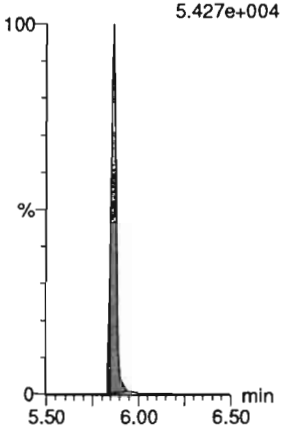


PFTeDA

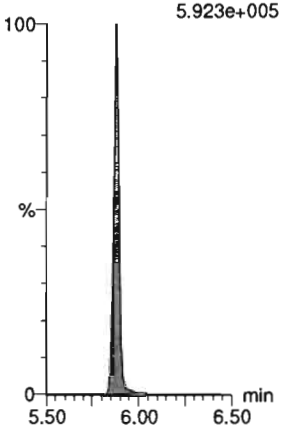




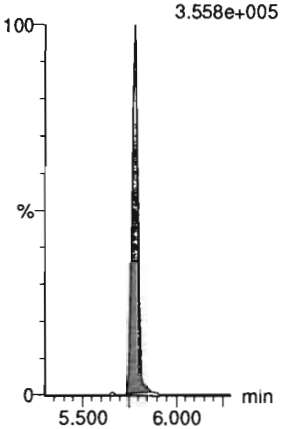
13C2-10:2 FTS-EIS



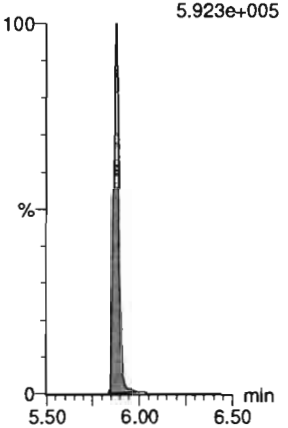
13C2-PFDoA-EIS



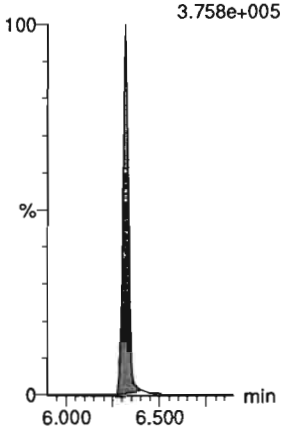
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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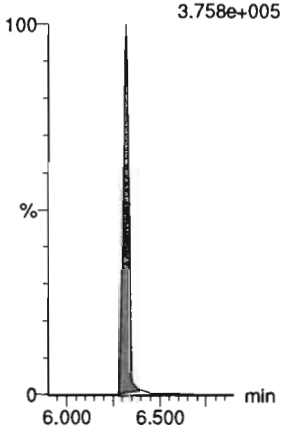

FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

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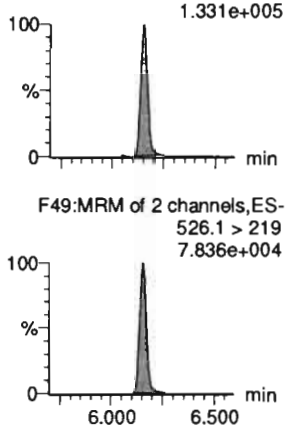
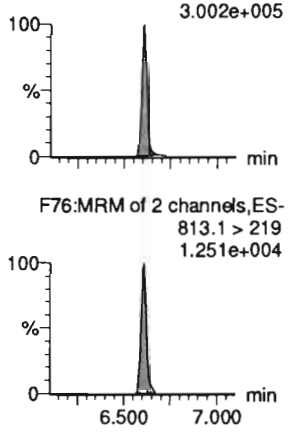
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

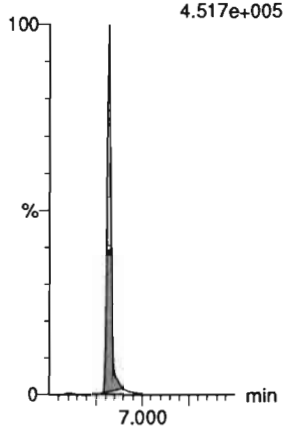
N-EtFOSA



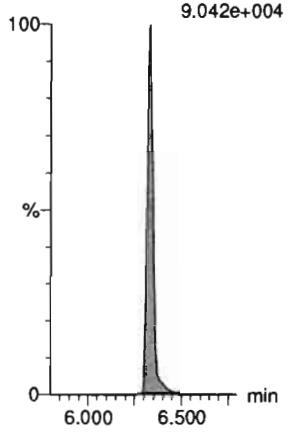
PFHxDA



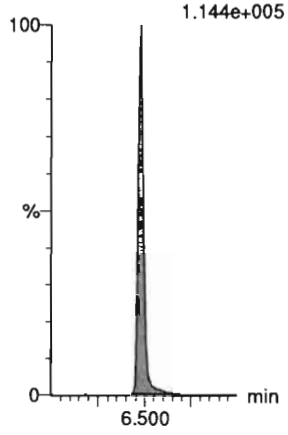
PFODA



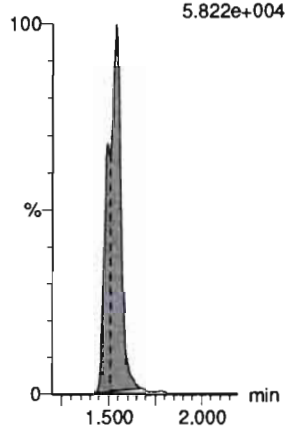
N-MeFOSE



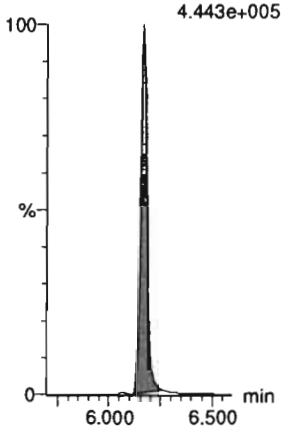
N-EtFOSE



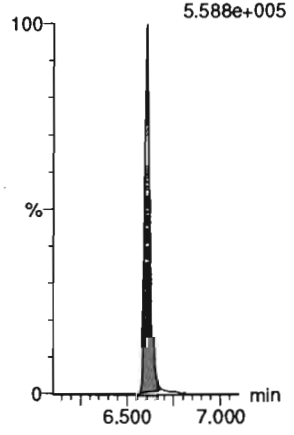
13C3-PFBA-RSD



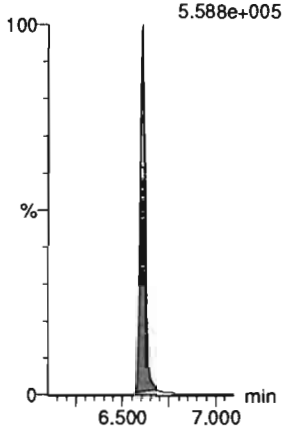
d5-N-ETFOSA-EIS



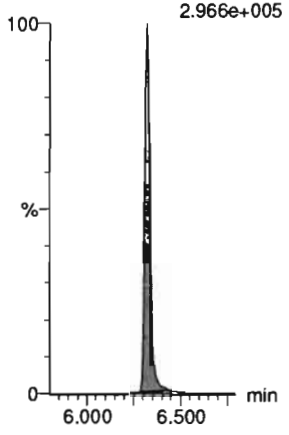
13C2-PFHxDA-EIS



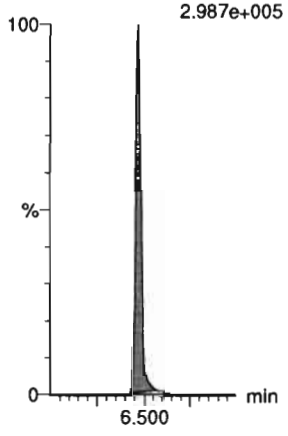
13C2-PFHxDA-EIS



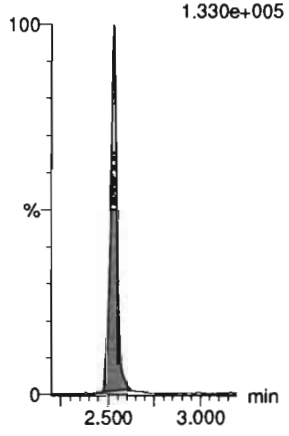
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



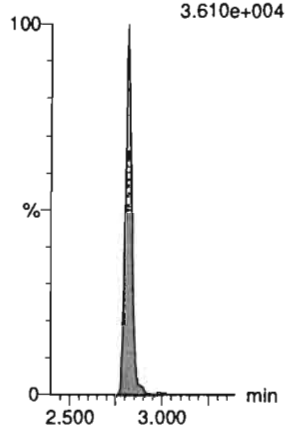
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

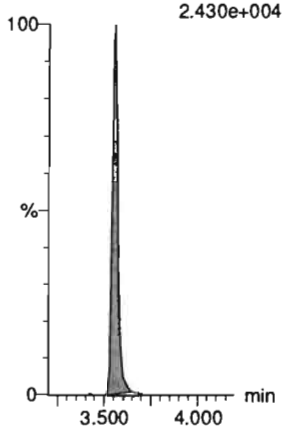
Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

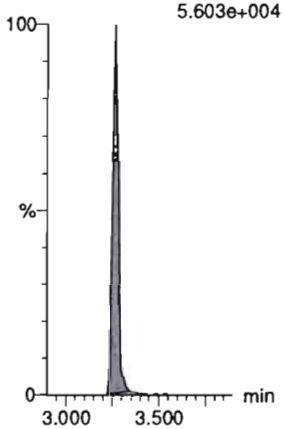
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.610e+004



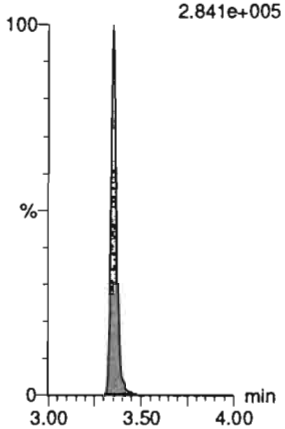
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.430e+004



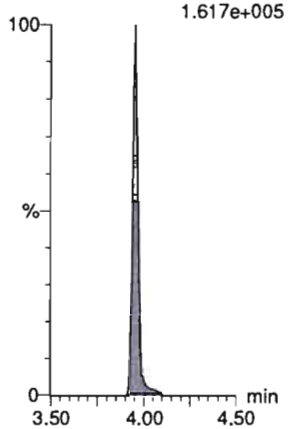
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.603e+004



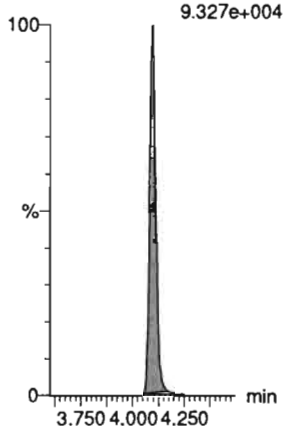
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.841e+005



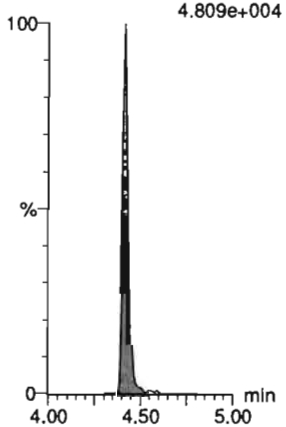
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.617e+005



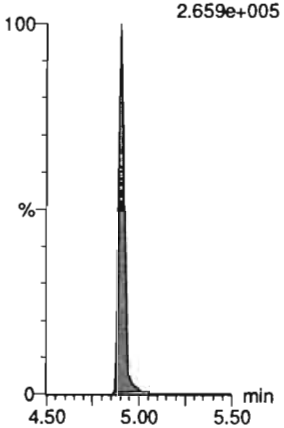
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.327e+004



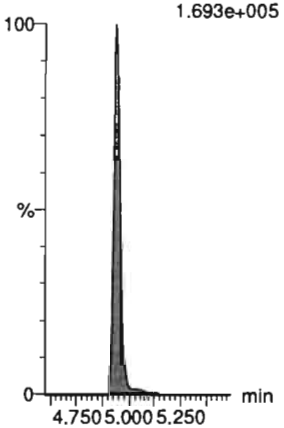
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.809e+004



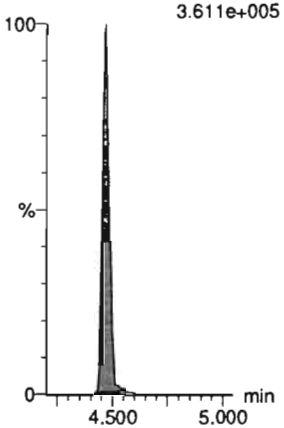
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.659e+005



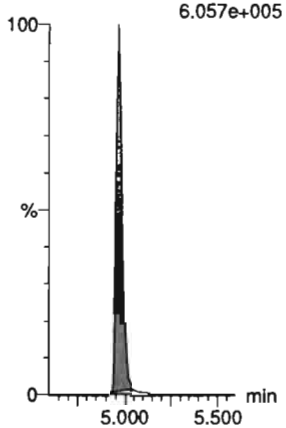
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.693e+005



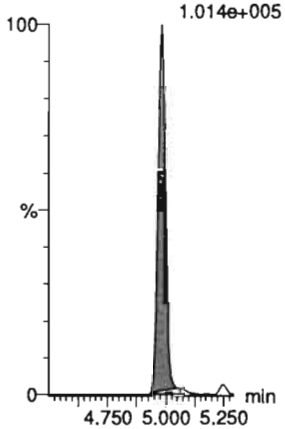
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.611e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
6.057e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.014e+005



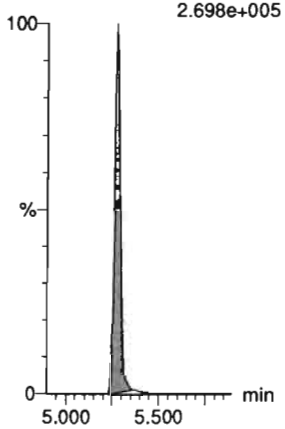
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

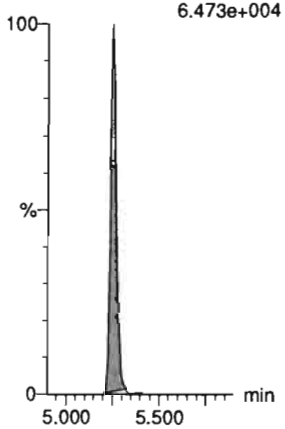
Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

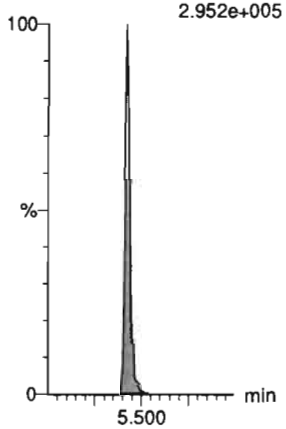
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.698e+005



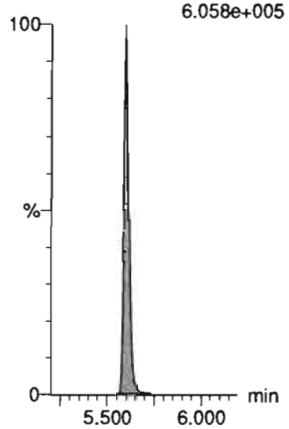
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.473e+004



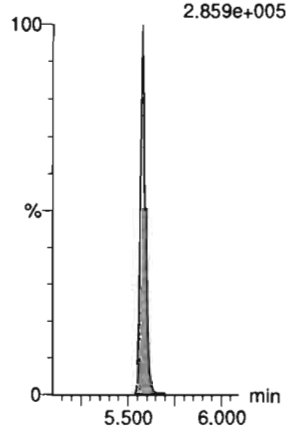
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.952e+005



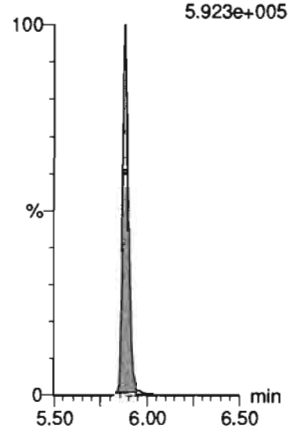
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.058e+005



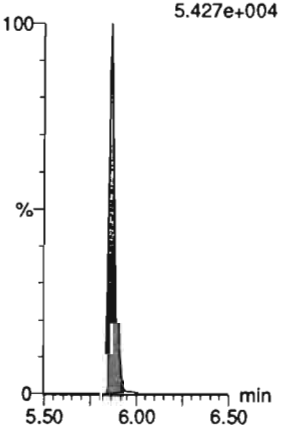
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.859e+005



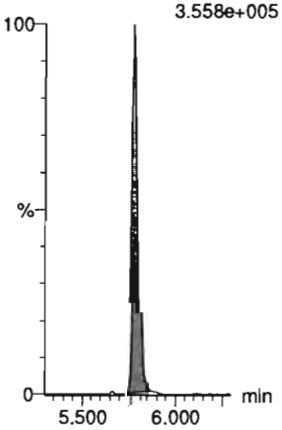
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.923e+005



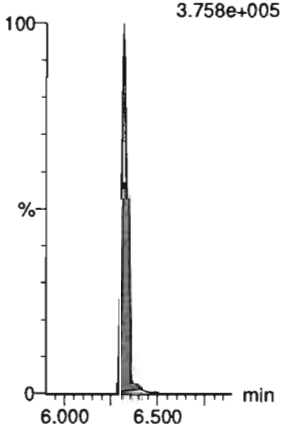
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.427e+004



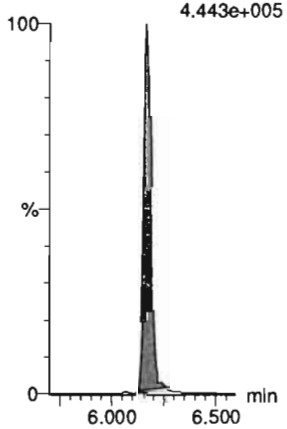
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.558e+005



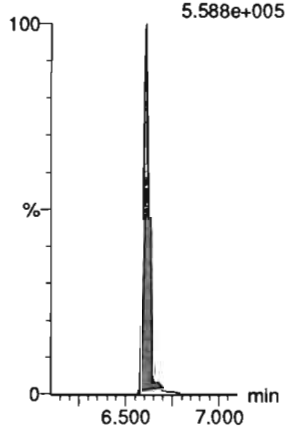
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.758e+005



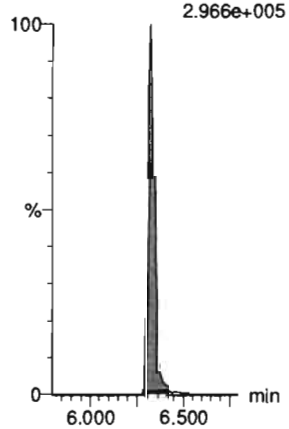
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.443e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.588e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.966e+005



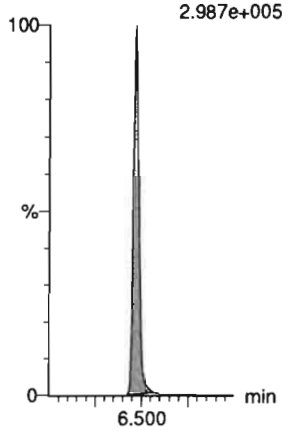
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-84.qld

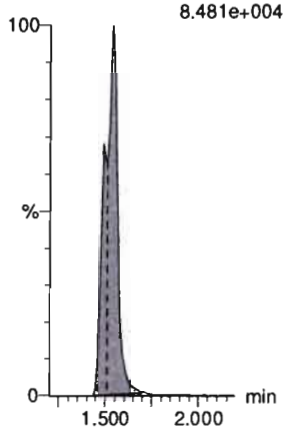
Last Altered: Wednesday, July 01, 2020 13:22:47 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:23:11 Pacific Daylight Time

Name: 200630M1_84, Date: 01-Jul-2020, Time: 05:45:06, ID: ST200630M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

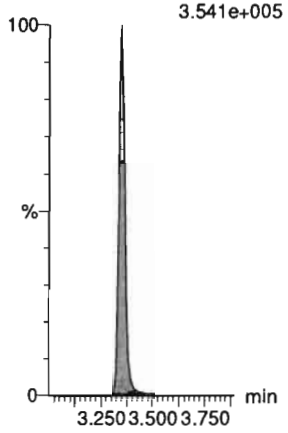
d9-N-EtFOSE-RSD



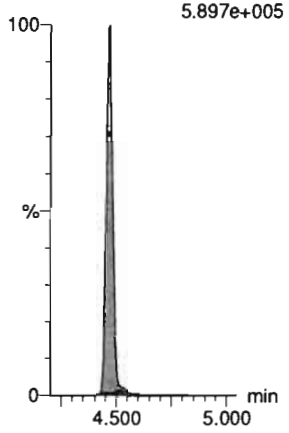
13C4-PFBA



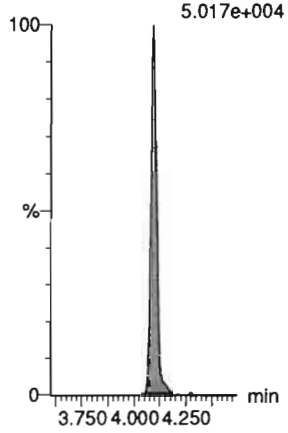
13C5-PFHxA



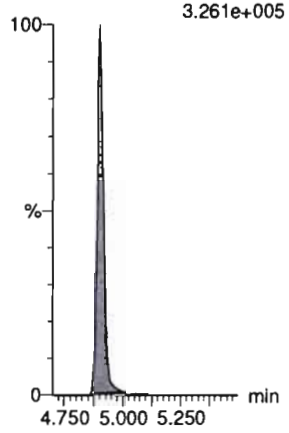
13C8-PFOA



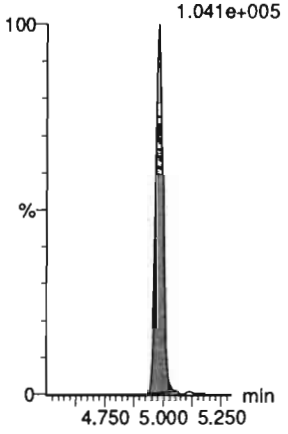
18O2-PFHxS



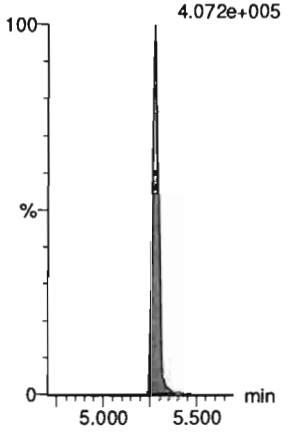
13C9-PFNA



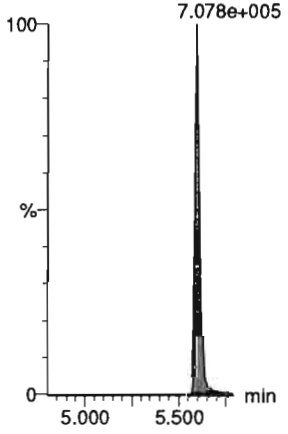
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:32:59 Pacific Daylight Time

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	5506.483	4598.298	1.00	1.53	14.969	10.000	9.83	98.3	NO		
2	2	PFPrS	248.9 > 79.9	2113.510	1487.398	1.00	1.89	17.762	10.000	9.48	94.8	NO	2.484	NO
3	3	3:3 FTCA	241.1 > 177.0	356.072	5543.019	1.00	2.37	0.803	10.000	9.77	97.7	NO	2.195	NO
4	4	PFPeA	263.1 > 218.9	4277.471	5543.019	1.00	2.52	9.646	10.000	10.2	102.2	NO		
5	5	PFBS	299.0 > 79.7	2330.131	1487.398	1.00	2.81	19.582	10.000	9.78	97.8	NO	2.603	NO
6	6	4:2 FTS	327.0 > 306.9	4910.356	2298.599	1.00	3.25	26.703	10.000	10.0	100.2	NO	2.032	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	4598.298		1.00	1.53	4598.298	12.500	12.4	99.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1487.398		1.00	2.81	1487.398	12.500	13.7	109.9	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5543.019		1.00	2.52	5543.019	12.500	12.6	100.8	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5543.019		1.00	2.52	5543.019	12.500	12.6	100.8	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1487.398		1.00	2.81	1487.398	12.500	13.7	109.9	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2298.599		1.00	3.25	2298.599	12.500	12.1	96.9	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9304.413	9433.588	1.00	3.34	12.329	10.000	10.8	108.3	NO	17.181	NO
15	8	PFPeS	349.0 > 80.0	2420.100	1487.398	1.00	3.52	20.338	10.000	9.26	92.6	NO	1.556	NO
16	9	HFPO-DA	285.1 > 168.9	593.213	838.641	1.00	3.55	8.842	10.000	10.2	101.6	NO	1.953	NO
17	10	5:3 FTCA	340.9 > 236.9	1893.409	22330.521	1.00	3.88	1.060	10.000	9.42	94.2	NO	1.457	NO
18	11	PFHpA	363.0 > 318.9	5871.189	5703.493	1.00	3.94	12.868	10.000	10.4	103.6	NO	8.503	NO
19	12	ADONA	376.8 > 250.9	23693.248	5703.493	1.00	4.05	51.927	10.000	9.48	94.8	NO	3.335	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9433.588		1.00	3.34	9433.588	12.500	12.2	97.3	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1487.398		1.00	2.81	1487.398	12.500	13.7	109.9	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	838.641		1.00	3.55	838.641	12.500	11.8	94.6	NO		
23	71	13C2-FOUEA-EIS	459>394	22330.521		1.00	4.96	22330.521	12.500	12.2	97.3	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5703.493		1.00	3.94	5703.493	12.500	12.7	101.4	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5703.493		1.00	3.94	5703.493	12.500	12.7	101.4	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2656.673	3375.841	1.00	4.08	9.837	10.000	9.31	93.1	NO	1.715	NO
28	15	6:2 FTS	427 > 407.0	4322.395	1990.486	1.00	4.40	27.144	10.000	9.19	91.9	NO	2.044	NO
29	16	L-PFOA	412.8 > 368.9	16381.851	12724.468	1.00	4.46	16.093	10.000	10.4	103.6	NO	3.952	NO
30	18	PFecHS	460.8 > 381.0	4785.652	12724.468	1.00	4.47	4.701	10.000	9.63	96.3	NO	0.988	NO
31	19	PFHpS	448.9 > 80.0	2756.958	3757.705	1.00	4.56	9.171	10.000	10.2	101.9	NO	1.801	NO
32	20	7:3 FTCA	441.0 > 337.0	4576.556	22330.521	1.00	4.88	2.562	10.000	10.4	104.1	NO	1.464	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3375.841		1.00	4.08	3375.841	12.500	13.3	106.4	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1990.486		1.00	4.40	1990.486	12.500	17.6	141.2	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12724.468		1.00	4.46	12724.468	12.500	12.3	98.6	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12724.468		1.00	4.46	12724.468	12.500	12.3	98.6	NO		

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Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3757.705		1.00	4.97	3757.705	12.500	14.8	118.7	NO		
38	71	13C2-FOUEA-EIS	459>394	22330.521		1.00	4.96	22330.521	12.500	12.2	97.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	10538.726	9950.846	1.00	4.89	13.238	10.000	9.21	92.1	NO	3.439	NO
41	22	PFOSA	498.0 > 78.0	4984.212	6193.203	1.00	4.93	10.060	10.000	11.0	110.1	NO	31.817	NO
42	23	L-PFOS	499 > 80	2763.474	3757.705	1.00	4.97	9.193	10.000	9.33	93.3	NO	2.040	NO
43	25	9Cl-PF30NS	531 > 351.0	11231.957	3757.705	1.00	5.19	37.363	10.000	10.0	100.2	NO	22.523	NO
44	26	PFDA	513 > 468.8	13701.466	10475.202	1.00	5.26	16.350	10.000	9.94	99.4	NO	4.906	NO
45	27	8:2 FTS	526.9 > 507.0	3981.009	2099.651	1.00	5.24	23.700	10.000	10.0	100.0	NO	1.518	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	9950.846		1.00	4.89	9950.846	12.500	12.7	102.0	NO		
47	67	13C8-PFOSA-EIS	506. > 78	6193.203		1.00	4.93	6193.203	12.500	11.9	95.6	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3757.705		1.00	4.97	3757.705	12.500	14.8	118.7	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3757.705		1.00	4.97	3757.705	12.500	14.8	118.7	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	10475.202		1.00	5.26	10475.202	12.500	12.1	97.1	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2099.651		1.00	5.24	2099.651	12.500	10.5	83.7	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	3253.776	3757.705	1.00	5.32	10.824	10.000	9.85	98.5	NO	1.622	NO
54	29	L-MeFOSAA	570 > 419	6671.340	10363.488	1.00	5.41	8.047	10.000	9.42	94.2	NO	2.527	NO
55	31	L-EtFOSAA	583.9 > 419	6762.114	8898.707	1.00	5.57	9.499	10.000	8.91	89.1	NO	1.309	NO
56	33	PFUdA	563.0 > 518.9	13138.939	17549.762	1.00	5.59	9.358	10.000	10.4	103.9	NO	7.813	NO
57	34	PFDS	599.0 > 80.0	2508.782	3757.705	1.00	5.63	8.345	10.000	9.81	98.1	NO	1.443	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	9920.637	20831.051	1.00	5.79	5.953	10.000	9.08	90.8	NO	17.267	NO
59	73	13C8-PFOS-EIS	507.0 > 80	3757.705		1.00	4.97	3757.705	12.500	14.8	118.7	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	10363.488		1.00	5.41	10363.488	12.500	13.4	107.3	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	8898.707		1.00	5.56	8898.707	12.500	13.1	104.6	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	17549.762		1.00	5.59	17549.762	12.500	12.5	99.8	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3757.705		1.00	4.97	3757.705	12.500	14.8	118.7	NO		
64	85	13C2-PFDoA-EIS	615 > 570	20831.051		1.00	5.87	20831.051	12.500	12.9	102.9	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	4512.705	1820.380	1.00	5.86	30.987	10.000	9.90	99.0	NO	1.595	NO
67	37	PFDoA	612.9 > 569.0	16351.359	20831.051	1.00	5.87	9.812	10.000	9.14	91.4	NO	8.542	NO
68	38	N-MeFOSA	512.1 > 168.9	4347.148	13788.636	1.00	5.75	47.038	50.000	41.3	82.7	NO	1.511	NO
69	39	PFTrDA	662.9 > 618.9	16106.089	20831.051	1.00	6.11	9.665	10.000	9.20	92.0	NO	8.663	NO
70	40	PFDoS	698.9 > 80	3022.753	12687.118	1.00	6.13	2.978	10.000	10.2	102.4	NO	1.774	NO
71	41	PFTeDA	713.0 > 669.0	16494.953	12687.118	1.00	6.31	16.252	10.000	11.0	110.3	NO	14.671	NO
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1820.380		1.00	5.85	1820.380	12.500	12.0	96.1	NO		

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Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	20831.051		1.00	5.87	20831.051	12.500	12.9	102.9	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	13788.636		1.00	5.77	13788.636	149.200	163	109.2	NO		
75	85	13C2-PFDoA-EIS	615 > 570	20831.051		1.00	5.87	20831.051	12.500	12.9	102.9	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	12687.118		1.00	6.31	12687.118	12.500	11.7	93.9	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	12687.118		1.00	6.31	12687.118	12.500	11.7	93.9	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	5020.202	18072.801	1.00	6.15	41.444	50.000	48.3	96.5	NO	1.590	NO
80	43	PFHxDA	813.1 > 768.6	9768.336	18512.133	1.00	6.60	6.596	10.000	10.5	104.7	NO	20.149	NO
81	44	PFODA	913.1 > 868.8	12698.236	18512.133	1.00	6.81	8.574	10.000	11.0	109.5	NO		
82	45	N-MeFOSE	616.1 > 58.9	3346.335	9685.247	1.00	6.33	51.550	50.000	54.7	109.3	NO		
83	46	N-EtFOSE	630.1 > 58.9	3963.746	10442.516	1.00	6.48	56.633	50.000	49.0	98.0	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4598.298	6836.436	1.00	1.53	8.408	12.500	12.6	100.5	NO		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	18072.801		1.00	6.16	18072.801	149.200	150	100.7	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	18512.133		1.00	6.60	18512.133	12.500	12.1	97.0	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	18512.133		1.00	6.60	18512.133	12.500	12.1	97.0	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	9685.247		1.00	6.32	9685.247	149.200	136	91.4	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	10442.516		1.00	6.47	10442.516	149.200	141	94.2	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	5543.019	12219.398	1.00	2.52	5.670	12.500	12.3	98.3	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1488.112	1774.358	1.00	2.81	10.483	12.500	13.6	108.6	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	838.641	12219.398	1.00	3.55	0.858	12.500	10.9	87.1	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	2305.521	1774.358	1.00	3.25	16.242	12.500	13.1	104.9	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	9433.588	12219.398	1.00	3.34	9.650	12.500	12.0	95.7	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5704.286	12219.398	1.00	3.94	5.835	12.500	12.5	100.2	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3375.841	1774.358	1.00	4.08	23.782	12.500	13.4	107.1	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1990.486	3699.248	1.00	4.40	6.726	12.500	12.9	103.2	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	9950.846	10891.808	1.00	4.89	11.420	12.500	12.9	103.0	NO		
100	68	13C8-PFOSA-RSD	506. > 78	6193.203	19639.188	1.00	4.93	3.942	12.500	14.0	111.6	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	12727.379	20984.129	1.00	4.46	7.582	12.500	12.2	97.8	NO		
102	72	13C2-FOUEA-RSD	459>394	22330.521	20984.129	1.00	4.96	13.302	12.500	12.3	98.2	NO		
103	74	13C8-PFOS-RSD	507.0 > 80	3757.705	3699.248	1.00	4.97	12.698	12.500	12.4	99.3	NO		
104	-1													
105	76	13C2-PFDA-RSD	515.1 > 469.9	10456.074	15499.651	1.00	5.26	8.433	12.500	11.3	90.3	NO		
106	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2099.651	3699.248	1.00	5.24	7.095	12.500	11.3	90.1	NO		
107	80	d3-N-MeFOSAA-RSD	573. > 419	10363.488	19639.188	1.00	5.41	6.596	12.500	13.4	107.2	NO		
108	82	13C2-PFUdA-RSD	565 > 519.8	17554.949	19639.188	1.00	5.59	11.173	12.500	12.7	101.8	NO		

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Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	d5-N-EtFOSAA-RSD	589. > 419	8898.707	19639.188	1.00	5.56	5.664	12.500	13.7	109.9	NO		
110	86	13C2-PFDoA-RSD	615 > 570	20831.051	15499.651	1.00	5.87	16.800	12.500	12.5	99.7	NO		
111	88	13C2-10:2 FTS-RSD	633 > 79.9	1840.650	3699.248	1.00	5.85	6.220	12.500	12.5	100.0	NO		
112	90	d3-N-MeFOSA-RSD	515.2 > 168.9	13788.636	19639.188	1.00	5.77	8.776	149.200	175	117.2	NO		
113	92	13C2-PFTeDA-RSD	715.1 > 669.7	12687.118	19639.188	1.00	6.31	8.075	12.500	12.3	98.1	NO		
114	94	d5-N-ETFOSA-RSD	531.1 > 168.9	18072.801	19639.188	1.00	6.16	11.503	149.200	170	113.7	NO		
115	96	13C2-PFHxDA-RSD	815 > 769.7	18512.133	19639.188	1.00	6.60	11.783	12.500	12.4	99.1	NO		
116	98	d7-N-MeFOSE-RSD	623.1 > 58.9	9685.247	19639.188	1.00	6.32	6.164	149.200	155	103.9	NO		
117	-1													
118	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10442.516	19639.188	1.00	6.47	6.646	149.200	154	103.5	NO		
119	1...	13C4-PFBA	217.0 > 172.0	6836.436	6836.436	1.00	1.53	12.500	12.500	12.5	100.0	NO		
120	1...	13C5-PFHxA	318.0 > 272.9	12219.398	12219.398	1.00	3.34	12.500	12.500	12.5	100.0	NO		
121	1...	13C8-PFOA	420.9 > 376.0	20984.129	20984.129	1.00	4.46	12.500	12.500	12.5	100.0	NO		
122	1...	18O2-PFHxS	403.0 > 103.0	1774.358	1774.358	1.00	4.08	12.500	12.500	12.5	100.0	NO		
123	1...	13C9-PFNA	472.2 > 426.9	10891.808	10891.808	1.00	4.89	12.500	12.500	12.5	100.0	NO		
124	1...	13C4-PFOS	503 > 80.0	3699.248	3699.248	1.00	4.97	12.500	12.500	12.5	100.0	NO		
125	1...	13C6-PFDA	519.1 > 473.7	15499.651	15499.651	1.00	5.26	12.500	12.500	12.5	100.0	NO		
126	1...	13C7-PFUdA	570.1 > 524.8	19639.188	19639.188	1.00	5.59	12.500	12.500	12.5	100.0	NO		

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200630M1_1	IPA	30-Jun-20	15:23:26
2	2 200630M1_2	IPA	30-Jun-20	15:33:46
3	3 200630M1_3	ST200630M1-1 PFC CS-2 20F1901	30-Jun-20	15:44:08
4	4 200630M1_4	ST200630M1-2 PFC CS-1 20F1902	30-Jun-20	15:54:31
5	5 200630M1_5	ST200630M1-3 PFC CS0 20F1903	30-Jun-20	16:04:53
6	6 200630M1_6	ST200630M1-4 PFC CS1 20F1904	30-Jun-20	16:15:15
7	7 200630M1_7	ST200630M1-5 PFC CS2 20F1905	30-Jun-20	16:25:40
8	8 200630M1_8	ST200630M1-6 PFC CS3 20F1906	30-Jun-20	16:36:04
9	9 200630M1_9	ST200630M1-7 PFC CS4 20F1907	30-Jun-20	16:46:29
10	10 200630M1_10	ST200630M1-8 PFC CS5 20F1908	30-Jun-20	16:56:53
11	11 200630M1_11	ST200630M1-9 PFC CS6 20F1909	30-Jun-20	17:07:19
12	12 200630M1_12	ST200630M1-10 PFC CS7 20F1910	30-Jun-20	17:17:41
13	13 200630M1_13	IB	30-Jun-20	17:28:03
14	14 200630M1_14	ICV200630M1-1 PFC ICV 20F1911	30-Jun-20	17:38:26
15	15 200630M1_15	IB	30-Jun-20	17:48:48
16	16 200630M1_16	B0F0097-BS1 OPR 0.25	30-Jun-20	17:59:10
17	17 200630M1_17	2001239-02 EB060420 0.125	30-Jun-20	18:09:32
18	18 200630M1_18	2001239-05 WT05 0.125	30-Jun-20	18:19:55
19	19 200630M1_19	2001234-01 3303 Hecker 0.125	30-Jun-20	18:30:19
20	20 200630M1_20	2001234-03 3609 Hecker 0.125	30-Jun-20	18:40:43
21	21 200630M1_21	2001234-05 3817 Viebahn 0.125	30-Jun-20	18:51:09
22	22 200630M1_22	2001234-06 3625 Hecker 0.125	30-Jun-20	19:01:34
23	23 200630M1_23	2001234-09 3720 Hecker 0.125	30-Jun-20	19:11:58
24	24 200630M1_24	2001333-03 SMW01B-20Q2 0.25048	30-Jun-20	19:22:23
25	25 200630M1_25	2001333-04 SMW11B1-20Q2 0.25132	30-Jun-20	19:32:47
26	26 200630M1_26	2001333-05 SMW11A-20Q2 0.24435	30-Jun-20	19:43:13
27	27 200630M1_27	2001333-06 SMW17A-20Q2 0.23637	30-Jun-20	19:53:35
28	28 200630M1_28	IB	30-Jun-20	20:03:57
29	29 200630M1_29	ST200630M1-11 PFC CS3 20F1906	30-Jun-20	20:14:20
30	30 200630M1_30	2001333-07 SMW17B1-20Q2 0.24478	30-Jun-20	20:24:42
31	31 200630M1_31	2001333-08 SMW16A-20Q2 0.25013	30-Jun-20	20:35:04
32	32 200630M1_32	2001333-09 SMW15A-20Q2 0.25798	30-Jun-20	20:45:26

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Dataset: Untitled

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Printed: Wednesday, July 01, 2020 13:36:12 Pacific Daylight Time

Compound name: PFBA

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35	35 200630M1_35	2001333-12 SMW06B-20Q2 0.24647	30-Jun-20	21:16:39
36	36 200630M1_36	2001333-13 SMW12A-20Q2 0.24293	30-Jun-20	21:27:04
37	37 200630M1_37	2001333-14 SMW12B1-20Q2 0.2426	30-Jun-20	21:37:29
38	38 200630M1_38	2001333-15 SMW10A-20Q2 0.24929	30-Jun-20	21:47:54
39	39 200630M1_39	2001333-16 SMW10B1-20Q2 0.24423	30-Jun-20	21:58:19
40	40 200630M1_40	IB	30-Jun-20	22:08:45
41	41 200630M1_41	ST200630M1-12 PFC CS3 20F1906	30-Jun-20	22:19:07
42	42 200630M1_42	2001333-17 SMW10B1-20Q2-D 0.24803	30-Jun-20	22:29:29
43	43 200630M1_43	2001333-18 SMW13A-20Q2 0.25102	30-Jun-20	22:39:51
44	44 200630M1_44	2001333-19 SMW13A-20Q2-D 0.25559	30-Jun-20	22:50:14
45	45 200630M1_45	2001333-20 SMW13B1-20Q2 0.24699	30-Jun-20	23:00:36
46	46 200630M1_46	B0F0276-BLK1 Method Blank 0.125	30-Jun-20	23:10:58
47	47 200630M1_47	B0F0276-BS1 OPR 0.125	30-Jun-20	23:21:20
48	48 200630M1_48	2001238-01RE1 PZ30 0.11294	30-Jun-20	23:31:42
49	49 200630M1_49	2001238-02RE1 PZ30A 0.11302	30-Jun-20	23:42:04
50	50 200630M1_50	2001238-03RE1 PZ31 0.11522	30-Jun-20	23:52:27
51	51 200630M1_51	2001238-04RE1 PZ32 0.11728	01-Jul-20	00:02:49
52	52 200630M1_52	2001238-05RE1 PZ32A 0.11578	01-Jul-20	00:13:11
53	53 200630M1_53	2001238-06RE1 PZ33 0.11573	01-Jul-20	00:23:33
54	54 200630M1_54	IB	01-Jul-20	00:33:56
55	55 200630M1_55	ST200630M1-13 PFC CS3 20F1906	01-Jul-20	00:44:18
56	56 200630M1_56	2001238-07RE1 PZ33A 0.11958	01-Jul-20	00:54:40
57	57 200630M1_57	2001238-08RE1 PZ01 0.11816	01-Jul-20	01:05:02
58	58 200630M1_58	2001238-09RE1 PZ03 0.11983	01-Jul-20	01:15:25
59	59 200630M1_59	2001238-10RE1 FB060820 0.11704	01-Jul-20	01:25:47
60	60 200630M1_60	2001266-01RE1 3911 Blackhawk 0.11925	01-Jul-20	01:36:09
61	61 200630M1_61	2001266-02RE1 3533 CTH CR 0.11844	01-Jul-20	01:46:31
62	62 200630M1_62	2001266-03RE1 3121 Hecker 0.12248	01-Jul-20	01:56:54
63	63 200630M1_63	2001266-04RE1 4219 Viebahn 0.11901	01-Jul-20	02:07:16
64	64 200630M1_64	B0F0168-BLK1 Method Blank 1	01-Jul-20	02:17:38
65	65 200630M1_65	B0F0168-BS1 OPR 1	01-Jul-20	02:28:00
66	66 200630M1_66	2001257-01 AOI3SB20428A-200609 1.2	01-Jul-20	02:38:23
67	67 200630M1_67	2001257-02 AOI3SB20429A-200609 1.36	01-Jul-20	02:48:44
68	68 200630M1_68	2001257-03 AOI3SB20430A-200609 1.8	01-Jul-20	02:59:07

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, July 01, 2020 13:35:42 Pacific Daylight Time
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Compound name: PFBA

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72	72 200630M1_72	2001257-05 AOI3SB20432A-200610 1.94	01-Jul-20	03:40:36
73	73 200630M1_73	2001257-06 AOI3SB20433A-200610 4.28	01-Jul-20	03:50:58
74	74 200630M1_74	2001257-08 DUP-AOI3-SB-04-200609 1.19	01-Jul-20	04:01:20
75	75 200630M1_75	B0F0145-BLK1 Method Blank 0.125	01-Jul-20	04:11:42
76	76 200630M1_76	B0F0145-BS1 OPR 0.125	01-Jul-20	04:22:05
77	77 200630M1_77	2001271-01 GW-MW-4 0.11004	01-Jul-20	04:32:27
78	78 200630M1_78	2001271-02 GW-MW-4-DUP 0.11187	01-Jul-20	04:42:49
79	79 200630M1_79	2001271-03 GW-FPC-9B 0.11267	01-Jul-20	04:53:11
80	80 200630M1_80	2001271-04 GW-FPC-3C 0.11161	01-Jul-20	05:03:34
81	81 200630M1_81	2001271-05 GW-FPC-3A 0.10799	01-Jul-20	05:13:56
82	82 200630M1_82	2001271-06 GW-FPC-3B 0.11341	01-Jul-20	05:24:18
83	83 200630M1_83	IB	01-Jul-20	05:34:40
84	84 200630M1_84	ST200630M1-15 PFC CS3 20F1906	01-Jul-20	05:45:06
85	85 200630M1_85	2001271-07 GW-FPC-2B 0.10944	01-Jul-20	05:55:31
86	86 200630M1_86	2001271-08 GW-FPC-2A 0.10841	01-Jul-20	06:05:56
87	87 200630M1_87	2001271-09 EB-Water Level 0.11306	01-Jul-20	06:16:20
88	88 200630M1_88	2001271-10 GW-AE-3B 0.10992	01-Jul-20	06:26:45
89	89 200630M1_89	B0F0219-BLK5 Method Blank 0.125	01-Jul-20	06:37:10
90	90 200630M1_90	B0F0219-BLK6 Method Blank 0.125	01-Jul-20	06:47:32
91	91 200630M1_91	B0F0219-BLK7 Method Blank 0.125	01-Jul-20	06:57:54
92	92 200630M1_92	B0F0219-BS5 OPR 0.125	01-Jul-20	07:08:17
93	93 200630M1_93	B0F0219-BS6 OPR 0.125	01-Jul-20	07:18:39
94	94 200630M1_94	B0F0219-BS7 OPR 0.125	01-Jul-20	07:29:01
95	95 200630M1_95	B0F0223-BLK3 Method Blank 2	01-Jul-20	07:39:24
96	96 200630M1_96	B0F0223-BLK4 Method Blank 2	01-Jul-20	07:49:46
97	97 200630M1_97	B0F0223-BS2 OPR 2	01-Jul-20	08:00:08
98	98 200630M1_98	B0F0223-BS3 OPR 2	01-Jul-20	08:10:30
99	99 200630M1_99	B0F0223-BS4 OPR 2	01-Jul-20	08:20:53
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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:32:59 Pacific Daylight Time

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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

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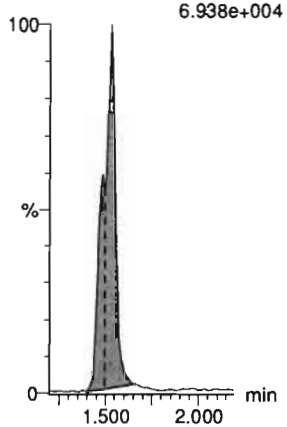

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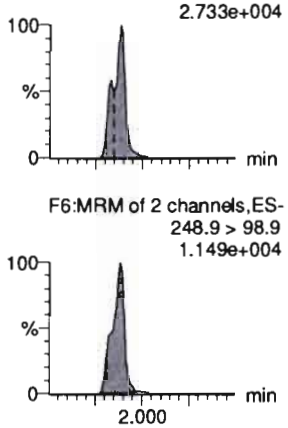

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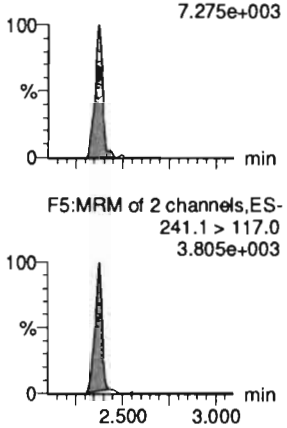

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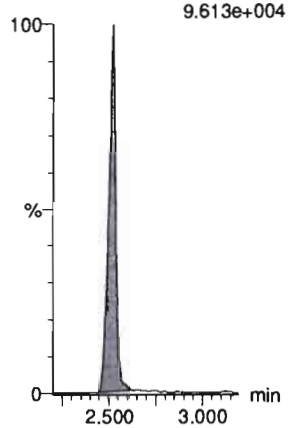

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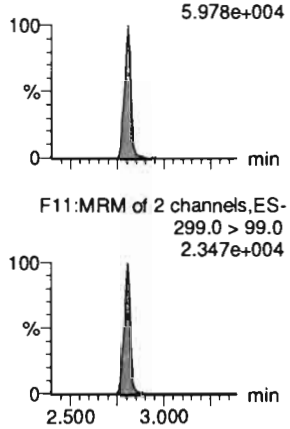
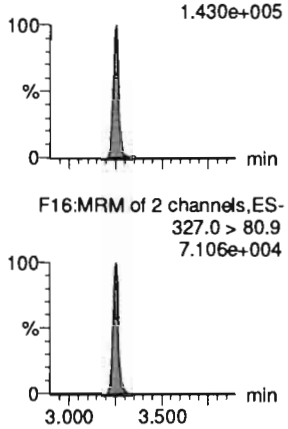


4:2 FTS



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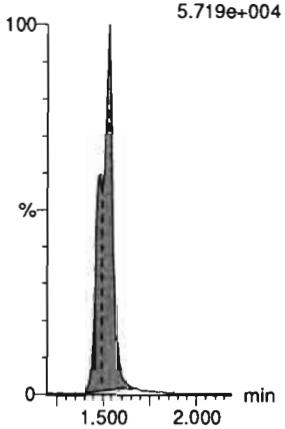

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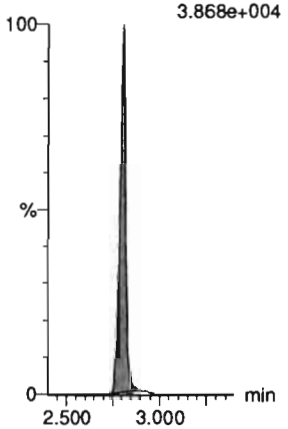

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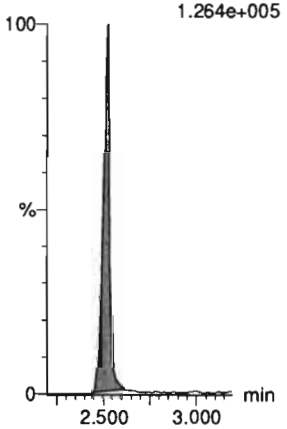

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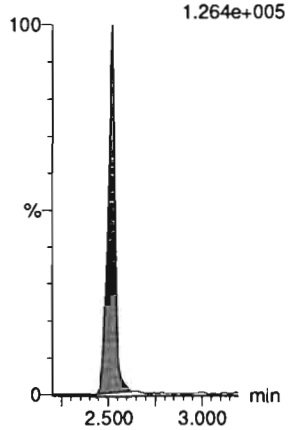

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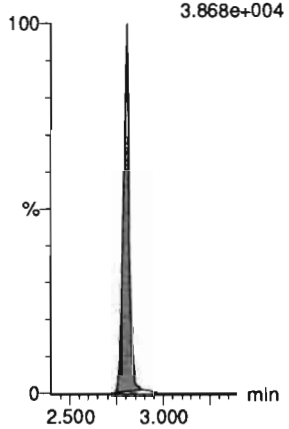

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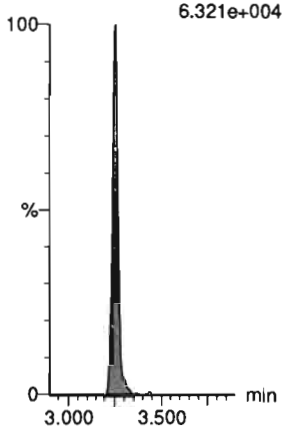


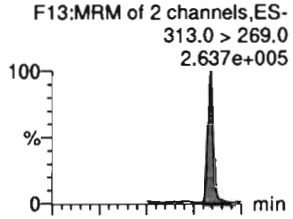
FBR 7/1/2020

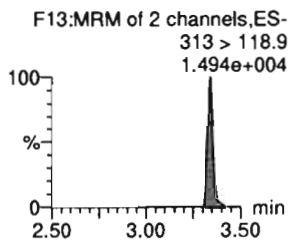
Dataset: M:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 15:45:22 Pacific Daylight Time

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFHxA





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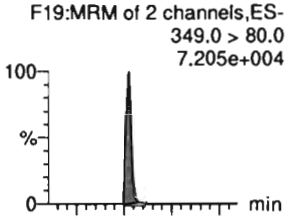

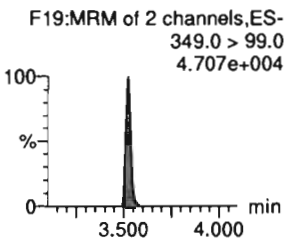

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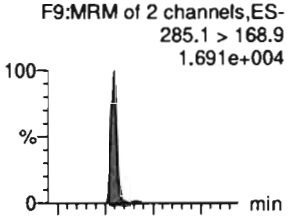

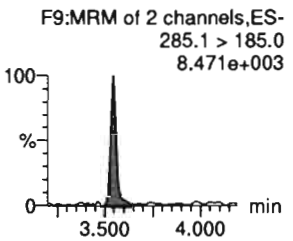

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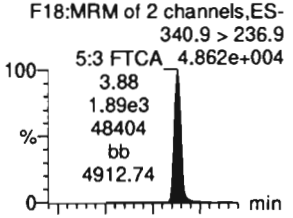

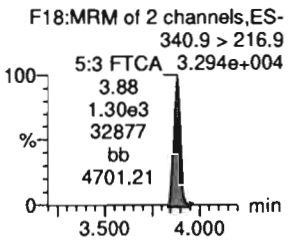

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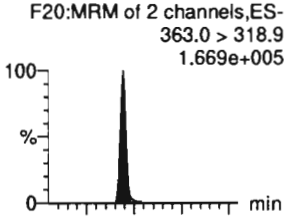

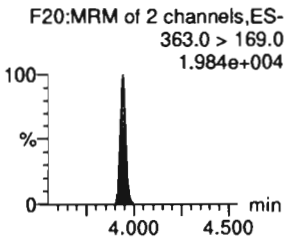

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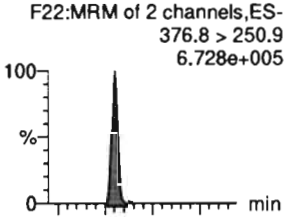

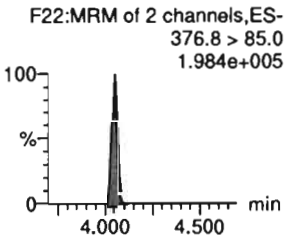

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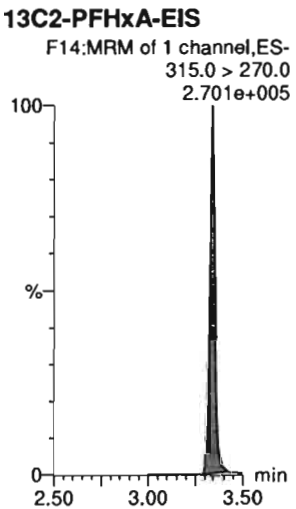

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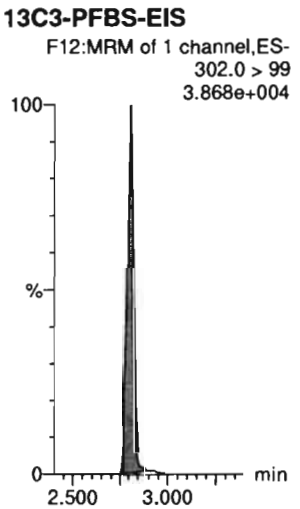

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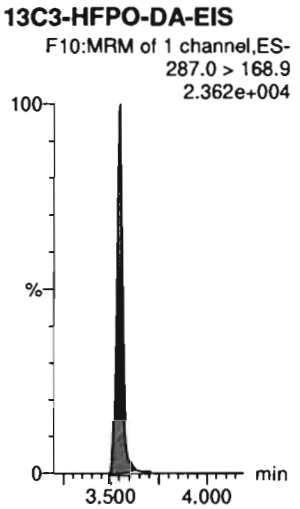

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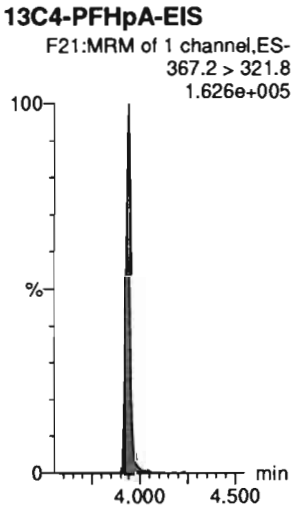

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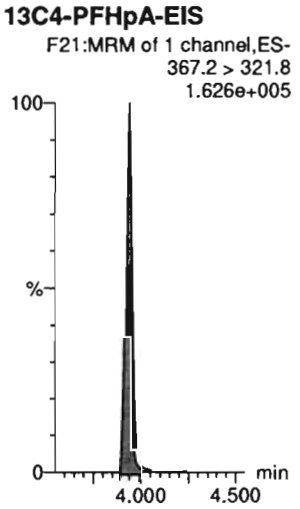

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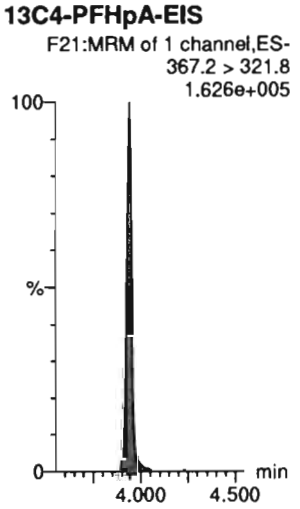

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
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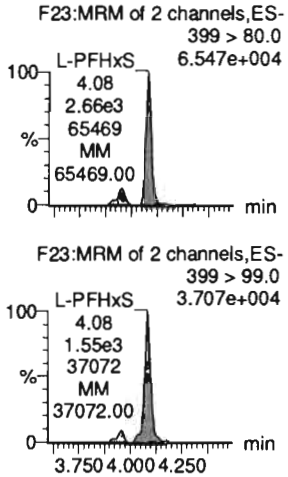
Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

L-PFHxS



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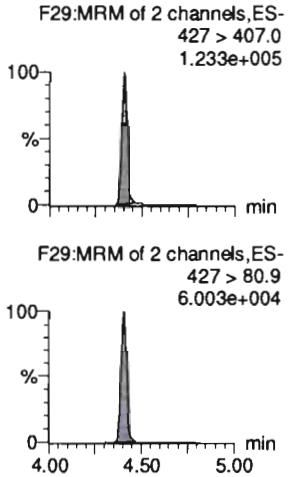
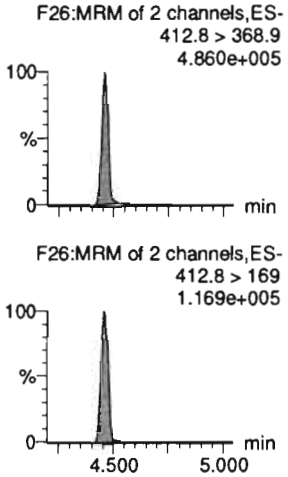


L-PFOA



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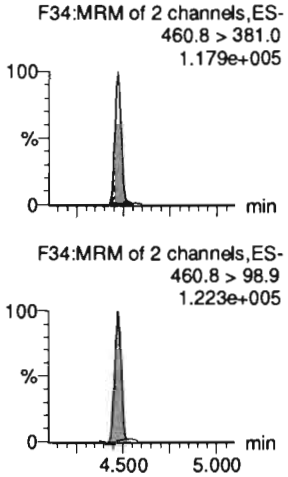
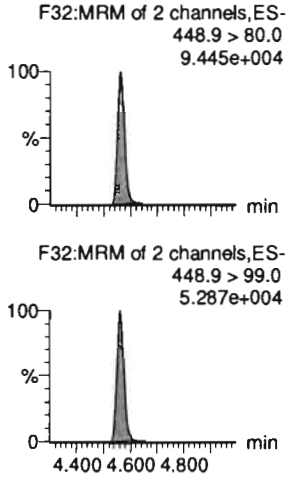
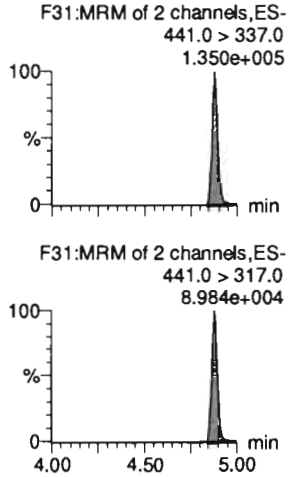


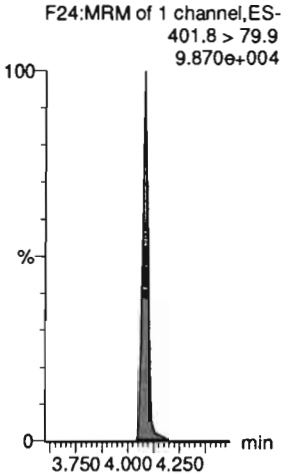
PFHpS



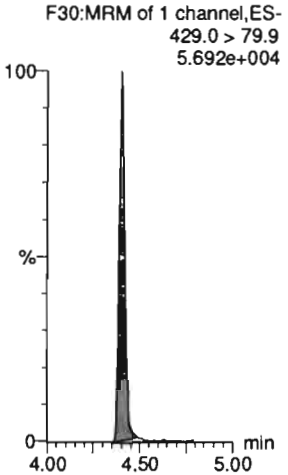
7:3 FTCA



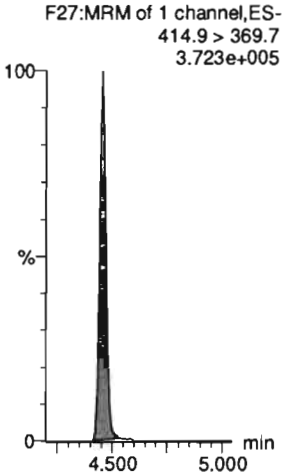
13C3-PFHxS-EIS



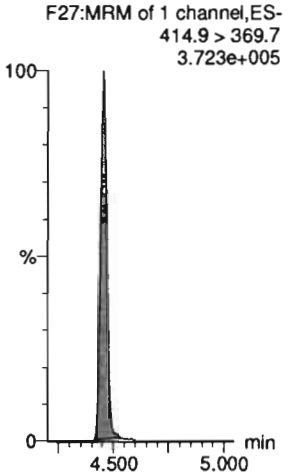
13C2-6:2 FTS-EIS



13C2-PFOA-EIS



13C2-PFOA-EIS



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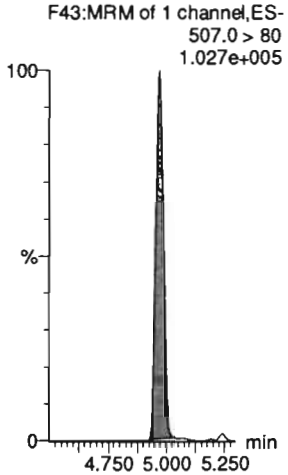
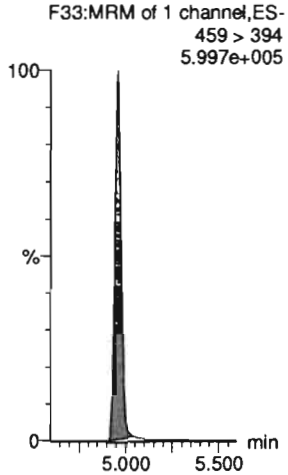


13C2-FOUEA-EIS



FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:32:59 Pacific Daylight Time

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

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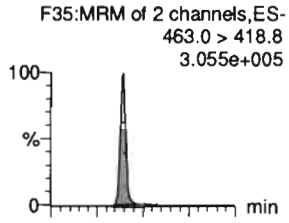

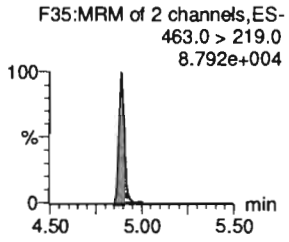

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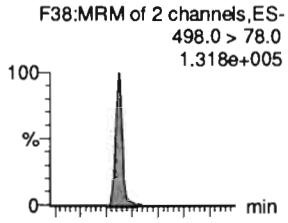
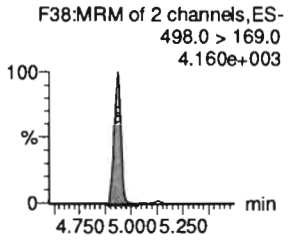
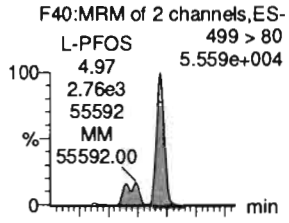
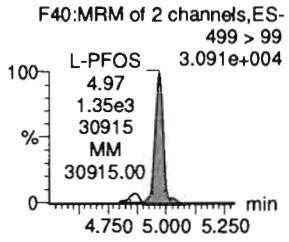


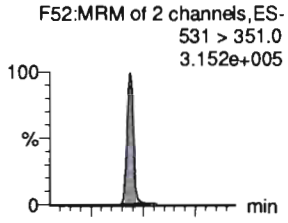


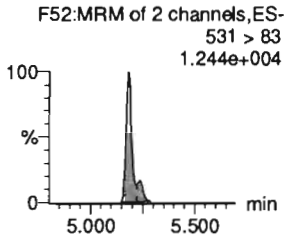
L-PFOS





9Cl-PF30NS





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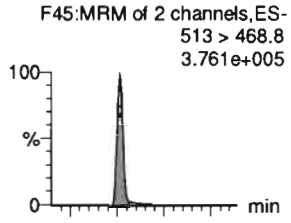
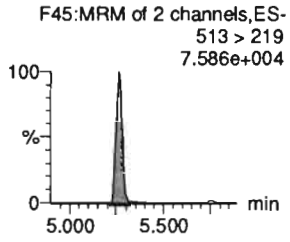
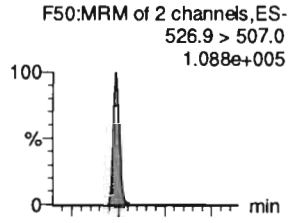
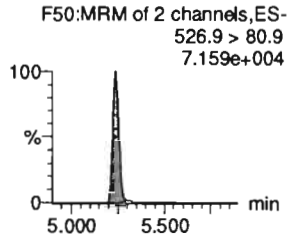


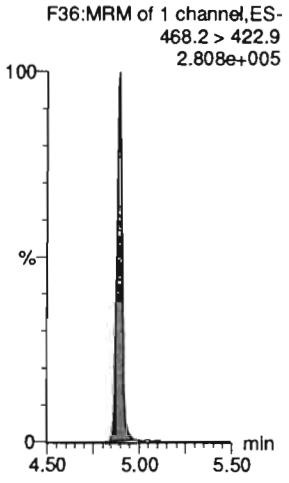


8:2 FTS

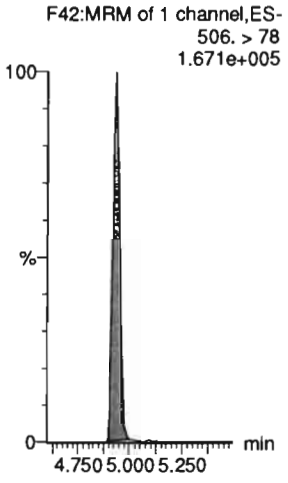




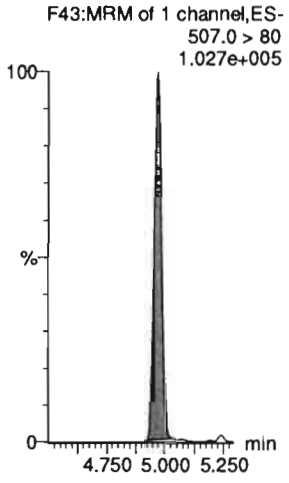
13C5-PFNA-EIS



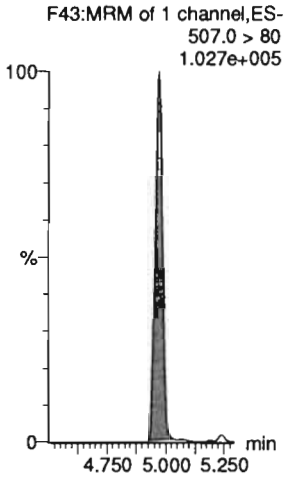
13C8-PFOSA-EIS



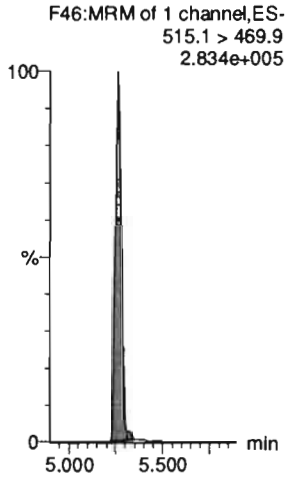
13C8-PFOS-EIS



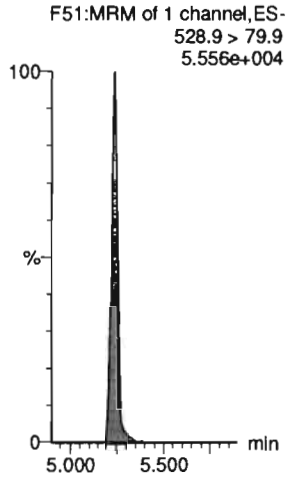
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
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Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

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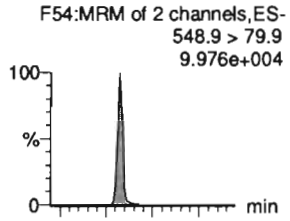

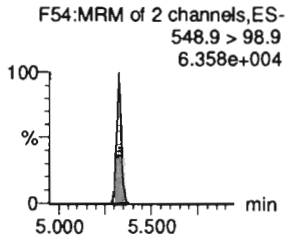

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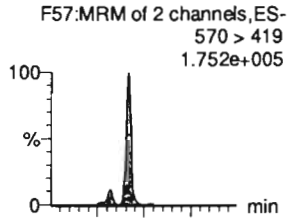

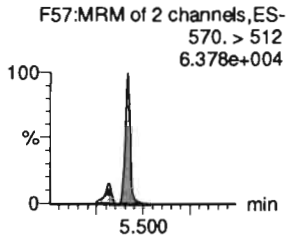

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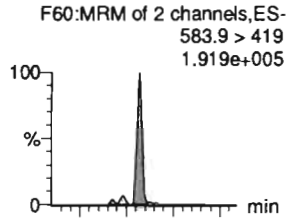
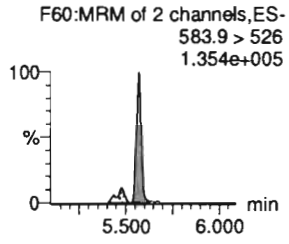
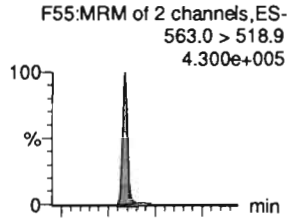
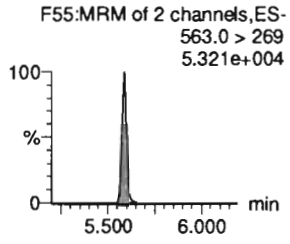




PFUdA





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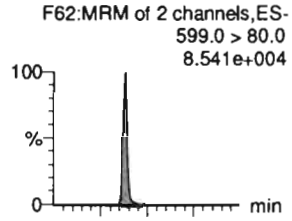
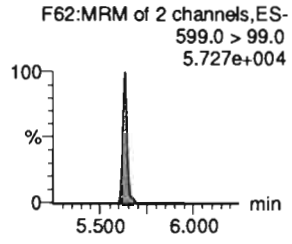
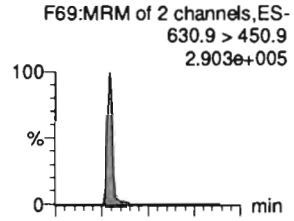
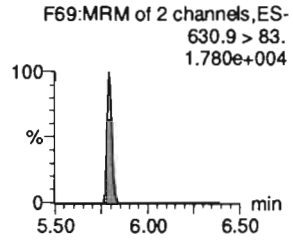


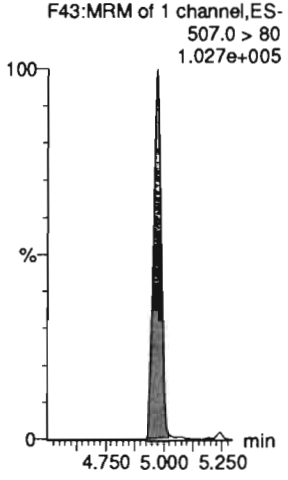


11Cl-PF30UdS

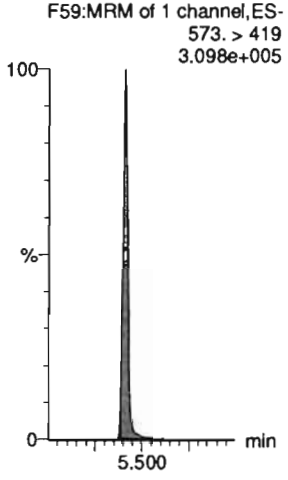




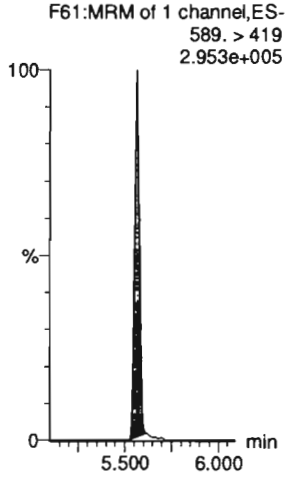
13C8-PFOS-EIS



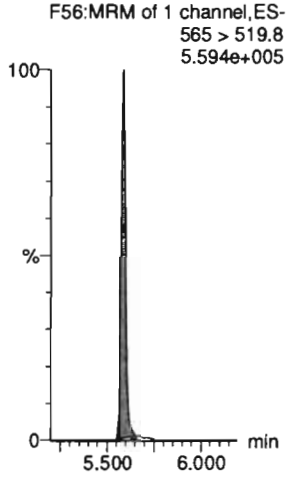
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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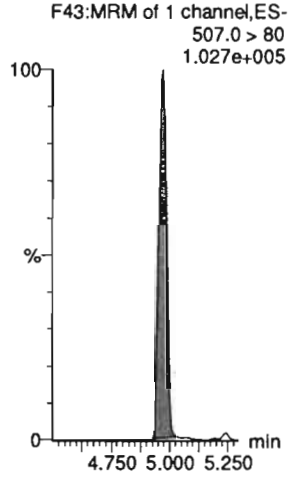
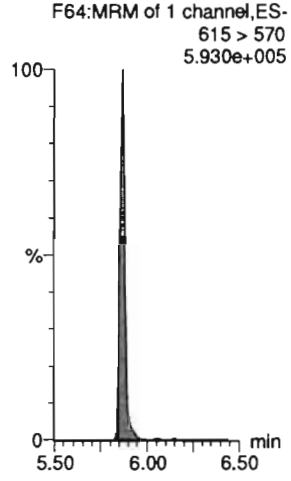


13C2-PFDoA-EIS



FBR 7/1/2020

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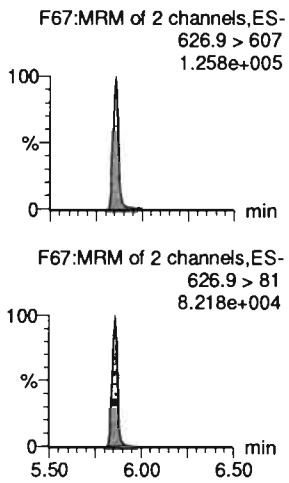
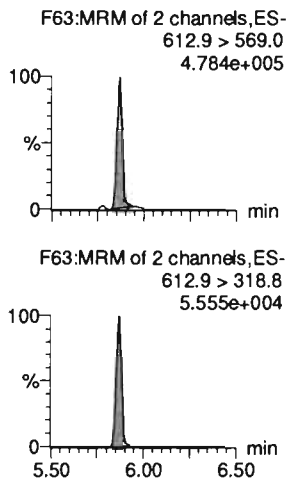
Printed: Wednesday, July 01, 2020 13:32:59 Pacific Daylight Time

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

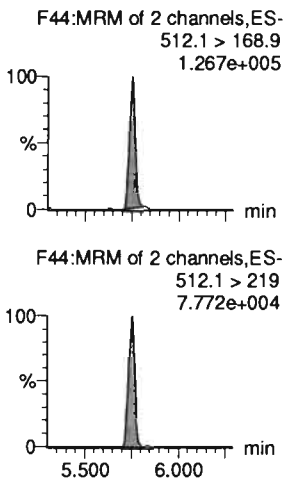
10:2 FTS



PFDoA



N-MeFOSA



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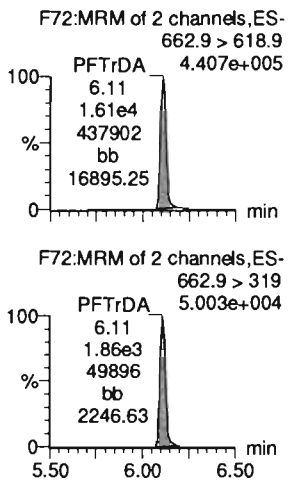

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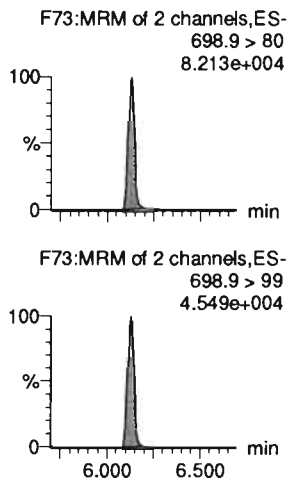
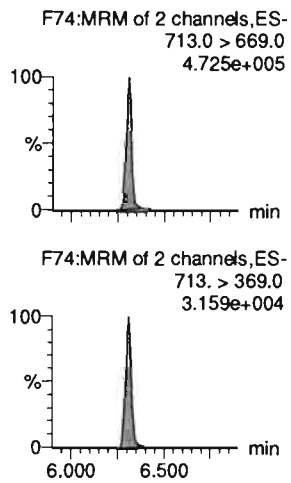
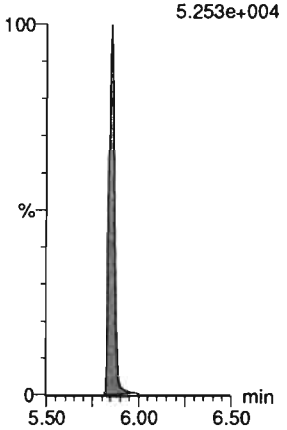


PFTeDA



13C2-10:2 FTS-EIS



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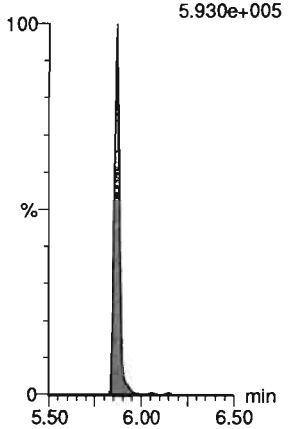
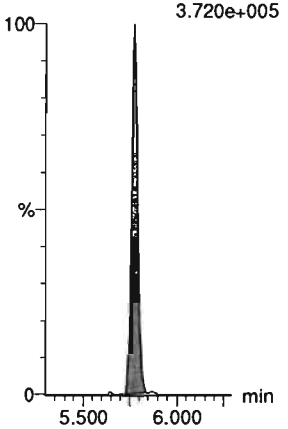
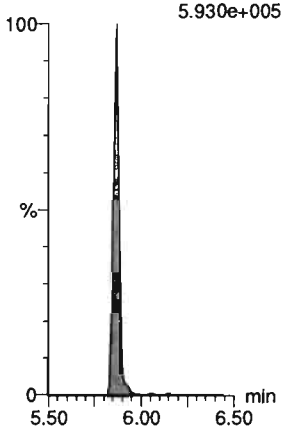


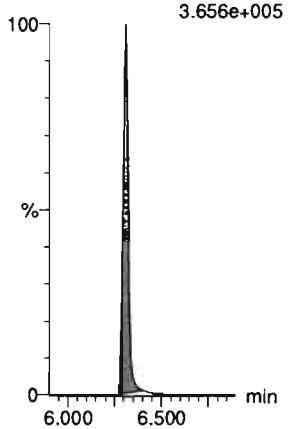
d3-N-MeFOSA-EIS



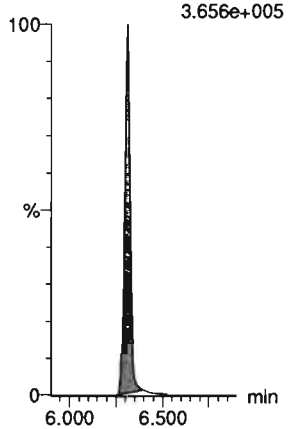
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



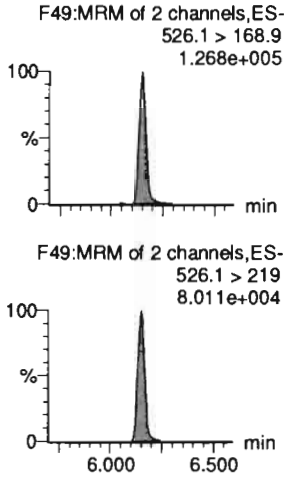
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

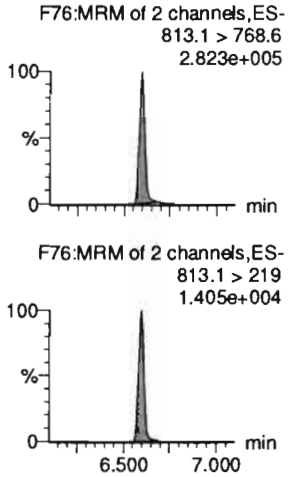
Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:32:59 Pacific Daylight Time

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

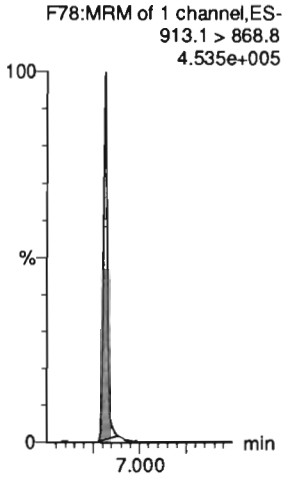
N-EtFOSA



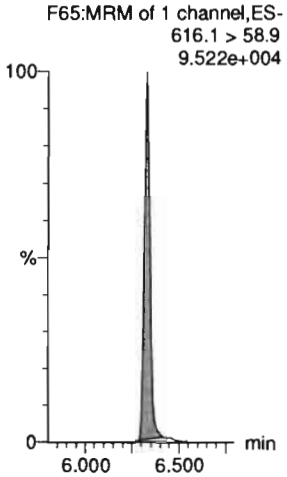
PFHxDA



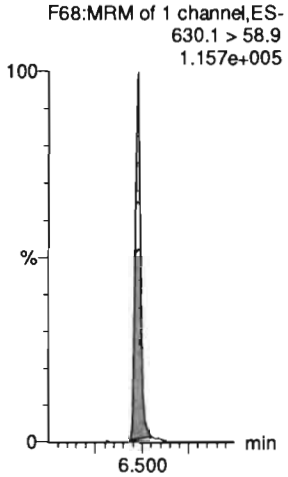
PFODA



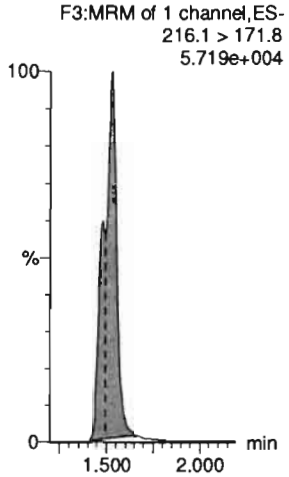
N-MeFOSE



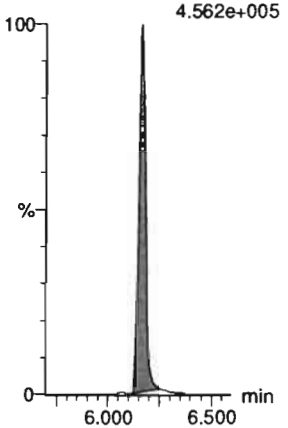
N-EtFOSE



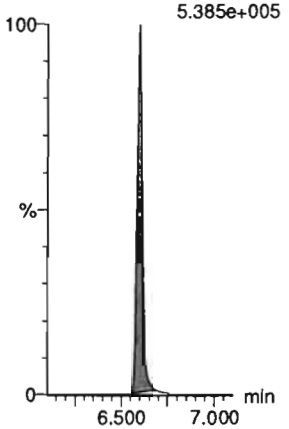
13C3-PFBA-RSD



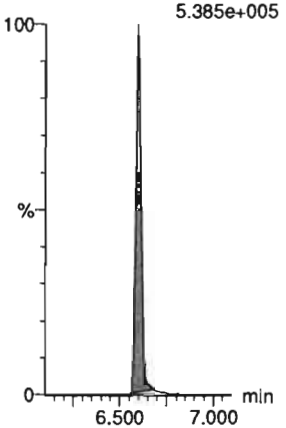
d5-N-ETFOSA-EIS



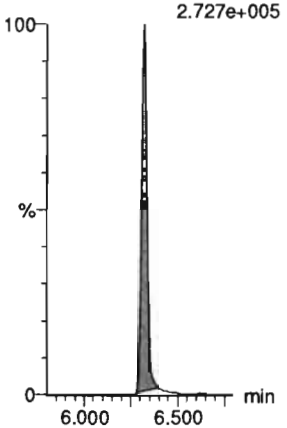
13C2-PFHxDA-EIS



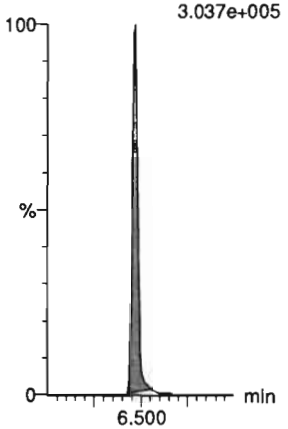
13C2-PFHxDA-EIS



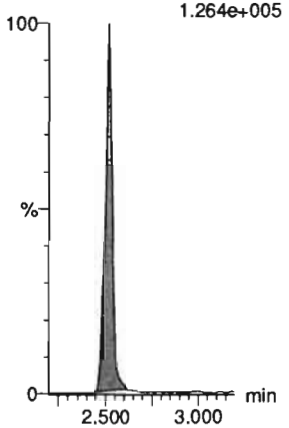
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



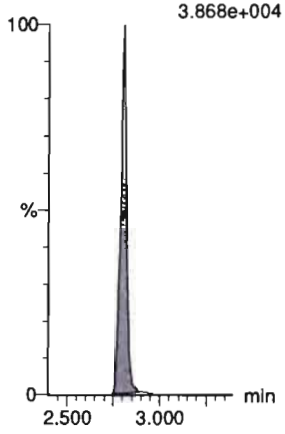
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

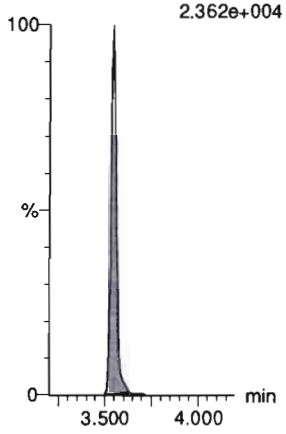
Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:32:59 Pacific Daylight Time

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

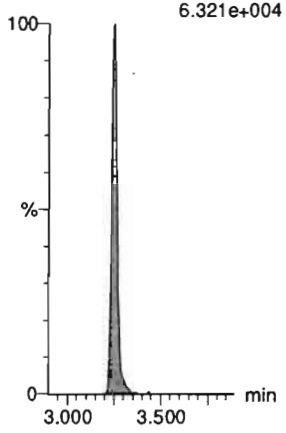
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.868e+004



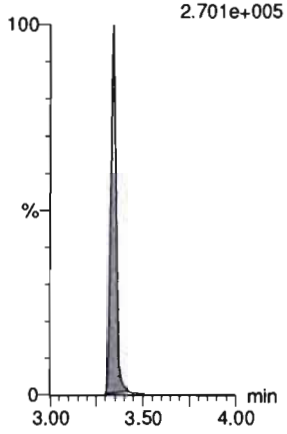
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.362e+004



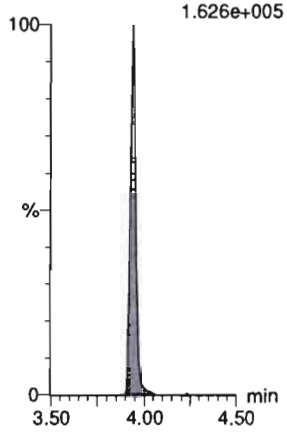
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.321e+004



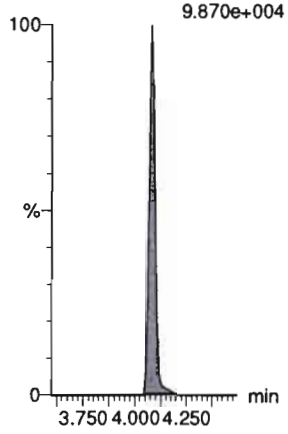
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.701e+005



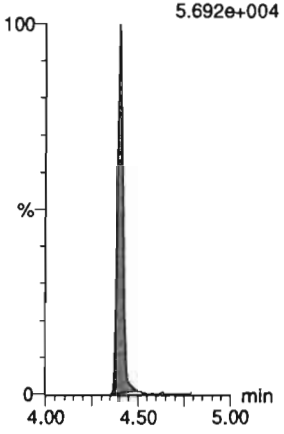
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.626e+005



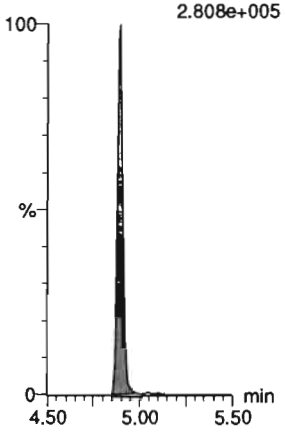
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.870e+004



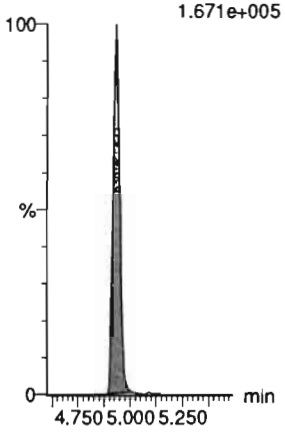
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.692e+004



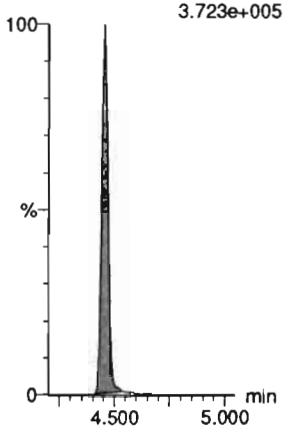
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.808e+005



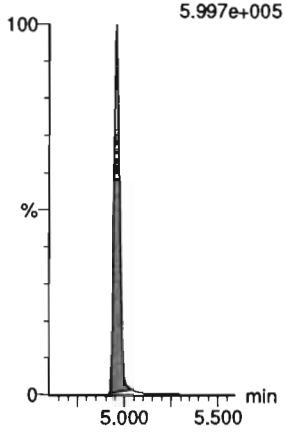
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.671e+005



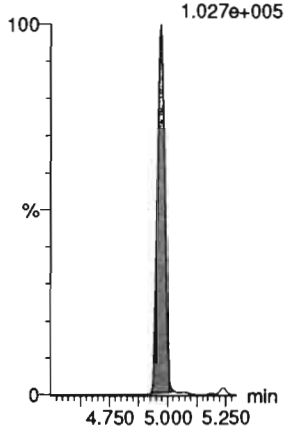
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.723e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.997e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.027e+005



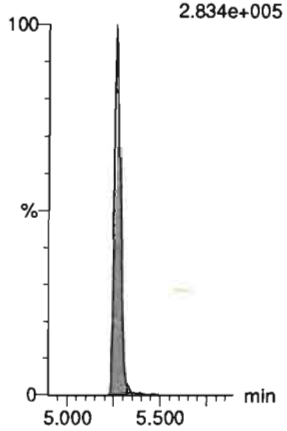
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

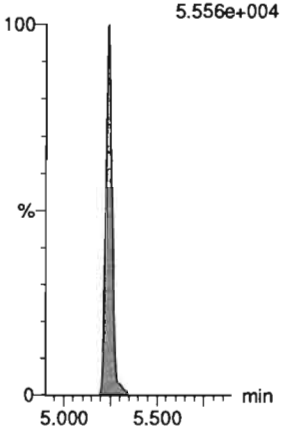
Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 13:32:59 Pacific Daylight Time

Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

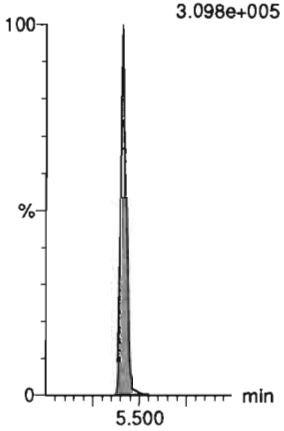
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.834e+005



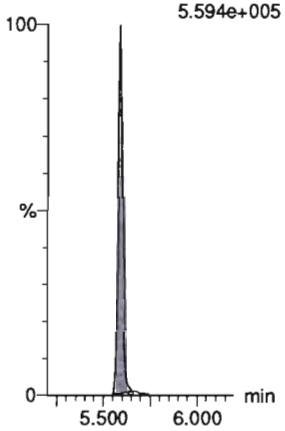
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.556e+004



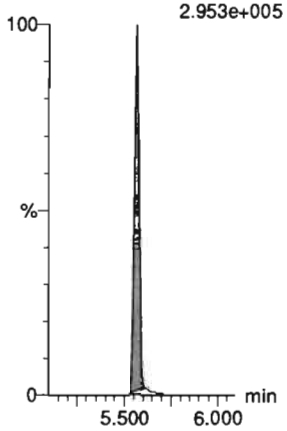
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.098e+005



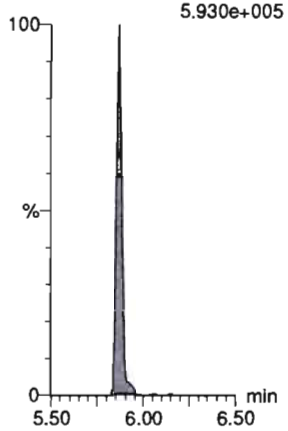
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.594e+005



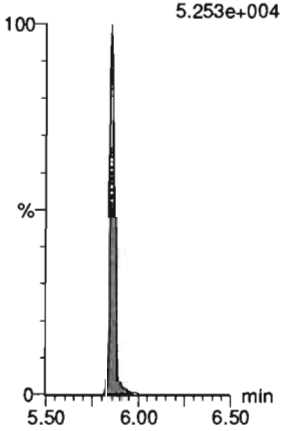
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.953e+005



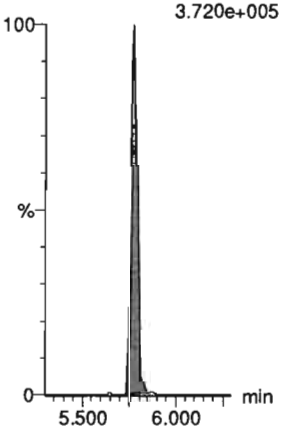
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.930e+005



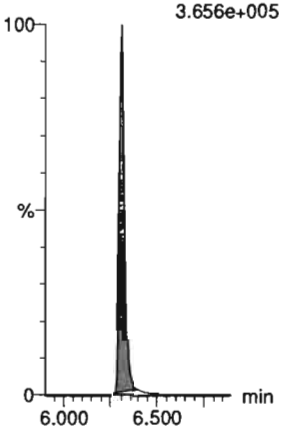
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.253e+004



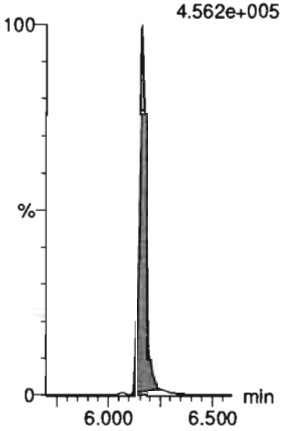
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.720e+005



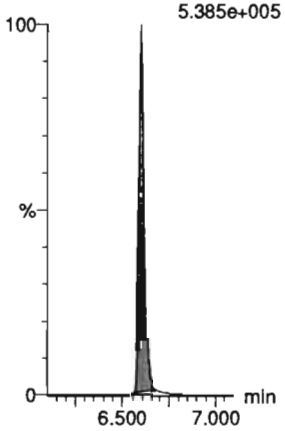
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.656e+005



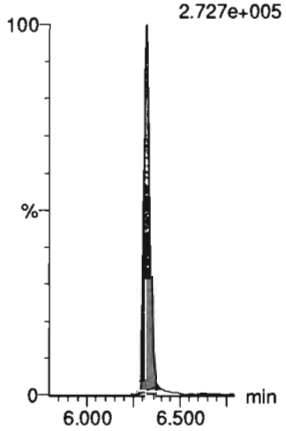
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.562e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.385e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.727e+005



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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-101.qld

Last Altered: Wednesday, July 01, 2020 13:32:20 Pacific Daylight Time
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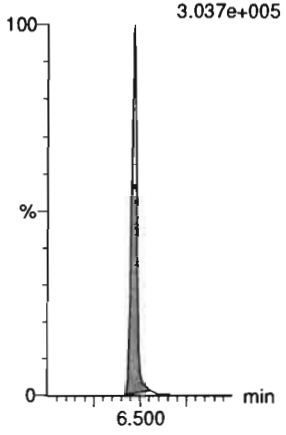
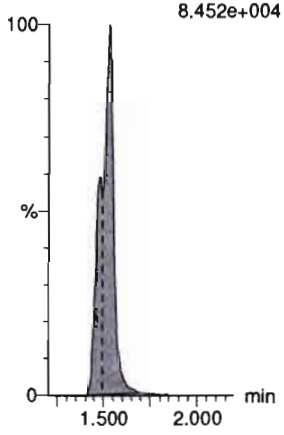
Name: 200630M1_101, Date: 01-Jul-2020, Time: 08:41:37, ID: ST200630M1-16 PFC CS3 20F1906, Description: PFC CS3 20F1906

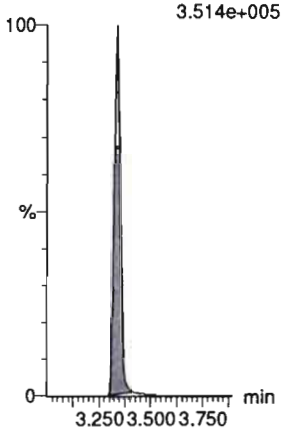
d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.037e+005



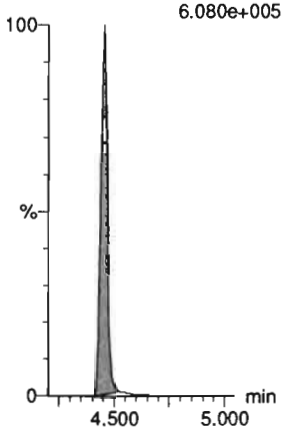
13C4-PFBA
F4:MRM of 1 channel,ES-
217.0 > 172.0
8.452e+004



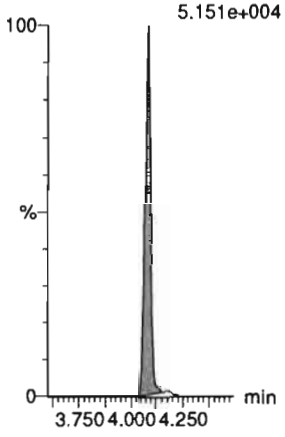
13C5-PFHxA
F15:MRM of 1 channel,ES-
318.0 > 272.9
3.514e+005



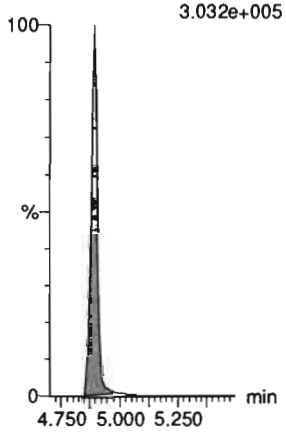
13C8-PFOA
F28:MRM of 1 channel,ES-
420.9 > 376.0
6.080e+005



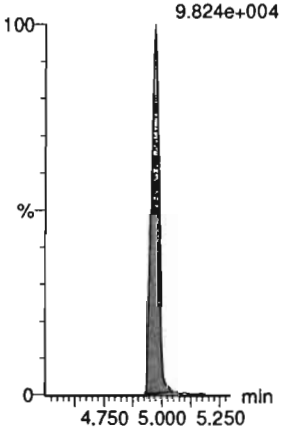
18O2-PFHxS
F25:MRM of 1 channel,ES-
403.0 > 103.0
5.151e+004



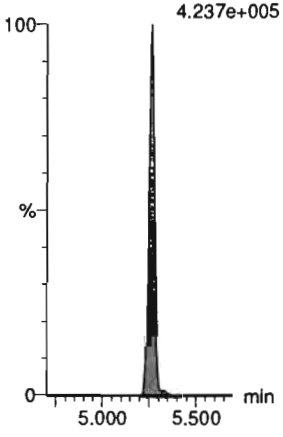
13C9-PFNA
F37:MRM of 1 channel,ES-
472.2 > 426.9
3.032e+005



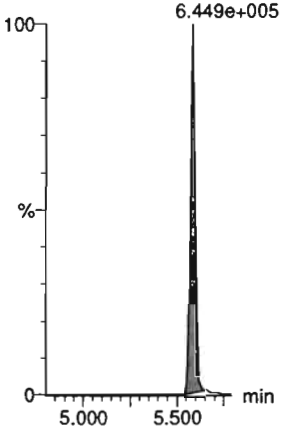
13C4-PFOS
F41:MRM of 1 channel,ES-
503 > 80.0
9.824e+004



13C6-PFDA
F48:MRM of 1 channel,ES-
519.1 > 473.7
4.237e+005



13C7-PFUdA
F58:MRM of 1 channel,ES-
570.1 > 524.8
6.449e+005



FBR 7/1/2020

INITIAL CALIBRATION

Low points
PFDS: 0.5

high points -
3:3 FTCA: 100
5:3 FTCA:
7:3 FTCA: ↓

Quantify Compound Summary Report **MassLynx V4.2 SCN977**
Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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06/24/2020

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Compound name: PFBA
Correlation coefficient: r = 0.999900, r^2 = 0.999800
Calibration curve: 1.07387 * x + -0.039819
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	1.18	79.740	4509.557	0.221	0.2	-2.8	NO	1.000	NO	MM
2	2	200623P1-6	Standard	0.500	1.12	179.791	4432.516	0.507	0.5	1.8	NO	1.000	NO	MM
3	3	200623P1-7	Standard	1.000	1.13	468.176	4759.574	1.230	1.2	18.2	NO	1.000	NO	MM
4	4	200623P1-8	Standard	2.000	1.13	745.975	4766.660	1.956	1.9	-7.1	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	1.13	2313.452	5617.448	5.148	4.8	-3.4	NO	1.000	NO	MM
6	6	200623P1-10	Standard	10.000	1.13	3829.893	4653.887	10.287	9.6	-3.8	NO	1.000	NO	MM
7	7	200623P1-11	Standard	50.000	1.13	19154.412	4622.175	51.800	48.3	-3.5	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	1.13	41168.039	4832.719	106.483	99.2	-0.8	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	1.14	97027.078	4454.639	272.264	253.6	1.4	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	1.13	197051.109	4592.658	536.321	499.5	-0.1	NO	1.000	NO	bb

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999896
Calibration curve: 0.000112132 * x^2 + 0.920452 * x + -0.0195051
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	1.51	24.010	1303.162	0.230	0.3	8.6	NO	1.000	NO	MM
2	2	200623P1-6	Standard	0.500	1.47	45.806	1316.574	0.435	0.5	-1.3	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	1.47	96.924	1384.870	0.875	1.0	-2.8	NO	1.000	NO	MM
4	4	200623P1-8	Standard	2.000	1.46	202.508	1393.507	1.817	2.0	-0.3	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	1.47	550.402	1565.191	4.396	4.8	-4.1	NO	1.000	NO	MM
6	6	200623P1-10	Standard	10.000	1.46	937.125	1289.529	9.084	9.9	-1.2	NO	1.000	NO	MM
7	7	200623P1-11	Standard	50.000	1.46	4656.267	1259.821	46.200	49.9	-0.2	NO	1.000	NO	MM
8	8	200623P1-12	Standard	100.000	1.46	10024.966	1314.962	95.297	102.3	2.3	NO	1.000	NO	MM
9	9	200623P1-13	Standard	250.000	1.47	23822.088	1270.140	234.444	247.3	-1.1	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	1.46	46739.168	1194.395	489.151	500.9	0.2	NO	1.000	NO	bb

dm 06/24/20

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998725
Calibration curve: -6.99165e-005 * x^2 + 0.0746736 * x + -0.00211795
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	1.92	9.595	9991.630	0.012	0.2	-24.3	NO	0.999	NO	bb
2	2	200623P1-6	Standard	0.500	1.91	34.066	9856.367	0.043	0.6	21.5	NO	0.999	NO	MM
3	3	200623P1-7	Standard	1.000	1.91	60.976	10593.431	0.072	1.0	-0.7	NO	0.999	NO	bb
4	4	200623P1-8	Standard	2.000	1.91	129.818	10750.463	0.151	2.1	2.7	NO	0.999	NO	MM
5	5	200623P1-9	Standard	5.000	1.91	332.057	11881.019	0.349	4.7	-5.4	NO	0.999	NO	bb
6	6	200623P1-10	Standard	10.000	1.91	583.209	10713.904	0.680	9.2	-7.8	NO	0.999	NO	MM
7	7	200623P1-11	Standard	50.000	1.91	3028.083	10273.438	3.684	51.9	3.8	NO	0.999	NO	bb
8	8	200623P1-12	Standard	100.000	1.91	5753.449	10719.800	6.709	99.1	-0.9	NO	0.999	NO	bb
9	9	200623P1-13	Standard	250.000	1.92	3093.582	9837.935	3.931	55.6	-77.8	YES	0.999	NO	dbX
10	10	200623P1-14	Standard	500.000	1.91	5412.739	10152.719	6.664	98.3	-80.3	YES	0.999	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999252
Calibration curve: 2.56733e-006 * x^2 + 0.960821 * x + -0.0142851
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	2.07	172.972	9991.630	0.216	0.2	-4.0	NO	0.999	NO	MM
2	2	200623P1-6	Standard	0.500	2.05	385.236	9856.367	0.489	0.5	4.7	NO	0.999	NO	MM
3	3	200623P1-7	Standard	1.000	2.06	837.219	10593.431	0.988	1.0	4.3	NO	0.999	NO	MM
4	4	200623P1-8	Standard	2.000	2.05	1626.732	10750.463	1.891	2.0	-0.8	NO	0.999	NO	MM
5	5	200623P1-9	Standard	5.000	2.05	4403.542	11881.019	4.633	4.8	-3.3	NO	0.999	NO	MM
6	6	200623P1-10	Standard	10.000	2.06	7969.430	10713.904	9.298	9.7	-3.1	NO	0.999	NO	MM
7	7	200623P1-11	Standard	50.000	2.05	38381.902	10273.438	46.700	48.6	-2.8	NO	0.999	NO	MM
8	8	200623P1-12	Standard	100.000	2.05	78907.805	10719.800	92.012	95.8	-4.2	NO	0.999	NO	MM
9	9	200623P1-13	Standard	250.000	2.06	196833.922	9837.935	250.096	260.1	4.1	NO	0.999	NO	MM
10	10	200623P1-14	Standard	500.000	2.05	387527.531	10152.719	477.123	495.9	-0.8	NO	0.999	NO	MM

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999939
Calibration curve: 0.000346445 * x^2 + 2.64063 * x + -0.0122034
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	2.34	65.672	1303.162	0.630	0.2	-2.7	NO	1.000	NO	MM
2	2 200623P1-6	Standard	0.500	2.34	135.984	1316.574	1.291	0.5	-1.3	NO	1.000	NO	MM
3	3 200623P1-7	Standard	1.000	2.34	277.702	1384.870	2.507	1.0	-4.6	NO	1.000	NO	MM
4	4 200623P1-8	Standard	2.000	2.34	613.382	1393.507	5.502	2.1	4.4	NO	1.000	NO	MM
5	5 200623P1-9	Standard	5.000	2.34	1640.131	1565.191	13.098	5.0	-0.8	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	2.34	2788.847	1289.529	27.034	10.2	2.3	NO	1.000	NO	MM
7	7 200623P1-11	Standard	50.000	2.34	13709.104	1259.821	136.022	51.2	2.3	NO	1.000	NO	MM
8	8 200623P1-12	Standard	100.000	2.34	27745.842	1314.962	263.751	98.6	-1.4	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	2.34	69201.266	1270.140	681.040	249.7	-0.1	NO	1.000	NO	MM
10	10 200623P1-14	Standard	500.000	2.34	134509.781	1194.395	1407.719	500.3	0.1	NO	1.000	NO	MM

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999784
Calibration curve: -0.000174873 * x^2 + 2.80671 * x + -0.171945
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	2.76	46.093	1458.692	0.395	0.2	-19.2	NO	1.000	NO	MM
2	2 200623P1-6	Standard	0.500	2.78	180.156	1697.559	1.327	0.5	6.8	NO	1.000	NO	bb
3	3 200623P1-7	Standard	1.000	2.77	338.890	1508.151	2.809	1.1	6.2	NO	1.000	NO	bb
4	4 200623P1-8	Standard	2.000	2.77	659.684	1664.189	4.955	1.8	-8.7	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	2.77	1646.407	1517.715	13.560	4.9	-2.1	NO	1.000	NO	MM
6	6 200623P1-10	Standard	10.000	2.77	3239.867	1620.568	24.990	9.0	-10.3	NO	1.000	NO	MM
7	7 200623P1-11	Standard	50.000	2.77	14780.297	1291.799	143.020	51.2	2.4	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	2.77	28321.258	1261.330	280.669	100.7	0.7	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	2.77	67052.070	1217.314	688.525	249.2	-0.3	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	2.77	119272.984	1096.388	1359.840	500.1	0.0	NO	1.000	NO	bb

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Compound name: PFHxA
Correlation coefficient: r = 0.999950, r^2 = 0.999899
Calibration curve: 1.09863 * x + 0.031815
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	2.83	340.216	14308.618	0.297	0.2	-3.4	NO	1.000	NO	bb
2	2	200623P1-6	Standard	0.500	2.86	671.969	14512.007	0.579	0.5	-0.4	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	2.85	1223.627	12990.770	1.177	1.0	4.3	NO	1.000	NO	bb
4	4	200623P1-8	Standard	2.000	2.85	2667.209	13975.037	2.386	2.1	7.1	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	2.85	6840.333	15168.406	5.637	5.1	2.0	NO	1.000	NO	bb
6	6	200623P1-10	Standard	10.000	2.86	12559.342	14027.739	11.192	10.2	1.6	NO	1.000	NO	bb
7	7	200623P1-11	Standard	50.000	2.85	55899.473	12766.495	54.733	49.8	-0.4	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	2.86	112416.617	12759.594	110.130	100.2	0.2	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	2.86	294230.625	13216.283	278.284	253.3	1.3	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	2.85	544951.375	12492.638	545.273	496.3	-0.7	NO	1.000	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.998765
Calibration curve: -0.00060295 * x^2 + 2.23387 * x + -0.0142044
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	3.05	61.805	1303.162	0.593	0.3	8.7	NO	0.999	NO	bb
2	2	200623P1-6	Standard	0.500	3.06	114.818	1316.574	1.090	0.5	-1.1	NO	0.999	NO	bb
3	3	200623P1-7	Standard	1.000	3.07	201.078	1384.870	1.815	0.8	-18.1	NO	0.999	NO	bb
4	4	200623P1-8	Standard	2.000	3.07	505.728	1393.507	4.536	2.0	1.9	NO	0.999	NO	bd
5	5	200623P1-9	Standard	5.000	3.06	1363.353	1565.191	10.888	4.9	-2.3	NO	0.999	NO	bb
6	6	200623P1-10	Standard	10.000	3.06	2550.776	1289.529	24.726	11.1	11.1	NO	0.999	NO	bb
7	7	200623P1-11	Standard	50.000	3.06	11694.321	1259.821	116.032	52.7	5.4	NO	0.999	NO	bb
8	8	200623P1-12	Standard	100.000	3.07	21179.455	1314.962	201.331	92.4	-7.6	NO	0.999	NO	bb
9	9	200623P1-13	Standard	250.000	3.07	54065.191	1270.140	532.079	255.9	2.3	NO	0.999	NO	bb
10	10	200623P1-14	Standard	500.000	3.06	92025.594	1194.395	963.098	498.1	-0.4	NO	0.999	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999599
Calibration curve: 1.73849e-005 * x^2 + 0.998336 * x + -0.0444799
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	3.04	33.271	2612.893	0.159	0.2	-18.4	NO	1.000	NO	bb
2	2	200623P1-6	Standard	0.500	3.07	88.738	2501.054	0.444	0.5	-2.2	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	3.07	184.836	2423.969	0.953	1.0	-0.1	NO	1.000	NO	bb
4	4	200623P1-8	Standard	2.000	3.07	387.340	2456.514	1.971	2.0	0.9	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	3.07	1053.665	2600.230	5.065	5.1	2.4	NO	1.000	NO	bb
6	6	200623P1-10	Standard	10.000	3.08	2092.083	2623.079	9.970	10.0	0.3	NO	1.000	NO	bb
7	7	200623P1-11	Standard	50.000	3.07	9306.504	2280.217	51.018	51.1	2.2	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	3.08	18359.703	2406.619	95.360	95.4	-4.6	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	3.08	47817.445	2336.702	255.796	255.1	2.1	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	3.08	89091.945	2219.779	501.694	498.3	-0.3	NO	1.000	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999415
Calibration curve: -0.000136411 * x^2 + 0.152811 * x + -0.00349942
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	3.39	37.837	12910.530	0.037	0.3	5.1	NO	0.999	NO	bb
2	2	200623P1-6	Standard	0.500	3.42	70.979	12785.187	0.069	0.5	-4.6	NO	0.999	NO	bb
3	3	200623P1-7	Standard	1.000	3.42	147.266	12289.664	0.150	1.0	0.4	NO	0.999	NO	bb
4	4	200623P1-8	Standard	2.000	3.42	295.654	12832.168	0.288	1.9	-4.5	NO	0.999	NO	bb
5	5	200623P1-9	Standard	5.000	3.42	767.062	12968.138	0.739	4.9	-2.3	NO	0.999	NO	bb
6	6	200623P1-10	Standard	10.000	3.42	1471.135	12882.915	1.427	9.4	-5.6	NO	0.999	NO	bb
7	7	200623P1-11	Standard	50.000	3.42	6948.846	11568.103	7.509	51.5	3.1	NO	0.999	NO	bb
8	8	200623P1-12	Standard	100.000	3.42	12269.104	11099.902	13.817	99.2	-0.8	NO	0.999	NO	bb
9	9	200623P1-13	Standard	250.000	3.42	7227.552	11248.605	8.032	55.3	-77.9	YES	0.999	NO	bbX
10	10	200623P1-14	Standard	500.000	3.42	12345.388	10512.982	14.679	106.1	-78.8	YES	0.999	NO	bbX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999921
Calibration curve: 0.00014936 * x^2 + 1.29964 * x + -0.00971641
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	3.45	271.097	12910.530	0.262	0.2	-16.2	NO	1.000	NO	MM
2	2 200623P1-6	Standard	0.500	3.47	699.872	12785.187	0.684	0.5	6.8	NO	1.000	NO	bb
3	3 200623P1-7	Standard	1.000	3.47	1166.445	12289.664	1.186	0.9	-8.0	NO	1.000	NO	MM
4	4 200623P1-8	Standard	2.000	3.47	2815.949	12832.168	2.743	2.1	5.9	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	3.47	7146.707	12968.138	6.889	5.3	6.1	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	3.47	13623.626	12882.915	13.219	10.2	1.7	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	3.47	61390.066	11568.103	66.335	50.8	1.5	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	3.47	116660.711	11099.902	131.376	99.9	-0.1	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	3.47	298113.750	11248.605	331.279	247.8	-0.9	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	3.47	579085.438	10512.982	688.536	501.0	0.2	NO	1.000	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999808
Calibration curve: -0.00015235 * x^2 + 2.34952 * x + -0.0992351
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	3.55	486.673	12910.530	0.471	0.2	-2.9	NO	1.000	NO	bb
2	2 200623P1-6	Standard	0.500	3.58	1435.924	12785.187	1.404	0.6	28.0	NO	1.000	NO	bb
3	3 200623P1-7	Standard	1.000	3.58	1833.963	12289.664	1.865	0.8	-16.4	NO	1.000	NO	bb
4	4 200623P1-8	Standard	2.000	3.58	4520.140	12832.168	4.403	1.9	-4.2	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	3.58	12133.504	12968.138	11.695	5.0	0.4	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	3.58	22748.939	12882.915	22.073	9.4	-5.6	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	3.58	106965.695	11568.103	115.583	49.4	-1.2	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	3.58	211943.047	11099.902	238.677	102.3	2.3	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	3.58	517208.000	11248.605	574.747	248.7	-0.5	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	3.58	956411.500	10512.982	1137.179	500.3	0.1	NO	1.000	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998477
Calibration curve: 9.85533e-005 * x^2 + 1.12271 * x + -0.0310439
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	3.60	64.451	2958.927	0.272	0.3	8.1	NO	0.998	NO	MM
2	2	200623P1-6	Standard	0.500	3.62	139.080	2901.573	0.599	0.6	12.3	NO	0.998	NO	MM
3	3	200623P1-7	Standard	1.000	3.61	219.849	2891.992	0.950	0.9	-12.6	NO	0.998	NO	MM
4	4	200623P1-8	Standard	2.000	3.61	554.755	2993.493	2.317	2.1	4.5	NO	0.998	NO	MM
5	5	200623P1-9	Standard	5.000	3.62	1430.952	3165.577	5.650	5.1	1.2	NO	0.998	NO	MM
6	6	200623P1-10	Standard	10.000	3.62	2497.990	3097.400	10.081	9.0	-10.0	NO	0.998	NO	MM
7	7	200623P1-11	Standard	50.000	3.62	12036.772	2688.084	55.973	49.7	-0.7	NO	0.998	NO	MM
8	8	200623P1-12	Standard	100.000	3.62	23356.996	2775.877	105.178	93.0	-7.0	NO	0.998	NO	MM
9	9	200623P1-13	Standard	250.000	3.62	60637.043	2507.024	302.336	263.2	5.3	NO	0.998	NO	MM
10	10	200623P1-14	Standard	500.000	3.62	109165.148	2353.231	579.868	495.0	-1.0	NO	0.998	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.996175
Calibration curve: -0.000276356 * x^2 + 1.26926 * x + -0.103291
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	3.90	24.374	2036.965	0.150	0.2	-20.3	NO	0.996	NO	bb
2	2	200623P1-6	Standard	0.500	3.91	92.052	1780.727	0.646	0.6	18.1	NO	0.996	NO	bb
3	3	200623P1-7	Standard	1.000	3.92	157.823	1779.598	1.109	1.0	-4.5	NO	0.996	NO	bb
4	4	200623P1-8	Standard	2.000	3.92	308.562	1822.579	2.116	1.7	-12.5	NO	0.996	NO	bb
5	5	200623P1-9	Standard	5.000	3.92	871.879	2053.077	5.308	4.3	-14.6	NO	0.996	NO	bb
6	6	200623P1-10	Standard	10.000	3.92	1785.353	1778.076	12.551	10.0	-0.1	NO	0.996	NO	bb
7	7	200623P1-11	Standard	50.000	3.92	8126.570	1479.697	68.651	54.8	9.6	NO	0.996	NO	bb
8	8	200623P1-12	Standard	100.000	3.92	14616.788	1689.019	108.175	87.0	-13.0	NO	0.996	NO	bb
9	9	200623P1-13	Standard	250.000	3.92	35651.117	1405.404	317.090	265.2	6.1	NO	0.996	NO	bb
10	10	200623P1-14	Standard	500.000	3.92	63532.520	1419.529	559.451	494.0	-1.2	NO	0.996	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999867
Calibration curve: 5.43889e-005 * x^2 + 1.11784 * x + 0.0485086
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	3.96	422.493	15213.387	0.347	0.3	6.9	NO	1.000	NO	bb
2	2	200623P1-6	Standard	0.500	3.98	819.383	15446.239	0.663	0.5	10.0	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	3.98	1375.459	15269.786	1.126	1.0	-3.6	NO	1.000	NO	bb
4	4	200623P1-8	Standard	2.000	3.98	2908.031	15422.189	2.357	2.1	3.2	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	3.98	7435.916	16765.350	5.544	4.9	-1.7	NO	1.000	NO	bb
6	6	200623P1-10	Standard	10.000	3.98	14079.277	15520.500	11.339	10.1	1.0	NO	1.000	NO	bb
7	7	200623P1-11	Standard	50.000	3.98	61319.801	13498.372	56.784	50.6	1.3	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	3.98	120648.500	13200.130	114.249	101.7	1.7	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	3.98	298405.313	13398.215	278.400	246.1	-1.6	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	3.98	529901.125	11532.209	574.371	501.5	0.3	NO	1.000	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999817
Calibration curve: 4.46796e-005 * x^2 + 0.225439 * x + -0.0118344
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	3.98	55.424	15213.387	0.046	0.3	1.8	NO	1.000	NO	bb
2	2	200623P1-6	Standard	0.500	3.99	139.572	15446.239	0.113	0.6	10.7	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	3.99	206.281	15269.786	0.169	0.8	-19.9	NO	1.000	NO	bb
4	4	200623P1-8	Standard	2.000	3.99	506.764	15422.189	0.411	1.9	-6.3	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	3.99	1339.935	16765.350	0.999	4.5	-10.4	NO	1.000	NO	bb
6	6	200623P1-10	Standard	10.000	3.99	2823.877	15520.500	2.274	10.1	1.2	NO	1.000	NO	bb
7	7	200623P1-11	Standard	50.000	3.99	12372.059	13498.372	11.457	50.4	0.7	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	3.99	24743.695	13200.130	23.431	101.9	1.9	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	4.00	62770.305	13398.215	58.562	247.7	-0.9	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	4.00	114462.641	11532.209	124.068	500.7	0.1	NO	1.000	NO	MM

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998442
Calibration curve: 0.000266301 * x^2 + 0.970424 * x + 0.0135035
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	4.08	46.410	3005.798	0.193	0.2	-26.0	NO	0.998	NO	bb
2	2	200623P1-6	Standard	0.500	4.10	131.247	2887.657	0.568	0.6	14.3	NO	0.998	NO	bb
3	3	200623P1-7	Standard	1.000	4.10	206.942	2888.382	0.896	0.9	-9.1	NO	0.998	NO	bb
4	4	200623P1-8	Standard	2.000	4.09	480.361	3097.817	1.938	2.0	-0.9	NO	0.998	NO	bb
5	5	200623P1-9	Standard	5.000	4.10	1299.482	3155.505	5.148	5.3	5.7	NO	0.998	NO	bb
6	6	200623P1-10	Standard	10.000	4.10	2526.587	2977.596	10.607	10.9	8.8	NO	0.998	NO	bb
7	7	200623P1-11	Standard	50.000	4.10	11392.392	2676.853	53.199	54.0	8.0	NO	0.998	NO	bb
8	8	200623P1-12	Standard	100.000	4.10	21181.541	2557.763	103.516	103.7	3.7	NO	0.998	NO	bb
9	9	200623P1-13	Standard	250.000	4.10	51845.352	2656.505	243.955	236.1	-5.6	NO	0.998	NO	bb
10	10	200623P1-14	Standard	500.000	4.10	99931.883	2237.510	558.276	505.2	1.0	NO	0.998	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998237
Calibration curve: -8.33396e-005 * x^2 + 0.191388 * x + -0.0132147
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	4.41	53.998	17060.445	0.040	0.3	10.3	NO	0.998	NO	bb
2	2	200623P1-6	Standard	0.500	4.41	138.312	16621.627	0.104	0.6	22.5	NO	0.998	NO	bb
3	3	200623P1-7	Standard	1.000	4.41	183.500	16089.027	0.143	0.8	-18.6	NO	0.998	NO	bb
4	4	200623P1-8	Standard	2.000	4.42	507.527	17159.158	0.370	2.0	0.1	NO	0.998	NO	bb
5	5	200623P1-9	Standard	5.000	4.41	1099.584	17364.061	0.792	4.2	-15.7	NO	0.998	NO	bb
6	6	200623P1-10	Standard	10.000	4.41	2583.543	17341.826	1.862	9.8	-1.6	NO	0.998	NO	bb
7	7	200623P1-11	Standard	50.000	4.41	12066.059	15542.883	9.704	51.9	3.9	NO	0.998	NO	bb
8	8	200623P1-12	Standard	100.000	4.41	20910.377	14420.965	18.125	99.0	-1.0	NO	0.998	NO	bb
9	9	200623P1-13	Standard	250.000	4.41	12291.754	14244.419	10.786	57.9	-76.8	YES	0.998	NO	bbX
10	10	200623P1-14	Standard	500.000	4.41	21790.953	13565.595	20.079	110.3	-77.9	YES	0.998	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999189
Calibration curve: -1.25539e-008 * x^2 + 1.14818 * x + -0.0245733
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	4.42	390.906	17060.445	0.286	0.3	8.3	NO	0.999	NO	bb
2	2 200623P1-6	Standard	0.500	4.43	749.919	16621.627	0.564	0.5	2.5	NO	0.999	NO	MM
3	3 200623P1-7	Standard	1.000	4.43	1490.568	16089.027	1.158	1.0	3.0	NO	0.999	NO	bb
4	4 200623P1-8	Standard	2.000	4.43	2985.851	17159.158	2.175	1.9	-4.2	NO	0.999	NO	bb
5	5 200623P1-9	Standard	5.000	4.43	7962.381	17364.061	5.732	5.0	0.3	NO	0.999	NO	bb
6	6 200623P1-10	Standard	10.000	4.43	15273.817	17341.826	11.009	9.6	-3.9	NO	0.999	NO	bb
7	7 200623P1-11	Standard	50.000	4.43	65377.453	15542.883	52.578	45.8	-8.4	NO	0.999	NO	bb
8	8 200623P1-12	Standard	100.000	4.43	131813.328	14420.965	114.255	99.5	-0.5	NO	0.999	NO	bb
9	9 200623P1-13	Standard	250.000	4.43	338934.719	14244.419	297.428	259.1	3.6	NO	0.999	NO	bb
10	10 200623P1-14	Standard	500.000	4.43	618002.625	13565.595	569.458	496.0	-0.8	NO	0.999	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999850
Calibration curve: 0.000201466 * x^2 + 0.681439 * x + 0.0112952
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	4.47	80.494	6497.657	0.155	0.2	-15.7	NO	1.000	NO	bb
2	2 200623P1-6	Standard	0.500	4.48	184.673	5786.879	0.399	0.6	13.7	NO	1.000	NO	bb
3	3 200623P1-7	Standard	1.000	4.48	300.942	5253.444	0.716	1.0	3.4	NO	1.000	NO	MM
4	4 200623P1-8	Standard	2.000	4.48	671.691	5774.186	1.454	2.1	5.8	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	4.48	1623.918	6013.183	3.376	4.9	-1.4	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	4.48	3173.070	5773.851	6.869	10.0	0.3	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	4.48	14425.850	5075.659	35.527	51.3	2.7	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	4.48	27601.535	5062.284	68.155	97.2	-2.8	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	4.48	72969.398	4949.122	184.299	251.7	0.7	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	4.48	141932.922	4540.544	390.738	499.6	-0.1	NO	1.000	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999335
Calibration curve: 0.000515269 * x^2 + 1.17935 * x + 0.0179991
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	4.51	54.997	3005.798	0.229	0.2	-28.5	NO	0.999	NO	MM
2	2	200623P1-6	Standard	0.500	4.52	132.006	2887.657	0.571	0.5	-6.2	NO	0.999	NO	MM
3	3	200623P1-7	Standard	1.000	4.52	331.950	2888.382	1.437	1.2	20.2	NO	0.999	NO	MM
4	4	200623P1-8	Standard	2.000	4.52	610.467	3097.817	2.463	2.1	3.6	NO	0.999	NO	MM
5	5	200623P1-9	Standard	5.000	4.52	1675.988	3155.505	6.639	5.6	12.0	NO	0.999	NO	MM
6	6	200623P1-10	Standard	10.000	4.52	2840.696	2977.596	11.925	10.1	0.5	NO	0.999	NO	MM
7	7	200623P1-11	Standard	50.000	4.52	13539.425	2676.853	63.225	52.4	4.8	NO	0.999	NO	MM
8	8	200623P1-12	Standard	100.000	4.52	25837.918	2557.763	126.272	102.5	2.5	NO	0.999	NO	MM
9	9	200623P1-13	Standard	250.000	4.52	66890.102	2656.505	314.747	241.4	-3.4	NO	0.999	NO	MM
10	10	200623P1-14	Standard	500.000	4.52	129548.008	2237.510	723.729	503.1	0.6	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999895
Calibration curve: 0.00040425 * x^2 + 2.71163 * x + -0.0675787
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	4.74	133.401	3005.798	0.555	0.2	-8.2	NO	1.000	NO	bb
2	2	200623P1-6	Standard	0.500	4.75	359.862	2887.657	1.558	0.6	19.9	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	4.75	629.947	2888.382	2.726	1.0	3.0	NO	1.000	NO	bb
4	4	200623P1-8	Standard	2.000	4.75	1217.117	3097.817	4.911	1.8	-8.2	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	4.75	3192.455	3155.505	12.646	4.7	-6.3	NO	1.000	NO	bb
6	6	200623P1-10	Standard	10.000	4.75	6331.318	2977.596	26.579	9.8	-1.9	NO	1.000	NO	bb
7	7	200623P1-11	Standard	50.000	4.75	29506.783	2676.853	137.787	50.5	0.9	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	4.75	57131.555	2557.763	279.207	101.5	1.5	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	4.75	148193.750	2656.505	697.315	248.0	-0.8	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	4.75	261124.141	2237.510	1458.788	500.6	0.1	NO	1.000	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999785
Calibration curve: -5.81108e-005 * x^2 + 0.899289 * x + 0.00515029
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	4.81	386.820	21322.191	0.227	0.2	-1.4	NO	1.000	NO	bb
2	2	200623P1-6	Standard	0.500	4.82	714.203	20363.055	0.438	0.5	-3.6	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	4.82	1354.065	18887.498	0.896	1.0	-0.9	NO	1.000	NO	bb
4	4	200623P1-8	Standard	2.000	4.82	3203.651	20315.941	1.971	2.2	9.3	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	4.82	7527.301	20171.088	4.665	5.2	3.7	NO	1.000	NO	bb
6	6	200623P1-10	Standard	10.000	4.82	14322.258	20180.777	8.871	9.9	-1.3	NO	1.000	NO	bb
7	7	200623P1-11	Standard	50.000	4.82	61281.809	17891.246	42.815	47.8	-4.5	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	4.82	123890.953	17341.406	89.303	99.9	-0.1	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	4.82	324586.031	18070.754	224.524	253.8	1.5	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	4.82	584597.938	16850.373	433.668	498.3	-0.3	NO	1.000	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999313
Calibration curve: -0.000360174 * x^2 + 1.21317 * x + -0.117939
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	4.77	42.958	2192.840	0.245	0.3	19.6	NO	0.999	NO	bb
2	2	200623P1-6	Standard	0.500	4.78	45.900	1798.916	0.319	0.4	-28.0	NO	0.999	NO	MM
3	3	200623P1-7	Standard	1.000	4.79	134.506	1721.353	0.977	0.9	-9.7	NO	0.999	NO	bb
4	4	200623P1-8	Standard	2.000	4.78	339.081	1708.595	2.481	2.1	7.2	NO	0.999	NO	bb
5	5	200623P1-9	Standard	5.000	4.79	837.761	1791.744	5.845	4.9	-1.6	NO	0.999	NO	bb
6	6	200623P1-10	Standard	10.000	4.78	1790.984	1713.999	13.061	10.9	9.0	NO	0.999	NO	bb
7	7	200623P1-11	Standard	50.000	4.78	7612.306	1495.274	63.636	53.4	6.8	NO	0.999	NO	bb
8	8	200623P1-12	Standard	100.000	4.78	14202.024	1534.699	115.674	98.3	-1.7	NO	0.999	NO	bb
9	9	200623P1-13	Standard	250.000	4.79	34887.359	1587.409	274.719	244.3	-2.3	NO	0.999	NO	bb
10	10	200623P1-14	Standard	500.000	4.79	60515.188	1456.486	519.360	503.4	0.7	NO	0.999	NO	bb

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.999276
Calibration curve: 0.000214635 * x^2 + 1.22051 * x + 0.0256285
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	4.87	66.301	3005.798	0.276	0.2	-18.0	NO	0.999	NO	bb
2	2 200623P1-6	Standard	0.500	4.88	183.990	2887.657	0.796	0.6	26.3	NO	0.999	NO	bb
3	3 200623P1-7	Standard	1.000	4.88	257.912	2888.382	1.116	0.9	-10.7	NO	0.999	NO	bb
4	4 200623P1-8	Standard	2.000	4.89	615.823	3097.817	2.485	2.0	0.7	NO	0.999	NO	bb
5	5 200623P1-9	Standard	5.000	4.89	1657.114	3155.505	6.564	5.4	7.0	NO	0.999	NO	bb
6	6 200623P1-10	Standard	10.000	4.89	2908.474	2977.596	12.210	10.0	-0.3	NO	0.999	NO	bb
7	7 200623P1-11	Standard	50.000	4.88	13418.146	2676.853	62.658	50.9	1.7	NO	0.999	NO	bb
8	8 200623P1-12	Standard	100.000	4.88	26615.740	2557.763	130.073	104.6	4.6	NO	0.999	NO	bb
9	9 200623P1-13	Standard	250.000	4.89	65142.496	2656.505	306.523	240.9	-3.6	NO	0.999	NO	bb
10	10 200623P1-14	Standard	500.000	4.89	119694.133	2237.510	668.679	503.3	0.7	NO	0.999	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.998378
Calibration curve: -9.89352e-005 * x^2 + 1.26776 * x + -0.12521
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	4.97	67.094	4572.184	0.183	0.2	-2.6	NO	0.998	NO	bb
2	2 200623P1-6	Standard	0.500	4.97	150.891	4227.139	0.446	0.5	-9.9	NO	0.998	NO	MM
3	3 200623P1-7	Standard	1.000	4.97	376.924	4251.271	1.108	1.0	-2.7	NO	0.998	NO	MM
4	4 200623P1-8	Standard	2.000	4.97	830.142	4603.334	2.254	1.9	-6.1	NO	0.998	NO	MM
5	5 200623P1-9	Standard	5.000	4.97	2157.722	4605.573	5.856	4.7	-5.6	NO	0.998	NO	MM
6	6 200623P1-10	Standard	10.000	4.97	4226.125	4506.229	11.723	9.4	-6.5	NO	0.998	NO	MM
7	7 200623P1-11	Standard	50.000	4.97	19596.029	4181.463	58.580	46.5	-7.1	NO	0.998	NO	MM
8	8 200623P1-12	Standard	100.000	4.97	39218.578	4051.980	120.986	96.3	-3.7	NO	0.998	NO	MM
9	9 200623P1-13	Standard	250.000	4.97	94691.781	3598.521	328.926	265.0	6.0	NO	0.998	NO	MM
10	10 200623P1-14	Standard	500.000	4.97	177232.578	3684.517	601.275	493.4	-1.3	NO	0.998	NO	MM

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.994866
Calibration curve: -0.000387505 * x^2 + 1.41789 * x + -0.148519
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	5.13	127.595	5185.812	0.308	0.3	28.7	NO	0.995	NO	bb
2	2 200623P1-6	Standard	0.500	5.14	210.959	4598.833	0.573	0.5	1.8	NO	0.995	NO	MM
3	3 200623P1-7	Standard	1.000	5.14	441.597	4412.171	1.251	1.0	-1.3	NO	0.995	NO	MM
4	4 200623P1-8	Standard	2.000	5.14	927.323	4817.416	2.406	1.8	-9.9	NO	0.995	NO	MM
5	5 200623P1-9	Standard	5.000	5.14	2429.349	4800.948	6.325	4.6	-8.6	NO	0.995	NO	MM
6	6 200623P1-10	Standard	10.000	5.13	5136.420	4831.803	13.288	9.5	-5.0	NO	0.995	NO	MM
7	7 200623P1-11	Standard	50.000	5.14	22811.521	4120.421	69.203	49.6	-0.8	NO	0.995	NO	MM
8	8 200623P1-12	Standard	100.000	5.14	41149.770	4277.048	120.263	87.0	-13.0	NO	0.995	NO	MM
9	9 200623P1-13	Standard	250.000	5.14	108082.367	3731.251	362.085	276.3	10.5	NO	0.995	NO	MM
10	10 200623P1-14	Standard	500.000	5.14	182452.109	3804.196	599.509	488.0	-2.4	NO	0.995	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999838
Calibration curve: 1.38869e-005 * x^2 + 1.06722 * x + 0.0656092
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	5.14	521.001	19598.148	0.332	0.2	-0.0	NO	1.000	NO	bb
2	2 200623P1-6	Standard	0.500	5.15	775.935	19960.838	0.486	0.4	-21.2	NO	1.000	NO	db
3	3 200623P1-7	Standard	1.000	5.15	1743.529	18180.648	1.199	1.1	6.2	NO	1.000	NO	bb
4	4 200623P1-8	Standard	2.000	5.15	3304.878	18283.648	2.259	2.1	2.8	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	5.15	8810.462	18061.854	6.097	5.7	13.0	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	5.15	16568.633	19042.008	10.876	10.1	1.3	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	5.15	70941.477	17007.563	52.140	48.8	-2.5	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	5.15	137145.203	15946.504	107.504	100.5	0.5	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	5.15	350635.781	16383.290	267.525	249.8	-0.1	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	5.15	653138.500	15196.003	537.262	500.1	0.0	NO	1.000	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999345
Calibration curve: 0.000185875 * x^2 + 1.13524 * x + -0.109996
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	5.19	87.601	3005.798	0.364	0.4	67.1	YES	0.999	NO	bbX
2	2 200623P1-6	Standard	0.500	5.20	109.864	2887.657	0.476	0.5	3.2	NO	0.999	NO	bb
3	3 200623P1-7	Standard	1.000	5.20	163.849	2888.382	0.709	0.7	-27.9	NO	0.999	NO	bb
4	4 200623P1-8	Standard	2.000	5.20	467.676	3097.817	1.887	1.8	-12.1	NO	0.999	NO	bb
5	5 200623P1-9	Standard	5.000	5.20	1481.500	3155.505	5.869	5.3	5.2	NO	0.999	NO	bb
6	6 200623P1-10	Standard	10.000	5.20	2899.211	2977.596	12.171	10.8	8.0	NO	0.999	NO	bb
7	7 200623P1-11	Standard	50.000	5.20	12852.122	2676.853	60.015	52.5	5.0	NO	0.999	NO	bb
8	8 200623P1-12	Standard	100.000	5.20	23972.229	2557.763	117.154	101.6	1.6	NO	0.999	NO	bb
9	9 200623P1-13	Standard	250.000	5.20	60750.766	2656.505	285.859	242.3	-3.1	NO	0.999	NO	bb
10	10 200623P1-14	Standard	500.000	5.21	110626.602	2237.510	618.023	503.1	0.6	NO	0.999	NO	bb

Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999853, r^2 = 0.999706
Calibration curve: 0.295785 * x + -0.00469666
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	5.36	140.804	24939.836	0.071	0.3	1.8	NO	1.000	NO	bb
2	2 200623P1-6	Standard	0.500	5.37	244.893	22061.078	0.139	0.5	-3.0	NO	1.000	NO	bb
3	3 200623P1-7	Standard	1.000	5.37	522.684	19807.430	0.330	1.1	13.1	NO	1.000	NO	bb
4	4 200623P1-8	Standard	2.000	5.37	981.353	21275.279	0.577	2.0	-1.7	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	5.37	2474.428	21589.285	1.433	4.9	-2.8	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	5.37	4859.376	22709.424	2.675	9.1	-9.4	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	5.37	22845.537	18636.291	15.323	51.8	3.6	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	5.37	42914.586	18291.742	29.326	99.2	-0.8	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	5.37	109569.688	18801.031	72.848	246.3	-1.5	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	5.37	207990.422	17450.652	148.985	503.7	0.7	NO	1.000	NO	bb

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Compound name: 10:2 FTS
Correlation coefficient: r = 0.997757, r^2 = 0.995519
Calibration curve: 1.88154 * x + -0.0131449
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	5.41	82.823	1830.960	0.565	0.3	23.0	NO	0.996	NO	bb
2	2 200623P1-6	Standard	0.500	5.42	90.223	1477.972	0.763	0.4	-17.5	NO	0.996	NO	bb
3	3 200623P1-7	Standard	1.000	5.43	157.015	1277.328	1.537	0.8	-17.6	NO	0.996	NO	bb
4	4 200623P1-8	Standard	2.000	5.42	395.803	1280.046	3.865	2.1	3.1	NO	0.996	NO	bb
5	5 200623P1-9	Standard	5.000	5.43	889.972	1332.695	8.347	4.4	-11.1	NO	0.996	NO	bb
6	6 200623P1-10	Standard	10.000	5.43	2034.765	1255.878	20.252	10.8	7.7	NO	0.996	NO	bb
7	7 200623P1-11	Standard	50.000	5.42	8903.833	1075.016	103.531	55.0	10.1	NO	0.996	NO	bb
8	8 200623P1-12	Standard	100.000	5.42	15322.326	1070.601	178.899	95.1	-4.9	NO	0.996	NO	bb
9	9 200623P1-13	Standard	250.000	5.42	38694.809	941.977	513.479	272.9	9.2	NO	0.996	NO	bb
10	10 200623P1-14	Standard	500.000	5.42	63831.148	889.214	897.297	476.9	-4.6	NO	0.996	NO	bb

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999518
Calibration curve: 5.2351e-005 * x^2 + 0.946815 * x + 0.0251128
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	5.43	520.930	24939.836	0.261	0.2	-0.3	NO	1.000	NO	bb
2	2 200623P1-6	Standard	0.500	5.44	869.009	22061.078	0.492	0.5	-1.3	NO	1.000	NO	db
3	3 200623P1-7	Standard	1.000	5.44	1554.029	19807.430	0.981	1.0	0.9	NO	1.000	NO	bb
4	4 200623P1-8	Standard	2.000	5.44	3436.992	21275.279	2.019	2.1	5.3	NO	1.000	NO	bd
5	5 200623P1-9	Standard	5.000	5.44	8228.990	21589.285	4.765	5.0	0.1	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	5.44	17436.338	22709.424	9.598	10.1	1.0	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	5.44	76276.633	18636.291	51.161	53.8	7.7	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	5.44	137664.828	18291.742	94.076	98.8	-1.2	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	5.44	353227.125	18801.031	234.846	244.7	-2.1	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	5.44	682613.438	17450.652	488.960	502.4	0.5	NO	1.000	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999723
Calibration curve: -8.733e-005 * x^2 + 1.0848 * x + 0.0179887
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	1.250	5.49	199.041	21174.721	1.402	1.3	2.1	NO	1.000	NO	bb
2	2 200623P1-6	Standard	2.500	5.51	340.994	20230.678	2.515	2.3	-7.9	NO	1.000	NO	bb
3	3 200623P1-7	Standard	5.000	5.51	735.977	19173.959	5.727	5.3	5.3	NO	1.000	NO	bb
4	4 200623P1-8	Standard	10.000	5.51	1359.888	20198.738	10.045	9.2	-7.5	NO	1.000	NO	bb
5	5 200623P1-9	Standard	25.000	5.51	3841.386	20261.988	28.286	26.1	4.5	NO	1.000	NO	bb
6	6 200623P1-10	Standard	50.000	5.51	7485.510	20150.025	55.426	51.3	2.6	NO	1.000	NO	bb
7	7 200623P1-11	Standard	250.000	5.51	34164.840	18326.037	278.150	261.9	4.8	NO	1.000	NO	bb
8	8 200623P1-12	Standard	500.000	5.51	65114.434	18970.002	512.128	491.5	-1.7	NO	1.000	NO	bb
9	9 200623P1-13	Standard	1250.000	5.51	159402.734	19702.158	1207.121	1235.7	-1.1	NO	1.000	NO	bb
10	10 200623P1-14	Standard	2500.000	5.51	292133.188	20059.449	2172.855	2510.3	0.4	NO	1.000	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999382
Calibration curve: -0.000118348 * x^2 + 1.00274 * x + 0.0720307
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	5.69	578.557	24939.836	0.290	0.2	-13.1	NO	0.999	NO	bb
2	2 200623P1-6	Standard	0.500	5.69	1026.944	22061.078	0.582	0.5	1.7	NO	0.999	NO	bb
3	3 200623P1-7	Standard	1.000	5.69	1630.981	19807.430	1.029	1.0	-4.5	NO	0.999	NO	bb
4	4 200623P1-8	Standard	2.000	5.69	3757.759	21275.279	2.208	2.1	6.5	NO	0.999	NO	MM
5	5 200623P1-9	Standard	5.000	5.69	9157.090	21589.285	5.302	5.2	4.4	NO	0.999	NO	bb
6	6 200623P1-10	Standard	10.000	5.69	18305.238	22709.424	10.076	10.0	-0.1	NO	0.999	NO	bb
7	7 200623P1-11	Standard	50.000	5.69	79968.930	18636.291	53.638	53.8	7.5	NO	0.999	NO	bb
8	8 200623P1-12	Standard	100.000	5.69	144879.203	18291.742	99.006	99.8	-0.2	NO	0.999	NO	bb
9	9 200623P1-13	Standard	250.000	5.69	355528.188	18801.031	236.375	242.6	-3.0	NO	0.999	NO	bb
10	10 200623P1-14	Standard	500.000	5.69	663132.375	17450.652	475.005	503.6	0.7	NO	0.999	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999574
Calibration curve: -1.12987e-005 * x^2 + 0.193084 * x + -0.00842206
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	5.71	69.032	24171.600	0.036	0.2	-8.6	NO	1.000	NO	bb
2	2	200623P1-6	Standard	0.500	5.72	163.718	21836.125	0.094	0.5	5.8	NO	1.000	NO	bb
3	3	200623P1-7	Standard	1.000	5.72	286.049	21625.918	0.165	0.9	-10.0	NO	1.000	NO	bb
4	4	200623P1-8	Standard	2.000	5.72	713.174	21021.625	0.424	2.2	12.0	NO	1.000	NO	bb
5	5	200623P1-9	Standard	5.000	5.72	1616.507	20102.711	1.005	5.3	5.0	NO	1.000	NO	bb
6	6	200623P1-10	Standard	10.000	5.72	3339.182	21675.684	1.926	10.0	0.2	NO	1.000	NO	bb
7	7	200623P1-11	Standard	50.000	5.72	14187.425	19324.635	9.177	47.7	-4.6	NO	1.000	NO	bb
8	8	200623P1-12	Standard	100.000	5.72	28561.869	18974.229	18.816	98.1	-1.9	NO	1.000	NO	bb
9	9	200623P1-13	Standard	250.000	5.72	73427.273	18815.463	48.781	256.5	2.6	NO	1.000	NO	bb
10	10	200623P1-14	Standard	500.000	5.72	128416.422	17220.682	93.214	497.3	-0.5	NO	1.000	NO	bb

Compound name: PFTeDA
Correlation coefficient: r = 0.999724, r^2 = 0.999449
Calibration curve: 0.695078 * x + 0.00973798
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	0.250	5.91	295.160	24171.600	0.153	0.2	-17.8	NO	0.999	NO	bb
2	2	200623P1-6	Standard	0.500	5.91	715.375	21836.125	0.410	0.6	15.0	NO	0.999	NO	bb
3	3	200623P1-7	Standard	1.000	5.91	1216.205	21625.918	0.703	1.0	-0.3	NO	0.999	NO	bb
4	4	200623P1-8	Standard	2.000	5.91	2330.665	21021.625	1.386	2.0	-1.0	NO	0.999	NO	bb
5	5	200623P1-9	Standard	5.000	5.91	6232.772	20102.711	3.876	5.6	11.2	NO	0.999	NO	bb
6	6	200623P1-10	Standard	10.000	5.91	12058.149	21675.684	6.954	10.0	-0.1	NO	0.999	NO	bb
7	7	200623P1-11	Standard	50.000	5.91	51707.242	19324.635	33.446	48.1	-3.8	NO	0.999	NO	bb
8	8	200623P1-12	Standard	100.000	5.91	99930.492	18974.229	65.833	94.7	-5.3	NO	0.999	NO	MM
9	9	200623P1-13	Standard	250.000	5.91	264896.969	18815.463	175.984	253.2	1.3	NO	0.999	NO	bb
10	10	200623P1-14	Standard	500.000	5.91	482120.281	17220.682	349.957	503.5	0.7	NO	0.999	NO	MM

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999911
Calibration curve: -4.98834e-005 * x^2 + 1.18309 * x + 0.403316
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	1.250	5.98	304.095	24175.336	1.877	1.2	-0.4	NO	1.000	NO	bb
2	2 200623P1-6	Standard	2.500	5.99	563.150	24964.398	3.366	2.5	0.2	NO	1.000	NO	bb
3	3 200623P1-7	Standard	5.000	5.99	1008.156	24416.463	6.160	4.9	-2.7	NO	1.000	NO	bb
4	4 200623P1-8	Standard	10.000	5.99	2052.875	25243.525	12.133	9.9	-0.8	NO	1.000	NO	bb
5	5 200623P1-9	Standard	25.000	5.99	5238.804	25992.396	30.071	25.1	0.4	NO	1.000	NO	bb
6	6 200623P1-10	Standard	50.000	5.99	10420.962	25804.637	60.253	50.7	1.4	NO	1.000	NO	bb
7	7 200623P1-11	Standard	250.000	5.99	47103.230	23308.059	301.518	257.3	2.9	NO	1.000	NO	bb
8	8 200623P1-12	Standard	500.000	5.99	88080.313	22741.947	577.857	498.6	-0.3	NO	1.000	NO	bb
9	9 200623P1-13	Standard	1250.000	5.99	212995.406	22906.436	1387.336	1236.8	-1.1	NO	1.000	NO	bb
10	10 200623P1-14	Standard	2500.000	5.99	368061.500	20700.678	2652.801	2506.9	0.3	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999691
Calibration curve: -8.56492e-005 * x^2 + 1.05743 * x + 0.140597
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	6.26	830.638	26335.061	0.394	0.2	-4.0	NO	1.000	NO	bb
2	2 200623P1-6	Standard	0.500	6.27	1377.116	25434.533	0.677	0.5	1.4	NO	1.000	NO	bb
3	3 200623P1-7	Standard	1.000	6.27	2217.103	24672.061	1.123	0.9	-7.1	NO	1.000	NO	bb
4	4 200623P1-8	Standard	2.000	6.27	4586.746	24396.895	2.350	2.1	4.5	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	6.27	10890.070	23740.621	5.734	5.3	5.8	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	6.27	21302.361	25475.451	10.452	9.8	-2.4	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	6.27	93236.734	21984.303	53.013	50.2	0.4	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	6.27	177918.859	20525.275	108.354	103.2	3.2	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	6.27	452254.313	22319.240	253.287	244.2	-2.3	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	6.27	850057.500	20847.611	509.685	502.3	0.5	NO	1.000	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999822
Calibration curve: -0.000160059 * x^2 + 0.940781 * x + -0.0294482
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	0.250	6.52	397.827	26335.061	0.189	0.2	-7.2	NO	1.000	NO	bb
2	2 200623P1-6	Standard	0.500	6.52	923.579	25434.533	0.454	0.5	2.8	NO	1.000	NO	bb
3	3 200623P1-7	Standard	1.000	6.52	1647.651	24672.061	0.835	0.9	-8.1	NO	1.000	NO	bb
4	4 200623P1-8	Standard	2.000	6.52	3661.941	24396.895	1.876	2.0	1.3	NO	1.000	NO	bb
5	5 200623P1-9	Standard	5.000	6.52	9075.559	23740.621	4.778	5.1	2.3	NO	1.000	NO	bb
6	6 200623P1-10	Standard	10.000	6.52	17840.771	25475.451	8.754	9.4	-6.5	NO	1.000	NO	bb
7	7 200623P1-11	Standard	50.000	6.52	84406.688	21984.303	47.993	51.5	3.0	NO	1.000	NO	bb
8	8 200623P1-12	Standard	100.000	6.52	153131.813	20525.275	93.258	100.9	0.9	NO	1.000	NO	bb
9	9 200623P1-13	Standard	250.000	6.52	397222.000	22319.240	222.466	246.9	-1.3	NO	1.000	NO	bb
10	10 200623P1-14	Standard	500.000	6.52	719501.438	20847.611	431.405	501.4	0.3	NO	1.000	NO	bb

Compound name: N-MeFOSE
Correlation coefficient: r = 0.999778, r^2 = 0.999556
Calibration curve: 1.11698 * x + 0.256642
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	1.250	6.24	203.558	20288.395	1.497	1.1	-11.2	NO	1.000	NO	bb
2	2 200623P1-6	Standard	2.500	6.24	428.686	21608.781	2.960	2.4	-3.2	NO	1.000	NO	bb
3	3 200623P1-7	Standard	5.000	6.24	820.977	20800.146	5.889	5.0	0.8	NO	1.000	NO	bb
4	4 200623P1-8	Standard	10.000	6.24	1684.564	21518.281	11.680	10.2	2.3	NO	1.000	NO	bb
5	5 200623P1-9	Standard	25.000	6.24	4488.415	22894.119	29.251	26.0	3.8	NO	1.000	NO	bb
6	6 200623P1-10	Standard	50.000	6.24	8910.254	22940.934	57.949	51.7	3.3	NO	1.000	NO	bb
7	7 200623P1-11	Standard	250.000	6.24	38899.613	20779.922	279.300	249.8	-0.1	NO	1.000	NO	bb
8	8 200623P1-12	Standard	500.000	6.24	79707.477	20350.279	584.383	523.0	4.6	NO	1.000	NO	bb
9	9 200623P1-13	Standard	1250.000	6.24	203786.391	21510.771	1413.475	1265.2	1.2	NO	1.000	NO	bb
10	10 200623P1-14	Standard	2500.000	6.24	400809.188	21767.025	2747.308	2459.4	-1.6	NO	1.000	NO	bb

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Compound name: N-EtFOSE
Correlation coefficient: r = 0.999924, r^2 = 0.999847
Calibration curve: 1.09752 * x + -0.0689493
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	1.250	6.39	179.739	21316.828	1.258	1.2	-3.3	NO	1.000	NO	bb
2	2	200623P1-6	Standard	2.500	6.39	450.483	24845.990	2.705	2.5	1.1	NO	1.000	NO	bb
3	3	200623P1-7	Standard	5.000	6.39	901.710	23034.299	5.841	5.4	7.7	NO	1.000	NO	bb
4	4	200623P1-8	Standard	10.000	6.39	1791.245	24970.566	10.703	9.8	-1.9	NO	1.000	NO	bb
5	5	200623P1-9	Standard	25.000	6.39	4646.446	25539.123	27.145	24.8	-0.8	NO	1.000	NO	bb
6	6	200623P1-10	Standard	50.000	6.39	9375.806	25449.096	54.967	50.1	0.3	NO	1.000	NO	bb
7	7	200623P1-11	Standard	250.000	6.39	41344.887	23309.686	264.639	241.2	-3.5	NO	1.000	NO	bb
8	8	200623P1-12	Standard	500.000	6.39	80656.375	22131.229	543.753	495.5	-0.9	NO	1.000	NO	bb
9	9	200623P1-13	Standard	1250.000	6.39	215038.703	23036.924	1392.711	1269.0	1.5	NO	1.000	NO	bb
10	10	200623P1-14	Standard	2500.000	6.39	421503.344	22974.248	2737.339	2494.2	-0.2	NO	1.000	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 372.311
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	1.17	4509.557		4509.557	12.1	-3.1	NO		NO	MMX
2	2	200623P1-6	Standard	12.500	1.13	4432.516		4432.516	11.9	-4.8	NO		NO	MMX
3	3	200623P1-7	Standard	12.500	1.13	4759.574		4759.574	12.8	2.3	NO		NO	MMX
4	4	200623P1-8	Standard	12.500	1.13	4766.660		4766.660	12.8	2.4	NO		NO	bbX
5	5	200623P1-9	Standard	12.500	1.13	5617.448		5617.448	15.1	20.7	NO		NO	MMX
6	6	200623P1-10	Standard	12.500	1.13	4653.887		4653.887	12.5	0.0	NO		NO	MM
7	7	200623P1-11	Standard	12.500	1.13	4622.175		4622.175	12.4	-0.7	NO		NO	bbX
8	8	200623P1-12	Standard	12.500	1.13	4832.719		4832.719	13.0	3.8	NO		NO	bbX
9	9	200623P1-13	Standard	12.500	1.13	4454.639		4454.639	12.0	-4.3	NO		NO	MMX
10	10	200623P1-14	Standard	12.500	1.13	4592.658		4592.658	12.3	-1.3	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.854788
RRF SD: 0.031261, Relative SD: 3.65717
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	1.17	4608.738	4923.026	11.702	13.7	9.5	NO		NO	MM
2	2 200623P1-6	Standard	12.500	1.13	4431.522	5295.913	10.460	12.2	-2.1	NO		NO	MM
3	3 200623P1-7	Standard	12.500	1.13	4763.459	5651.559	10.536	12.3	-1.4	NO		NO	MM
4	4 200623P1-8	Standard	12.500	1.13	4766.660	5822.054	10.234	12.0	-4.2	NO		NO	bb
5	5 200623P1-9	Standard	12.500	1.13	5616.188	6617.528	10.609	12.4	-0.7	NO		NO	MM
6	6 200623P1-10	Standard	12.500	1.13	4659.908	5477.899	10.633	12.4	-0.5	NO		NO	MM
7	7 200623P1-11	Standard	12.500	1.13	4622.175	5353.469	10.792	12.6	1.0	NO		NO	bb
8	8 200623P1-12	Standard	12.500	1.13	4832.719	5613.781	10.761	12.6	0.7	NO		NO	bb
9	9 200623P1-13	Standard	12.500	1.13	4457.512	5305.658	10.502	12.3	-1.7	NO		NO	MM
10	10 200623P1-14	Standard	12.500	1.13	4595.395	5408.972	10.620	12.4	-0.6	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 857.112
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	2.07	9991.630		9991.630	11.7	-6.7	NO		NO	MMX
2	2 200623P1-6	Standard	12.500	2.05	9856.367		9856.367	11.5	-8.0	NO		NO	MMX
3	3 200623P1-7	Standard	12.500	2.06	10593.431		10593.431	12.4	-1.1	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	2.05	10750.463		10750.463	12.5	0.3	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	2.05	11881.019		11881.019	13.9	10.9	NO		NO	MMX
6	6 200623P1-10	Standard	12.500	2.05	10713.904		10713.904	12.5	0.0	NO		NO	MM
7	7 200623P1-11	Standard	12.500	2.05	10273.438		10273.438	12.0	-4.1	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	2.05	10719.800		10719.800	12.5	0.1	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	2.06	9837.935		9837.935	11.5	-8.2	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	2.05	10152.719		10152.719	11.8	-5.2	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.67091
RRF SD: 0.0494994, Relative SD: 7.37795
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	2.07	10030.495	15008.518	8.354	12.5	-0.4	NO		NO	MM
2	2	200623P1-6	Standard	12.500	2.05	9827.854	16536.766	7.429	11.1	-11.4	NO		NO	MM
3	3	200623P1-7	Standard	12.500	2.06	10593.431	16114.474	8.217	12.2	-2.0	NO		NO	bb
4	4	200623P1-8	Standard	12.500	2.05	10559.264	16468.762	8.015	11.9	-4.4	NO		NO	bb
5	5	200623P1-9	Standard	12.500	2.05	11783.969	17985.422	8.190	12.2	-2.3	NO		NO	bb
6	6	200623P1-10	Standard	12.500	2.05	10682.914	16822.398	7.938	11.8	-5.3	NO		NO	MM
7	7	200623P1-11	Standard	12.500	2.05	10276.820	14199.131	9.047	13.5	7.9	NO		NO	MM
8	8	200623P1-12	Standard	12.500	2.05	10716.038	14368.846	9.322	13.9	11.2	NO		NO	bb
9	9	200623P1-13	Standard	12.500	2.06	9818.137	15133.421	8.110	12.1	-3.3	NO		NO	MM
10	10	200623P1-14	Standard	12.500	2.05	10028.814	13564.120	9.242	13.8	10.2	NO		NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 103.162
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	2.34	1303.162		1303.162	12.6	1.1	NO		NO	MMX
2	2	200623P1-6	Standard	12.500	2.34	1316.574		1316.574	12.8	2.1	NO		NO	MMX
3	3	200623P1-7	Standard	12.500	2.34	1384.870		1384.870	13.4	7.4	NO		NO	bbX
4	4	200623P1-8	Standard	12.500	2.34	1393.507		1393.507	13.5	8.1	NO		NO	MMX
5	5	200623P1-9	Standard	12.500	2.34	1565.191		1565.191	15.2	21.4	NO		NO	MMX
6	6	200623P1-10	Standard	12.500	2.34	1289.529		1289.529	12.5	0.0	NO		NO	MM
7	7	200623P1-11	Standard	12.500	2.34	1259.821		1259.821	12.2	-2.3	NO		NO	bbX
8	8	200623P1-12	Standard	12.500	2.34	1314.962		1314.962	12.7	2.0	NO		NO	bbX
9	9	200623P1-13	Standard	12.500	2.35	1270.140		1270.140	12.3	-1.5	NO		NO	MMX
10	10	200623P1-14	Standard	12.500	2.34	1194.395		1194.395	11.6	-7.4	NO		NO	MMX

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Compound name: 13C3-PFBS-RSD
Response Factor: 1.14141
RRF SD: 0.0860941, Relative SD: 7.54281
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	2.34	1308.164	1128.142	14.495	12.7	1.6	NO		NO	MM
2	2 200623P1-6	Standard	12.500	2.34	1315.734	1287.642	12.773	11.2	-10.5	NO		NO	MM
3	3 200623P1-7	Standard	12.500	2.34	1384.870	1180.907	14.659	12.8	2.7	NO		NO	bb
4	4 200623P1-8	Standard	12.500	2.34	1393.842	1250.996	13.927	12.2	-2.4	NO		NO	MM
5	5 200623P1-9	Standard	12.500	2.34	1547.299	1226.281	15.772	13.8	10.5	NO		NO	bb
6	6 200623P1-10	Standard	12.500	2.34	1292.255	1291.625	12.506	11.0	-12.3	NO		NO	MM
7	7 200623P1-11	Standard	12.500	2.34	1259.821	1145.224	13.751	12.0	-3.6	NO		NO	bb
8	8 200623P1-12	Standard	12.500	2.34	1314.962	1125.035	14.610	12.8	2.4	NO		NO	bb
9	9 200623P1-13	Standard	12.500	2.35	1270.290	1096.962	14.475	12.7	1.5	NO		NO	MM
10	10 200623P1-14	Standard	12.500	2.34	1198.751	953.955	15.708	13.8	10.1	NO		NO	MM

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 209.846
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.04	2612.893		2612.893	12.5	-0.4	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	3.07	2501.054		2501.054	11.9	-4.7	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	3.07	2423.969		2423.969	11.6	-7.6	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	3.07	2456.514		2456.514	11.7	-6.3	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	3.07	2600.230		2600.230	12.4	-0.9	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	3.08	2623.079		2623.079	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.07	2280.217		2280.217	10.9	-13.1	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	3.07	2406.619		2406.619	11.5	-8.3	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	3.08	2336.702		2336.702	11.1	-10.9	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	3.08	2219.779		2219.779	10.6	-15.4	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.157202
RRF SD: 0.00922187, Relative SD: 5.86627
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.04	2612.893	15008.518	2.176	13.8	10.7	NO		NO	bb
2	2 200623P1-6	Standard	12.500	3.07	2501.054	16536.766	1.891	12.0	-3.8	NO		NO	bb
3	3 200623P1-7	Standard	12.500	3.07	2423.969	16114.474	1.880	12.0	-4.3	NO		NO	bb
4	4 200623P1-8	Standard	12.500	3.07	2456.514	16468.762	1.865	11.9	-5.1	NO		NO	bb
5	5 200623P1-9	Standard	12.500	3.07	2600.230	17985.422	1.807	11.5	-8.0	NO		NO	bb
6	6 200623P1-10	Standard	12.500	3.08	2623.079	16822.398	1.949	12.4	-0.8	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.07	2280.217	14199.131	2.007	12.8	2.2	NO		NO	bb
8	8 200623P1-12	Standard	12.500	3.07	2406.619	14368.846	2.094	13.3	6.5	NO		NO	bb
9	9 200623P1-13	Standard	12.500	3.08	2336.702	15133.421	1.930	12.3	-1.8	NO		NO	bb
10	10 200623P1-14	Standard	12.500	3.08	2226.021	13564.120	2.051	13.0	4.4	NO		NO	MM

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 129.645
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	2.74	1458.692		1458.692	11.3	-10.0	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	2.77	1697.559		1697.559	13.1	4.8	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	2.77	1508.151		1508.151	11.6	-6.9	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	2.77	1664.189		1664.189	12.8	2.7	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	2.77	1517.715		1517.715	11.7	-6.3	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	2.77	1620.568		1620.568	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	2.77	1291.799		1291.799	10.0	-20.3	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	2.77	1261.330		1261.330	9.7	-22.2	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	2.77	1217.314		1217.314	9.4	-24.9	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	2.77	1096.388		1096.388	8.5	-32.3	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.22192
RRF SD: 0.0864762, Relative SD: 7.07705
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	2.74	1458.692	1128.142	16.163	13.2	5.8	NO		NO	bb
2	2 200623P1-6	Standard	12.500	2.77	1697.559	1287.642	16.479	13.5	7.9	NO		NO	bb
3	3 200623P1-7	Standard	12.500	2.77	1508.151	1180.907	15.964	13.1	4.5	NO		NO	bb
4	4 200623P1-8	Standard	12.500	2.77	1664.189	1250.996	16.629	13.6	8.9	NO		NO	bb
5	5 200623P1-9	Standard	12.500	2.77	1517.715	1226.281	15.471	12.7	1.3	NO		NO	bb
6	6 200623P1-10	Standard	12.500	2.77	1620.568	1291.625	15.683	12.8	2.7	NO		NO	bb
7	7 200623P1-11	Standard	12.500	2.77	1291.799	1145.224	14.100	11.5	-7.7	NO		NO	bb
8	8 200623P1-12	Standard	12.500	2.77	1261.330	1125.035	14.014	11.5	-8.2	NO		NO	bb
9	9 200623P1-13	Standard	12.500	2.77	1217.314	1096.962	13.871	11.4	-9.2	NO		NO	bb
10	10 200623P1-14	Standard	12.500	2.77	1096.388	953.955	14.366	11.8	-5.9	NO		NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 1122.22
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	2.83	14308.618		14308.618	12.8	2.0	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	2.85	14512.007		14512.007	12.9	3.5	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	2.85	12990.770		12990.770	11.6	-7.4	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	2.85	13975.037		13975.037	12.5	-0.4	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	2.85	15168.406		15168.406	13.5	8.1	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	2.85	14027.739		14027.739	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	2.85	12766.495		12766.495	11.4	-9.0	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	2.85	12759.594		12759.594	11.4	-9.0	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	2.86	13216.283		13216.283	11.8	-5.8	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	2.85	12492.638		12492.638	11.1	-10.9	NO		NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.874434
RRF SD: 0.0436445, Relative SD: 4.99118
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	2.83	14308.618	15008.518	11.917	13.6	9.0	NO		NO	bb
2	2 200623P1-6	Standard	12.500	2.85	14512.007	16536.766	10.970	12.5	0.4	NO		NO	bb
3	3 200623P1-7	Standard	12.500	2.85	12990.770	16114.474	10.077	11.5	-7.8	NO		NO	bb
4	4 200623P1-8	Standard	12.500	2.85	13975.037	16468.762	10.607	12.1	-3.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	2.85	15168.406	17985.422	10.542	12.1	-3.6	NO		NO	bb
6	6 200623P1-10	Standard	12.500	2.85	14027.739	16822.398	10.423	11.9	-4.6	NO		NO	bb
7	7 200623P1-11	Standard	12.500	2.85	12766.495	14199.131	11.239	12.9	2.8	NO		NO	bb
8	8 200623P1-12	Standard	12.500	2.85	12759.594	14368.846	11.100	12.7	1.6	NO		NO	bb
9	9 200623P1-13	Standard	12.500	2.86	13216.283	15133.421	10.916	12.5	-0.1	NO		NO	bb
10	10 200623P1-14	Standard	12.500	2.85	12492.638	13564.120	11.513	13.2	5.3	NO		NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 1030.63
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.45	12910.530		12910.530	12.5	0.2	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	3.47	12785.187		12785.187	12.4	-0.8	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	3.47	12289.664		12289.664	11.9	-4.6	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	3.47	12832.168		12832.168	12.5	-0.4	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	3.47	12968.138		12968.138	12.6	0.7	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	3.47	12882.915		12882.915	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.47	11568.103		11568.103	11.2	-10.2	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	3.47	11099.902		11099.902	10.8	-13.8	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	3.47	11248.605		11248.605	10.9	-12.7	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	3.47	10512.982		10512.982	10.2	-18.4	NO		NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.776759
RRF SD: 0.0379887, Relative SD: 4.89066
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.45	12910.530	15008.518	10.753	13.8	10.7	NO		NO	bb
2	2 200623P1-6	Standard	12.500	3.47	12785.187	16536.766	9.664	12.4	-0.5	NO		NO	bb
3	3 200623P1-7	Standard	12.500	3.47	12289.664	16114.474	9.533	12.3	-1.8	NO		NO	bb
4	4 200623P1-8	Standard	12.500	3.47	12832.168	16468.762	9.740	12.5	0.3	NO		NO	bb
5	5 200623P1-9	Standard	12.500	3.47	12968.138	17985.422	9.013	11.6	-7.2	NO		NO	bb
6	6 200623P1-10	Standard	12.500	3.47	12882.915	16822.398	9.573	12.3	-1.4	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.47	11568.103	14199.131	10.184	13.1	4.9	NO		NO	bb
8	8 200623P1-12	Standard	12.500	3.47	11099.902	14368.846	9.656	12.4	-0.5	NO		NO	bb
9	9 200623P1-13	Standard	12.500	3.47	11248.605	15133.421	9.291	12.0	-4.3	NO		NO	bb
10	10 200623P1-14	Standard	12.500	3.47	10512.982	13564.120	9.688	12.5	-0.2	NO		NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 247.792
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.60	2958.927		2958.927	11.9	-4.5	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	3.62	2901.573		2901.573	11.7	-6.3	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	3.62	2891.992		2891.992	11.7	-6.6	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	3.62	2993.493		2993.493	12.1	-3.4	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	3.62	3165.577		3165.577	12.8	2.2	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	3.62	3097.400		3097.400	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.62	2688.084		2688.084	10.8	-13.2	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	3.62	2775.877		2775.877	11.2	-10.4	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	3.62	2507.024		2507.024	10.1	-19.1	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	3.62	2353.231		2353.231	9.5	-24.0	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 2.42644
RRF SD: 0.117589, Relative SD: 4.84616
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.60	2958.927	1128.142	32.785	13.5	8.1	NO		NO	bb
2	2 200623P1-6	Standard	12.500	3.62	2901.573	1287.642	28.168	11.6	-7.1	NO		NO	bb
3	3 200623P1-7	Standard	12.500	3.62	2891.992	1180.907	30.612	12.6	0.9	NO		NO	bb
4	4 200623P1-8	Standard	12.500	3.62	2993.493	1250.996	29.911	12.3	-1.4	NO		NO	bb
5	5 200623P1-9	Standard	12.500	3.62	3165.577	1226.281	32.268	13.3	6.4	NO		NO	bb
6	6 200623P1-10	Standard	12.500	3.62	3097.400	1291.625	29.976	12.4	-1.2	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.62	2688.084	1145.224	29.340	12.1	-3.3	NO		NO	bb
8	8 200623P1-12	Standard	12.500	3.62	2775.877	1125.035	30.842	12.7	1.7	NO		NO	bb
9	9 200623P1-13	Standard	12.500	3.62	2507.024	1096.962	28.568	11.8	-5.8	NO		NO	bb
10	10 200623P1-14	Standard	12.500	3.62	2353.231	953.955	30.835	12.7	1.7	NO		NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 142.246
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.91	2036.965		2036.965	14.3	14.6	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	3.92	1780.727		1780.727	12.5	0.1	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	3.92	1779.598		1779.598	12.5	0.1	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	3.92	1822.579		1822.579	12.8	2.5	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	3.92	2053.077		2053.077	14.4	15.5	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	3.92	1778.076		1778.076	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.92	1479.697		1479.697	10.4	-16.8	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	3.92	1689.019		1689.019	11.9	-5.0	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	3.92	1405.404		1405.404	9.9	-21.0	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	3.92	1419.529		1419.529	10.0	-20.2	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.537697
RRF SD: 0.0399059, Relative SD: 7.42163
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	3.91	2036.965	3256.719	7.818	14.5	16.3	NO		NO	bb
2	2	200623P1-6	Standard	12.500	3.92	1780.727	3608.113	6.169	11.5	-8.2	NO		NO	bb
3	3	200623P1-7	Standard	12.500	3.92	1779.598	3351.424	6.637	12.3	-1.2	NO		NO	bb
4	4	200623P1-8	Standard	12.500	3.92	1822.579	3435.370	6.632	12.3	-1.3	NO		NO	bb
5	5	200623P1-9	Standard	12.500	3.92	2053.077	3555.325	7.218	13.4	7.4	NO		NO	bb
6	6	200623P1-10	Standard	12.500	3.92	1778.076	3303.566	6.728	12.5	0.1	NO		NO	bb
7	7	200623P1-11	Standard	12.500	3.92	1479.697	3035.699	6.093	11.3	-9.3	NO		NO	bb
8	8	200623P1-12	Standard	12.500	3.92	1689.019	3127.980	6.750	12.6	0.4	NO		NO	bb
9	9	200623P1-13	Standard	12.500	3.92	1405.404	2723.408	6.451	12.0	-4.0	NO		NO	bb
10	10	200623P1-14	Standard	12.500	3.92	1419.529	2641.994	6.716	12.5	-0.1	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 1387.35
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	4.42	17060.445		17060.445	12.3	-1.6	NO		NO	bbX
2	2	200623P1-6	Standard	12.500	4.43	16621.627		16621.627	12.0	-4.2	NO		NO	bbX
3	3	200623P1-7	Standard	12.500	4.43	16089.027		16089.027	11.6	-7.2	NO		NO	bbX
4	4	200623P1-8	Standard	12.500	4.43	17159.158		17159.158	12.4	-1.1	NO		NO	bbX
5	5	200623P1-9	Standard	12.500	4.43	17364.061		17364.061	12.5	0.1	NO		NO	bbX
6	6	200623P1-10	Standard	12.500	4.43	17341.826		17341.826	12.5	0.0	NO		NO	bb
7	7	200623P1-11	Standard	12.500	4.43	15542.883		15542.883	11.2	-10.4	NO		NO	bbX
8	8	200623P1-12	Standard	12.500	4.43	14420.965		14420.965	10.4	-16.8	NO		NO	bbX
9	9	200623P1-13	Standard	12.500	4.43	14244.419		14244.419	10.3	-17.9	NO		NO	bbX
10	10	200623P1-14	Standard	12.500	4.43	13565.595		13565.595	9.8	-21.8	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.943316
RRF SD: 0.027702, Relative SD: 2.93666
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.42	17060.445	17112.691	12.462	13.2	5.7	NO		NO	bb
2	2 200623P1-6	Standard	12.500	4.43	16621.627	17882.682	11.619	12.3	-1.5	NO		NO	bb
3	3 200623P1-7	Standard	12.500	4.43	16089.027	17078.672	11.776	12.5	-0.1	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.43	17159.158	18365.686	11.679	12.4	-1.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.43	17364.061	19334.344	11.226	11.9	-4.8	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.43	17341.826	18436.900	11.758	12.5	-0.3	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.43	15542.883	16119.399	12.053	12.8	2.2	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.43	14420.965	15459.446	11.660	12.4	-1.1	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.43	14244.419	14669.569	12.138	12.9	2.9	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.43	13565.595	14687.749	11.545	12.2	-2.1	NO		NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 461.908
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.47	6497.657		6497.657	14.1	12.5	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	4.48	5786.879		5786.879	12.5	0.2	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	4.48	5253.444		5253.444	11.4	-9.0	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	4.48	5774.186		5774.186	12.5	0.0	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	4.48	6013.183		6013.183	13.0	4.1	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	4.48	5773.851		5773.851	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.48	5075.659		5075.659	11.0	-12.1	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	4.48	5062.284		5062.284	11.0	-12.3	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	4.48	4949.122		4949.122	10.7	-14.3	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	4.48	4540.544		4540.544	9.8	-21.4	NO		NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.399326
RRF SD: 0.0181499, Relative SD: 4.54513
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.47	6497.657	15315.647	5.303	13.3	6.2	NO		NO	bb
2	2 200623P1-6	Standard	12.500	4.48	5786.879	15019.549	4.816	12.1	-3.5	NO		NO	bb
3	3 200623P1-7	Standard	12.500	4.48	5253.444	14411.872	4.557	11.4	-8.7	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.48	5774.186	14359.284	5.027	12.6	0.7	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.48	6013.183	14192.231	5.296	13.3	6.1	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.48	5773.851	14679.395	4.917	12.3	-1.5	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.48	5075.659	12823.914	4.947	12.4	-0.9	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.48	5062.284	12485.652	5.068	12.7	1.5	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.48	4949.122	12746.413	4.853	12.2	-2.8	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.48	4540.544	11060.155	5.132	12.9	2.8	NO		NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 1241.64
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.96	15213.387		15213.387	12.3	-2.0	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	3.98	15446.239		15446.239	12.4	-0.5	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	3.98	15269.786		15269.786	12.3	-1.6	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	3.98	15422.189		15422.189	12.4	-0.6	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	3.98	16765.350		16765.350	13.5	8.0	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	3.98	15520.500		15520.500	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.98	13498.372		13498.372	10.9	-13.0	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	3.98	13200.130		13200.130	10.6	-15.0	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	3.98	13398.215		13398.215	10.8	-13.7	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	3.98	11532.209		11532.209	9.3	-25.7	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 1.07957
RRF SD: 0.0346313, Relative SD: 3.20789
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	3.96	15213.387	13674.336	13.907	12.9	3.1	NO		NO	bb
2	2 200623P1-6	Standard	12.500	3.98	15446.239	14541.803	13.277	12.3	-1.6	NO		NO	bb
3	3 200623P1-7	Standard	12.500	3.98	15269.786	14809.965	12.888	11.9	-4.5	NO		NO	bb
4	4 200623P1-8	Standard	12.500	3.98	15422.189	14283.226	13.497	12.5	0.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	3.98	16765.350	14973.332	13.996	13.0	3.7	NO		NO	bb
6	6 200623P1-10	Standard	12.500	3.98	15520.500	14386.059	13.486	12.5	-0.1	NO		NO	bb
7	7 200623P1-11	Standard	12.500	3.98	13498.372	13016.652	12.963	12.0	-3.9	NO		NO	bb
8	8 200623P1-12	Standard	12.500	3.98	13200.130	12626.885	13.067	12.1	-3.2	NO		NO	bb
9	9 200623P1-13	Standard	12.500	3.98	13398.215	12041.951	13.908	12.9	3.1	NO		NO	bb
10	10 200623P1-14	Standard	12.500	3.98	11532.209	10328.300	13.957	12.9	3.4	NO		NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 238.208
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.51	3005.798		3005.798	12.6	0.9	NO		NO	MMX
2	2 200623P1-6	Standard	12.500	4.52	2887.657		2887.657	12.1	-3.0	NO		NO	MMX
3	3 200623P1-7	Standard	12.500	4.52	2888.382		2888.382	12.1	-3.0	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	4.52	3097.817		3097.817	13.0	4.0	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	4.52	3155.505		3155.505	13.2	6.0	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	4.52	2977.596		2977.596	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.52	2676.853		2676.853	11.2	-10.1	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	4.52	2557.763		2557.763	10.7	-14.1	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	4.52	2656.505		2656.505	11.2	-10.8	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	4.52	2237.510		2237.510	9.4	-24.9	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.881885
RRF SD: 0.0495625, Relative SD: 5.62006
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.51	3028.197	3256.719	11.623	13.2	5.4	NO		NO	db
2	2 200623P1-6	Standard	12.500	4.52	2939.672	3608.113	10.184	11.5	-7.6	NO		NO	MM
3	3 200623P1-7	Standard	12.500	4.52	2888.382	3351.424	10.773	12.2	-2.3	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.52	3097.817	3435.370	11.272	12.8	2.3	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.52	3155.505	3555.325	11.094	12.6	0.6	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.52	2977.596	3303.566	11.267	12.8	2.2	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.52	2676.853	3035.699	11.022	12.5	-0.0	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.52	2557.763	3127.980	10.221	11.6	-7.3	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.52	2656.505	2723.408	12.193	13.8	10.6	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.52	2237.510	2641.994	10.586	12.0	-4.0	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1614.46
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.81	21322.191		21322.191	13.2	5.7	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	4.82	20363.055		20363.055	12.6	0.9	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	4.82	18887.498		18887.498	11.7	-6.4	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	4.82	20315.941		20315.941	12.6	0.7	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	4.82	20171.088		20171.088	12.5	-0.0	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	4.82	20180.777		20180.777	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.82	17891.246		17891.246	11.1	-11.3	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	4.82	17341.406		17341.406	10.7	-14.1	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	4.82	18070.754		18070.754	11.2	-10.5	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	4.82	16850.373		16850.373	10.4	-16.5	NO		NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 1.20575
RRF SD: 0.0507933, Relative SD: 4.21258
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.81	21322.191	16616.883	16.040	13.3	6.4	NO		NO	bb
2	2 200623P1-6	Standard	12.500	4.82	20363.055	17843.660	14.265	11.8	-5.4	NO		NO	bb
3	3 200623P1-7	Standard	12.500	4.82	18887.498	16133.438	14.634	12.1	-2.9	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.82	20315.941	17348.213	14.638	12.1	-2.9	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.82	20171.088	17053.041	14.786	12.3	-1.9	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.82	20180.777	16297.992	15.478	12.8	2.7	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.82	17891.246	15411.479	14.511	12.0	-3.7	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.82	17341.406	14326.973	15.130	12.5	0.4	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.82	18070.754	14939.439	15.120	12.5	0.3	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.82	16850.373	13068.202	16.118	13.4	6.9	NO		NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 137.12
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.77	2192.840		2192.840	16.0	27.9	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	4.78	1798.916		1798.916	13.1	5.0	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	4.78	1721.353		1721.353	12.6	0.4	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	4.78	1708.595		1708.595	12.5	-0.3	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	4.78	1791.744		1791.744	13.1	4.5	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	4.79	1713.999		1713.999	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.78	1495.274		1495.274	10.9	-12.8	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	4.78	1534.699		1534.699	11.2	-10.5	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	4.79	1587.409		1587.409	11.6	-7.4	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	4.78	1456.486		1456.486	10.6	-15.0	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.532303
RRF SD: 0.0575559, Relative SD: 10.8126
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	4.77	2192.840	3256.719	8.417	15.8	26.5	NO		NO	bb
2	2	200623P1-6	Standard	12.500	4.78	1798.916	3608.113	6.232	11.7	-6.3	NO		NO	bb
3	3	200623P1-7	Standard	12.500	4.78	1721.353	3351.424	6.420	12.1	-3.5	NO		NO	bb
4	4	200623P1-8	Standard	12.500	4.78	1708.595	3435.370	6.217	11.7	-6.6	NO		NO	bb
5	5	200623P1-9	Standard	12.500	4.78	1791.744	3555.325	6.300	11.8	-5.3	NO		NO	bb
6	6	200623P1-10	Standard	12.500	4.79	1713.999	3303.566	6.485	12.2	-2.5	NO		NO	bb
7	7	200623P1-11	Standard	12.500	4.78	1495.274	3035.699	6.157	11.6	-7.5	NO		NO	bb
8	8	200623P1-12	Standard	12.500	4.78	1534.699	3127.980	6.133	11.5	-7.8	NO		NO	bb
9	9	200623P1-13	Standard	12.500	4.79	1587.409	2723.408	7.286	13.7	9.5	NO		NO	bb
10	10	200623P1-14	Standard	12.500	4.78	1456.486	2641.994	6.891	12.9	3.6	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 360.498
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	4.96	4572.184		4572.184	12.7	1.5	NO		NO	bbX
2	2	200623P1-6	Standard	12.500	4.97	4227.139		4227.139	11.7	-6.2	NO		NO	bbX
3	3	200623P1-7	Standard	12.500	4.97	4251.271		4251.271	11.8	-5.7	NO		NO	bbX
4	4	200623P1-8	Standard	12.500	4.97	4603.334		4603.334	12.8	2.2	NO		NO	bbX
5	5	200623P1-9	Standard	12.500	4.97	4605.573		4605.573	12.8	2.2	NO		NO	bbX
6	6	200623P1-10	Standard	12.500	4.97	4506.229		4506.229	12.5	0.0	NO		NO	bb
7	7	200623P1-11	Standard	12.500	4.97	4181.463		4181.463	11.6	-7.2	NO		NO	bbX
8	8	200623P1-12	Standard	12.500	4.97	4051.980		4051.980	11.2	-10.1	NO		NO	bbX
9	9	200623P1-13	Standard	12.500	4.97	3598.521		3598.521	10.0	-20.1	NO		NO	bbX
10	10	200623P1-14	Standard	12.500	4.97	3684.517		3684.517	10.2	-18.2	NO		NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.309308
RRF SD: 0.0190626, Relative SD: 6.16299
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.96	4572.184	15315.647	3.732	12.1	-3.5	NO		NO	bb
2	2 200623P1-6	Standard	12.500	4.97	4227.139	15019.549	3.518	11.4	-9.0	NO		NO	bb
3	3 200623P1-7	Standard	12.500	4.97	4251.271	14411.872	3.687	11.9	-4.6	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.97	4603.334	14359.284	4.007	13.0	3.6	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.97	4605.573	14192.231	4.056	13.1	4.9	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.97	4506.229	14679.395	3.837	12.4	-0.8	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.97	4181.463	12823.914	4.076	13.2	5.4	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.97	4051.980	12485.652	4.057	13.1	4.9	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.97	3598.521	12746.413	3.529	11.4	-8.7	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.97	3684.517	11060.155	4.164	13.5	7.7	NO		NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1523.36
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.14	19598.148		19598.148	12.9	2.9	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	5.15	19960.838		19960.838	13.1	4.8	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	5.15	18180.648		18180.648	11.9	-4.5	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	5.15	18283.648		18283.648	12.0	-4.0	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	5.15	18061.854		18061.854	11.9	-5.1	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	5.15	19042.008		19042.008	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.15	17007.563		17007.563	11.2	-10.7	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	5.15	15946.504		15946.504	10.5	-16.3	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	5.15	16383.290		16383.290	10.8	-14.0	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	5.15	15196.003		15196.003	10.0	-20.2	NO		NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.2976
RRF SD: 0.0350238, Relative SD: 2.69913
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.14	19598.148	15315.647	15.995	12.3	-1.4	NO		NO	bb
2	2 200623P1-6	Standard	12.500	5.15	19960.838	15019.549	16.612	12.8	2.4	NO		NO	bb
3	3 200623P1-7	Standard	12.500	5.15	18180.648	14411.872	15.769	12.2	-2.8	NO		NO	bb
4	4 200623P1-8	Standard	12.500	5.15	18283.648	14359.284	15.916	12.3	-1.9	NO		NO	bb
5	5 200623P1-9	Standard	12.500	5.15	18061.854	14192.231	15.908	12.3	-1.9	NO		NO	bb
6	6 200623P1-10	Standard	12.500	5.15	19042.008	14679.395	16.215	12.5	-0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.15	17007.563	12823.914	16.578	12.8	2.2	NO		NO	bb
8	8 200623P1-12	Standard	12.500	5.15	15946.504	12485.652	15.965	12.3	-1.6	NO		NO	bb
9	9 200623P1-13	Standard	12.500	5.15	16383.290	12746.413	16.067	12.4	-0.9	NO		NO	bb
10	10 200623P1-14	Standard	12.500	5.15	15196.003	11060.155	17.174	13.2	5.9	NO		NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 386.544
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.12	5185.812		5185.812	13.4	7.3	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	5.13	4598.833		4598.833	11.9	-4.8	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	5.13	4412.171		4412.171	11.4	-8.7	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	5.13	4817.416		4817.416	12.5	-0.3	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	5.13	4800.948		4800.948	12.4	-0.6	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	5.13	4831.803		4831.803	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.13	4120.421		4120.421	10.7	-14.7	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	5.13	4277.048		4277.048	11.1	-11.5	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	5.13	3731.251		3731.251	9.7	-22.8	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	5.13	3804.196		3804.196	9.8	-21.3	NO		NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.325705
RRF SD: 0.0183028, Relative SD: 5.61946
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.12	5185.812	15315.647	4.232	13.0	4.0	NO		NO	bb
2	2 200623P1-6	Standard	12.500	5.13	4598.833	15019.549	3.827	11.8	-6.0	NO		NO	bb
3	3 200623P1-7	Standard	12.500	5.13	4412.171	14411.872	3.827	11.7	-6.0	NO		NO	bb
4	4 200623P1-8	Standard	12.500	5.13	4817.416	14359.284	4.194	12.9	3.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	5.13	4800.948	14192.231	4.229	13.0	3.9	NO		NO	bb
6	6 200623P1-10	Standard	12.500	5.13	4831.803	14679.395	4.114	12.6	1.1	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.13	4120.421	12823.914	4.016	12.3	-1.4	NO		NO	bb
8	8 200623P1-12	Standard	12.500	5.13	4309.991	12485.652	4.315	13.2	6.0	NO		NO	MM
9	9 200623P1-13	Standard	12.500	5.13	3731.251	12746.413	3.659	11.2	-10.1	NO		NO	bb
10	10 200623P1-14	Standard	12.500	5.13	3804.196	11060.155	4.299	13.2	5.6	NO		NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1816.75
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.43	24939.836		24939.836	13.7	9.8	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	5.44	22061.078		22061.078	12.1	-2.9	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	5.44	19807.430		19807.430	10.9	-12.8	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	5.44	21275.279		21275.279	11.7	-6.3	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	5.44	21589.285		21589.285	11.9	-4.9	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	5.44	22709.424		22709.424	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.44	18636.291		18636.291	10.3	-17.9	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	5.44	18291.742		18291.742	10.1	-19.5	NO		NO	MMX
9	9 200623P1-13	Standard	12.500	5.44	18801.031		18801.031	10.3	-17.2	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	5.44	17450.652		17450.652	9.6	-23.2	NO		NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.29305
RRF SD: 0.0920097, Relative SD: 7.11571
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.43	24939.836	16616.883	18.761	14.5	16.1	NO		NO	bb
2	2 200623P1-6	Standard	12.500	5.44	22061.078	17843.660	15.454	12.0	-4.4	NO		NO	bb
3	3 200623P1-7	Standard	12.500	5.44	19807.430	16133.438	15.347	11.9	-5.1	NO		NO	bb
4	4 200623P1-8	Standard	12.500	5.44	21275.279	17348.213	15.330	11.9	-5.2	NO		NO	bb
5	5 200623P1-9	Standard	12.500	5.44	21589.285	17053.041	15.825	12.2	-2.1	NO		NO	bb
6	6 200623P1-10	Standard	12.500	5.44	22709.424	16297.992	17.417	13.5	7.8	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.44	18636.291	15411.479	15.116	11.7	-6.5	NO		NO	bb
8	8 200623P1-12	Standard	12.500	5.44	18291.363	14326.973	15.959	12.3	-1.3	NO		NO	MM
9	9 200623P1-13	Standard	12.500	5.44	18801.031	14939.439	15.731	12.2	-2.7	NO		NO	bb
10	10 200623P1-14	Standard	12.500	5.44	17450.652	13068.202	16.692	12.9	3.3	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 100.47
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.41	1830.960		1830.960	18.2	45.8	YES		NO	bbX
2	2 200623P1-6	Standard	12.500	5.42	1477.972		1477.972	14.7	17.7	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	5.42	1277.328		1277.328	12.7	1.7	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	5.42	1280.046		1280.046	12.7	1.9	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	5.42	1332.695		1332.695	13.3	6.1	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	5.42	1255.878		1255.878	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.42	1075.016		1075.016	10.7	-14.4	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	5.42	1070.601		1070.601	10.7	-14.8	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	5.42	941.977		941.977	9.4	-25.0	NO		NO	MMX
10	10 200623P1-14	Standard	12.500	5.42	889.214		889.214	8.9	-29.2	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.386307
RRF SD: 0.0654918, Relative SD: 16.9533
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.41	1830.960	3256.719	7.028	18.2	45.5	YES		NO	bb
2	2 200623P1-6	Standard	12.500	5.42	1477.972	3608.113	5.120	13.3	6.0	NO		NO	bb
3	3 200623P1-7	Standard	12.500	5.42	1277.328	3351.424	4.764	12.3	-1.3	NO		NO	bb
4	4 200623P1-8	Standard	12.500	5.42	1280.046	3435.370	4.658	12.1	-3.5	NO		NO	bb
5	5 200623P1-9	Standard	12.500	5.42	1332.695	3555.325	4.686	12.1	-3.0	NO		NO	bb
6	6 200623P1-10	Standard	12.500	5.42	1255.878	3303.566	4.752	12.3	-1.6	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.42	1075.016	3035.699	4.427	11.5	-8.3	NO		NO	bb
8	8 200623P1-12	Standard	12.500	5.42	1070.474	3127.980	4.278	11.1	-11.4	NO		NO	MM
9	9 200623P1-13	Standard	12.500	5.42	941.978	2723.408	4.324	11.2	-10.5	NO		NO	MM
10	10 200623P1-14	Standard	12.500	5.42	898.965	2641.994	4.253	11.0	-11.9	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 135.054
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	5.53	21174.721		21174.721	156.8	5.1	NO		NO	bbX
2	2 200623P1-6	Standard	149.200	5.54	20230.678		20230.678	149.8	0.4	NO		NO	bbX
3	3 200623P1-7	Standard	149.200	5.54	19173.959		19173.959	142.0	-4.8	NO		NO	bbX
4	4 200623P1-8	Standard	149.200	5.54	20198.738		20198.738	149.6	0.2	NO		NO	bbX
5	5 200623P1-9	Standard	149.200	5.54	20261.988		20261.988	150.0	0.6	NO		NO	bbX
6	6 200623P1-10	Standard	149.200	5.54	20150.025		20150.025	149.2	0.0	NO		NO	bb
7	7 200623P1-11	Standard	149.200	5.54	18326.037		18326.037	135.7	-9.1	NO		NO	bbX
8	8 200623P1-12	Standard	149.200	5.54	18970.002		18970.002	140.5	-5.9	NO		NO	bbX
9	9 200623P1-13	Standard	149.200	5.54	19702.158		19702.158	145.9	-2.2	NO		NO	bbX
10	10 200623P1-14	Standard	149.200	5.54	20059.449		20059.449	148.5	-0.4	NO		NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.122107
RRF SD: 0.0119767, Relative SD: 9.80832
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	5.53	21174.721	15315.647	17.282	141.5	-5.1	NO		NO	bb
2	2 200623P1-6	Standard	149.200	5.54	20230.678	15019.549	16.837	137.9	-7.6	NO		NO	bb
3	3 200623P1-7	Standard	149.200	5.54	19173.959	14411.872	16.630	136.2	-8.7	NO		NO	bb
4	4 200623P1-8	Standard	149.200	5.54	20198.738	14359.284	17.583	144.0	-3.5	NO		NO	bb
5	5 200623P1-9	Standard	149.200	5.54	20261.988	14192.231	17.846	146.2	-2.0	NO		NO	bb
6	6 200623P1-10	Standard	149.200	5.54	20150.025	14679.395	17.158	140.5	-5.8	NO		NO	bb
7	7 200623P1-11	Standard	149.200	5.54	18326.037	12823.914	17.863	146.3	-2.0	NO		NO	bb
8	8 200623P1-12	Standard	149.200	5.54	18970.002	12485.652	18.992	155.5	4.2	NO		NO	bb
9	9 200623P1-13	Standard	149.200	5.54	19702.158	12746.413	19.321	158.2	6.1	NO		NO	bb
10	10 200623P1-14	Standard	149.200	5.54	20059.449	11060.155	22.671	185.7	24.4	NO		NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1734.05
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.91	24171.600		24171.600	13.9	11.5	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	5.91	21836.125		21836.125	12.6	0.7	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	5.91	21625.918		21625.918	12.5	-0.2	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	5.91	21021.625		21021.625	12.1	-3.0	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	5.91	20102.711		20102.711	11.6	-7.3	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	5.91	21675.684		21675.684	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.91	19324.635		19324.635	11.1	-10.8	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	5.91	18974.229		18974.229	10.9	-12.5	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	5.91	18815.463		18815.463	10.9	-13.2	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	5.91	17220.682		17220.682	9.9	-20.6	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 1.49494
RRF SD: 0.048388, Relative SD: 3.23678
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	5.91	24171.600	15315.647	19.728	13.2	5.6	NO		NO	bb
2	2 200623P1-6	Standard	12.500	5.91	21836.125	15019.549	18.173	12.2	-2.7	NO		NO	bb
3	3 200623P1-7	Standard	12.500	5.91	21625.918	14411.872	18.757	12.5	0.4	NO		NO	bb
4	4 200623P1-8	Standard	12.500	5.91	21021.625	14359.284	18.300	12.2	-2.1	NO		NO	bb
5	5 200623P1-9	Standard	12.500	5.91	20102.711	14192.231	17.706	11.8	-5.2	NO		NO	bb
6	6 200623P1-10	Standard	12.500	5.91	21675.684	14679.395	18.458	12.3	-1.2	NO		NO	bb
7	7 200623P1-11	Standard	12.500	5.91	19324.635	12823.914	18.837	12.6	0.8	NO		NO	bb
8	8 200623P1-12	Standard	12.500	5.91	18974.229	12485.652	18.996	12.7	1.7	NO		NO	bb
9	9 200623P1-13	Standard	12.500	5.91	18815.463	12746.413	18.452	12.3	-1.3	NO		NO	bb
10	10 200623P1-14	Standard	12.500	5.91	17220.682	11060.155	19.463	13.0	4.2	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 172.953
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	6.00	24175.336		24175.336	139.8	-6.3	NO		NO	bbX
2	2 200623P1-6	Standard	149.200	6.01	24964.398		24964.398	144.3	-3.3	NO		NO	bbX
3	3 200623P1-7	Standard	149.200	6.01	24416.463		24416.463	141.2	-5.4	NO		NO	bbX
4	4 200623P1-8	Standard	149.200	6.01	25243.525		25243.525	146.0	-2.2	NO		NO	bbX
5	5 200623P1-9	Standard	149.200	6.01	25992.396		25992.396	150.3	0.7	NO		NO	bbX
6	6 200623P1-10	Standard	149.200	6.01	25804.637		25804.637	149.2	0.0	NO		NO	bb
7	7 200623P1-11	Standard	149.200	6.01	23308.059		23308.059	134.8	-9.7	NO		NO	bbX
8	8 200623P1-12	Standard	149.200	6.01	22741.947		22741.947	131.5	-11.9	NO		NO	bbX
9	9 200623P1-13	Standard	149.200	6.01	22906.436		22906.436	132.4	-11.2	NO		NO	bbX
10	10 200623P1-14	Standard	149.200	6.01	20700.678		20700.678	119.7	-19.8	NO		NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.147368
RRF SD: 0.00753985, Relative SD: 5.11634
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	6.00	24175.336	15315.647	19.731	133.9	-10.3	NO		NO	bb
2	2 200623P1-6	Standard	149.200	6.01	24964.398	15019.549	20.777	141.0	-5.5	NO		NO	bb
3	3 200623P1-7	Standard	149.200	6.01	24416.463	14411.872	21.177	143.7	-3.7	NO		NO	bb
4	4 200623P1-8	Standard	149.200	6.01	25243.525	14359.284	21.975	149.1	-0.1	NO		NO	bb
5	5 200623P1-9	Standard	149.200	6.01	25992.396	14192.231	22.893	155.3	4.1	NO		NO	bb
6	6 200623P1-10	Standard	149.200	6.01	25804.637	14679.395	21.974	149.1	-0.1	NO		NO	bb
7	7 200623P1-11	Standard	149.200	6.01	23308.059	12823.914	22.719	154.2	3.3	NO		NO	bb
8	8 200623P1-12	Standard	149.200	6.01	22741.947	12485.652	22.768	154.5	3.6	NO		NO	bb
9	9 200623P1-13	Standard	149.200	6.01	22906.436	12746.413	22.464	152.4	2.2	NO		NO	bb
10	10 200623P1-14	Standard	149.200	6.01	20700.678	11060.155	23.396	158.8	6.4	NO		NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 2038.04
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	6.26	26335.061		26335.061	12.9	3.4	NO		NO	bbX
2	2 200623P1-6	Standard	12.500	6.27	25434.533		25434.533	12.5	-0.2	NO		NO	bbX
3	3 200623P1-7	Standard	12.500	6.27	24672.061		24672.061	12.1	-3.2	NO		NO	bbX
4	4 200623P1-8	Standard	12.500	6.27	24396.895		24396.895	12.0	-4.2	NO		NO	bbX
5	5 200623P1-9	Standard	12.500	6.27	23740.621		23740.621	11.6	-6.8	NO		NO	bbX
6	6 200623P1-10	Standard	12.500	6.27	25475.451		25475.451	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	6.27	21984.303		21984.303	10.8	-13.7	NO		NO	bbX
8	8 200623P1-12	Standard	12.500	6.27	20525.275		20525.275	10.1	-19.4	NO		NO	bbX
9	9 200623P1-13	Standard	12.500	6.27	22319.240		22319.240	11.0	-12.4	NO		NO	bbX
10	10 200623P1-14	Standard	12.500	6.27	20847.611		20847.611	10.2	-18.2	NO		NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.72263
RRF SD: 0.0646321, Relative SD: 3.75194
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	6.26	26335.061	15315.647	21.494	12.5	-0.2	NO		NO	bb
2	2 200623P1-6	Standard	12.500	6.27	25434.533	15019.549	21.168	12.3	-1.7	NO		NO	bb
3	3 200623P1-7	Standard	12.500	6.27	24672.061	14411.872	21.399	12.4	-0.6	NO		NO	bb
4	4 200623P1-8	Standard	12.500	6.27	24396.895	14359.284	21.238	12.3	-1.4	NO		NO	bb
5	5 200623P1-9	Standard	12.500	6.27	23740.621	14192.231	20.910	12.1	-2.9	NO		NO	bb
6	6 200623P1-10	Standard	12.500	6.27	25475.451	14679.395	21.693	12.6	0.7	NO		NO	bb
7	7 200623P1-11	Standard	12.500	6.27	21984.303	12823.914	21.429	12.4	-0.5	NO		NO	bb
8	8 200623P1-12	Standard	12.500	6.27	20525.275	12485.652	20.549	11.9	-4.6	NO		NO	bb
9	9 200623P1-13	Standard	12.500	6.27	22319.240	12746.413	21.888	12.7	1.6	NO		NO	bb
10	10 200623P1-14	Standard	12.500	6.27	20847.611	11060.155	23.562	13.7	9.4	NO		NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 153.76
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	6.23	20288.395		20288.395	131.9	-11.6	NO		NO	bbX
2	2 200623P1-6	Standard	149.200	6.23	21608.781		21608.781	140.5	-5.8	NO		NO	bbX
3	3 200623P1-7	Standard	149.200	6.23	20800.146		20800.146	135.3	-9.3	NO		NO	bbX
4	4 200623P1-8	Standard	149.200	6.23	21518.281		21518.281	139.9	-6.2	NO		NO	bbX
5	5 200623P1-9	Standard	149.200	6.23	22894.119		22894.119	148.9	-0.2	NO		NO	bbX
6	6 200623P1-10	Standard	149.200	6.23	22940.934		22940.934	149.2	0.0	NO		NO	bb
7	7 200623P1-11	Standard	149.200	6.23	20779.922		20779.922	135.1	-9.4	NO		NO	bbX
8	8 200623P1-12	Standard	149.200	6.23	20350.279		20350.279	132.4	-11.3	NO		NO	bbX
9	9 200623P1-13	Standard	149.200	6.23	21510.771		21510.771	139.9	-6.2	NO		NO	bbX
10	10 200623P1-14	Standard	149.200	6.23	21767.025		21767.025	141.6	-5.1	NO		NO	bbX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.129942
RRF SD: 0.0101378, Relative SD: 7.80177
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	6.23	20447.840	15315.647	16.689	128.4	-13.9	NO		NO	MM
2	2 200623P1-6	Standard	149.200	6.23	21828.725	15019.549	18.167	139.8	-6.3	NO		NO	MM
3	3 200623P1-7	Standard	149.200	6.23	20944.801	14411.872	18.166	139.8	-6.3	NO		NO	MM
4	4 200623P1-8	Standard	149.200	6.23	21705.104	14359.284	18.895	145.4	-2.5	NO		NO	MM
5	5 200623P1-9	Standard	149.200	6.23	23073.412	14192.231	20.322	156.4	4.8	NO		NO	MM
6	6 200623P1-10	Standard	149.200	6.23	23139.324	14679.395	19.704	151.6	1.6	NO		NO	MM
7	7 200623P1-11	Standard	149.200	6.23	21029.906	12823.914	20.499	157.8	5.7	NO		NO	MM
8	8 200623P1-12	Standard	149.200	6.23	20651.473	12485.652	20.675	159.1	6.6	NO		NO	MM
9	9 200623P1-13	Standard	149.200	6.23	21790.697	12746.413	21.369	164.5	10.2	NO		NO	MM
10	10 200623P1-14	Standard	149.200			11060.155				NO		NO	MM-

Compound name: d9-N-EtFOSE-EIS
Response Factor: 170.57
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	6.38	21316.828		21316.828	125.0	-16.2	NO		NO	bbX
2	2 200623P1-6	Standard	149.200	6.38	24845.990		24845.990	145.7	-2.4	NO		NO	bbX
3	3 200623P1-7	Standard	149.200	6.38	23034.299		23034.299	135.0	-9.5	NO		NO	bbX
4	4 200623P1-8	Standard	149.200	6.38	24970.566		24970.566	146.4	-1.9	NO		NO	bbX
5	5 200623P1-9	Standard	149.200	6.38	25539.123		25539.123	149.7	0.4	NO		NO	bbX
6	6 200623P1-10	Standard	149.200	6.38	25449.096		25449.096	149.2	0.0	NO		NO	bb
7	7 200623P1-11	Standard	149.200	6.38	23309.686		23309.686	136.7	-8.4	NO		NO	bbX
8	8 200623P1-12	Standard	149.200	6.38	22131.229		22131.229	129.7	-13.0	NO		NO	bbX
9	9 200623P1-13	Standard	149.200	6.38	23036.924		23036.924	135.1	-9.5	NO		NO	bbX
10	10 200623P1-14	Standard	149.200	6.38	22974.248		22974.248	134.7	-9.7	NO		NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.145704
RRF SD: 0.0147131, Relative SD: 10.0979
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	149.200	6.38	21316.828	15315.647	17.398	119.4	-20.0	NO		NO	bb
2	2 200623P1-6	Standard	149.200	6.38	24845.990	15019.549	20.678	141.9	-4.9	NO		NO	bb
3	3 200623P1-7	Standard	149.200	6.38	23034.299	14411.872	19.979	137.1	-8.1	NO		NO	bb
4	4 200623P1-8	Standard	149.200	6.38	24970.566	14359.284	21.737	149.2	-0.0	NO		NO	bb
5	5 200623P1-9	Standard	149.200	6.38	25539.123	14192.231	22.494	154.4	3.5	NO		NO	bb
6	6 200623P1-10	Standard	149.200	6.38	25449.096	14679.395	21.671	148.7	-0.3	NO		NO	bb
7	7 200623P1-11	Standard	149.200	6.38	23309.686	12823.914	22.721	155.9	4.5	NO		NO	bb
8	8 200623P1-12	Standard	149.200	6.38	22131.229	12485.652	22.157	152.1	1.9	NO		NO	bb
9	9 200623P1-13	Standard	149.200	6.38	23036.924	12746.413	22.592	155.1	3.9	NO		NO	bb
10	10 200623P1-14	Standard	149.200	6.38	22974.248	11060.155	25.965	178.2	19.4	NO		NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	1.17	4923.026	4923.026	12.500	12.5	0.0	NO		NO	MM
2	2 200623P1-6	Standard	12.500	1.13	5295.913	5295.913	12.500	12.5	0.0	NO		NO	bb
3	3 200623P1-7	Standard	12.500	1.13	5651.559	5651.559	12.500	12.5	0.0	NO		NO	bb
4	4 200623P1-8	Standard	12.500	1.13	5822.054	5822.054	12.500	12.5	0.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	1.13	6617.528	6617.528	12.500	12.5	0.0	NO		NO	bb
6	6 200623P1-10	Standard	12.500	1.13	5477.899	5477.899	12.500	12.5	0.0	NO		NO	MM
7	7 200623P1-11	Standard	12.500	1.13	5353.469	5353.469	12.500	12.5	0.0	NO		NO	bb
8	8 200623P1-12	Standard	12.500	1.13	5613.781	5613.781	12.500	12.5	0.0	NO		NO	bb
9	9 200623P1-13	Standard	12.500	1.14	5305.658	5305.658	12.500	12.5	0.0	NO		NO	bb
10	10 200623P1-14	Standard	12.500	1.13	5408.972	5408.972	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C2-FOUEA-EIS
Response Factor: 1623.74
RRF SD: 142.274, Relative SD: 8.76212
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.48	22804.609		22804.609	14.0	12.4	NO		NO	bb
2	2 200623P1-6	Standard	12.500	4.49	21636.420		21636.420	13.3	6.6	NO		NO	bb
3	3 200623P1-7	Standard	12.500	4.49	20239.375		20239.375	12.5	-0.3	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.49	21081.307		21081.307	13.0	3.9	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.49	22387.266		22387.266	13.8	10.3	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.49	20709.346		20709.346	12.8	2.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.49	18958.971		18958.971	11.7	-6.6	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.49	18914.242		18914.242	11.6	-6.8	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.50	19125.490		19125.490	11.8	-5.8	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.50	17110.980		17110.980	10.5	-15.7	NO		NO	bb

Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	2.83	15008.518	15008.518	12.500	12.5	0.0	NO		NO	bb
2	2 200623P1-6	Standard	12.500	2.85	16536.766	16536.766	12.500	12.5	0.0	NO		NO	bb
3	3 200623P1-7	Standard	12.500	2.85	16114.474	16114.474	12.500	12.5	0.0	NO		NO	bb
4	4 200623P1-8	Standard	12.500	2.85	16468.762	16468.762	12.500	12.5	0.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	2.85	17985.422	17985.422	12.500	12.5	0.0	NO		NO	bb
6	6 200623P1-10	Standard	12.500	2.85	16822.398	16822.398	12.500	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	2.85	14199.131	14199.131	12.500	12.5	0.0	NO		NO	bd
8	8 200623P1-12	Standard	12.500	2.85	14368.846	14368.846	12.500	12.5	0.0	NO		NO	bb
9	9 200623P1-13	Standard	12.500	2.85	15133.421	15133.421	12.500	12.5	0.0	NO		NO	bb
10	10 200623P1-14	Standard	12.500	2.85	13564.120	13564.120	12.500	12.5	0.0	NO		NO	bb

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Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 1.04673e-016, Relative SD: 1.04673e-014
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	3.60	1128.142	1128.142	12.500	12.5	0.0	NO		NO	bb
2	2	200623P1-6	Standard	12.500	3.62	1287.642	1287.642	12.500	12.5	0.0	NO		NO	bb
3	3	200623P1-7	Standard	12.500	3.62	1180.907	1180.907	12.500	12.5	0.0	NO		NO	bb
4	4	200623P1-8	Standard	12.500	3.62	1250.996	1250.996	12.500	12.5	0.0	NO		NO	bb
5	5	200623P1-9	Standard	12.500	3.62	1226.281	1226.281	12.500	12.5	0.0	NO		NO	bb
6	6	200623P1-10	Standard	12.500	3.62	1291.625	1291.625	12.500	12.5	0.0	NO		NO	bb
7	7	200623P1-11	Standard	12.500	3.62	1145.224	1145.224	12.500	12.5	0.0	NO		NO	bb
8	8	200623P1-12	Standard	12.500	3.62	1125.035	1125.035	12.500	12.5	0.0	NO		NO	bb
9	9	200623P1-13	Standard	12.500	3.62	1096.962	1096.962	12.500	12.5	0.0	NO		NO	bb
10	10	200623P1-14	Standard	12.500	3.62	953.955	953.955	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 1.11022e-016, Relative SD: 1.11022e-014
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	3.96	13674.336	13674.336	12.500	12.5	0.0	NO		NO	bb
2	2	200623P1-6	Standard	12.500	3.98	14541.803	14541.803	12.500	12.5	0.0	NO		NO	bb
3	3	200623P1-7	Standard	12.500	3.98	14809.965	14809.965	12.500	12.5	0.0	NO		NO	bb
4	4	200623P1-8	Standard	12.500	3.98	14283.226	14283.226	12.500	12.5	0.0	NO		NO	bb
5	5	200623P1-9	Standard	12.500	3.98	14973.332	14973.332	12.500	12.5	0.0	NO		NO	bb
6	6	200623P1-10	Standard	12.500	3.98	14386.059	14386.059	12.500	12.5	0.0	NO		NO	bb
7	7	200623P1-11	Standard	12.500	3.98	13016.652	13016.652	12.500	12.5	0.0	NO		NO	bb
8	8	200623P1-12	Standard	12.500	3.98	12626.885	12626.885	12.500	12.5	0.0	NO		NO	bb
9	9	200623P1-13	Standard	12.500	3.98	12041.951	12041.951	12.500	12.5	0.0	NO		NO	bb
10	10	200623P1-14	Standard	12.500	3.98	10328.300	10328.300	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 8.27511e-017, Relative SD: 8.27511e-015
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.42	17112.691	17112.691	12.500	12.5	0.0	NO		NO	bb
2	2 200623P1-6	Standard	12.500	4.43	17882.682	17882.682	12.500	12.5	0.0	NO		NO	bb
3	3 200623P1-7	Standard	12.500	4.43	17078.672	17078.672	12.500	12.5	0.0	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.43	18365.686	18365.686	12.500	12.5	0.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.43	19334.344	19334.344	12.500	12.5	0.0	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.43	18436.900	18436.900	12.500	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.43	16119.399	16119.399	12.500	12.5	0.0	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.43	15459.446	15459.446	12.500	12.5	0.0	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.43	14669.569	14669.569	12.500	12.5	0.0	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.43	14687.749	14687.749	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 9.06493e-017, Relative SD: 9.06493e-015
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200623P1-5	Standard	12.500	4.51	3256.719	3256.719	12.500	12.5	0.0	NO		NO	bb
2	2 200623P1-6	Standard	12.500	4.52	3608.113	3608.113	12.500	12.5	0.0	NO		NO	bb
3	3 200623P1-7	Standard	12.500	4.52	3351.424	3351.424	12.500	12.5	0.0	NO		NO	bb
4	4 200623P1-8	Standard	12.500	4.52	3435.370	3435.370	12.500	12.5	0.0	NO		NO	bb
5	5 200623P1-9	Standard	12.500	4.52	3555.325	3555.325	12.500	12.5	0.0	NO		NO	bb
6	6 200623P1-10	Standard	12.500	4.52	3303.566	3303.566	12.500	12.5	0.0	NO		NO	bb
7	7 200623P1-11	Standard	12.500	4.52	3035.699	3035.699	12.500	12.5	0.0	NO		NO	bb
8	8 200623P1-12	Standard	12.500	4.52	3127.980	3127.980	12.500	12.5	0.0	NO		NO	bb
9	9 200623P1-13	Standard	12.500	4.52	2723.408	2723.408	12.500	12.5	0.0	NO		NO	bb
10	10 200623P1-14	Standard	12.500	4.52	2641.994	2641.994	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 9.06493e-017, Relative SD: 9.06493e-015
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200623P1-5	Standard	12.500	4.81	16616.883	16616.883	12.500	12.5	0.0	NO		NO	bb
2	2	200623P1-6	Standard	12.500	4.82	17843.660	17843.660	12.500	12.5	0.0	NO		NO	bb
3	3	200623P1-7	Standard	12.500	4.82	16133.438	16133.438	12.500	12.5	0.0	NO		NO	bb
4	4	200623P1-8	Standard	12.500	4.81	17348.213	17348.213	12.500	12.5	0.0	NO		NO	bb
5	5	200623P1-9	Standard	12.500	4.82	17053.041	17053.041	12.500	12.5	0.0	NO		NO	bb
6	6	200623P1-10	Standard	12.500	4.82	16297.992	16297.992	12.500	12.5	0.0	NO		NO	bb
7	7	200623P1-11	Standard	12.500	4.82	15411.479	15411.479	12.500	12.5	0.0	NO		NO	bb
8	8	200623P1-12	Standard	12.500	4.82	14326.973	14326.973	12.500	12.5	0.0	NO		NO	bb
9	9	200623P1-13	Standard	12.500	4.82	14939.439	14939.439	12.500	12.5	0.0	NO		NO	bb
10	10	200623P1-14	Standard	12.500	4.82	13068.202	13068.202	12.500	12.5	0.0	NO		NO	bb

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9998	NO	
2	2	PFPrS	51	0.9999	NO	
3	3	3:3 FTCA	49	0.9987	NO	
4	4	PFPeA	49	0.9993	NO	
5	5	PFBS	51	0.9999	NO	
6	6	4:2 FTS	55	0.9998	NO	
7	7	PFHxA	57	0.9999	NO	
8	8	PFPeS	51	0.9988	NO	
9	9	HFPO-DA	53	0.9996	NO	
10	10	5:3 FTCA	59	0.9994	NO	
11	11	PFHpA	59	0.9999	NO	
12	12	ADONA	59	0.9998	NO	
13	13	L-PFHxS	61	0.9985	NO	
14	15	6:2 FTS	63	0.9962	NO	
15	16	L-PFOA	69	0.9999	NO	
16	18	PFecHS	69	0.9998	NO	
17	19	PFHpS	71	0.9984	NO	
18	20	7:3 FTCA	65	0.9982	NO	
19	21	PFNA	65	0.9992	NO	
20	22	PFOSA	67	0.9999	NO	
21	23	L-PFOS	71	0.9993	NO	
22	25	9Cl-PF30NS	71	0.9999	NO	
23	26	PFDA	73	0.9998	NO	
24	27	8:2 FTS	75	0.9993	NO	
25	28	PFNS	71	0.9993	NO	
26	29	L-MeFOSAA	77	0.9984	NO	

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	81	0.9949	NO	
2	33	PFUdA	79	0.9998	NO	
3	34	PFDS	71	0.9993	NO	
4	35	11Cl-PF30UdS	83	0.9997	NO	
5	36	10:2 FTS	85	0.9955	NO	
6	37	PFDoA	83	0.9995	NO	
7	38	N-MeFOSA	87	0.9997	NO	
8	39	PFTrDA	83	0.9994	NO	
9	40	PFDoS	89	0.9996	NO	
10	41	PFTeDA	89	0.9994	NO	
11	42	N-EtFOSA	91	0.9999	NO	
12	43	PFHxDA	93	0.9997	NO	
13	44	PFODA	93	0.9998	NO	
14	45	N-MeFOSE	95	0.9996	NO	
15	46	N-EtFOSE	97	0.9998	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	99		NO	3.657
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	101		NO	7.378
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	102		NO	7.543
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	101		NO	5.866
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	102		NO	7.077
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	101		NO	4.991
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	101		NO	4.891
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	102		NO	4.846
32	63	13C2-6:2 FTS-EIS			NO	0.000

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Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
33	64	13C2-6:2 FTS-RSD	105		NO	7.422
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	104		NO	2.937
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	107		NO	4.545
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	103		NO	3.208
40	71	13C8-PFOS-EIS			NO	0.000
41	72	13C8-PFOS-RSD	105		NO	5.620
42	73	13C2-PFDA-EIS			NO	0.000
43	74	13C2-PFDA-RSD	106		NO	4.213
44	75	13C2-8:2 FTS-EIS			NO	0.000
45	76	13C2-8:2 FTS-RSD	105		NO	10.813
46	77	d3-N-MeFOSAA-EIS			NO	0.000
47	78	d3-N-MeFOSAA-RSD	107		NO	6.163
48	79	13C2-PFUdA-EIS			NO	0.000
49	80	13C2-PFUdA-RSD	107		NO	2.699
50	81	d5-N-EtFOSAA-EIS			NO	0.000
51	82	d5-N-EtFOSAA-RSD	107		NO	5.619
52	83	13C2-PFDoA-EIS			NO	0.000
53	84	13C2-PFDoA-RSD	106		NO	7.116
54	85	13C2-10:2 FTS-EIS			NO	0.000
55	86	13C2-10:2 FTS-RSD	105		NO	16.953
56	87	d3-N-MeFOSA-EIS			NO	0.000
57	88	d3-N-MeFOSA-RSD	107		NO	9.808
58	89	13C2-PFTeDA-EIS			NO	0.000
59	90	13C2-PFTeDA-RSD	107		NO	3.237
60	91	d5-N-ETFOSA-EIS			NO	0.000
61	92	d5-N-ETFOSA-RSD	107		NO	5.116
62	93	13C2-PFHxDA-EIS			NO	0.000
63	94	13C2-PFHxDA-RSD	107		NO	3.752
64	95	d7-N-MeFOSE-EIS			NO	0.000
65	96	d7-N-MeFOSE-RSD	107		NO	7.802
66	97	d9-N-EtFOSE-EIS			NO	0.000
67	98	d9-N-EtFOSE-RSD	107		NO	10.098
68	99	13C4-PFBA	99		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:15:17 Pacific Daylight Time

Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
69	1...	13C2-FOUEA-EIS			NO	8.762
70	1...	13C5-PFHxA	101		NO	0.000
71	1...	18O2-PFHxS	102		NO	0.000
72	1...	13C8-PFOA	103		NO	0.000
73	1...	13C9-PFNA	104		NO	0.000
74	1...	13C4-PFOS	105		NO	0.000
75	1...	13C6-PFDA	106		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 16:58:25 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 17:00:35 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 23 Jun 2020 16:58:22
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 23 Jun 2020 16:51:44

Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.13	1.13			
2	2	PFPrS	1.47	1.46	2.766	2.766	NO
3	3	3:3 FTCA	1.93	1.91	3.936	3.936	NO
4	4	PFPeA	2.05	2.06			
5	5	PFBS	2.34	2.34	2.503	2.503	NO
6	6	4:2 FTS	2.77	2.77	11.927	11.927	NO
7	7	PFHxA	2.85	2.86	15.233	15.233	NO
8	8	PFPeS	3.09	3.06	2.357	2.357	NO
9	9	HFPO-DA	3.08	3.08	2.401	2.401	NO
10	10	5:3 FTCA	3.42	3.42	1.658	1.658	NO
11	11	PFHpA	3.47	3.47	50.163	50.163	NO
12	12	ADONA	3.56	3.58	3.994	3.994	NO
13	13	L-PFHxS	3.62	3.62	4.072	4.072	NO
14	15	6:2 FTS	3.92	3.92	0.775	0.775	NO
15	16	L-PFOA	3.98	3.98	3.216	3.216	NO
16	18	PFecHS	3.99	3.99	0.584	0.584	NO
17	19	PFHpS	4.11	4.10	1.908	1.908	NO
18	20	7:3 FTCA	4.42	4.41	1.370	1.370	NO
19	21	PFNA	4.43	4.43	14.265	14.265	NO
20	22	PFOSA	4.48	4.48	21.906	21.906	NO
21	23	L-PFOS	4.52	4.52	2.239	2.239	NO
22	25	9Cl-PF30NS	4.72	4.75	31.238	31.238	NO
23	26	PFDA	4.82	4.82	5.066	5.066	NO
24	27	8:2 FTS	4.79	4.78	0.830	0.830	NO
25	28	PFNS	4.85	4.89	2.442	2.442	NO
26	29	L-MeFOSAA	4.97	4.97	1.881	1.881	NO

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 16:58:25 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 16:59:02 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 23 Jun 2020 16:58:22
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 23 Jun 2020 16:51:44

Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.13	5.13	1.507	1.507	NO
2	33	PFUdA	5.15	5.15	17.631	17.631	NO
3	34	PFDS	5.21	5.20	2.346	2.346	NO
4	35	11Cl-PF30UdS	5.37	5.37	15.865	15.865	NO
5	36	10:2 FTS	5.42	5.43	1.125	1.125	NO
6	37	PFDoA	5.44	5.44	13.046	13.046	NO
7	38	N-MeFOSA	5.53	5.51	1.808	1.808	NO
8	39	PFTrDA	5.68	5.69	114.668	114.668	NO
9	40	PFDoS	5.73	5.72	2.204	2.204	NO
10	41	PFTeDA	5.91	5.91	12.659	12.659	NO
11	42	N-EtFOSA	5.99	5.99	1.846	1.846	NO
12	43	PFHxDA	6.27	6.27	33.219	33.219	NO
13	44	PFODA	6.48	6.52			
14	45	N-MeFOSE	6.23	6.24			
15	46	N-EtFOSE	6.38	6.39			

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, June 23, 2020 16:59:45 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 16:59:57 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 23 Jun 2020 16:54:25
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 23 Jun 2020 16:51:44

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200623P1-1	IPA	23-Jun-20	10:00:05
2	2	200623P1-2	TEST	23-Jun-20	10:10:36
3	3	200623P1-3	IPA	23-Jun-20	10:21:07
4	4	200623P1-4	IPA	23-Jun-20	10:31:37
5	5	200623P1-5	ST200623P1-1 PFC CS-2 20F1901	23-Jun-20	10:52:50
6	6	200623P1-6	ST200623P1-2 PFC CS-1 20F1902	23-Jun-20	11:03:24
7	7	200623P1-7	ST200623P1-3 PFC CS0 20F1903	23-Jun-20	11:13:55
8	8	200623P1-8	ST200623P1-4 PFC CS1 20F1904	23-Jun-20	11:24:25
9	9	200623P1-9	ST200623P1-5 PFC CS2 20F1905	23-Jun-20	11:34:54
10	10	200623P1-10	ST200623P1-6 PFC CS3 20F1906	23-Jun-20	11:45:26
11	11	200623P1-11	ST200623P1-7 PFC CS4 20F1907	23-Jun-20	11:55:56
12	12	200623P1-12	ST200623P1-8 PFC CS5 20F1908	23-Jun-20	12:06:25
13	13	200623P1-13	ST200623P1-9 PFC CS6 20F1909	23-Jun-20	12:16:57
14	14	200623P1-14	ST200623P1-10 PFC CS7 20F1910	23-Jun-20	12:27:27
15	15	200623P1-15	IB	23-Jun-20	12:37:56
16	16	200623P1-16	ICV200623P1-1 PFC ICV 20F1911	23-Jun-20	12:48:27
17	17	200623P1-17	IB	23-Jun-20	12:58:58

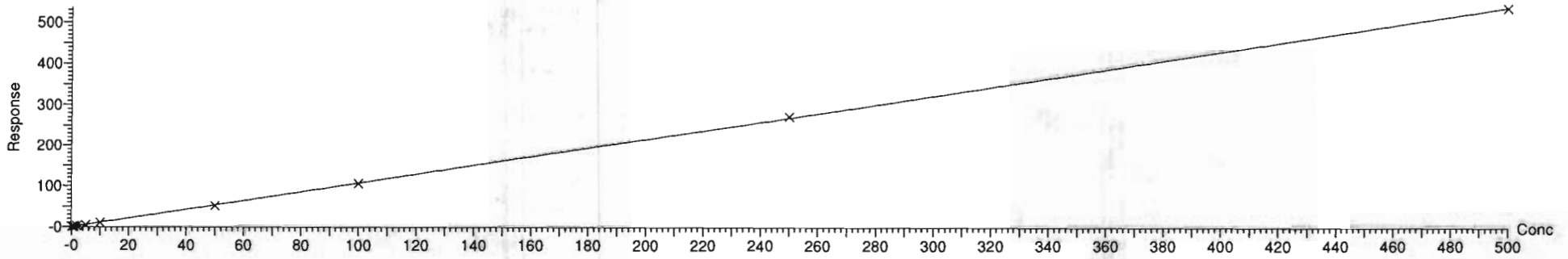
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

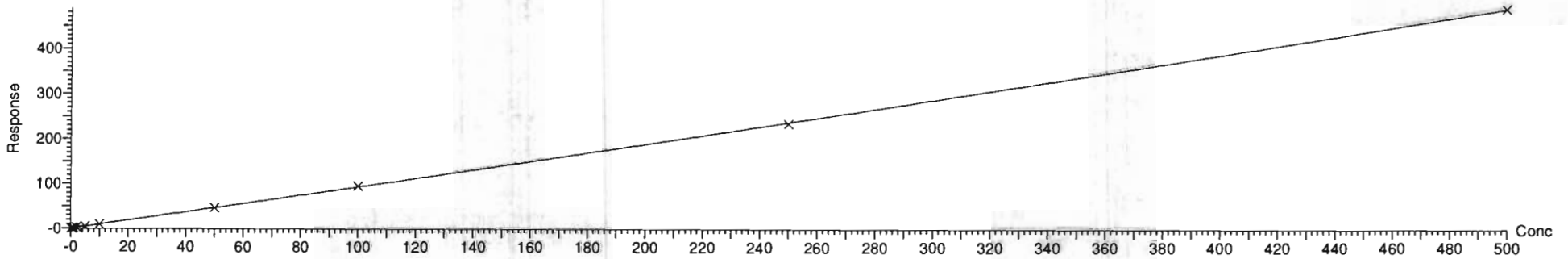
Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Compound name: PFBA
Correlation coefficient: r = 0.999900, r^2 = 0.999800
Calibration curve: 1.07387 * x + -0.039819
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



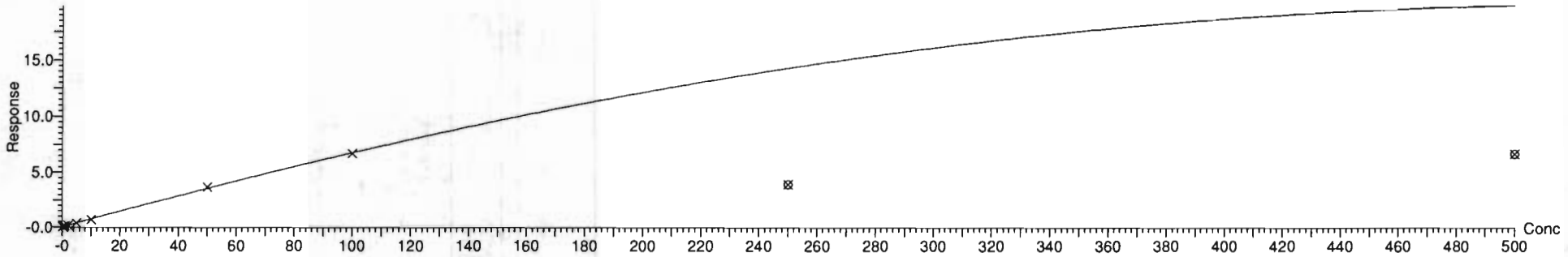
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999896
Calibration curve: 0.000112132 * x^2 + 0.920452 * x + -0.0195051
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



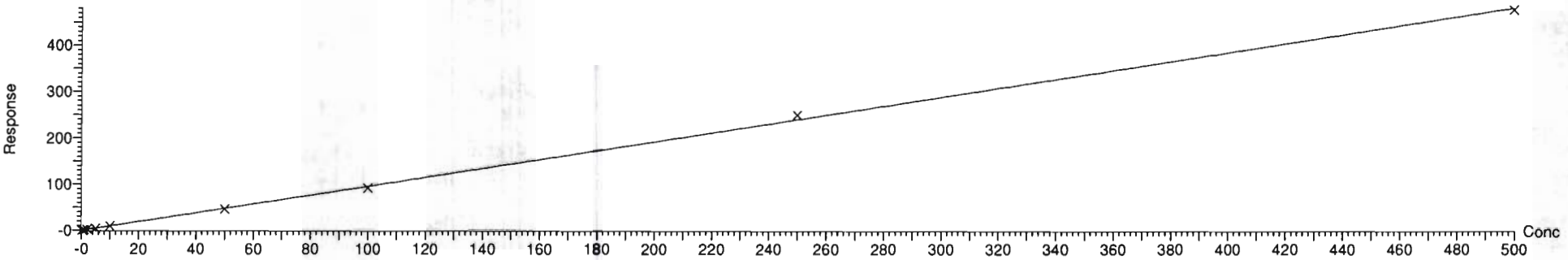
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998725
Calibration curve: -6.99165e-005 * x^2 + 0.0746736 * x + -0.00211795
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



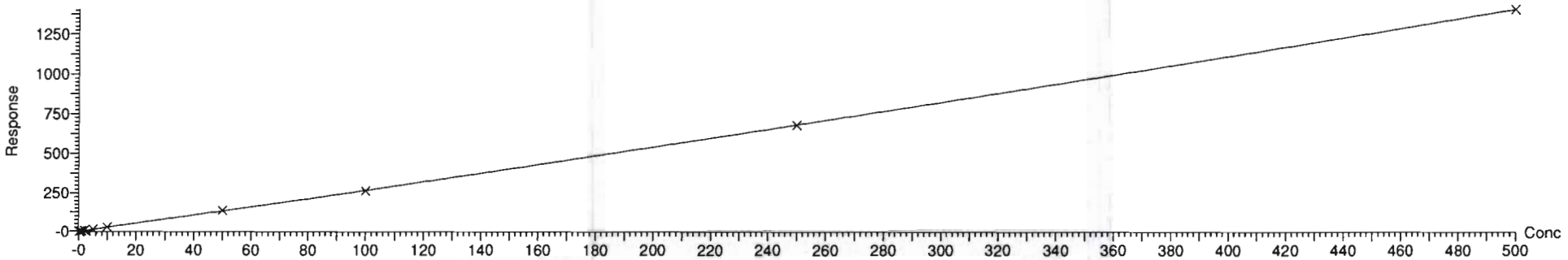
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999252
Calibration curve: 2.56733e-006 * x^2 + 0.960821 * x + -0.0142851
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



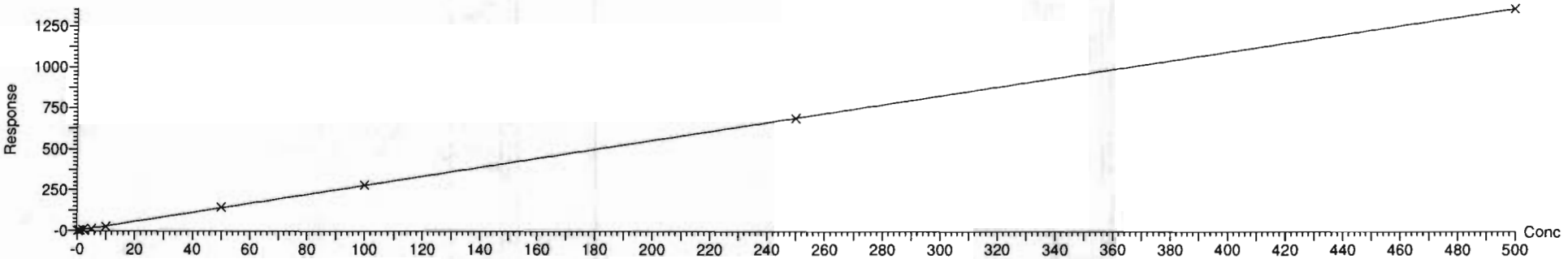
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999939
Calibration curve: 0.000346445 * x^2 + 2.64063 * x + -0.0122034
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



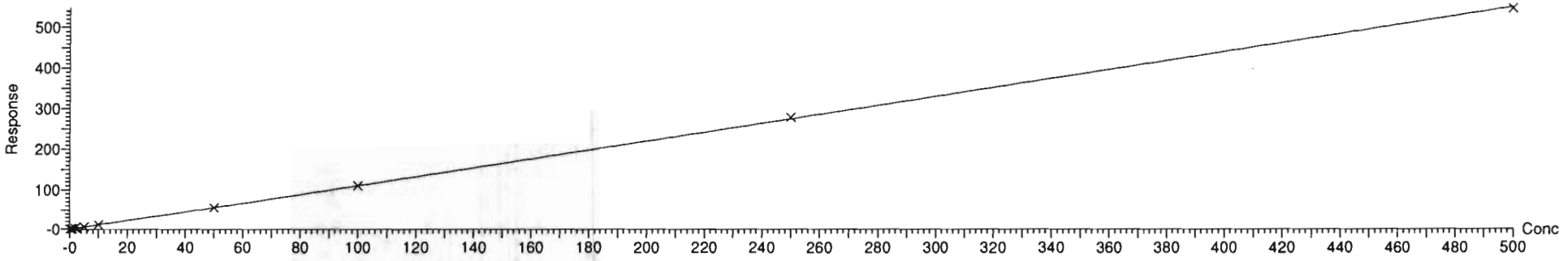
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999784
Calibration curve: -0.000174873 * x^2 + 2.80671 * x + -0.171945
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



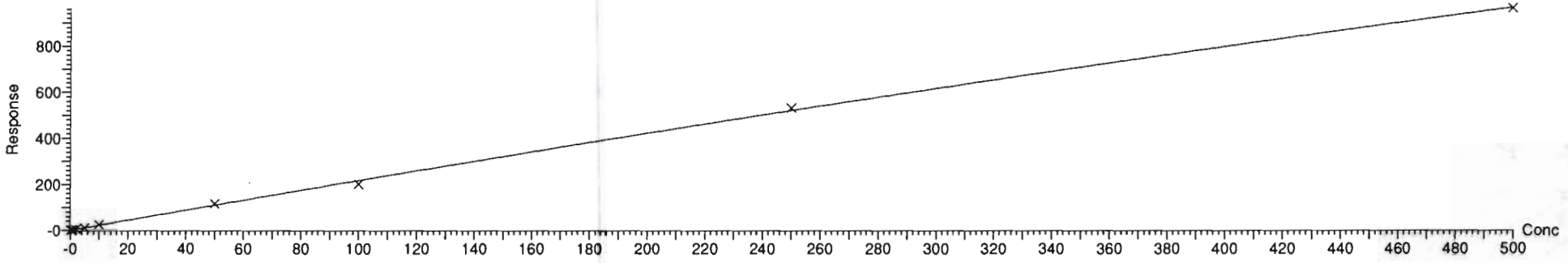
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: PFHxA
Correlation coefficient: r = 0.999950, r^2 = 0.999899
Calibration curve: 1.09863 * x + 0.031815
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



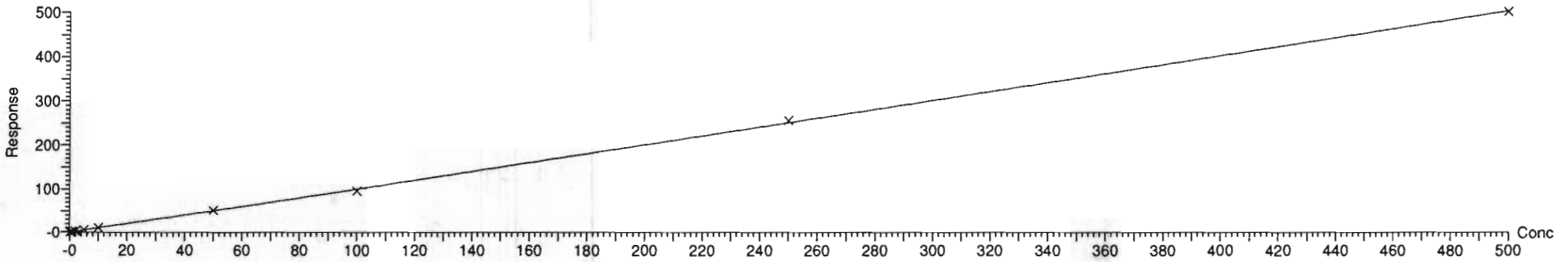
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.998765
Calibration curve: -0.00060295 * x^2 + 2.23387 * x + -0.0142044
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



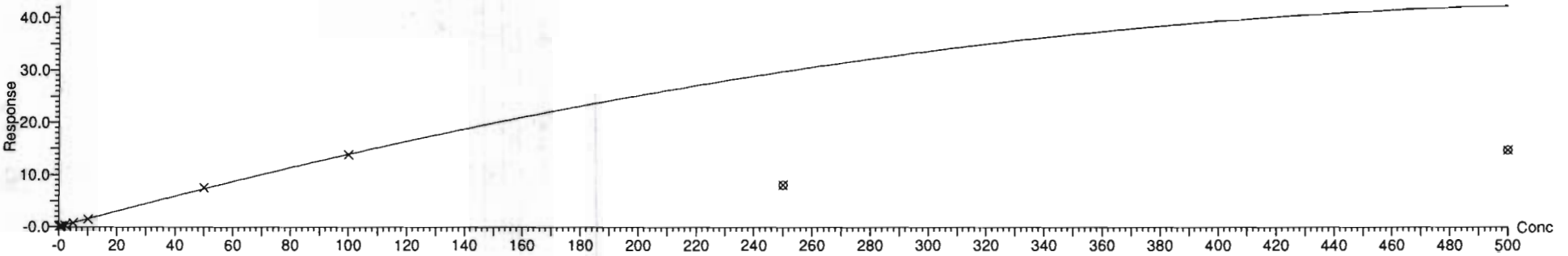
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999599
Calibration curve: 1.73849e-005 * x^2 + 0.998336 * x + -0.0444799
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



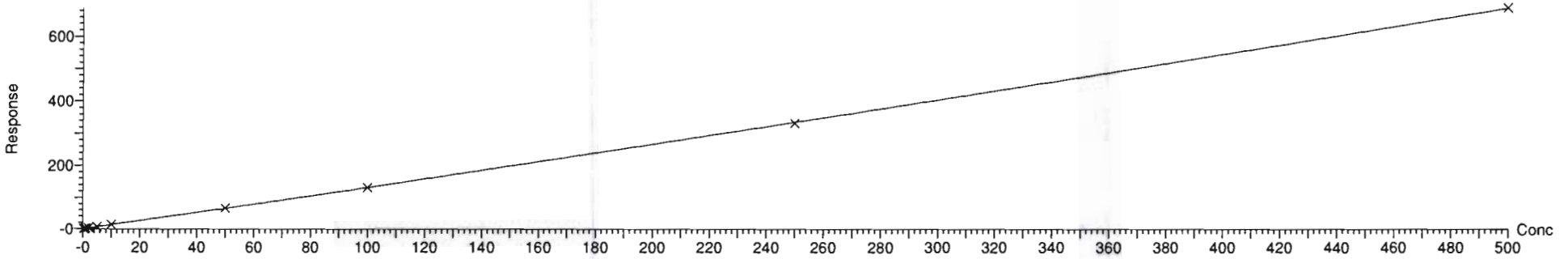
Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999415
Calibration curve: -0.000136411 * x^2 + 0.152811 * x + -0.00349942
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



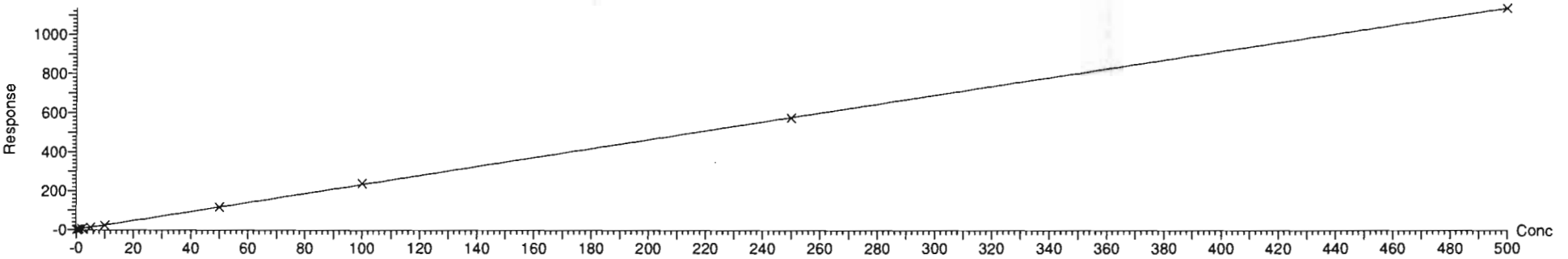
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999921
Calibration curve: 0.00014936 * x^2 + 1.29964 * x + -0.00971641
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



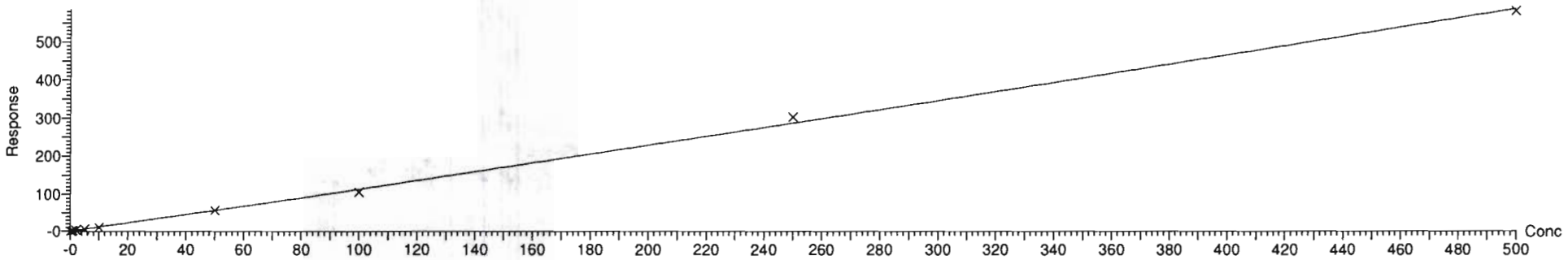
Compound name: ADONA
Coefficient of Determination: R^2 = 0.999808
Calibration curve: -0.00015235 * x^2 + 2.34952 * x + -0.0992351
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



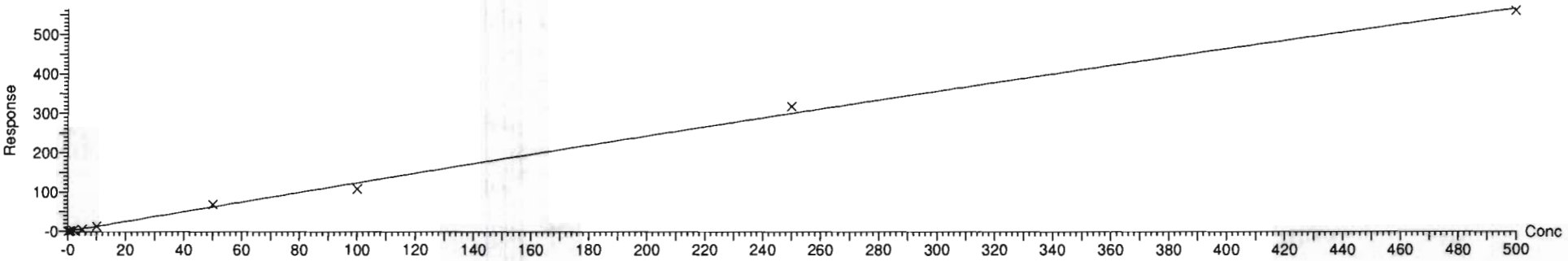
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998477
Calibration curve: 9.85533e-005 * x^2 + 1.12271 * x + -0.0310439
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



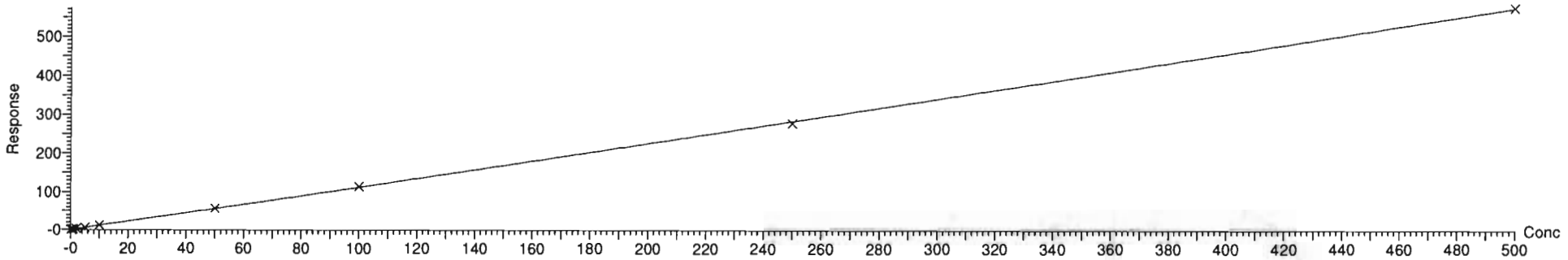
Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.996175
Calibration curve: -0.000276356 * x^2 + 1.26926 * x + -0.103291
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



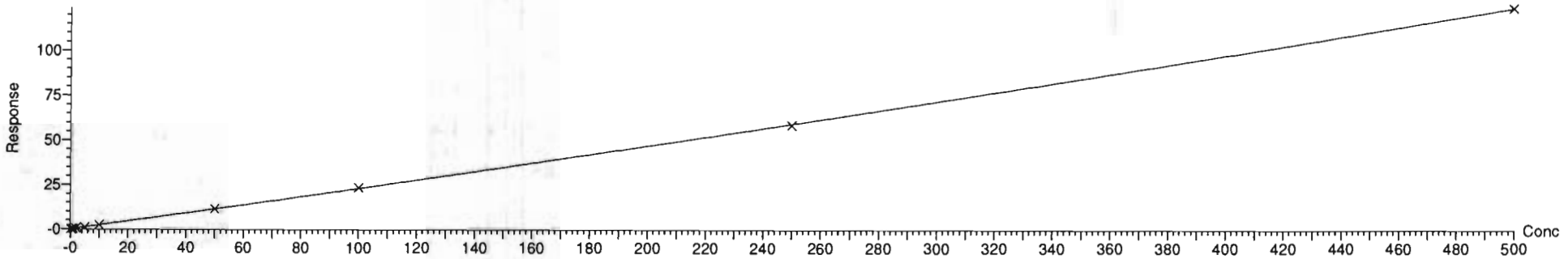
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999867
Calibration curve: 5.43889e-005 * x^2 + 1.11784 * x + 0.0485086
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



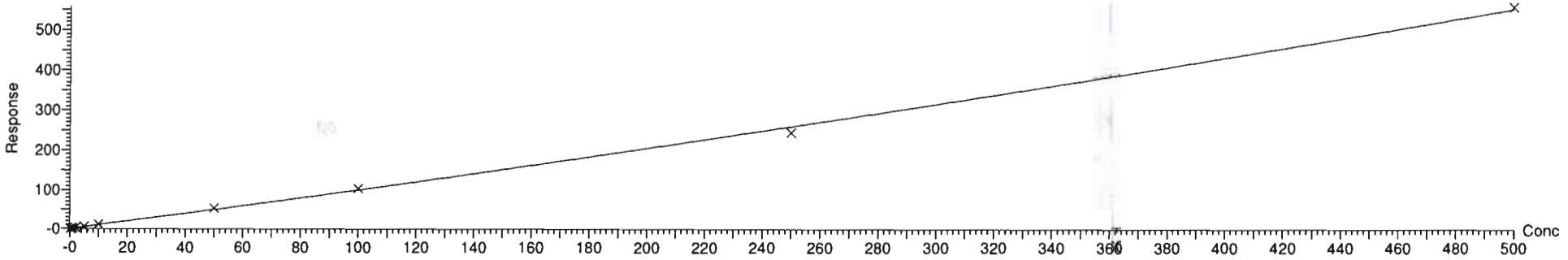
Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999817
Calibration curve: 4.46796e-005 * x^2 + 0.225439 * x + -0.0118344
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



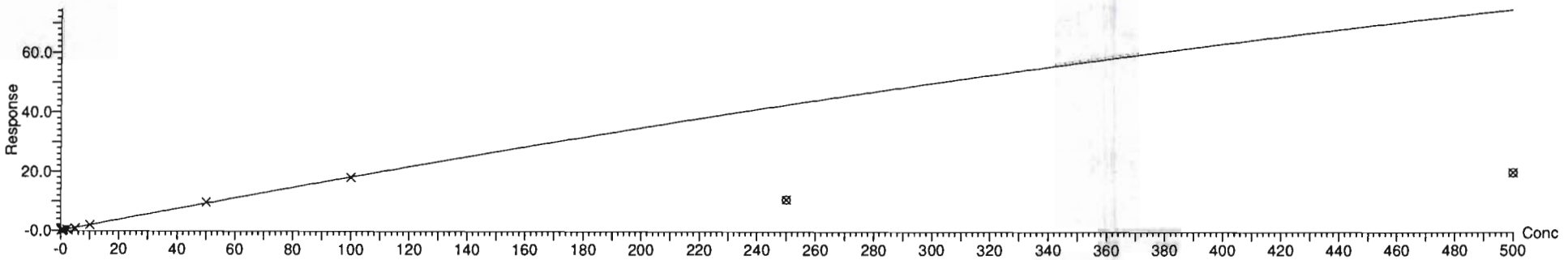
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998442
Calibration curve: 0.000266301 * x^2 + 0.970424 * x + 0.0135035
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



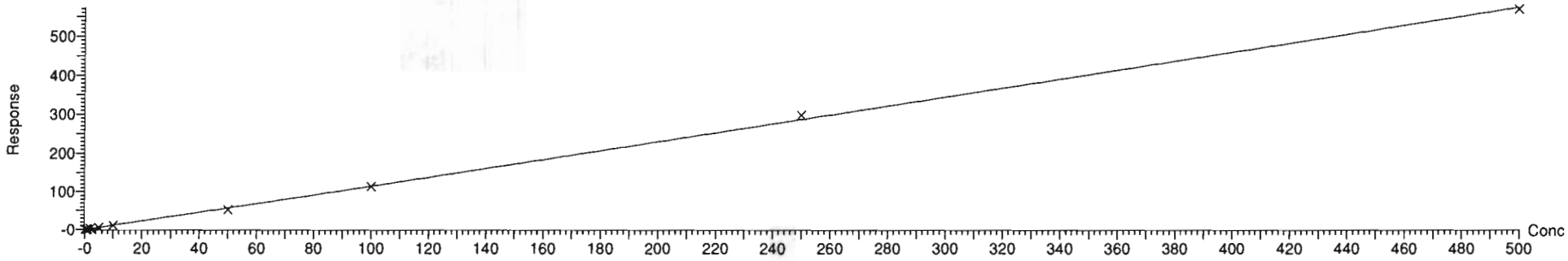
Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998237
Calibration curve: -8.33396e-005 * x^2 + 0.191388 * x + -0.0132147
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



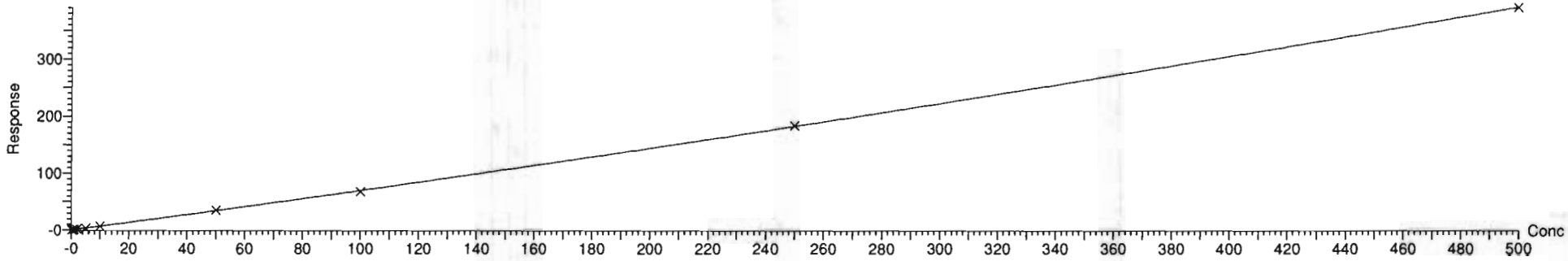
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: PFNA
Coefficient of Determination: R^2 = 0.999189
Calibration curve: -1.25539e-008 * x^2 + 1.14818 * x + -0.0245733
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



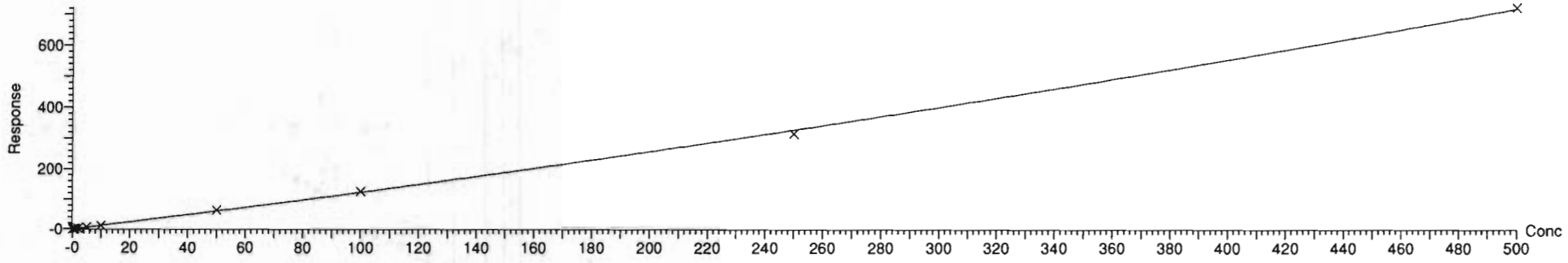
Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999850
Calibration curve: 0.000201466 * x^2 + 0.681439 * x + 0.0112952
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



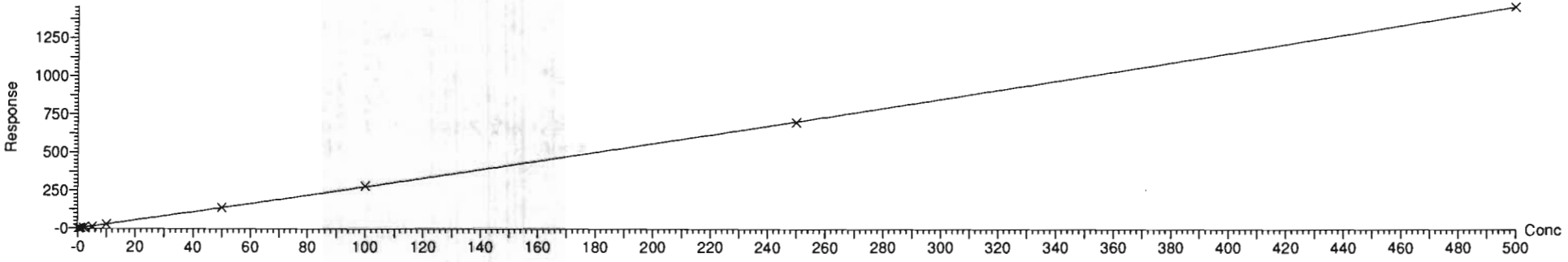
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999335
Calibration curve: 0.000515269 * x^2 + 1.17935 * x + 0.0179991
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



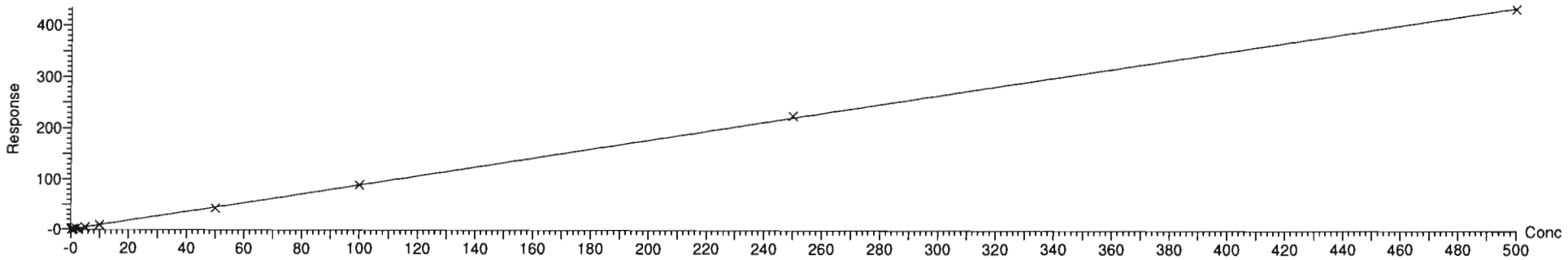
Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999895
Calibration curve: 0.00040425 * x^2 + 2.71163 * x + -0.0675787
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



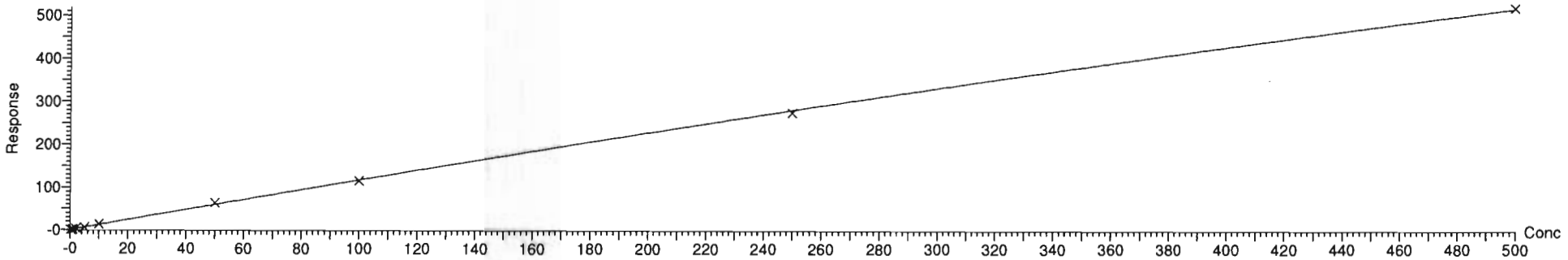
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: R^2 = 0.999785
Calibration curve: -5.81108e-005 * x^2 + 0.899289 * x + 0.00515029
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



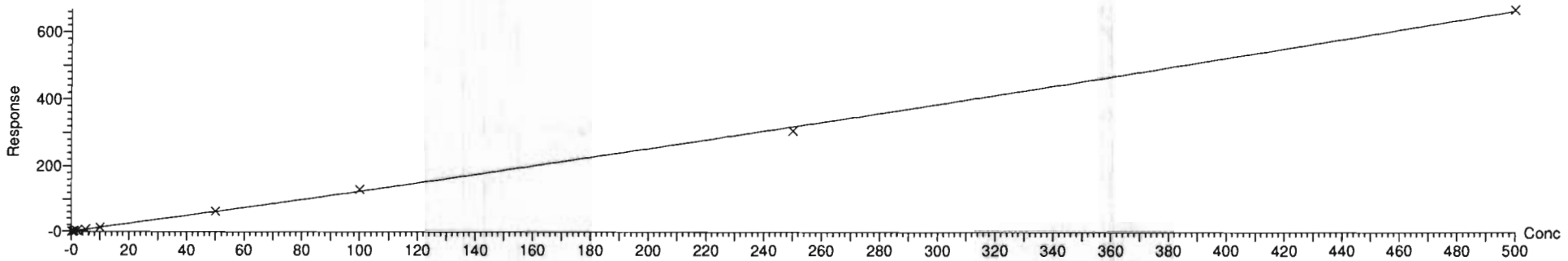
Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999313
Calibration curve: -0.000360174 * x^2 + 1.21317 * x + -0.117939
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



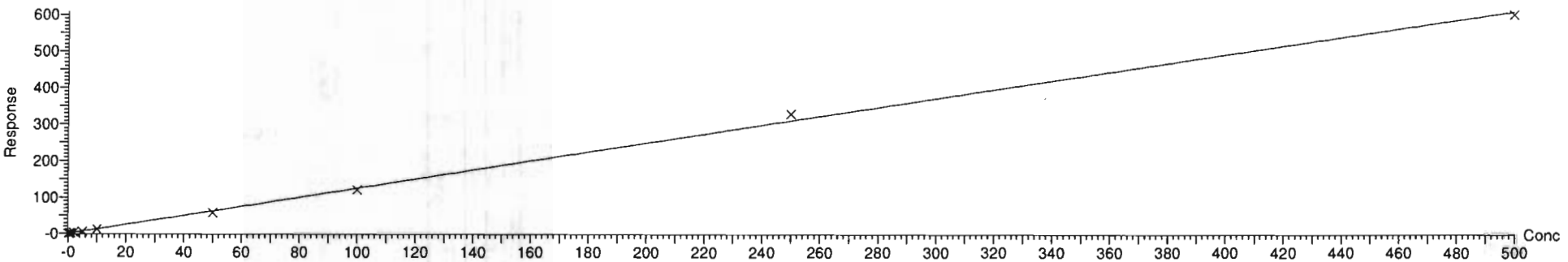
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:10 Pacific Daylight Time

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999276
Calibration curve: 0.000214635 * x^2 + 1.22051 * x + 0.0256285
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.998378
Calibration curve: -9.89352e-005 * x^2 + 1.26776 * x + -0.12521
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



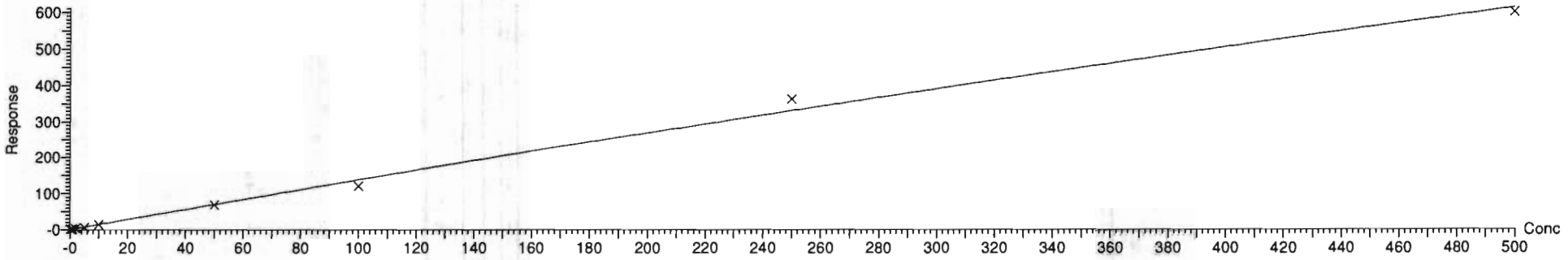
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

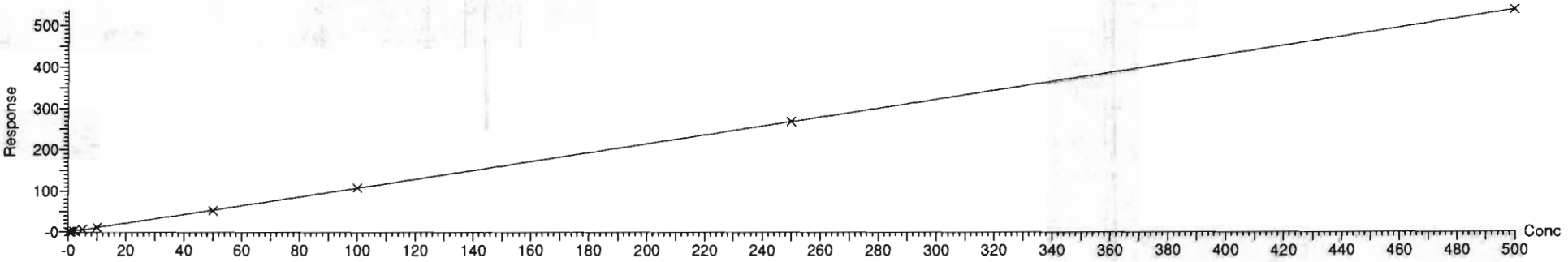
Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 24 Jun 2020 09:59:33
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.994866
Calibration curve: -0.000387505 * x^2 + 1.41789 * x + -0.148519
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999838
Calibration curve: 1.38869e-005 * x^2 + 1.06722 * x + 0.0656092
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

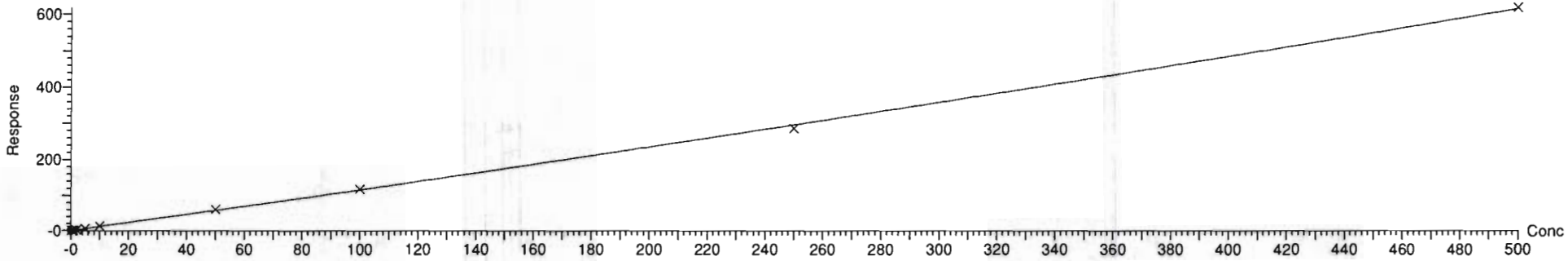


Vista Analytical Laboratory Q1

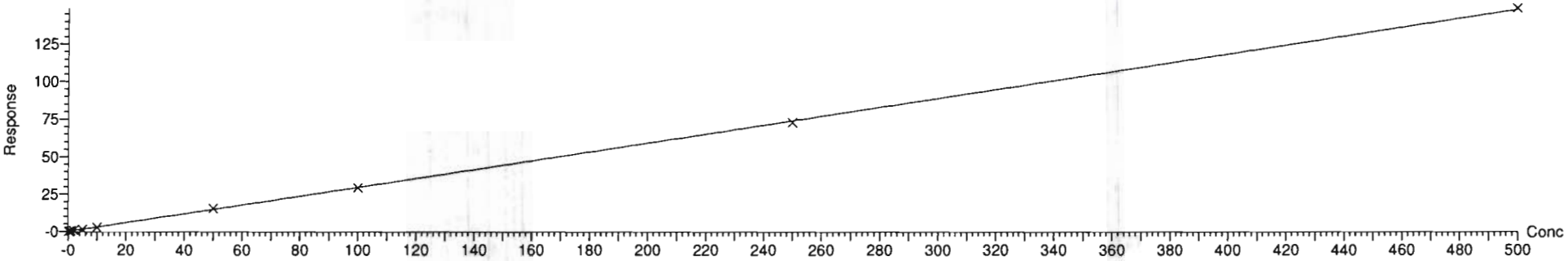
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999345
Calibration curve: 0.000185875 * x^2 + 1.13524 * x + -0.109996
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999853, r^2 = 0.999706
Calibration curve: 0.295785 * x + -0.00469666
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

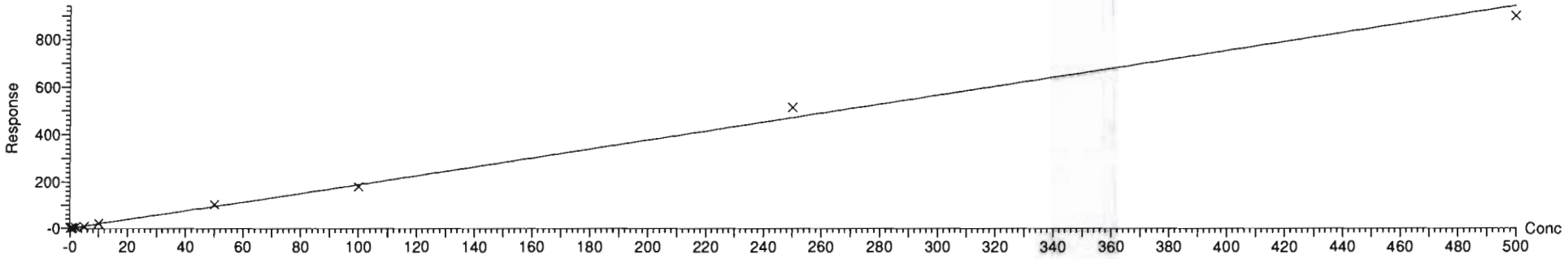


Vista Analytical Laboratory Q1

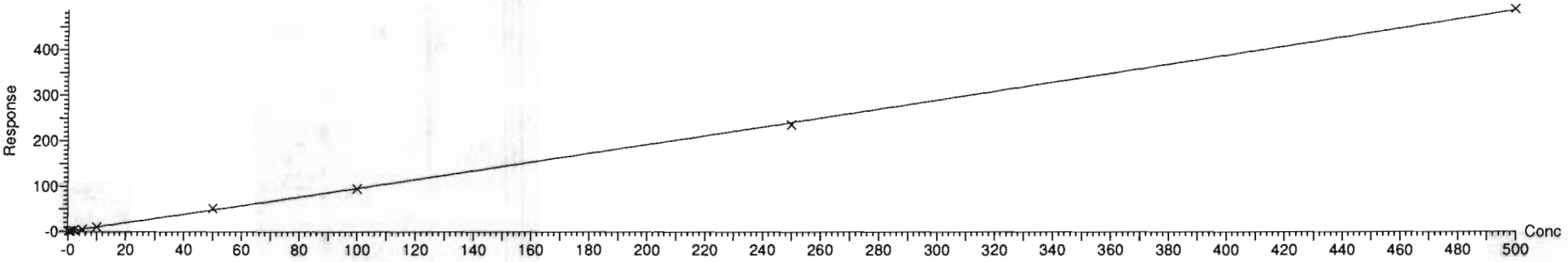
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Compound name: 10:2 FTS
Correlation coefficient: r = 0.997757, r^2 = 0.995519
Calibration curve: 1.88154 * x + -0.0131449
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999518
Calibration curve: 5.2351e-005 * x^2 + 0.946815 * x + 0.0251128
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999723
Calibration curve: -8.733e-005 * x^2 + 1.0848 * x + 0.0179887
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
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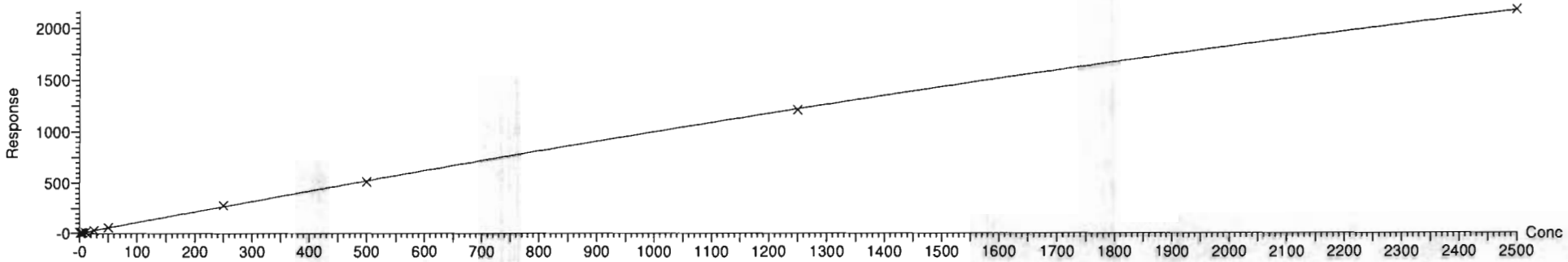
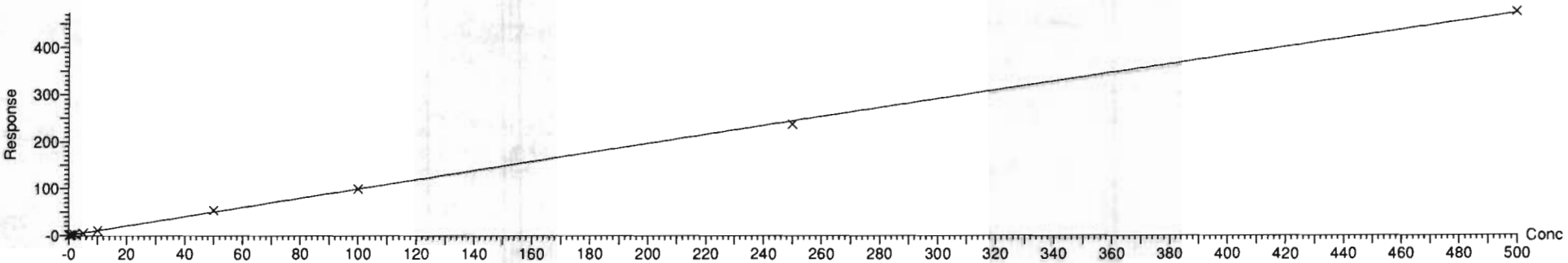


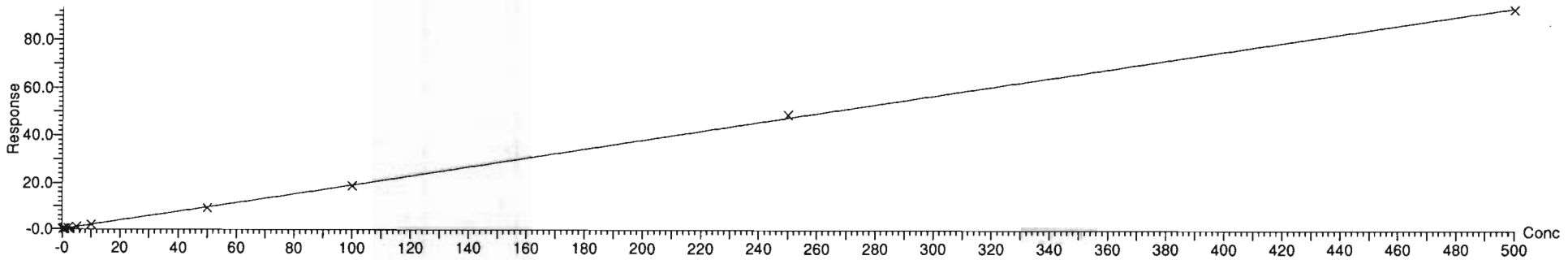
Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999382
Calibration curve: -0.000118348 * x^2 + 1.00274 * x + 0.0720307
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



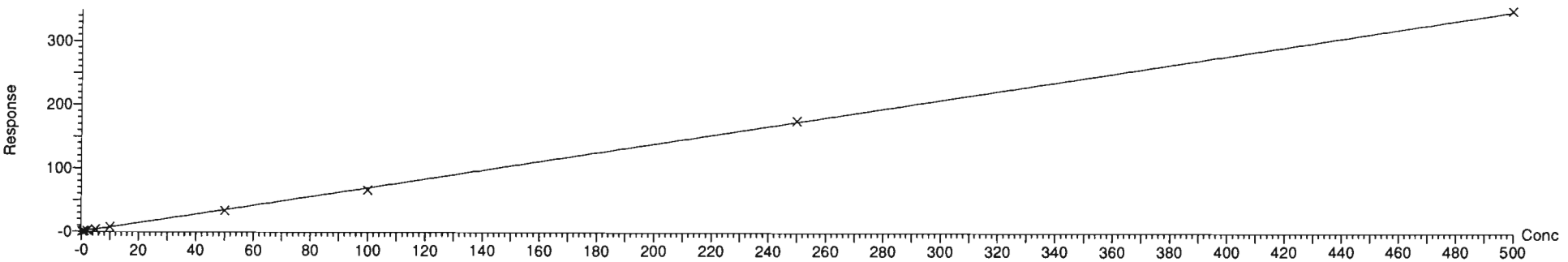
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999574
Calibration curve: -1.12987e-005 * x^2 + 0.193084 * x + -0.00842206
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



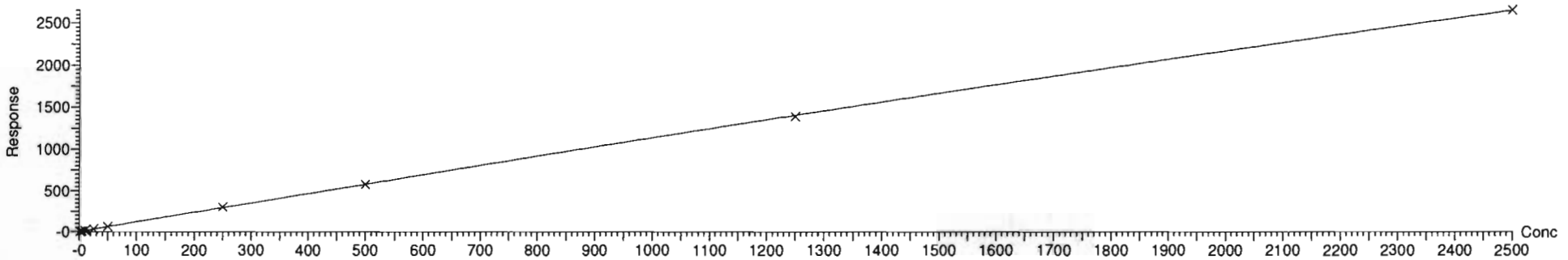
Compound name: PFTeDA
Correlation coefficient: r = 0.999724, r^2 = 0.999449
Calibration curve: 0.695078 * x + 0.00973798
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



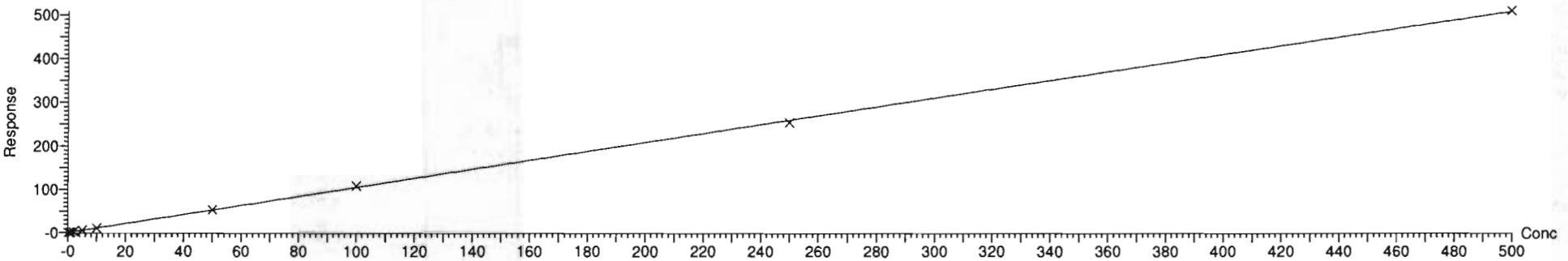
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999911
Calibration curve: -4.98834e-005 * x^2 + 1.18309 * x + 0.403316
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



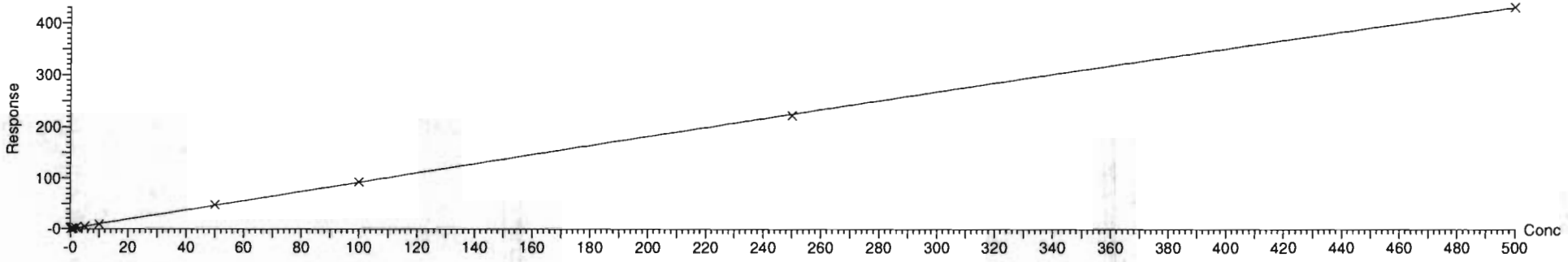
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999691
Calibration curve: -8.56492e-005 * x^2 + 1.05743 * x + 0.140597
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



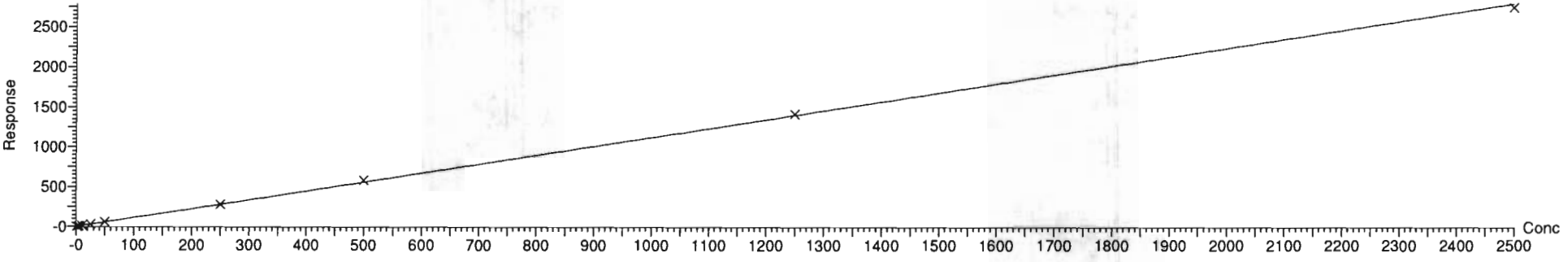
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999822
Calibration curve: -0.000160059 * x^2 + 0.940781 * x + -0.0294482
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



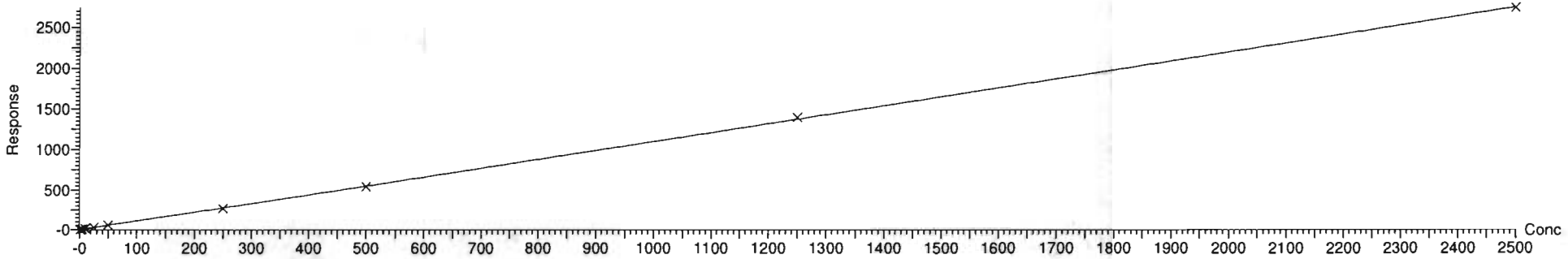
Compound name: N-MeFOSE
Correlation coefficient: r = 0.999778, r^2 = 0.999556
Calibration curve: 1.11698 * x + 0.256642
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Wednesday, June 24, 2020 09:59:35 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:22:23 Pacific Daylight Time

Compound name: N-EtFOSE
Correlation coefficient: r = 0.999924, r^2 = 0.999847
Calibration curve: 1.09752 * x + -0.0689493
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



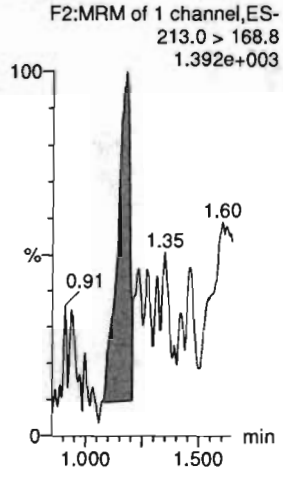
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 16:18:40 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 16:24:14 Pacific Daylight Time

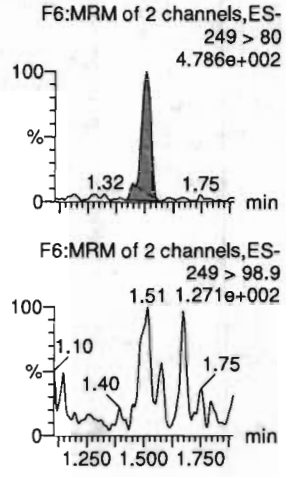
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320.mdb 23 Jun 2020 14:05:21
Calibration: 23 Jun 2020 16:18:40

Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

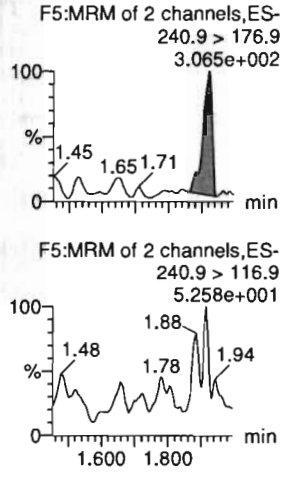
PFBA



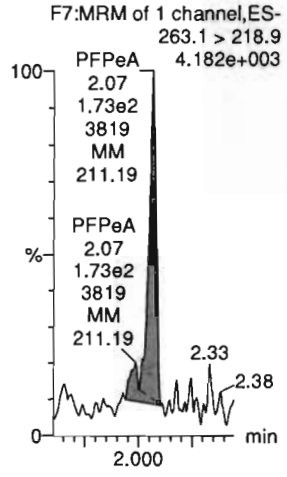
PFPrS



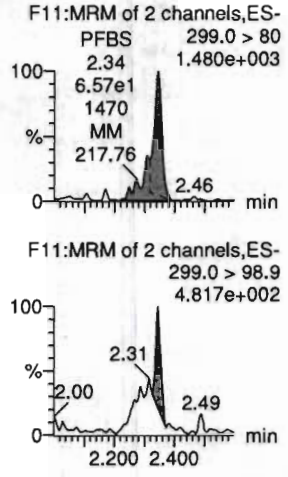
3:3 FTCA



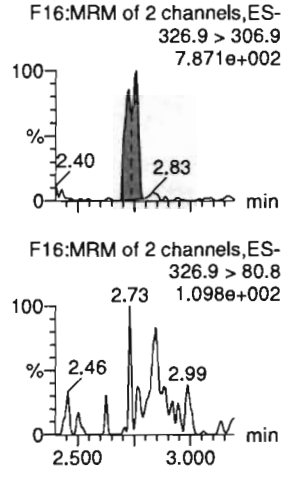
PFPeA



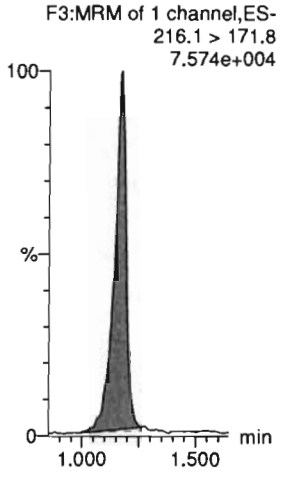
PFBS



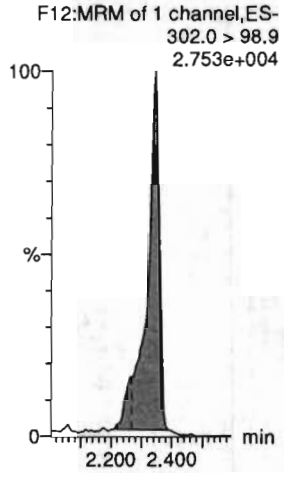
4:2 FTS



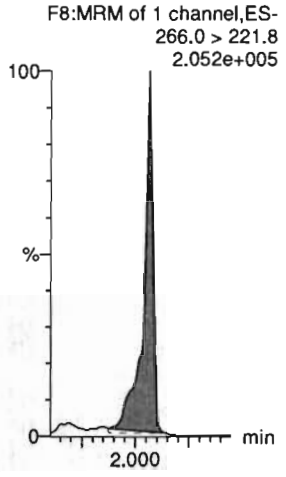
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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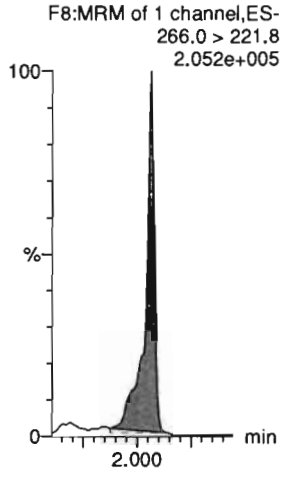
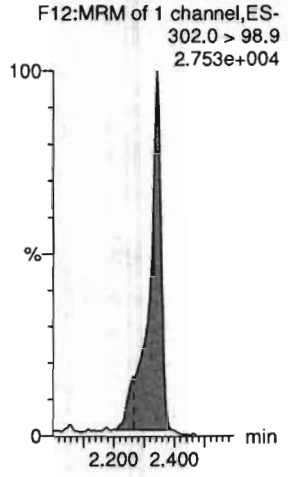
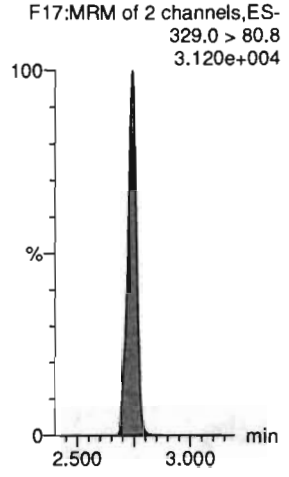


13C3-PFBS-EIS



13C2-4:2 FTS-EIS

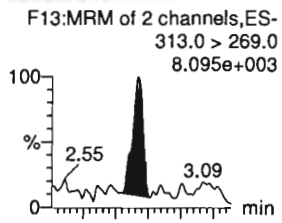


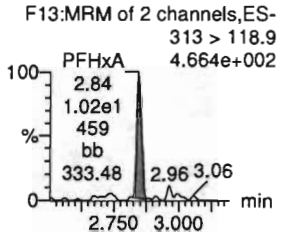
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 16:18:40 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 16:24:14 Pacific Daylight Time

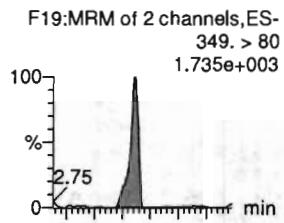
Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

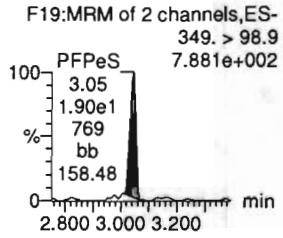
PFHxA



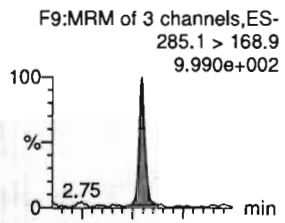


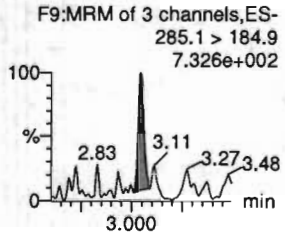
PFPeS



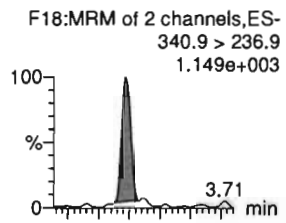


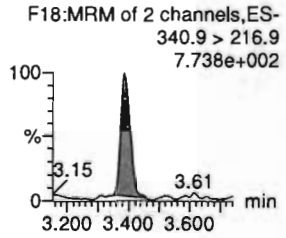
HFPO-DA





5:3 FTCA





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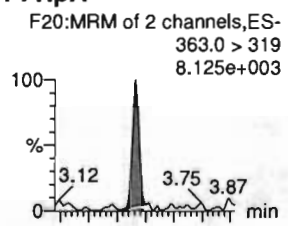

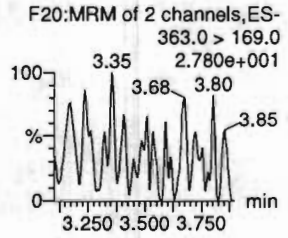

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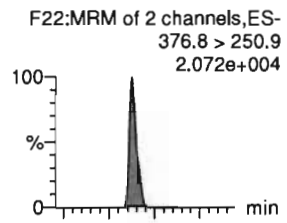
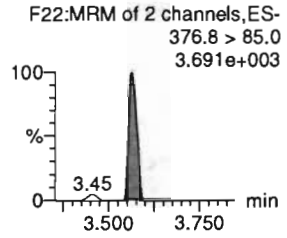
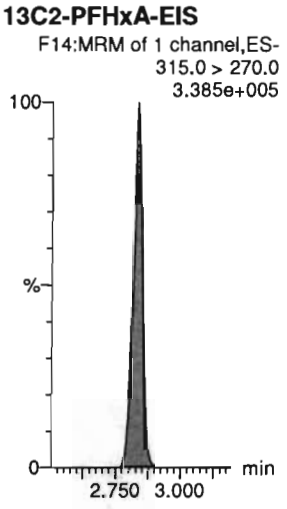
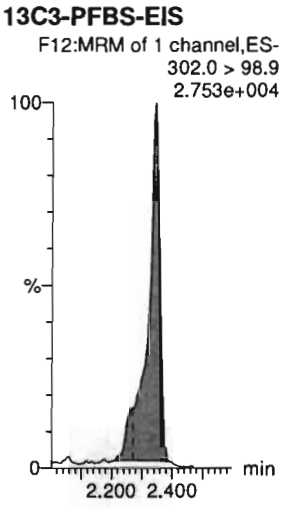




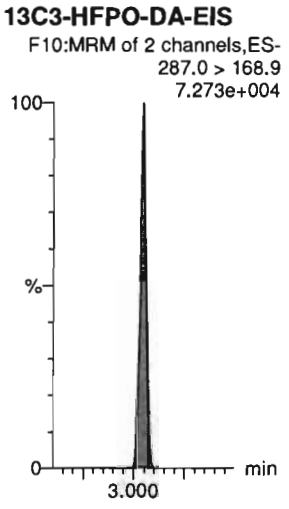
13C2-PFHxA-EIS



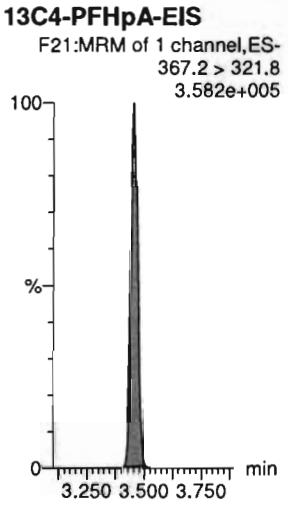
13C3-PFBS-EIS



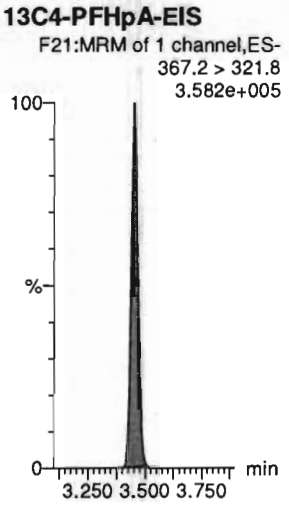
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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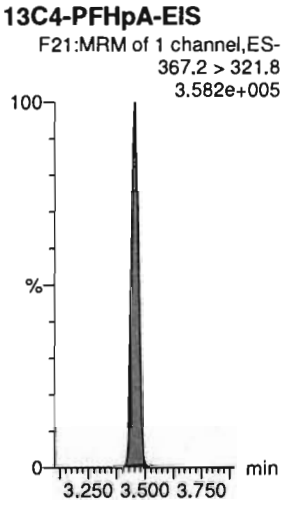

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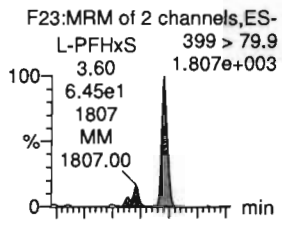
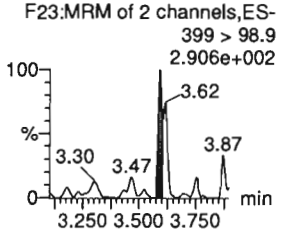
Printed: Tuesday, June 23, 2020 16:24:14 Pacific Daylight Time

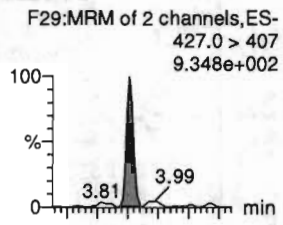
Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

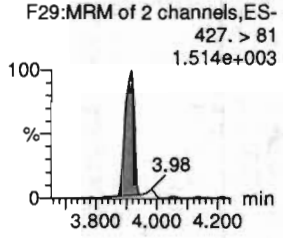
L-PFHxS



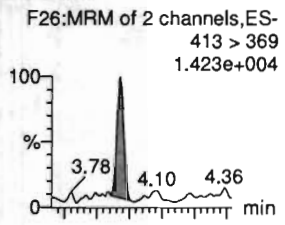


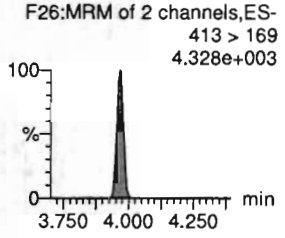
6:2 FTS



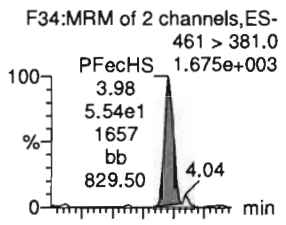


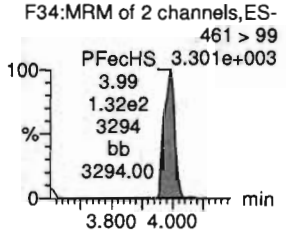
L-PFOA





PFEChS





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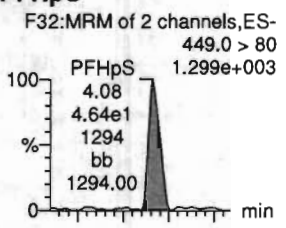
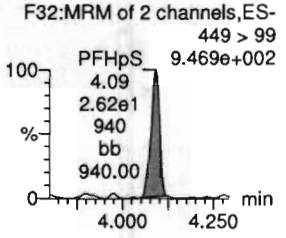
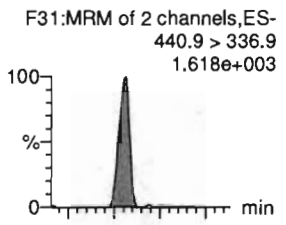
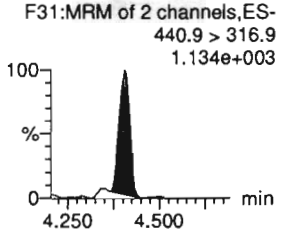


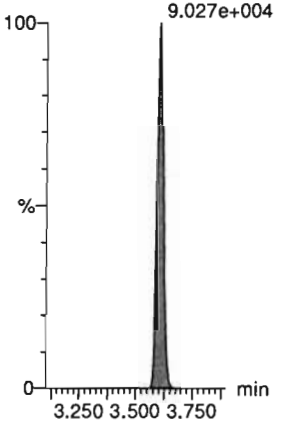


7:3 FTCA

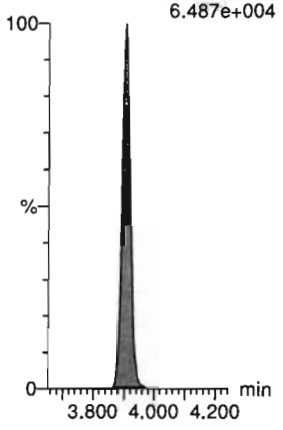




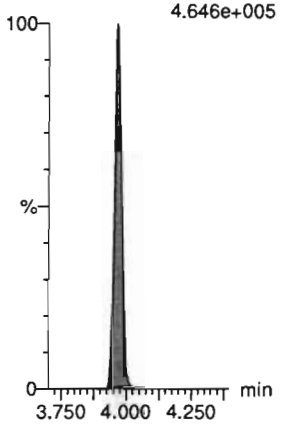
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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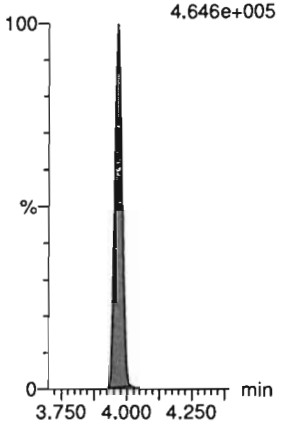
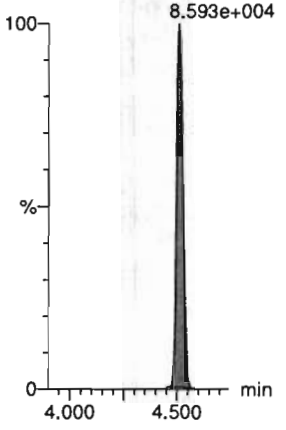
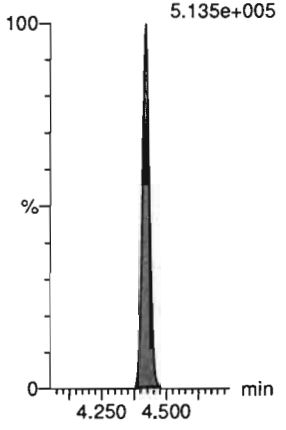


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

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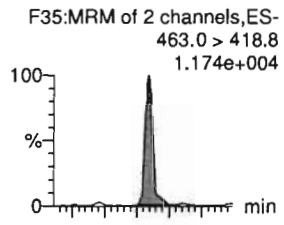

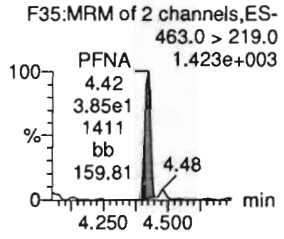

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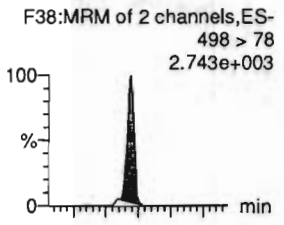
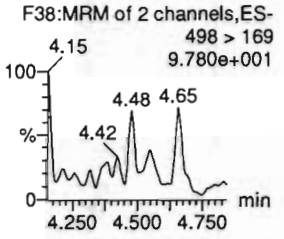
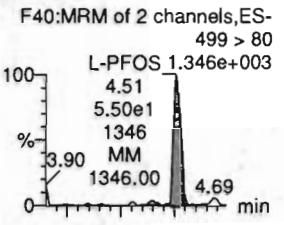
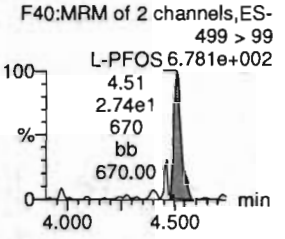


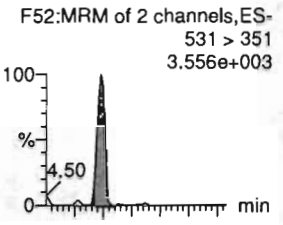


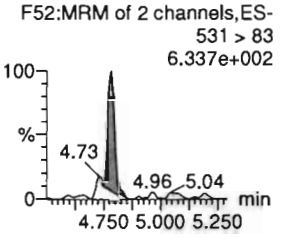
L-PFOS





9Cl-PF30NS





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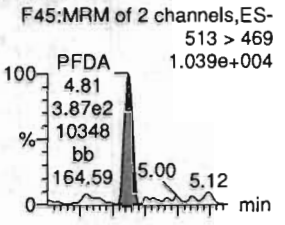
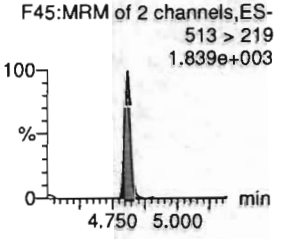
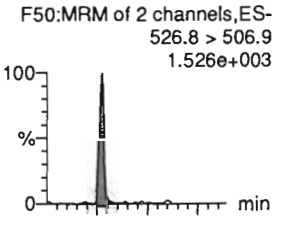
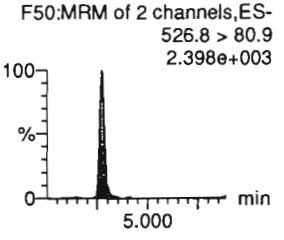


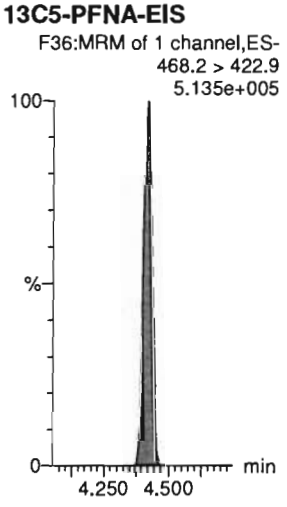


8:2 FTS

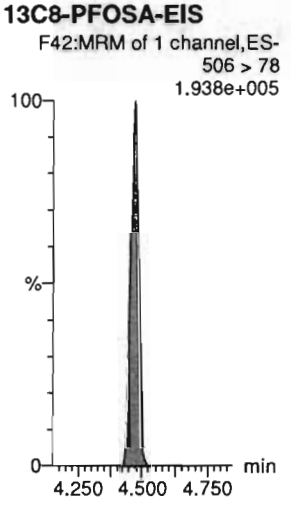




13C5-PFNA-EIS



13C8-PFOSA-EIS



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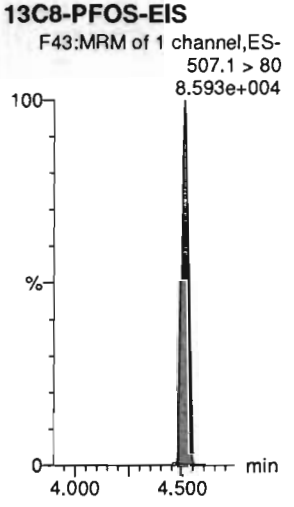

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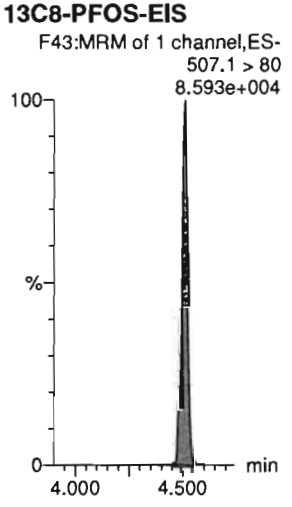

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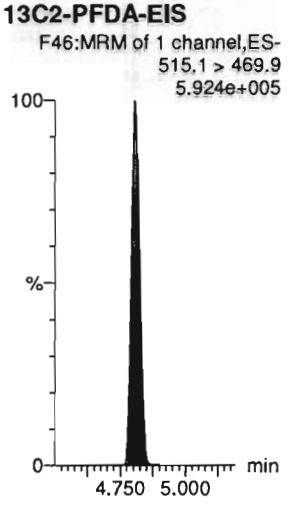
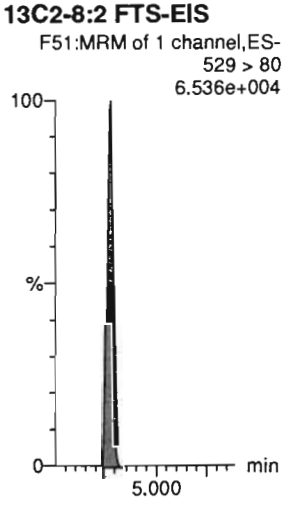


13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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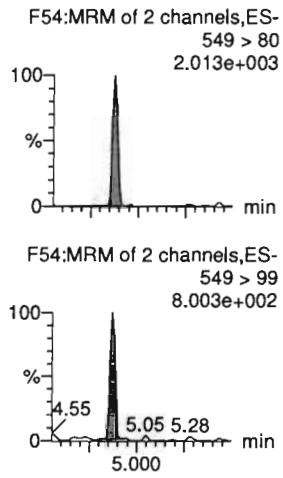
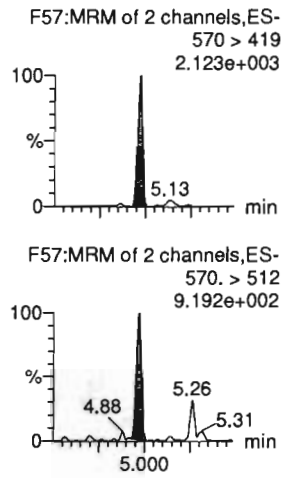
Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFNS



L-MeFOSAA



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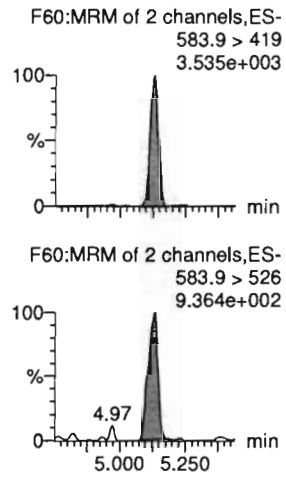
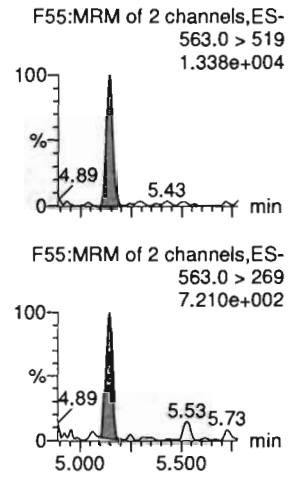
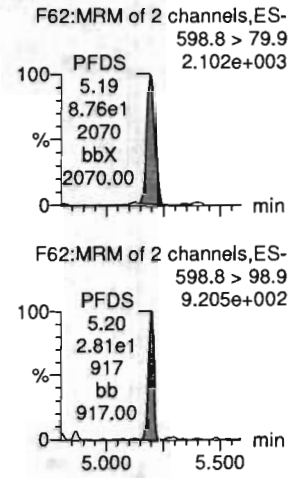


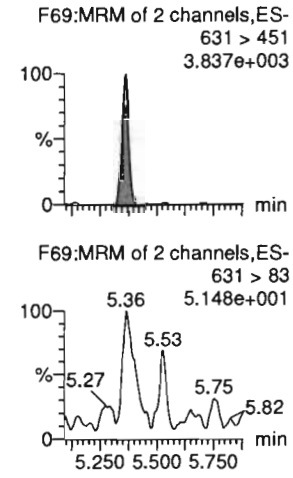
PFUdA



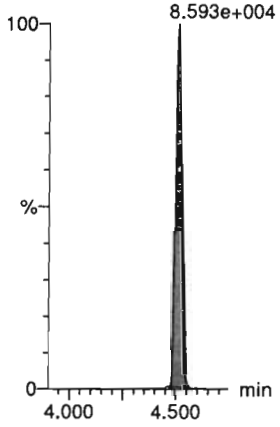
PFDS



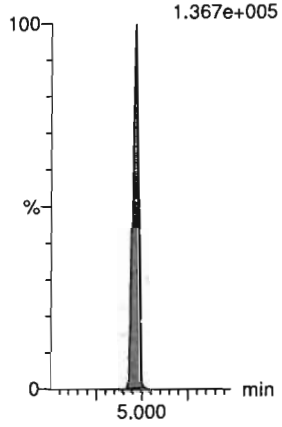
11Cl-PF30UdS



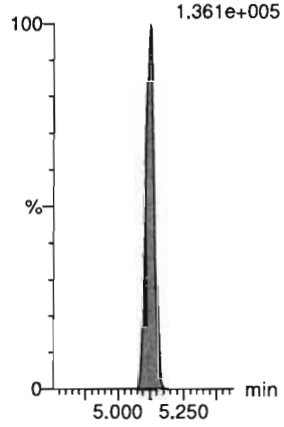
13C8-PFOS-EIS



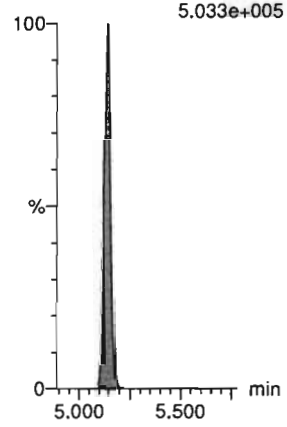
d3-N-MeFOSAA-EIS



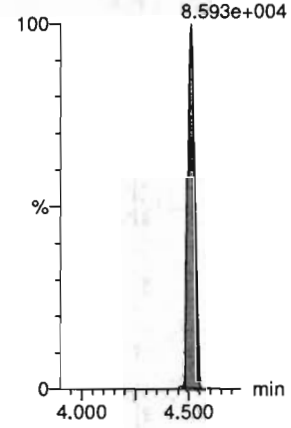
d5-N-EtFOSAA-EIS



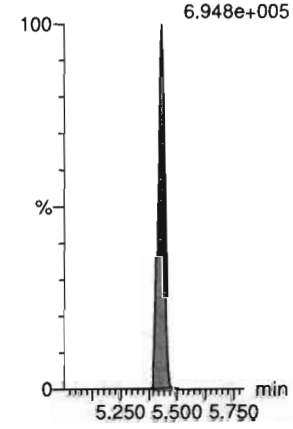
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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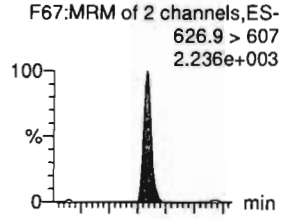
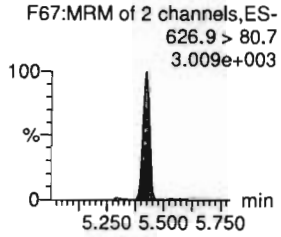
Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

10:2 FTS





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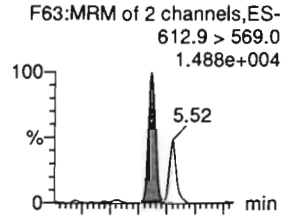
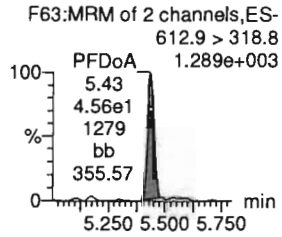
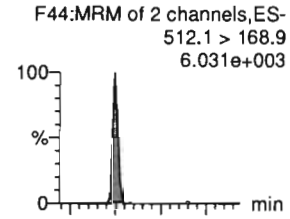
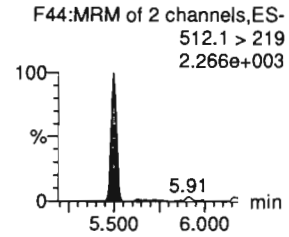




N-MeFOSA





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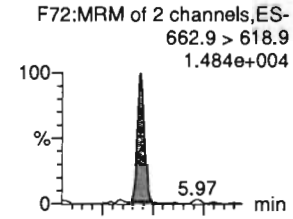
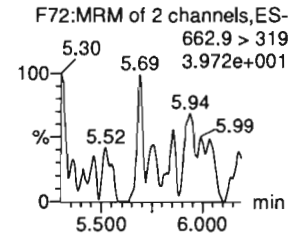
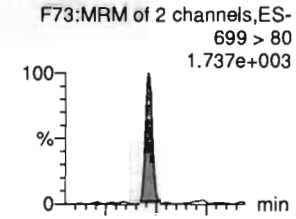
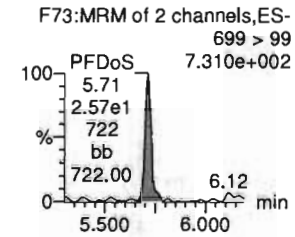




PFDoS





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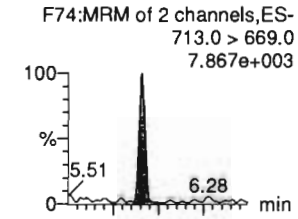
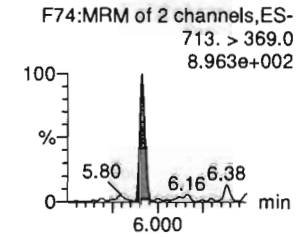
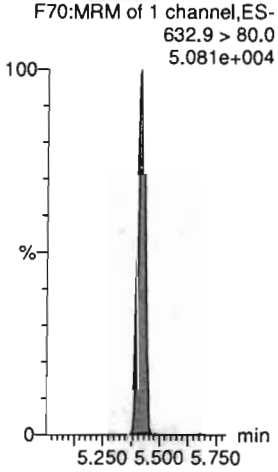
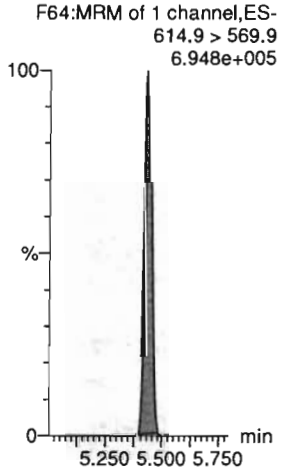




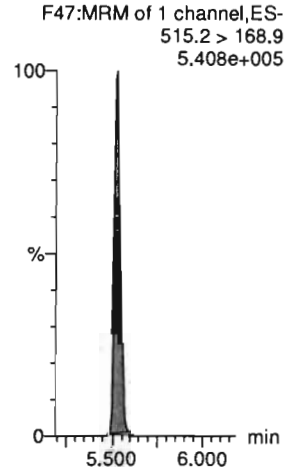
13C2-10:2 FTS-EIS



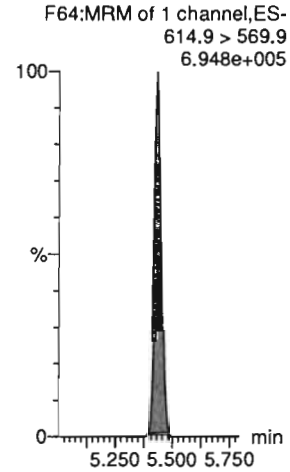
13C2-PFDoA-EIS



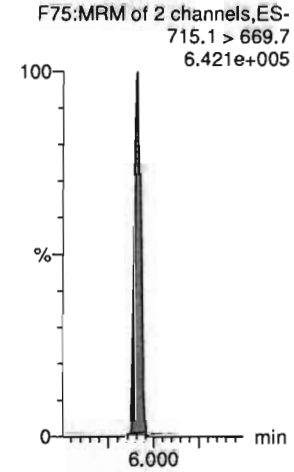
d3-N-MeFOSA-EIS



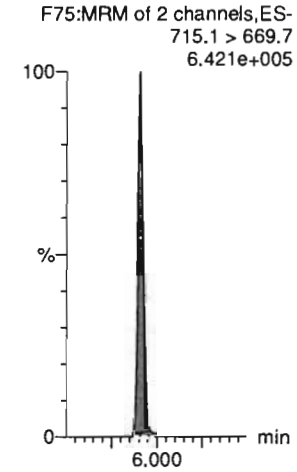
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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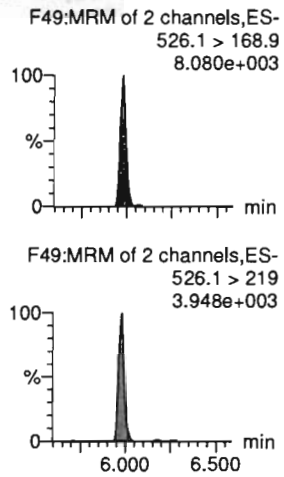
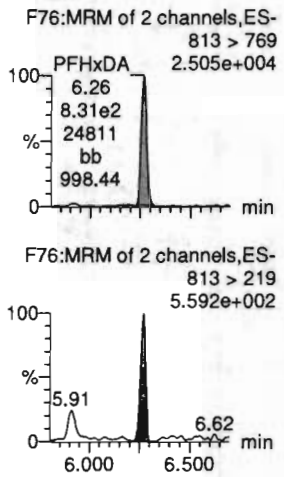
Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

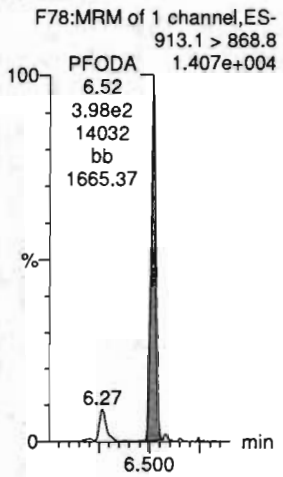
N-EtFOSA



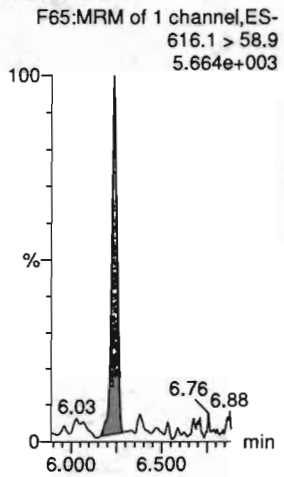
PFHxDA



PFODA



N-MeFOSE



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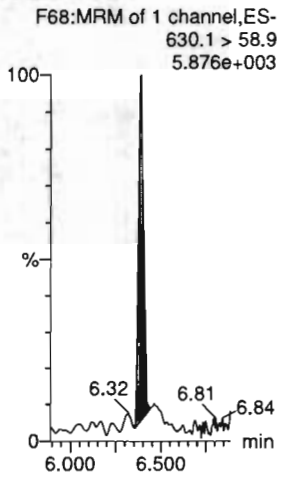
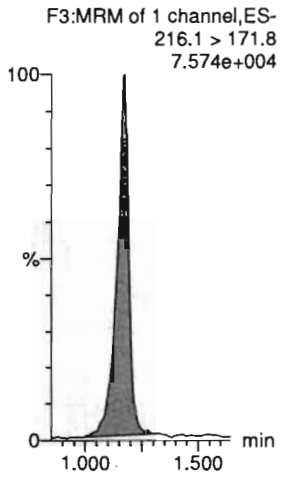
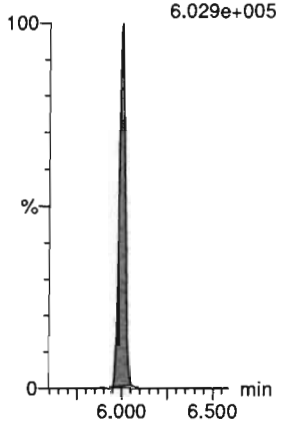


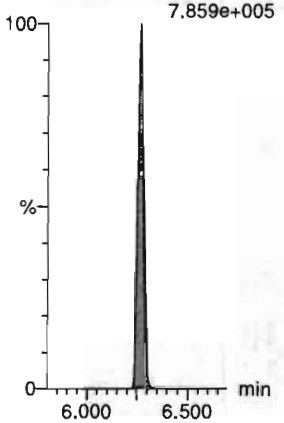
13C3-PFBA-RSD



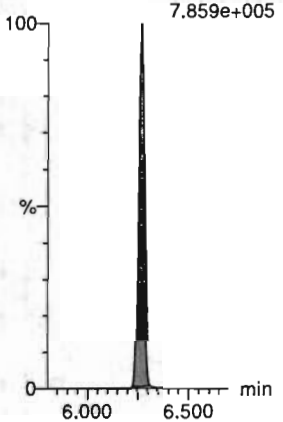
d5-N-ETFOSA-EIS



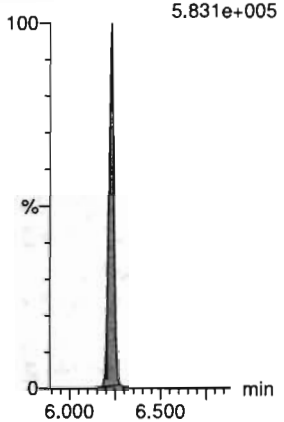
13C2-PFHxDA-EIS



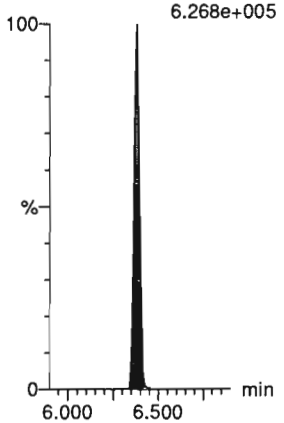
13C2-PFHxDA-EIS



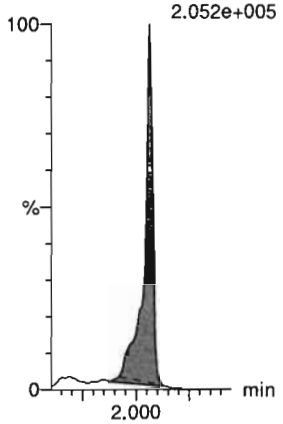
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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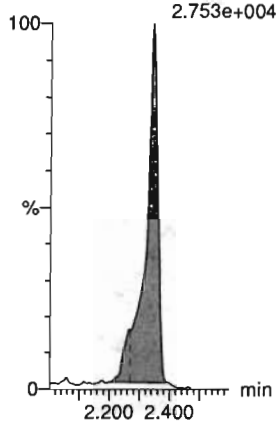
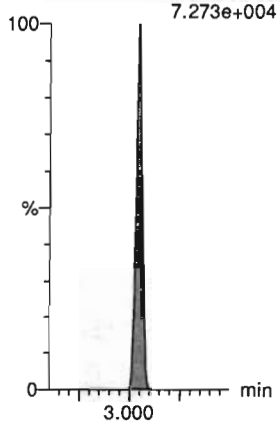
Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

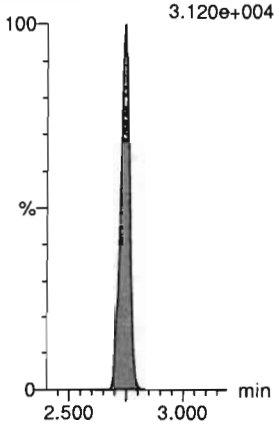
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.753e+004



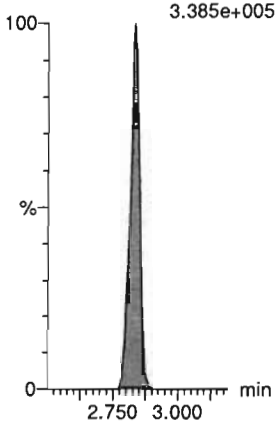
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.273e+004



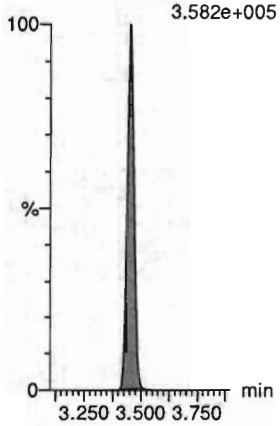
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.120e+004



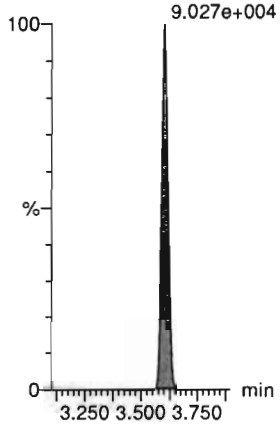
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.385e+005



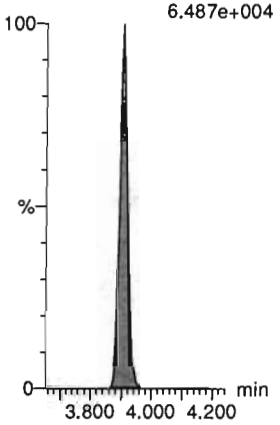
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.582e+005



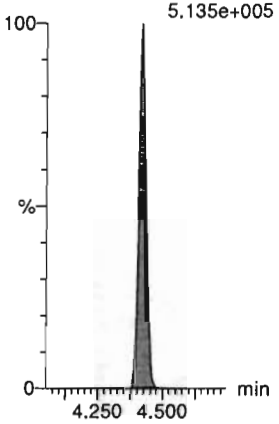
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
9.027e+004



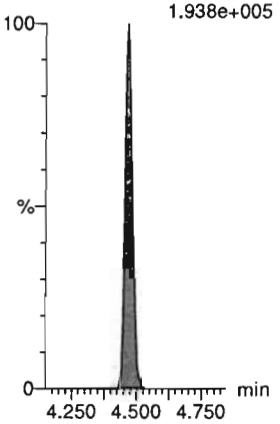
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
6.487e+004



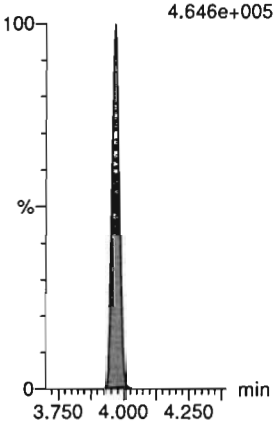
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.135e+005



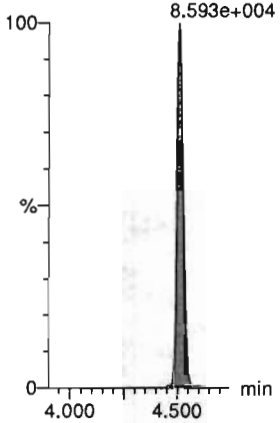
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.938e+005



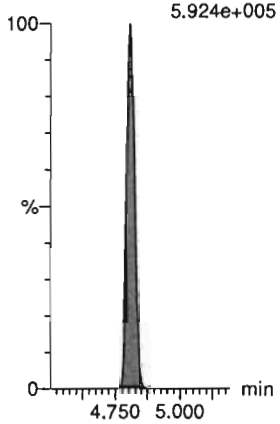
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.646e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.593e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.924e+005

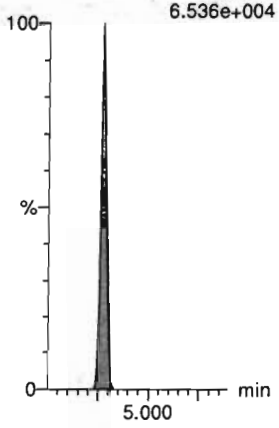


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

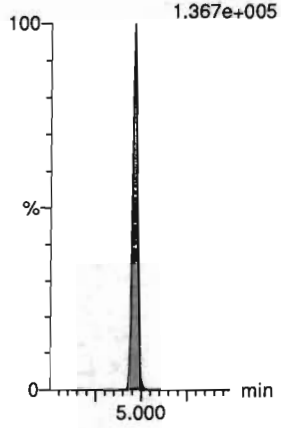
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

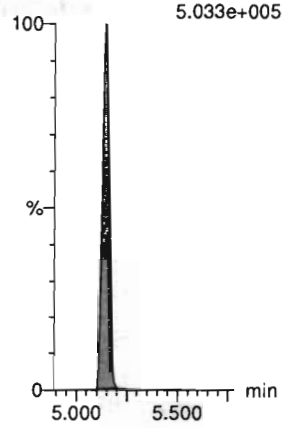
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
6.536e+004



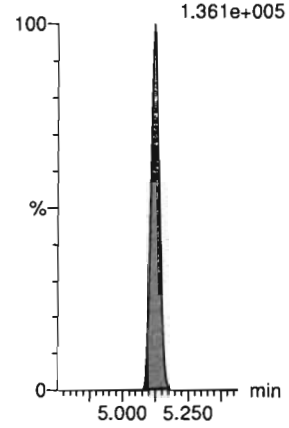
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.367e+005



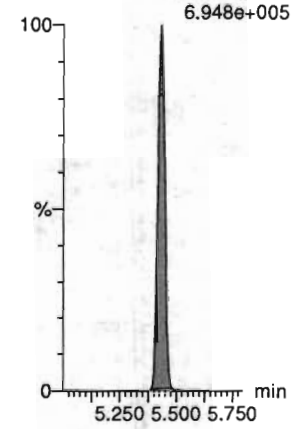
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.033e+005



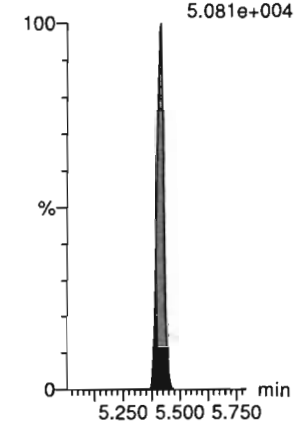
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.361e+005



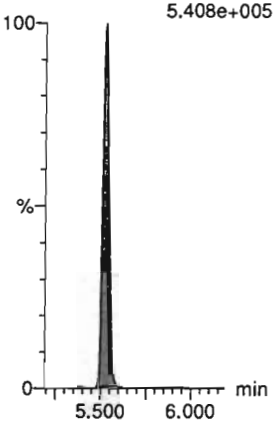
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.948e+005



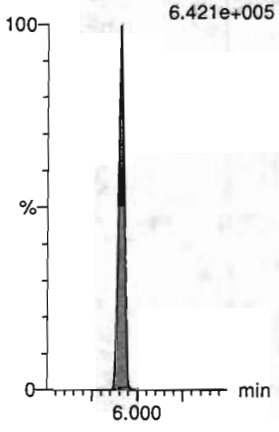
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
5.081e+004



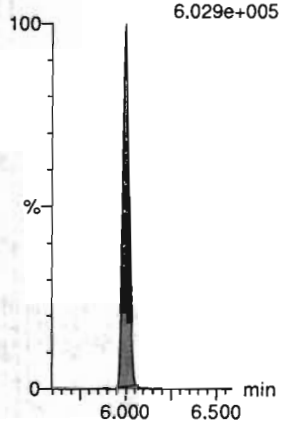
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.408e+005



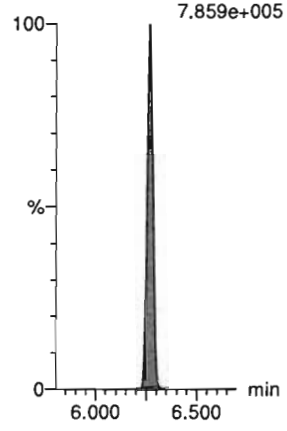
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
6.421e+005



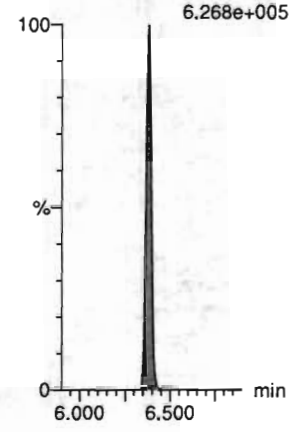
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.029e+005



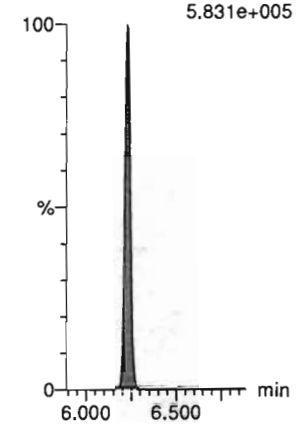
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.859e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.268e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.831e+005

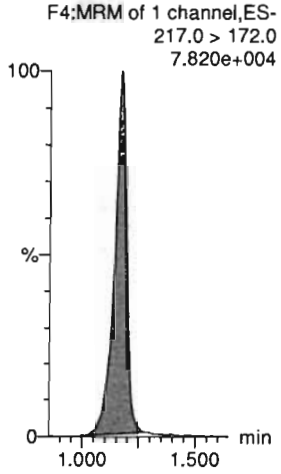


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-5, Date: 23-Jun-2020, Time: 10:52:50, ID: ST200623P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

13C4-PFBA



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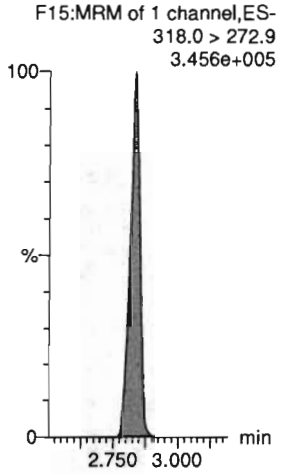
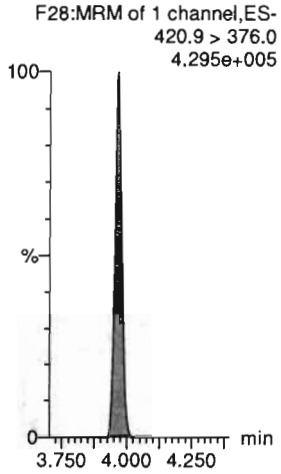
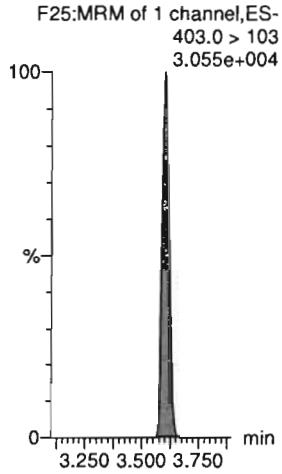


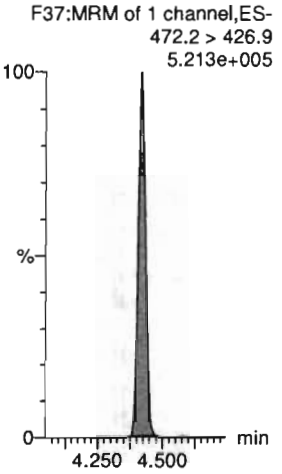
13C8-PFOA



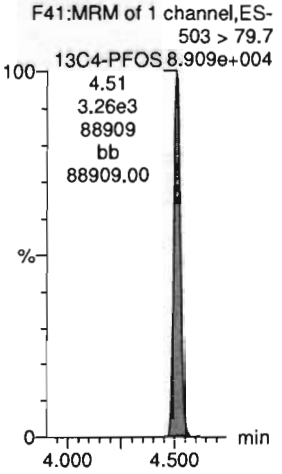
18O2-PFHxS



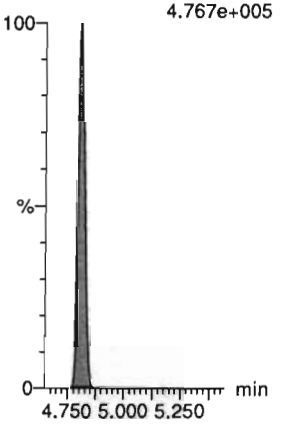
13C9-PFNA



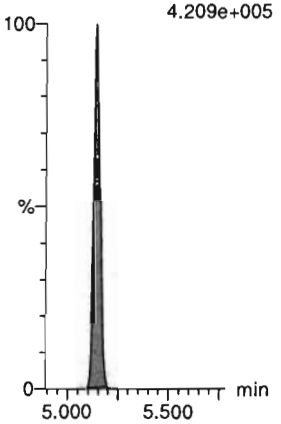
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Tuesday, June 23, 2020 16:18:40 Pacific Daylight Time
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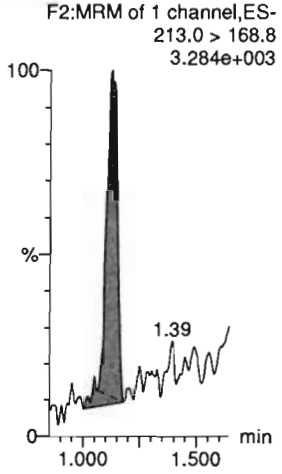
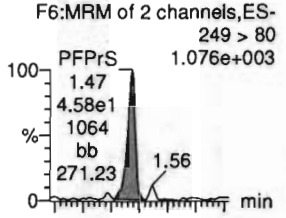
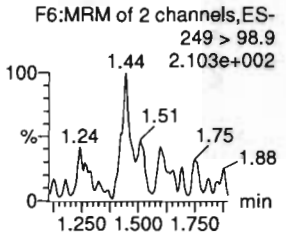
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFBA

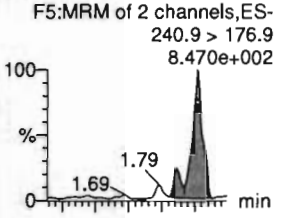


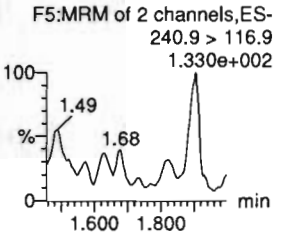
PFPrS



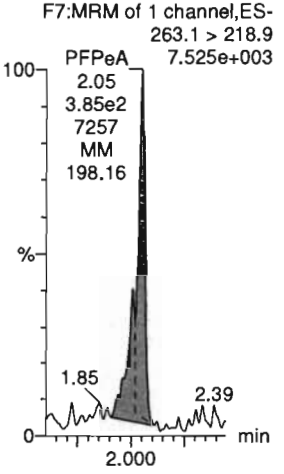


3:3 FTCA

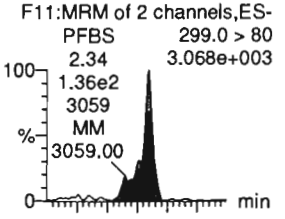


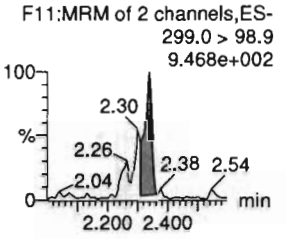


PFPeA

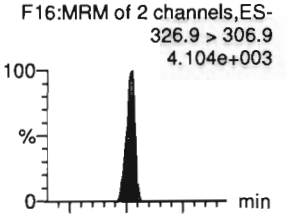


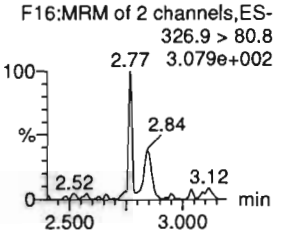
PFBS



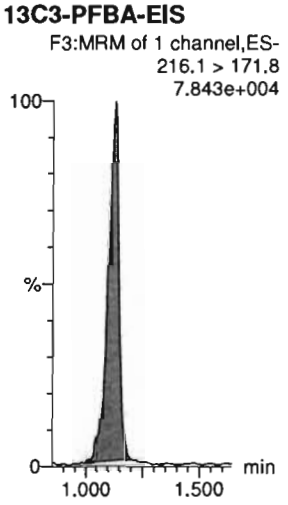


4:2 FTS

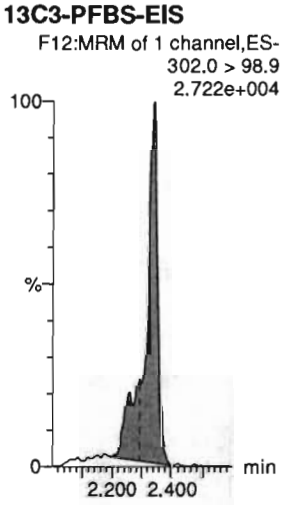




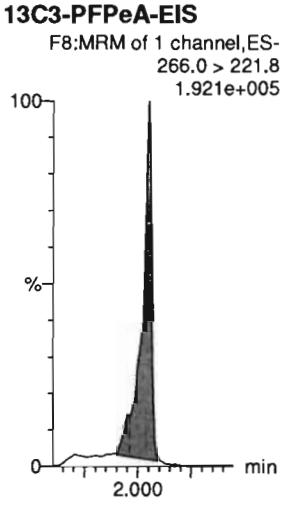
13C3-PFBA-EIS



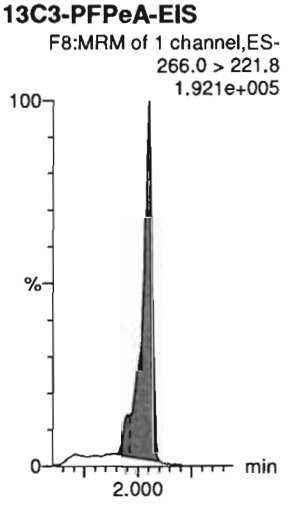
13C3-PFBS-EIS



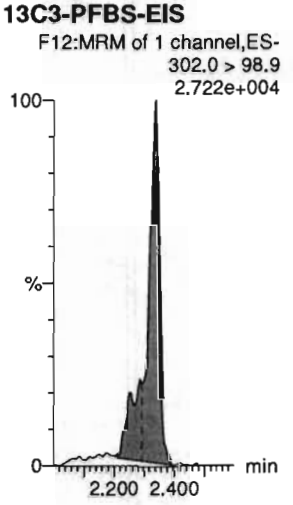
13C3-PFPeA-EIS



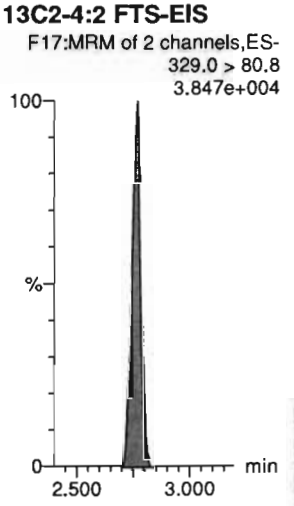
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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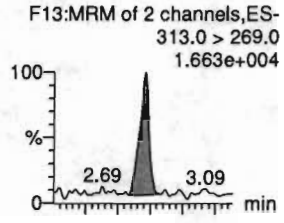
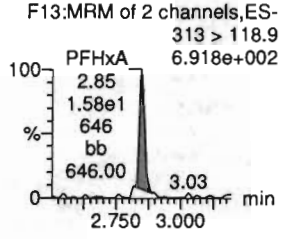
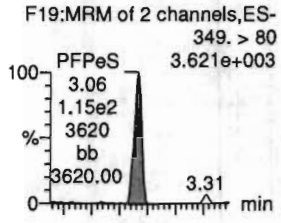
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

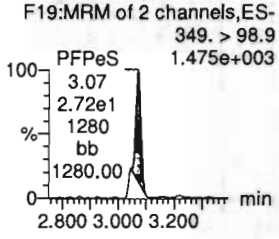
PFHxA



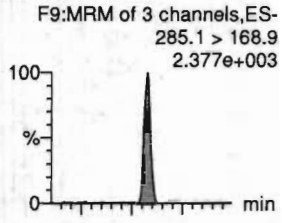


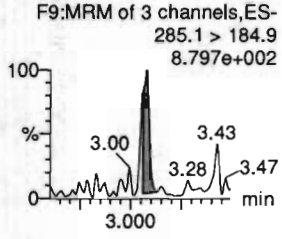
PFPeS



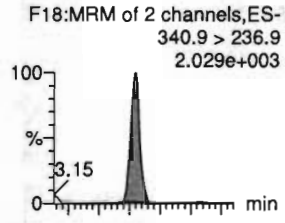


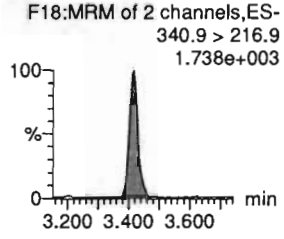
HFPO-DA



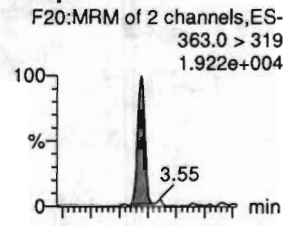


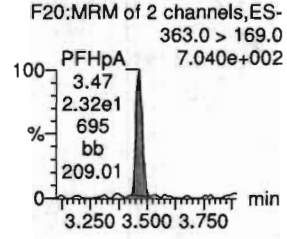
5:3 FTCA



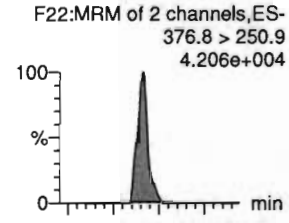


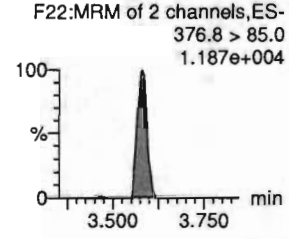
PFHpA



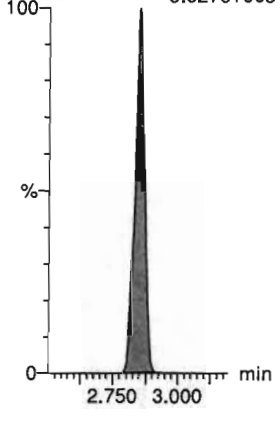


ADONA

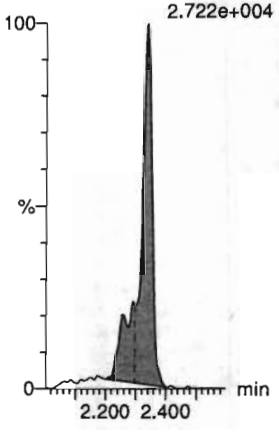




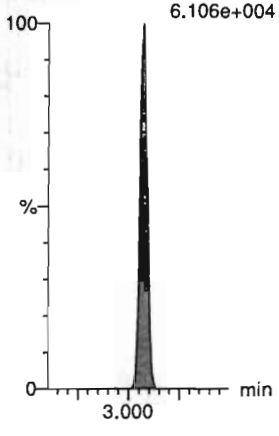
13C2-PFHxA-EIS



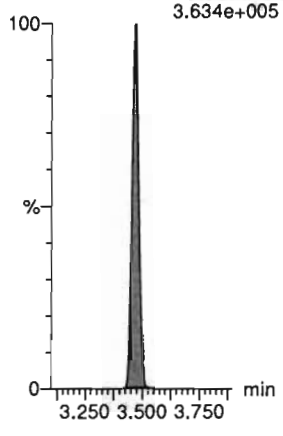
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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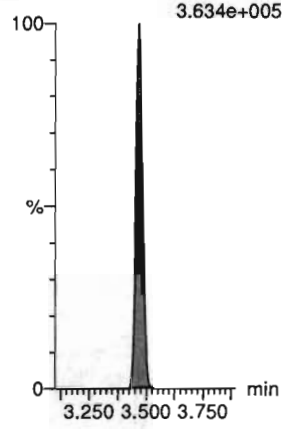
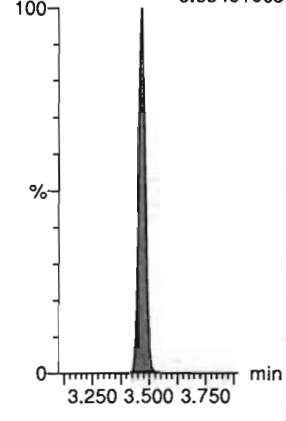


13C4-PFHpA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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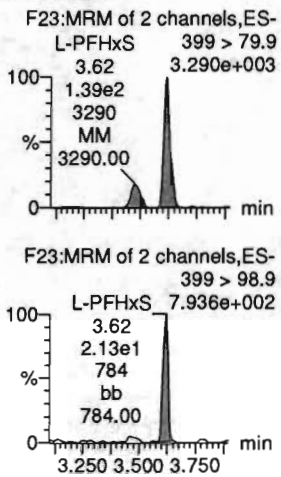
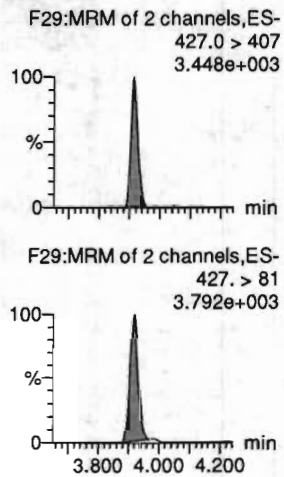
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

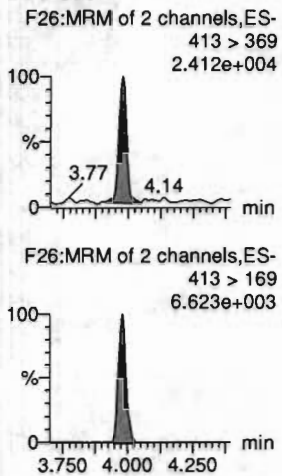
L-PFHxS



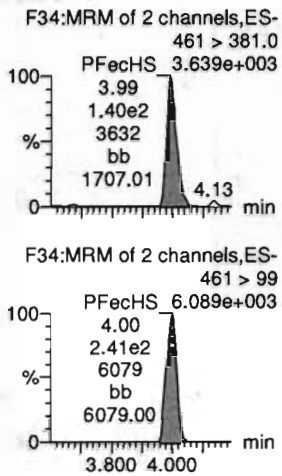
6:2 FTS



L-PFOA



PFEChS



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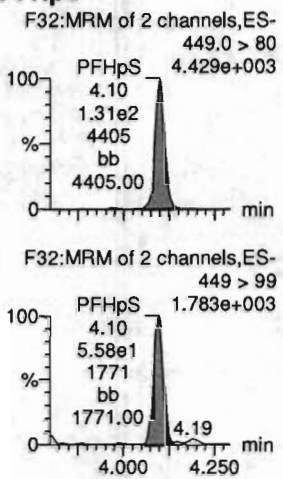
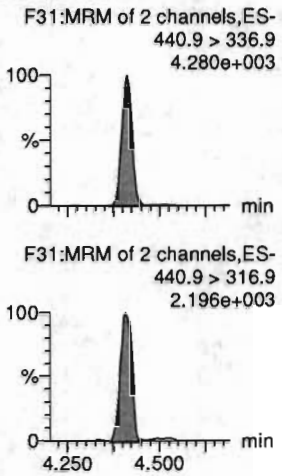


7:3 FTCA



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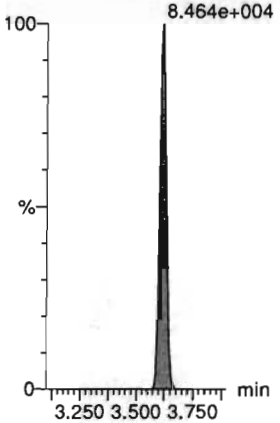
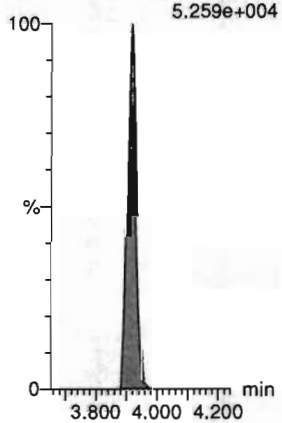
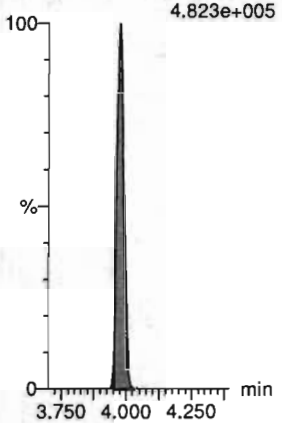


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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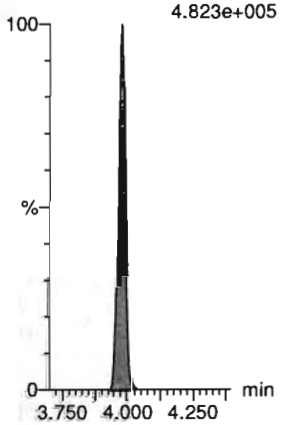
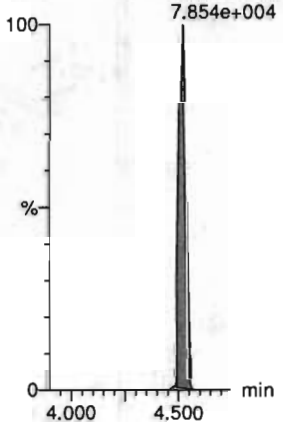
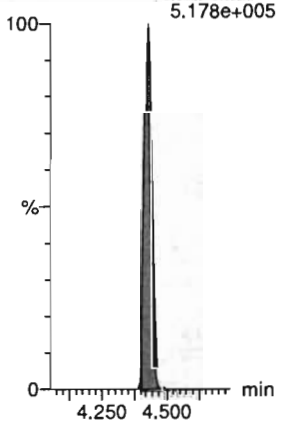


13C8-PFOS-EIS



13C5-PFNA-EIS

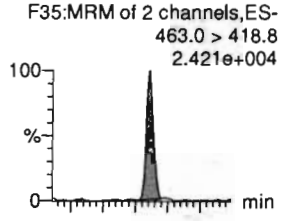


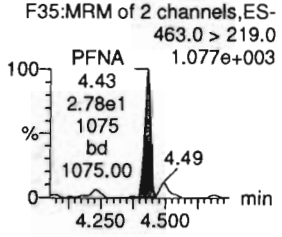
Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFNA





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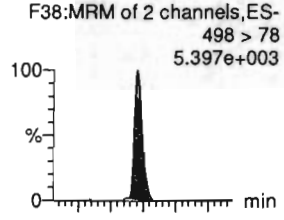
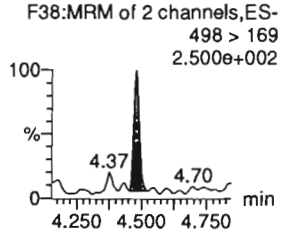
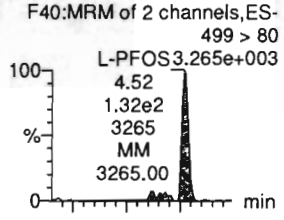
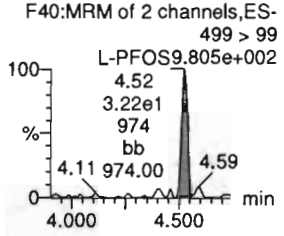


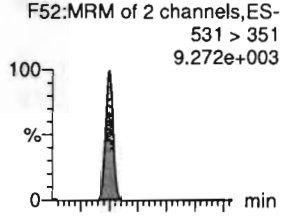


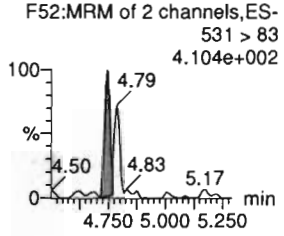
L-PFOS





9Cl-PF30NS





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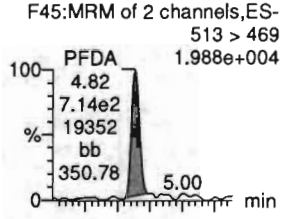
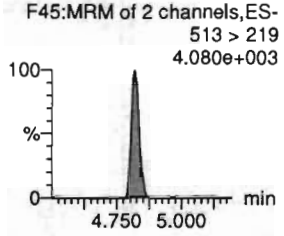
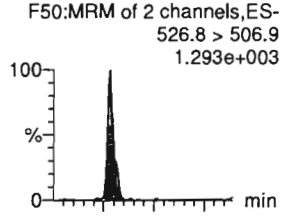
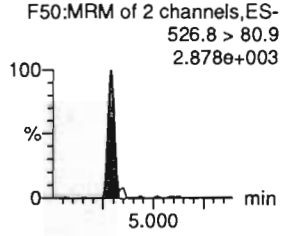


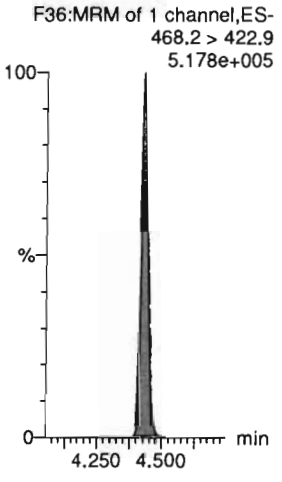


8:2 FTS

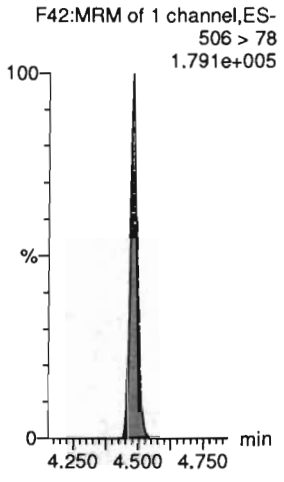




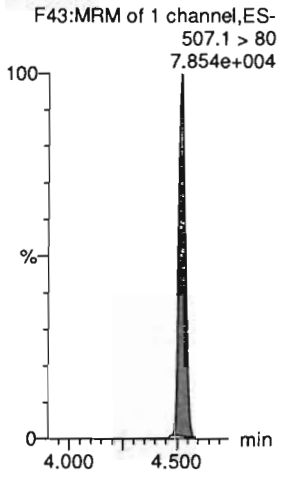
13C5-PFNA-EIS



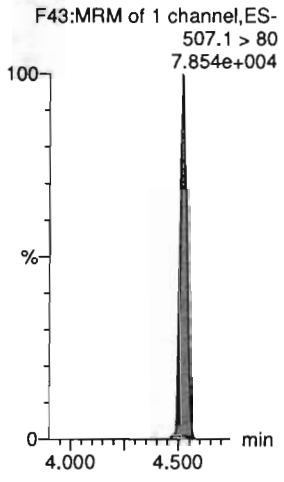
13C8-PFOSA-EIS



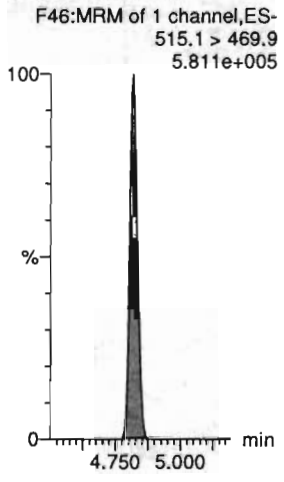
13C8-PFOS-EIS



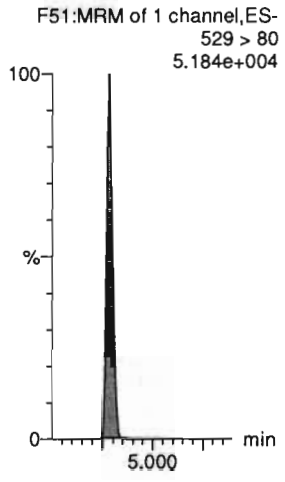
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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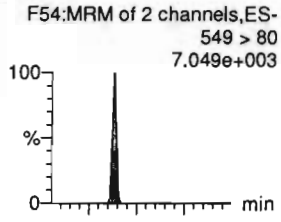
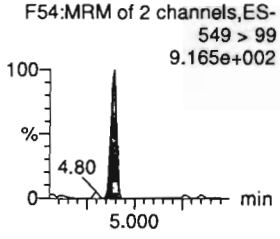
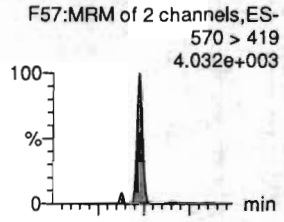
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

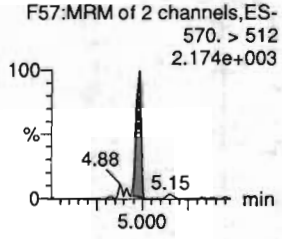
PFNS



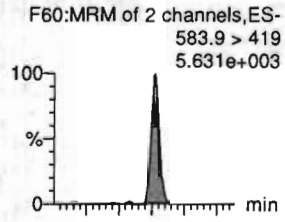


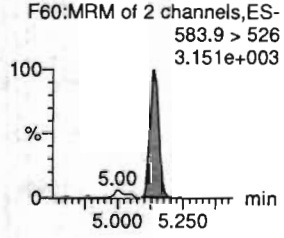
L-MeFOSAA



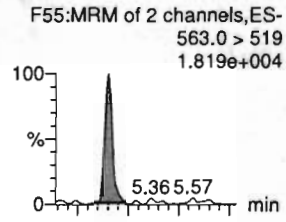


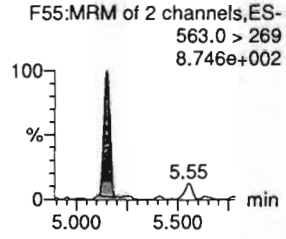
L-EtFOSAA



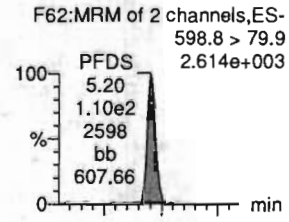


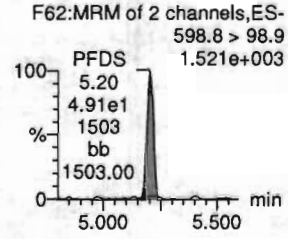
PFUdA



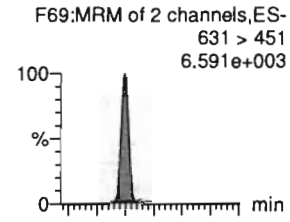


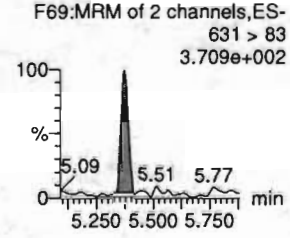
PFDS



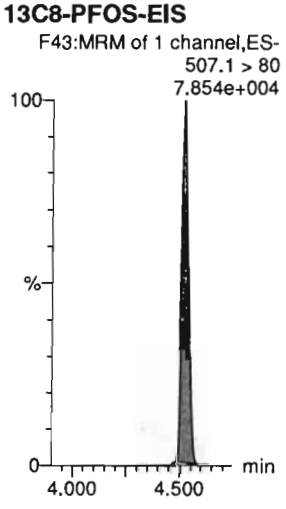


11Cl-PF30UdS

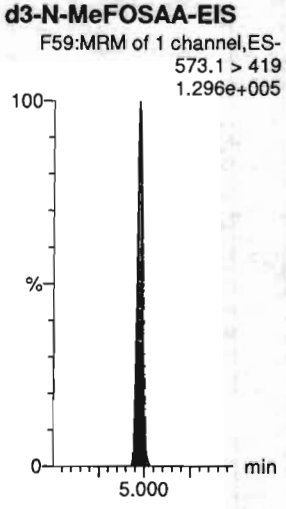




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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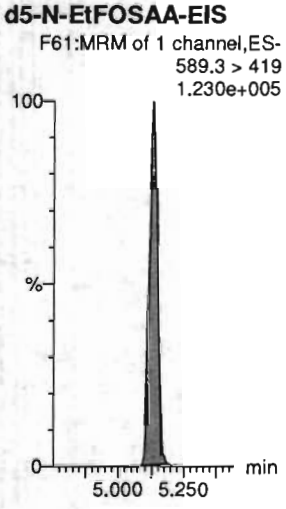
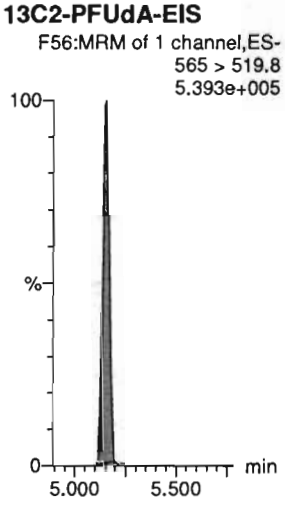
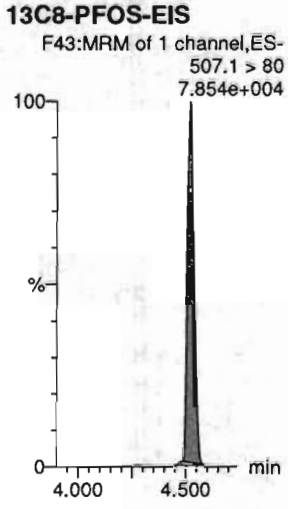


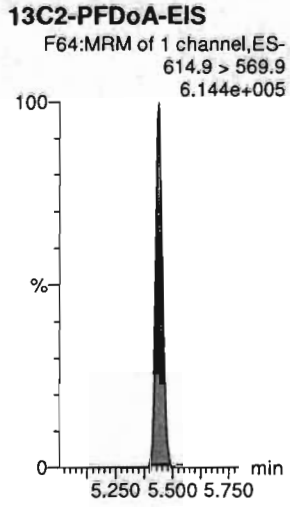
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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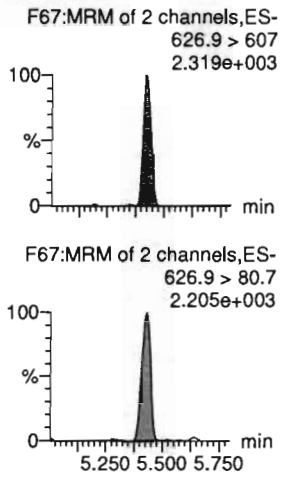
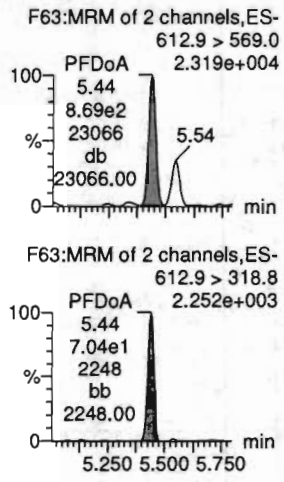
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

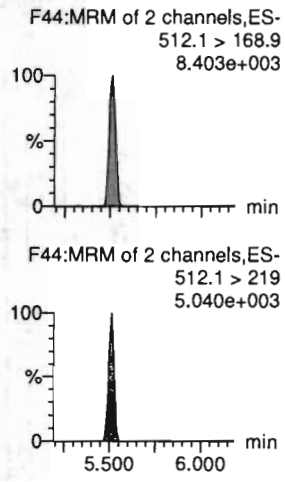
10:2 FTS



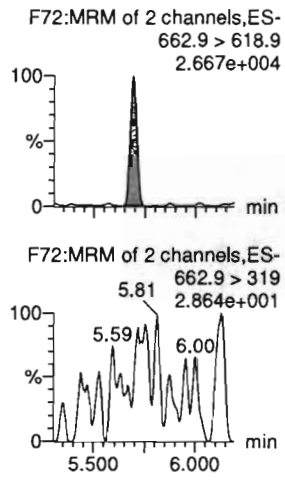
PFDoA



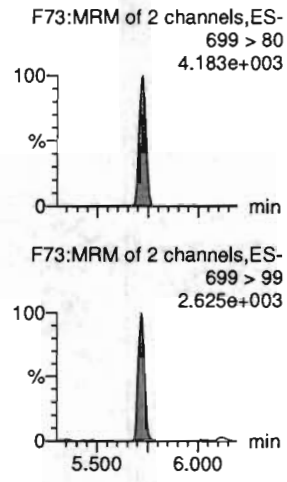
N-MeFOSA



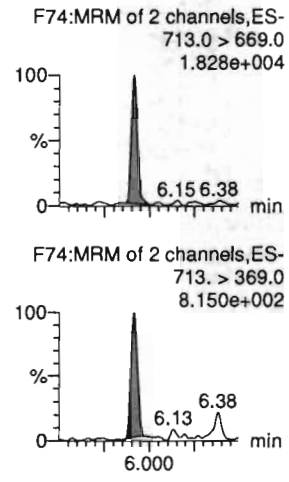
PFTrDA



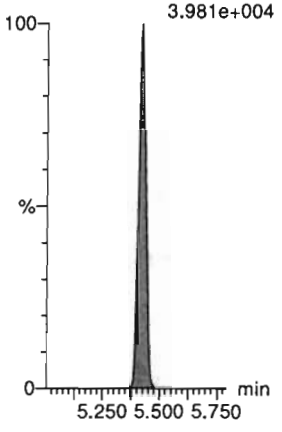
PFDoS



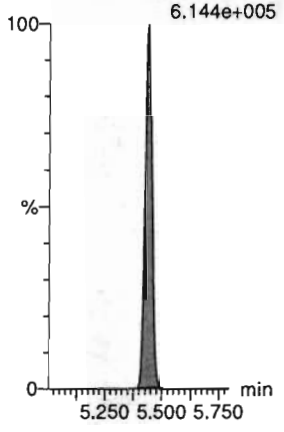
PFTeDA



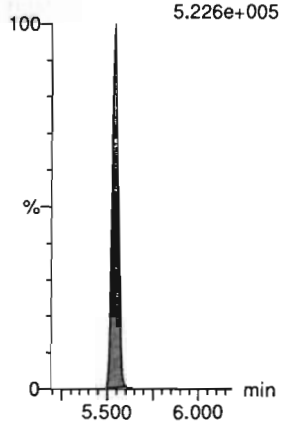
13C2-10:2 FTS-EIS



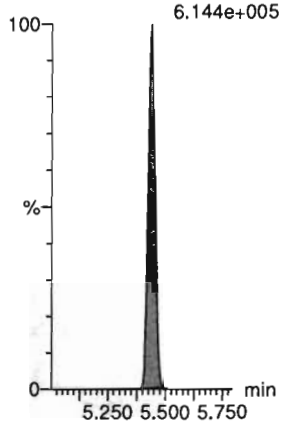
13C2-PFDoA-EIS



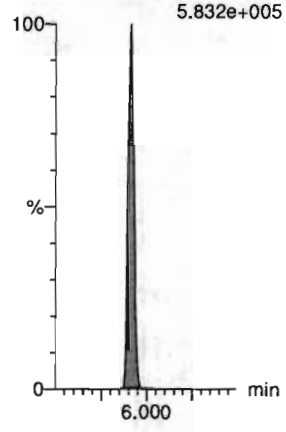
d3-N-MeFOSA-EIS



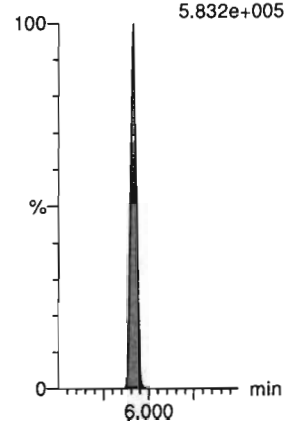
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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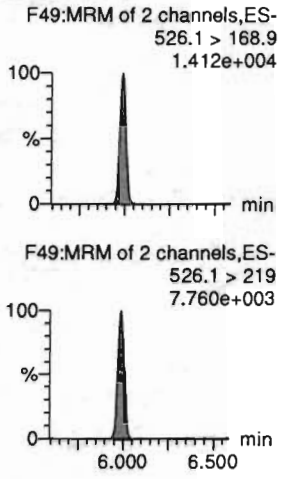
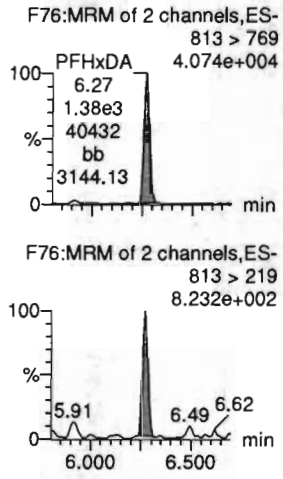
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

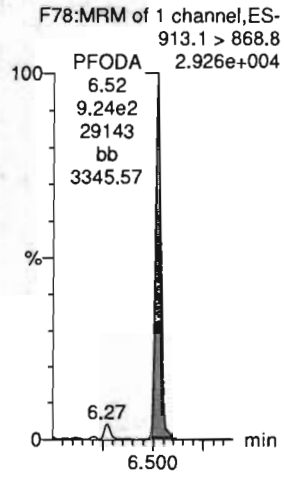
N-EtFOSA



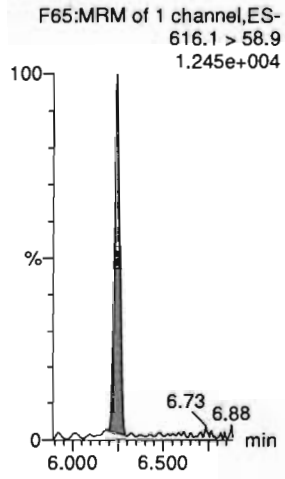
PFHxDA



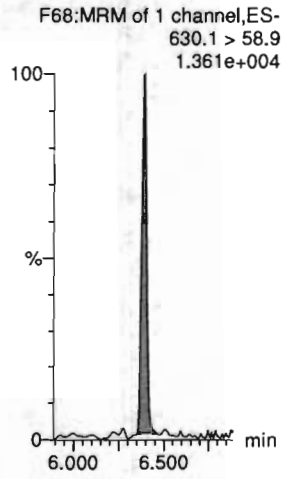
PFODA



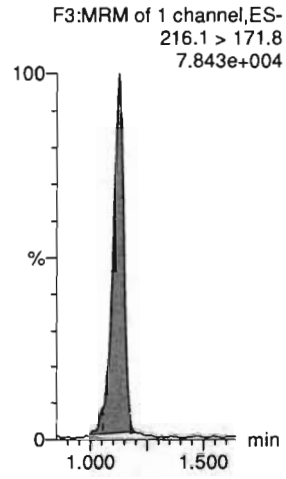
N-MeFOSE



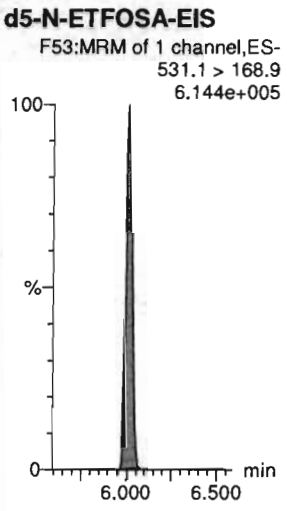
N-EtFOSE



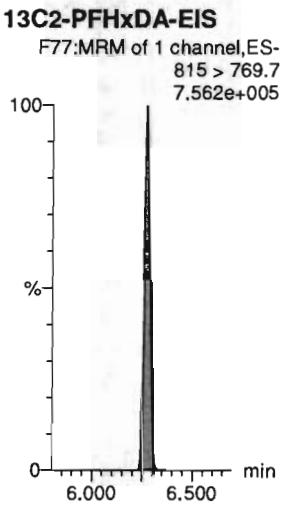
13C3-PFBA-RSD



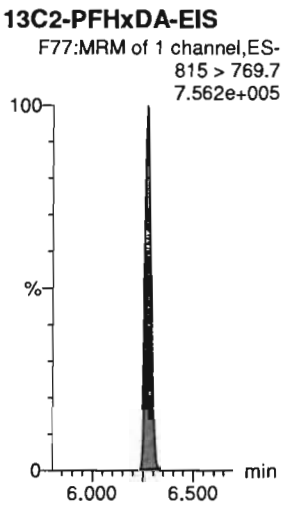
d5-N-ETFOSA-EIS



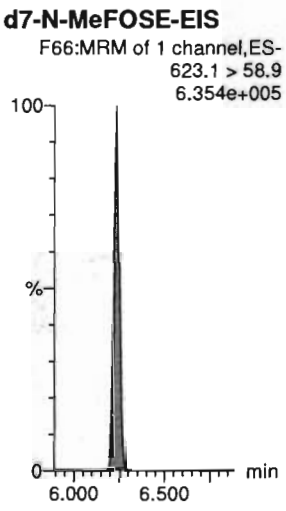
13C2-PFHxDA-EIS



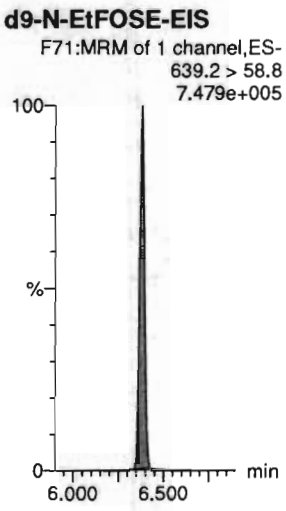
13C2-PFHxDA-EIS



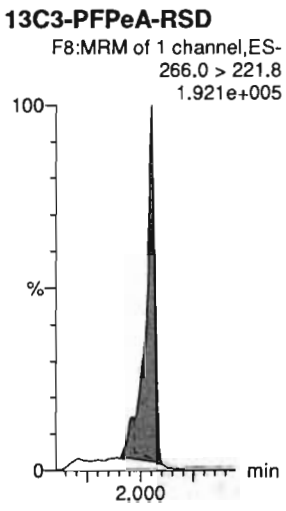
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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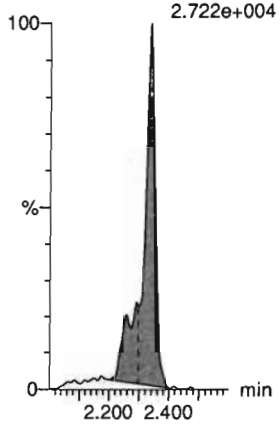
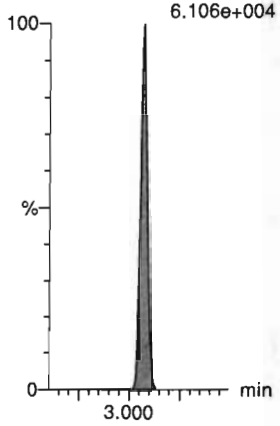
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

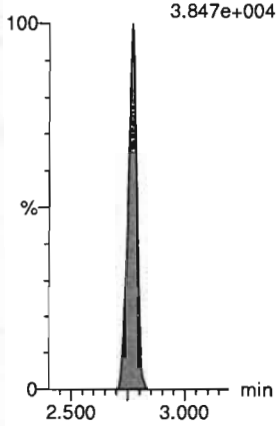
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.722e+004



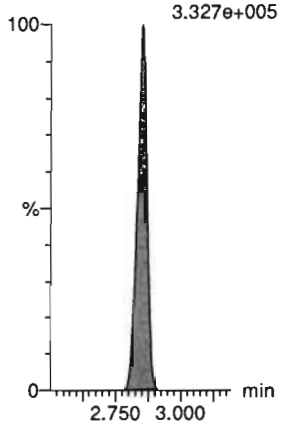
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.106e+004



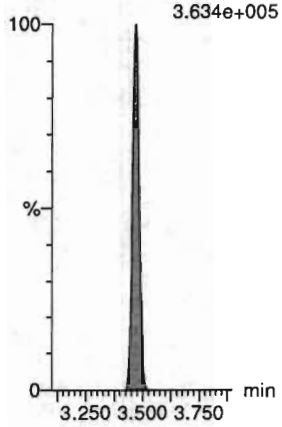
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.847e+004



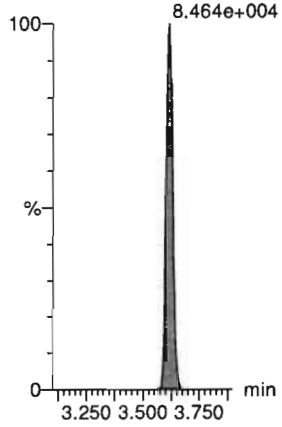
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.327e+005



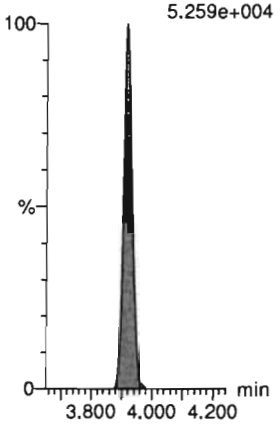
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.634e+005



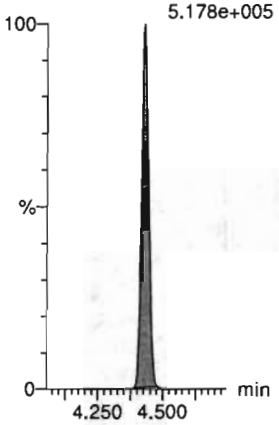
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.464e+004



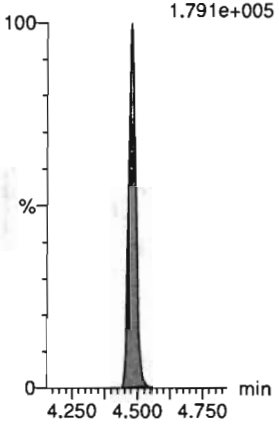
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.259e+004



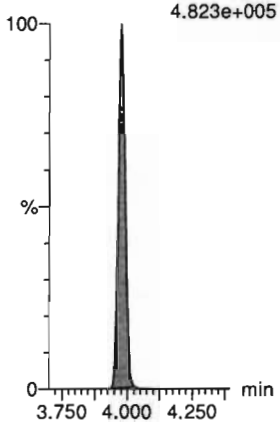
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.178e+005



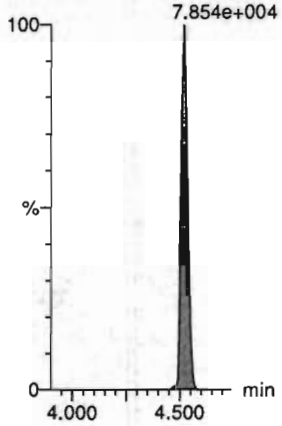
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.791e+005



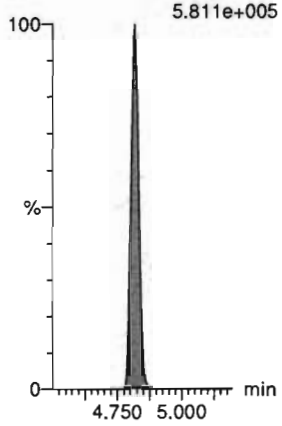
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.823e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.854e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.811e+005



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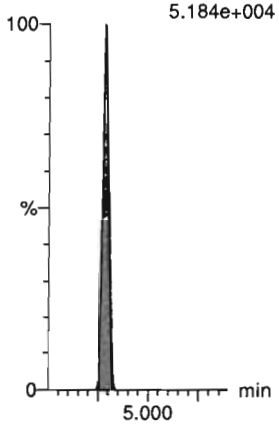
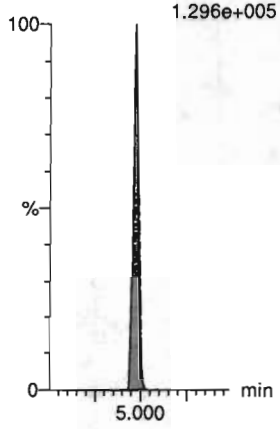
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

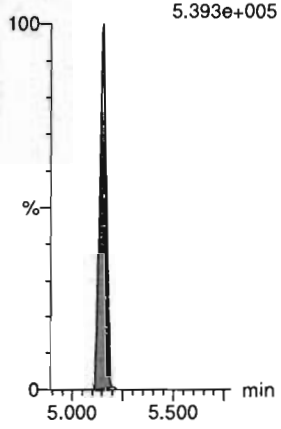
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
5.184e+004



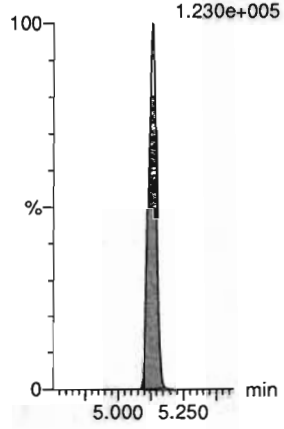
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.296e+005



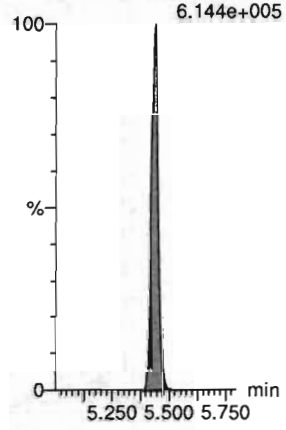
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.393e+005



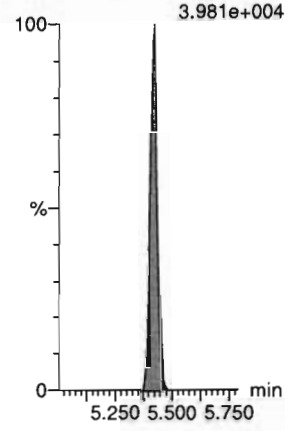
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.230e+005



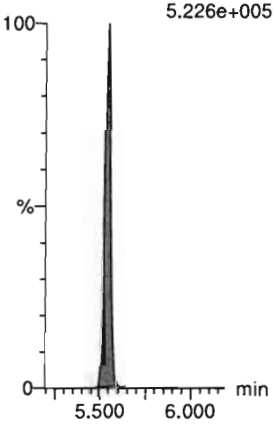
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.144e+005



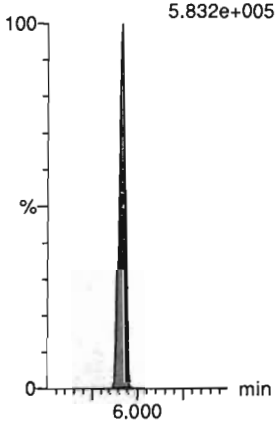
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.981e+004



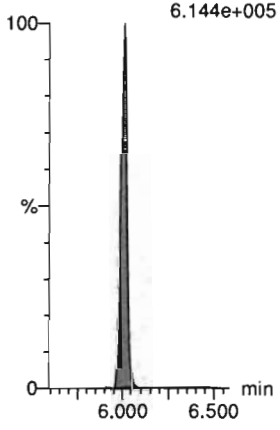
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.226e+005



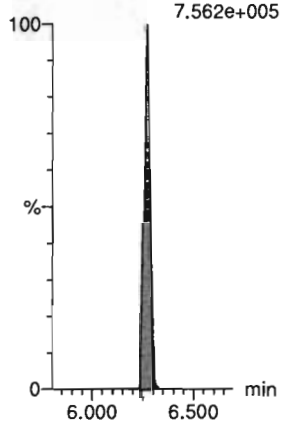
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.832e+005



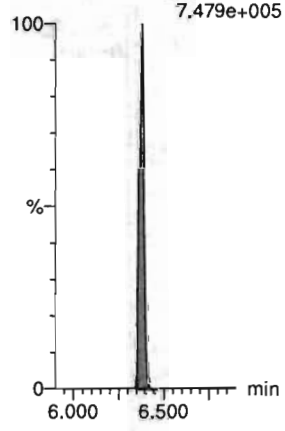
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.144e+005



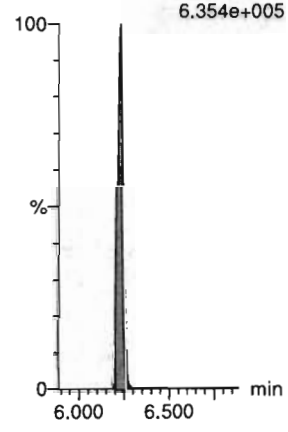
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.562e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.479e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.354e+005



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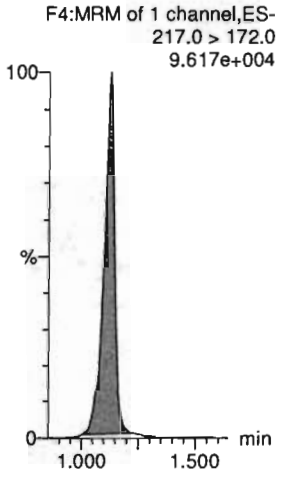
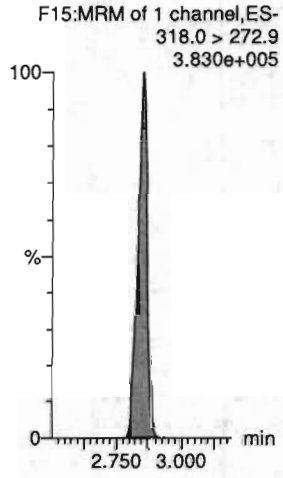
Name: 200623P1-6, Date: 23-Jun-2020, Time: 11:03:24, ID: ST200623P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

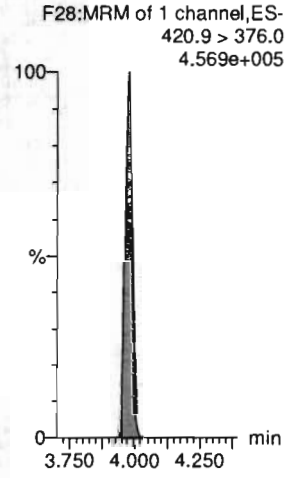
13C4-PFBA



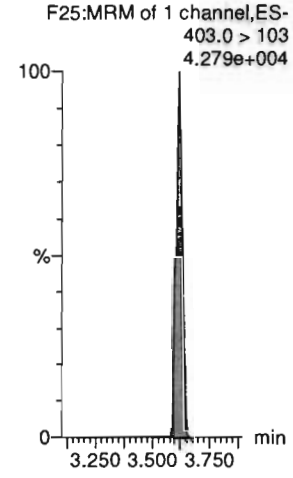
13C5-PFHxA



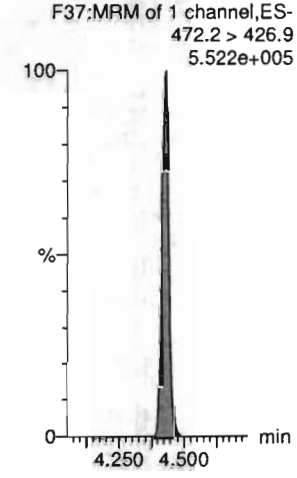
13C8-PFOA



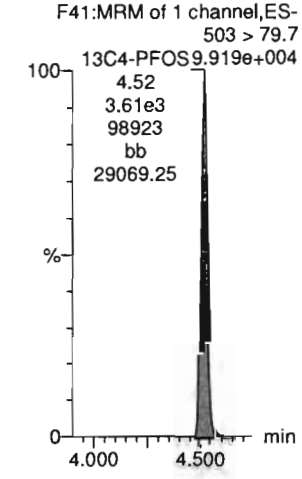
18O2-PFHxS



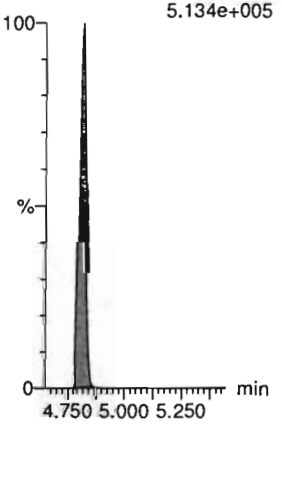
13C9-PFNA



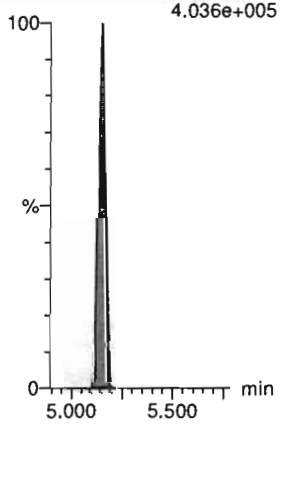
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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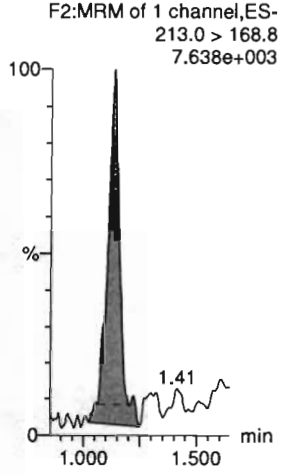
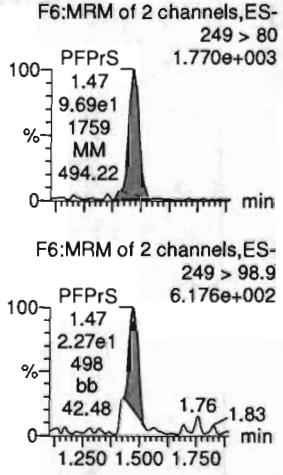
Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

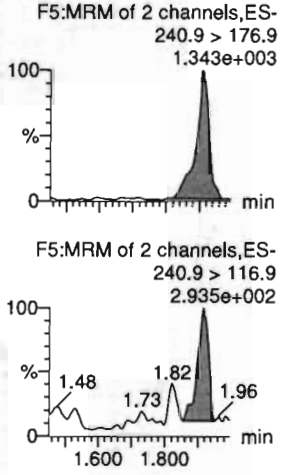
PFBA



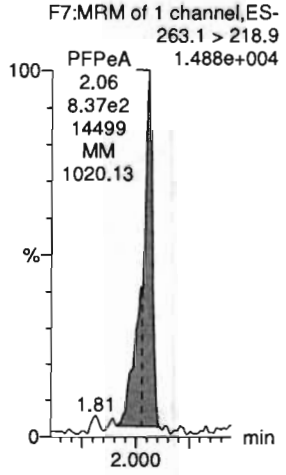
PFPrS



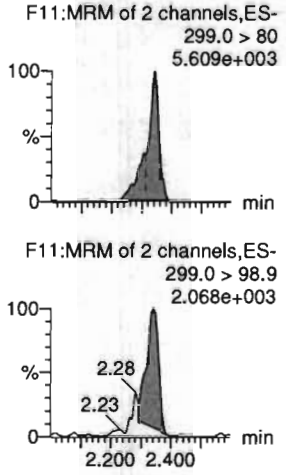
3:3 FTCA



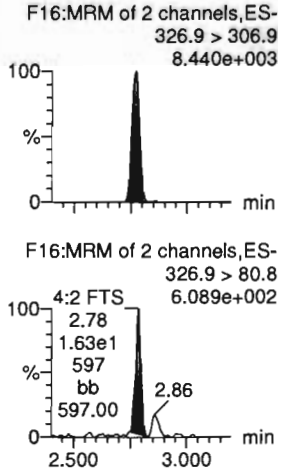
PFPeA



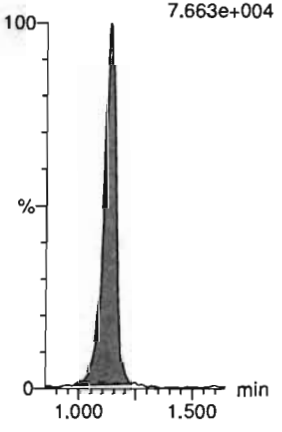
PFBS



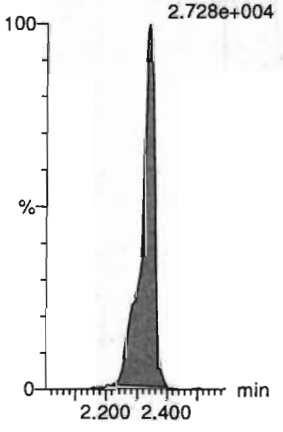
4:2 FTS



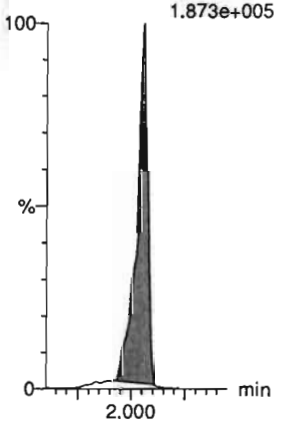
13C3-PFBA-EIS



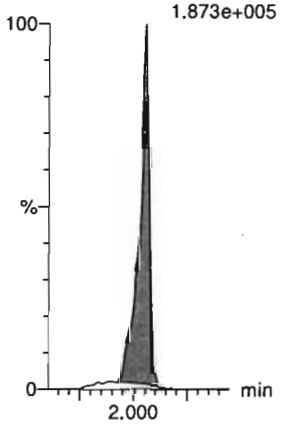
13C3-PFBS-EIS



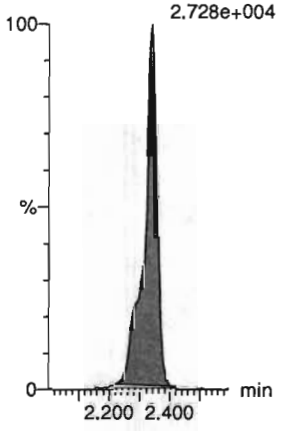
13C3-PFPeA-EIS



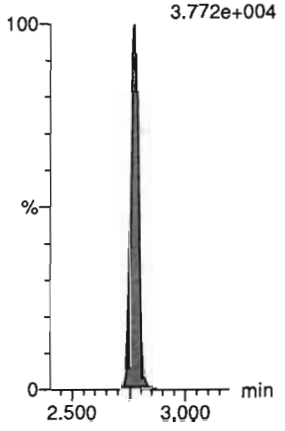
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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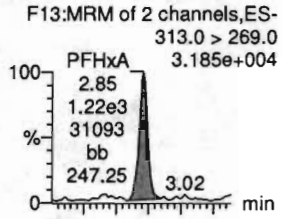
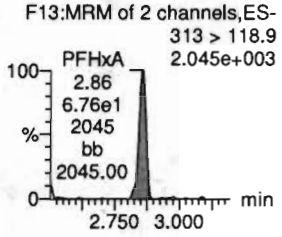
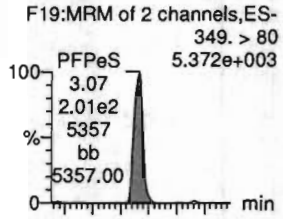
Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

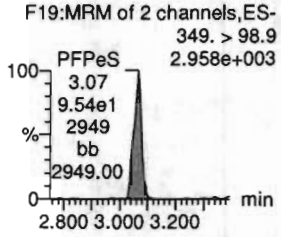
PFHxA



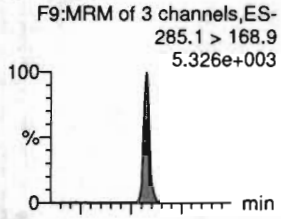


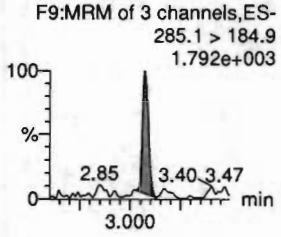
PFPeS



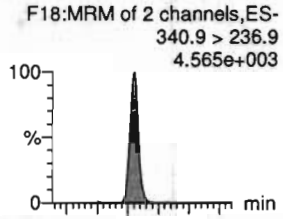


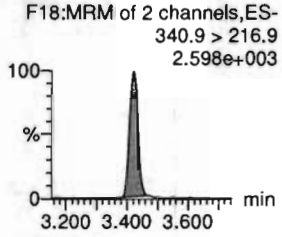
HFPO-DA



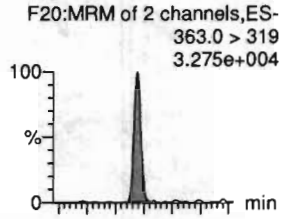


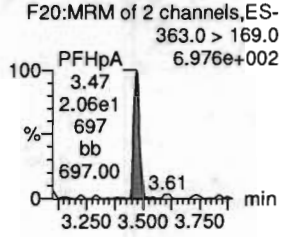
5:3 FTCA



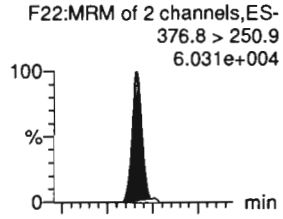


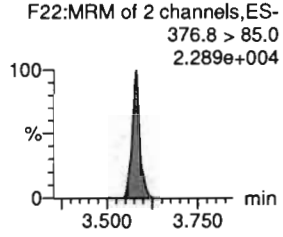
PFHpA



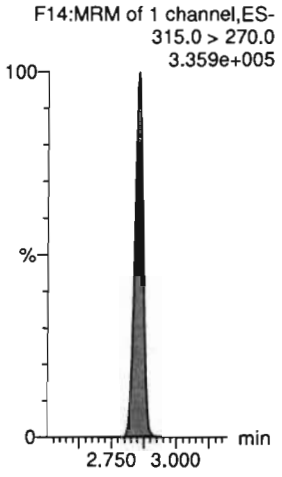


ADONA

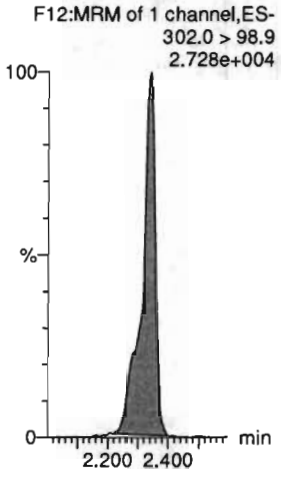




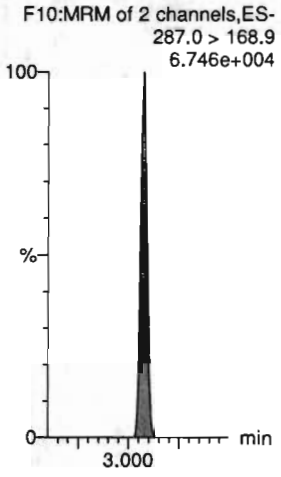
13C2-PFHxA-EIS



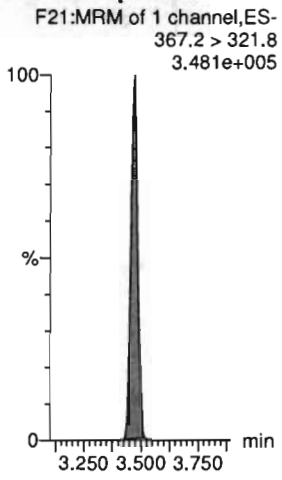
13C3-PFBS-EIS



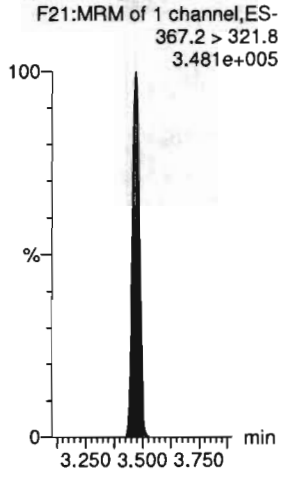
13C3-HFPO-DA-EIS



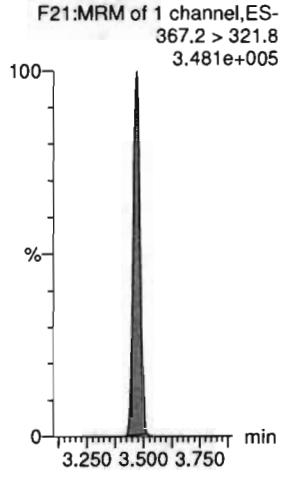
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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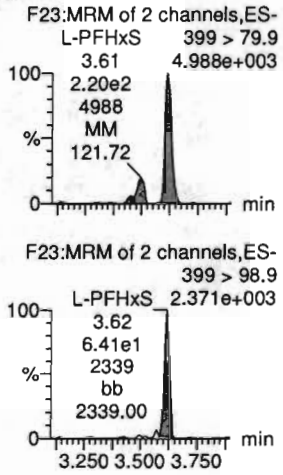
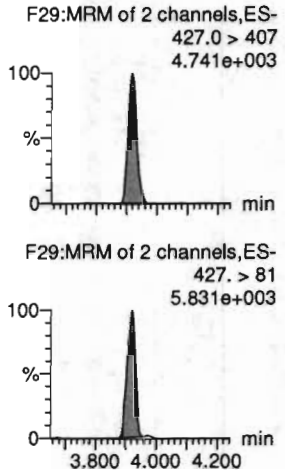
Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

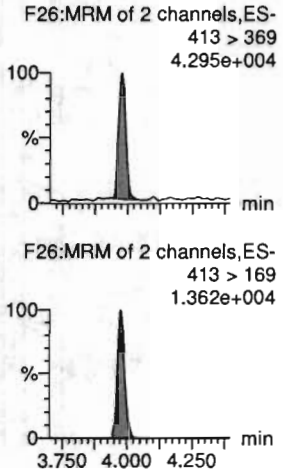
L-PFHxS



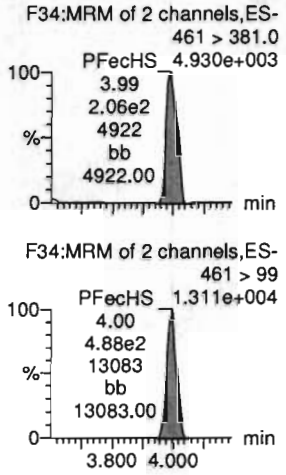
6:2 FTS



L-PFOA



PFEChS



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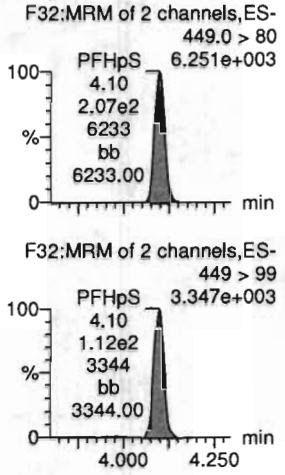
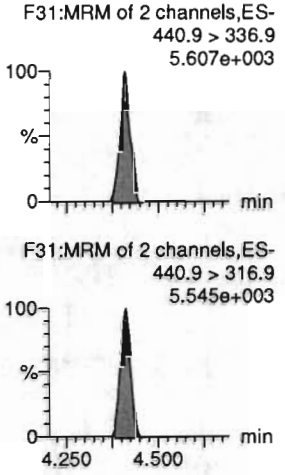
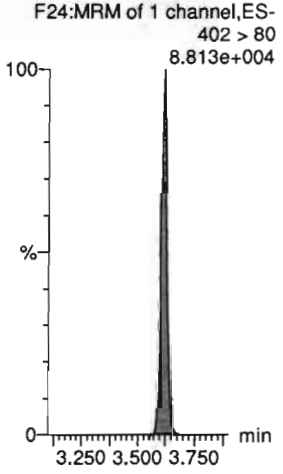


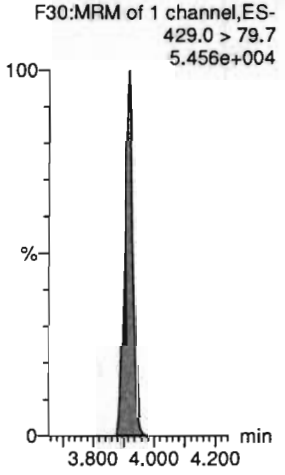
7:3 FTCA



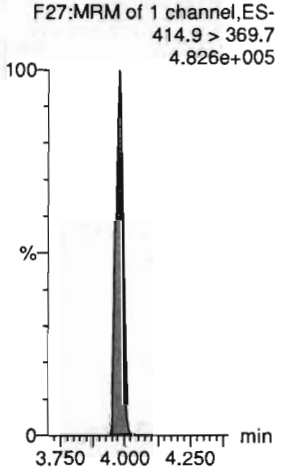
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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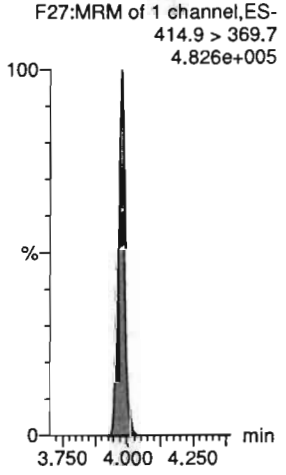
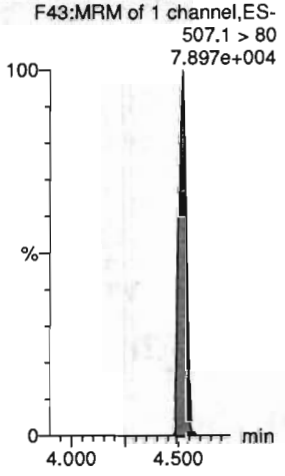
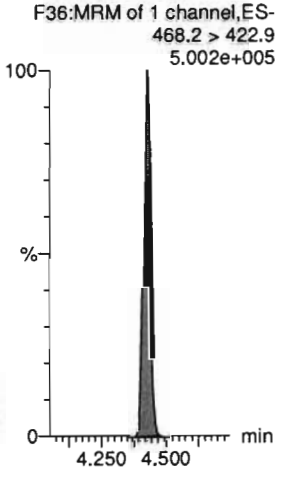


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

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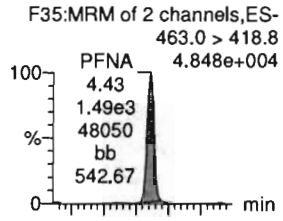

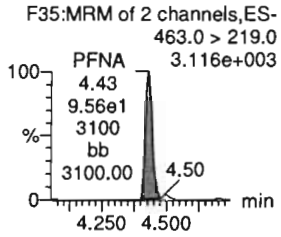

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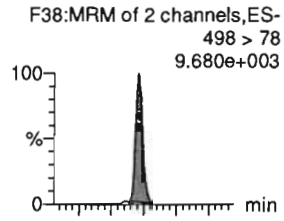
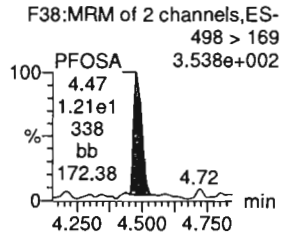
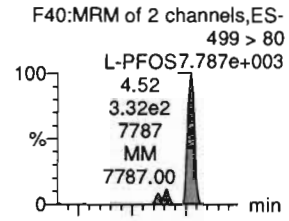
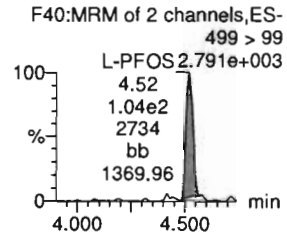


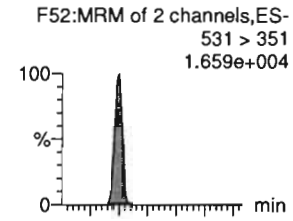


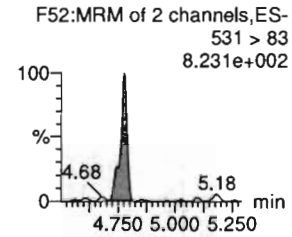
L-PFOS





9Cl-PF30NS





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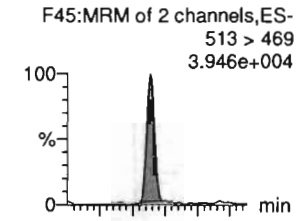
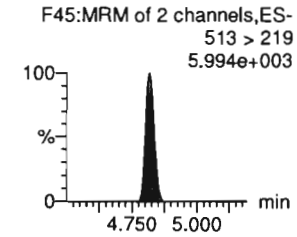
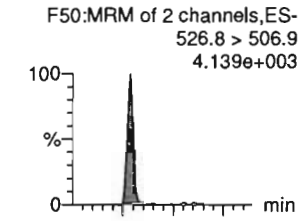
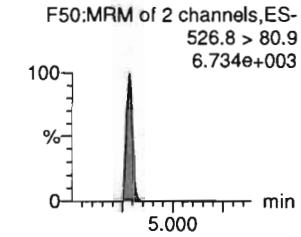


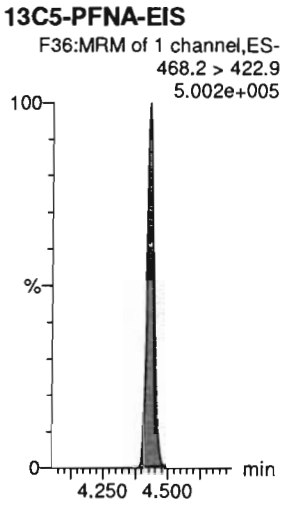


8:2 FTS

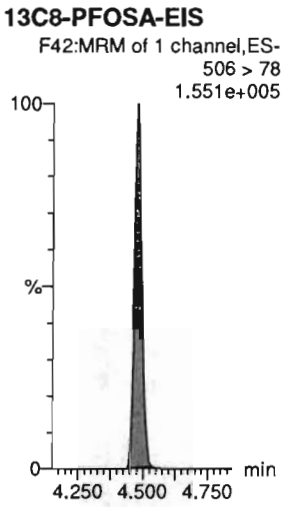




13C5-PFNA-EIS



13C8-PFOSA-EIS



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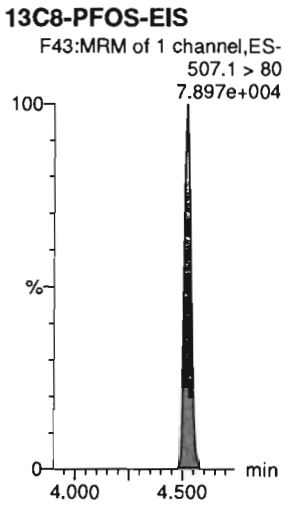
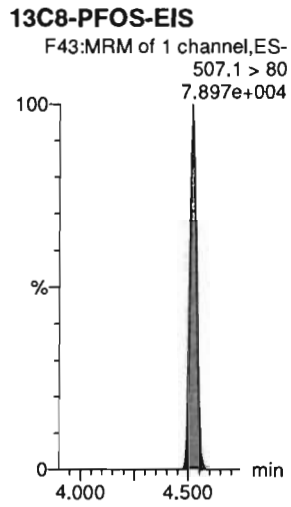
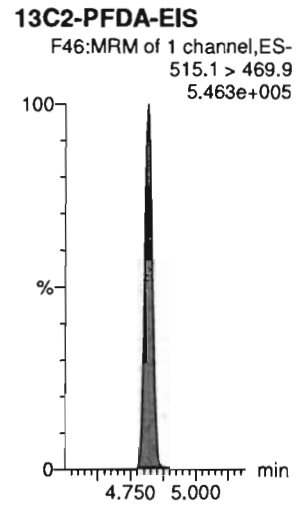


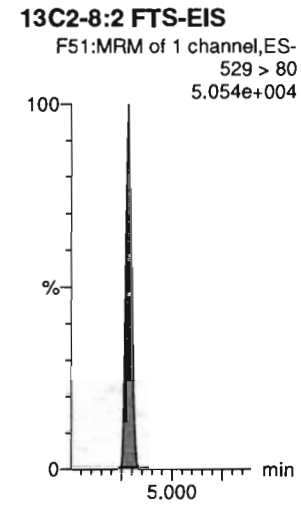
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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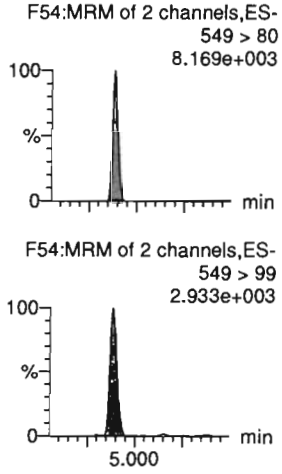

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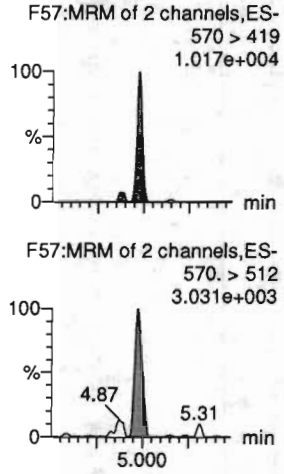

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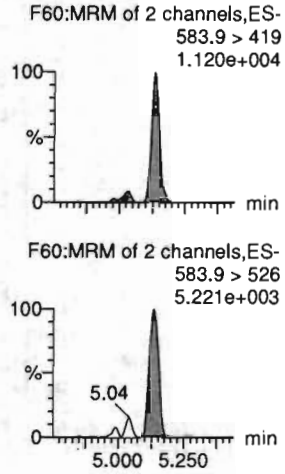
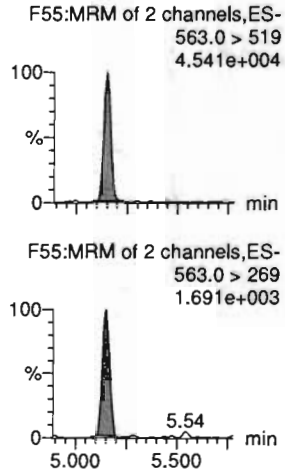


PFUdA



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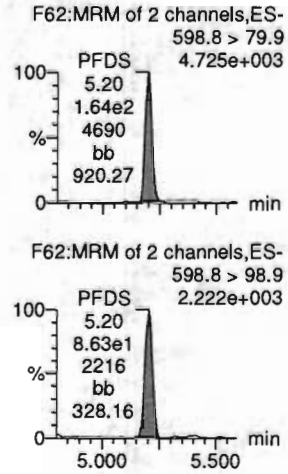
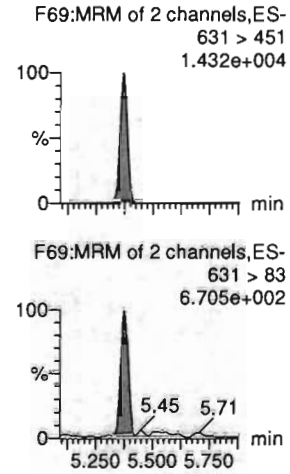
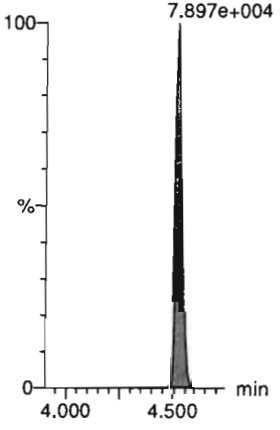


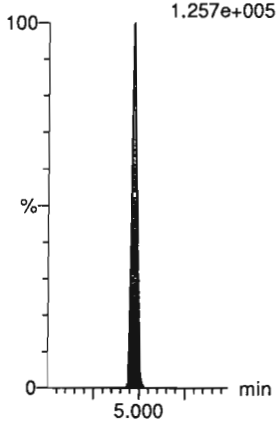
11Cl-PF30UdS



13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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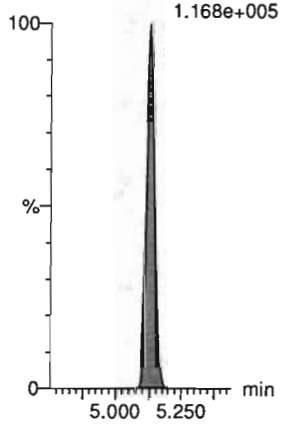

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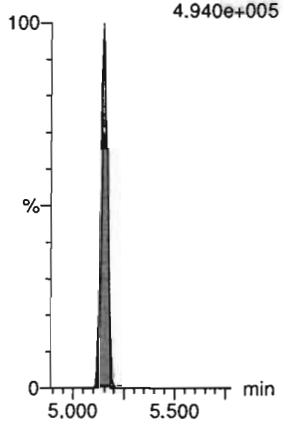

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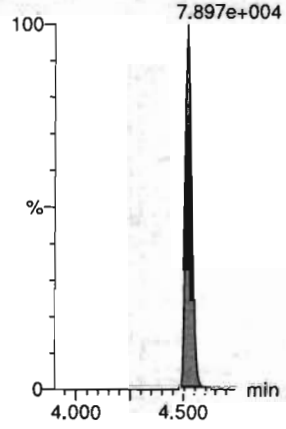

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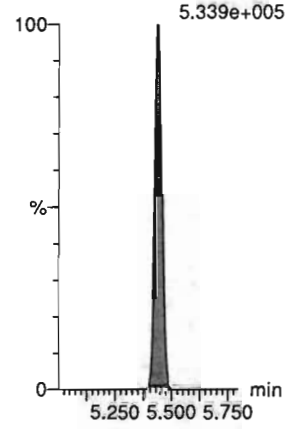

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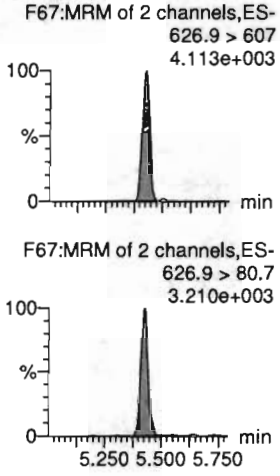
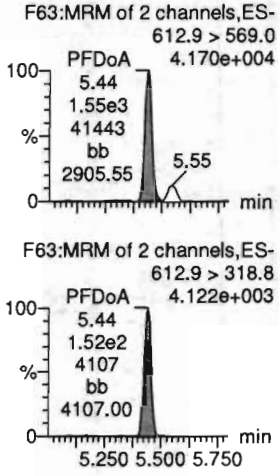
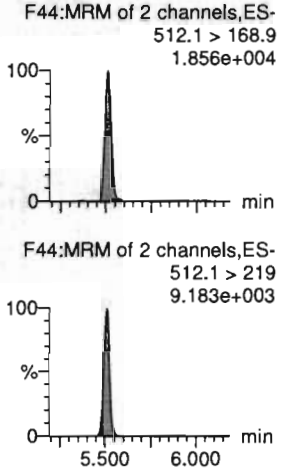
10:2 FTS



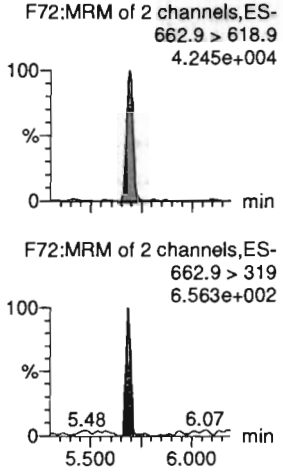
PFDoA



N-MeFOSA



PFTrDA



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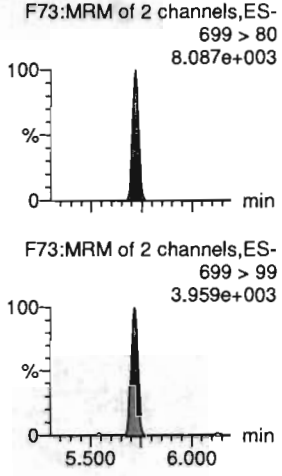

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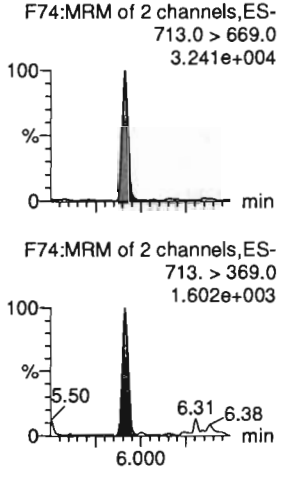

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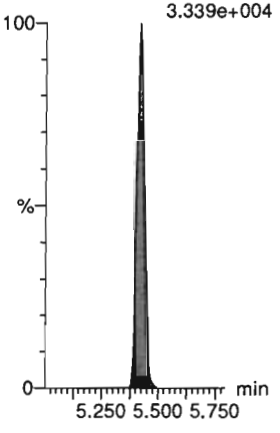

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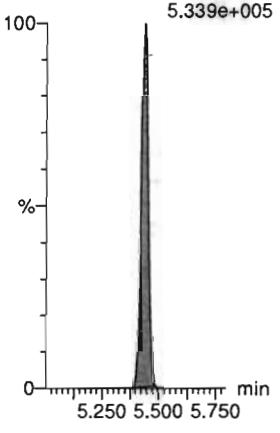

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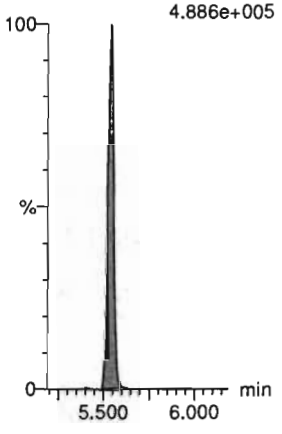

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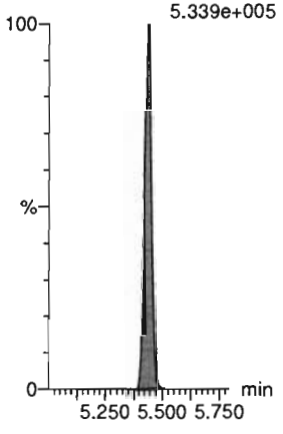
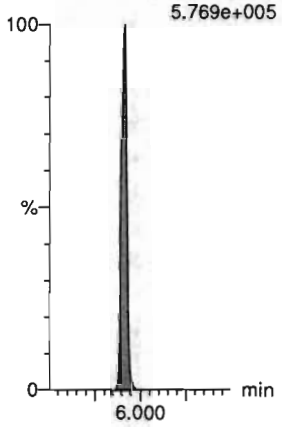


13C2-PFTeDA-EIS



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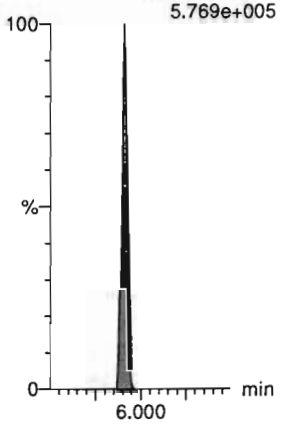

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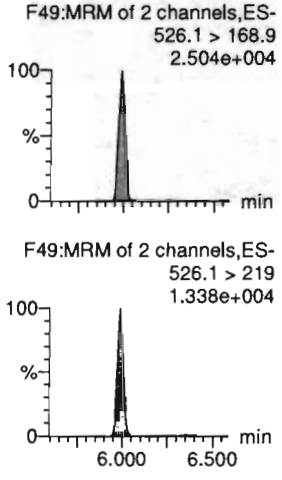
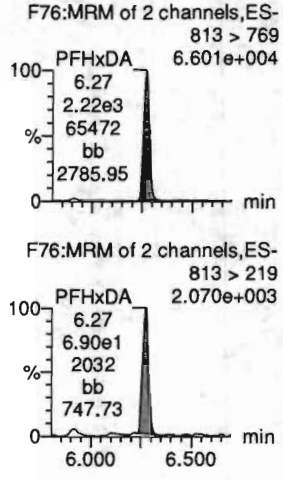
Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

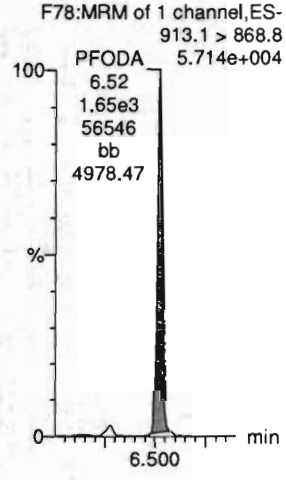
N-EtFOSA



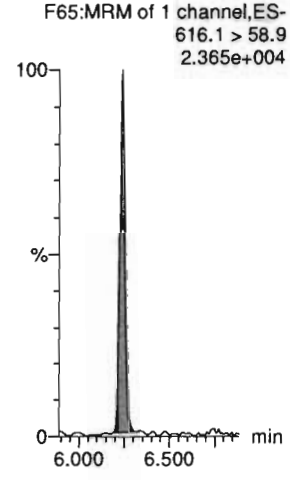
PFHxDA



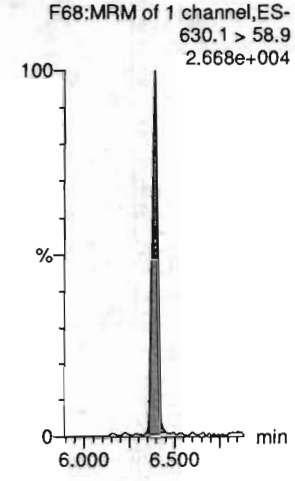
PFODA



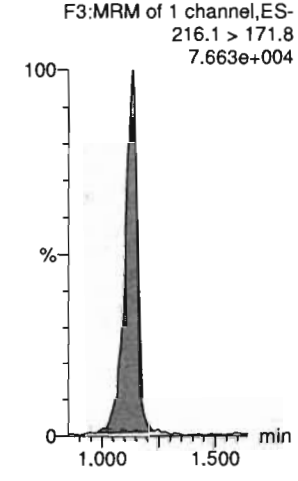
N-MeFOSE



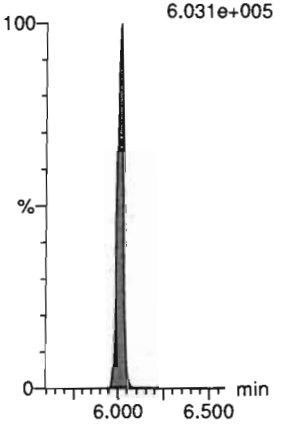
N-EtFOSE



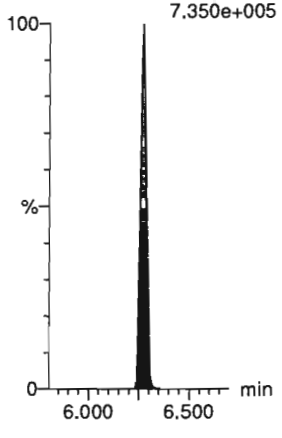
13C3-PFBA-RSD



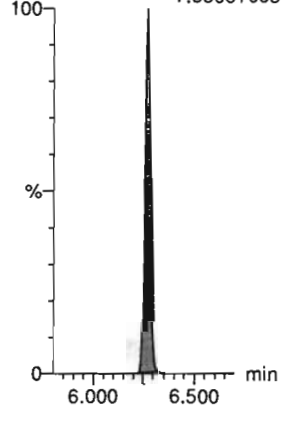
d5-N-ETFOSA-EIS



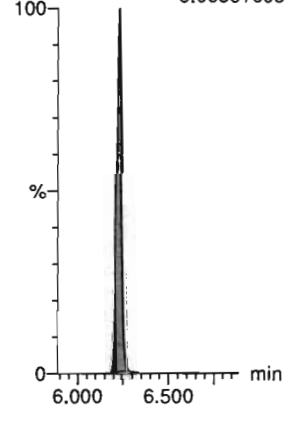
13C2-PFHxDA-EIS



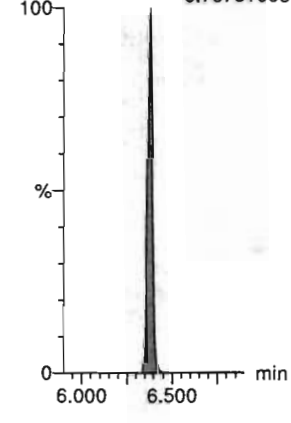
13C2-PFHxDA-EIS



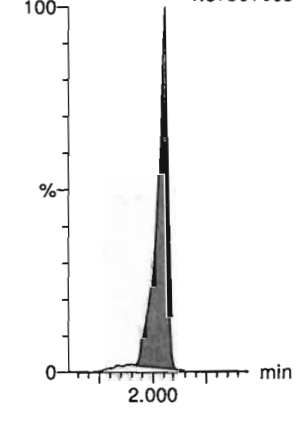
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

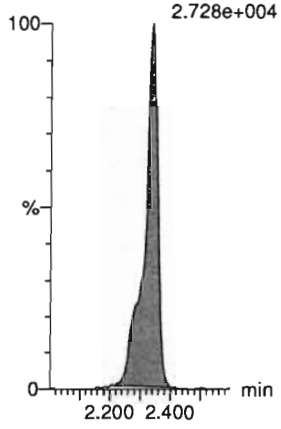


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

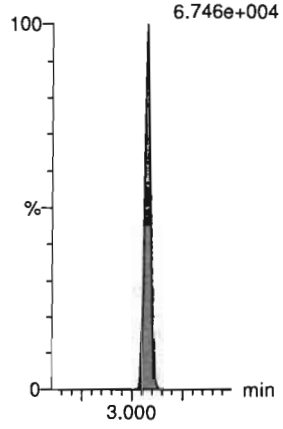
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

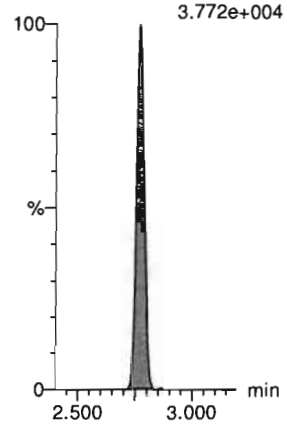
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.728e+004



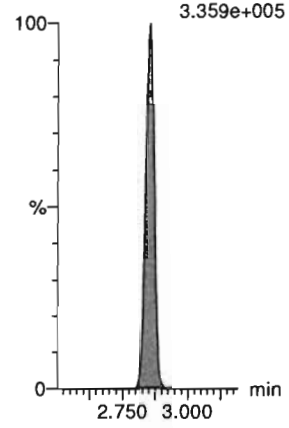
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.746e+004



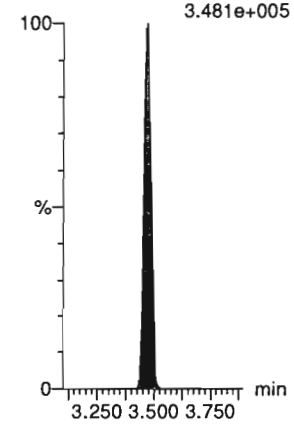
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.772e+004



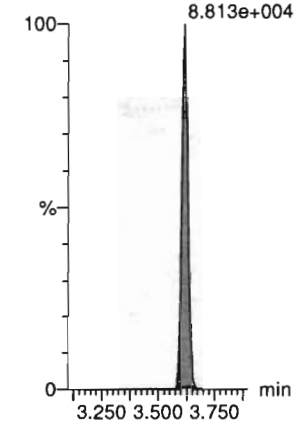
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.359e+005



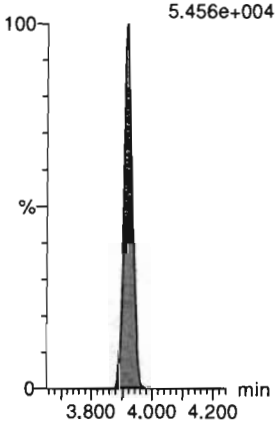
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.481e+005



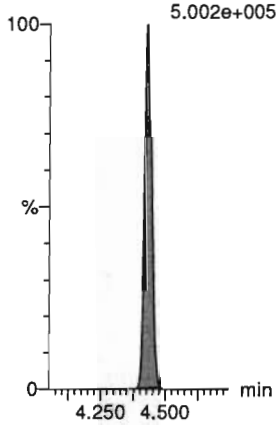
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.813e+004



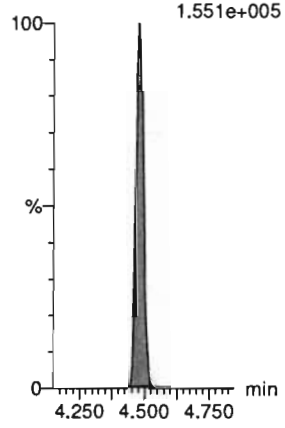
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.456e+004



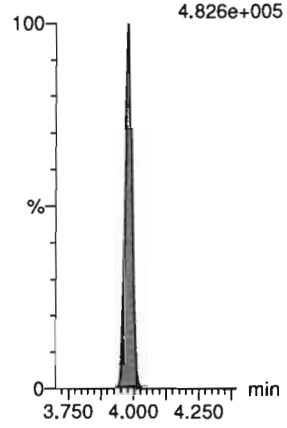
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.002e+005



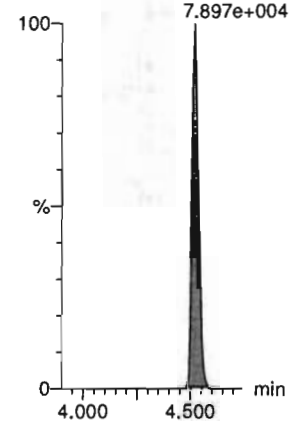
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.551e+005



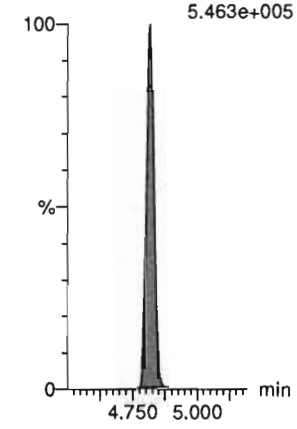
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.826e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.897e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.463e+005

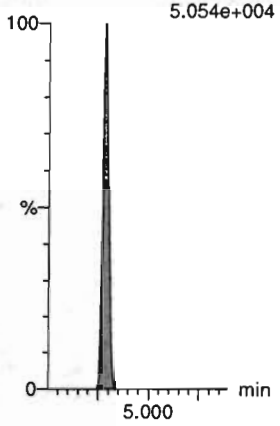


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

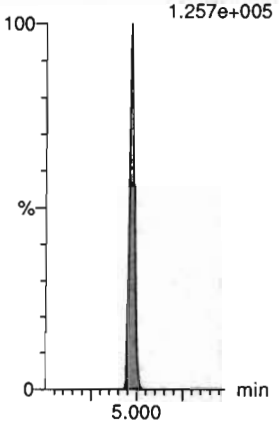
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

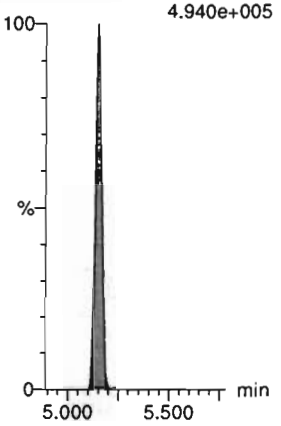
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
5.054e+004



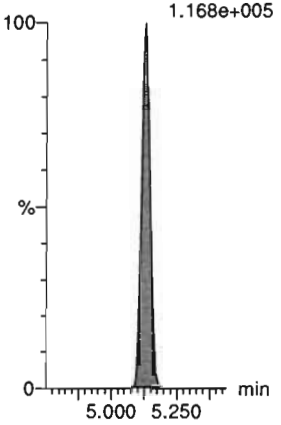
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.257e+005



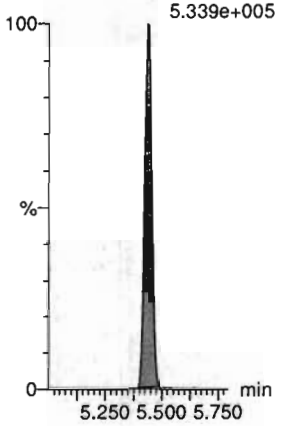
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.940e+005



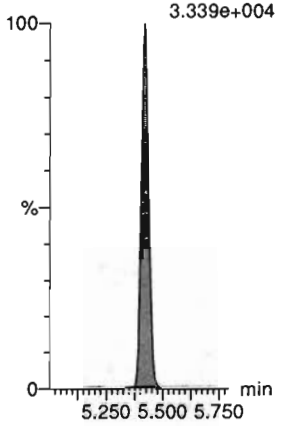
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.168e+005



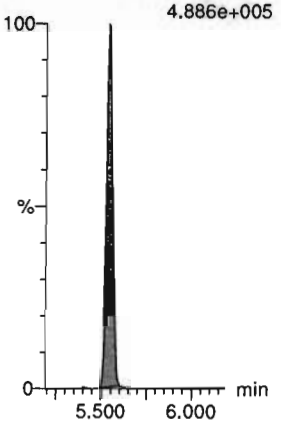
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.339e+005



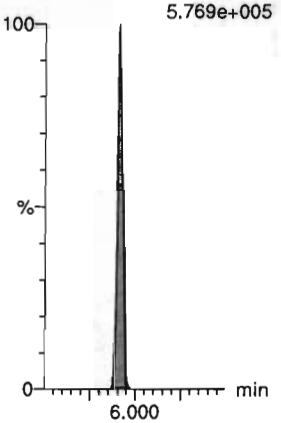
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.339e+004



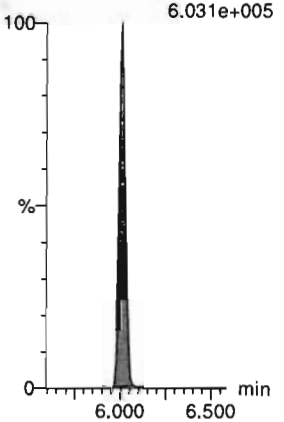
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.886e+005



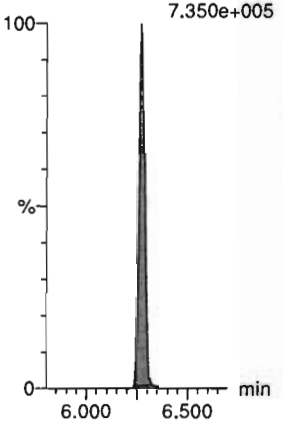
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.769e+005



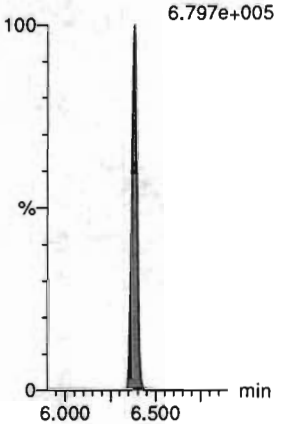
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.031e+005



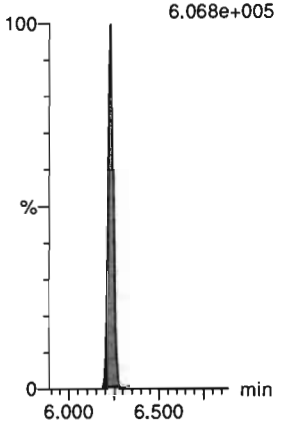
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.350e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.797e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.068e+005



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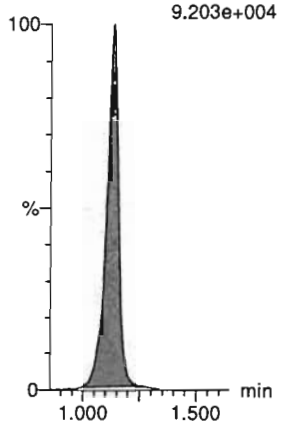
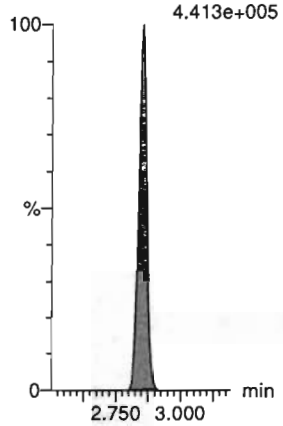
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-7, Date: 23-Jun-2020, Time: 11:13:55, ID: ST200623P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

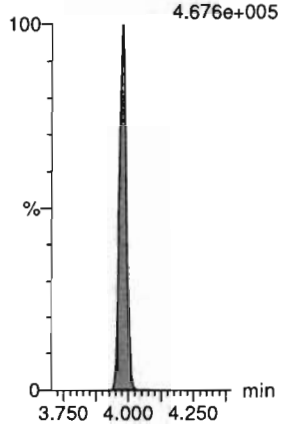
13C4-PFBA



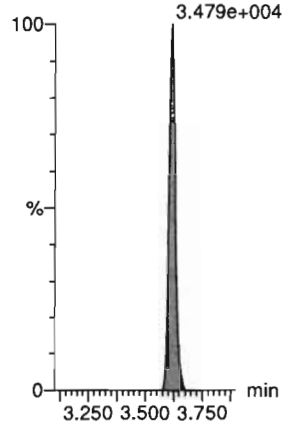
13C5-PFHxA



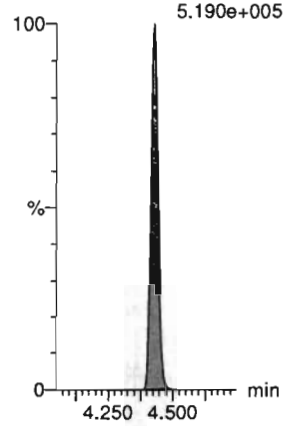
13C8-PFOA



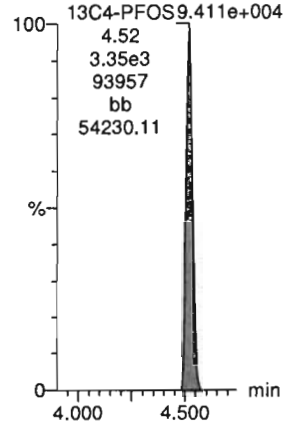
18O2-PFHxS



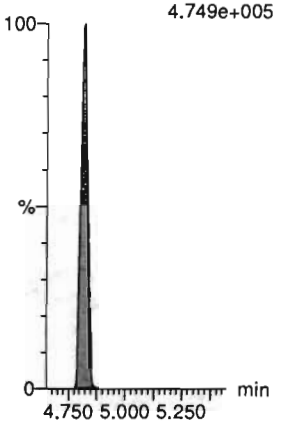
13C9-PFNA



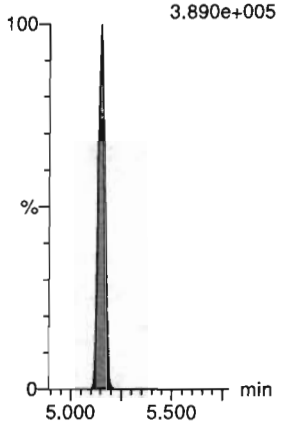
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Tuesday, June 23, 2020 16:18:40 Pacific Daylight Time
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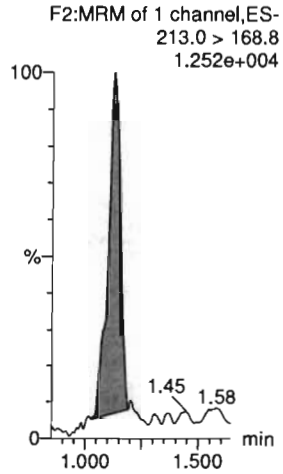
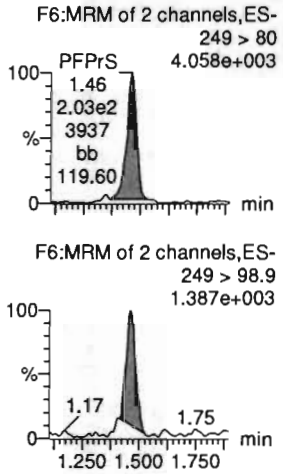
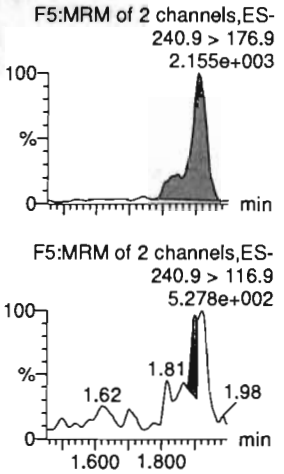
PFBA



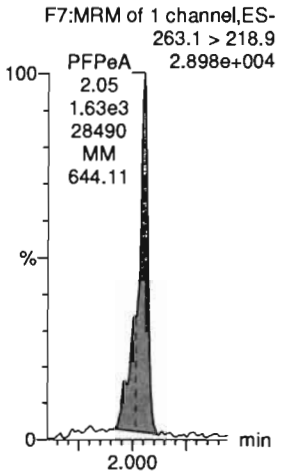
PFPrS



3:3 FTCA



PFPeA



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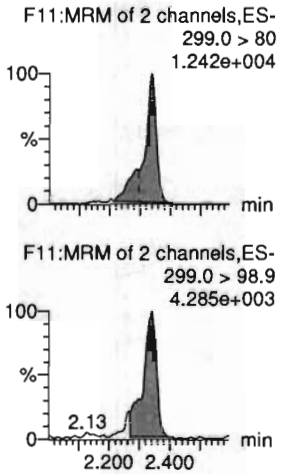
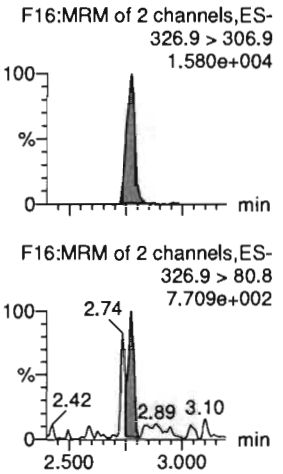
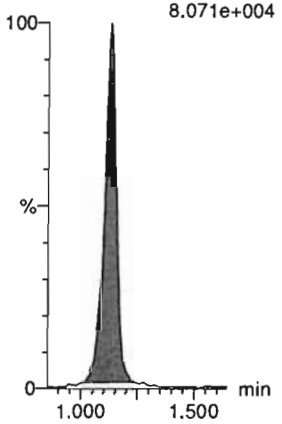


4:2 FTS



13C3-PFBA-EIS



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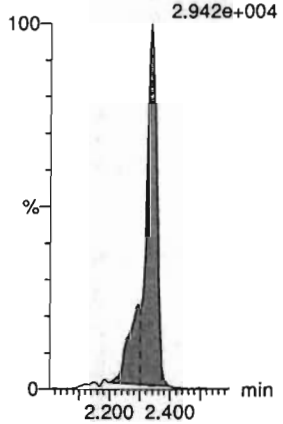

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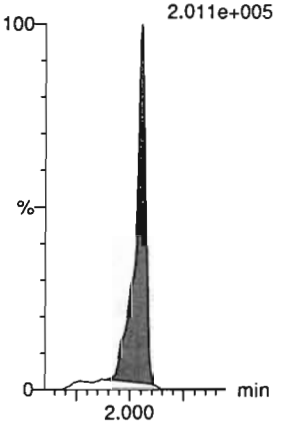

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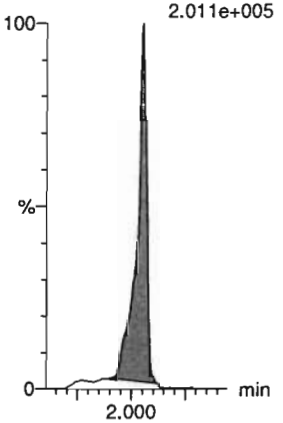

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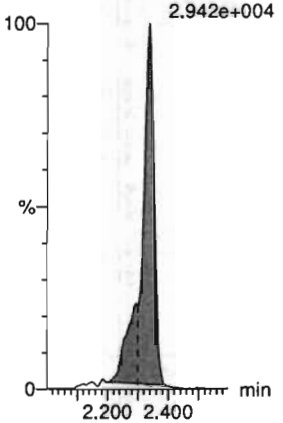
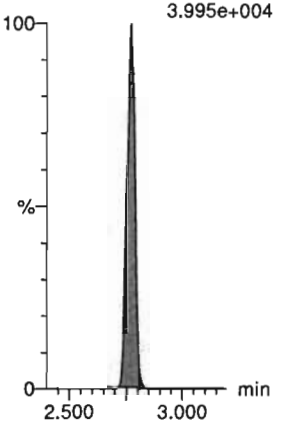


13C2-4:2 FTS-EIS



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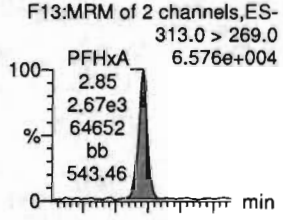
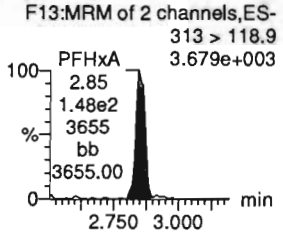
Printed: Tuesday, June 23, 2020 16:24:14 Pacific Daylight Time

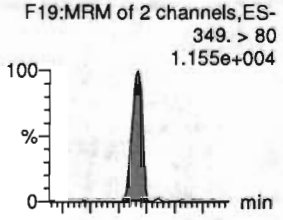
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

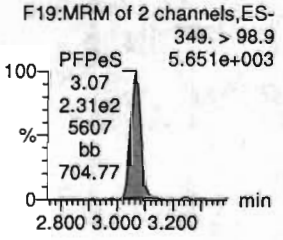
PFHxA



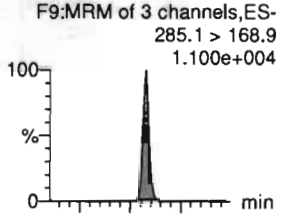


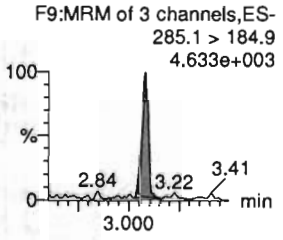
PFPeS



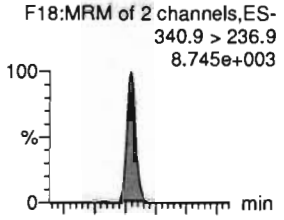


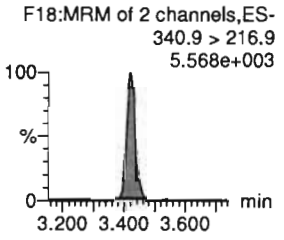
HFPO-DA





5:3 FTCA





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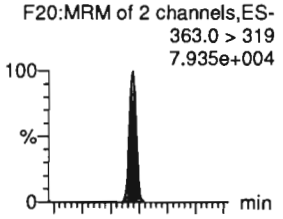
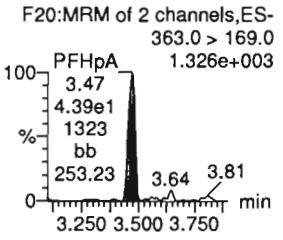
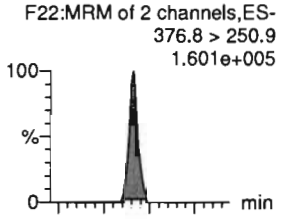
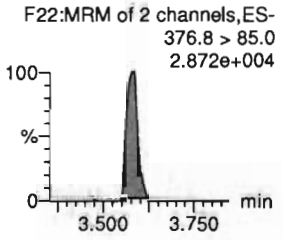


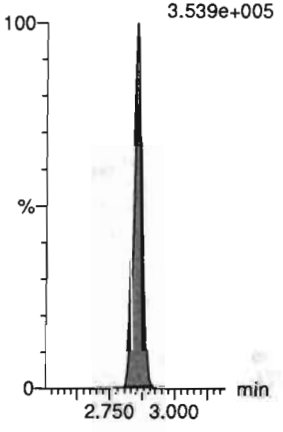


ADONA

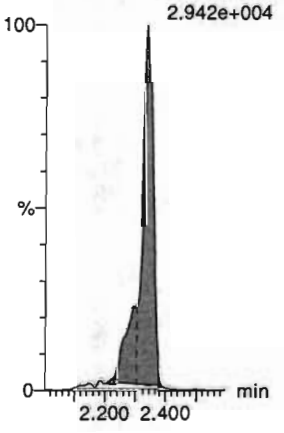




13C2-PFHxA-EIS



13C3-PFBS-EIS



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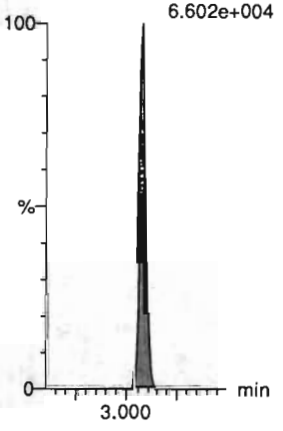
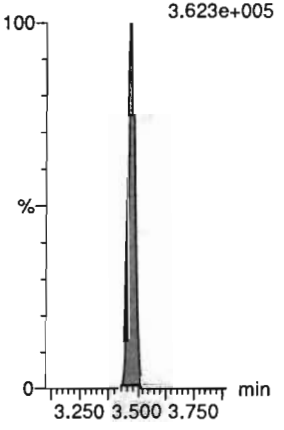


13C4-PFHpA-EIS



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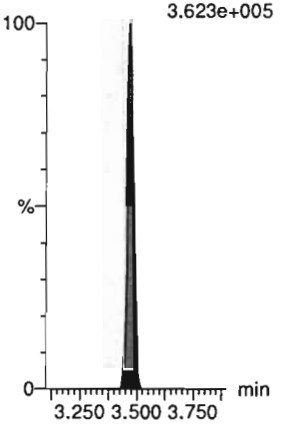

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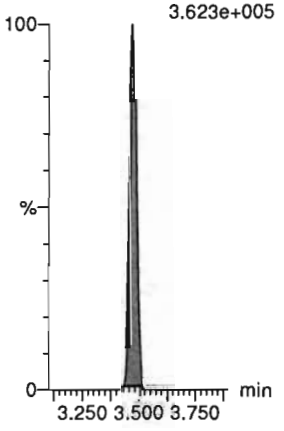

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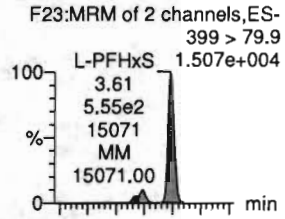
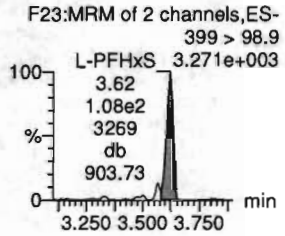
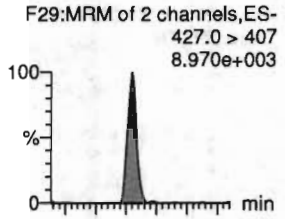
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

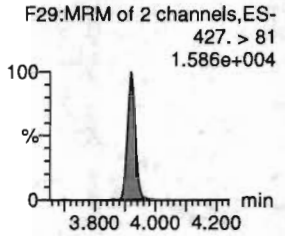
L-PFHxS



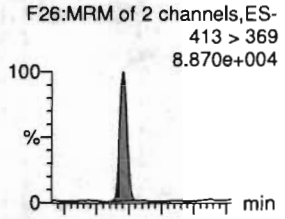


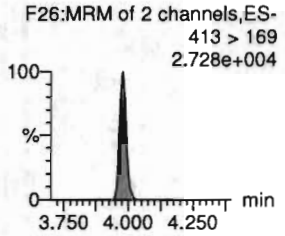
6:2 FTS



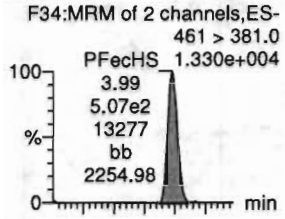


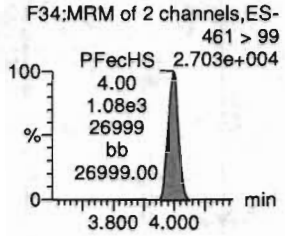
L-PFOA



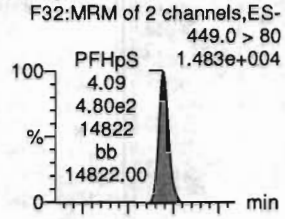


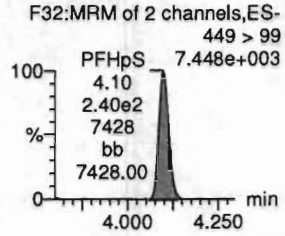
PFEChS



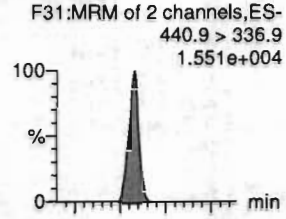


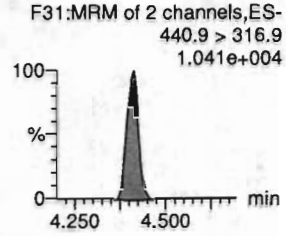
PFHpS



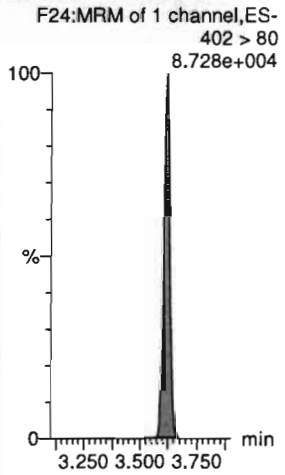


7:3 FTCA

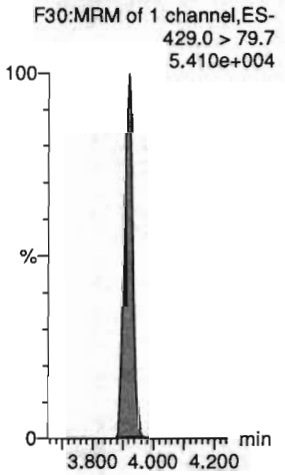




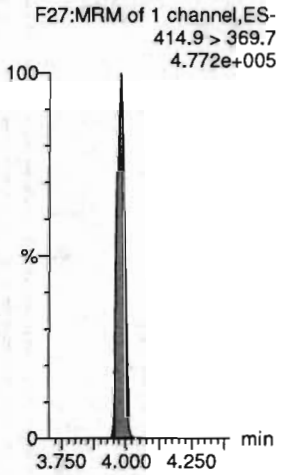
13C3-PFHxS-EIS



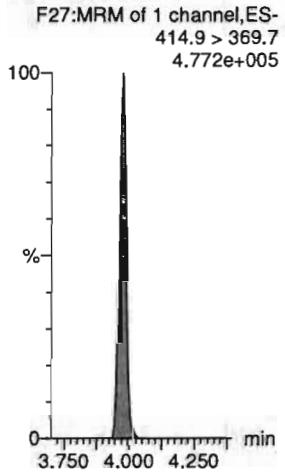
13C2-6:2 FTS-EIS



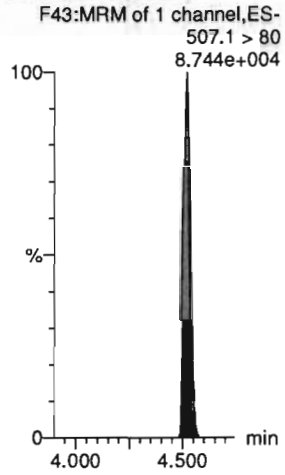
13C2-PFOA-EIS



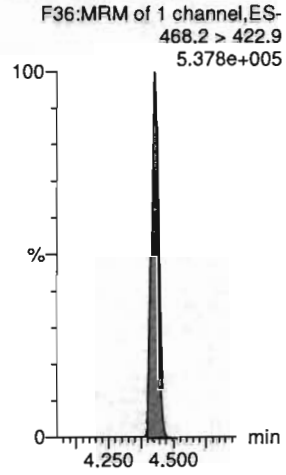
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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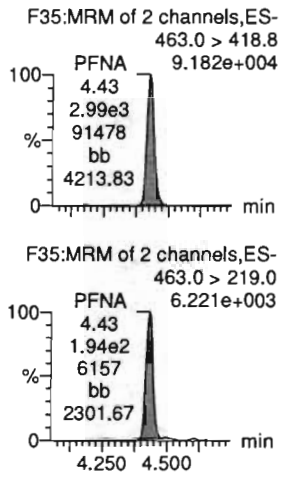
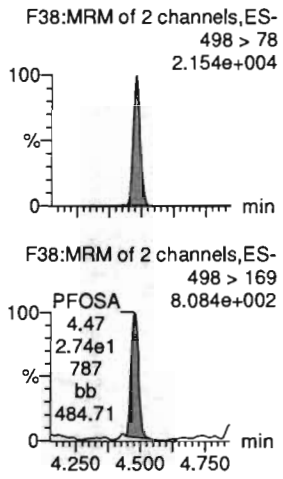
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

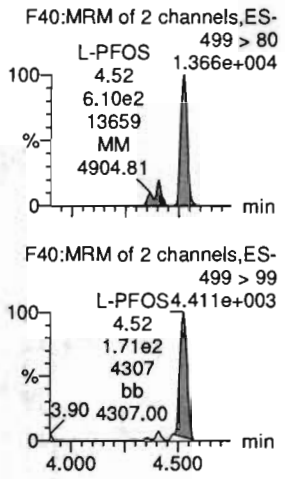
PFNA



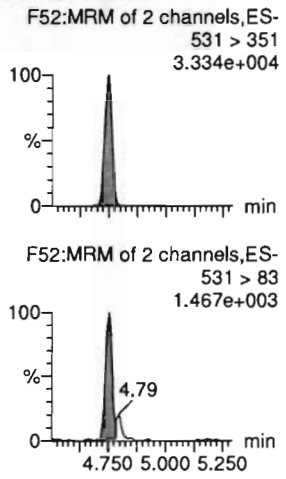
PFOSA



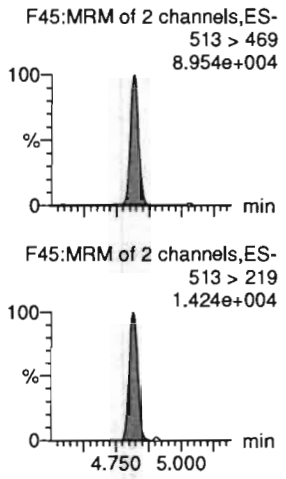
L-PFOS



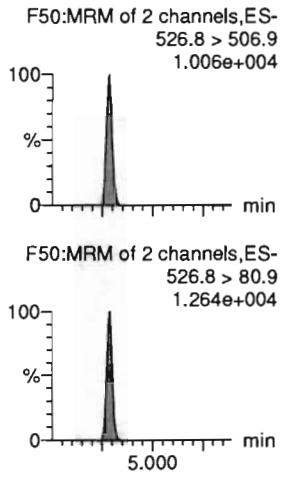
9Cl-PF30NS



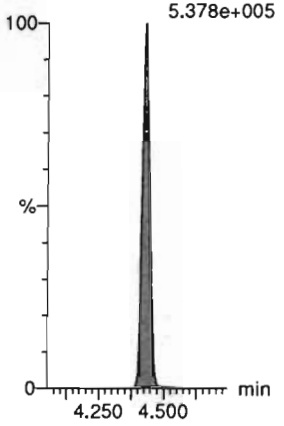
PFDA



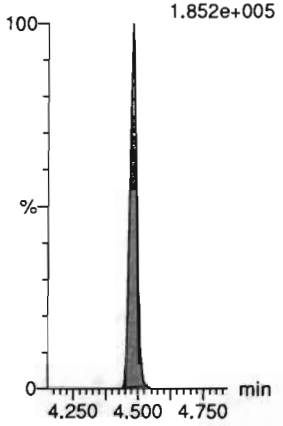
8:2 FTS



13C5-PFNA-EIS



13C8-PFOSA-EIS



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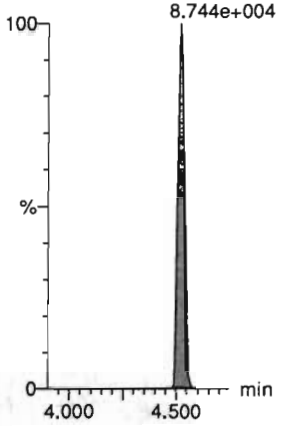

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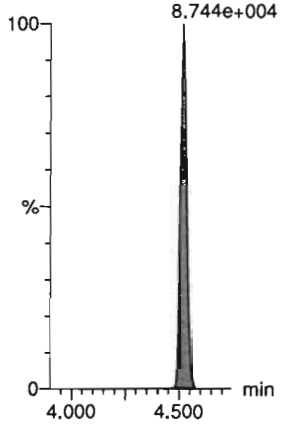

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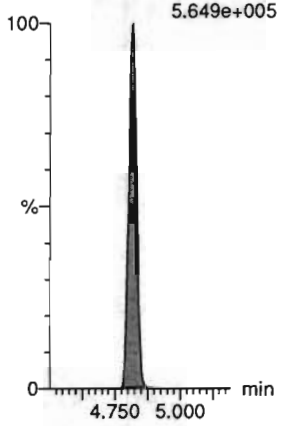
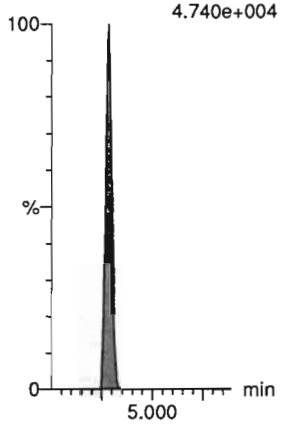


13C2-8:2 FTS-EIS



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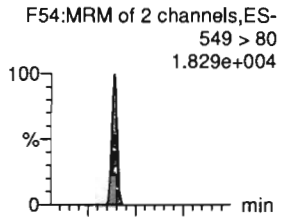
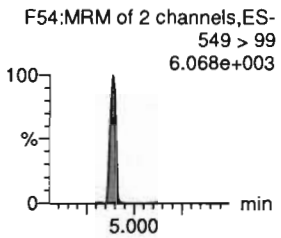
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

PFNS





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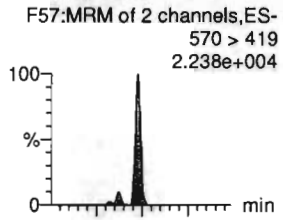

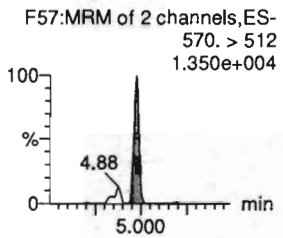

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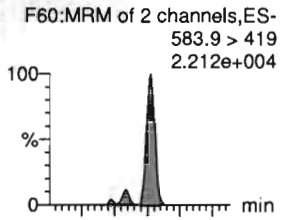
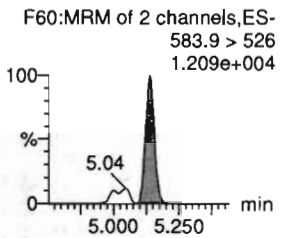
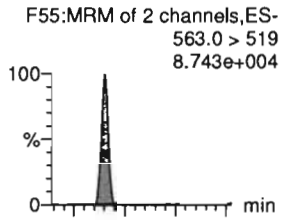
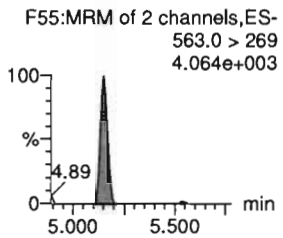




PFUdA





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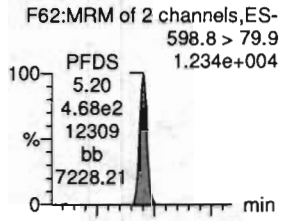

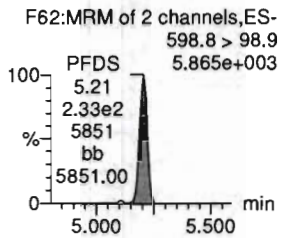

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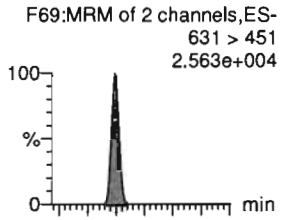

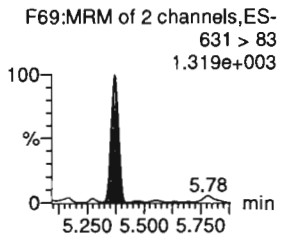

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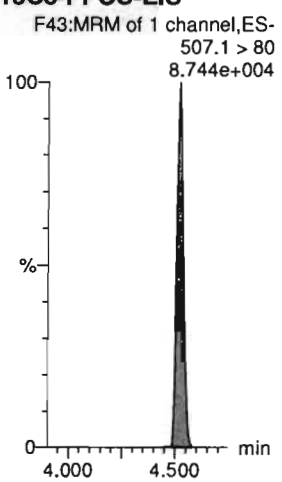

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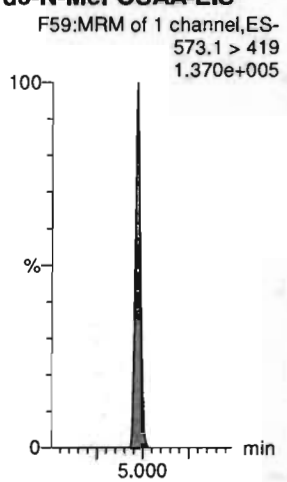

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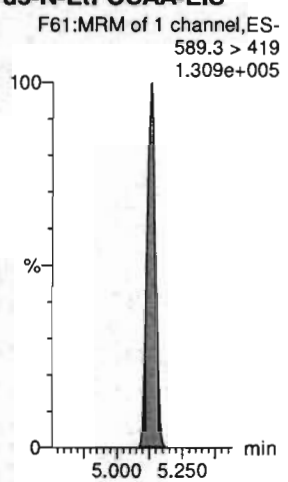

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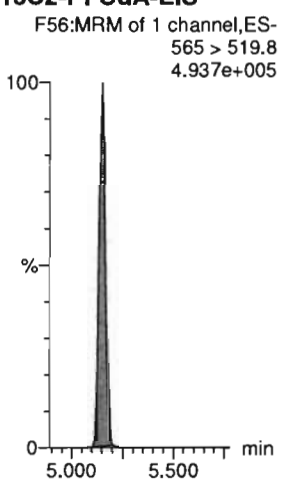

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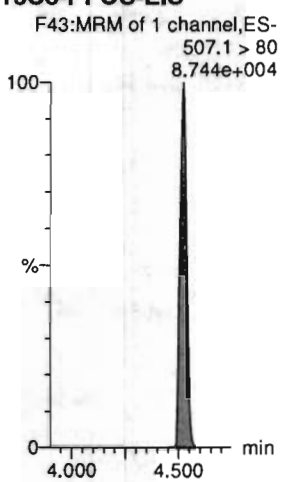

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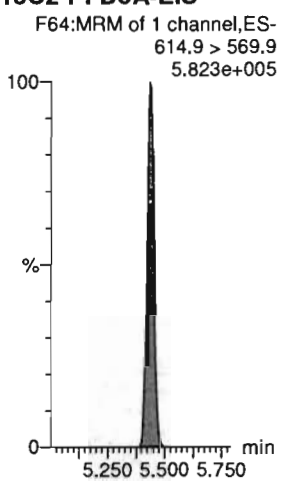

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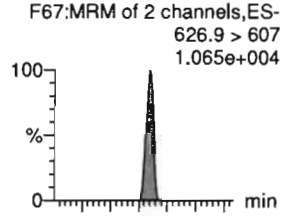
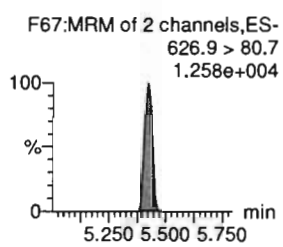
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

10:2 FTS





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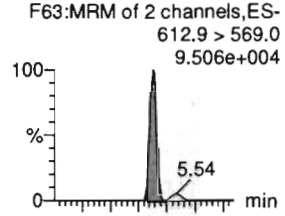

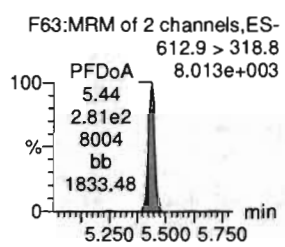

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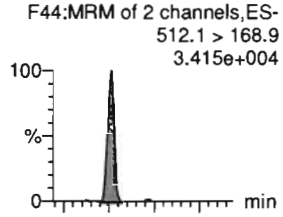

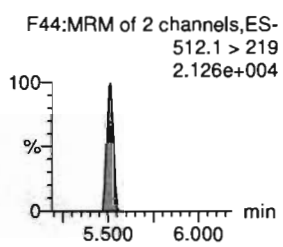

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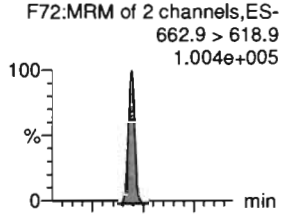

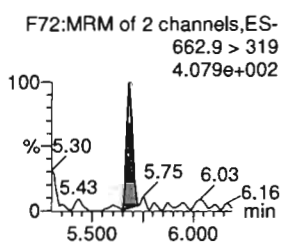

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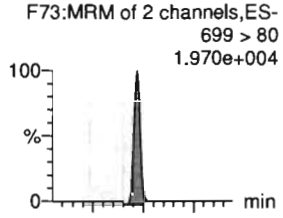

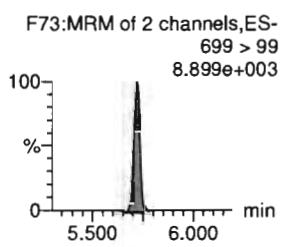

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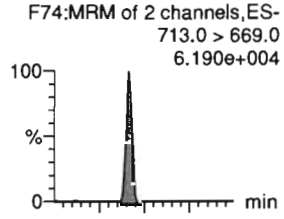

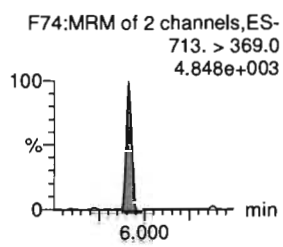

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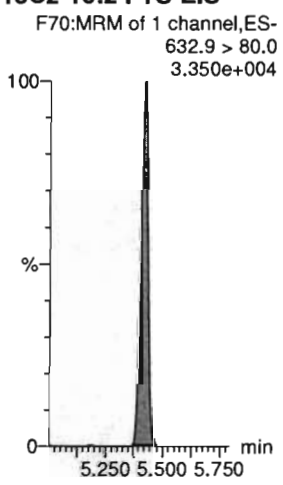

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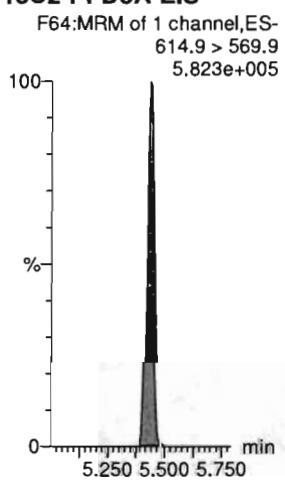
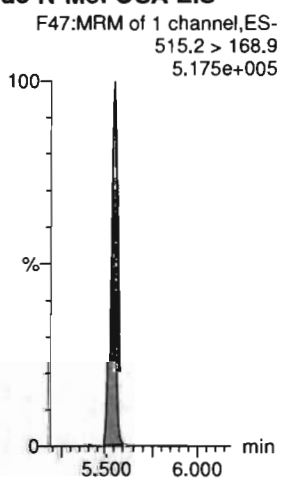


d3-N-MeFOSA-EIS



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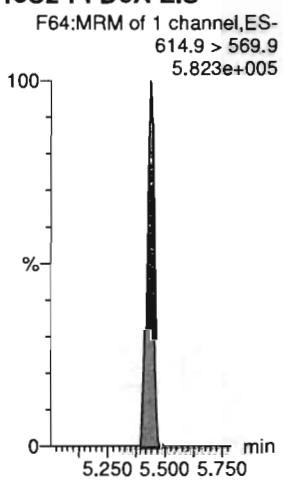

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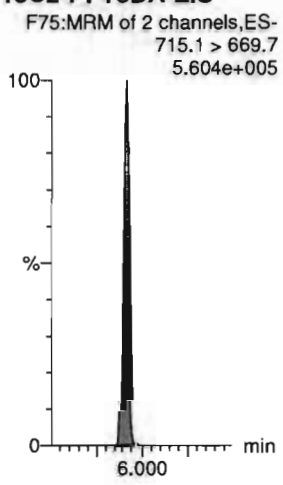

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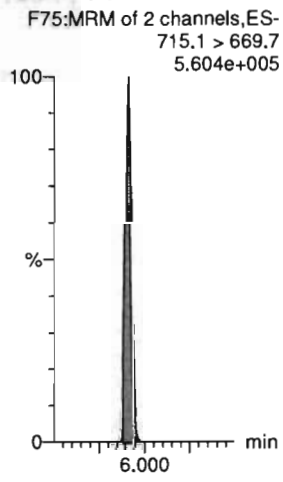

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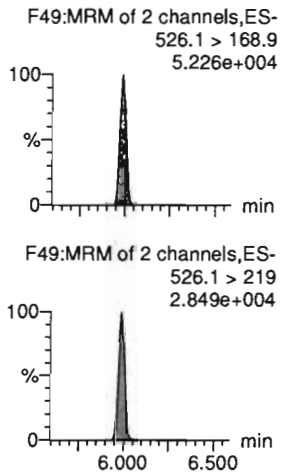
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

N-EtFOSA



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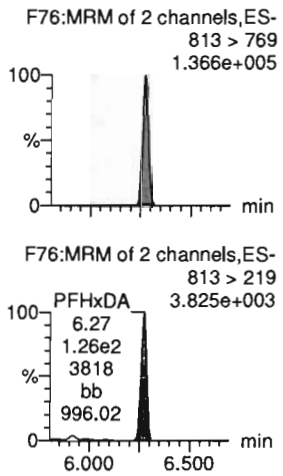

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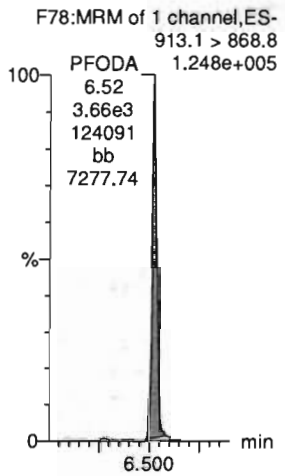
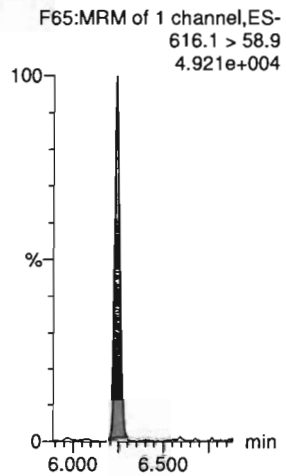


N-MeFOSE



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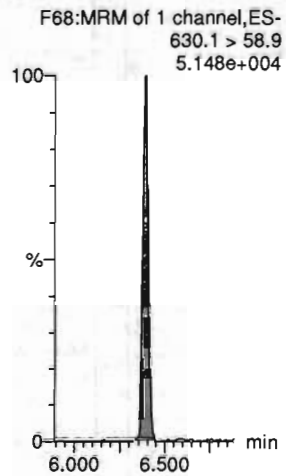

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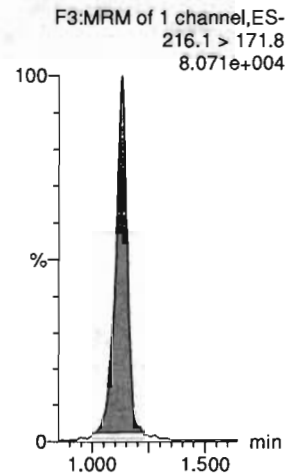
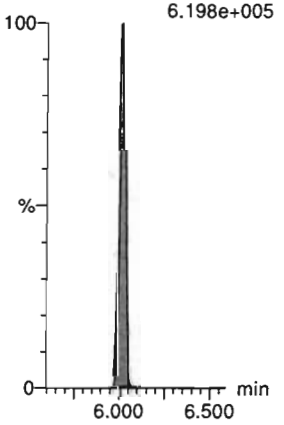


d5-N-ETFOSA-EIS



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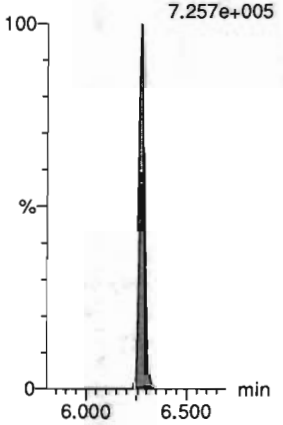

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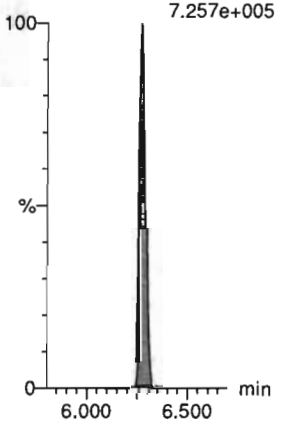

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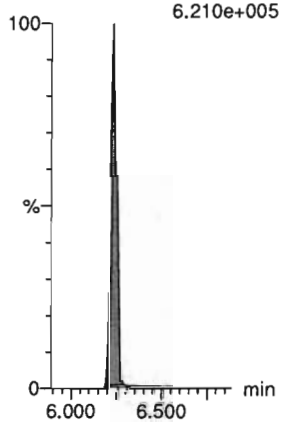

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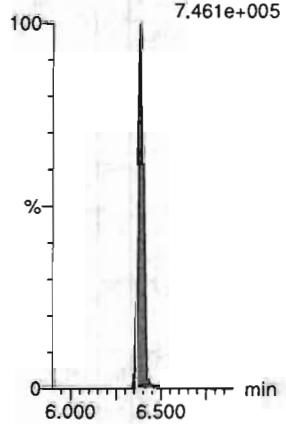
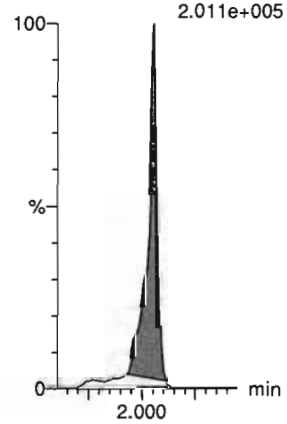


13C3-PFPeA-RSD



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Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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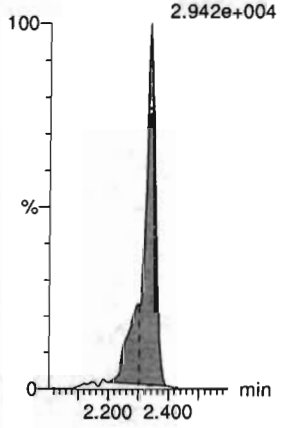
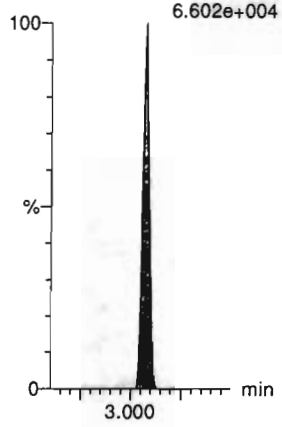
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

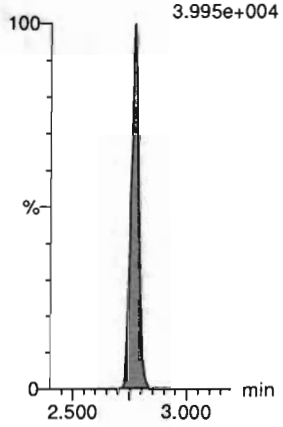
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.942e+004



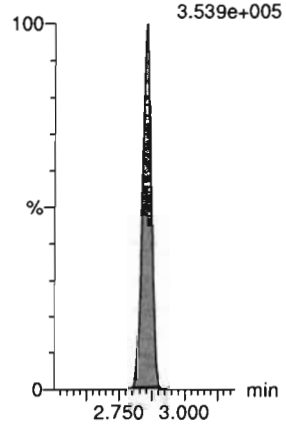
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.602e+004



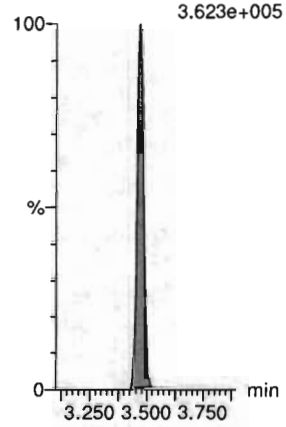
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.995e+004



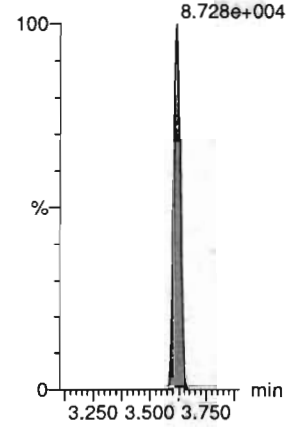
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.539e+005



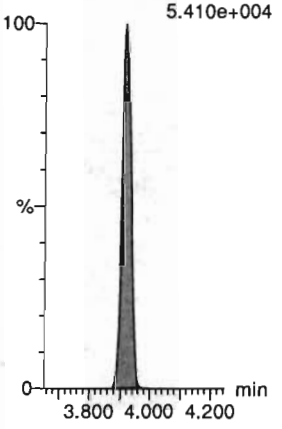
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.623e+005



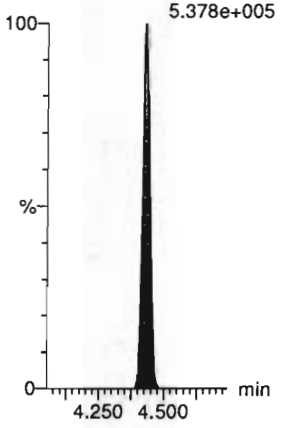
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.728e+004



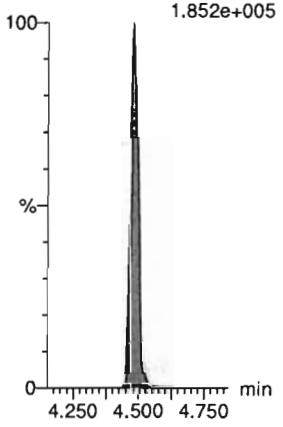
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.410e+004



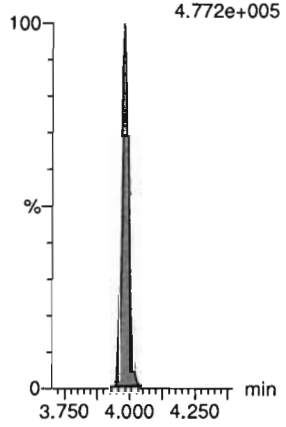
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.378e+005



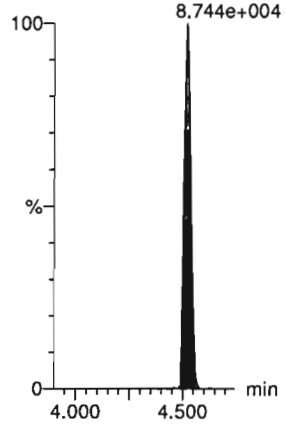
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.852e+005



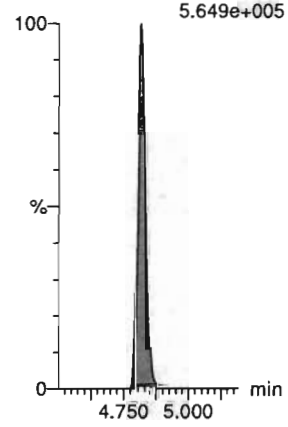
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.772e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.744e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.649e+005



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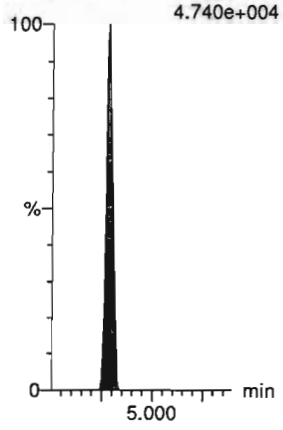
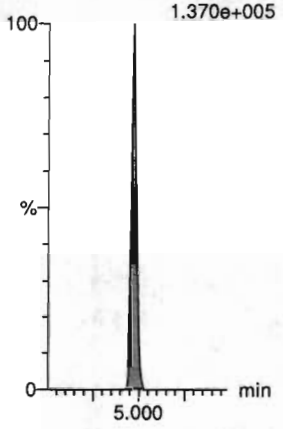
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

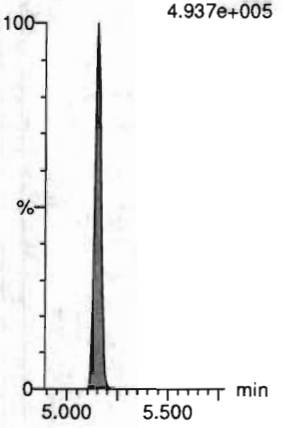
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.740e+004



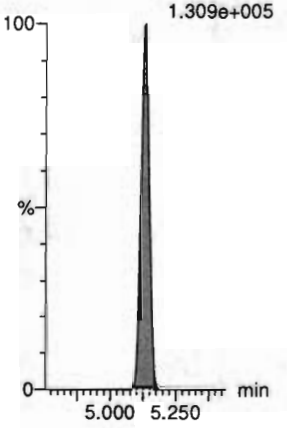
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.370e+005



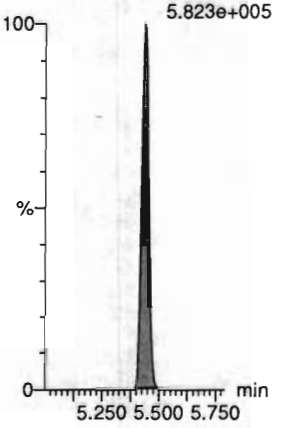
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.937e+005



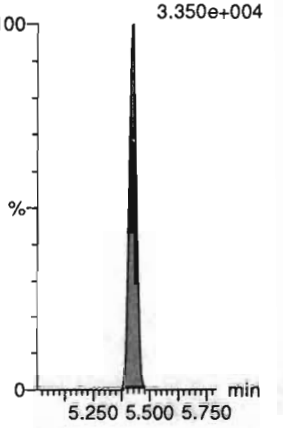
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.309e+005



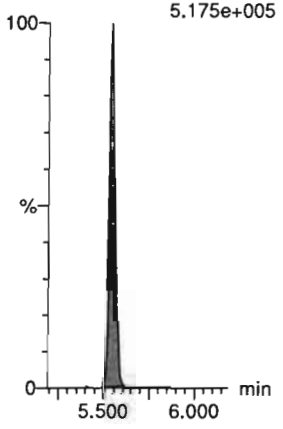
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.823e+005



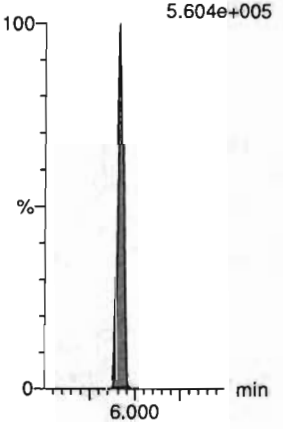
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.350e+004



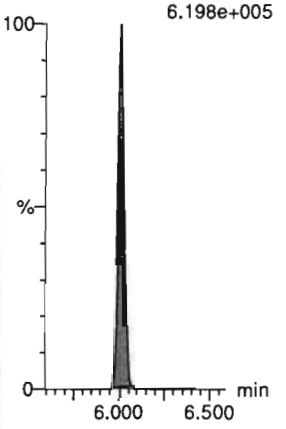
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.175e+005



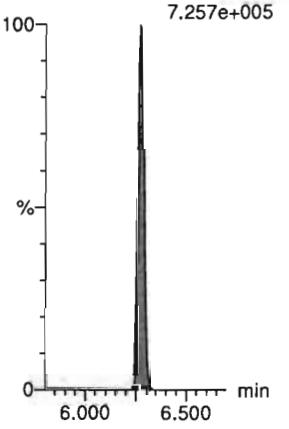
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.604e+005



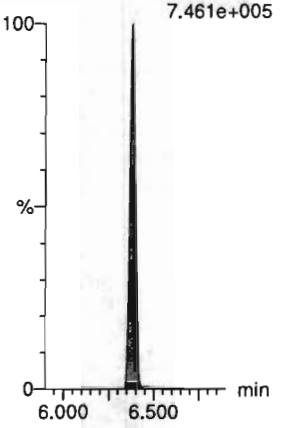
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.198e+005



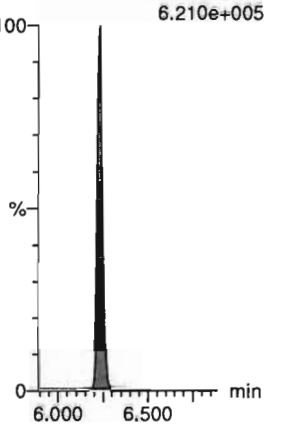
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.257e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.461e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.210e+005



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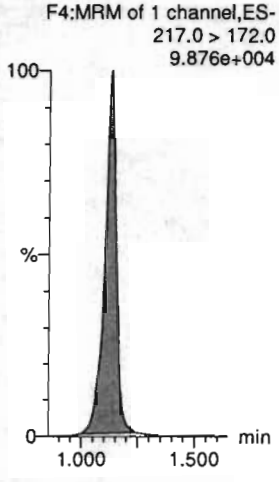
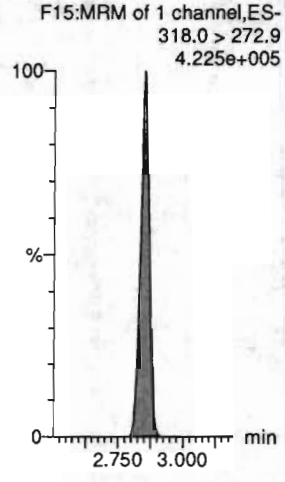
Name: 200623P1-8, Date: 23-Jun-2020, Time: 11:24:25, ID: ST200623P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

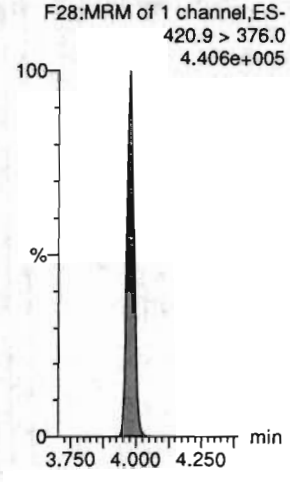
13C4-PFBA



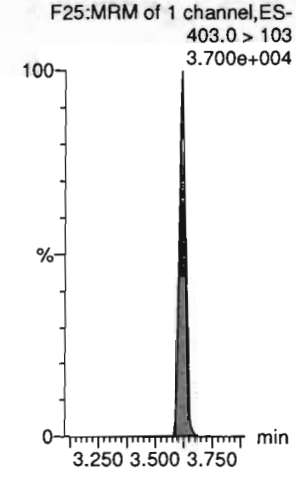
13C5-PFHxA



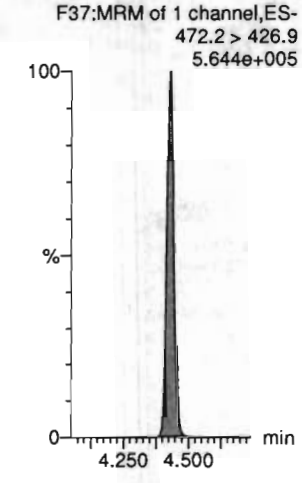
13C8-PFOA



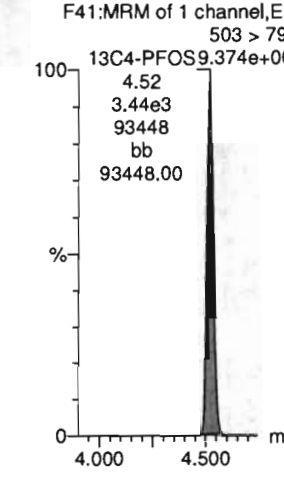
18O2-PFHxS



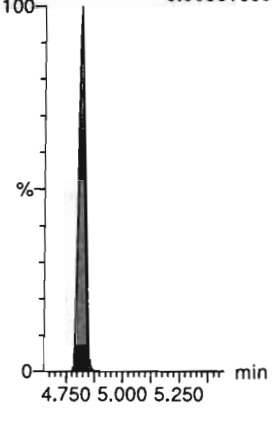
13C9-PFNA



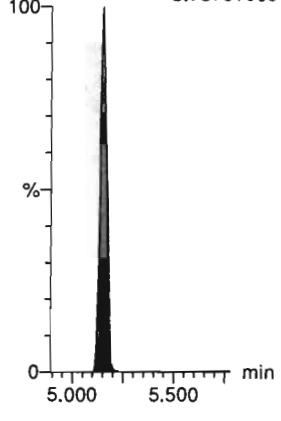
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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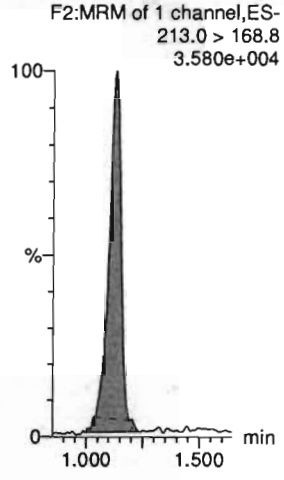
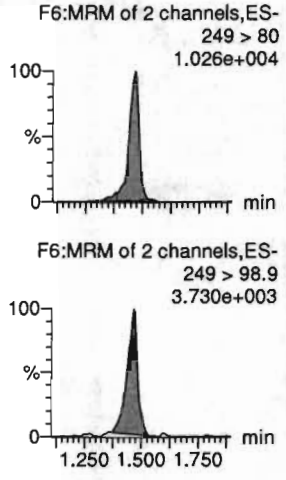
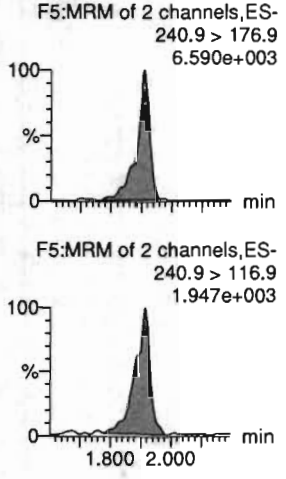
PFBA



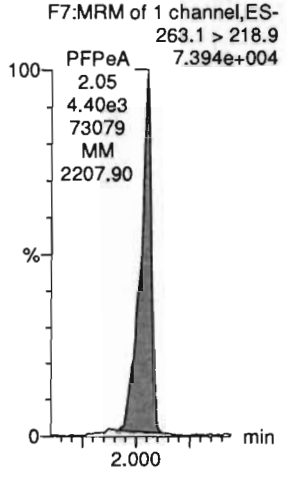
PFPrS



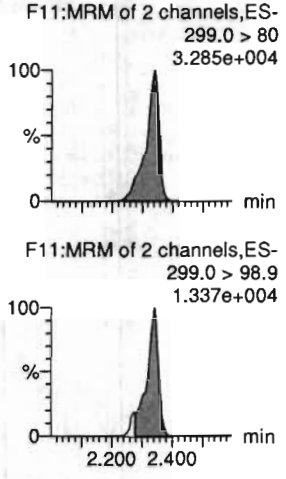
3:3 FTCA



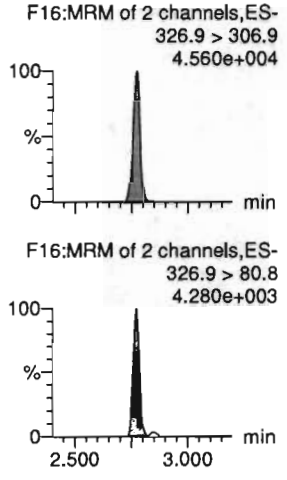
PFPeA



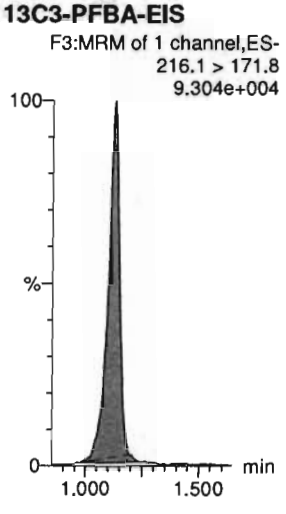
PFBS



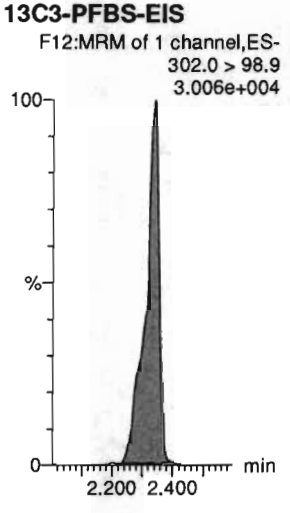
4:2 FTS



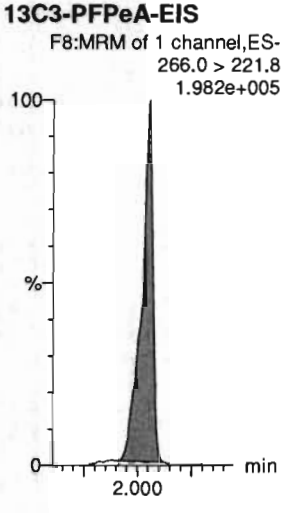
13C3-PFBA-EIS



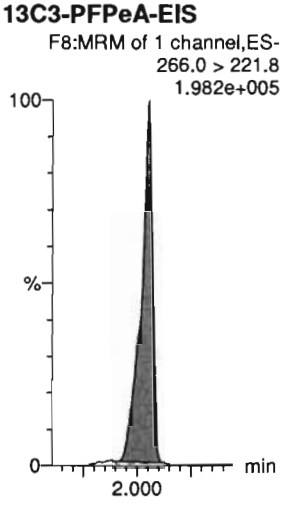
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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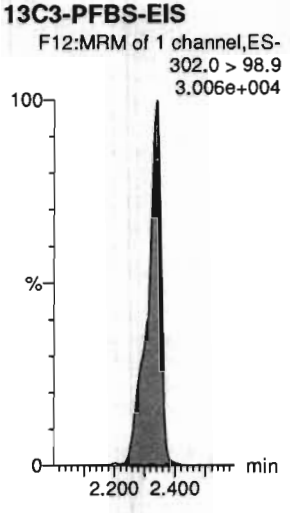
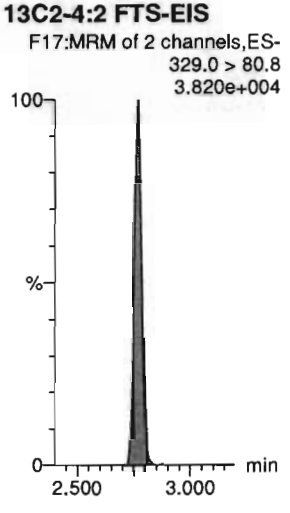


13C2-4:2 FTS-EIS



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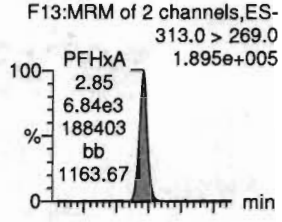
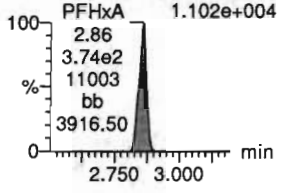
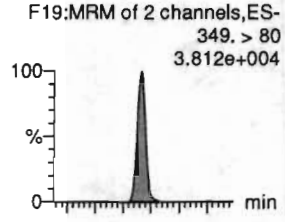
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

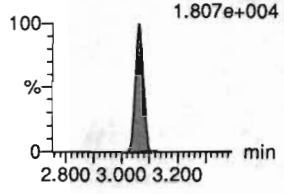
PFHxA



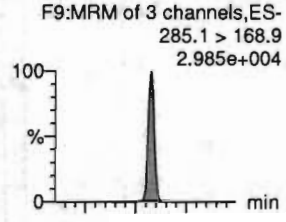


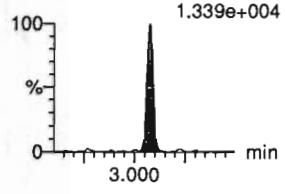
PFPeS



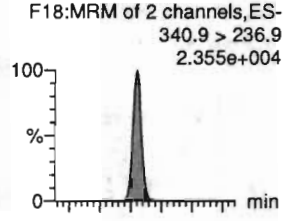


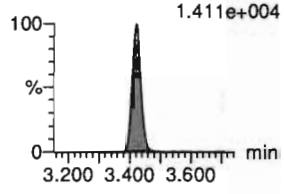
HFPO-DA



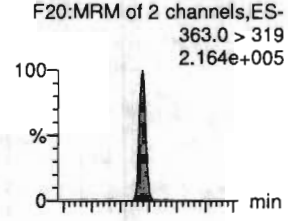


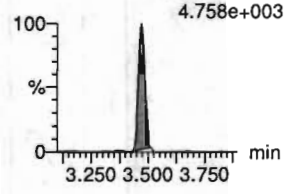
5:3 FTCA



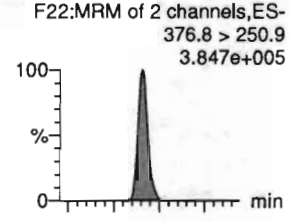


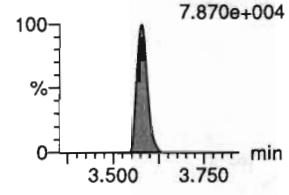
PFHpA



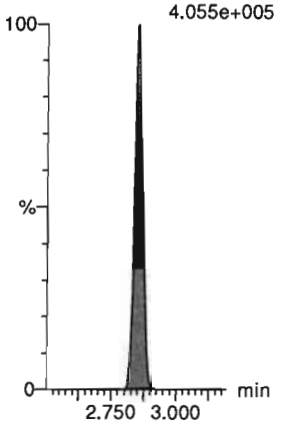


ADONA

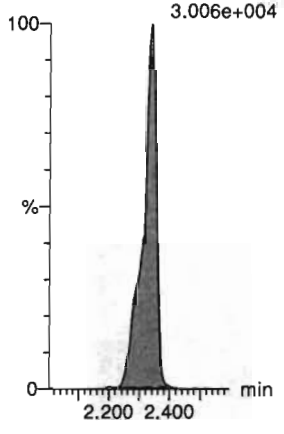




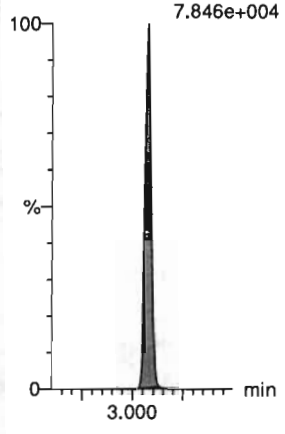
13C2-PFHxA-EIS



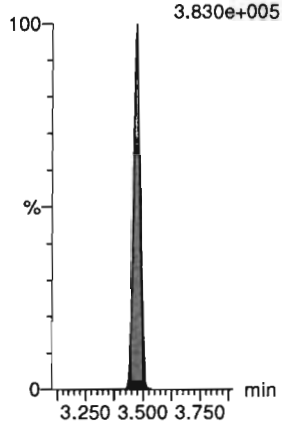
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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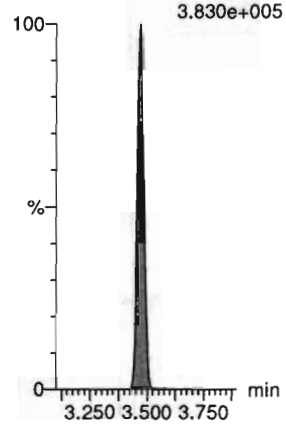
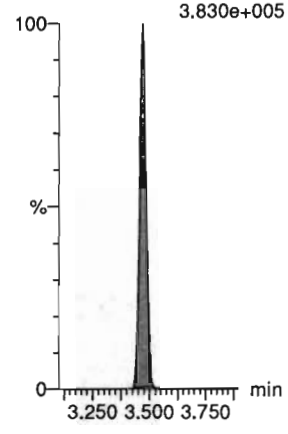


13C4-PFHpA-EIS



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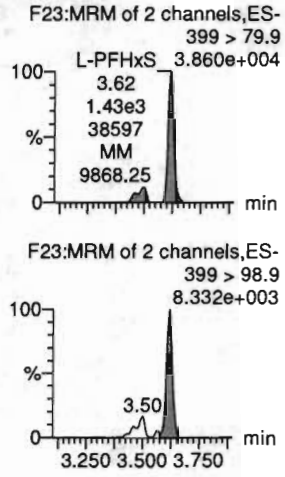
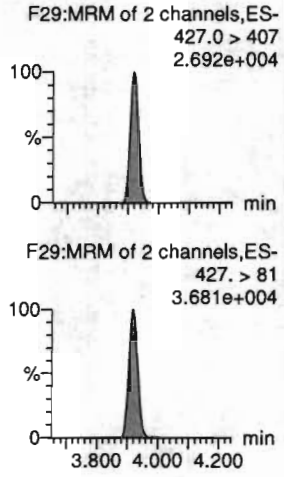
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

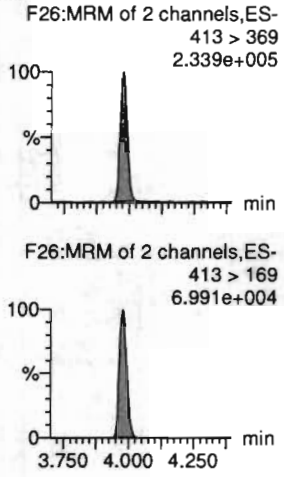
L-PFHxS



6:2 FTS



L-PFOA



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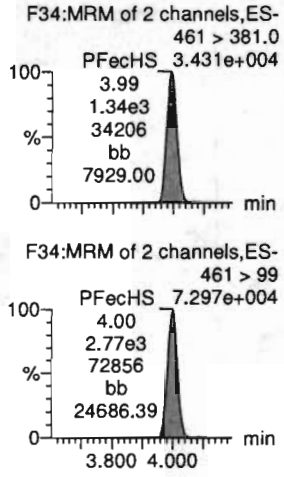

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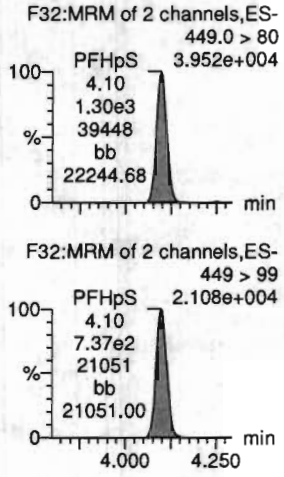
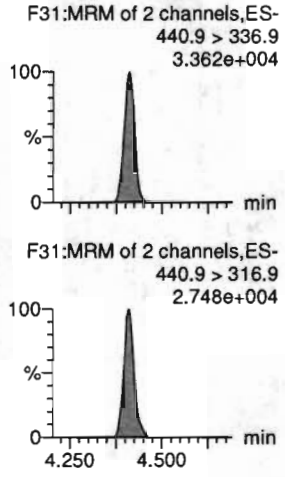


7:3 FTCA



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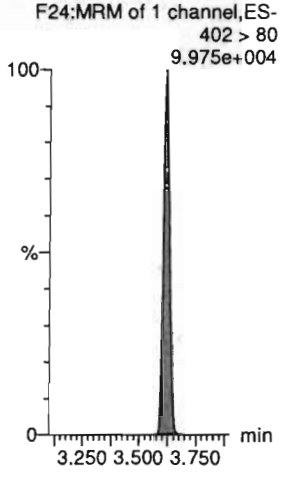
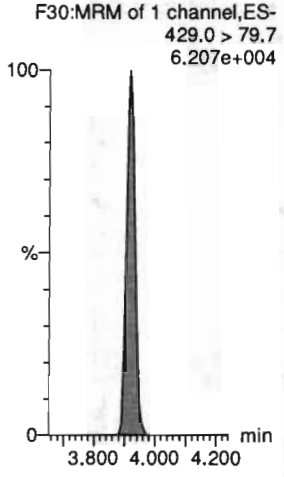


13C2-6:2 FTS-EIS



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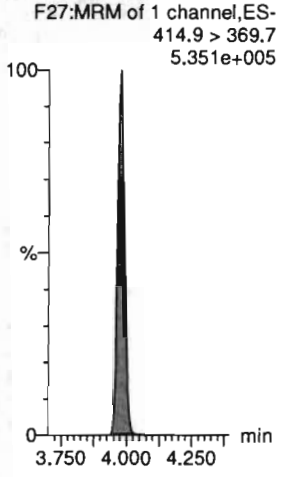

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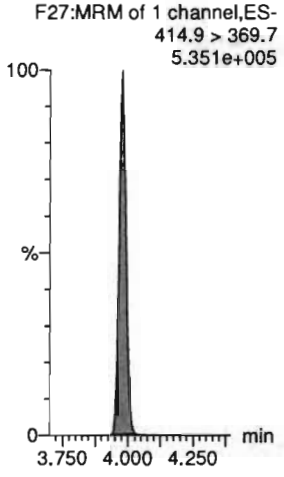
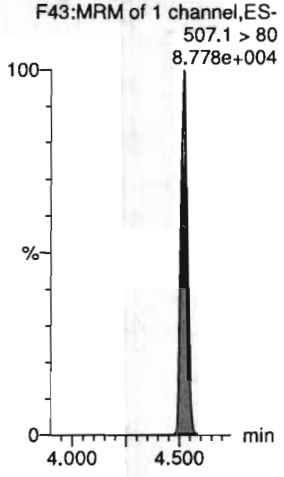
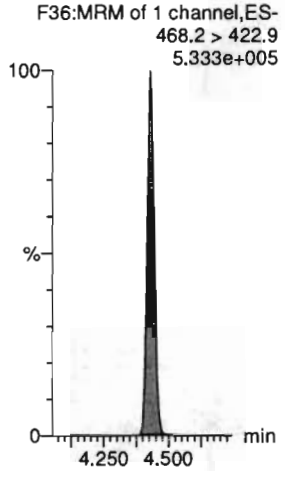


13C8-PFOS-EIS



13C5-PFNA-EIS



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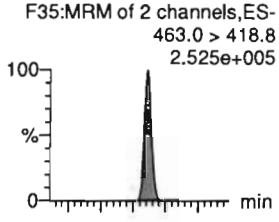
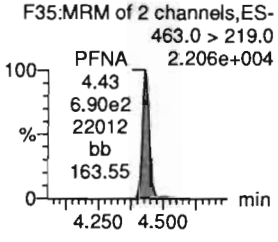
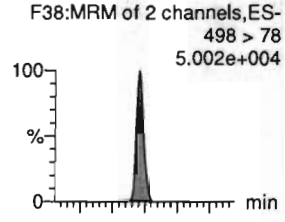
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

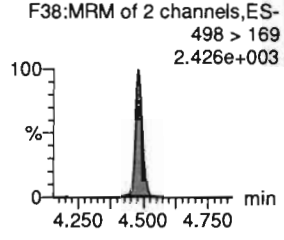
PFNA



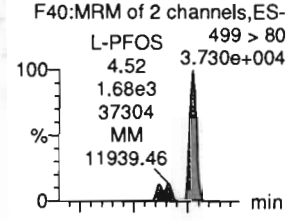


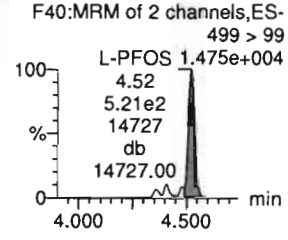
PFOSA



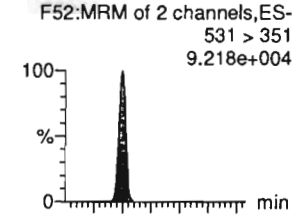


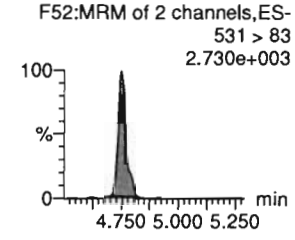
L-PFOS





9Cl-PF30NS





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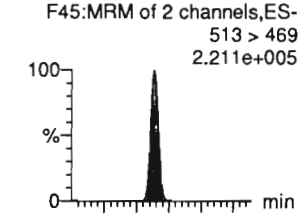
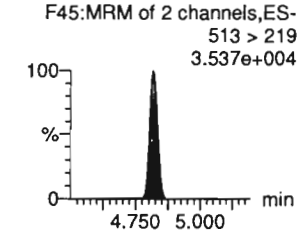
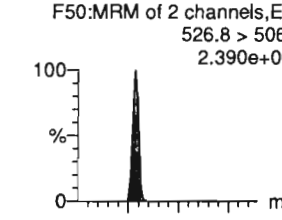
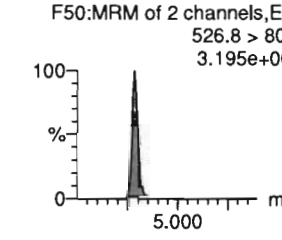


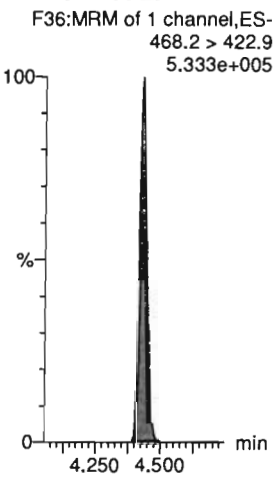


8:2 FTS

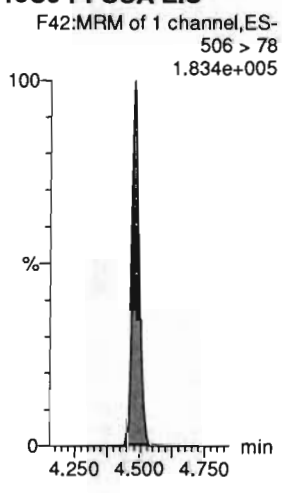




13C5-PFNA-EIS



13C8-PFOSA-EIS



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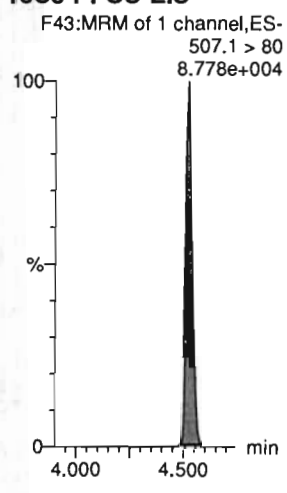

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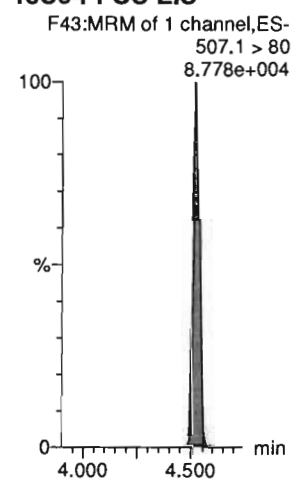
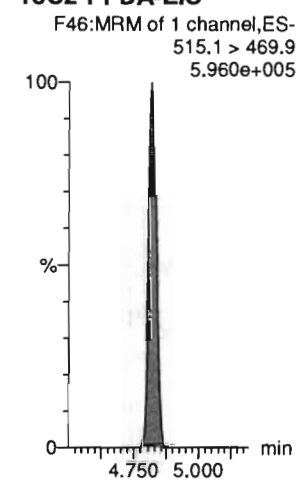
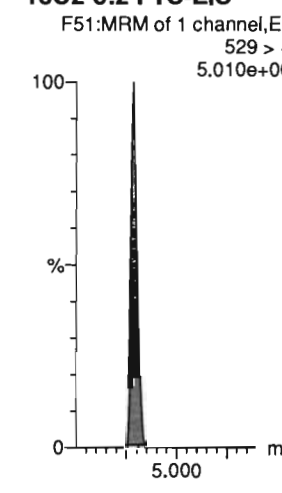


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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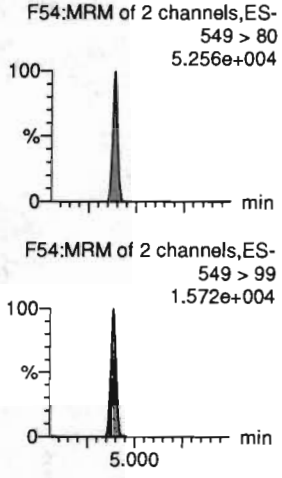
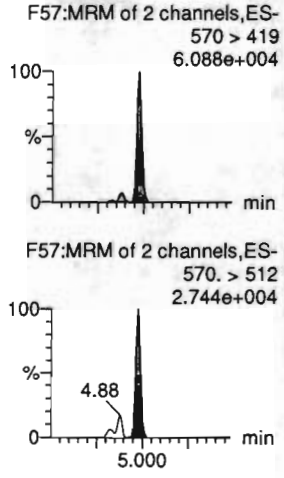
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

PFNS



L-MeFOSAA



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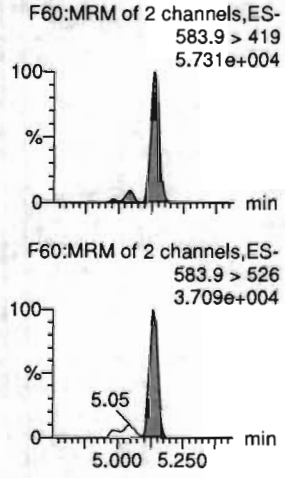
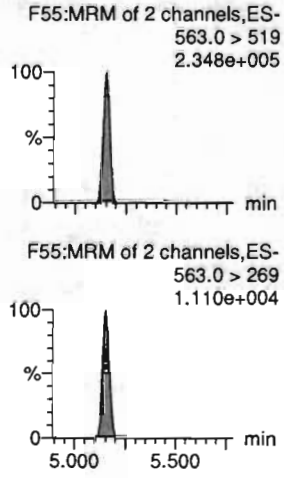
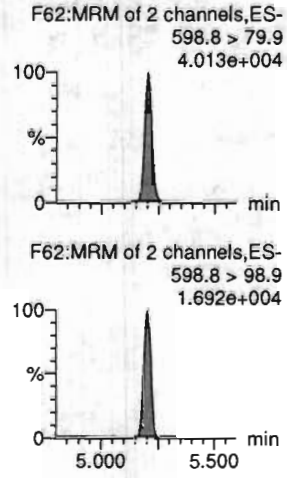


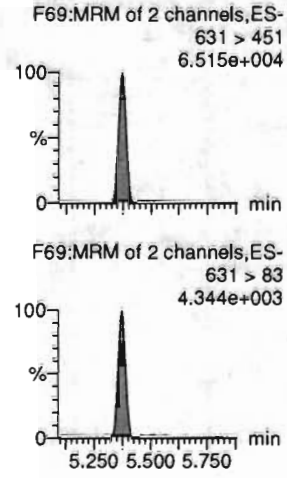
PFUdA



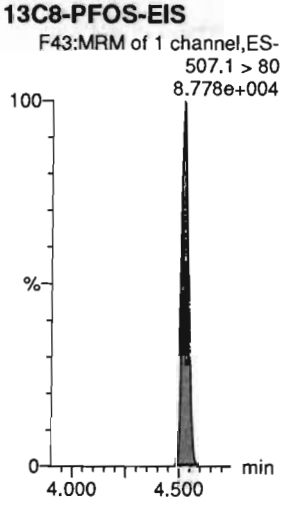
PFDS



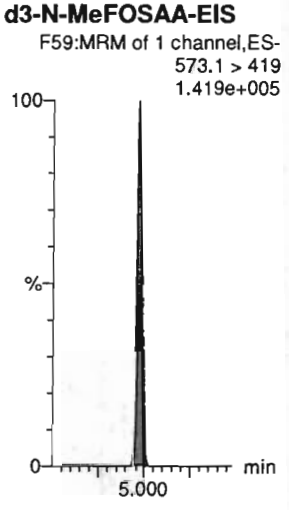
11Cl-PF30UdS



13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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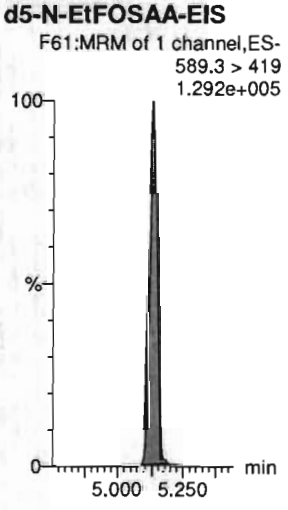
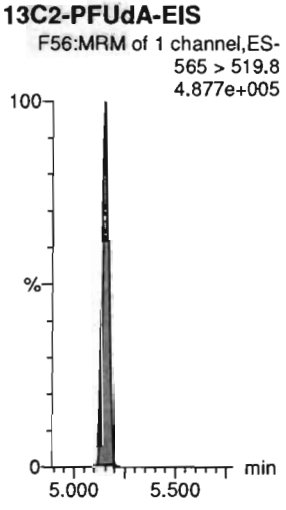
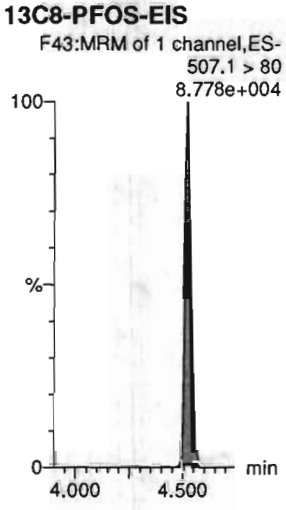


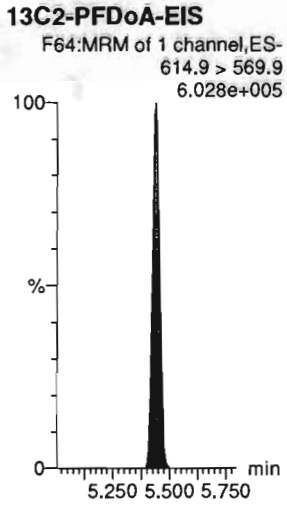
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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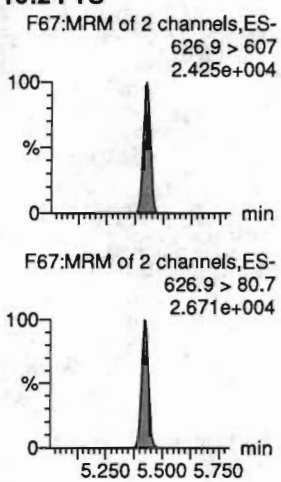
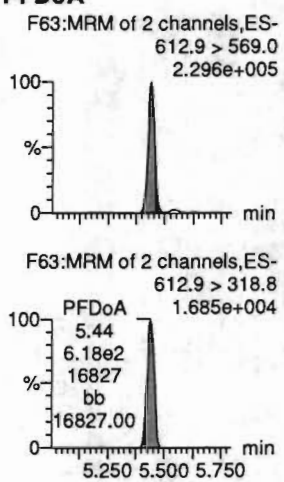
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

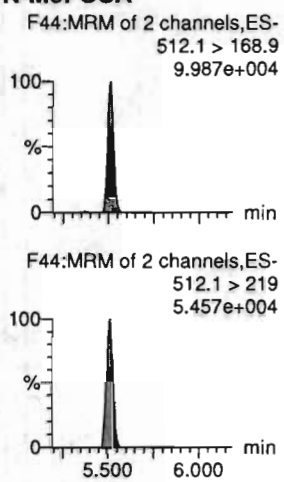
10:2 FTS



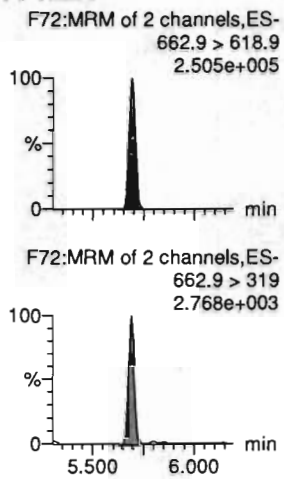
PFDoA



N-MeFOSA



PFTrDA



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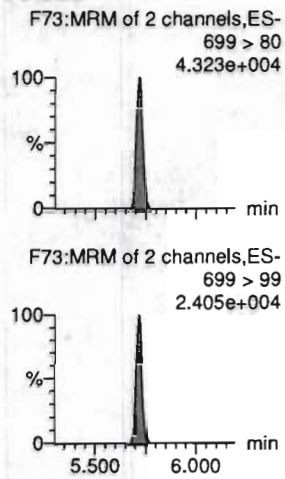
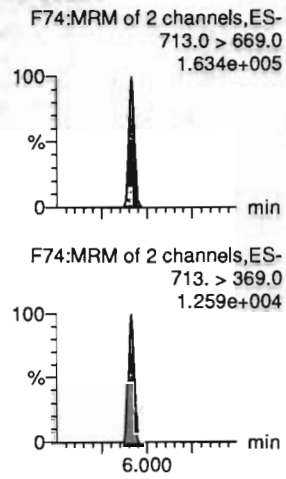
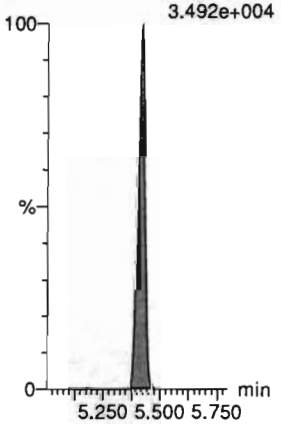


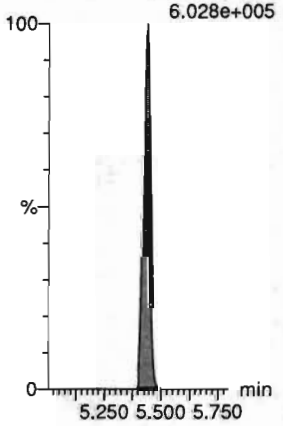
PFTeDA



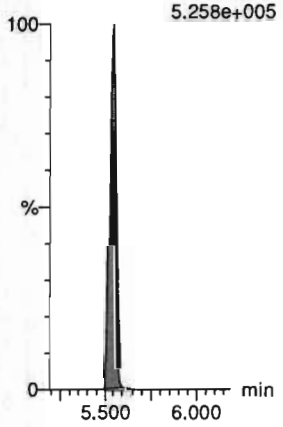
13C2-10:2 FTS-EIS



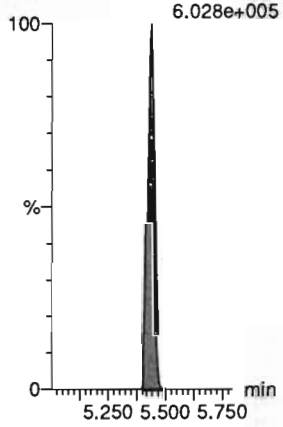
13C2-PFDoA-EIS



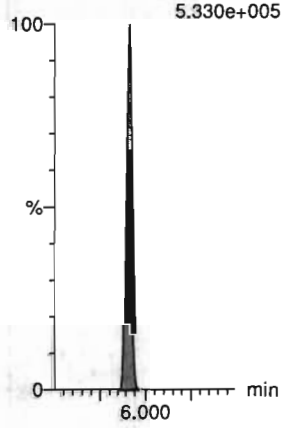
d3-N-MeFOSA-EIS



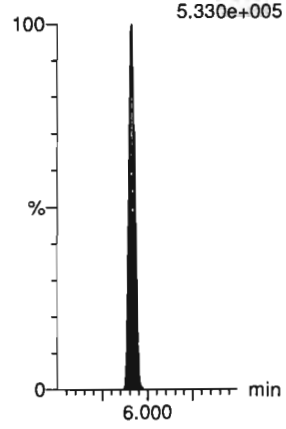
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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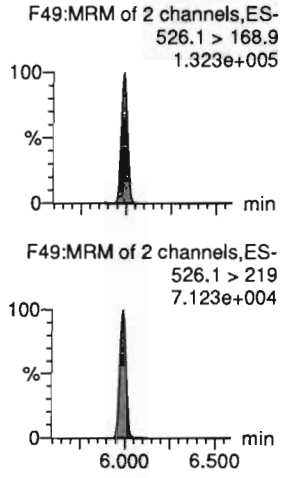
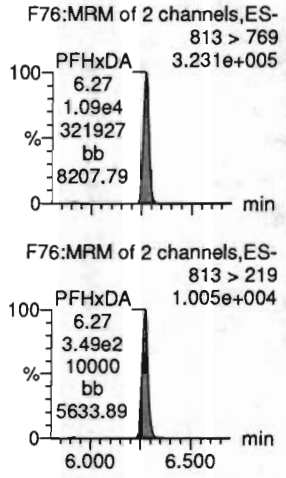
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

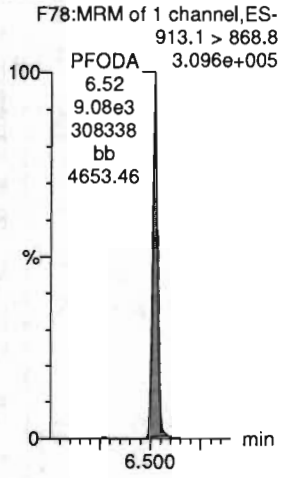
N-EtFOSA



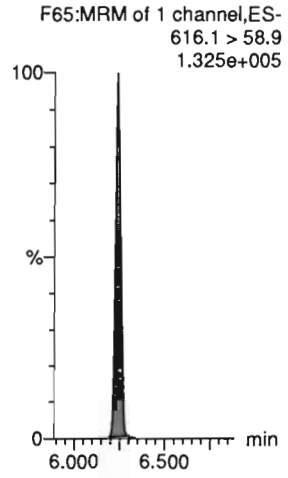
PFHxDA



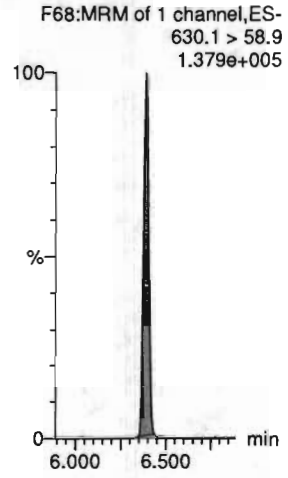
PFODA



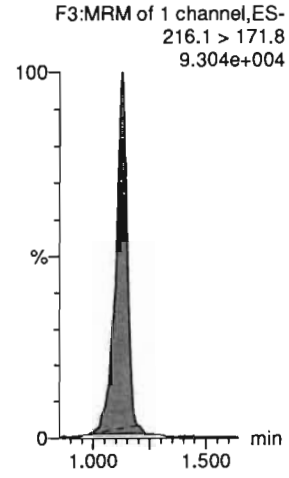
N-MeFOSE



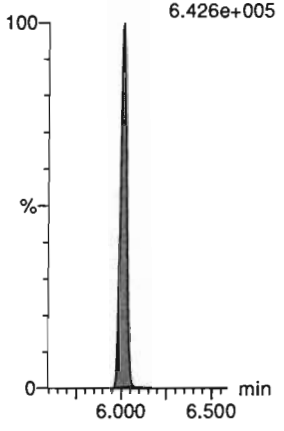
N-EtFOSE



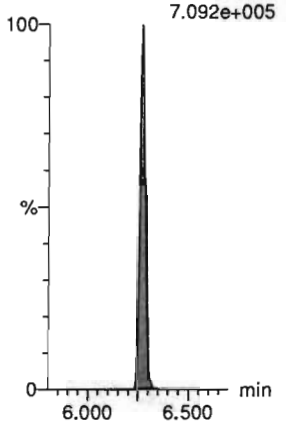
13C3-PFBA-RSD



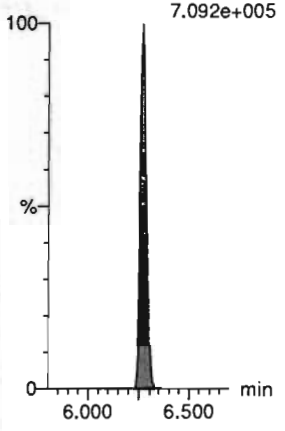
d5-N-ETFOSA-EIS



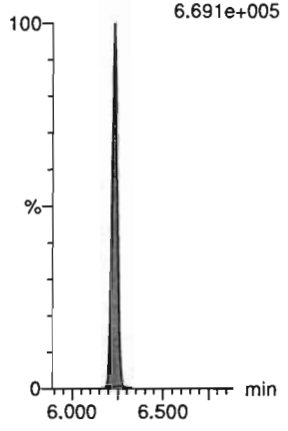
13C2-PFHxDA-EIS



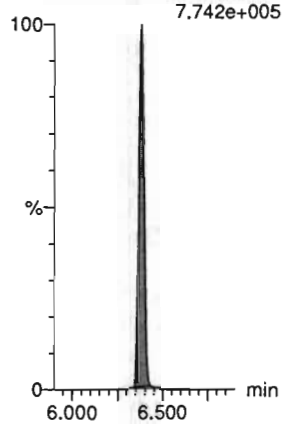
13C2-PFHxDA-EIS



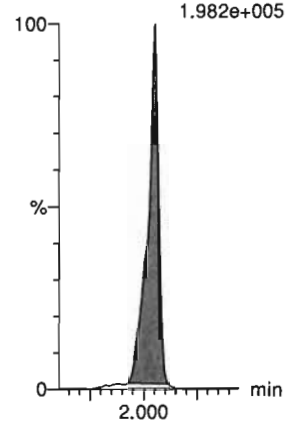
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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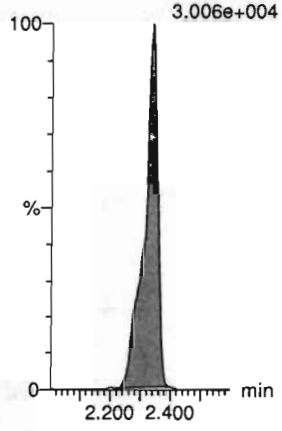
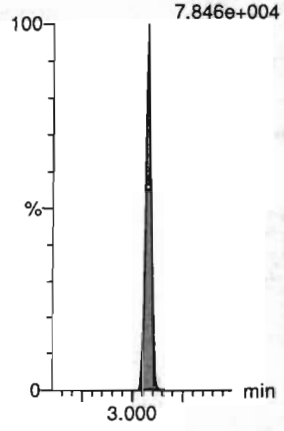
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

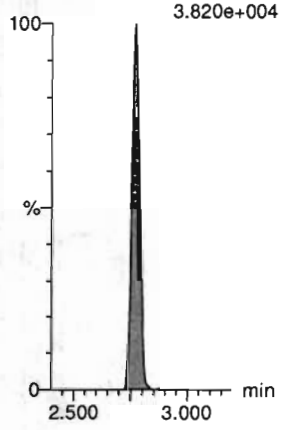
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
3.006e+004



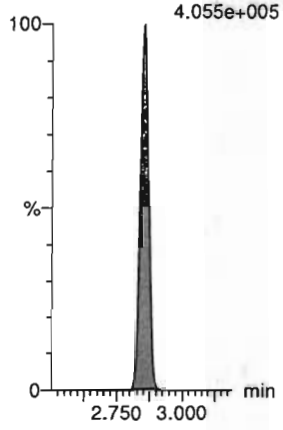
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.846e+004



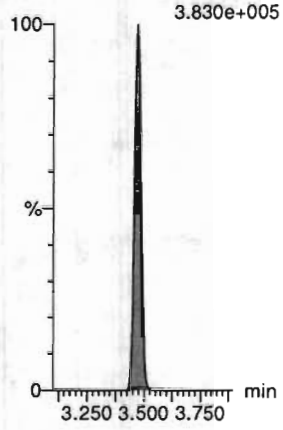
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.820e+004



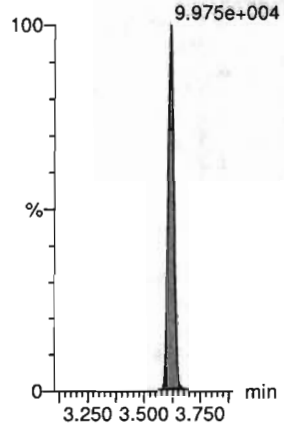
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
4.055e+005



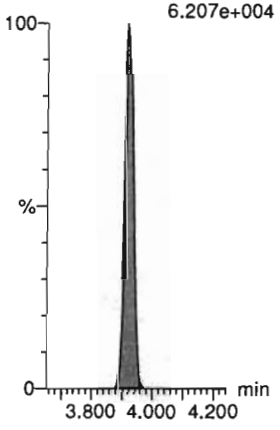
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.830e+005



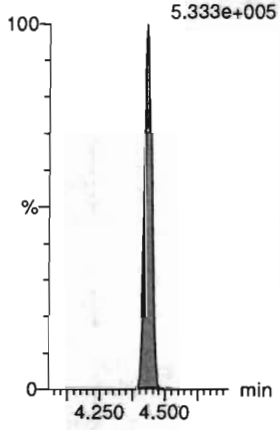
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
9.975e+004



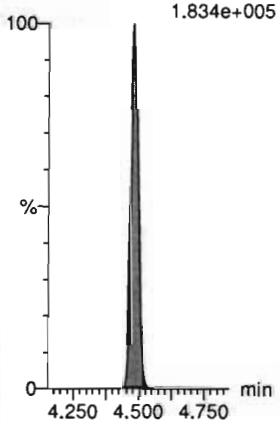
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
6.207e+004



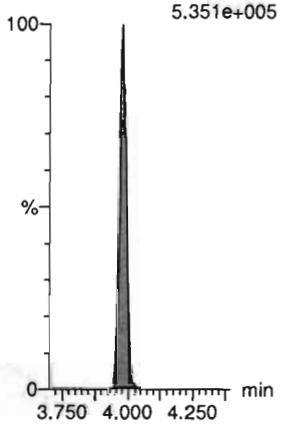
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.333e+005



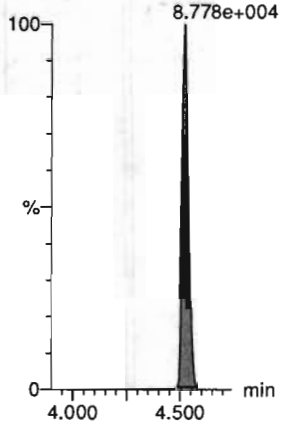
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.834e+005



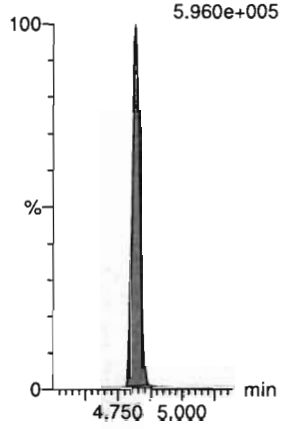
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
5.351e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.778e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.960e+005



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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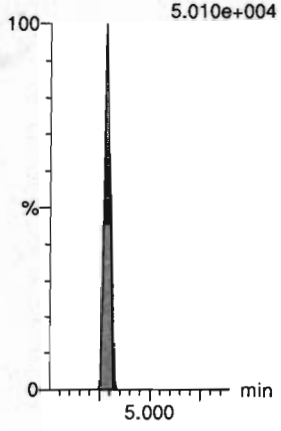
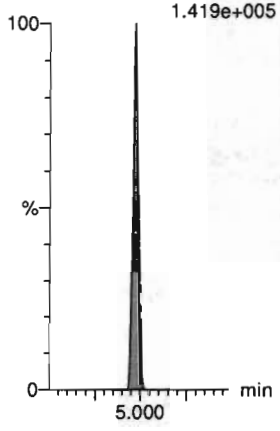
Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

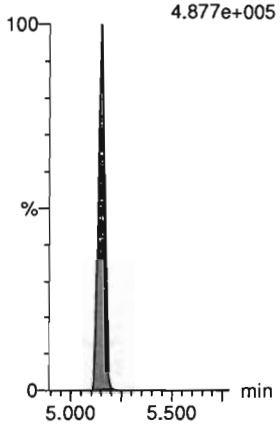
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
5.010e+004



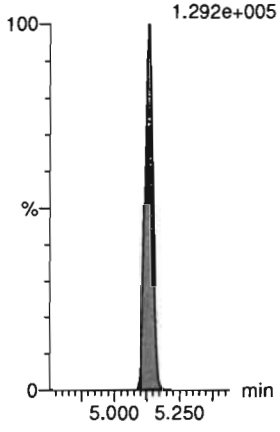
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.419e+005



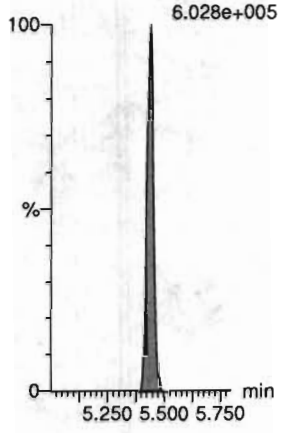
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.877e+005



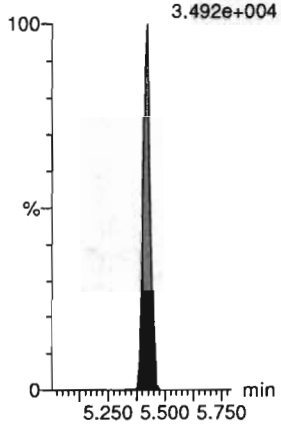
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.292e+005



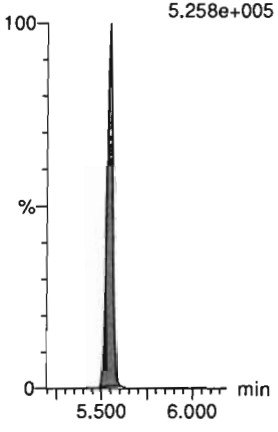
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.028e+005



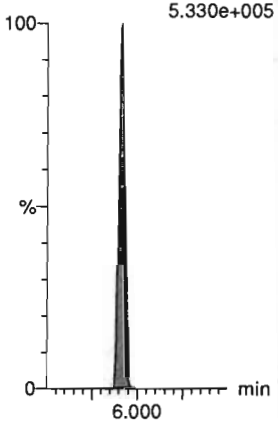
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.492e+004



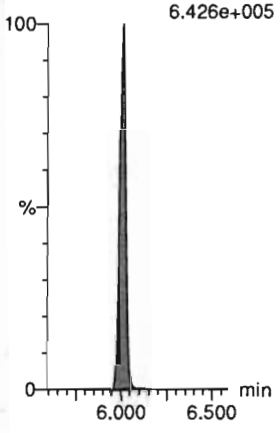
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.258e+005



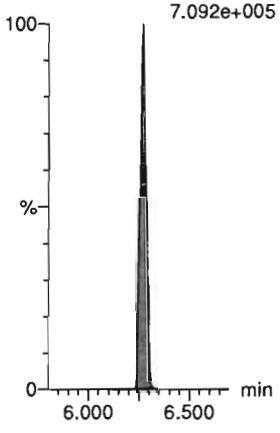
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.330e+005



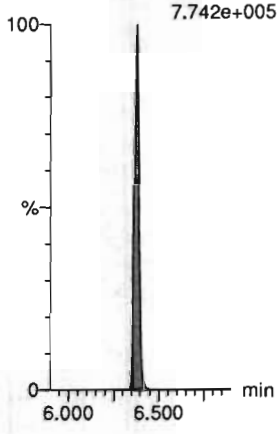
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.426e+005



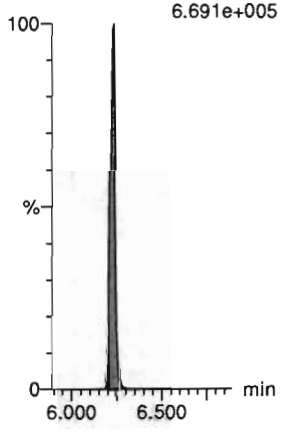
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.092e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.742e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.691e+005



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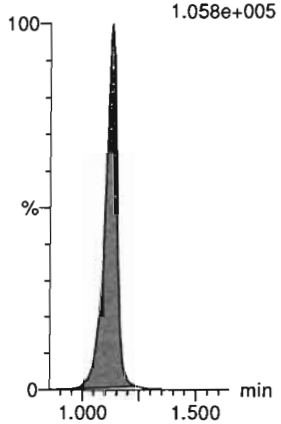
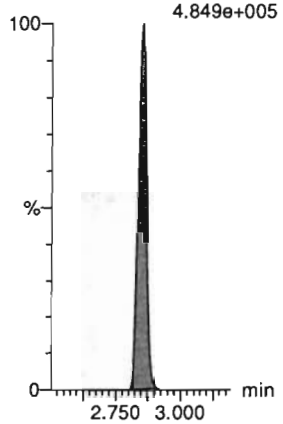
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-9, Date: 23-Jun-2020, Time: 11:34:54, ID: ST200623P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

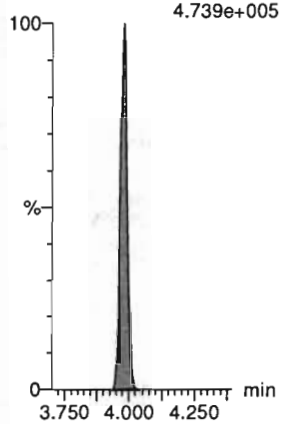
13C4-PFBA



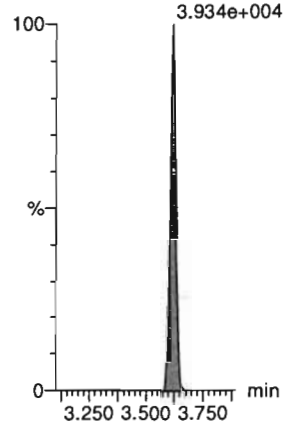
13C5-PFHxA



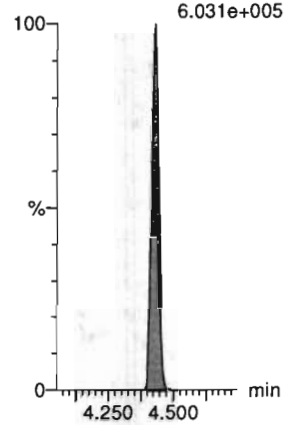
13C8-PFOA



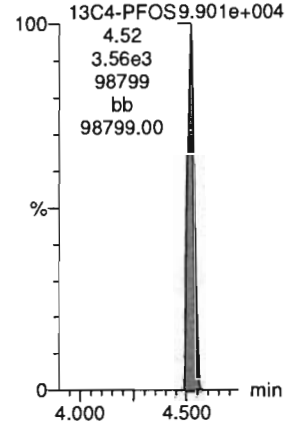
18O2-PFHxS



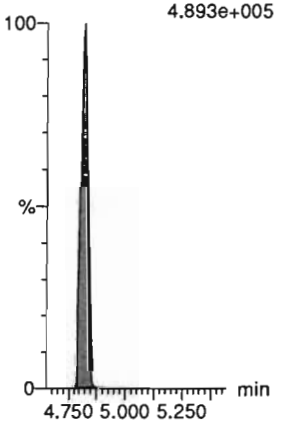
13C9-PFNA



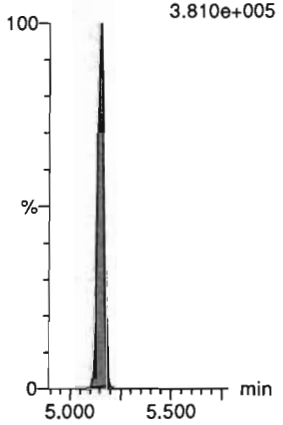
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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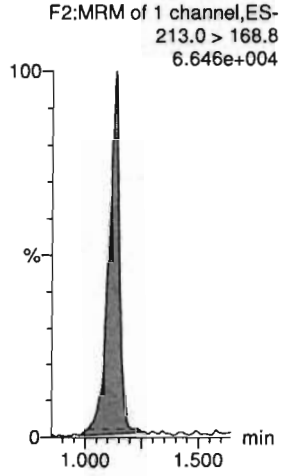
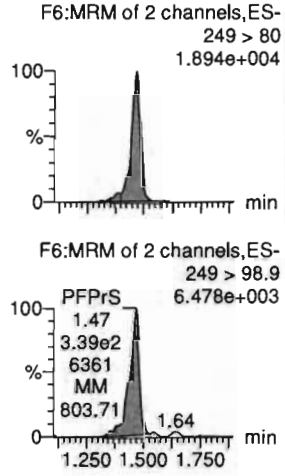
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

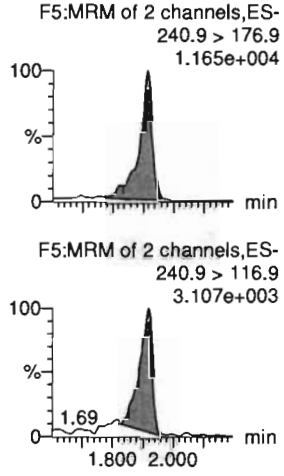
PFBA



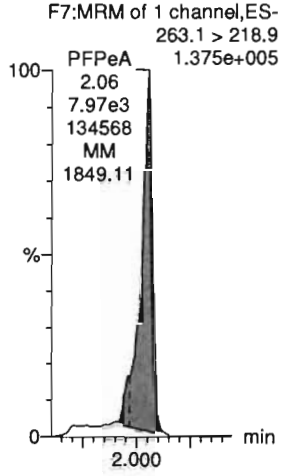
PFPrS



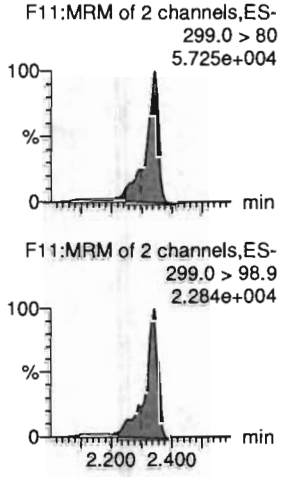
3:3 FTCA



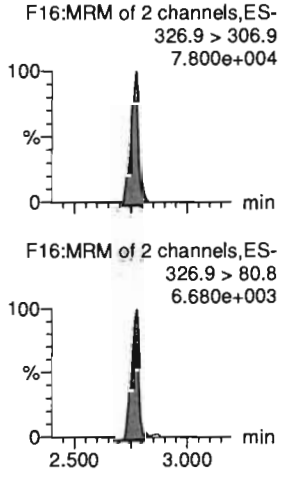
PFPeA



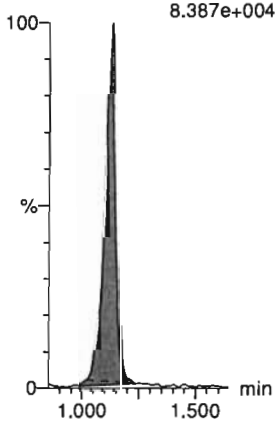
PFBS



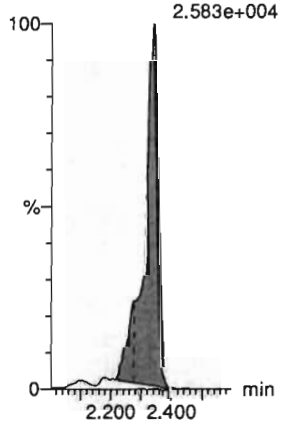
4:2 FTS



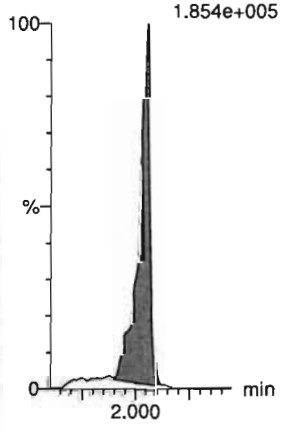
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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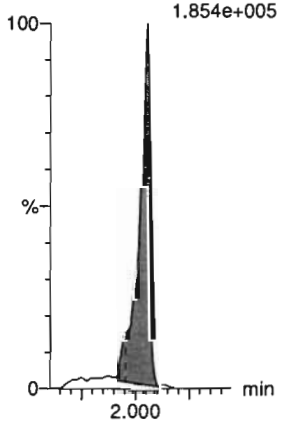

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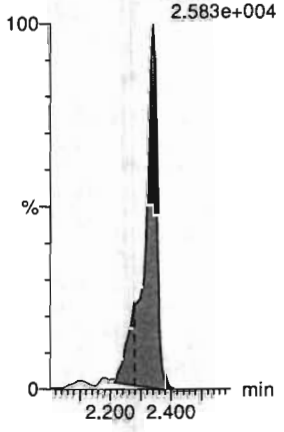
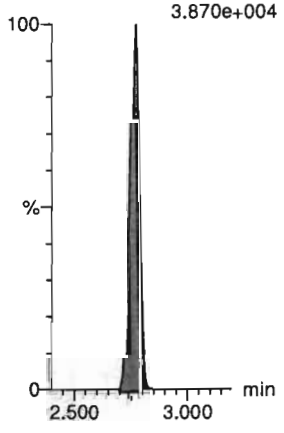


13C2-4:2 FTS-EIS



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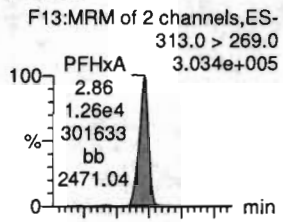
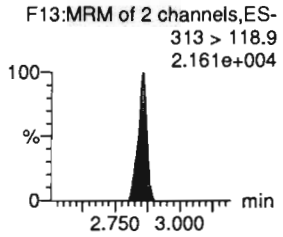
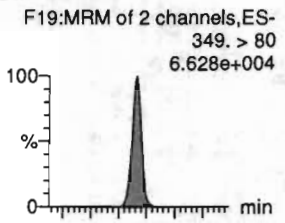
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

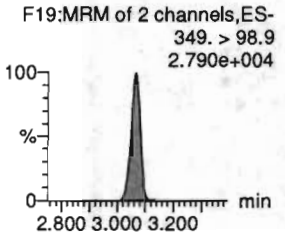
PFHxA



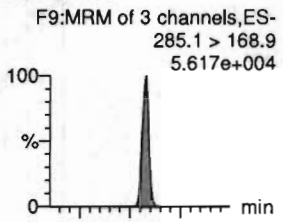


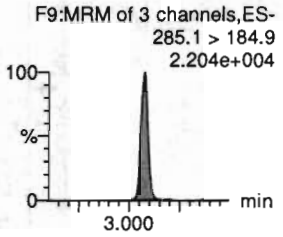
PFPeS



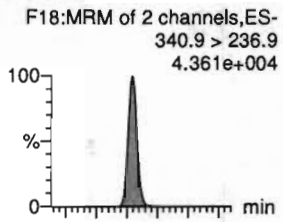


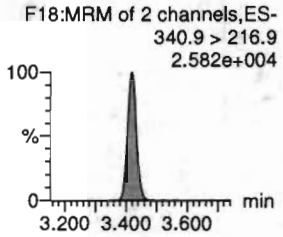
HFPO-DA



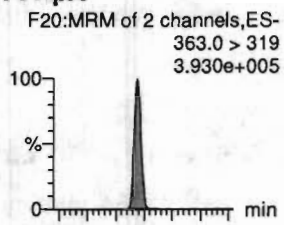


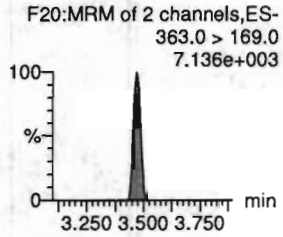
5:3 FTCA



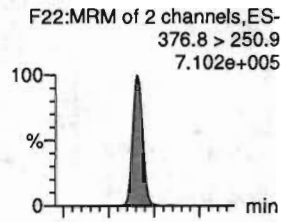


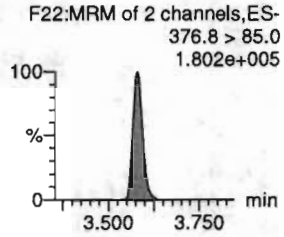
PFHpA



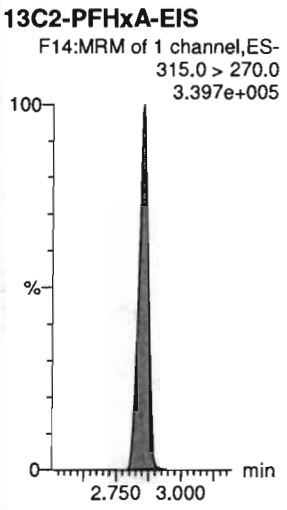


ADONA

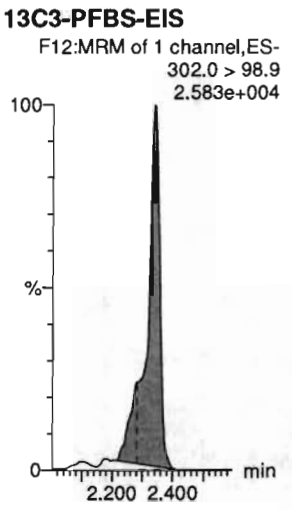




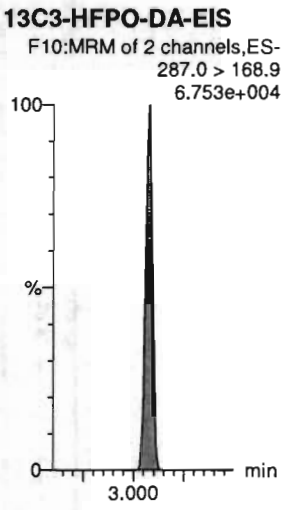
13C2-PFHxA-EIS



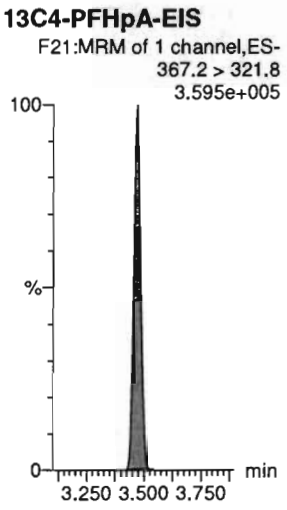
13C3-PFBS-EIS



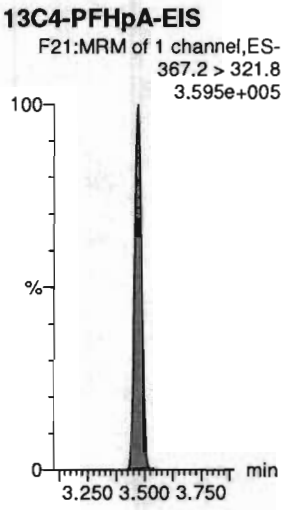
13C3-HFPO-DA-EIS



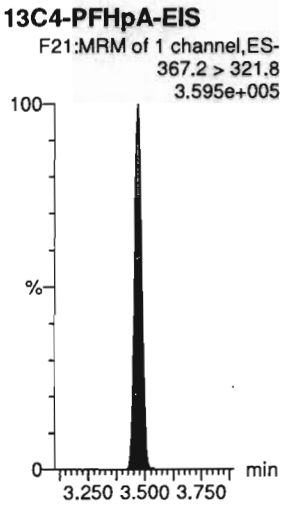
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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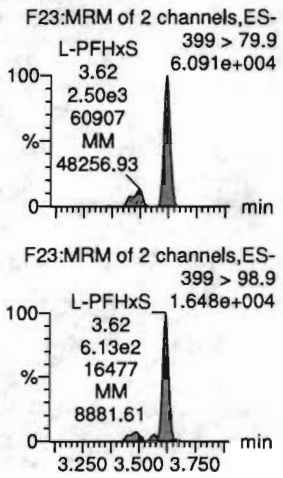
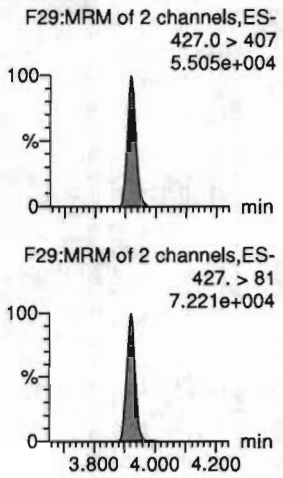
Last Altered: Tuesday, June 23, 2020 16:18:40 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 16:24:14 Pacific Daylight Time

Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

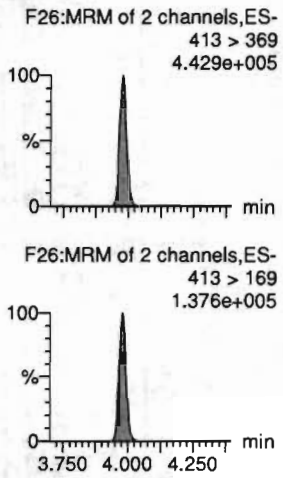
L-PFHxS



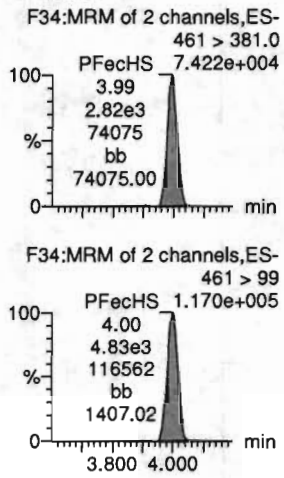
6:2 FTS



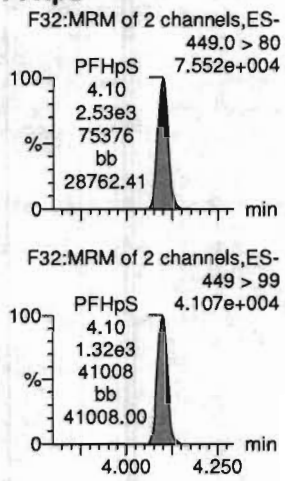
L-PFOA



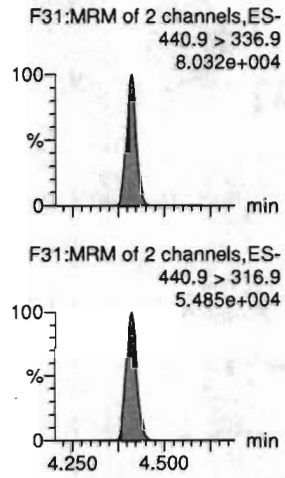
PFEChS



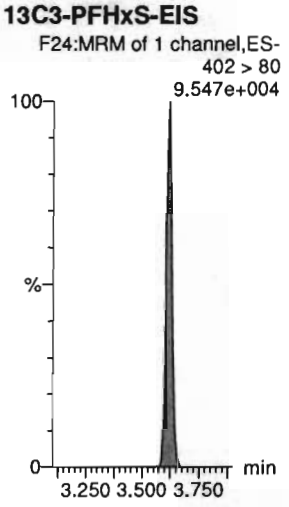
PFHpS



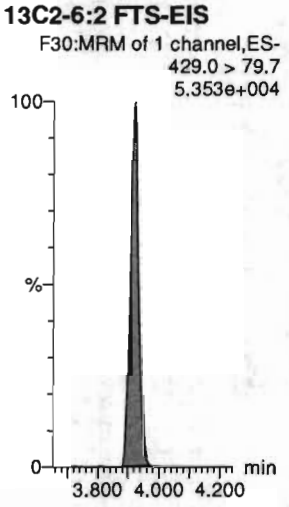
7:3 FTCA



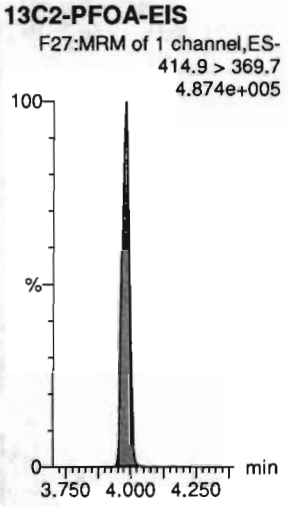
13C3-PFHxS-EIS



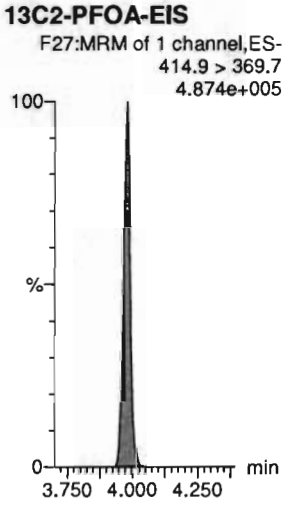
13C2-6:2 FTS-EIS



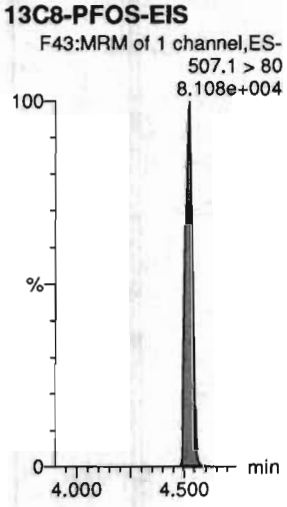
13C2-PFOA-EIS



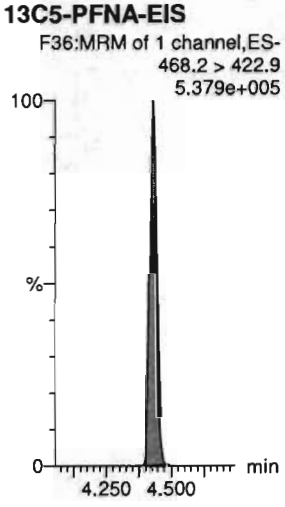
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

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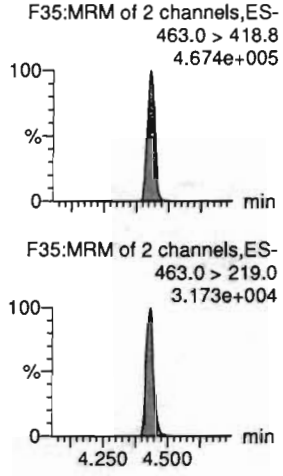

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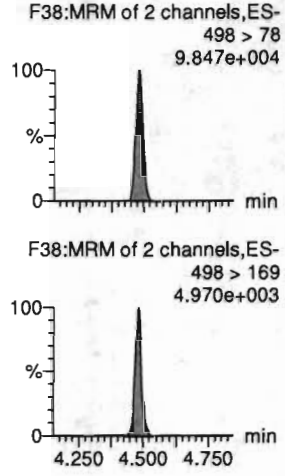
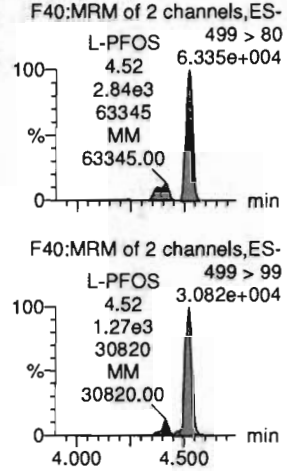
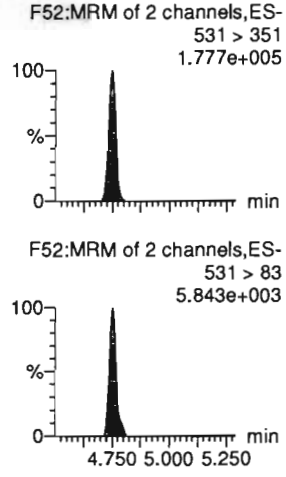


L-PFOS



9Cl-PF30NS



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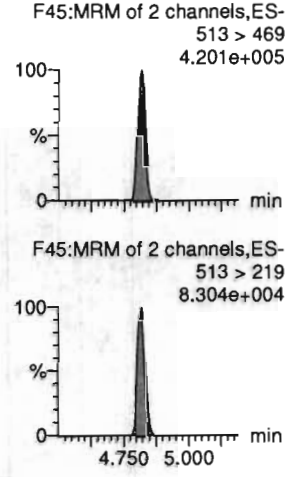
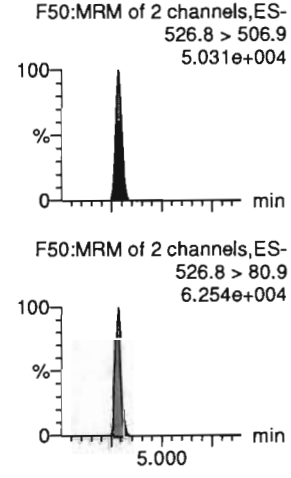
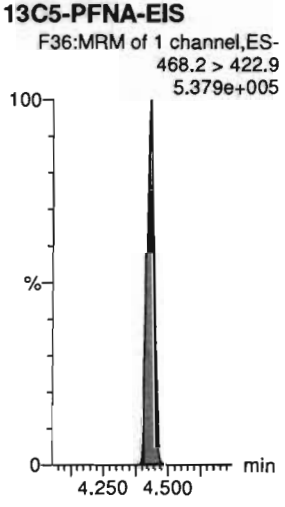


8:2 FTS



13C5-PFNA-EIS



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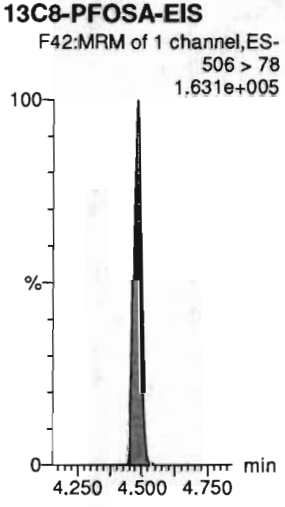
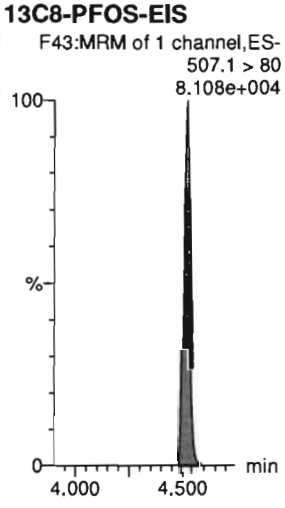


13C8-PFOS-EIS



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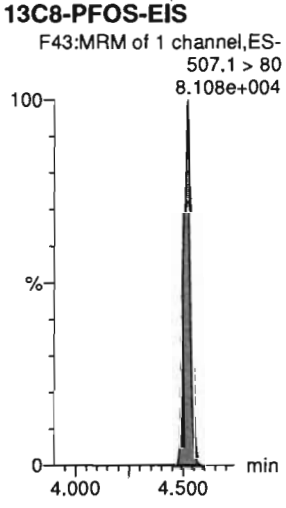

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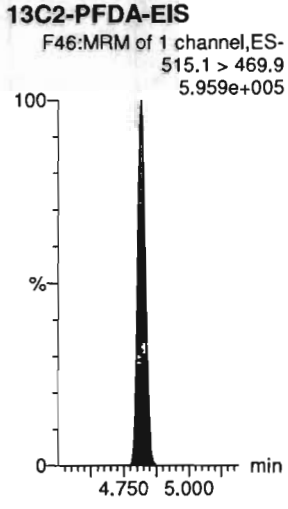
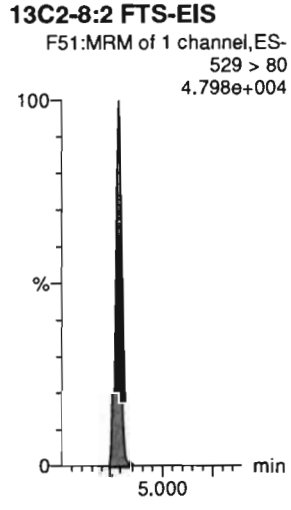


13C2-8:2 FTS-EIS



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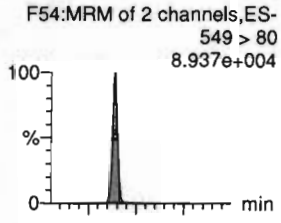
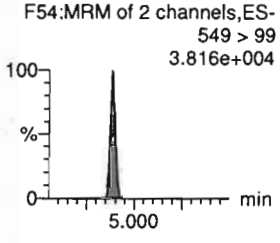
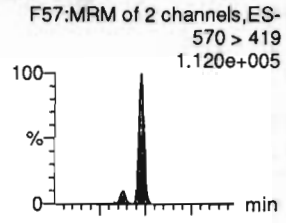
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

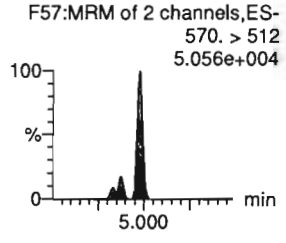
PFNS





L-MeFOSAA





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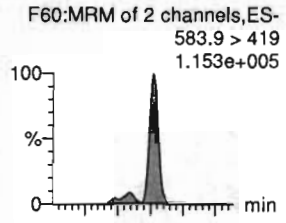
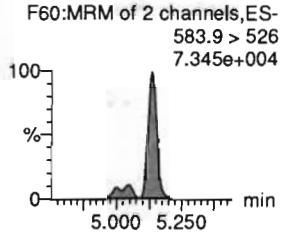
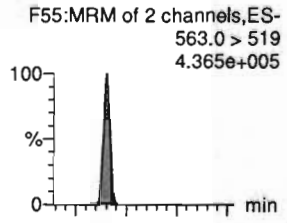
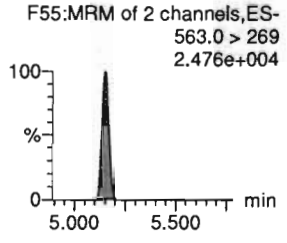




PFUdA





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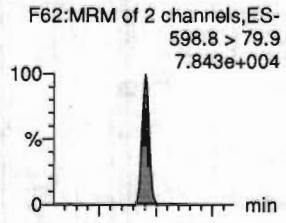
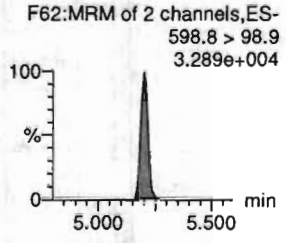
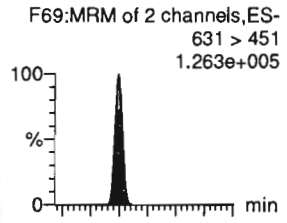
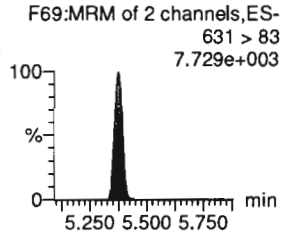


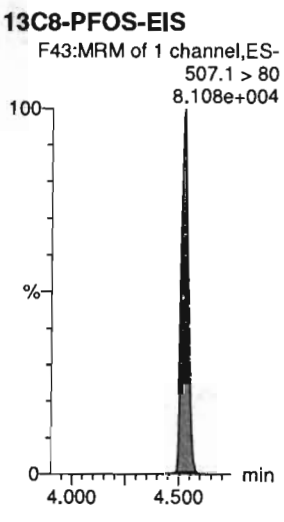


11Cl-PF30UdS

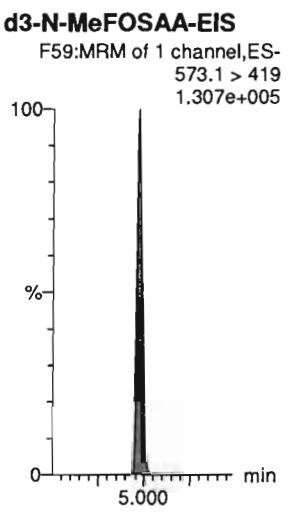




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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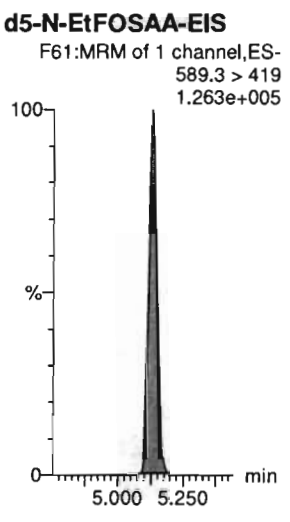
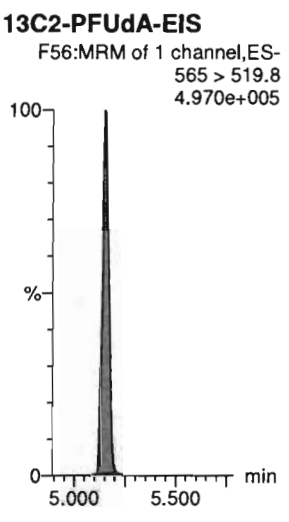
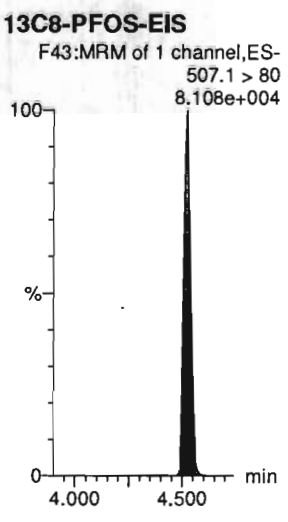


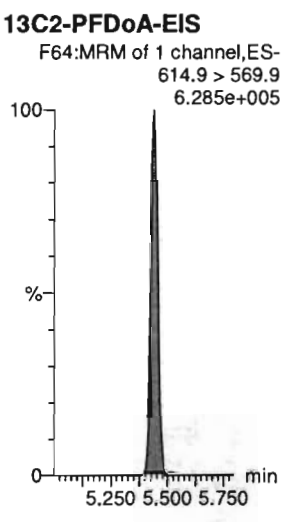
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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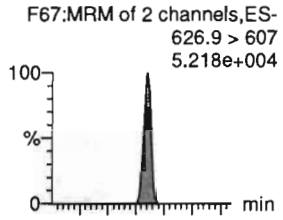
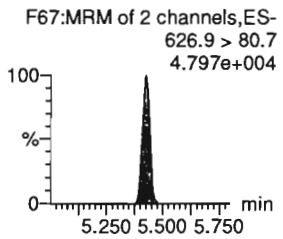
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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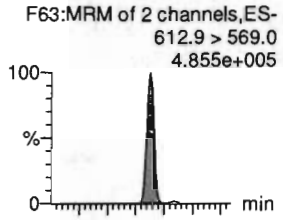
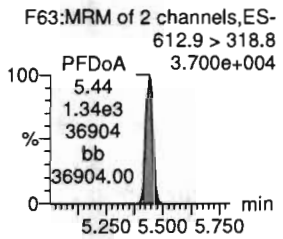
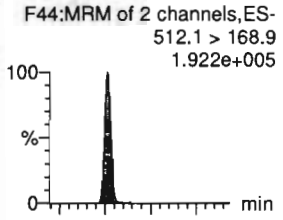
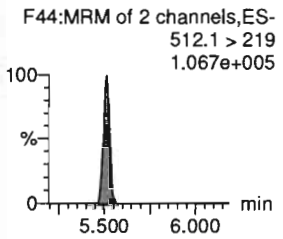




N-MeFOSA





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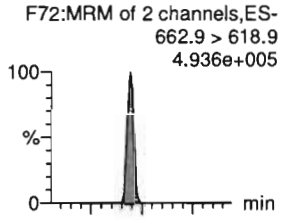

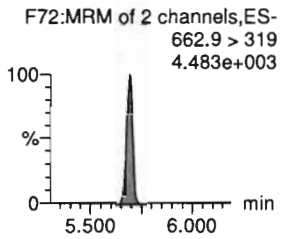

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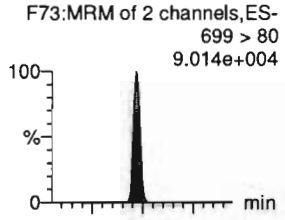

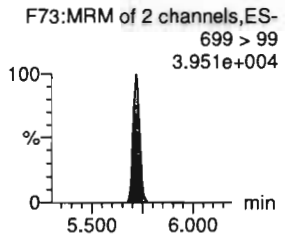

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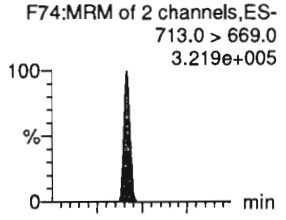
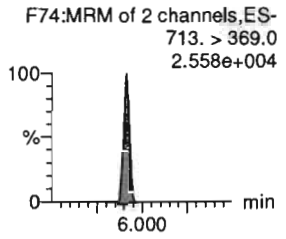
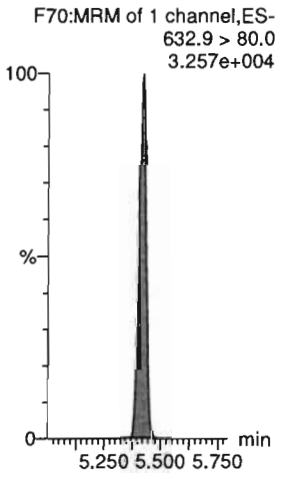




13C2-10:2 FTS-EIS



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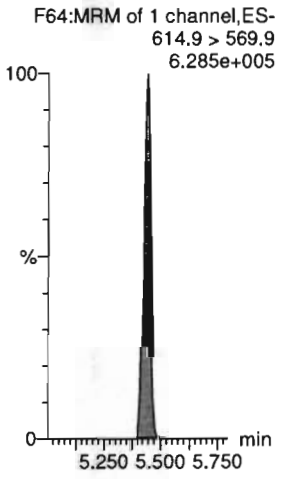
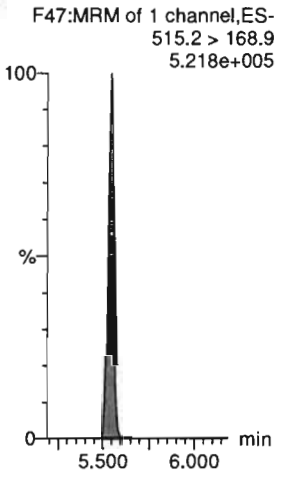
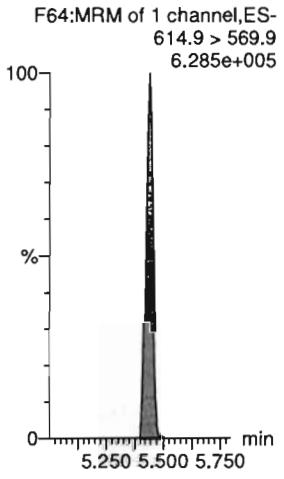


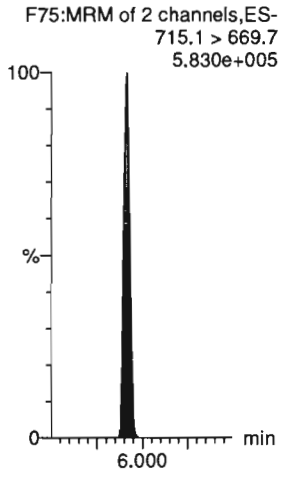
d3-N-MeFOSA-EIS



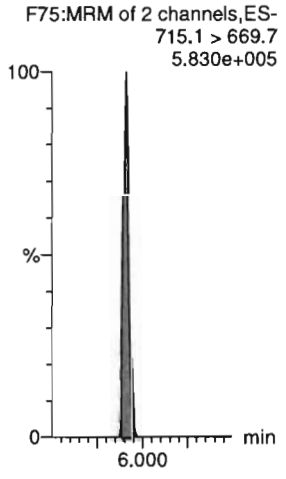
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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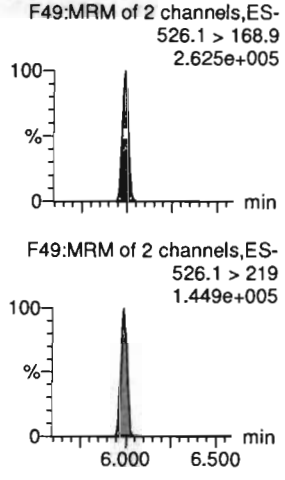
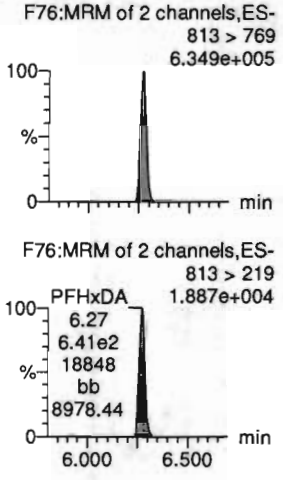
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

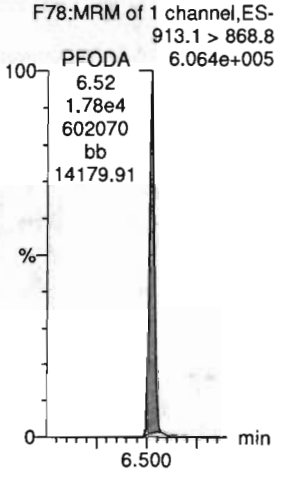
N-EtFOSA



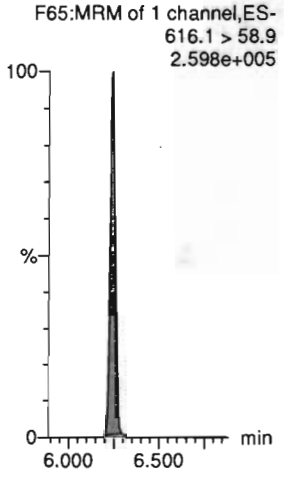
PFHxDA



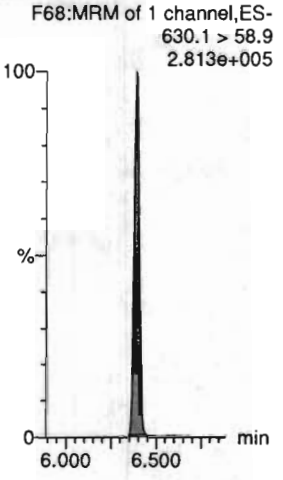
PFODA



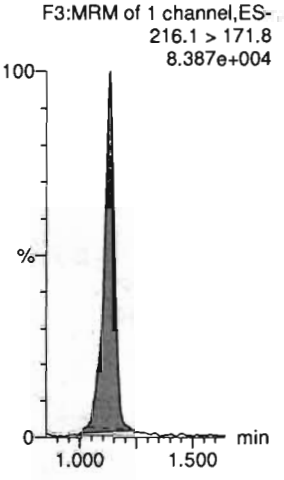
N-MeFOSE



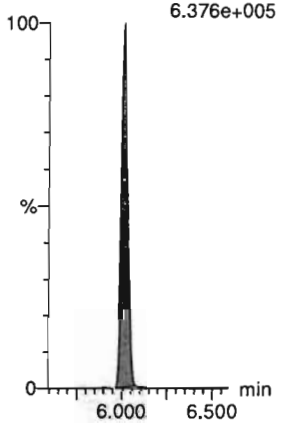
N-EtFOSE



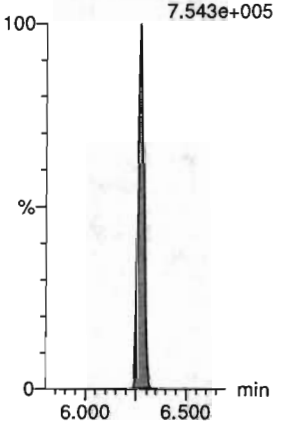
13C3-PFBA-RSD



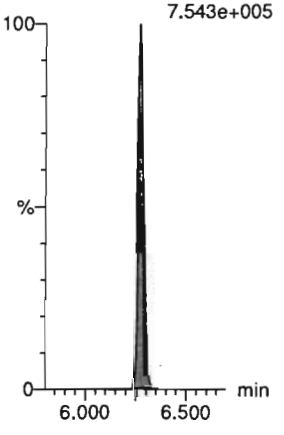
d5-N-ETFOSA-EIS



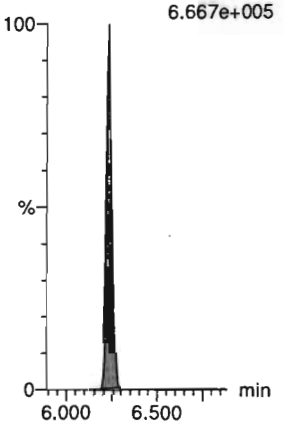
13C2-PFHxDA-EIS



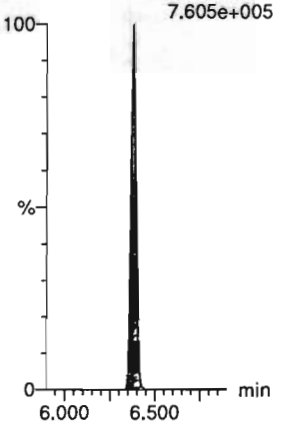
13C2-PFHxDA-EIS



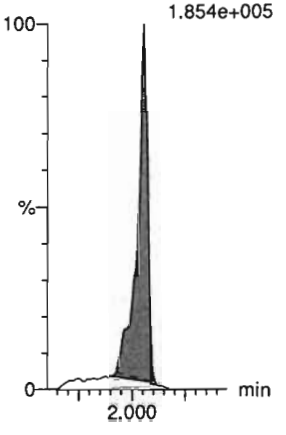
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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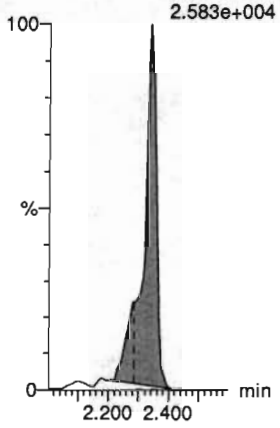
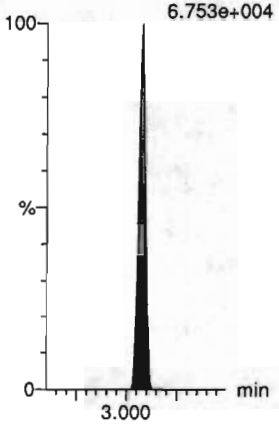
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

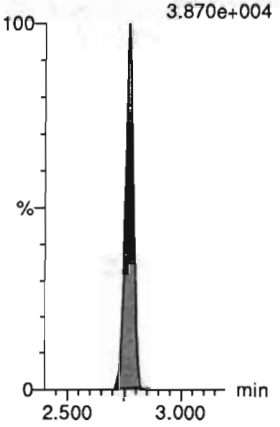
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.583e+004



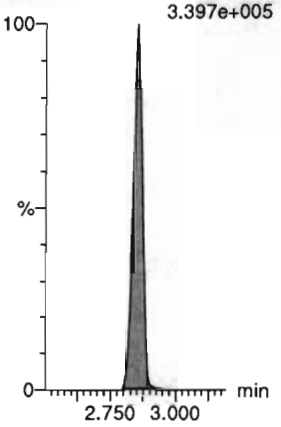
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.753e+004



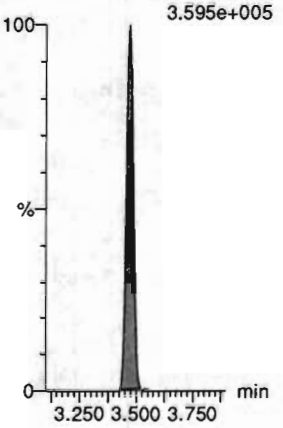
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.870e+004



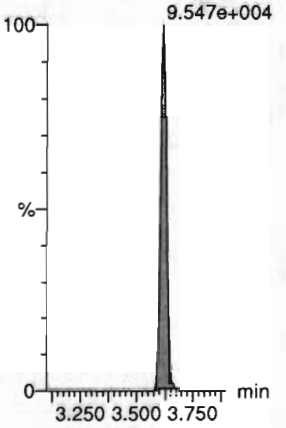
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.397e+005



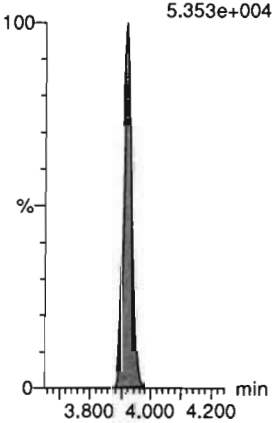
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.595e+005



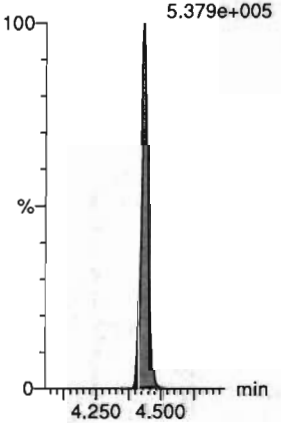
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
9.547e+004



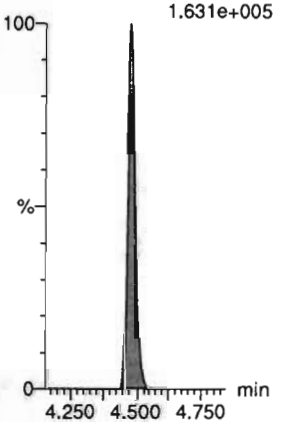
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.353e+004



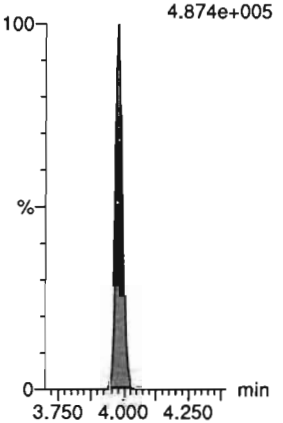
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.379e+005



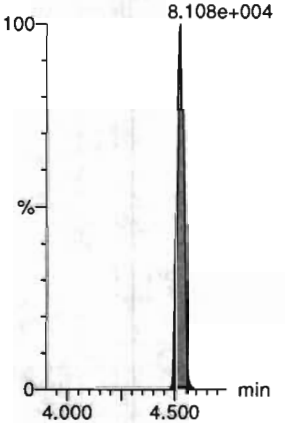
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.631e+005



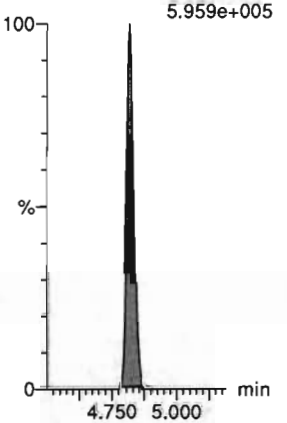
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.874e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.108e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.959e+005



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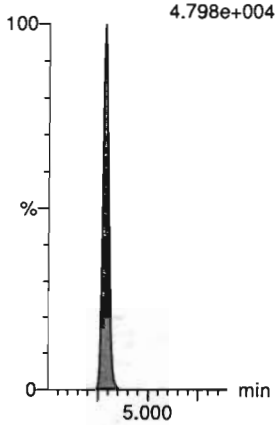
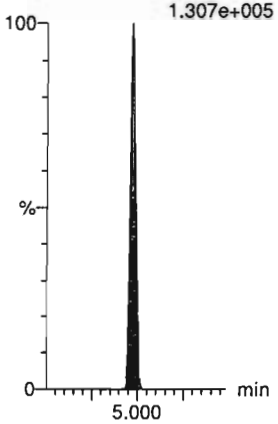
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

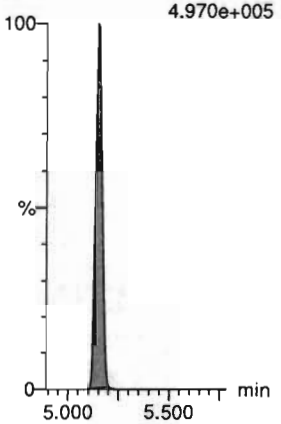
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.798e+004



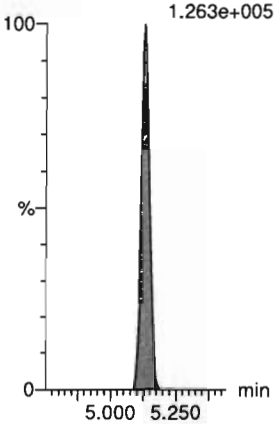
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.307e+005



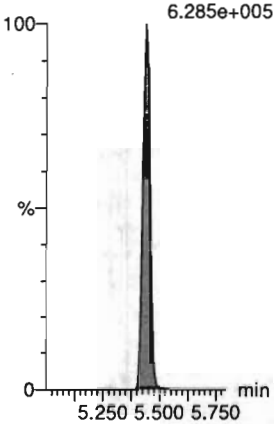
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.970e+005



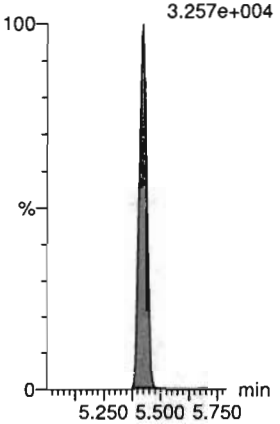
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.263e+005



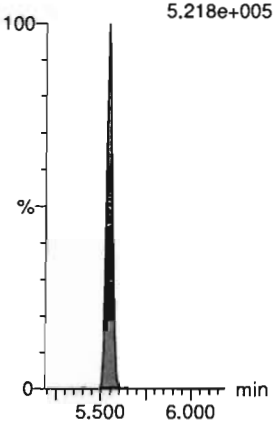
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.285e+005



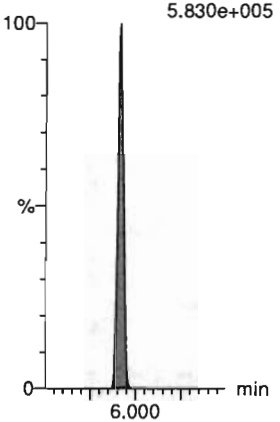
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.257e+004



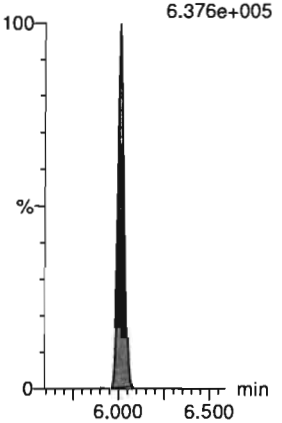
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.218e+005



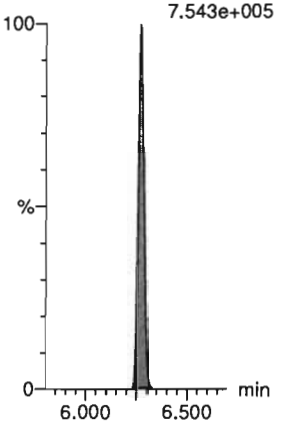
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.830e+005



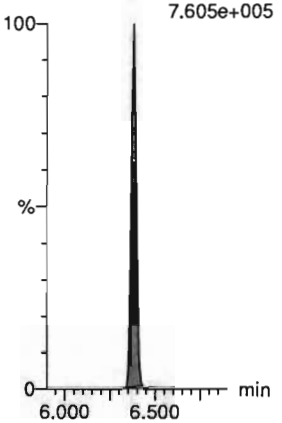
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.376e+005



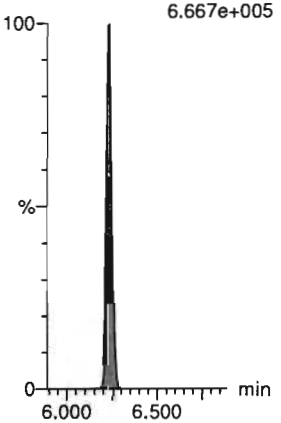
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.543e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.605e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.667e+005



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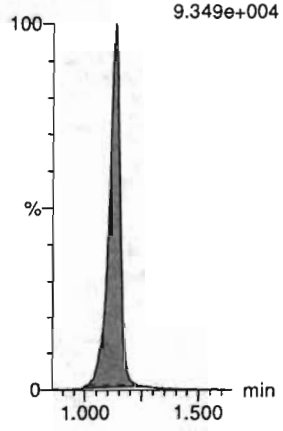
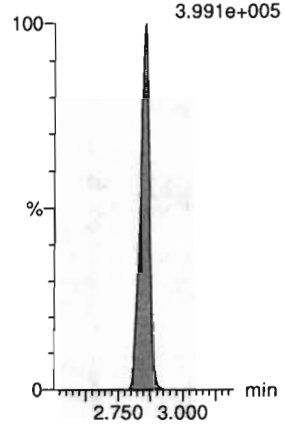
Name: 200623P1-10, Date: 23-Jun-2020, Time: 11:45:26, ID: ST200623P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

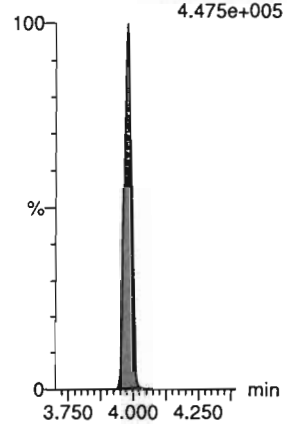
13C4-PFBA



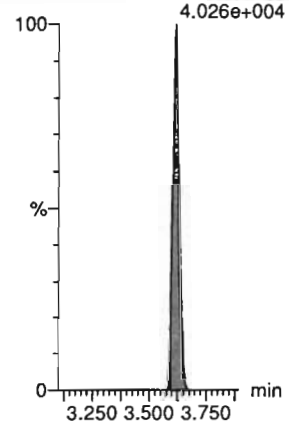
13C5-PFHxA



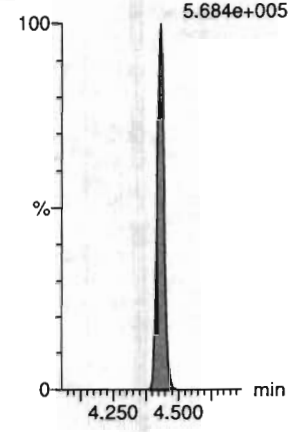
13C8-PFOA



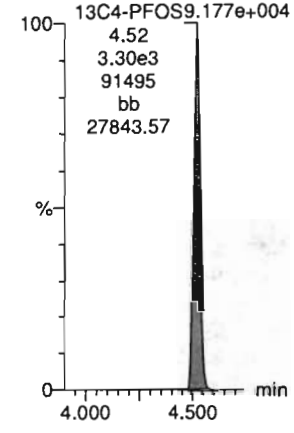
18O2-PFHxS



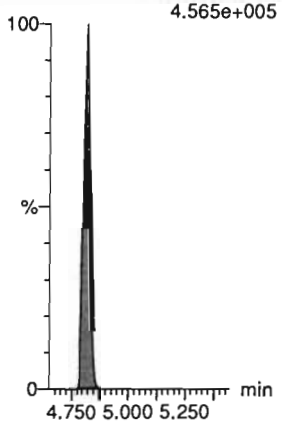
13C9-PFNA



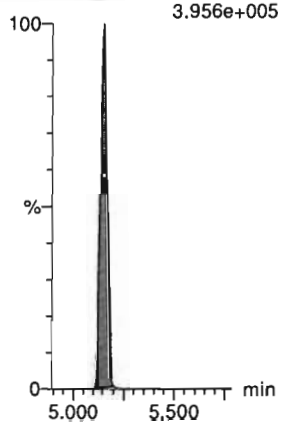
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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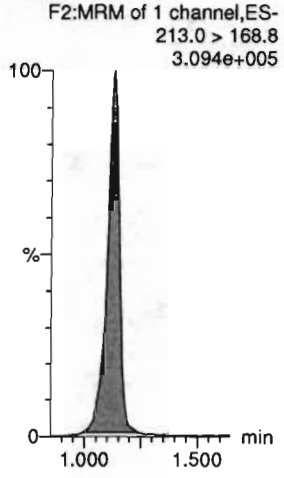
Printed: Tuesday, June 23, 2020 16:24:14 Pacific Daylight Time

Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

PFBA



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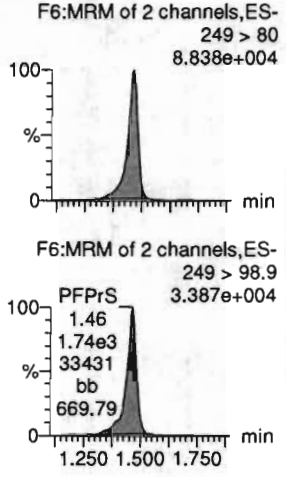
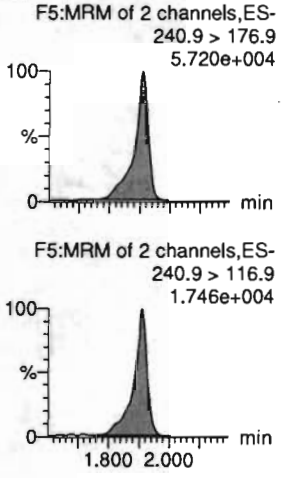


3:3 FTCA



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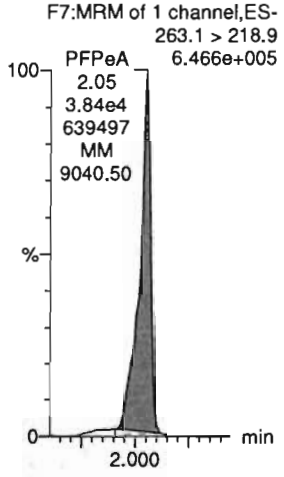
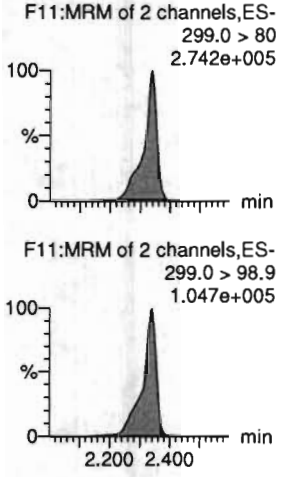
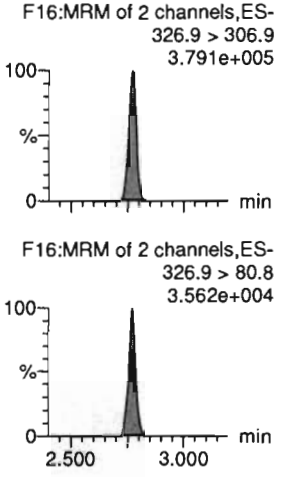


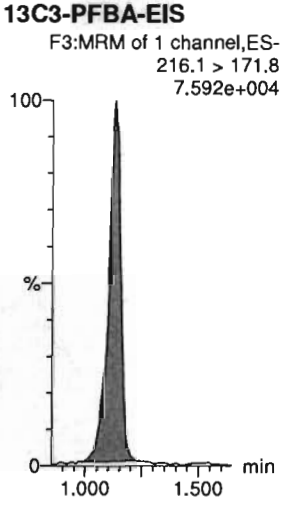
PFBS



4:2 FTS



13C3-PFBA-EIS



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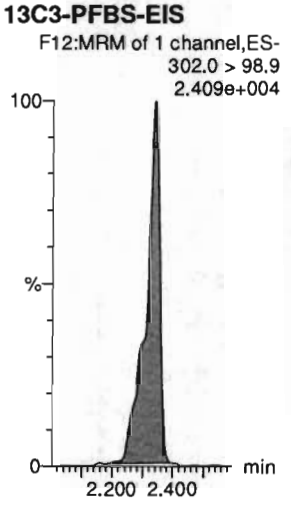

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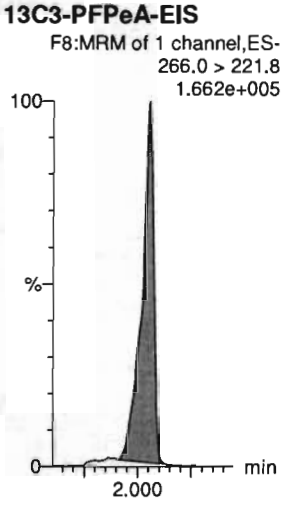

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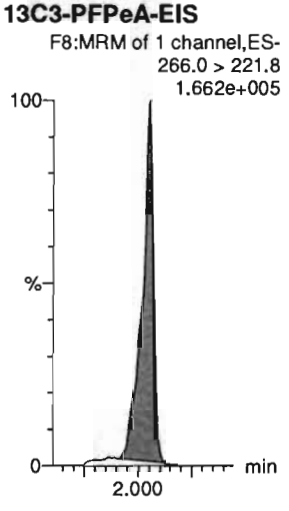

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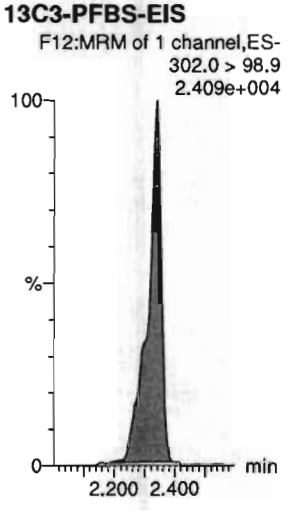
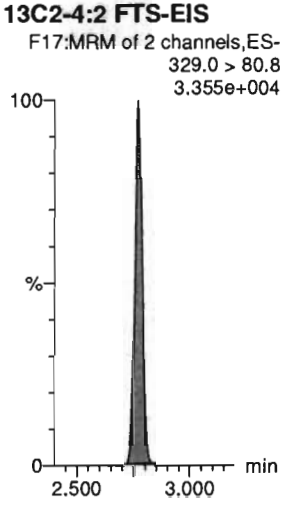


13C2-4:2 FTS-EIS



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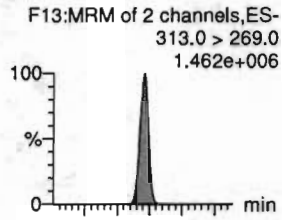
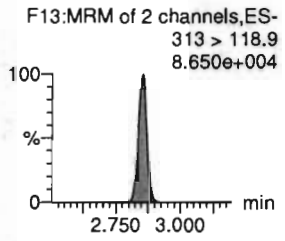
Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

PFHxA





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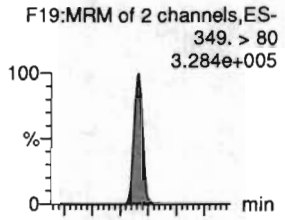
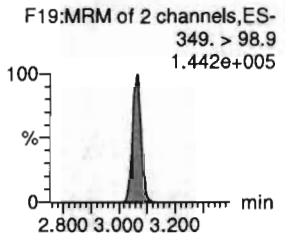
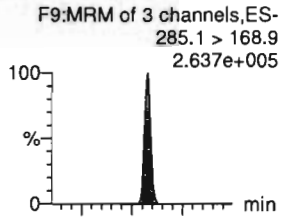
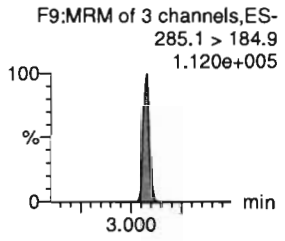


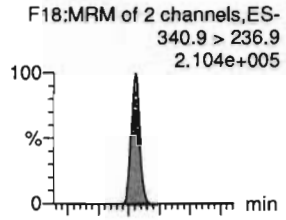


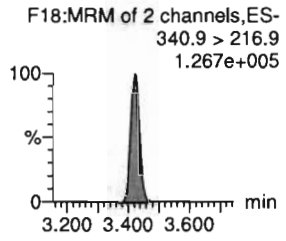
HFPO-DA





5:3 FTCA





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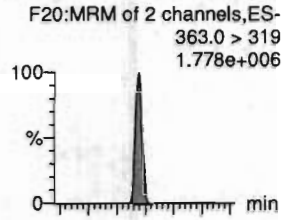
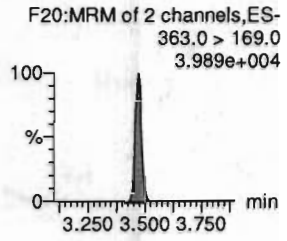
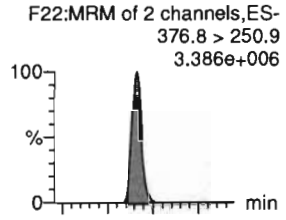
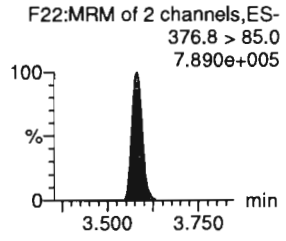


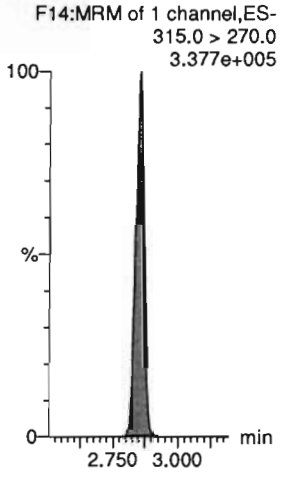


ADONA

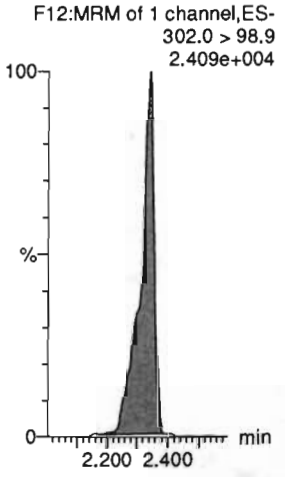




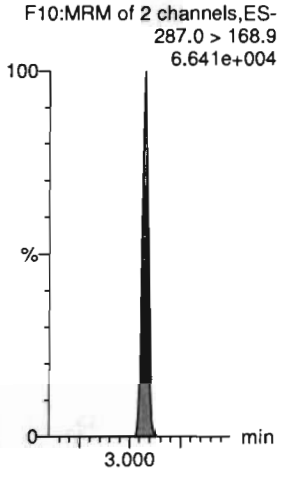
13C2-PFHxA-EIS



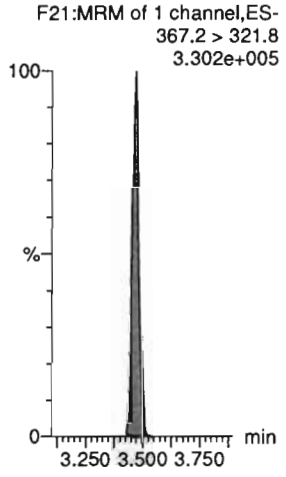
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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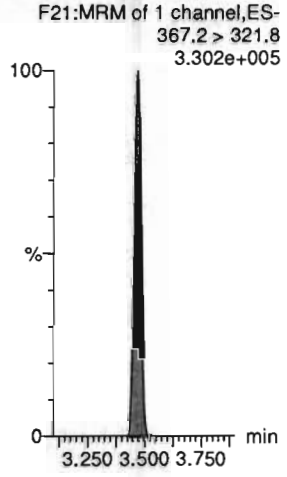

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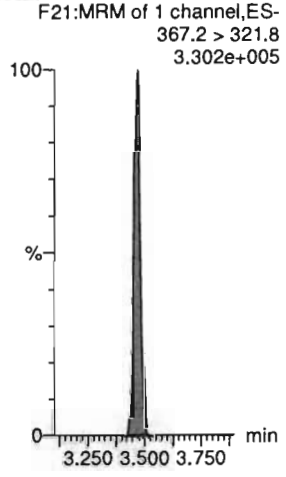

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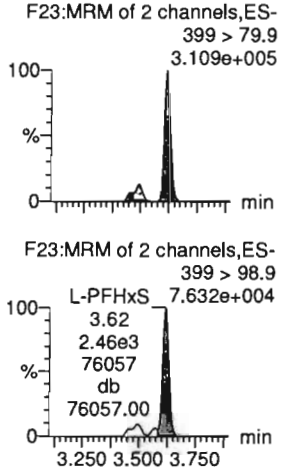
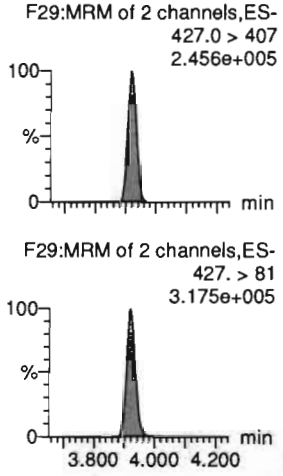
Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

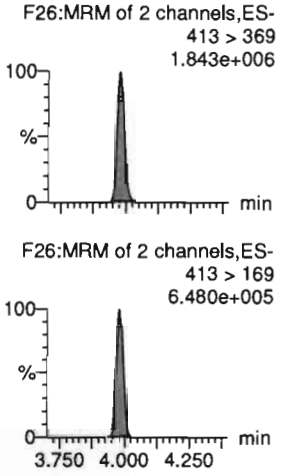
L-PFHxS



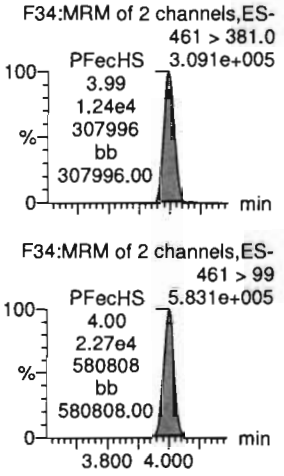
6:2 FTS



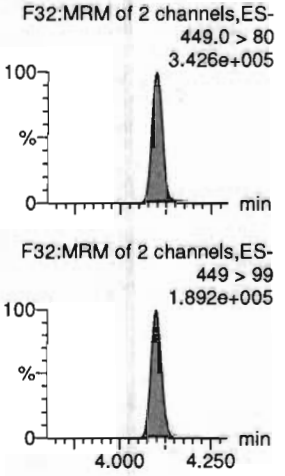
L-PFOA



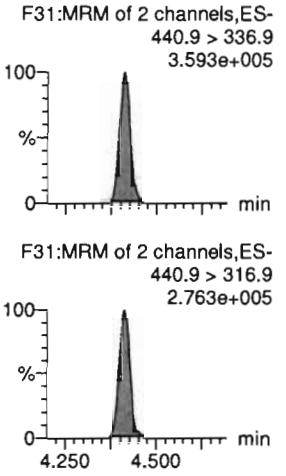
PFEChS



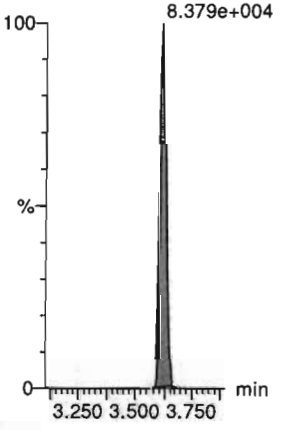
PFHpS



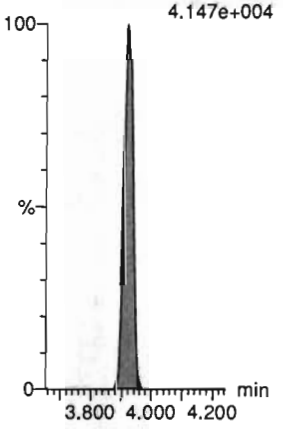
7:3 FTCA



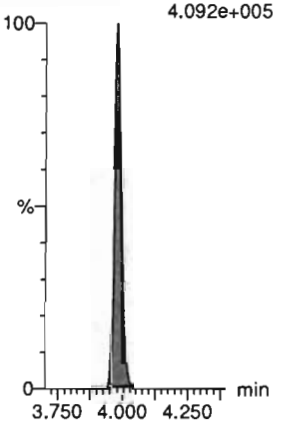
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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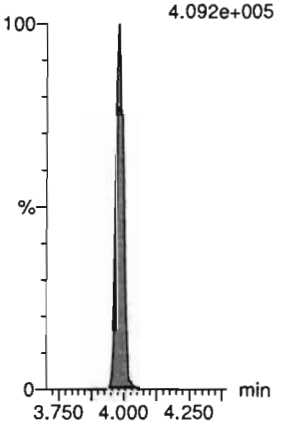
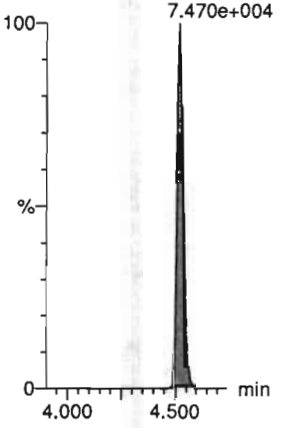
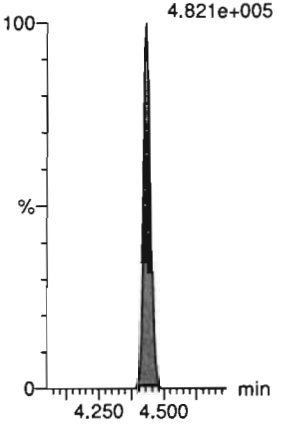


13C8-PFOS-EIS



13C5-PFNA-EIS



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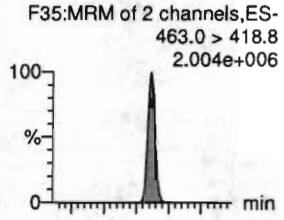
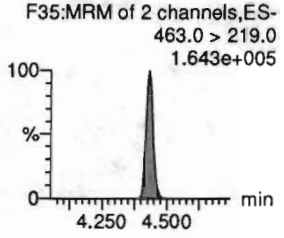
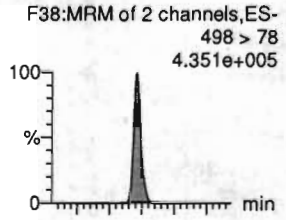
Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

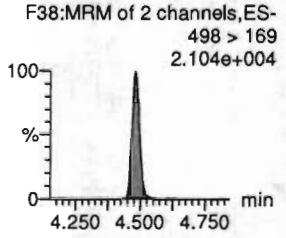
PFNA



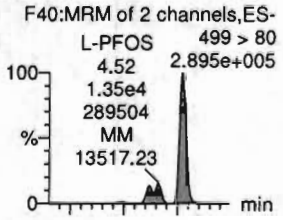


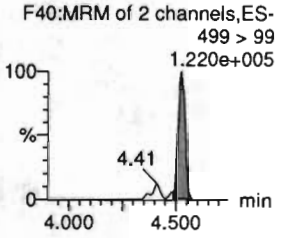
PFOSA





L-PFOS





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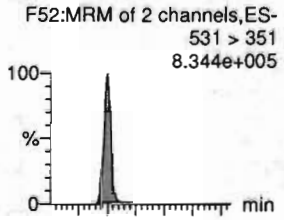
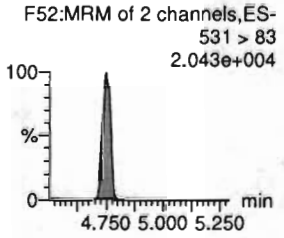
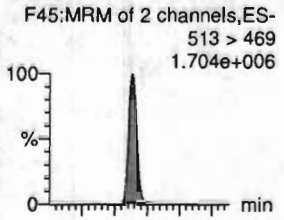
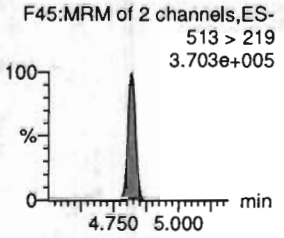


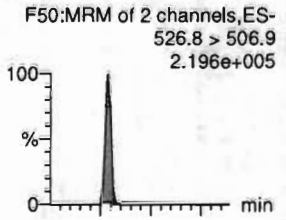


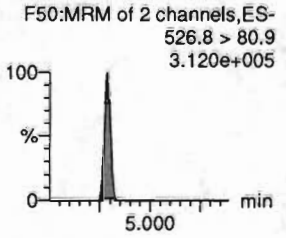
PFDA



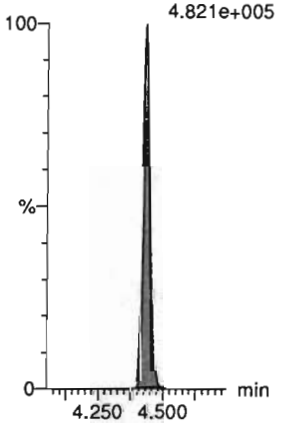


8:2 FTS

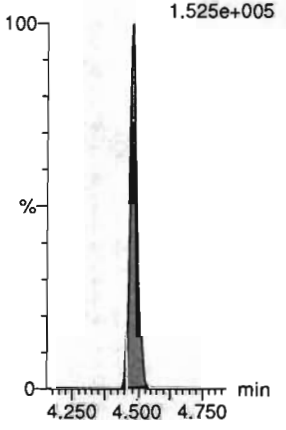




13C5-PFNA-EIS



13C8-PFOSA-EIS



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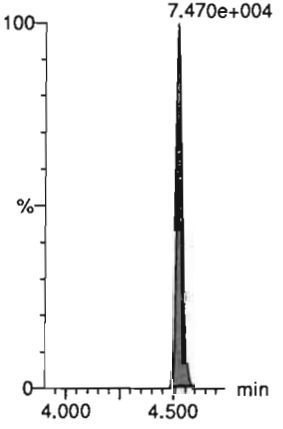

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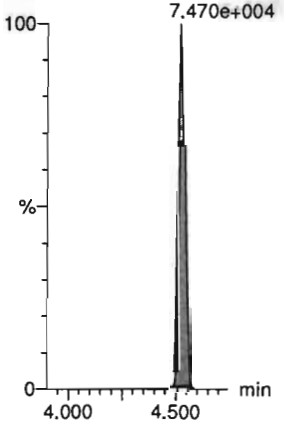

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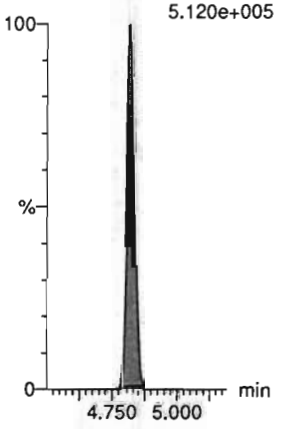
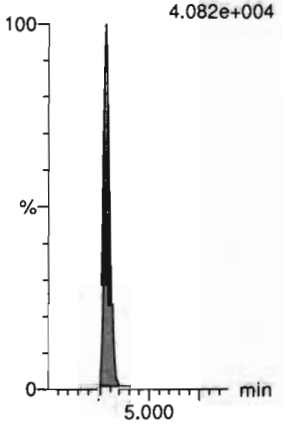


13C2-8:2 FTS-EIS



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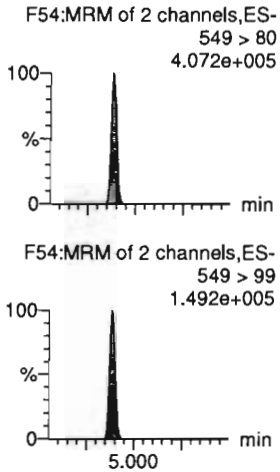
Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

PFNS



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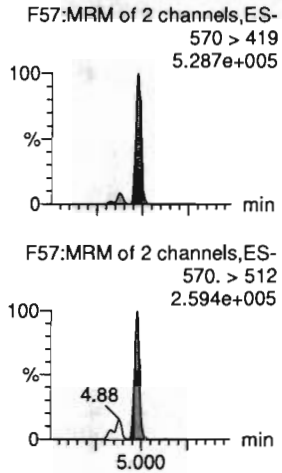

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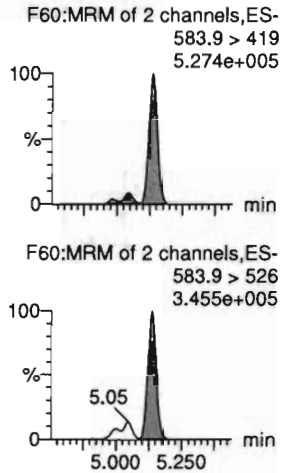

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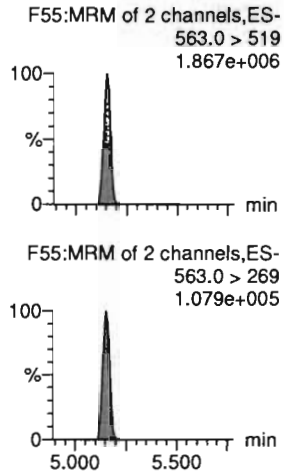

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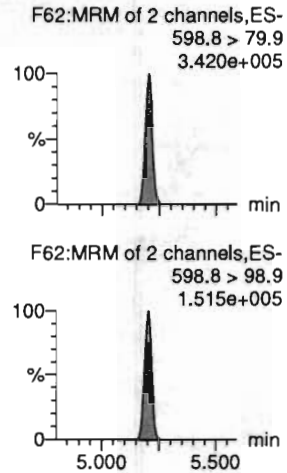

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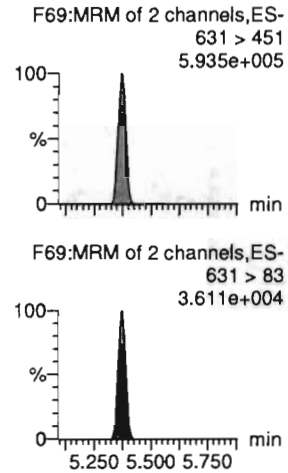
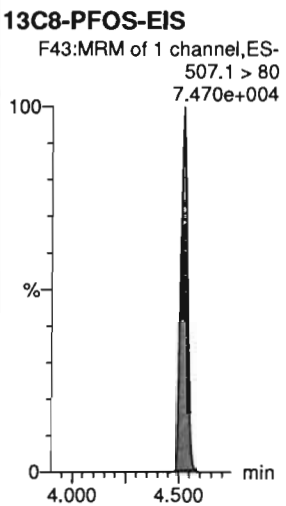
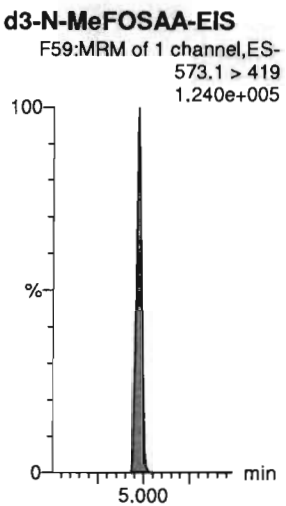


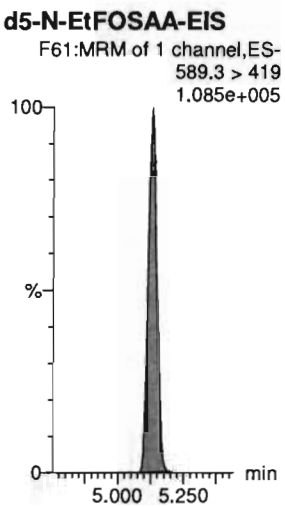
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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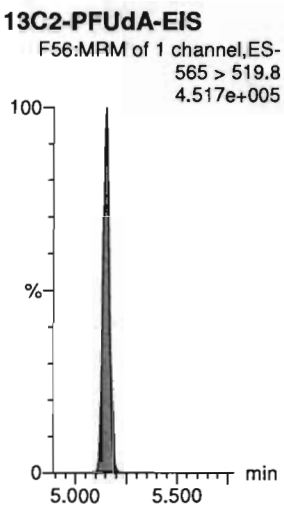

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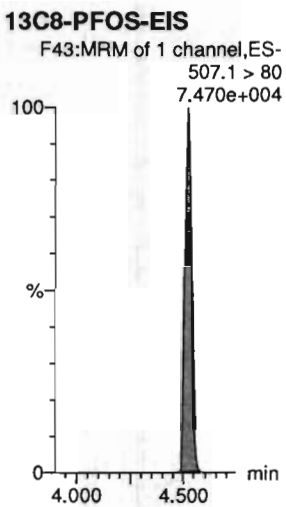
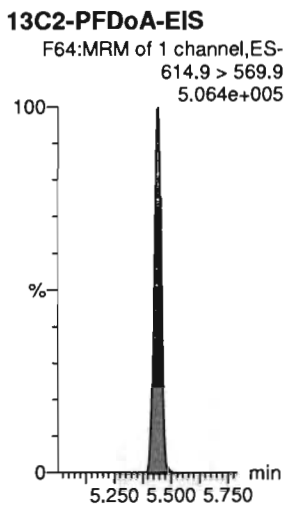


13C2-PFDoA-EIS



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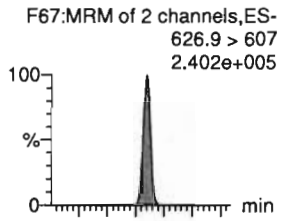
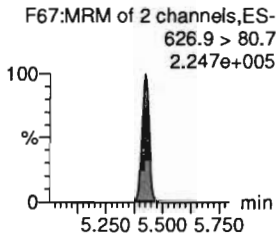
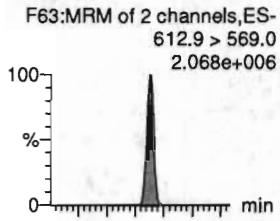
Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

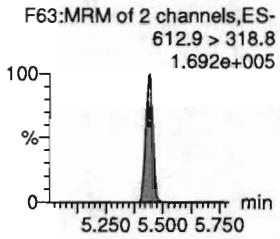
10:2 FTS



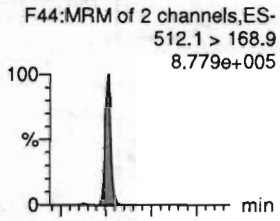


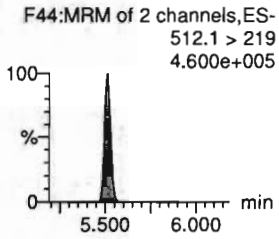
PFDoA





N-MeFOSA





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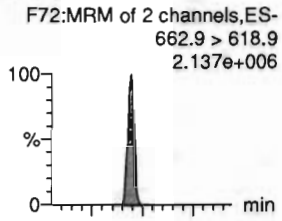

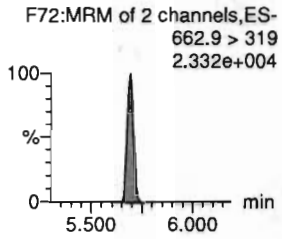

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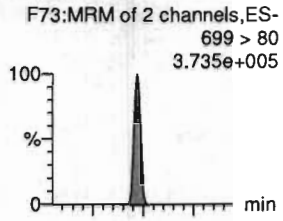
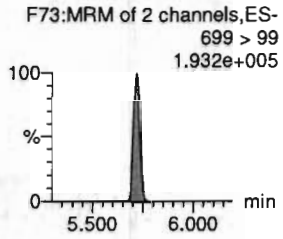
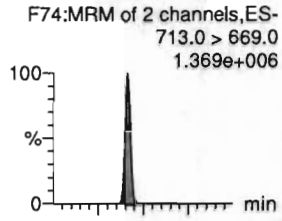
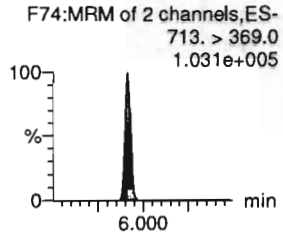


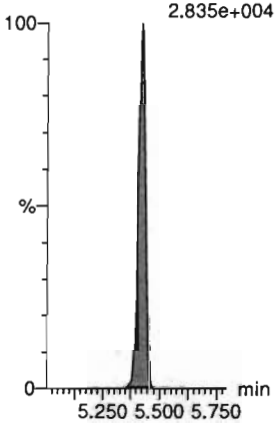


PFTeDA

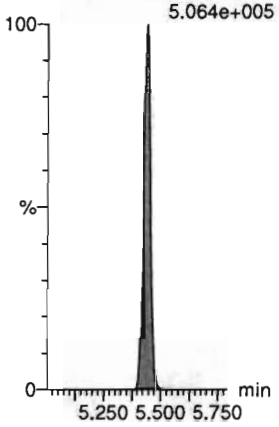




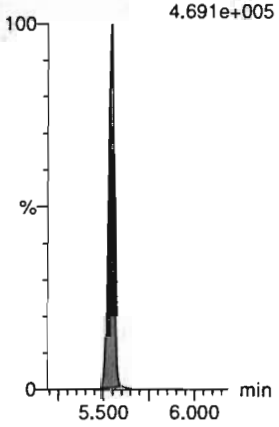
13C2-10:2 FTS-EIS



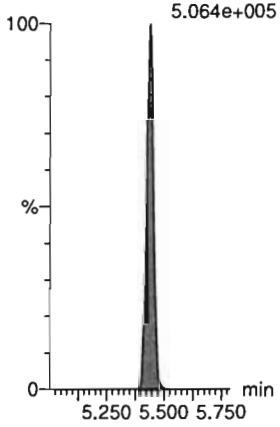
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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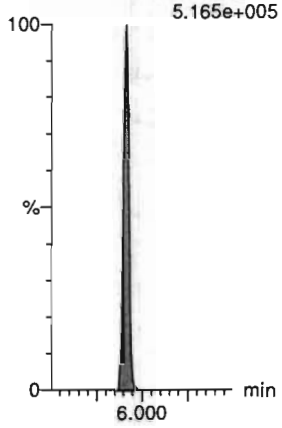

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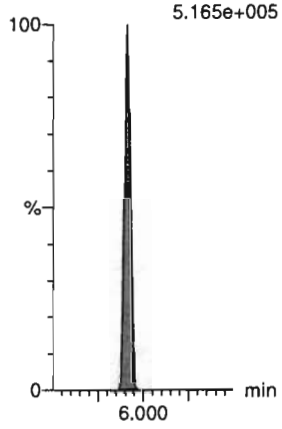

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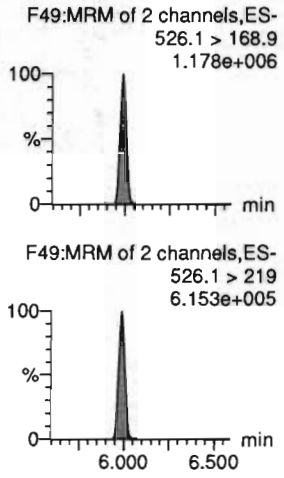
N-EtFOSA



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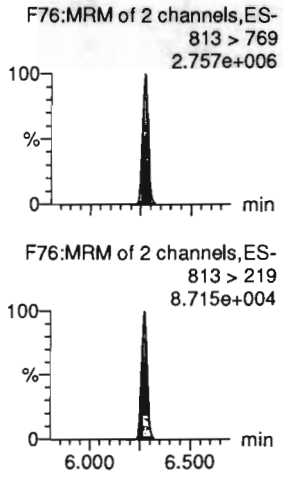

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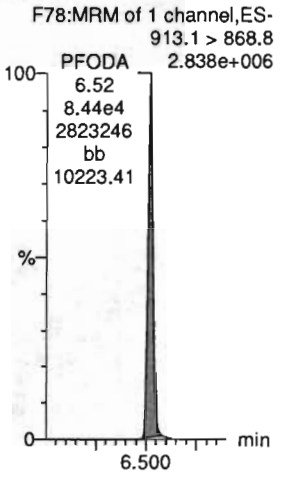
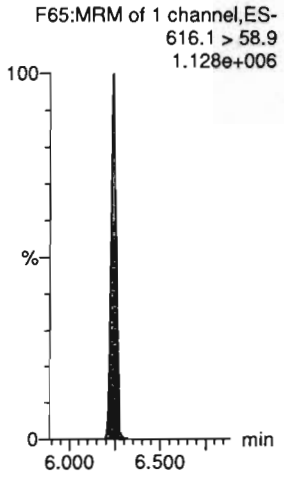


N-MeFOSE



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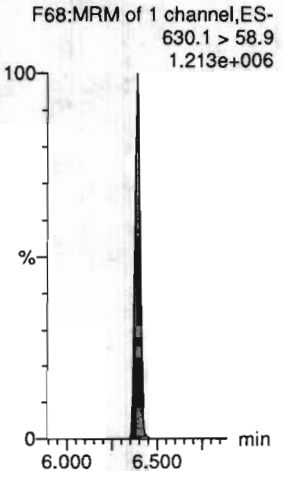
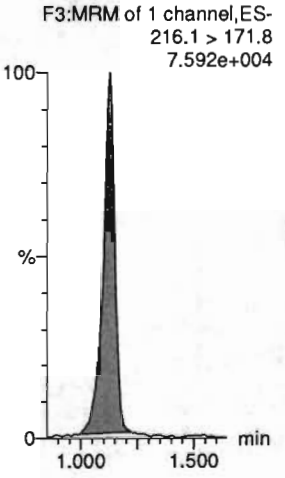
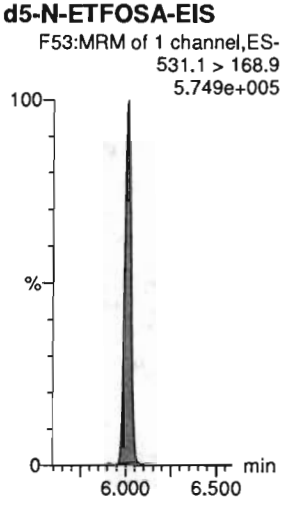


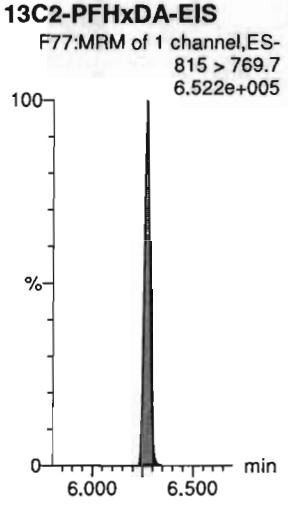
13C3-PFBA-RSD



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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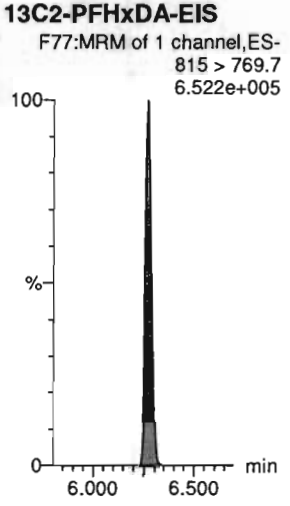
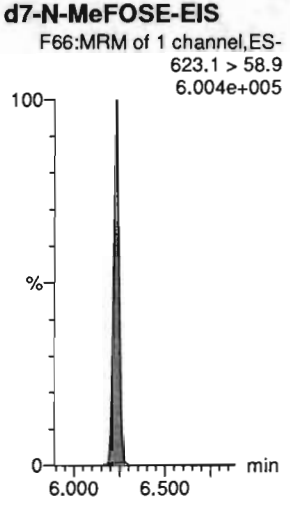


d7-N-MeFOSE-EIS



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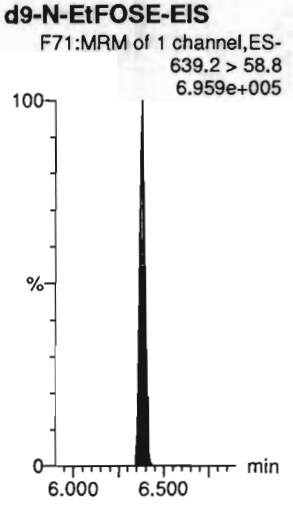

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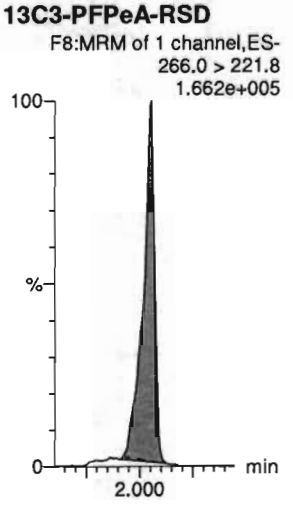

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Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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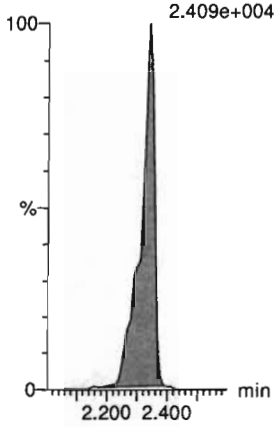
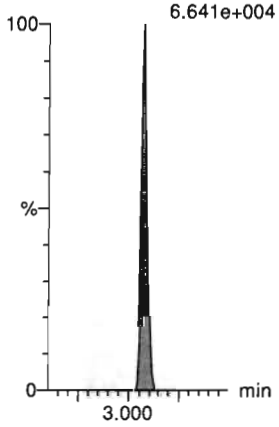
Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

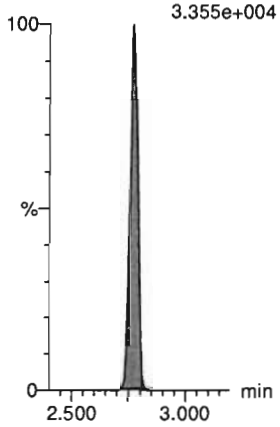
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.409e+004



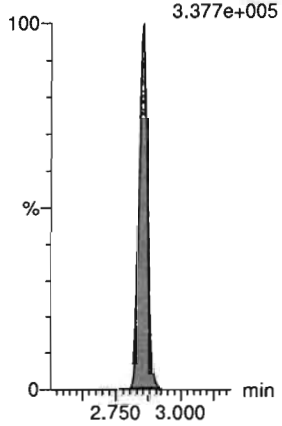
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.641e+004



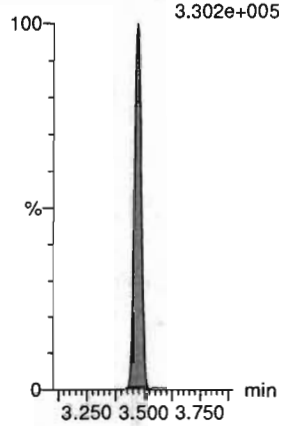
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.355e+004



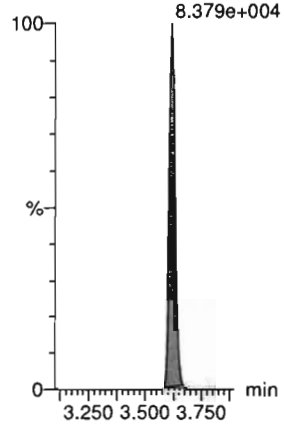
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.377e+005



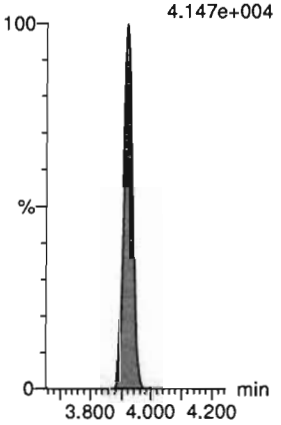
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.302e+005



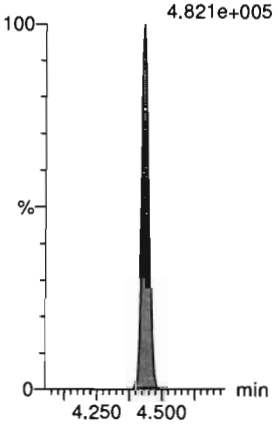
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.379e+004



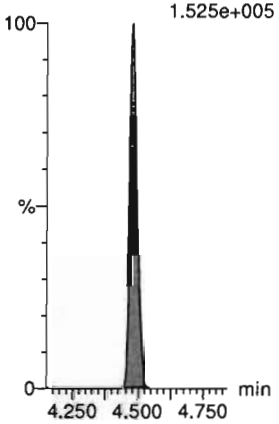
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.147e+004



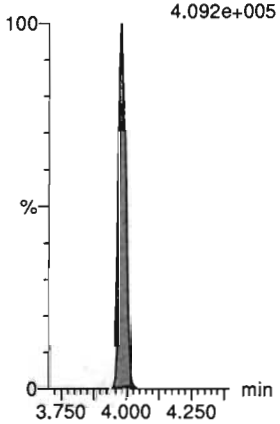
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.821e+005



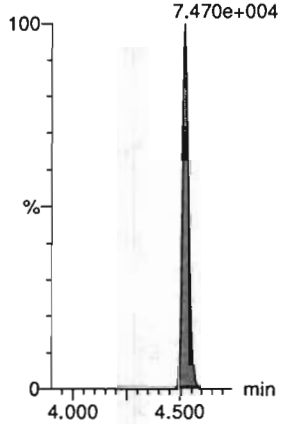
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.525e+005



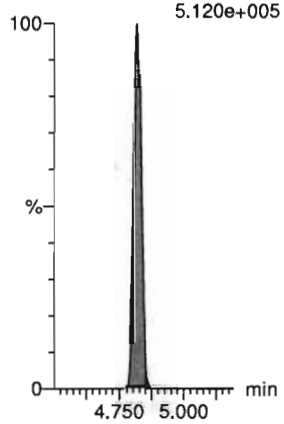
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.092e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.470e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.120e+005

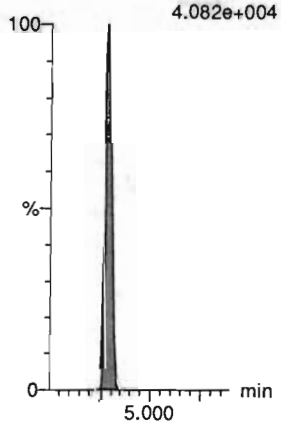


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

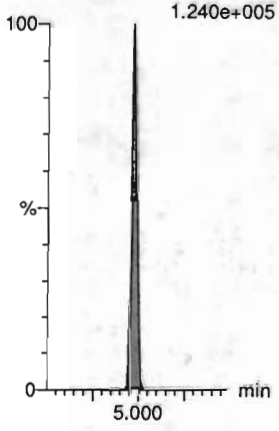
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

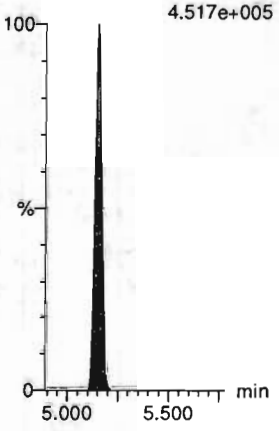
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.082e+004



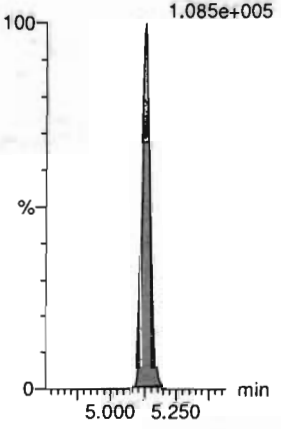
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.240e+005



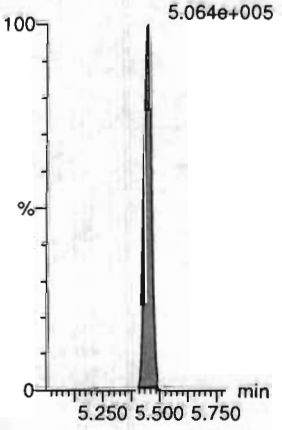
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.517e+005



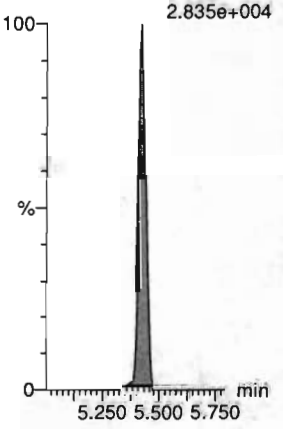
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.085e+005



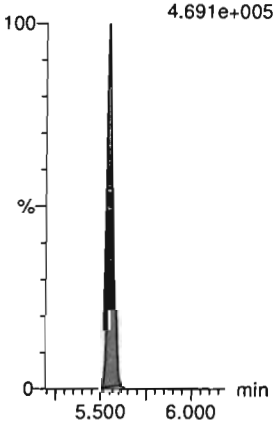
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.064e+005



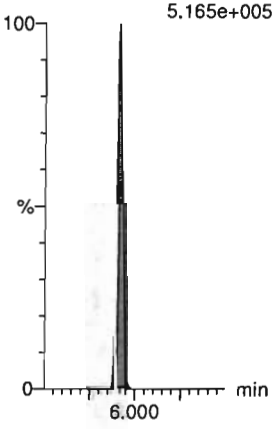
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.835e+004



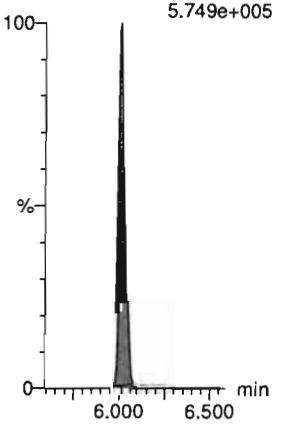
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.691e+005



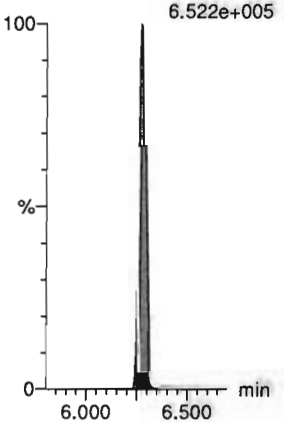
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.165e+005



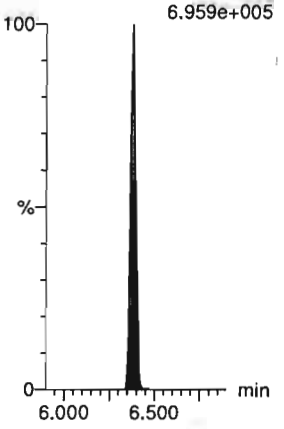
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.749e+005



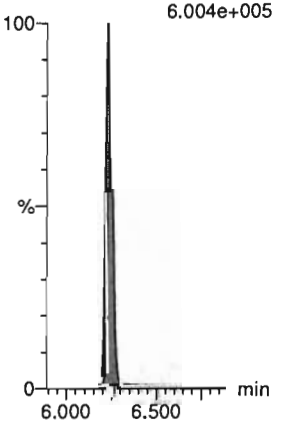
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.522e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.959e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.004e+005

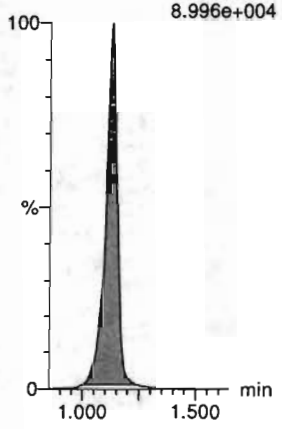


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

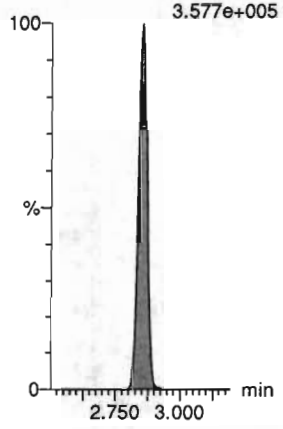
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-11, Date: 23-Jun-2020, Time: 11:55:56, ID: ST200623P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

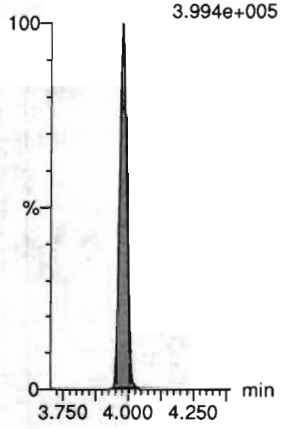
13C4-PFBA



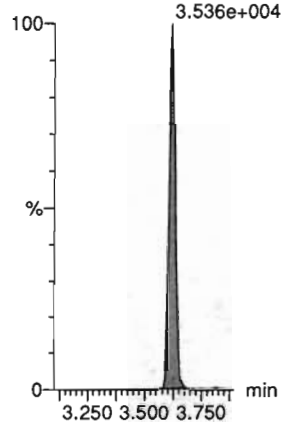
13C5-PFHxA



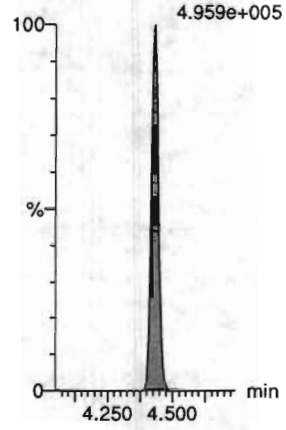
13C8-PFOA



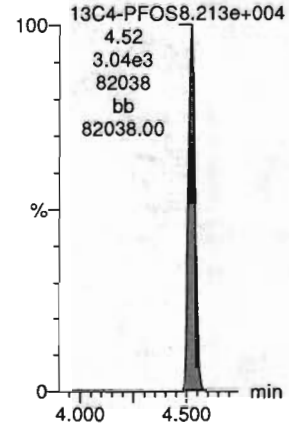
18O2-PFHxS



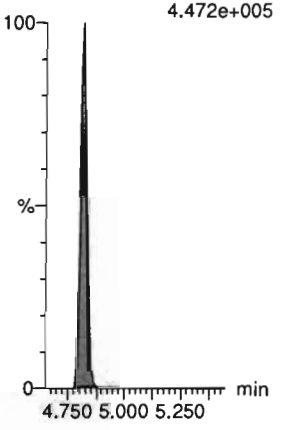
13C9-PFNA



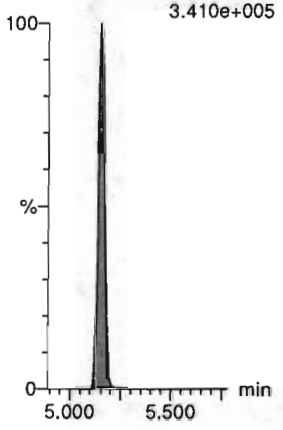
13C4-PFOS



13C6-PFDA



13C7-PFUdA

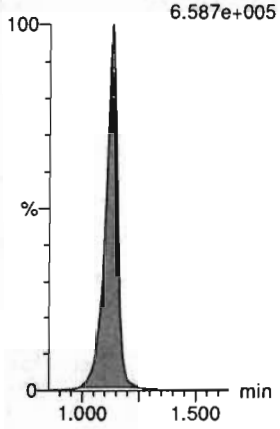


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

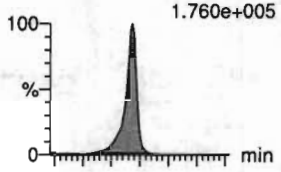
Last Altered: Tuesday, June 23, 2020 16:18:40 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 16:24:14 Pacific Daylight Time

Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

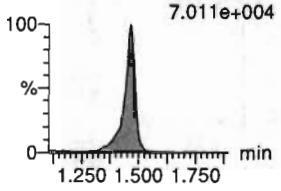
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
6.587e+005



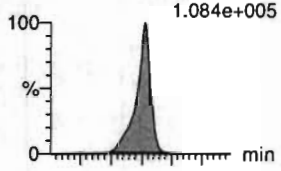
PFPrS
F6:MRM of 2 channels,ES-
249 > 80
1.760e+005



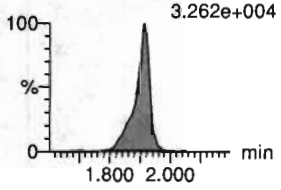
F6:MRM of 2 channels,ES-
249 > 98.9
7.011e+004



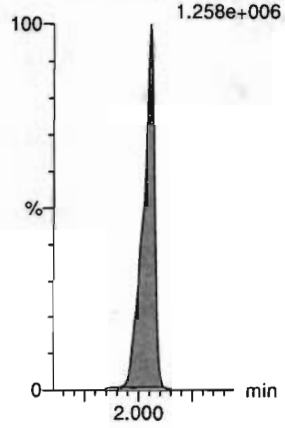
3:3 FTCA
F5:MRM of 2 channels,ES-
240.9 > 176.9
1.084e+005



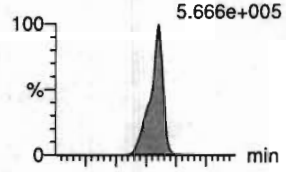
F5:MRM of 2 channels,ES-
240.9 > 116.9
3.262e+004



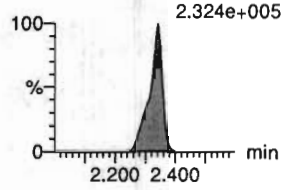
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
1.258e+006



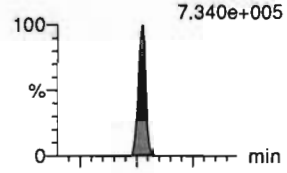
PFBS
F11:MRM of 2 channels,ES-
299.0 > 80
5.666e+005



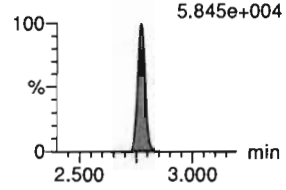
F11:MRM of 2 channels,ES-
299.0 > 98.9
2.324e+005



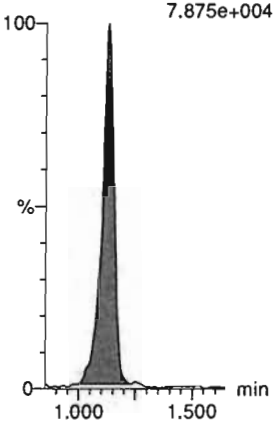
4:2 FTS
F16:MRM of 2 channels,ES-
326.9 > 306.9
7.340e+005



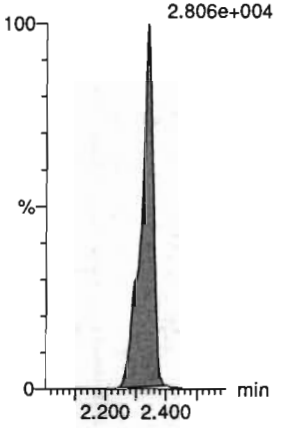
F16:MRM of 2 channels,ES-
326.9 > 80.8
5.845e+004



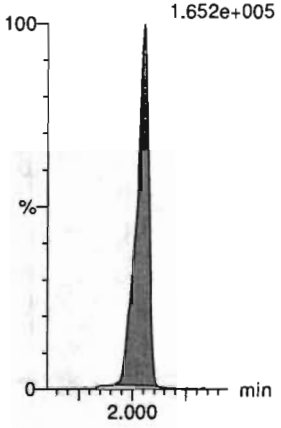
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
7.875e+004



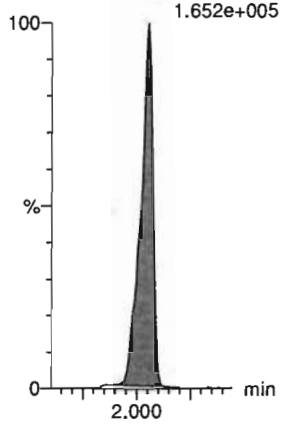
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.806e+004



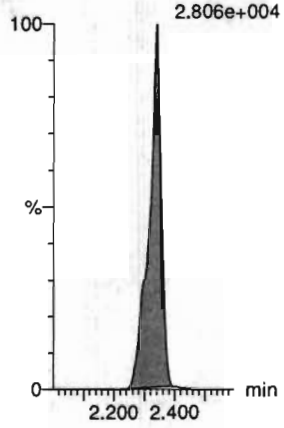
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.652e+005



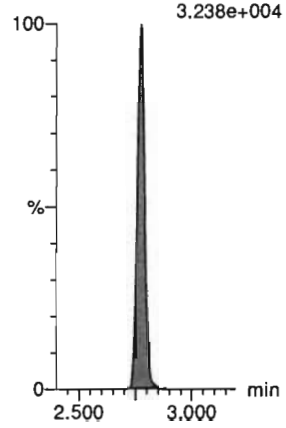
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.652e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.806e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.238e+004



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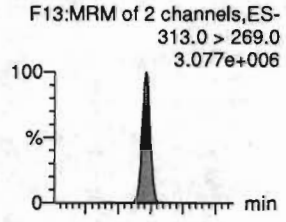
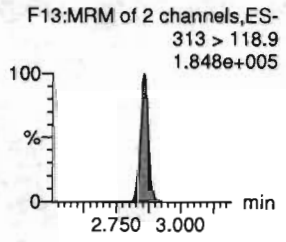
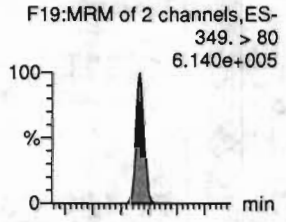
Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

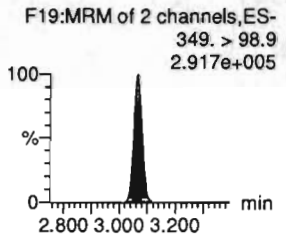
PFHxA



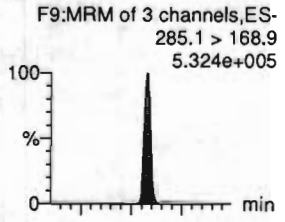


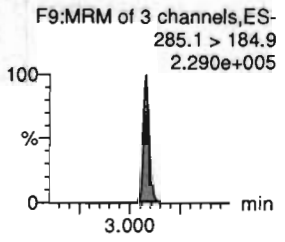
PFPeS



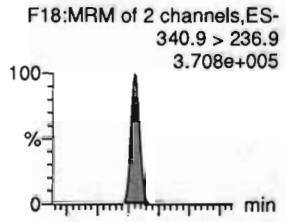


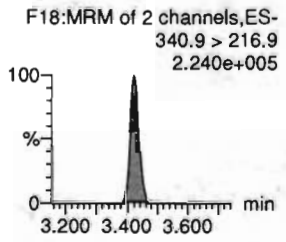
HFPO-DA



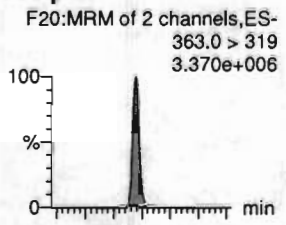


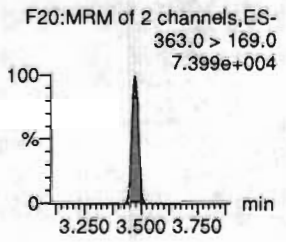
5:3 FTCA



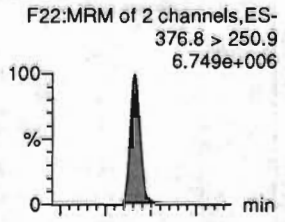


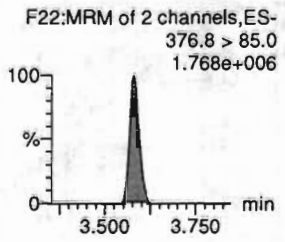
PFHpA



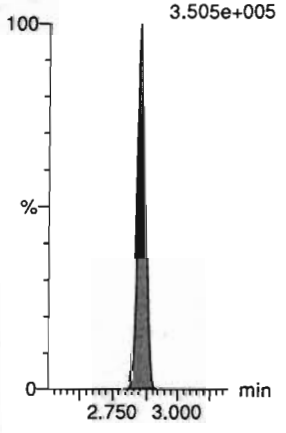


ADONA

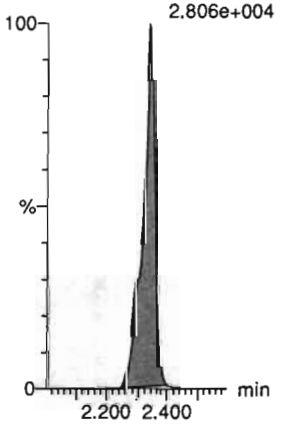




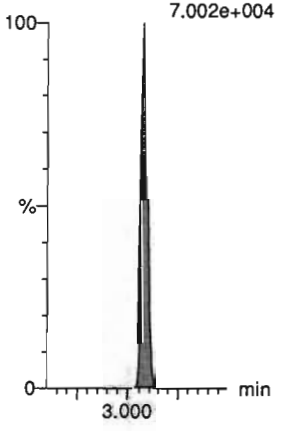
13C2-PFHxA-EIS



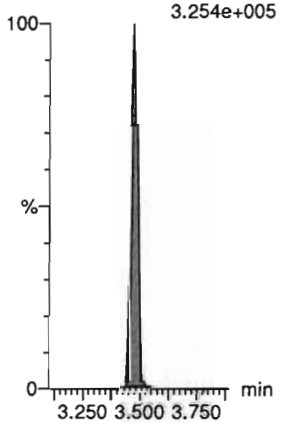
13C3-PFBS-EIS



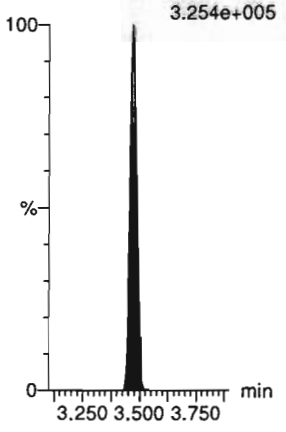
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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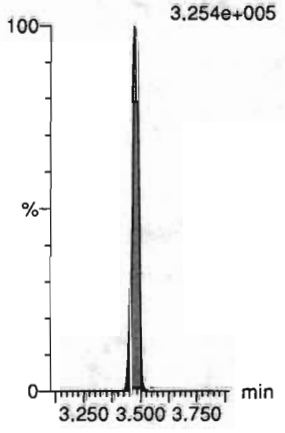

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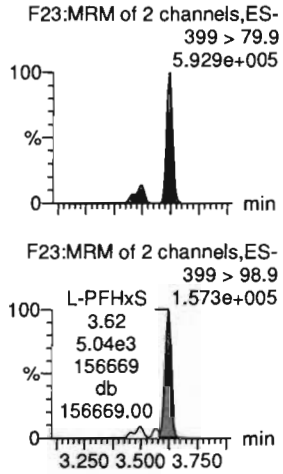
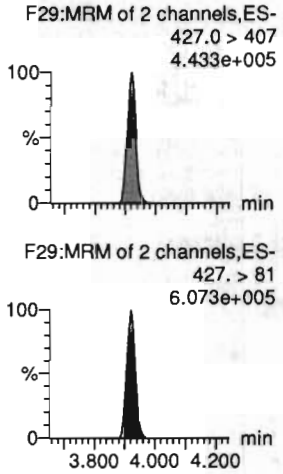
Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

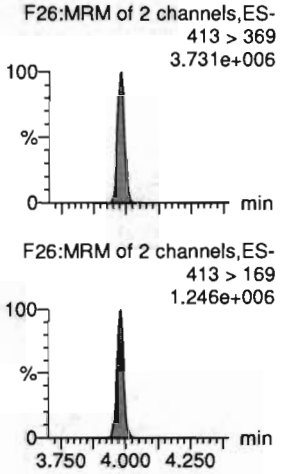
L-PFHxS



6:2 FTS



L-PFOA



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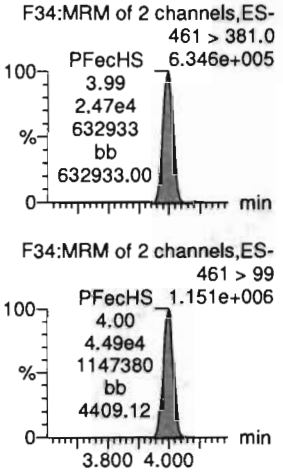

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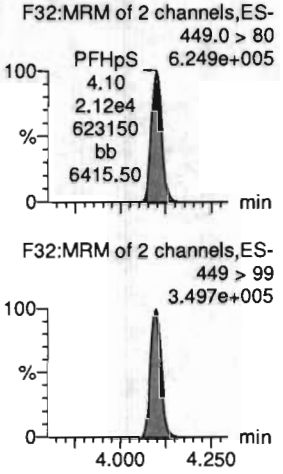
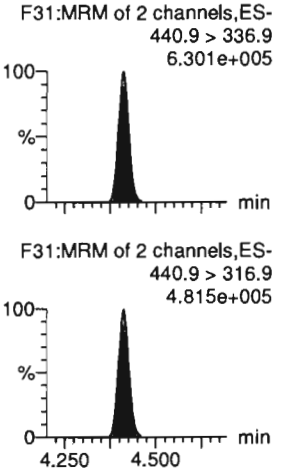


7:3 FTCA



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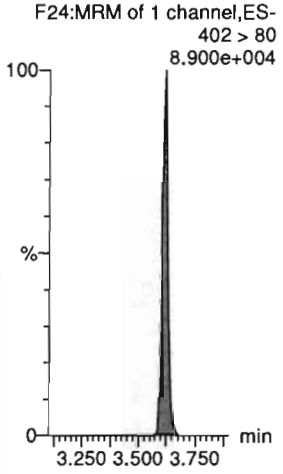
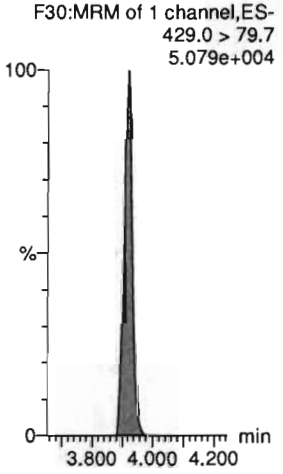


13C2-6:2 FTS-EIS



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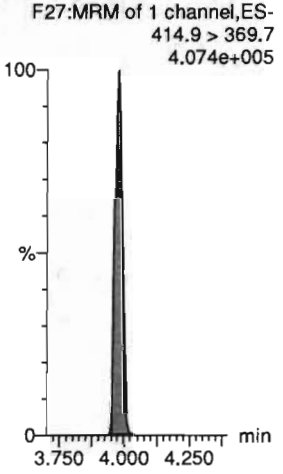

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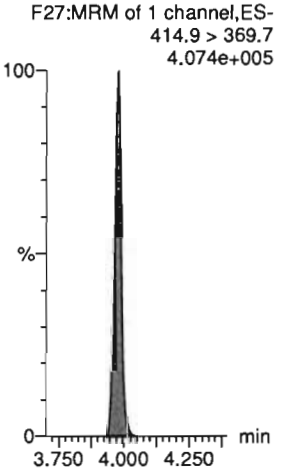
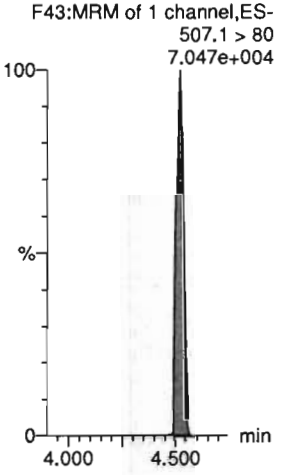
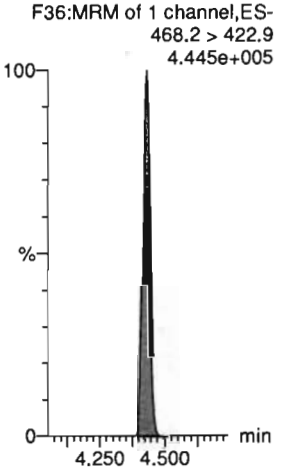


13C8-PFOS-EIS



13C5-PFNA-EIS



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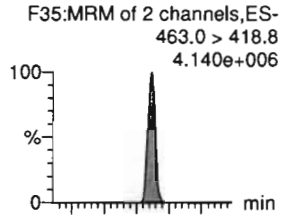
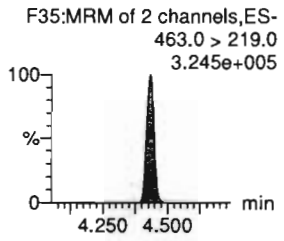
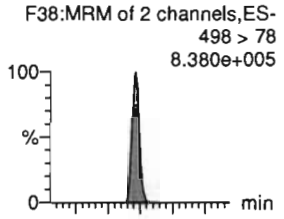
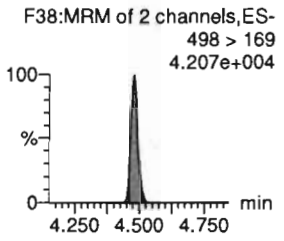
PFNA



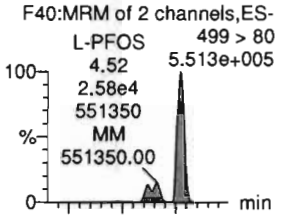


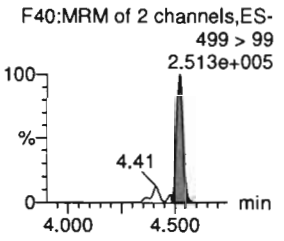
PFOSA





L-PFOS





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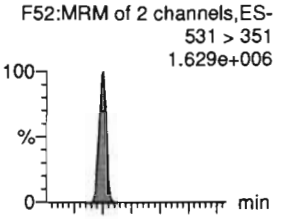
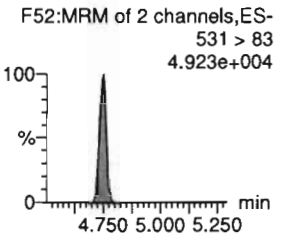
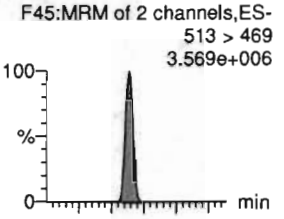
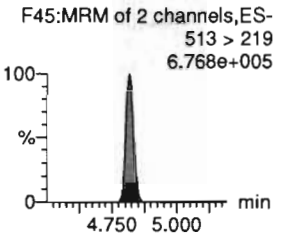


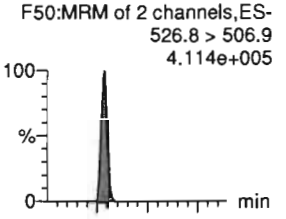


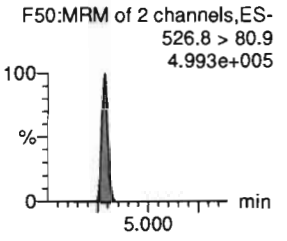
PFDA





8:2 FTS





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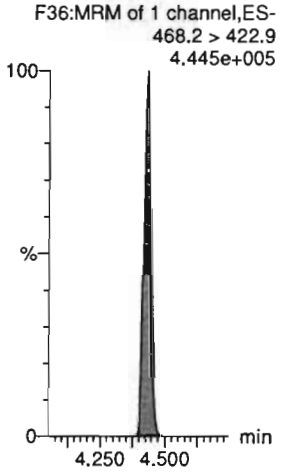
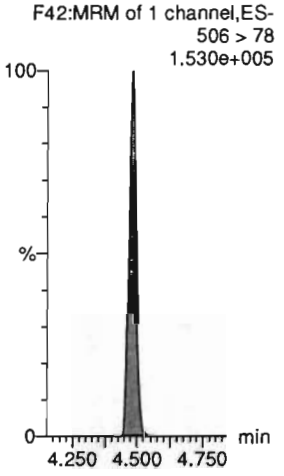


13C8-PFOSA-EIS



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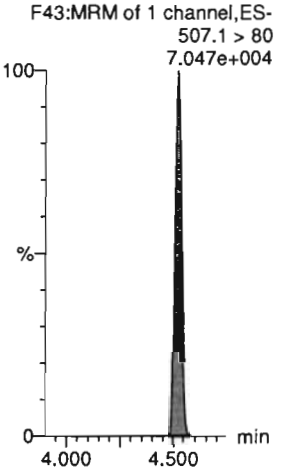

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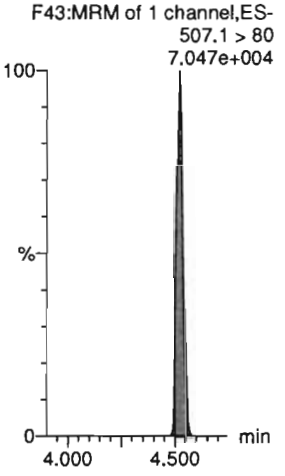
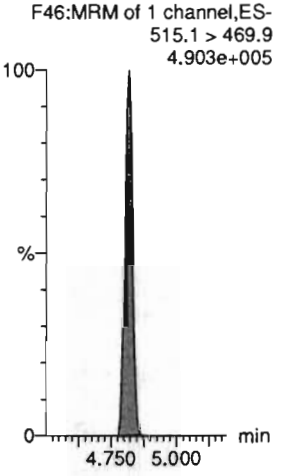
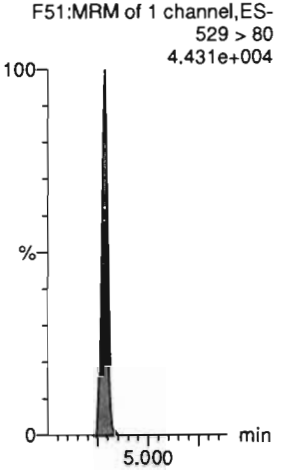


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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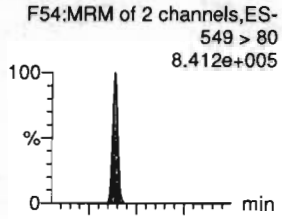
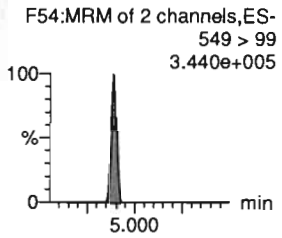
Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

PFNS





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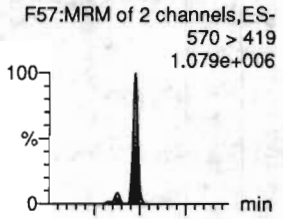

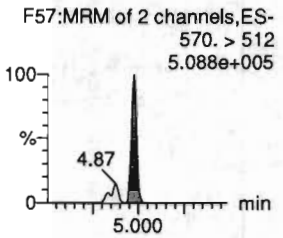

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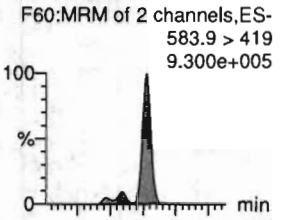

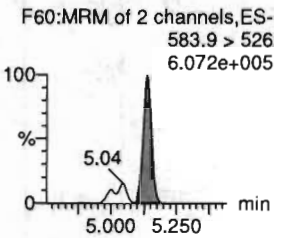

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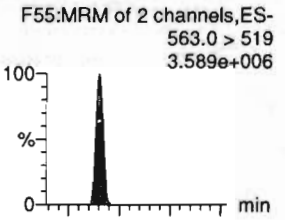

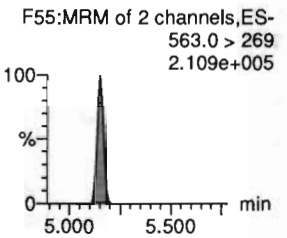

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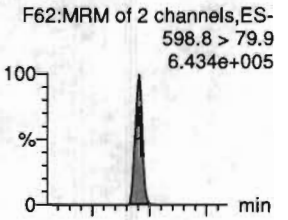
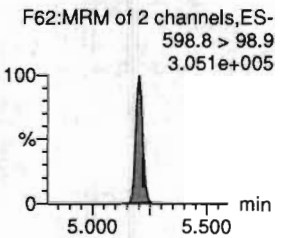
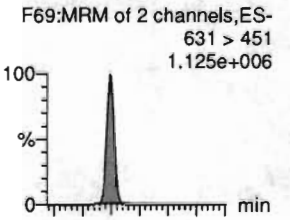
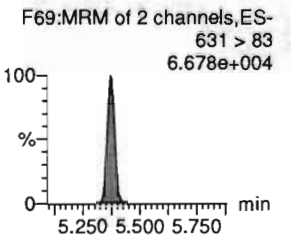


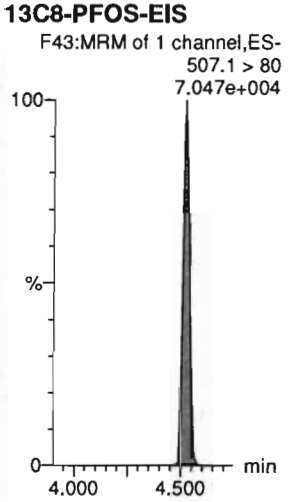


11Cl-PF30UdS

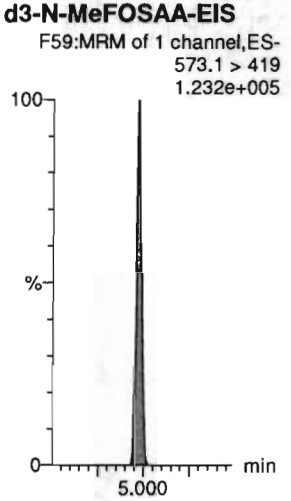




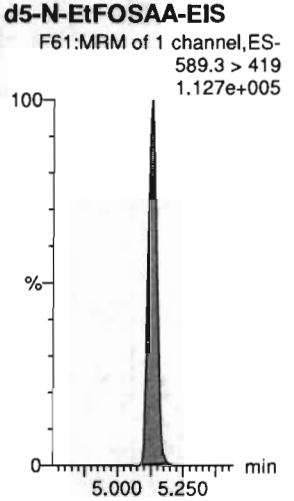
13C8-PFOS-EIS



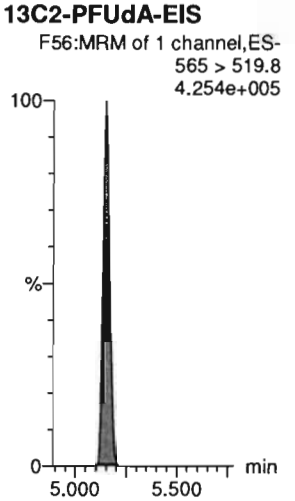
d3-N-MeFOSAA-EIS



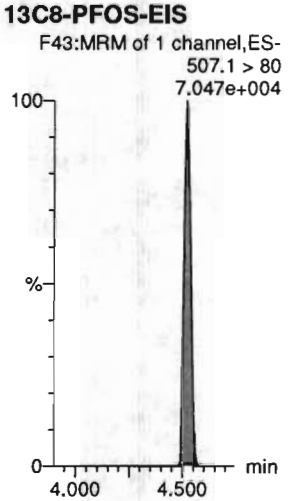
d5-N-EtFOSAA-EIS



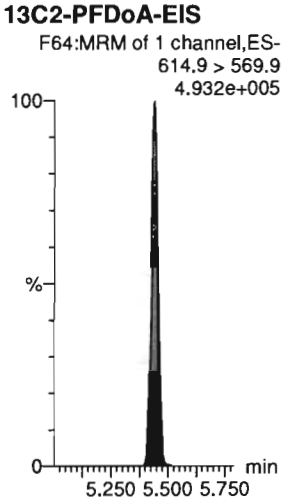
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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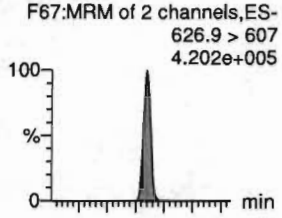
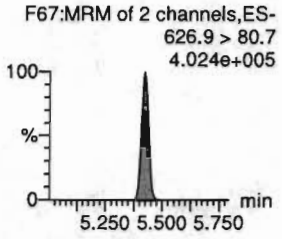
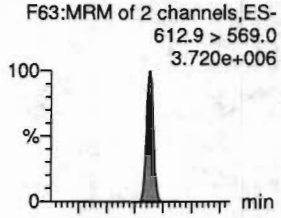
Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

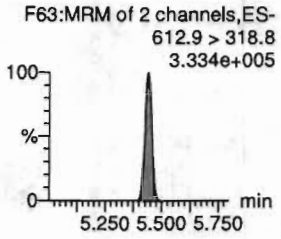
10:2 FTS



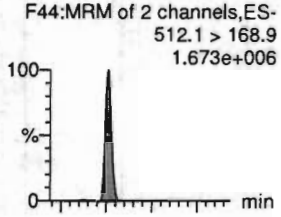


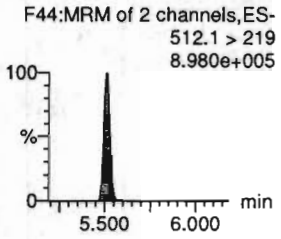
PFDoA





N-MeFOSA





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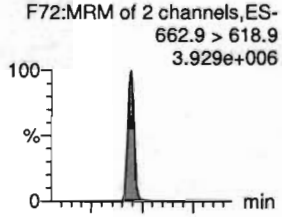

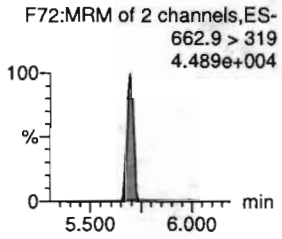

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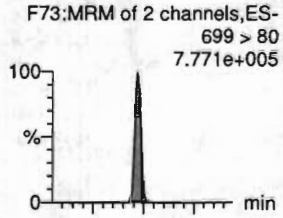

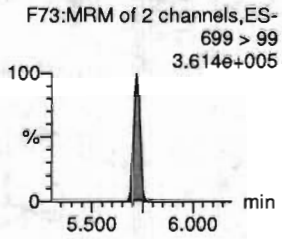

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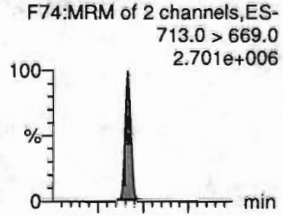
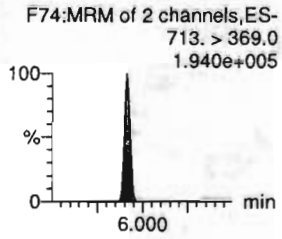
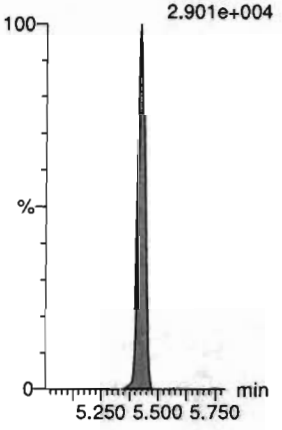
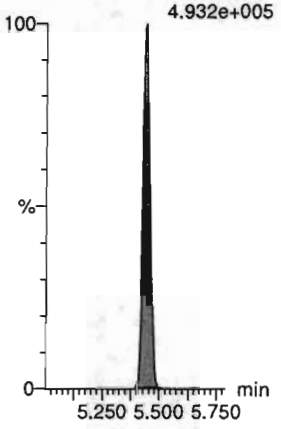




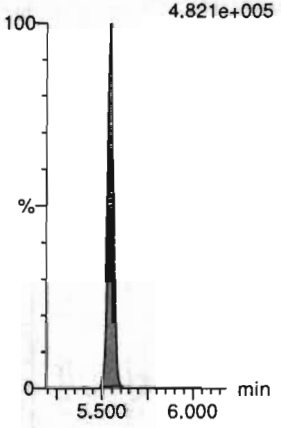
13C2-10:2 FTS-EIS



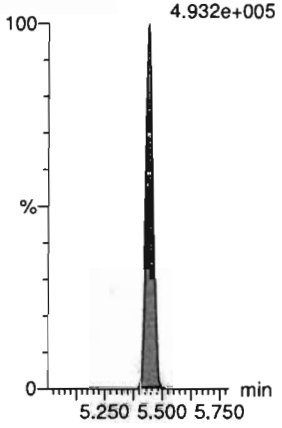
13C2-PFDoA-EIS



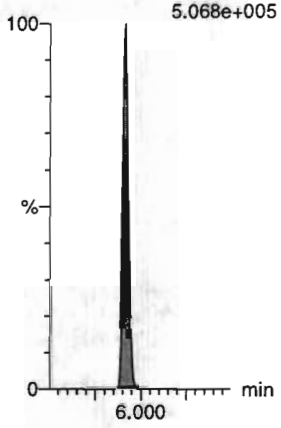
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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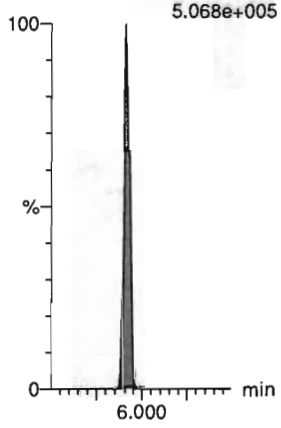

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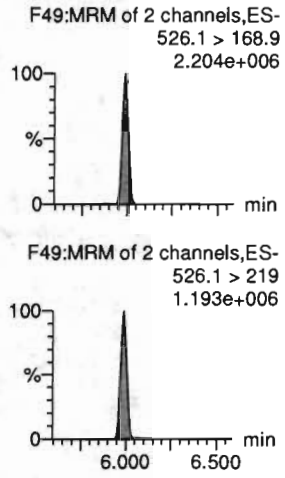
N-EtFOSA



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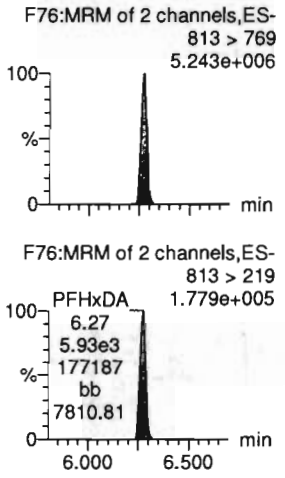

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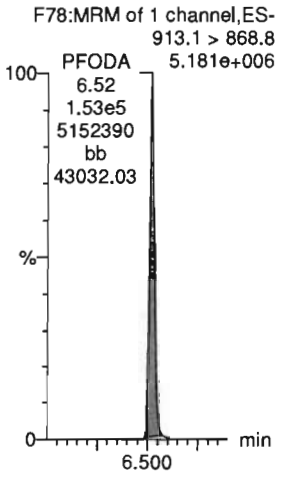
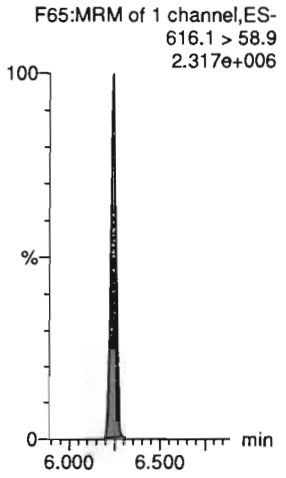


N-MeFOSE



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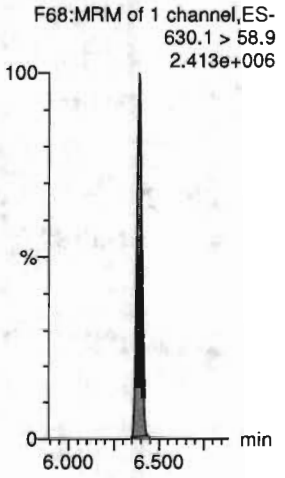

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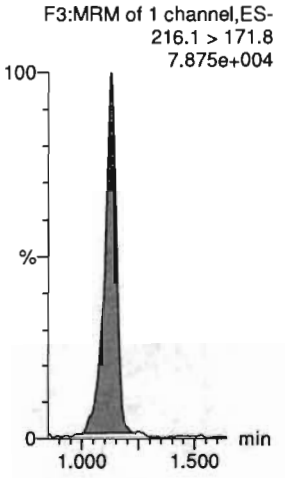
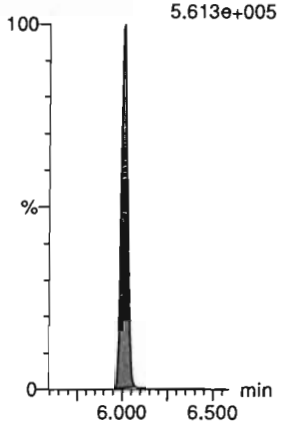
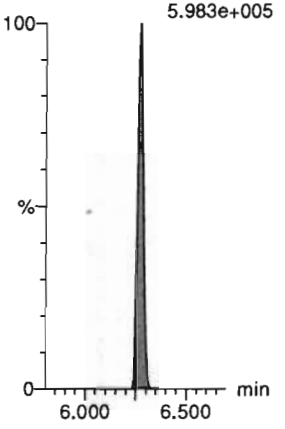


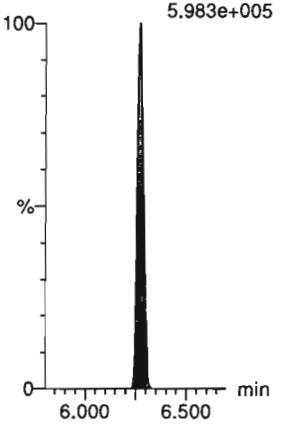
d5-N-ETFOSA-EIS



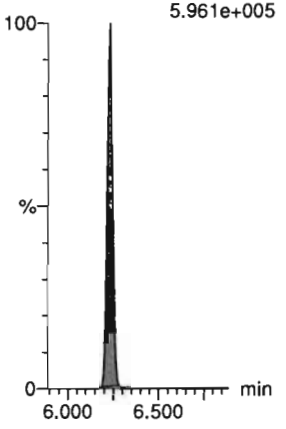
13C2-PFHxDA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



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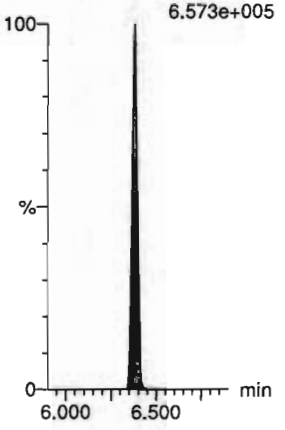

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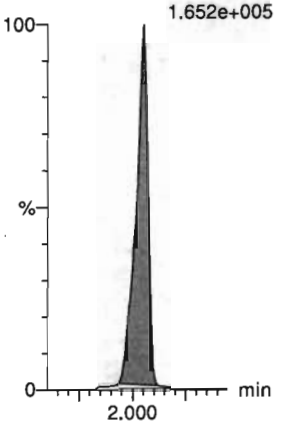

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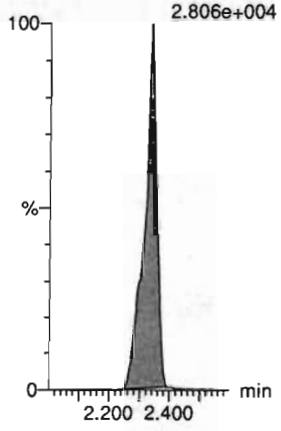
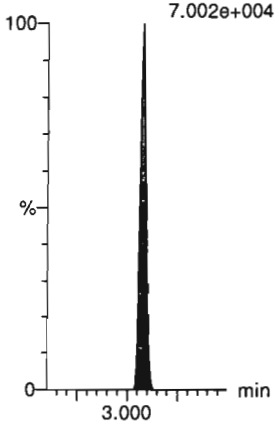
Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

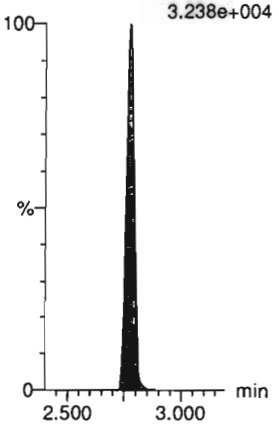
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.806e+004



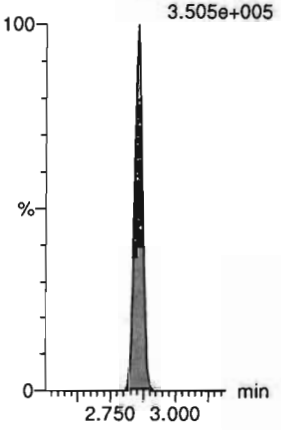
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.002e+004



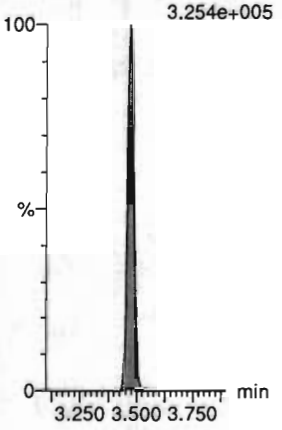
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.238e+004



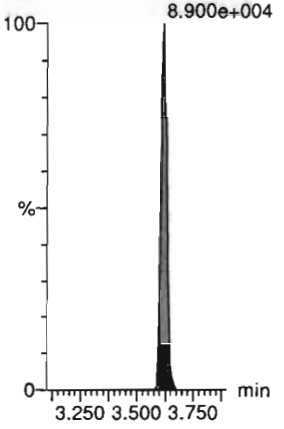
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.505e+005



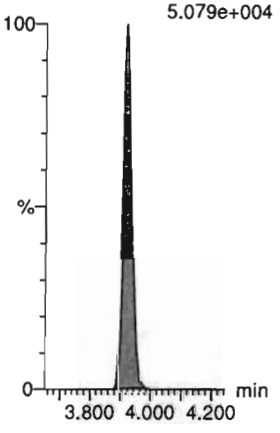
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.254e+005



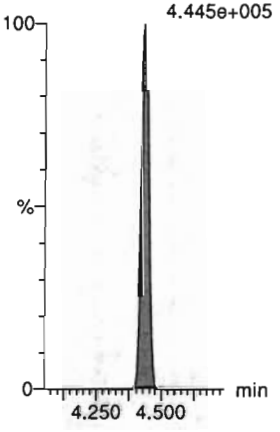
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.900e+004



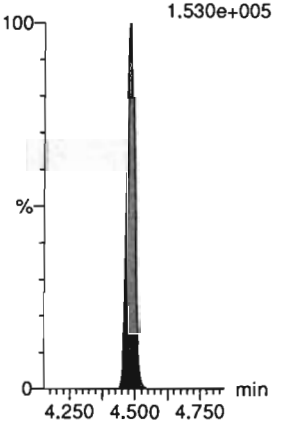
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.079e+004



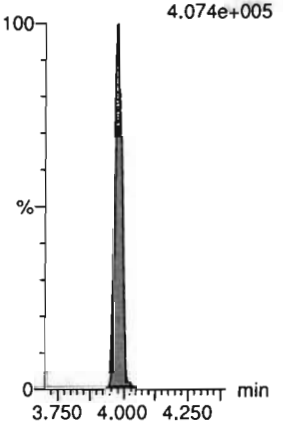
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.445e+005



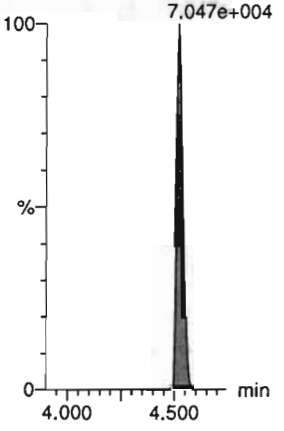
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.530e+005



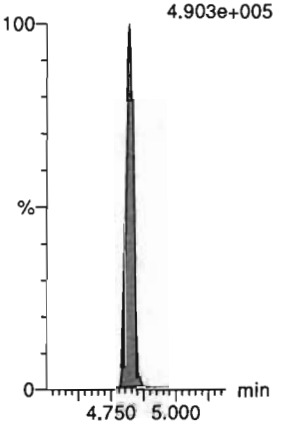
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.074e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.047e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.903e+005

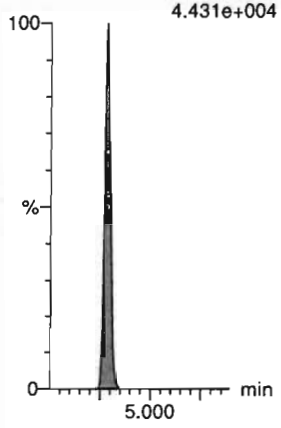


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

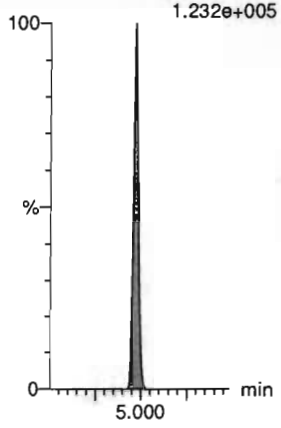
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

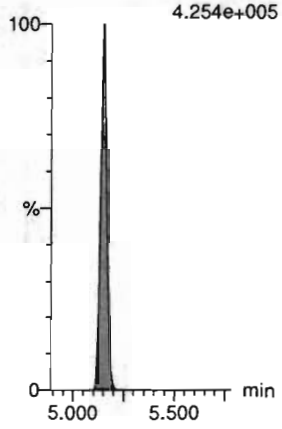
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.431e+004



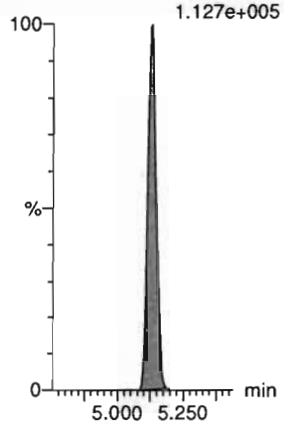
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.232e+005



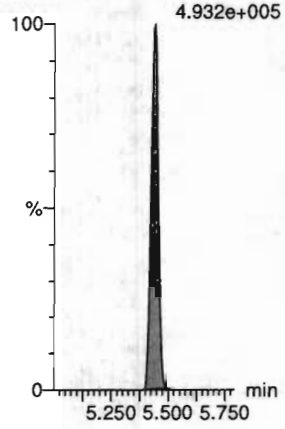
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.254e+005



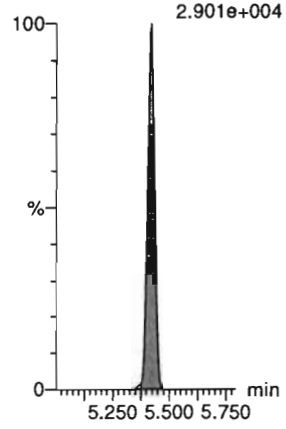
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.127e+005



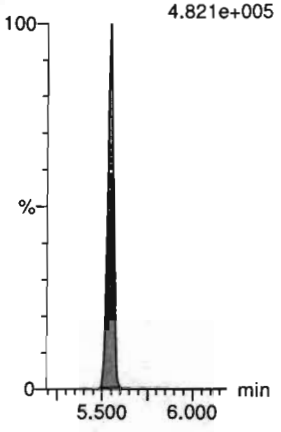
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.932e+005



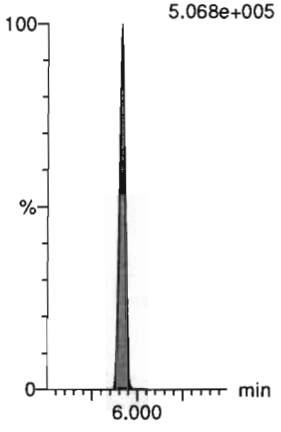
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.901e+004



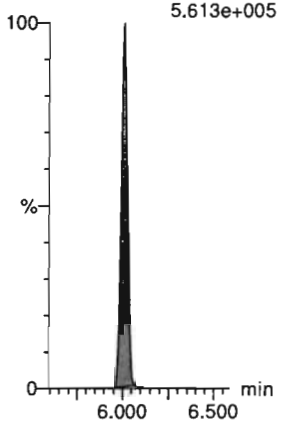
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.821e+005



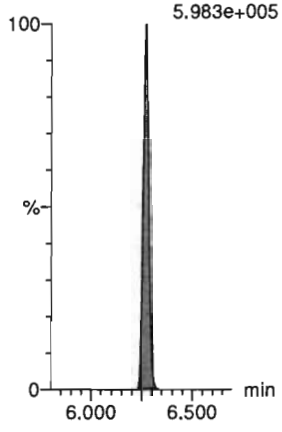
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.068e+005



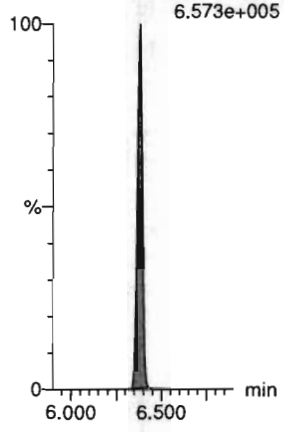
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.613e+005



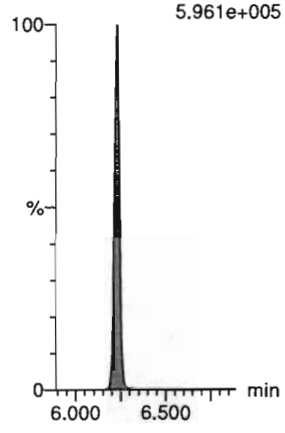
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.983e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.573e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.961e+005

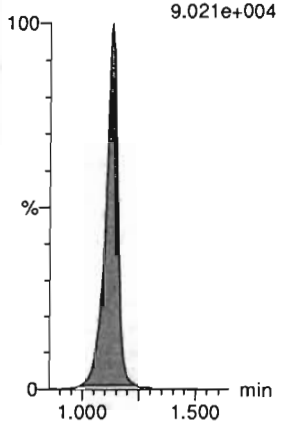


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

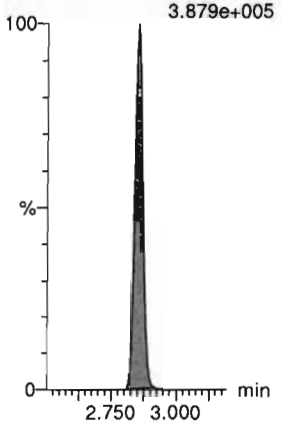
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-12, Date: 23-Jun-2020, Time: 12:06:25, ID: ST200623P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

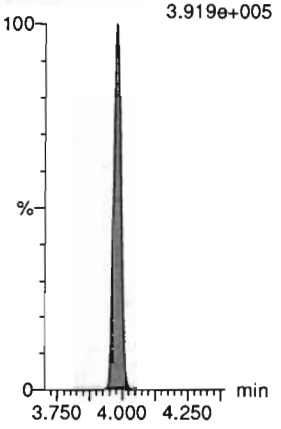
13C4-PFBA



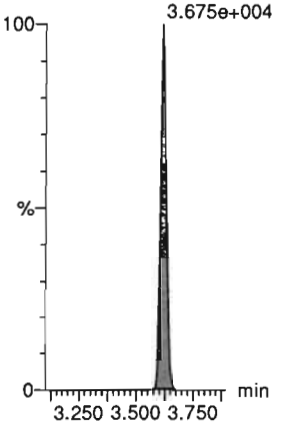
13C5-PFHxA



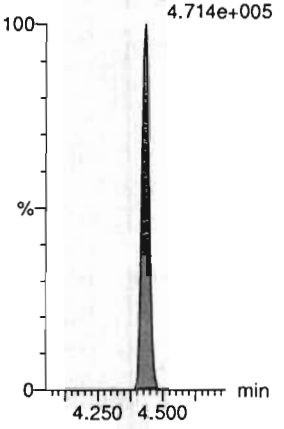
13C8-PFOA



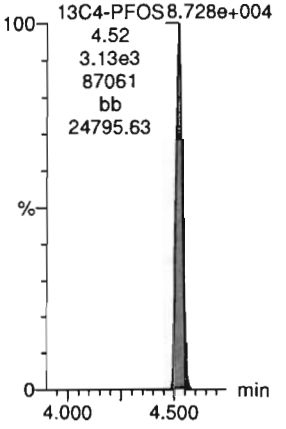
18O2-PFHxS



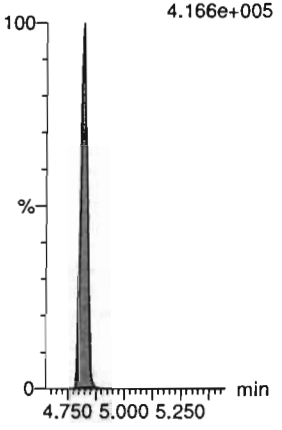
13C9-PFNA



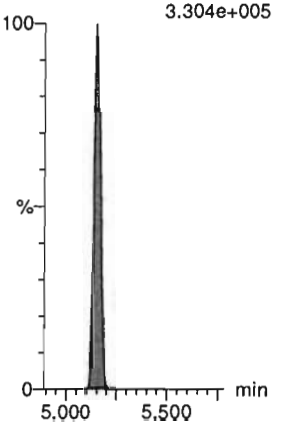
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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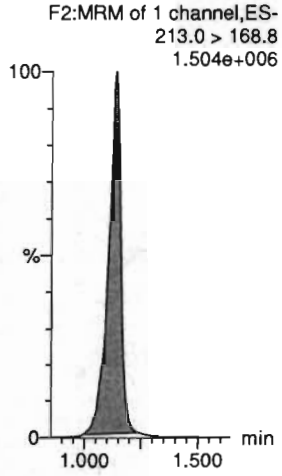
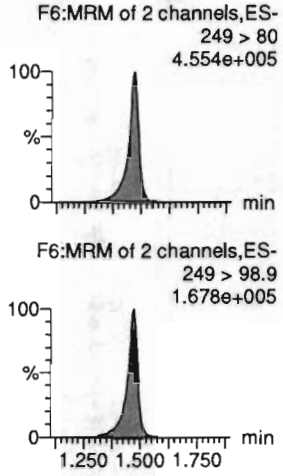
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

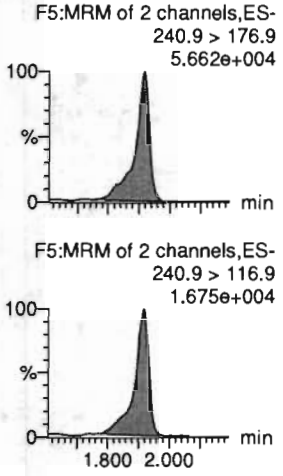
PFBA



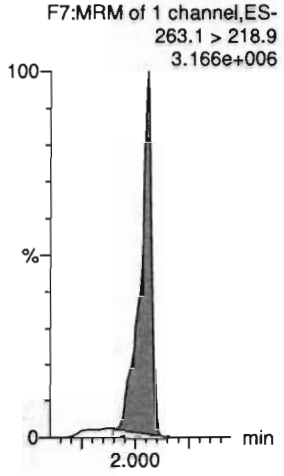
PFPrS



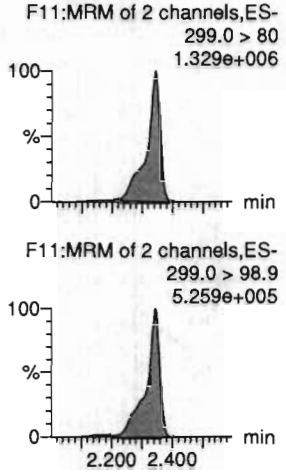
3:3 FTCA



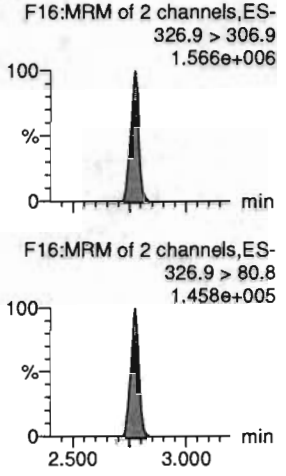
PFPeA



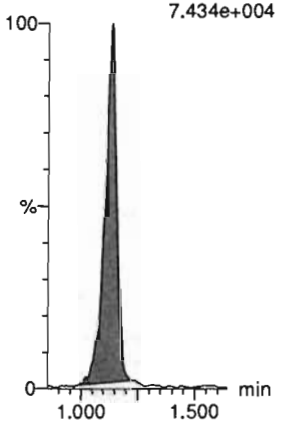
PFBS



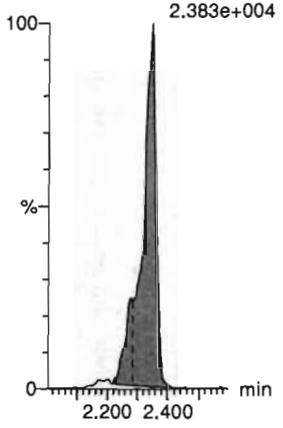
4:2 FTS



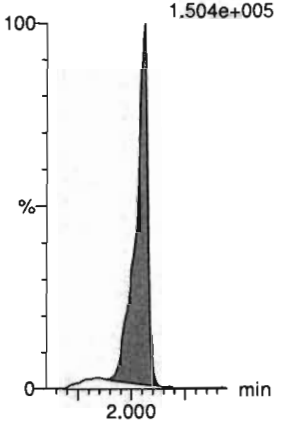
13C3-PFBA-EIS



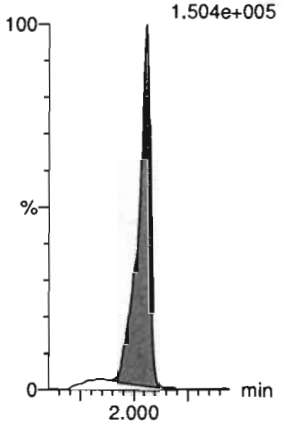
13C3-PFBS-EIS



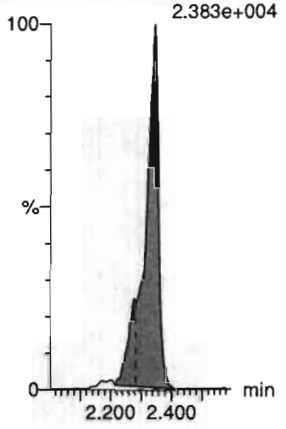
13C3-PFPeA-EIS



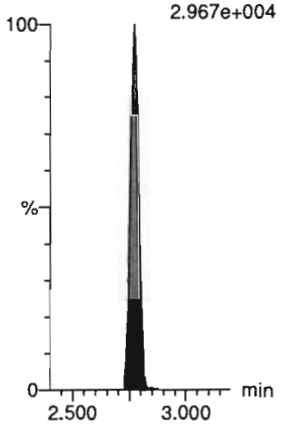
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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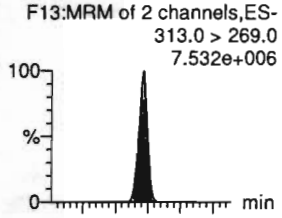
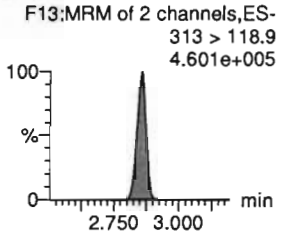
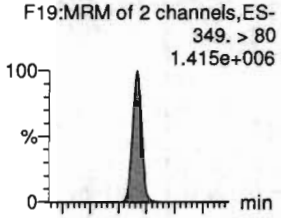
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

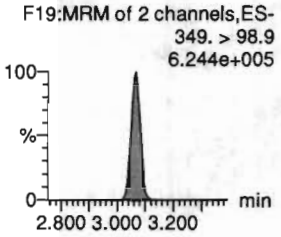
PFHxA



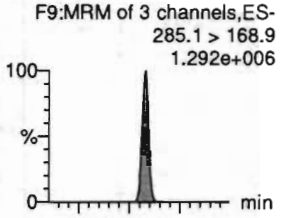


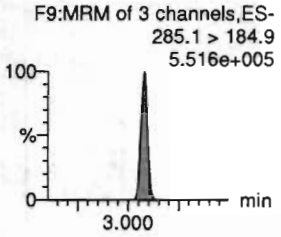
PFPeS



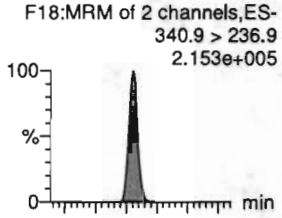


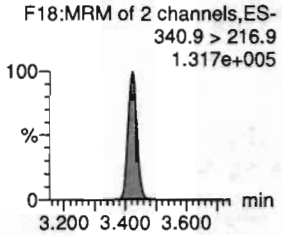
HFPO-DA



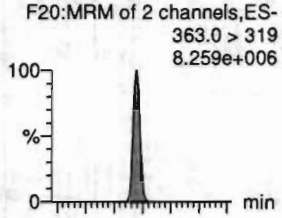


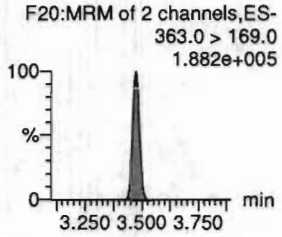
5:3 FTCA



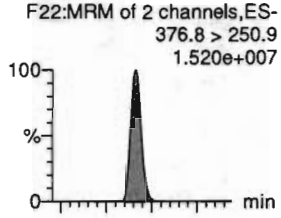


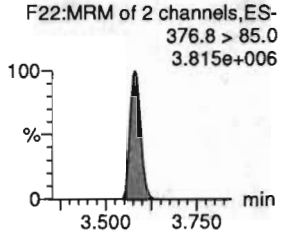
PFHpA



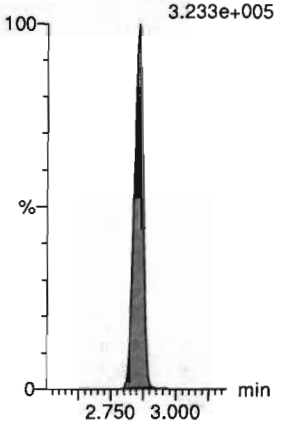


ADONA

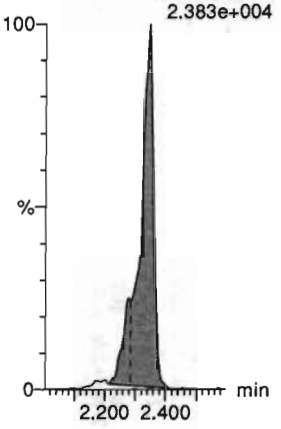




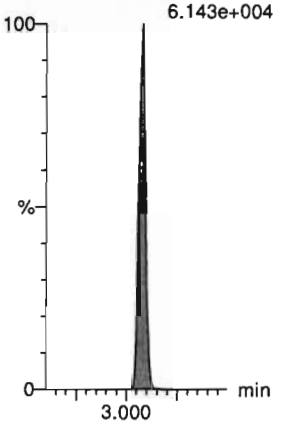
13C2-PFHxA-EIS



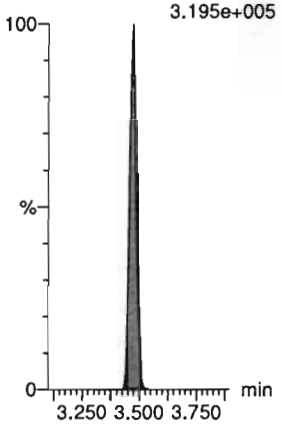
13C3-PFBS-EIS



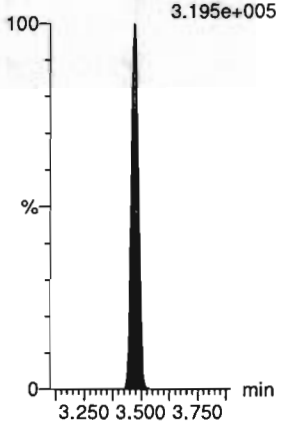
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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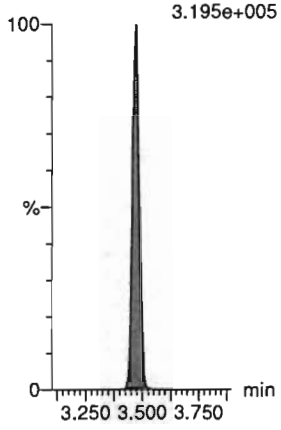

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

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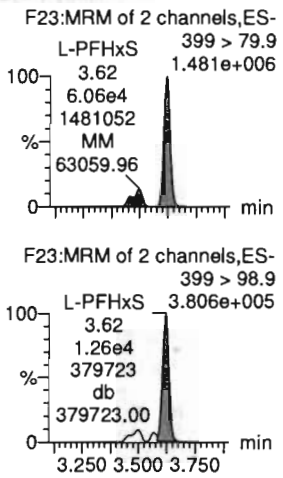
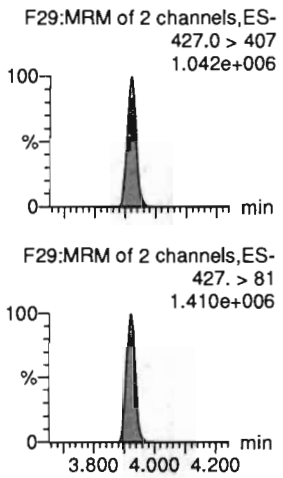
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

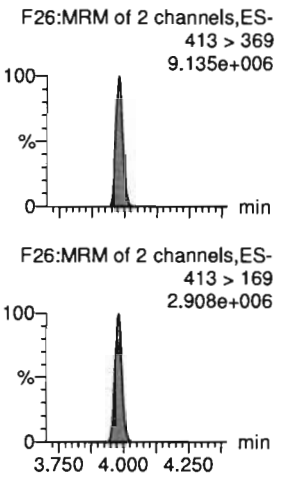
L-PFHxS



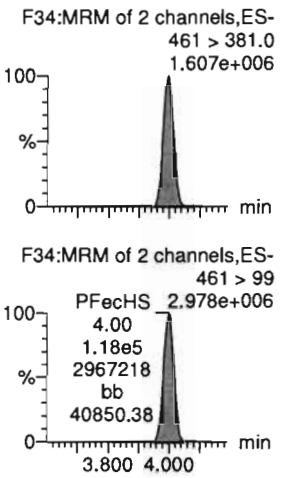
6:2 FTS



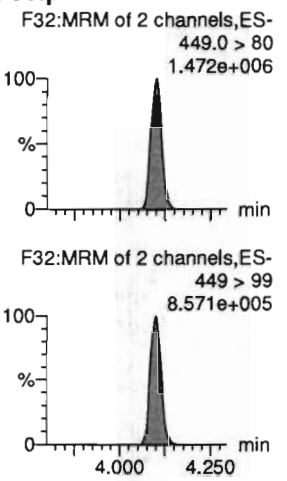
L-PFOA



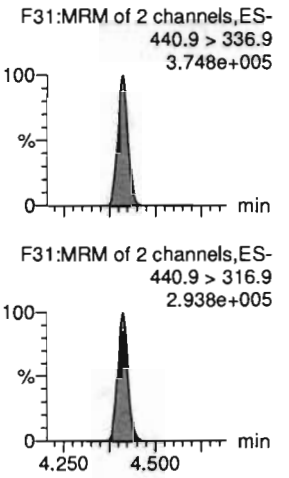
PFEChS



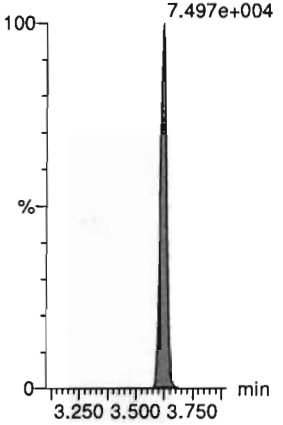
PFHpS



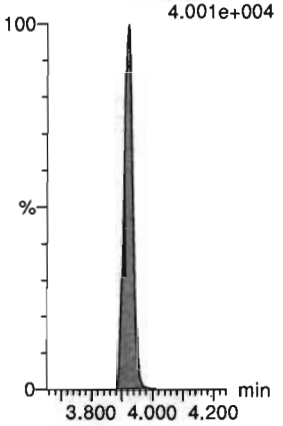
7:3 FTCA



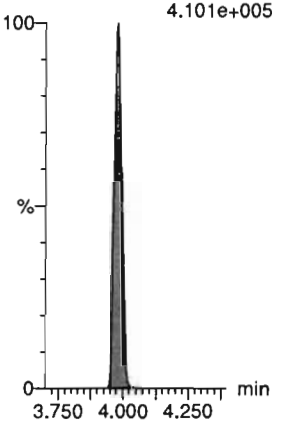
13C3-PFHxS-EIS



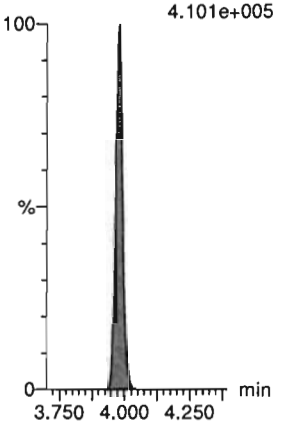
13C2-6:2 FTS-EIS



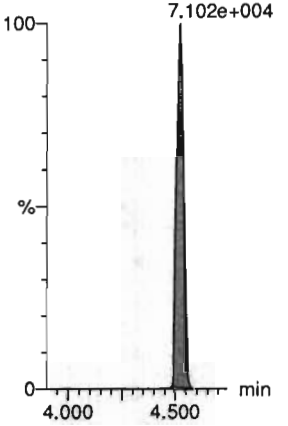
13C2-PFOA-EIS



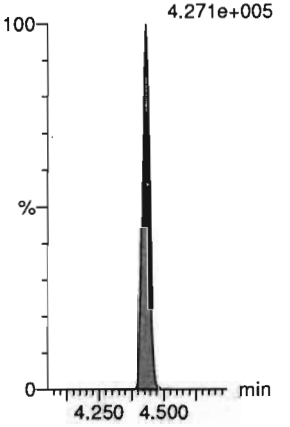
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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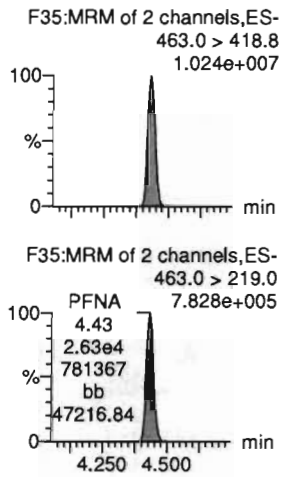
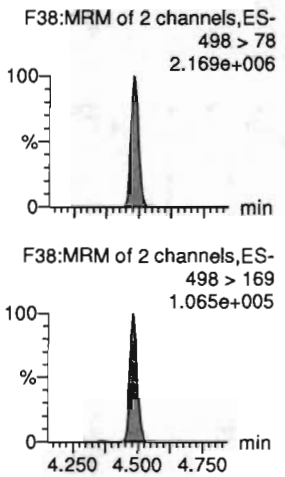
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

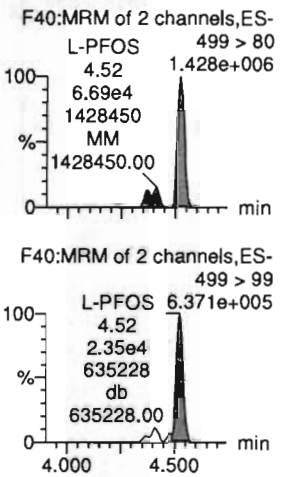
PFNA



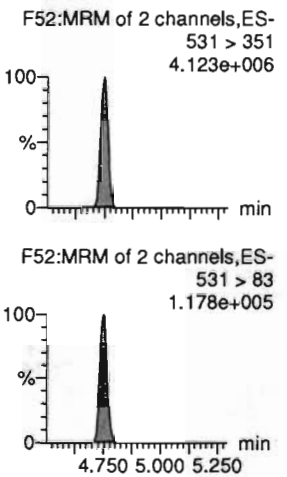
PFOSA



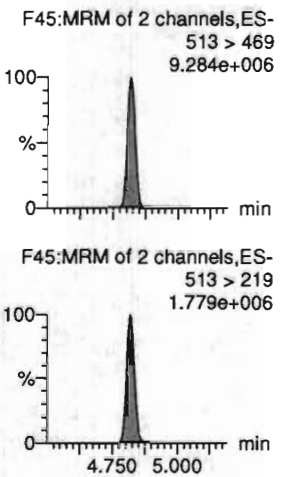
L-PFOS



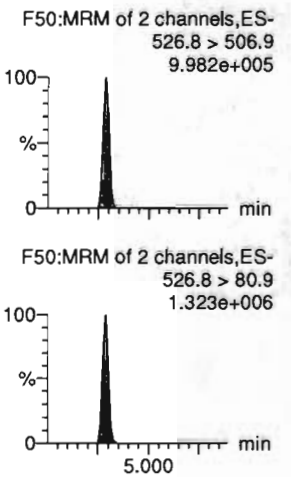
9Cl-PF30NS



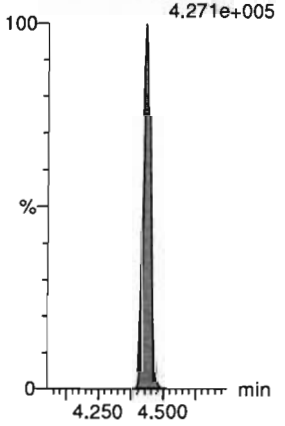
PFDA



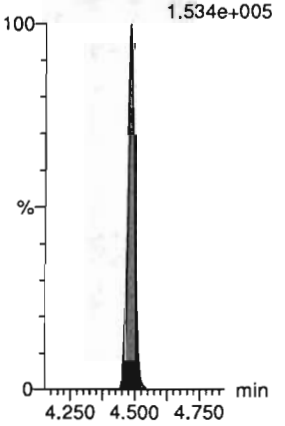
8:2 FTS



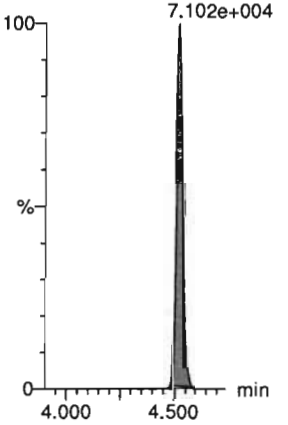
13C5-PFNA-EIS



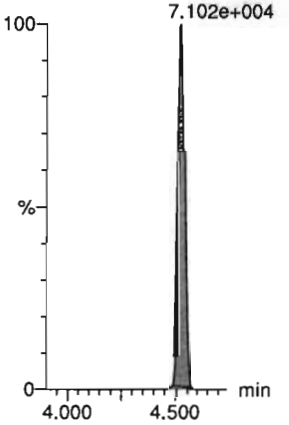
13C8-PFOSA-EIS



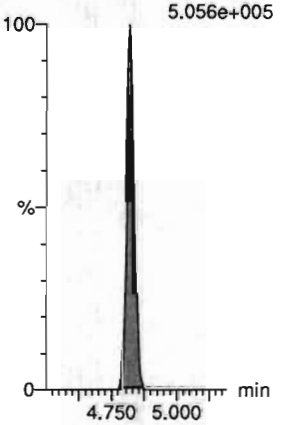
13C8-PFOS-EIS



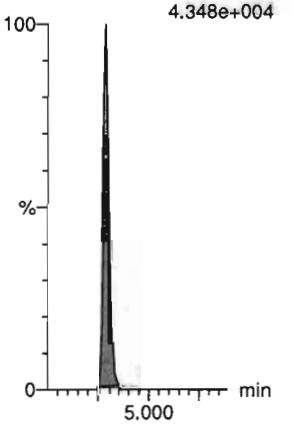
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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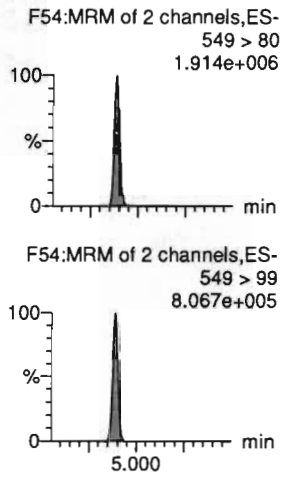
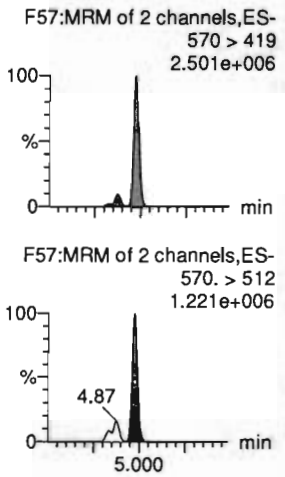
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

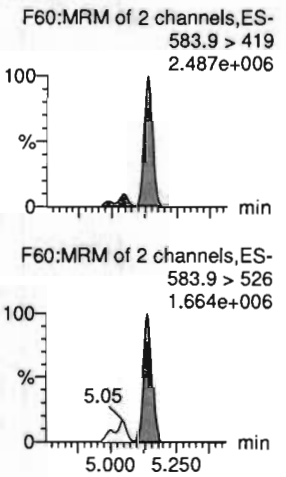
PFNS



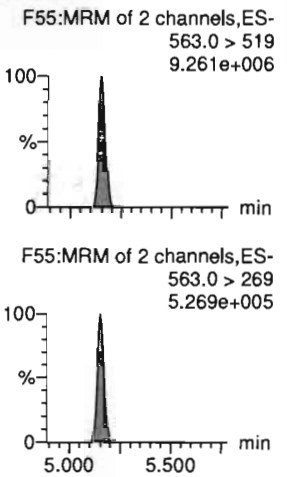
L-MeFOSAA



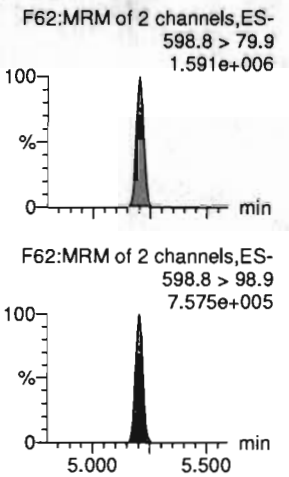
L-EtFOSAA



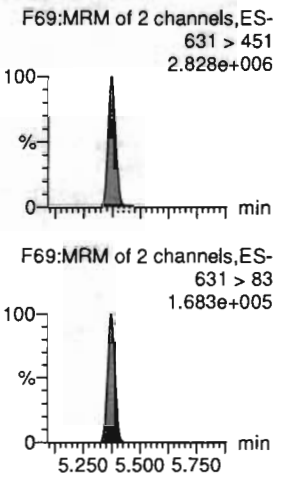
PFUdA



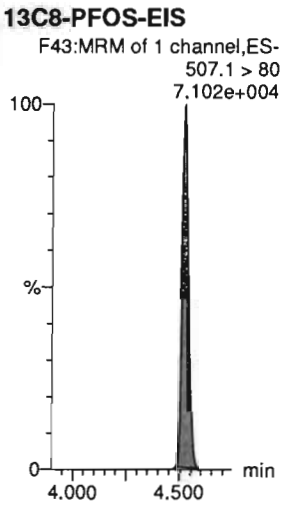
PFDS



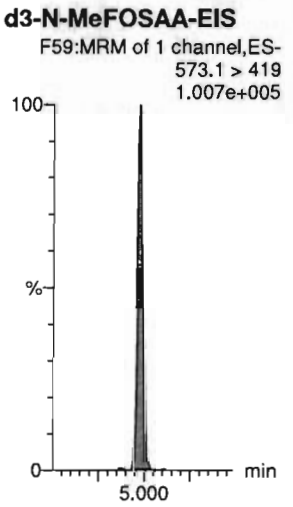
11Cl-PF30UdS



13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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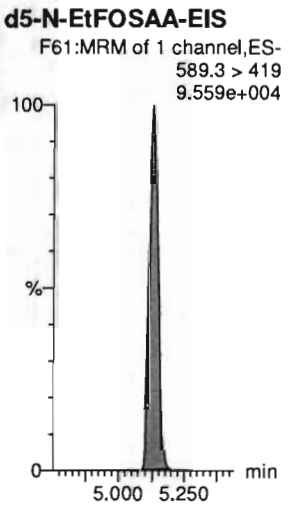

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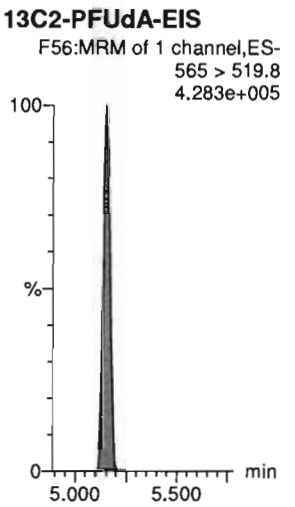

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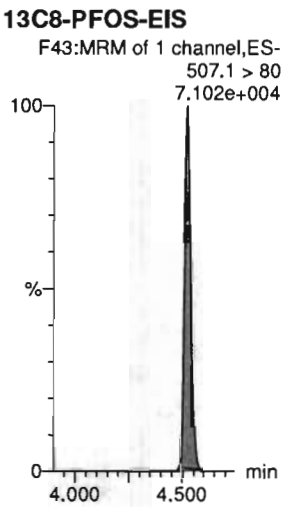

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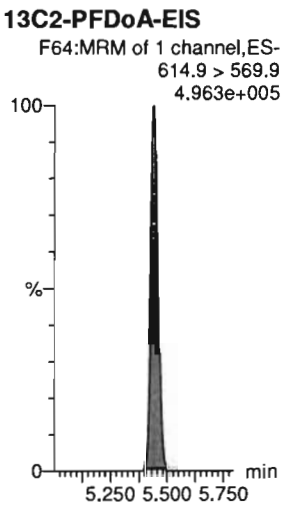

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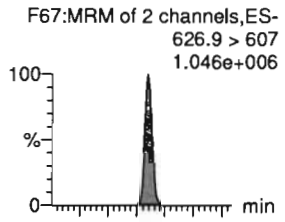
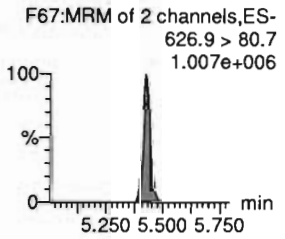
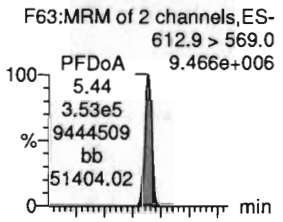
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

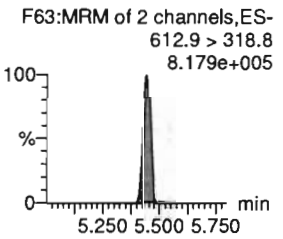
10:2 FTS



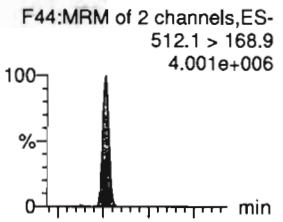


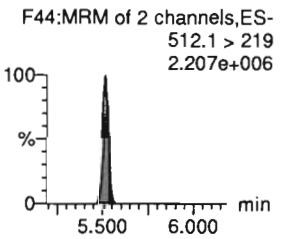
PFDoA





N-MeFOSA





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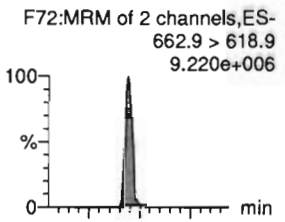
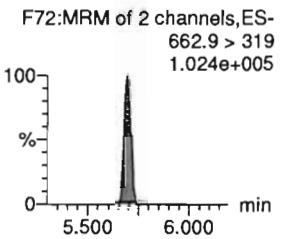
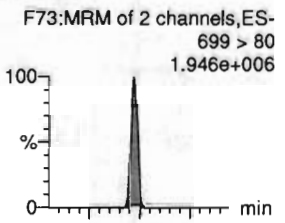
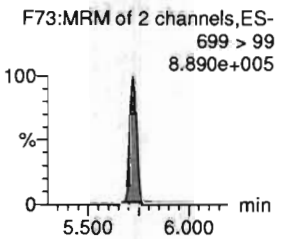


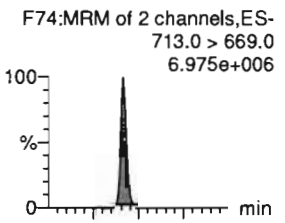


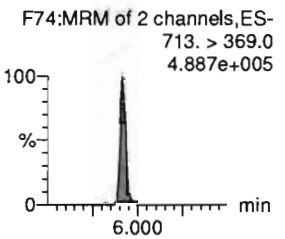
PFDoS



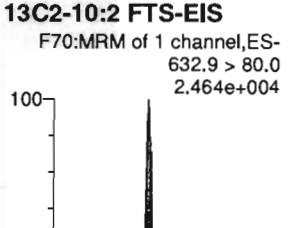


PFTeDA

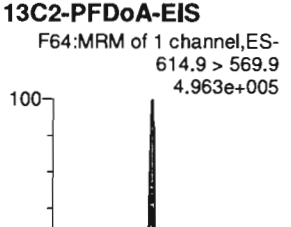




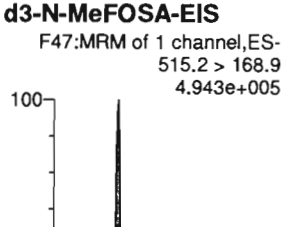
13C2-10:2 FTS-EIS



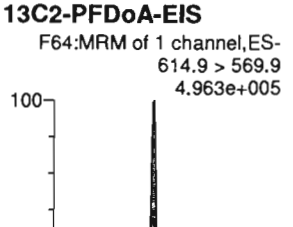
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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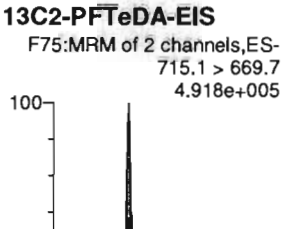
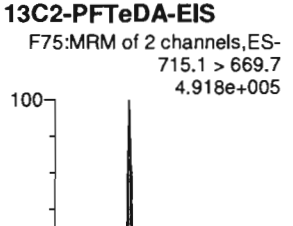


13C2-PFTeDA-EIS

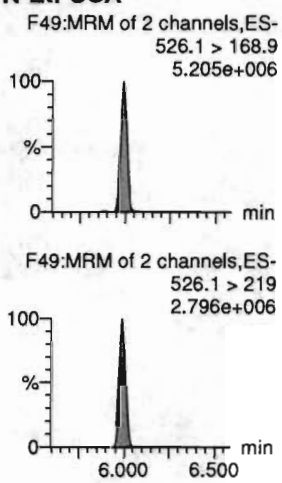


Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

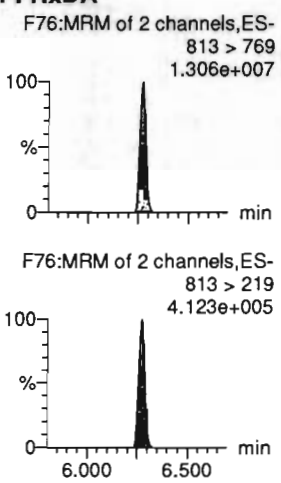
Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
Printed: Tuesday, June 23, 2020 15:35:10 Pacific Daylight Time

Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

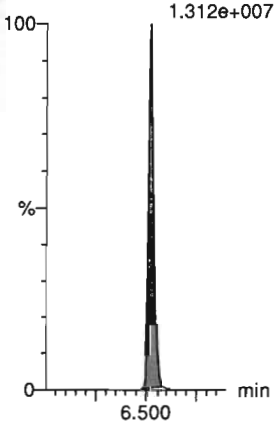
N-EtFOSA



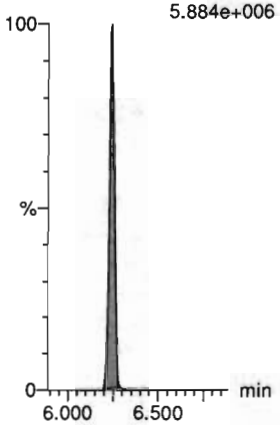
PFHxDA



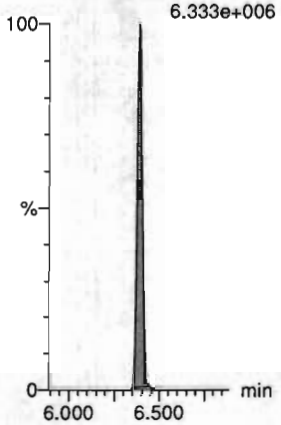
PFODA



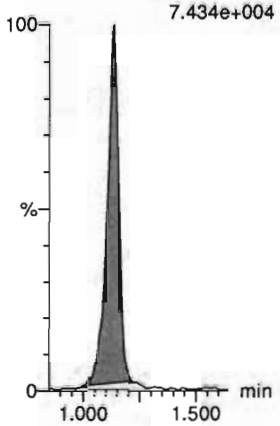
N-MeFOSE



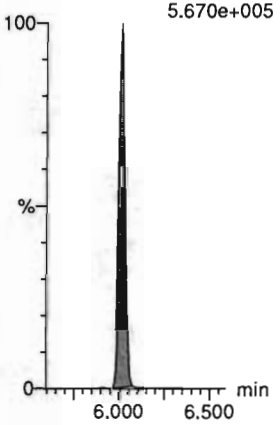
N-EtFOSE



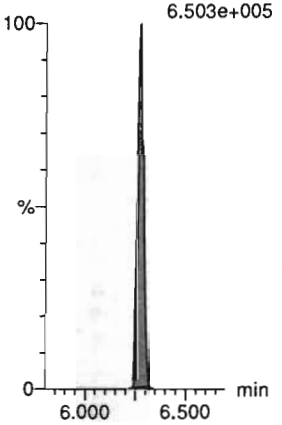
13C3-PFBA-RSD



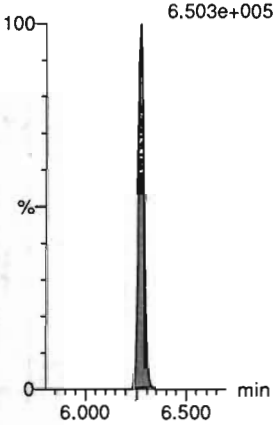
d5-N-ETFOSA-EIS



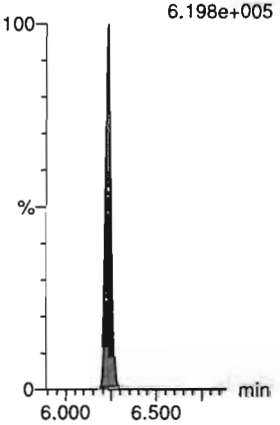
13C2-PFHxDA-EIS



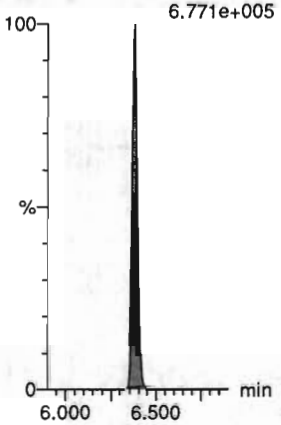
13C2-PFHxDA-EIS



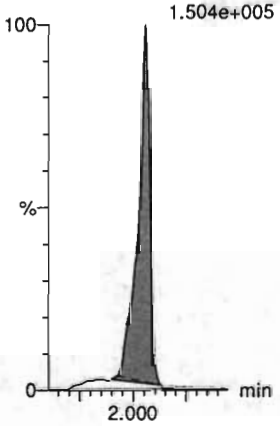
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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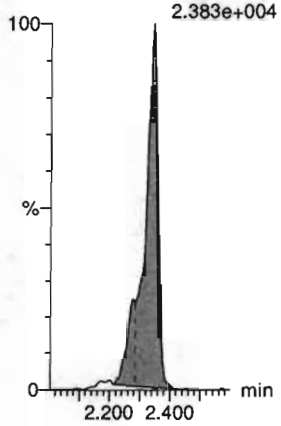
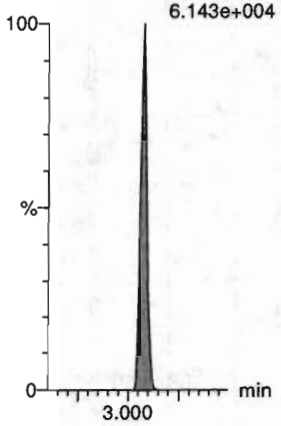
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

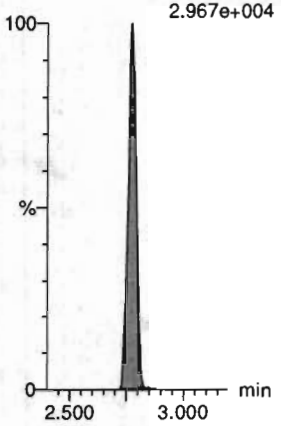
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.383e+004



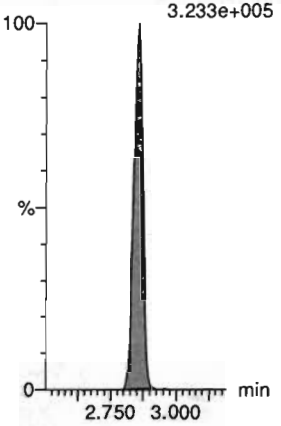
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.143e+004



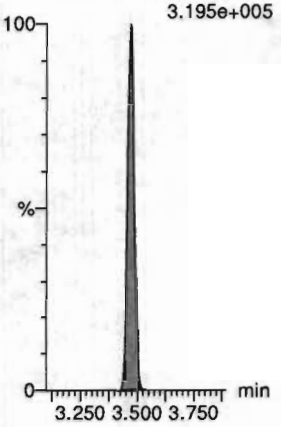
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.967e+004



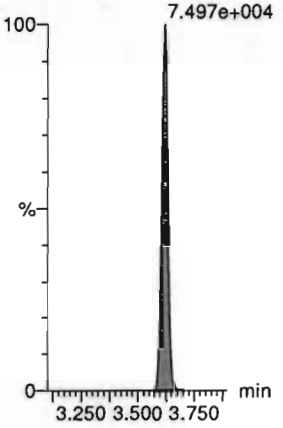
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.233e+005



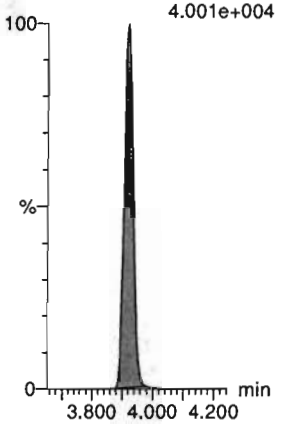
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.195e+005



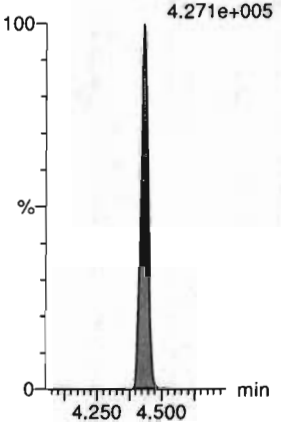
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.497e+004



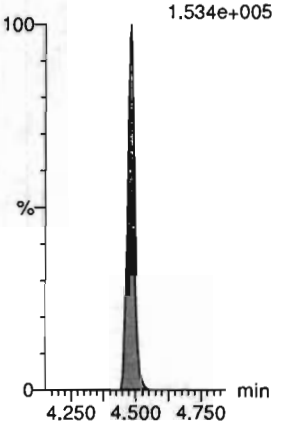
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.001e+004



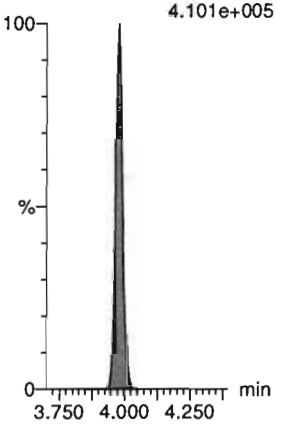
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.271e+005



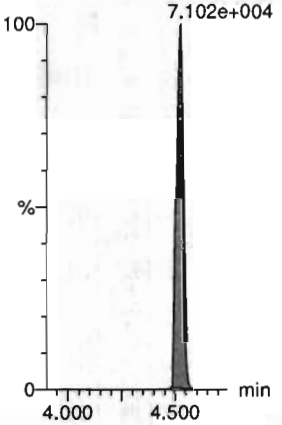
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.534e+005



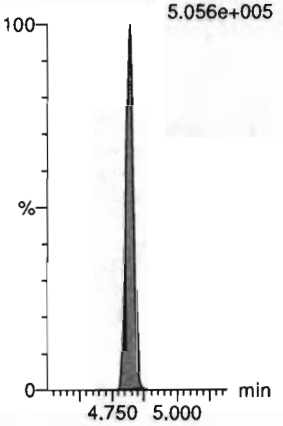
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.101e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.102e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.056e+005



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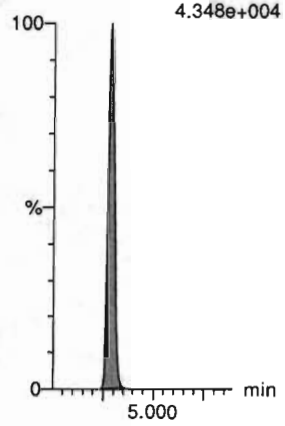
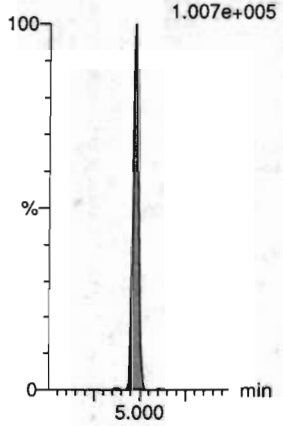
Name: 200623P1-13, Date: 23-Jun-2020, Time: 12:16:57, ID: ST200623P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

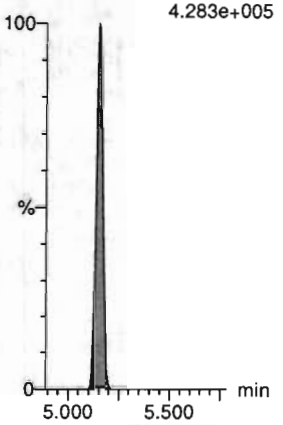
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.348e+004



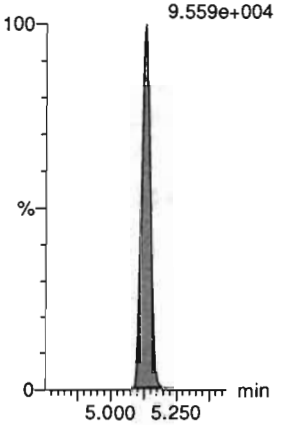
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.007e+005



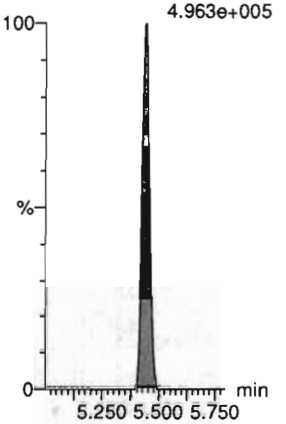
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.283e+005



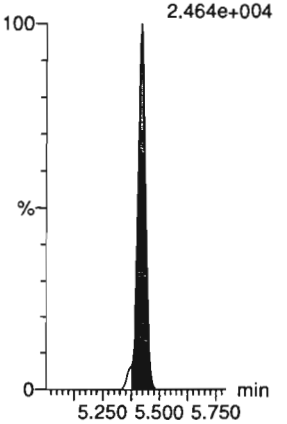
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
9.559e+004



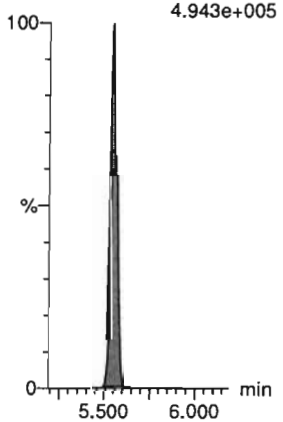
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.963e+005



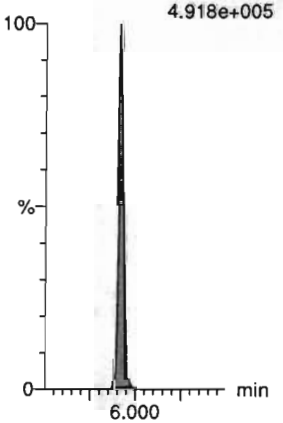
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.464e+004



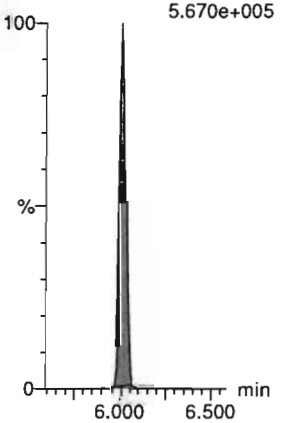
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.943e+005



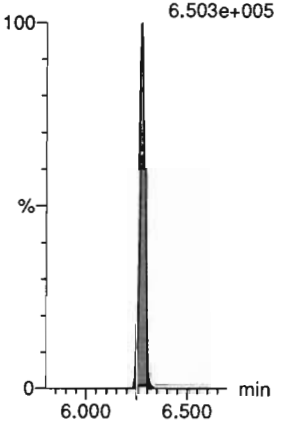
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.918e+005



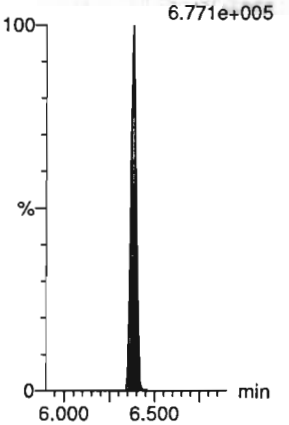
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.670e+005



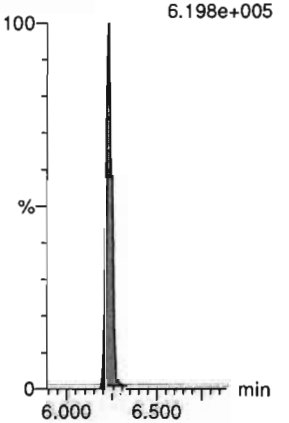
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.503e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.771e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.198e+005



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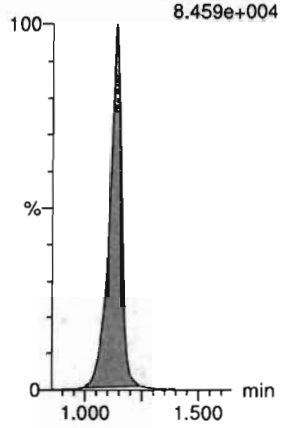
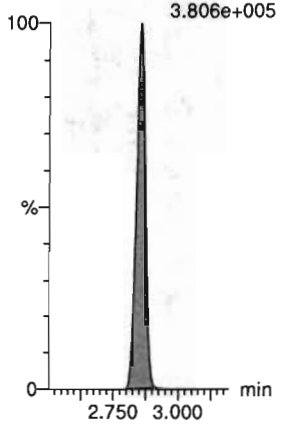
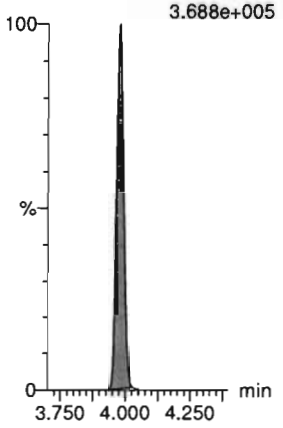
13C4-PFBA



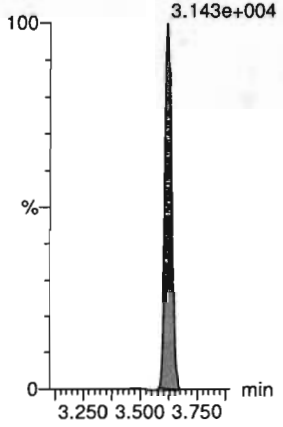
13C5-PFHxA



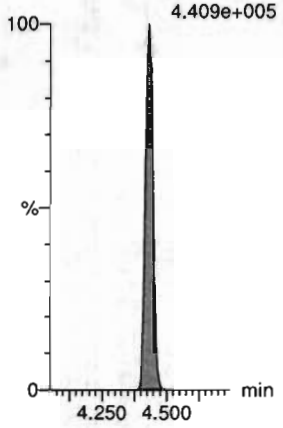
13C8-PFOA



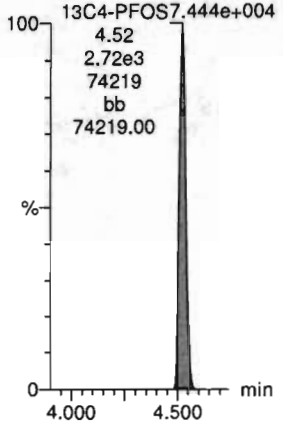
18O2-PFHxS



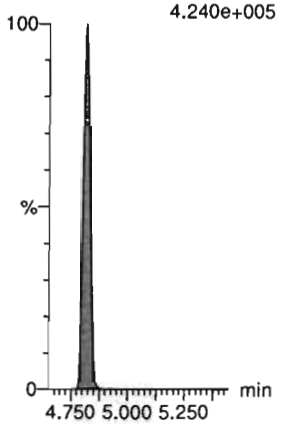
13C9-PFNA



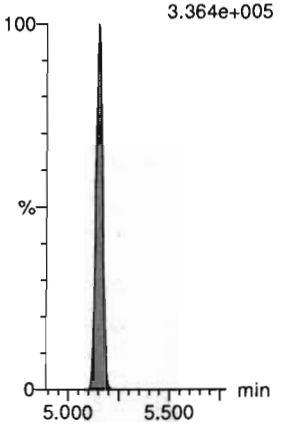
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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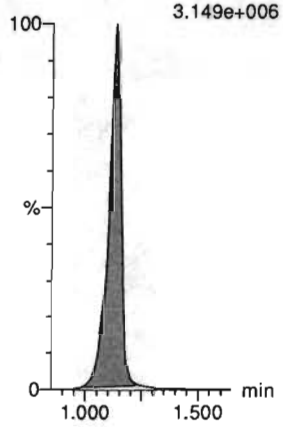
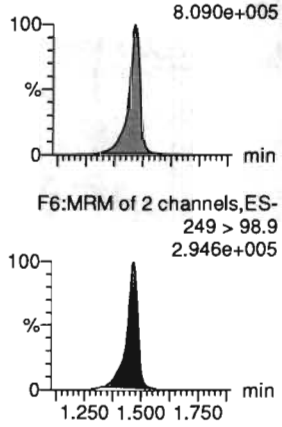
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

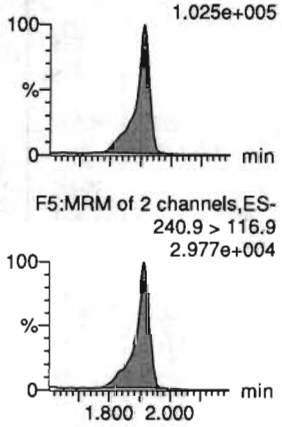
PFBA



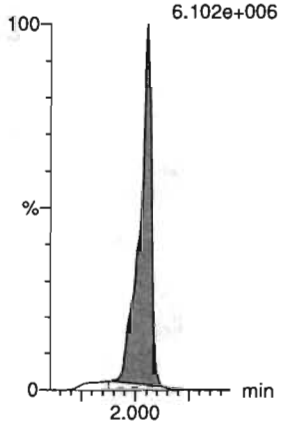
PFPrS



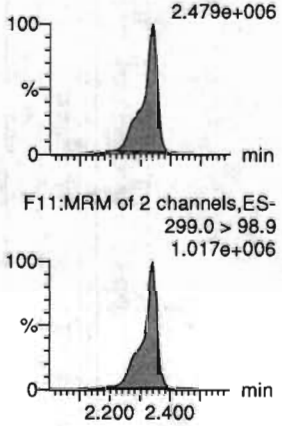
3:3 FTCA



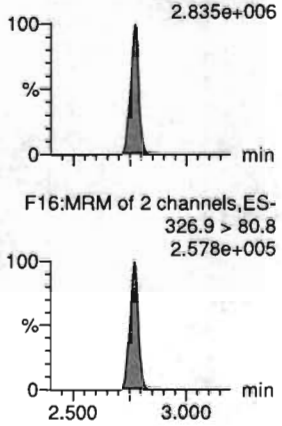
PFPeA



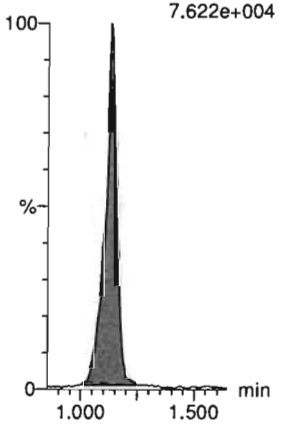
PFBS



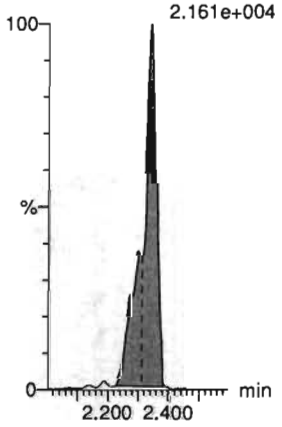
4:2 FTS



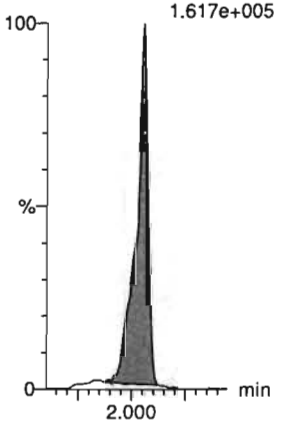
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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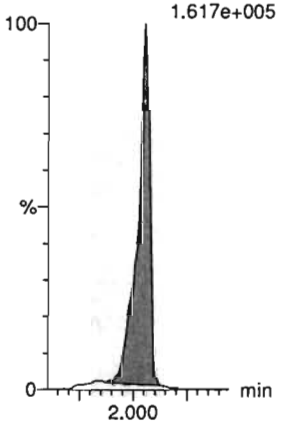

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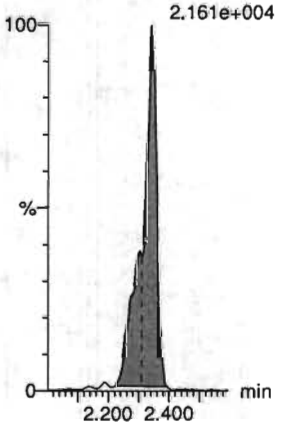
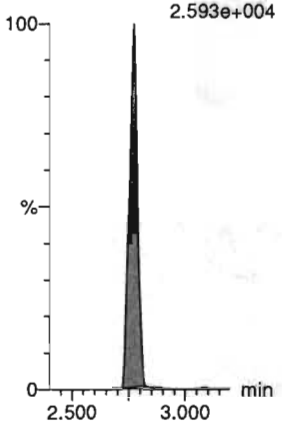


13C2-4:2 FTS-EIS



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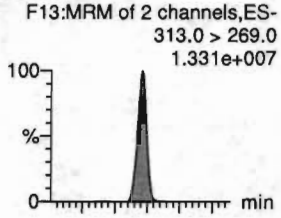
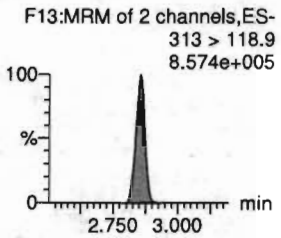
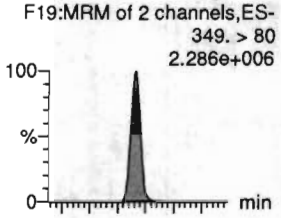
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

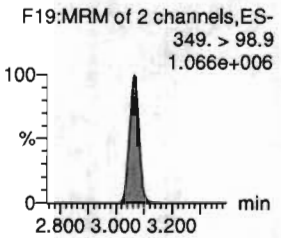
PFHxA





PFPeS





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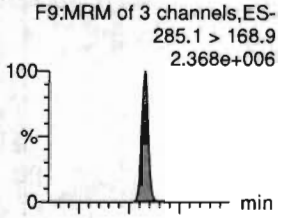
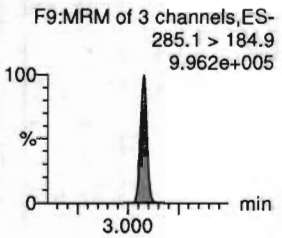
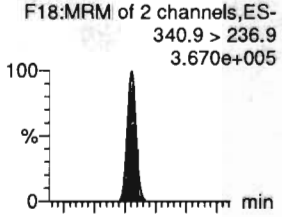
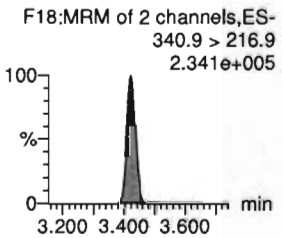


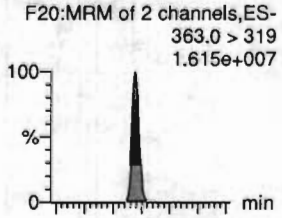


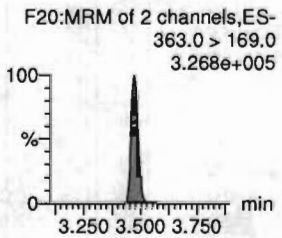
5:3 FTCA



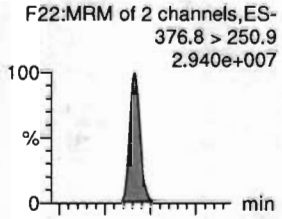


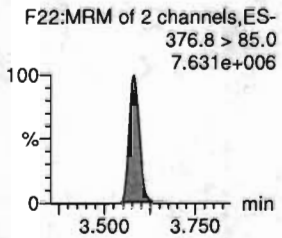
PFHpA



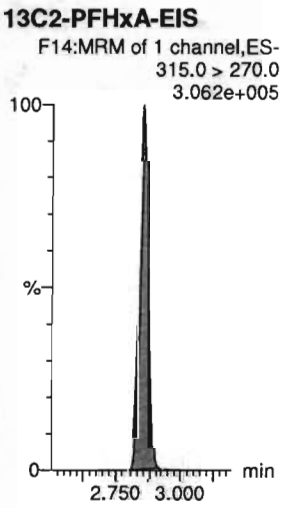


ADONA

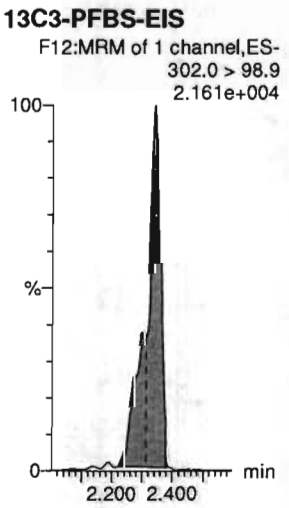




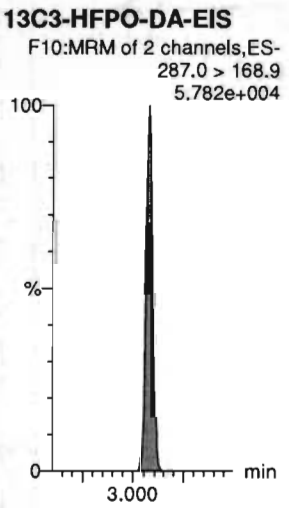
13C2-PFHxA-EIS



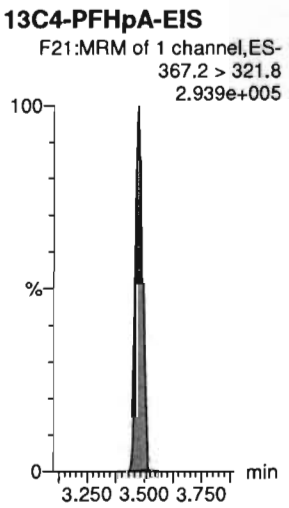
13C3-PFBS-EIS



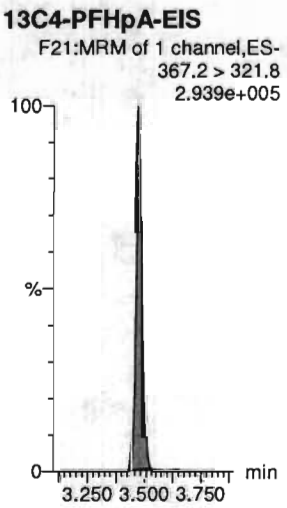
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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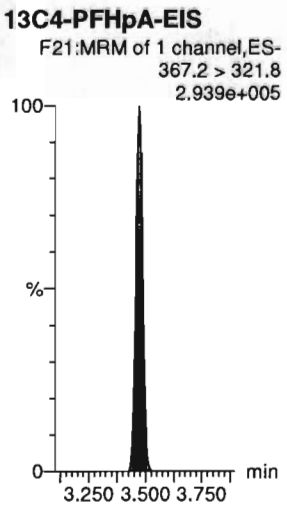

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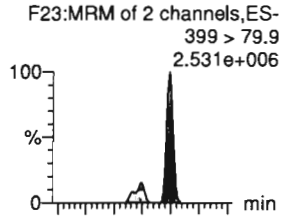
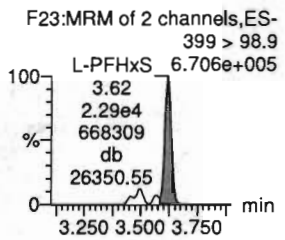
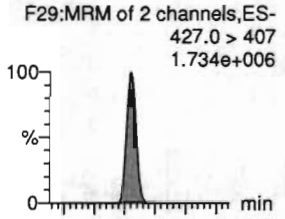
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

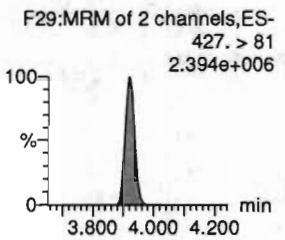
L-PFHxS



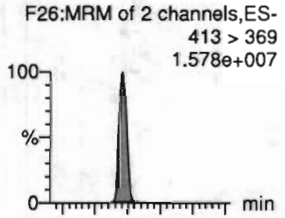


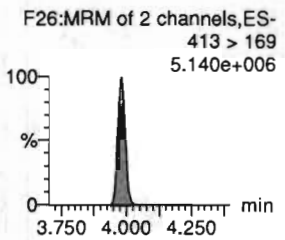
6:2 FTS



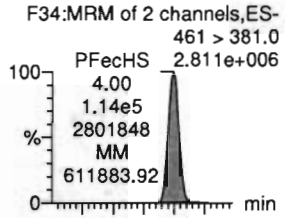


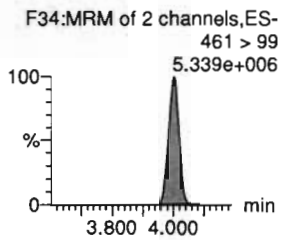
L-PFOA



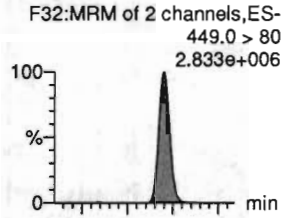


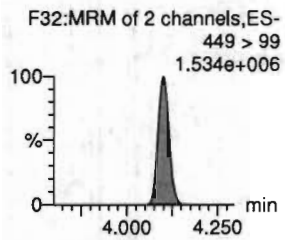
PFEChS



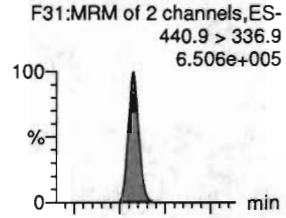


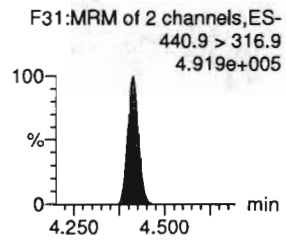
PFHpS



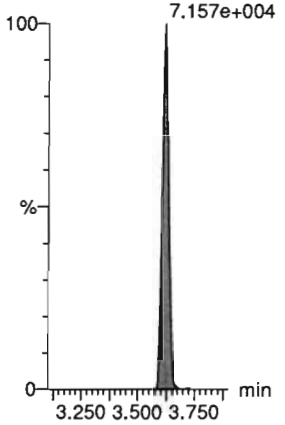


7:3 FTCA

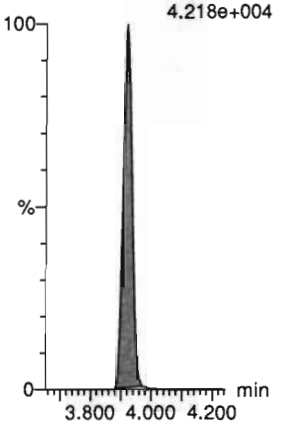




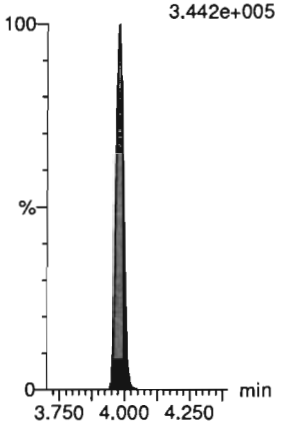
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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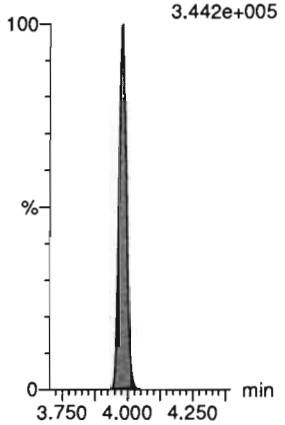
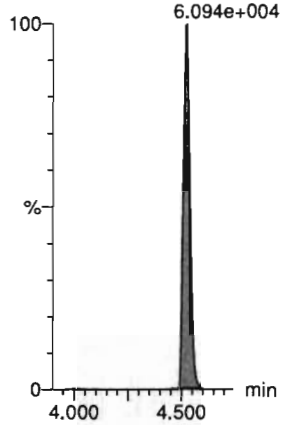
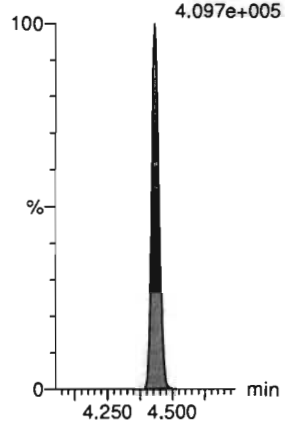


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

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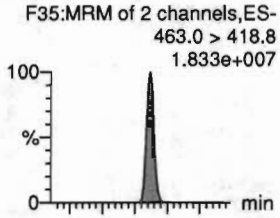

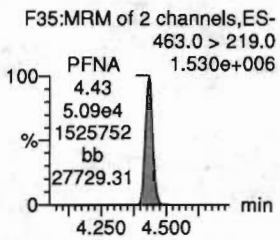

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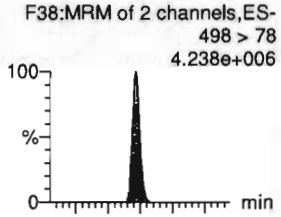
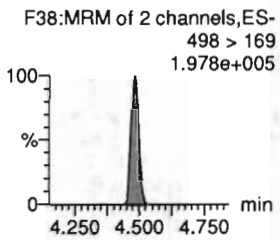
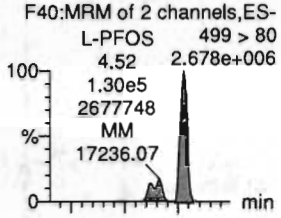
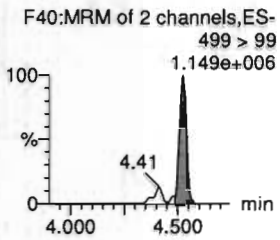


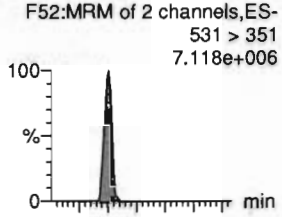


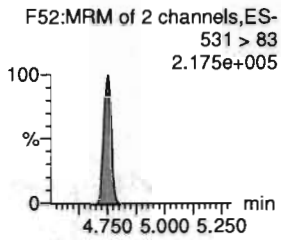
L-PFOS



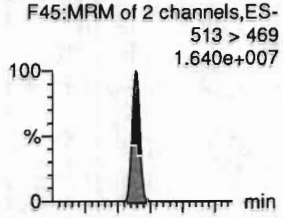


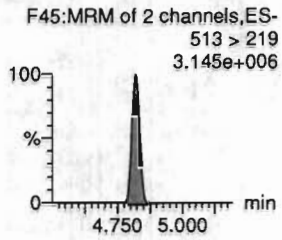
9Cl-PF30NS



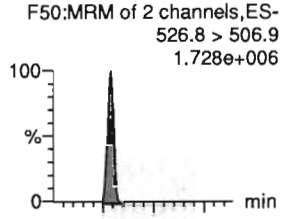


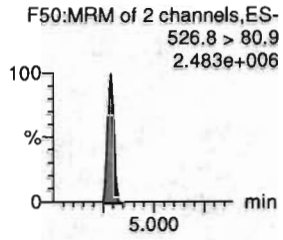
PFDA



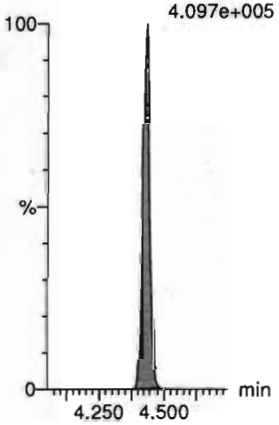


8:2 FTS





13C5-PFNA-EIS



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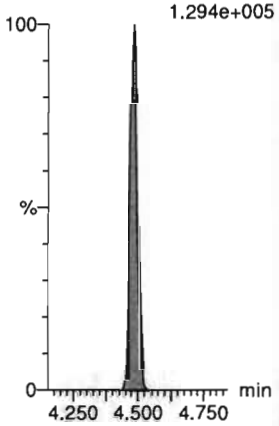

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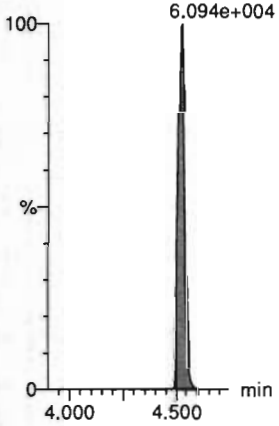
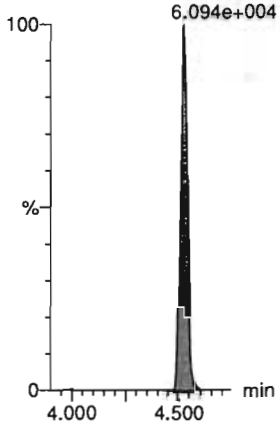
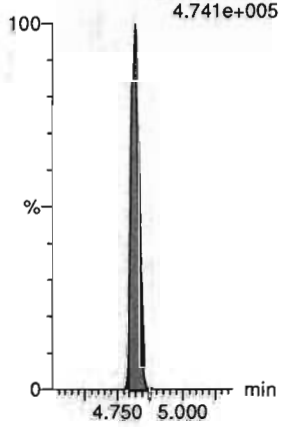


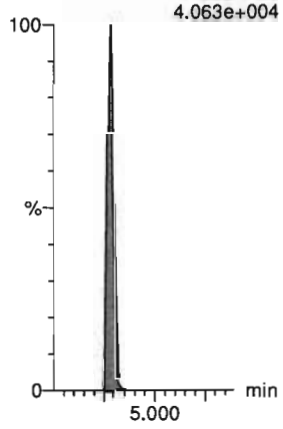
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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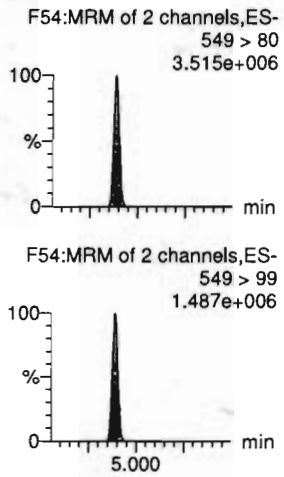
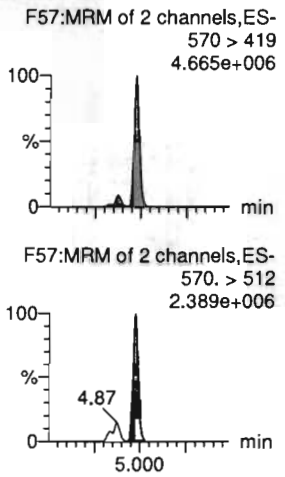
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

PFNS



L-MeFOSAA



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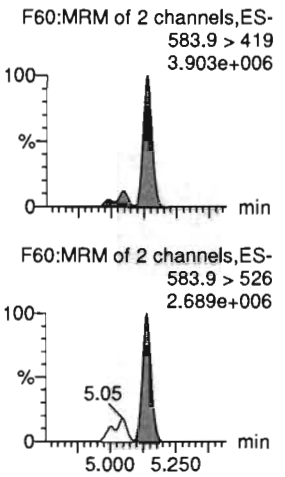

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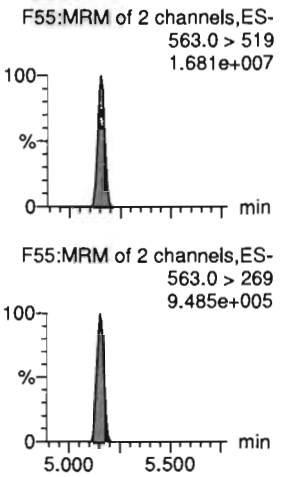

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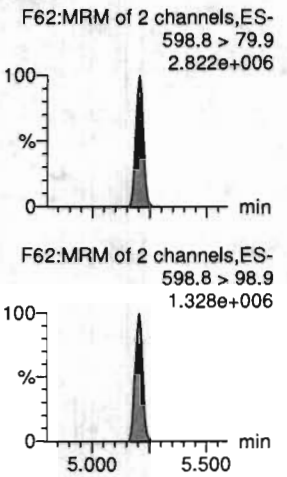

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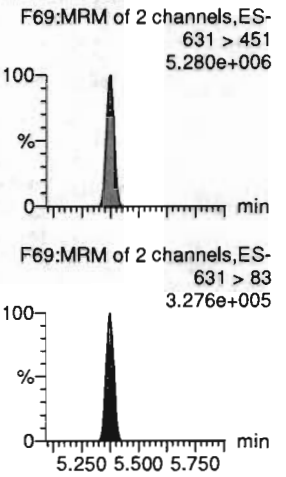
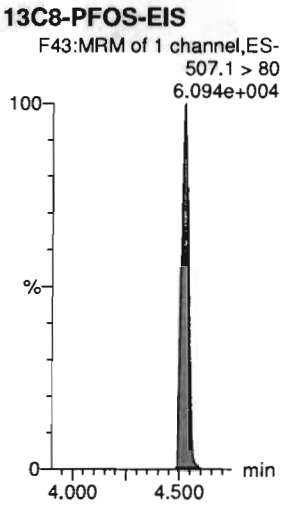


13C8-PFOS-EIS



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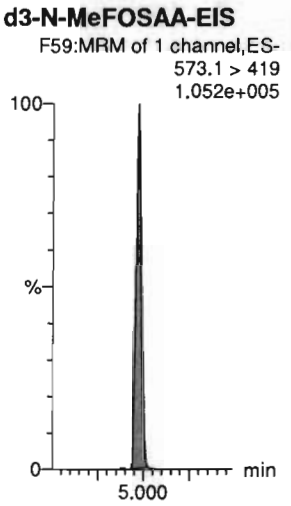

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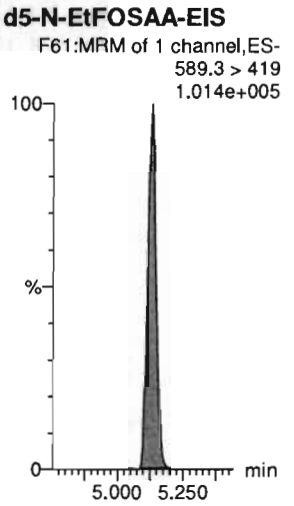

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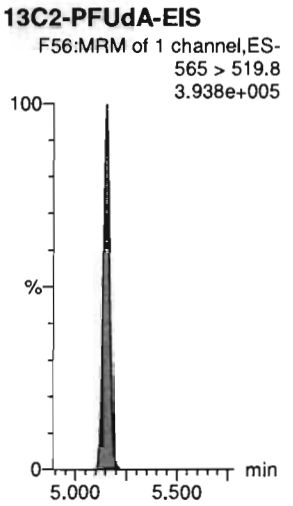

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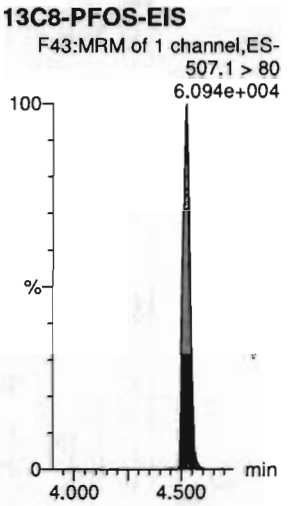

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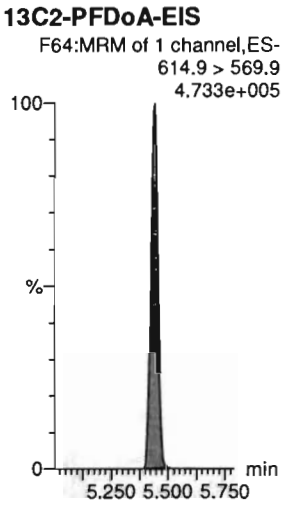

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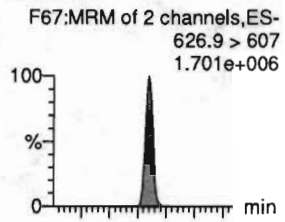
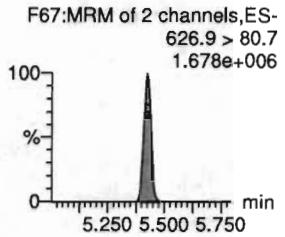
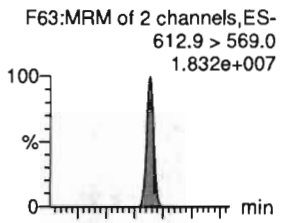
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

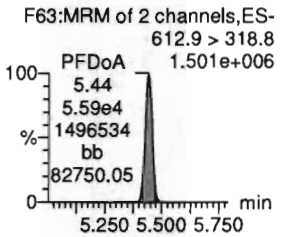
10:2 FTS



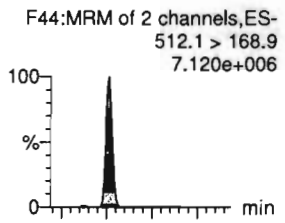


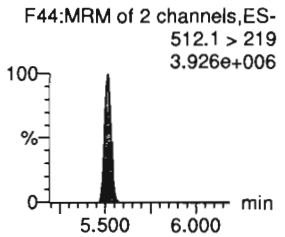
PFDoA





N-MeFOSA





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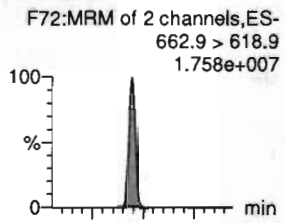

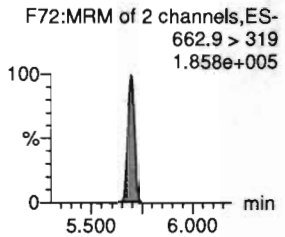

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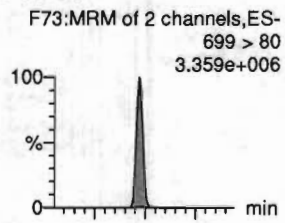

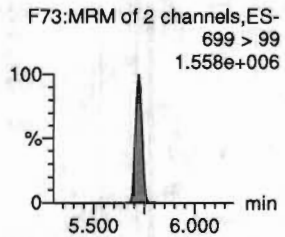

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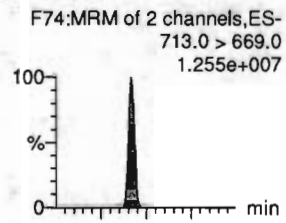
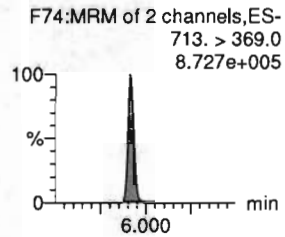
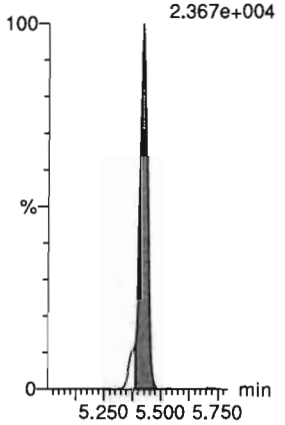
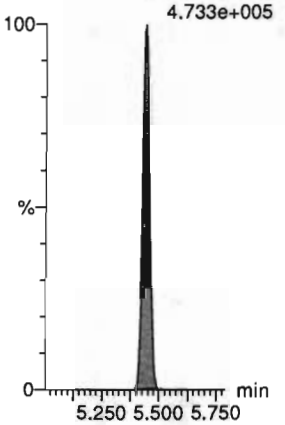




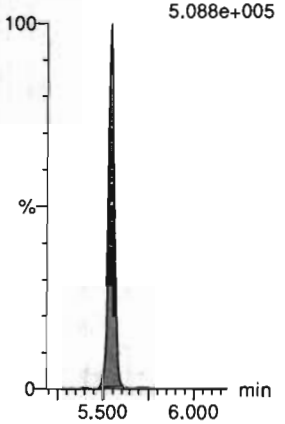
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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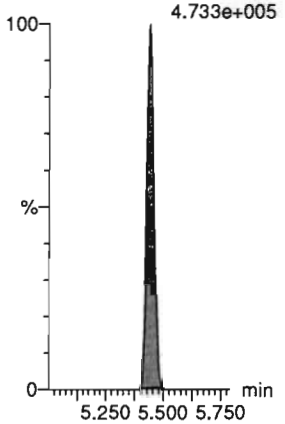
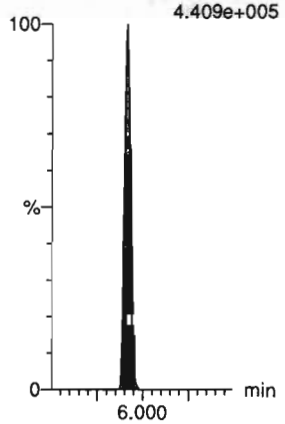
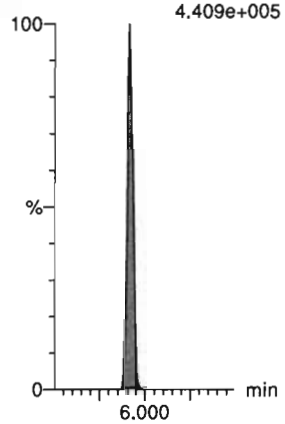


13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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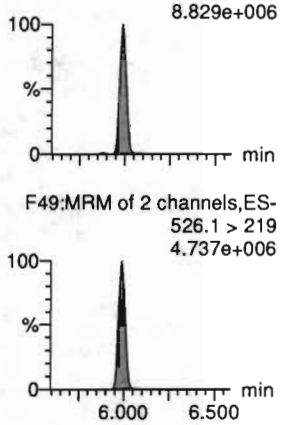
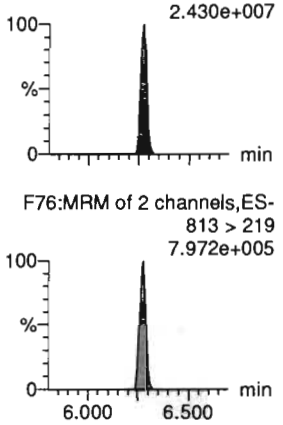
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

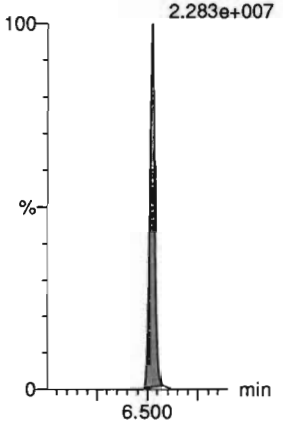
N-EtFOSA



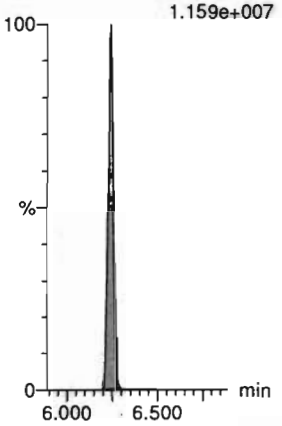
PFHxDA



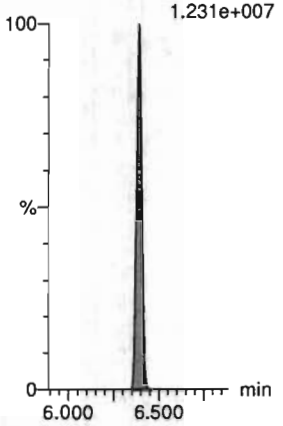
PFODA



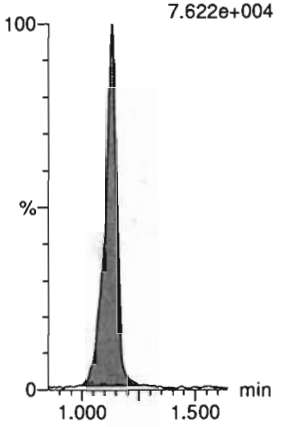
N-MeFOSE



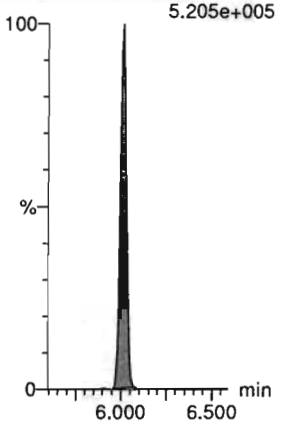
N-EtFOSE



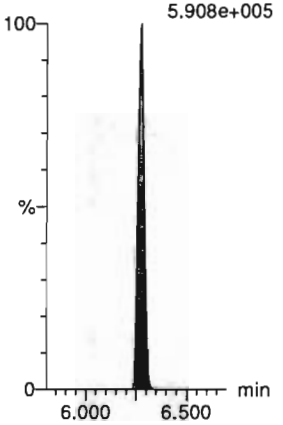
13C3-PFBA-RSD



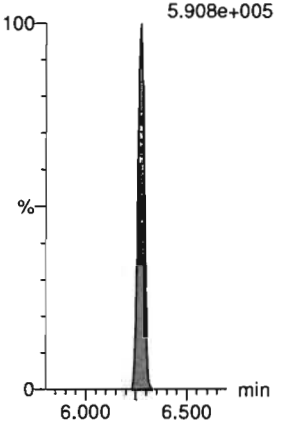
d5-N-ETFOSA-EIS



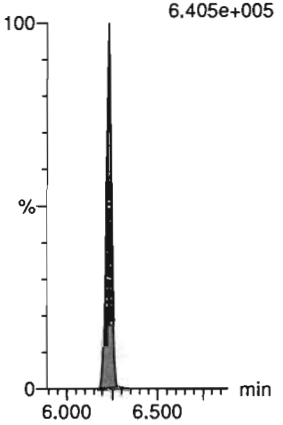
13C2-PFHxDA-EIS



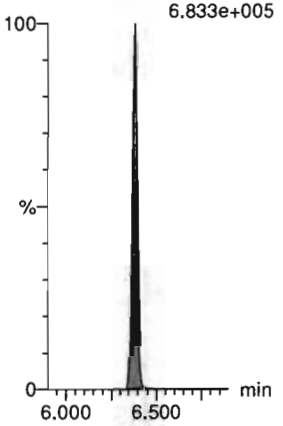
13C2-PFHxDA-EIS



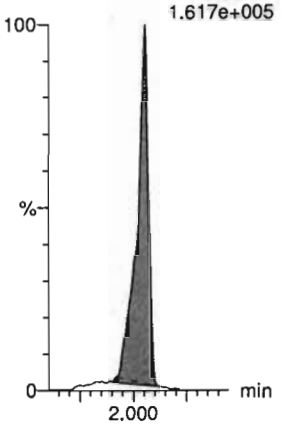
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-CRV1.qld

Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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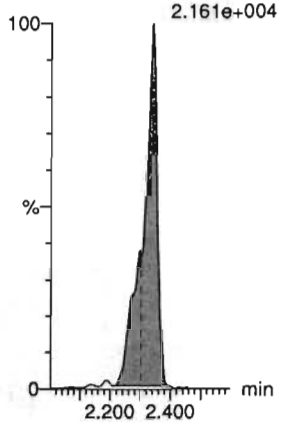
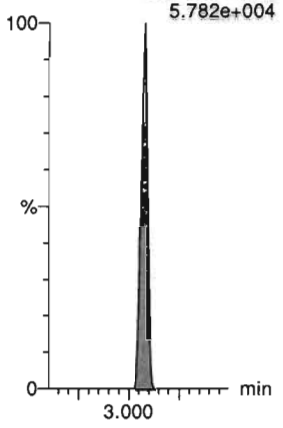
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

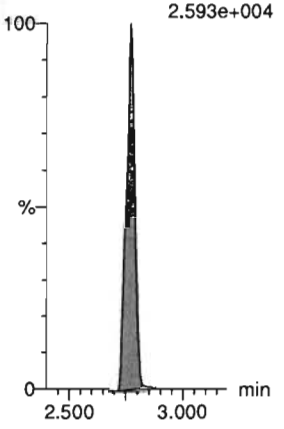
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.161e+004



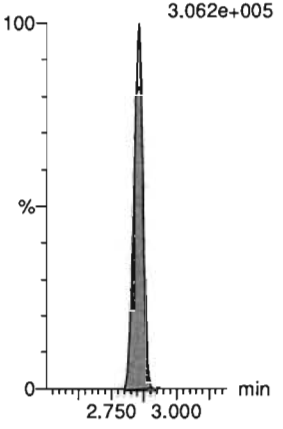
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.782e+004



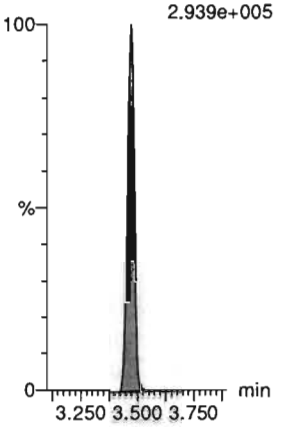
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.593e+004



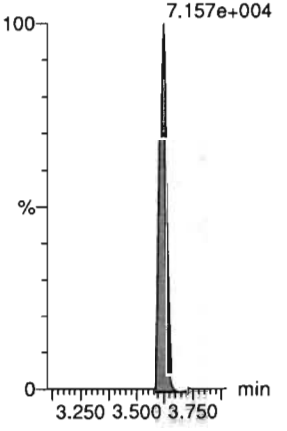
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.062e+005



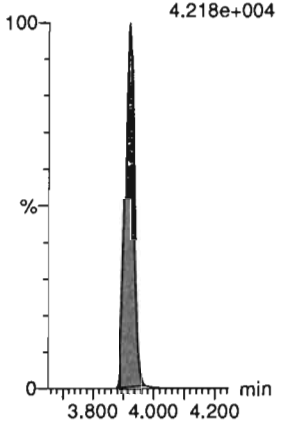
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.939e+005



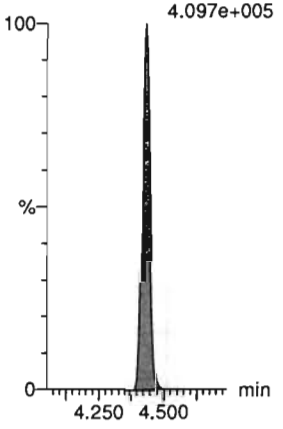
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.157e+004



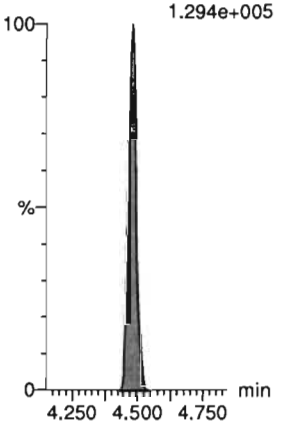
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.218e+004



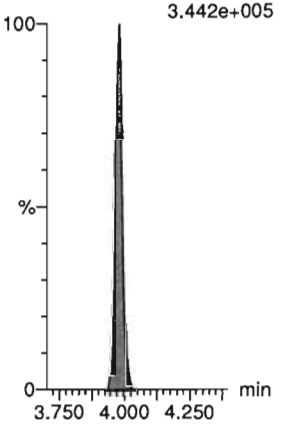
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.097e+005



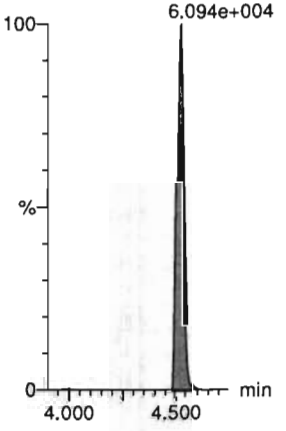
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.294e+005



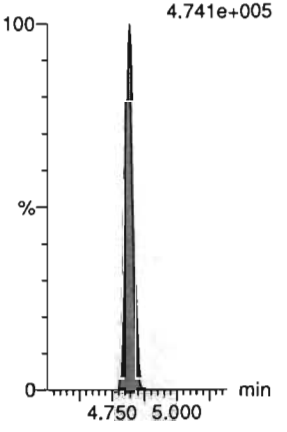
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.442e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
6.094e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.741e+005



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Last Altered: Tuesday, June 23, 2020 14:54:31 Pacific Daylight Time
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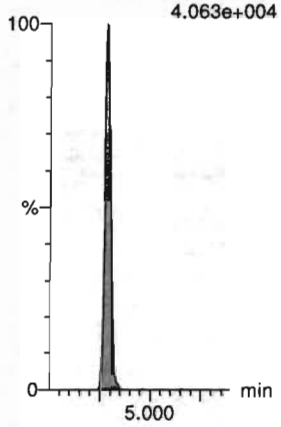
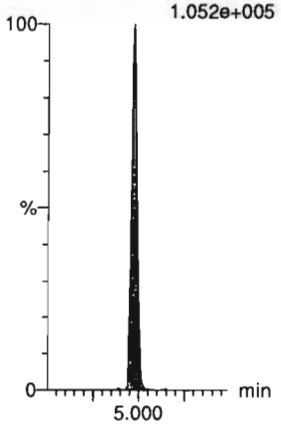
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

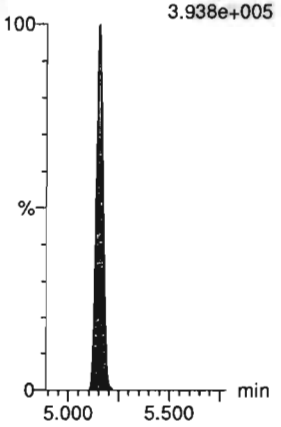
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.063e+004



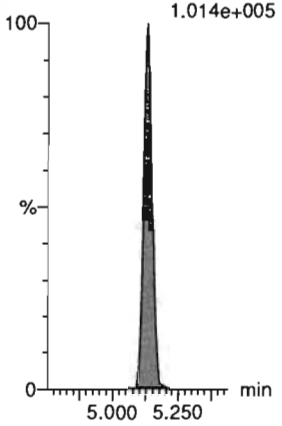
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.052e+005



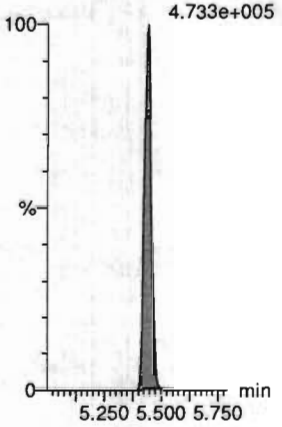
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
3.938e+005



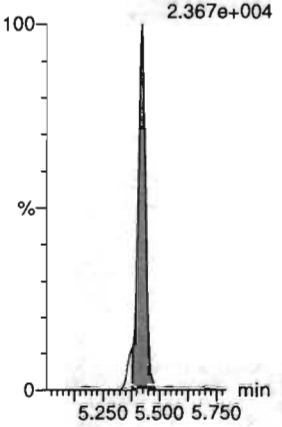
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.014e+005



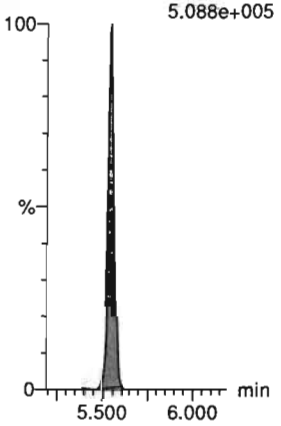
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.733e+005



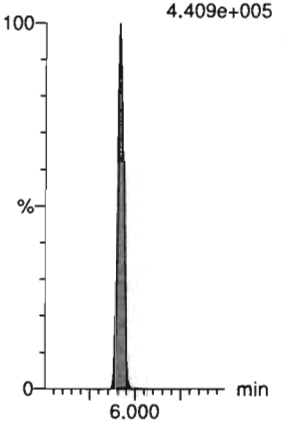
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.367e+004



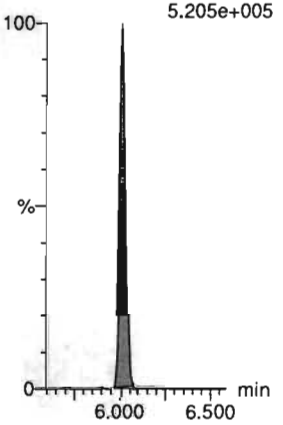
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.088e+005



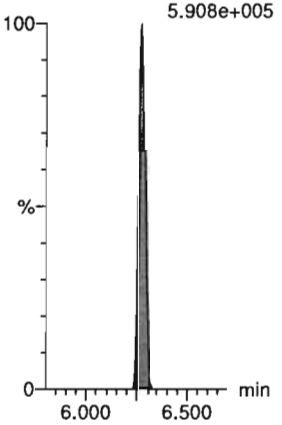
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.409e+005



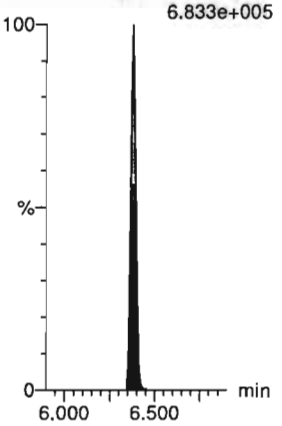
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.205e+005



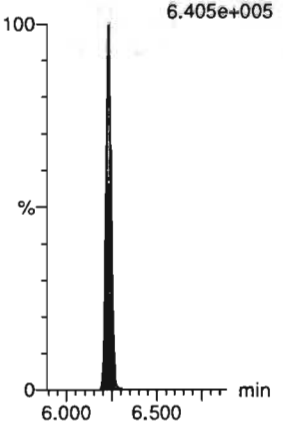
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.908e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.833e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.405e+005



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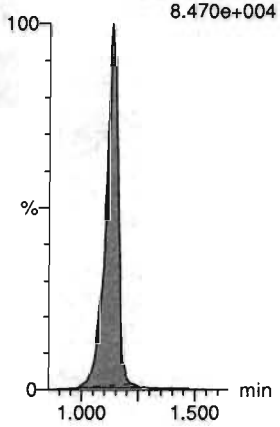
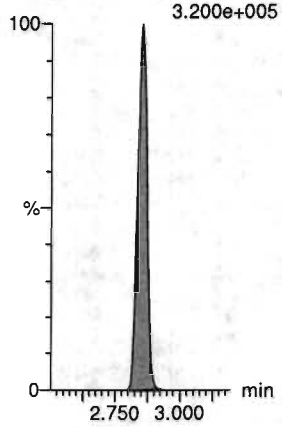
Name: 200623P1-14, Date: 23-Jun-2020, Time: 12:27:27, ID: ST200623P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

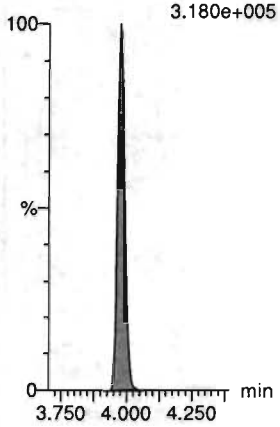
13C4-PFBA



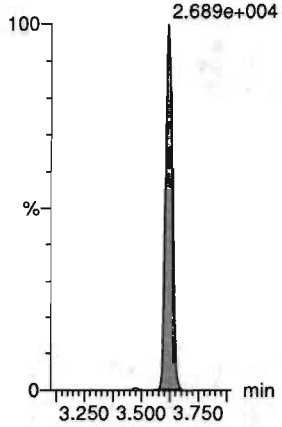
13C5-PFHxA



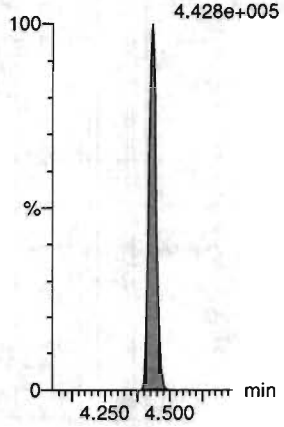
13C8-PFOA



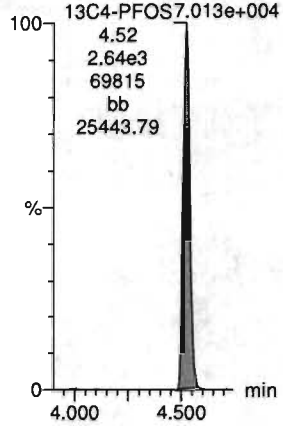
18O2-PFHxS



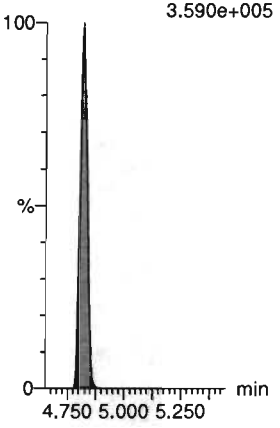
13C9-PFNA



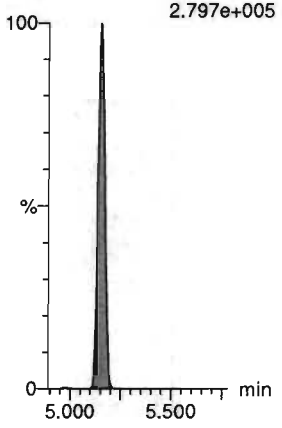
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-ICV.qld

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*NOT IN ICV

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Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3738.156	4606.130	1.00	1.13	10.145	10.000	9.48	94.8	NO		
2	2	PFPrS	249 > 80		1277.731	1.00			10.000		*	NO		YES
3	3	3:3 FTCA	240.9 > 176.9		10261.576	1.00			10.000		*	NO		YES
4	4	PFPeA	263.1 > 218.9	7805.997	10261.576	1.00	2.06	9.509	10.000	9.91	99.1	NO		
5	5	PFBS	299.0 > 80	2365.252	1277.731	1.00	2.35	23.139	8.840	8.76	99.1	NO	2.545	NO
6	6	4:2 FTS	326.9 > 306.9	3177.126	1561.699	1.00	2.77	25.430	9.360	9.13	97.5	NO	14.005	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4606.130		1.00	1.13	4606.130	12.500	12.4	99.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1277.731		1.00	2.35	1277.731	12.500	12.4	99.1	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	10261.576		1.00	2.06	10261.576	12.500	12.0	95.8	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	10261.576		1.00	2.06	10261.576	12.500	12.0	95.8	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1277.731		1.00	2.35	1277.731	12.500	12.4	99.1	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1561.699		1.00	2.78	1561.699	12.500	12.0	96.4	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	12880.037	14456.801	1.00	2.86	11.137	10.000	10.1	101.1	NO	16.524	NO
15	8	PFPeS	349.>80	2177.443	1277.731	1.00	3.07	21.302	9.360	9.57	102.2	NO	2.212	NO
16	9	HFPO-DA	285.1 > 168.9	1892.829	2522.139	1.00	3.08	9.381	10.000	9.44	94.4	NO	2.177	NO
17	10	5:3 FTCA	340.9 > 236.9		12515.539	1.00			10.000		*	NO		YES
18	11	PFHpA	363.0 > 319	13241.443	12515.539	1.00	3.47	13.225	10.000	10.2	101.7	NO	44.566	YES
19	12	ADONA	376.8 > 250.9	22544.828	12515.539	1.00	3.58	22.517	9.440	9.63	102.0	NO	3.903	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	14456.801		1.00	2.86	14456.801	12.500	12.9	103.1	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1277.731		1.00	2.35	1277.731	12.500	12.4	99.1	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2522.139		1.00	3.08	2522.139	12.500	12.0	96.2	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	12515.539		1.00	3.47	12515.539	12.500	12.1	97.1	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	12515.539		1.00	3.47	12515.539	12.500	12.1	97.1	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	12515.539		1.00	3.47	12515.539	12.500	12.1	97.1	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	2341.504	3034.041	1.00	3.62	9.647	9.120	8.61	94.4	NO	3.653	NO
28	15	6:2 FTS	427.0 > 407	1591.726	1839.637	1.00	3.92	10.815	9.480	8.62	90.9	NO	0.724	NO
29	16	L-PFOA	413 > 369	13387.472	15757.332	1.00	3.98	10.620	10.000	9.45	94.5	NO	3.074	NO
30	18	PFecHS	461 > 381.0		15757.332	1.00			10.000		*	NO		YES
31	19	PFHpS	449.0 > 80	2222.528	2960.181	1.00	4.10	9.385	9.520	9.63	101.2	NO	1.767	NO
32	20	7:3 FTCA	440.9 > 336.9		16707.250	1.00			10.000		*	NO		YES
33	61	13C3-PFHxS-EIS	402 >80	3034.041		1.00	3.62	3034.041	12.500	12.2	98.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1839.637		1.00	3.92	1839.637	12.500	12.9	103.5	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	15757.332		1.00	3.98	15757.332	12.500	12.7	101.5	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	15757.332		1.00	3.98	15757.332	12.500	12.7	101.5	NO		

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Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71 13C8-PFOS-EIS	507.1 > 80	2960.181		1.00	4.52	2960.181	12.500	12.4	99.4	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	16707.250		1.00	4.43	16707.250	12.500	12.0	96.3	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	14557.684	16707.250	1.00	4.43	10.892	10.000	9.51	95.1	NO	11.698	YES
41	22 PFOSA	498 > 78	3010.597	5616.377	1.00	4.48	6.700	10.000	9.79	97.9	NO	18.414	NO
42	23 L-PFOS	499 > 80	2483.146	2960.181	1.00	4.52	10.486	9.280	8.84	95.3	NO	2.306	NO
43	25 9Cl-PF30NS	531 > 351	5323.701	2960.181	1.00	4.75	22.480	9.320	8.31	89.1	NO	35.967	YES
44	26 PFDA	513 > 469	13604.509	20034.004	1.00	4.82	8.488	10.000	9.44	94.4	NO	5.037	NO
45	27 8:2 FTS	526.8> 506.9	1758.944	1735.084	1.00	4.79	12.672	9.600	10.6	110.2	NO	0.866	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	16707.250		1.00	4.43	16707.250	12.500	12.0	96.3	NO		
47	67 13C8-PFOSA-EIS	506 > 78	5616.377		1.00	4.48	5616.377	12.500	12.2	97.3	NO		
48	71 13C8-PFOS-EIS	507.1 > 80	2960.181		1.00	4.52	2960.181	12.500	12.4	99.4	NO		
49	71 13C8-PFOS-EIS	507.1 > 80	2960.181		1.00	4.52	2960.181	12.500	12.4	99.4	NO		
50	73 13C2-PFDA-EIS	515.1 > 469.9	20034.004		1.00	4.82	20034.004	12.500	12.4	99.3	NO		
51	75 13C2-8:2 FTS-EIS	529 > 80	1735.084		1.00	4.79	1735.084	12.500	12.7	101.2	NO		
52	-1												
53	28 PFNS	549 > 80	2876.866	2960.181	1.00	4.89	12.148	9.600	9.92	103.3	NO	2.529	NO
54	29 L-MeFOSAA	570 > 419	4246.679	4545.876	1.00	4.97	11.677	10.000	9.32	93.2	NO	1.808	NO
55	31 L-EtFOSAA	583.9 > 419	4728.737	4764.298	1.00	5.14	12.407	10.000	8.88	88.8	NO	1.365	NO
56	33 PFUdA	563.0 > 519	16068.091	17527.848	1.00	5.15	11.459	10.000	10.7	106.7	NO	19.433	NO
57	34 PFDS	598.8 > 79.9	2559.174	2960.181	1.00	5.20	10.807	9.640	9.60	99.6	NO	2.040	NO
58	35 11Cl-PF30UdS	631 > 451	4672.517	21132.260	1.00	5.37	2.764	9.440	9.36	99.2	NO	16.692	NO
59	71 13C8-PFOS-EIS	507.1 > 80	2960.181		1.00	4.52	2960.181	12.500	12.4	99.4	NO		
60	77 d3-N-MeFOSAA-EIS	573.1 > 419	4545.876		1.00	4.97	4545.876	12.500	12.6	100.9	NO		
61	81 d5-N-EtFOSAA-EIS	589.3 > 419	4764.298		1.00	5.13	4764.298	12.500	12.3	98.6	NO		
62	79 13C2-PFUdA-EIS	565 > 519.8	17527.848		1.00	5.15	17527.848	12.500	11.5	92.0	NO		
63	71 13C8-PFOS-EIS	507.1 > 80	2960.181		1.00	4.52	2960.181	12.500	12.4	99.4	NO		
64	83 13C2-PFDoA-EIS	614.9 > 569.9	21132.260		1.00	5.44	21132.260	12.500	11.6	93.1	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607		1313.405	1.00			10.000		*	NO		YES
67	37 PFDoA	612.9 > 569.0	16405.725	21132.260	1.00	5.44	9.704	10.000	10.2	102.2	NO	15.735	NO
68	38 N-MeFOSA	512.1 > 168.9		20242.006	1.00			9.600		*	NO		YES
69	39 PFTrDA	662.9 > 618.9	16610.246	21132.260	1.00	5.69	9.825	10.000	9.74	97.4	NO	115.283	YES
70	40 PFDoS	699 > 80		20293.875	1.00			10.000		*	NO		YES
71	41 PFTeDA	713.0 > 669.0	11499.943	20293.875	1.00	5.91	7.083	10.000	10.2	101.8	NO	13.913	NO
72	85 13C2-10:2 FTS-EIS	632.9 > 80.0	1313.405		1.00	5.42	1313.405	12.500	13.1	104.6	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	21132.260		1.00	5.44	21132.260	12.500	11.6	93.1	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	20242.006		1.00	5.54	20242.006	149.200	150	100.5	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	21132.260		1.00	5.44	21132.260	12.500	11.6	93.1	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	20293.875		1.00	5.91	20293.875	12.500	11.7	93.6	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	20293.875		1.00	5.91	20293.875	12.500	11.7	93.6	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		25793.996	1.00			9.600		*	NO		YES
80	43	PFHxDA	813 > 769		24043.104	1.00			10.000			NO		YES
81	44	PFODA	913.1 > 868.8		24043.104	1.00			10.000			NO		
82	45	N-MeFOSE	616.1 > 58.9		22794.771	1.00			9.600			NO		
83	46	N-EtFOSE	630.1 > 58.9		24843.932	1.00			9.600			NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4653.609	5258.539	1.00	1.13	11.062	12.500	12.9	103.5	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	25793.996		1.00	6.01	25793.996	149.200	149	100.0	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	24043.104		1.00	6.27	24043.104	12.500	11.8	94.4	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	24043.104		1.00	6.27	24043.104	12.500	11.8	94.4	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	22794.771		1.00	6.23	22794.771	149.200	148	99.4	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	24843.932		1.00	6.38	24843.932	149.200	146	97.6	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	10228.549	16336.769	1.00	2.06	7.826	12.500	11.7	93.3	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1277.624	1165.343	1.00	2.35	13.704	12.500	12.0	96.1	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2522.139	16336.769	1.00	3.08	1.930	12.500	12.3	98.2	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1561.699	1165.343	1.00	2.78	16.751	12.500	13.7	109.7	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	14456.801	16336.769	1.00	2.86	11.062	12.500	12.6	101.2	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	12515.539	16336.769	1.00	3.47	9.576	12.500	12.3	98.6	NO		
97	62	13C3-PFHxS-RSD	402 > 80	3034.041	1165.343	1.00	3.62	32.545	12.500	13.4	107.3	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1839.637	3628.593	1.00	3.92	6.337	12.500	11.8	94.3	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	16707.250	16999.502	1.00	4.43	12.285	12.500	13.0	104.2	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5616.377	14638.495	1.00	4.48	4.796	12.500	12.0	96.1	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	15757.332	14963.057	1.00	3.98	13.164	12.500	12.2	97.5	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2960.181	3628.593	1.00	4.52	10.197	12.500	11.6	92.5	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	20034.004	16167.128	1.00	4.82	15.490	12.500	12.8	102.8	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1735.084	3628.593	1.00	4.79	5.977	12.500	11.2	89.8	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4545.876	14638.495	1.00	4.97	3.882	12.500	12.5	100.4	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	17527.848	14638.495	1.00	5.15	14.967	12.500	11.5	92.3	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	4764.298	14638.495	1.00	5.13	4.068	12.500	12.5	99.9	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	21132.260	16167.128	1.00	5.44	16.339	12.500	12.6	101.1	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1313.405	3628.593	1.00	5.42	4.524	12.500	11.7	93.7	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	20242.006	14638.495	1.00	5.54	17.285	149.200	142	94.9	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	20293.875	14638.495	1.00	5.91	17.329	12.500	11.6	92.7	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	25793.996	14638.495	1.00	6.01	22.026	149.200	149	100.2	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	24043.104	14638.495	1.00	6.27	20.531	12.500	11.9	95.3	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	22787.559	14638.495	1.00	6.23	19.459	149.200	150	100.4	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	24843.932	14638.495	1.00	6.38	21.215	149.200	146	97.6	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5258.539	5258.539	1.00	1.13	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	16336.769	16336.769	1.00	2.86	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	14963.057	14963.057	1.00	3.98	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	1165.343	1165.343	1.00	3.62	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	16999.502	16999.502	1.00	4.43	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3628.593	3628.593	1.00	4.52	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	16167.128	16167.128	1.00	4.82	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	14638.495	14638.495	1.00	5.15	12.500	12.500	12.5	100.0	NO		

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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

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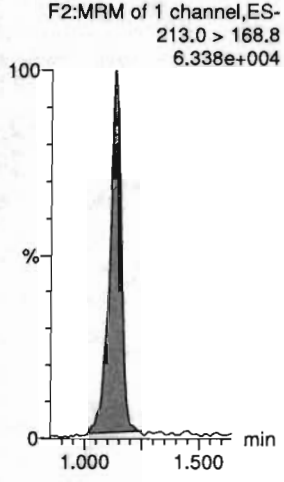
PFBA



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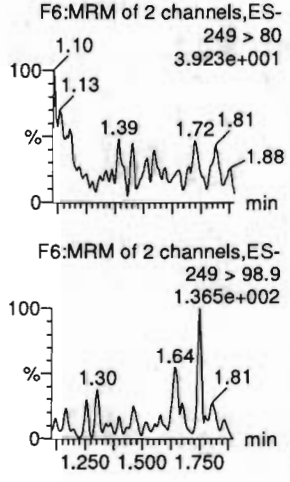

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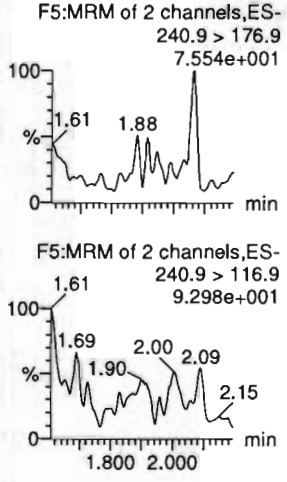
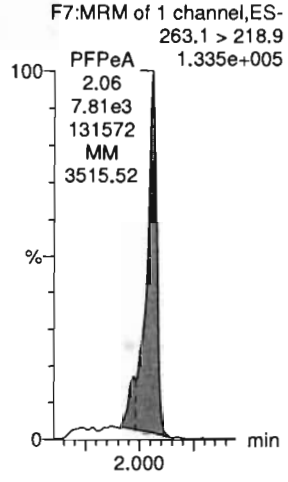


PFPeA



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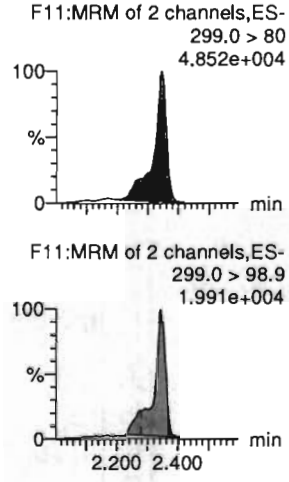
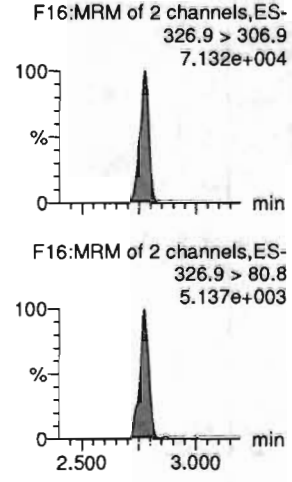


4:2 FTS



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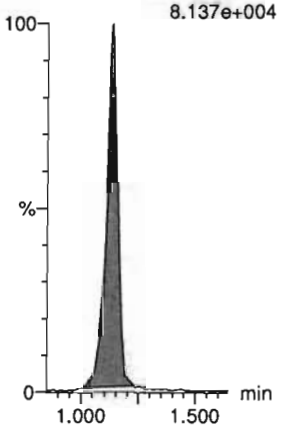

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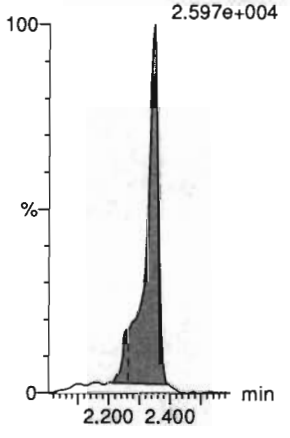

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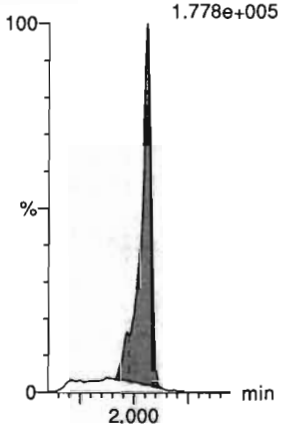

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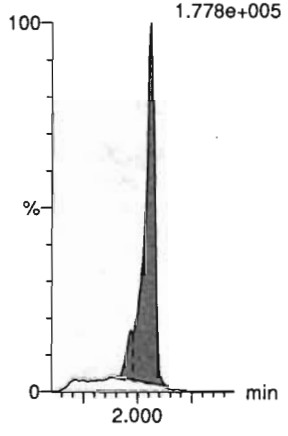

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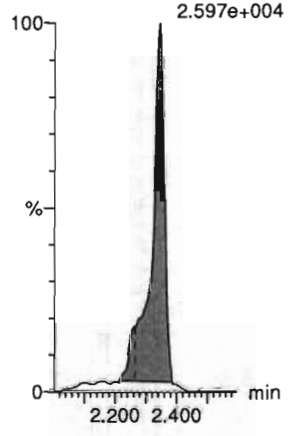
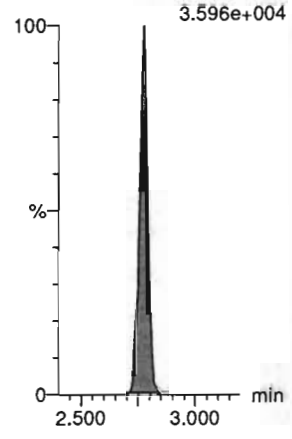


13C2-4:2 FTS-EIS



OPV 6/24/2020

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Printed: Wednesday, June 24, 2020 10:36:31 Pacific Daylight Time

Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

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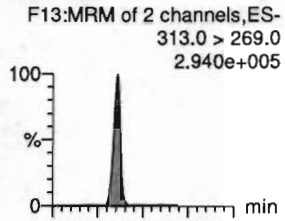

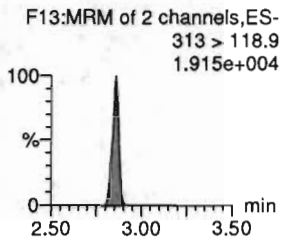

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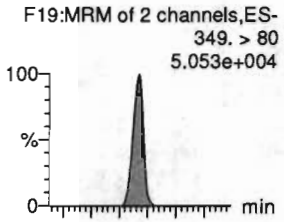

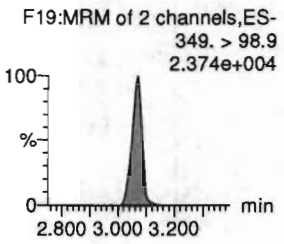

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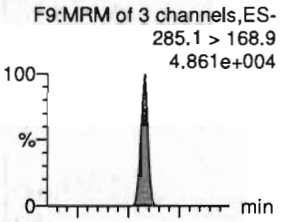

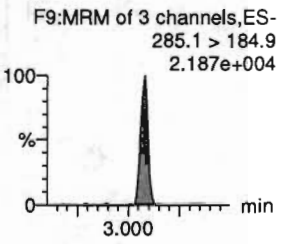

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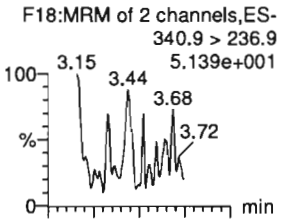

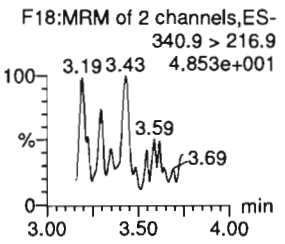

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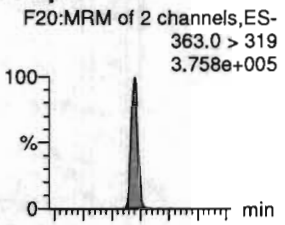

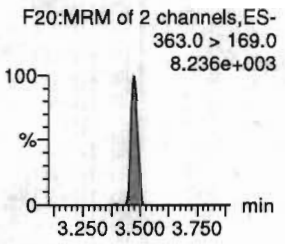

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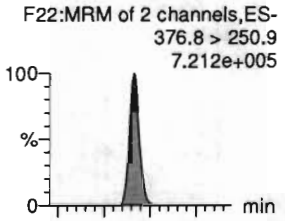

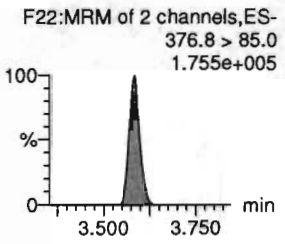

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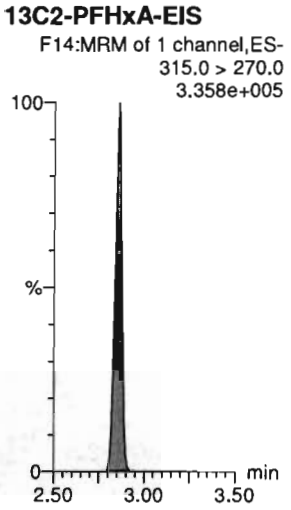
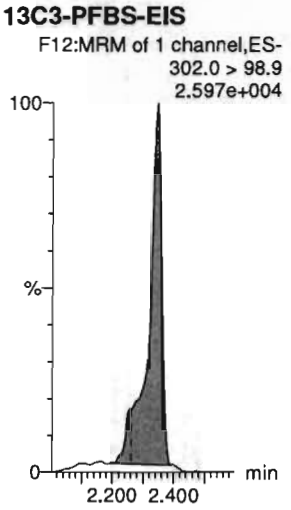


13C3-PFBS-EIS



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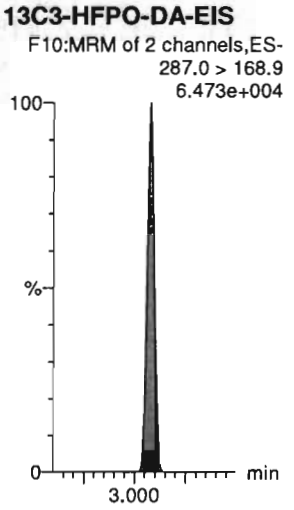

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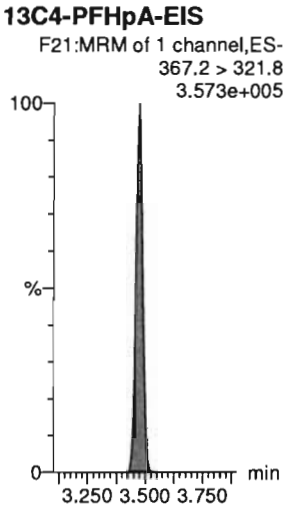

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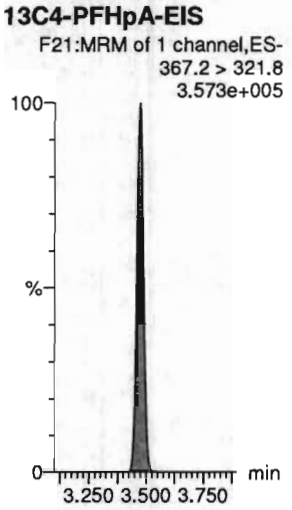

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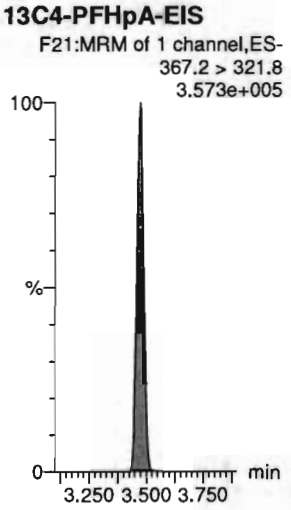

QPV 6/24/2020

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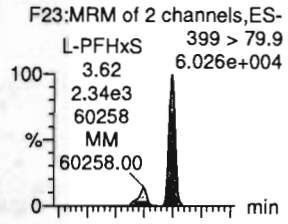
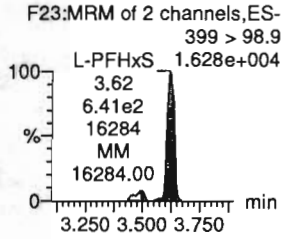
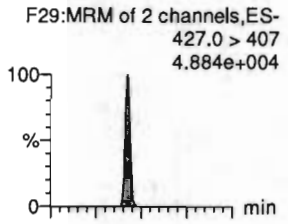
Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

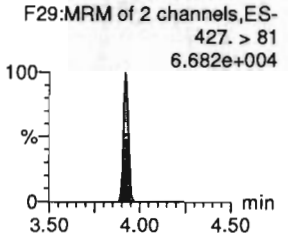
L-PFHxS



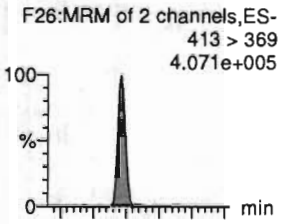


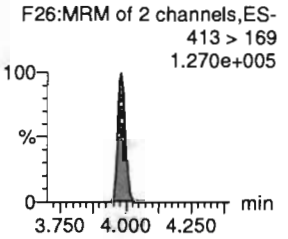
6:2 FTS





L-PFOA





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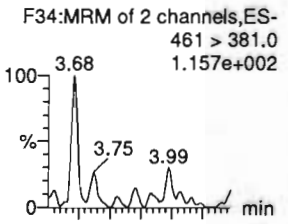

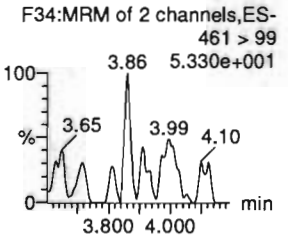

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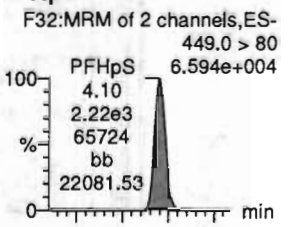
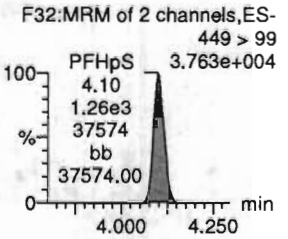
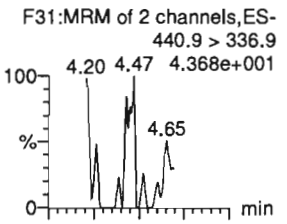
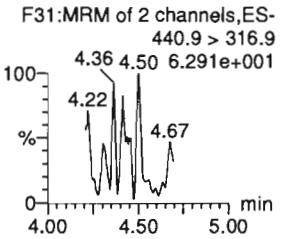




7:3 FTCA





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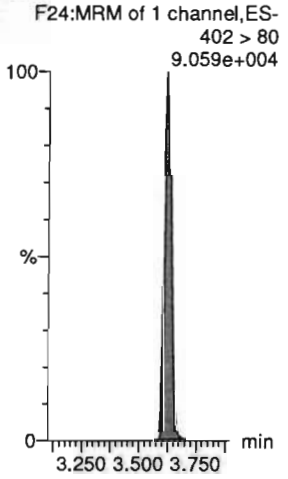
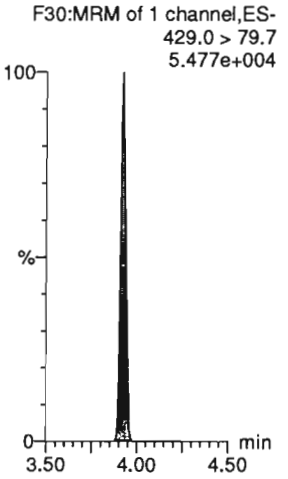


13C2-6:2 FTS-EIS



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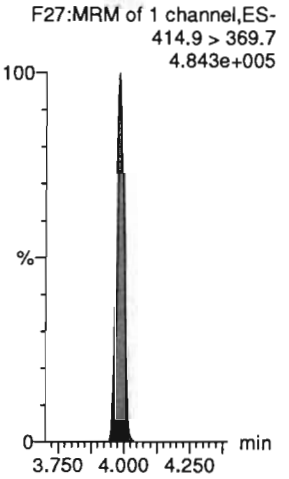

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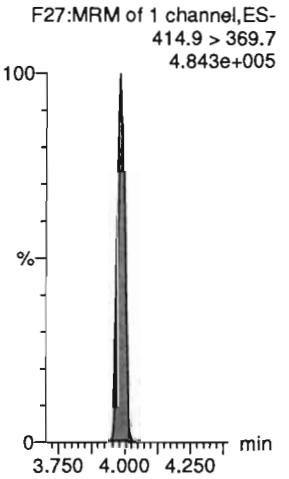

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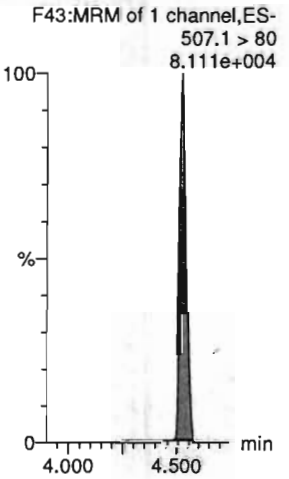

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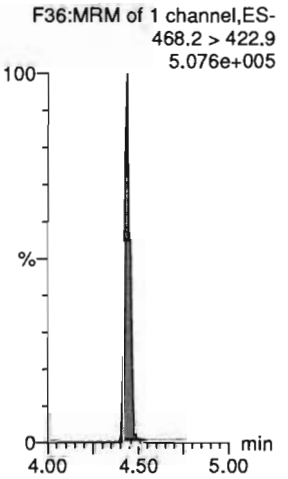

OPV 6/24/2020

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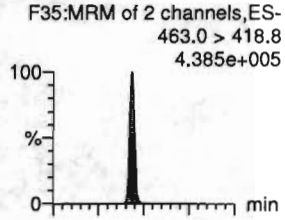

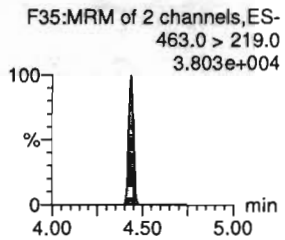

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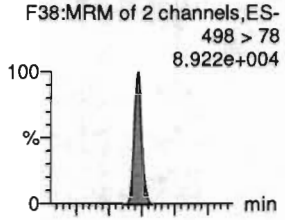
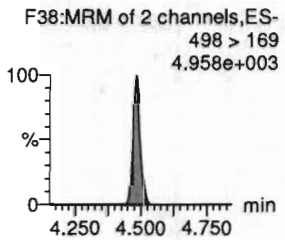
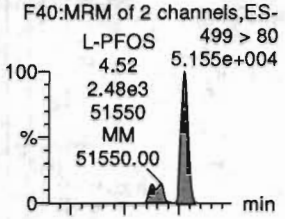
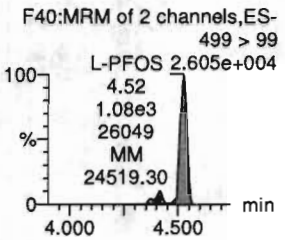




L-PFOS





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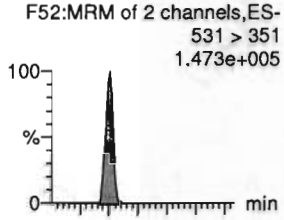
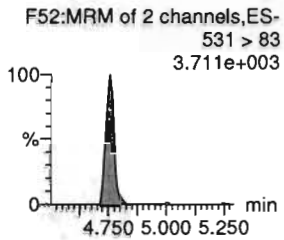
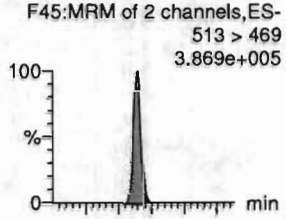
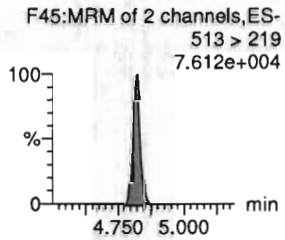




PFDA





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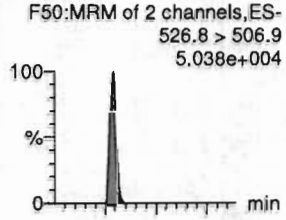
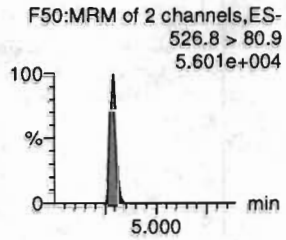
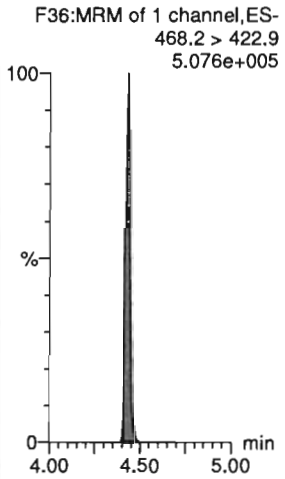
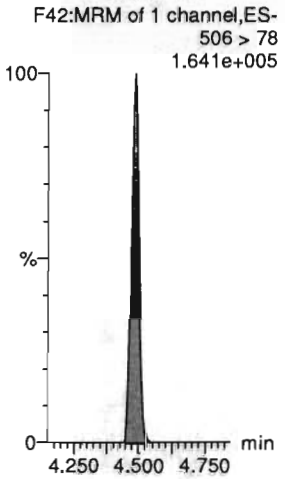




13C5-PFNA-EIS



13C8-PFOSA-EIS



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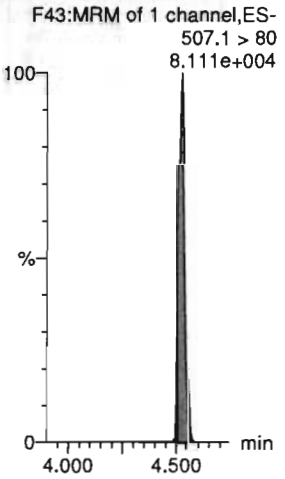

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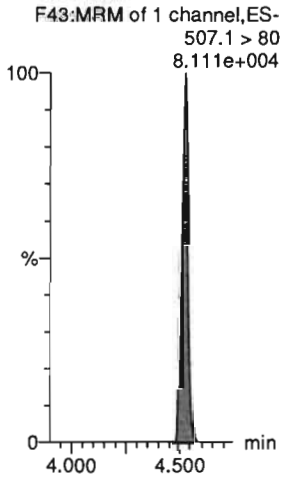

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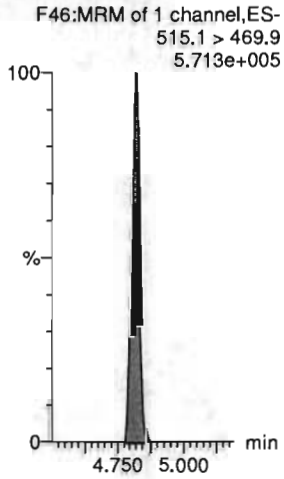
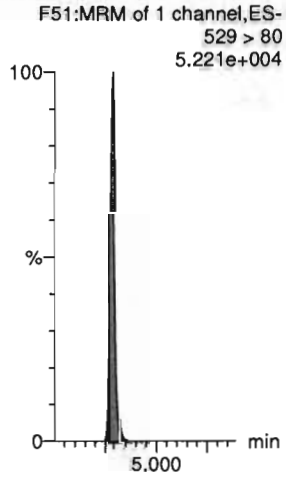


13C2-8:2 FTS-EIS



OPV 6/24/2020

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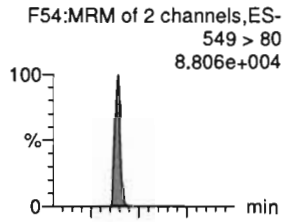
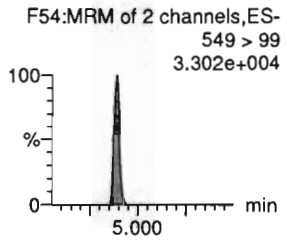
Printed: Wednesday, June 24, 2020 10:36:31 Pacific Daylight Time

Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

PFNS





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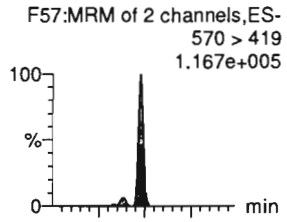

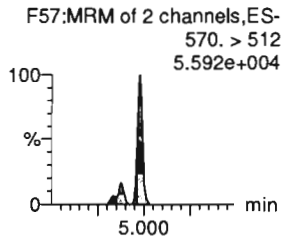

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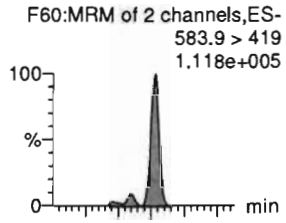

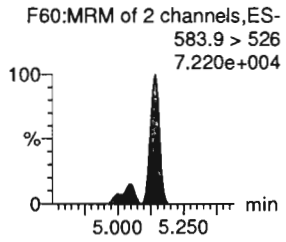

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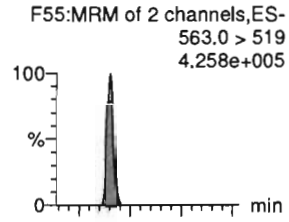

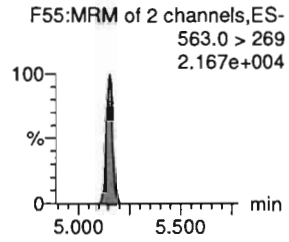

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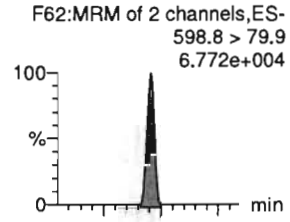

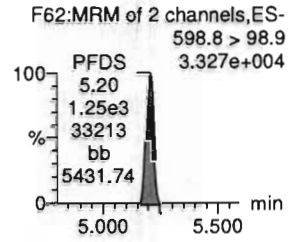

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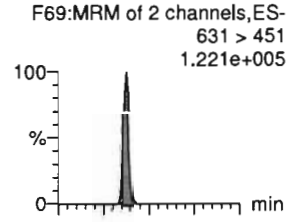

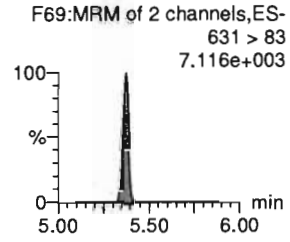

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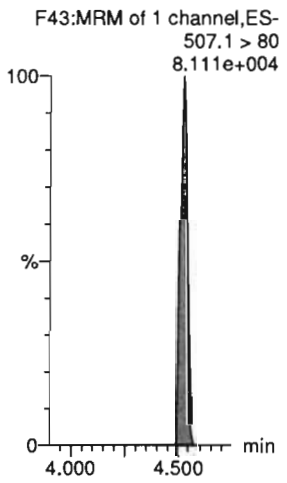

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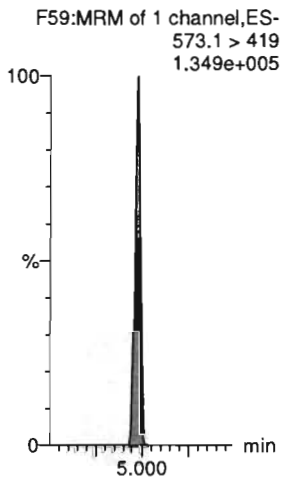

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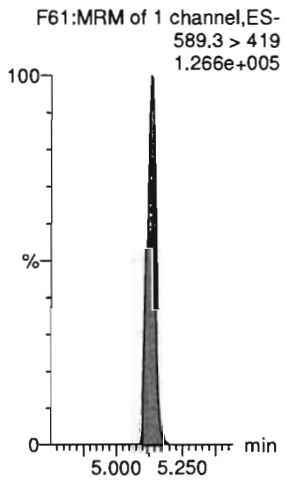

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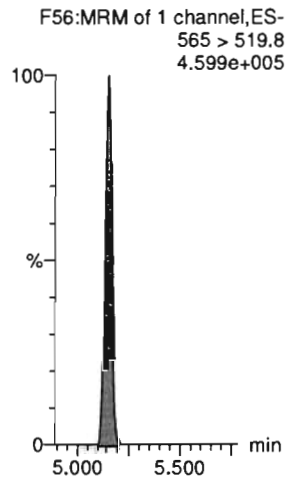

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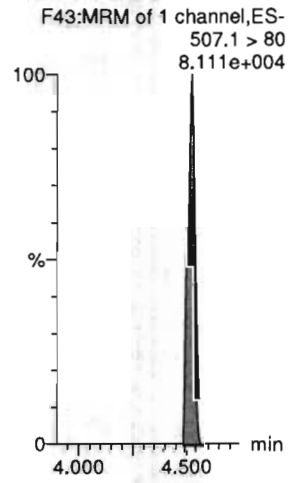

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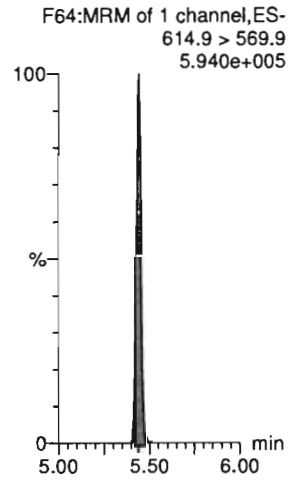

OPV 6/24/2020

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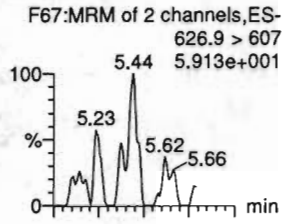
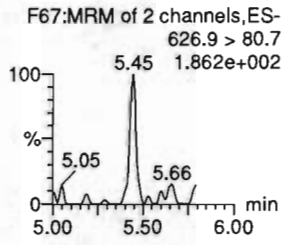
10:2 FTS





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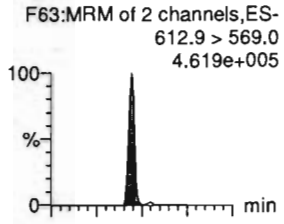

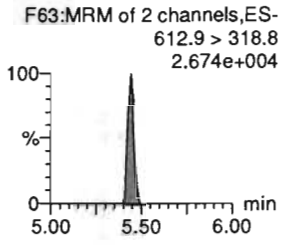

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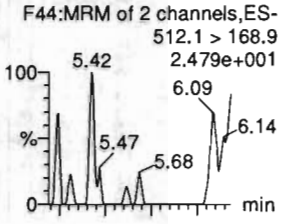

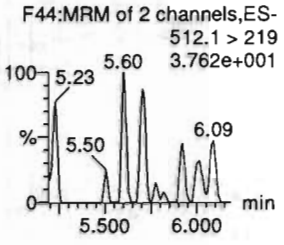

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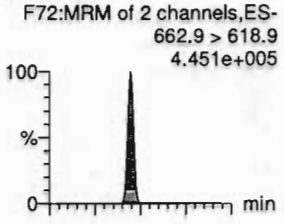

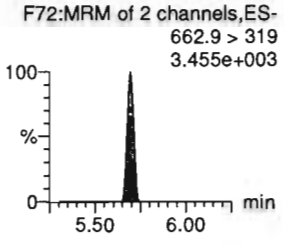

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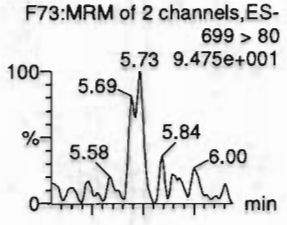

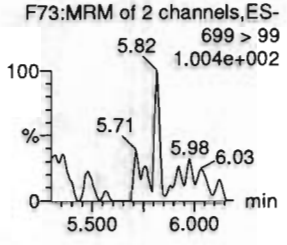

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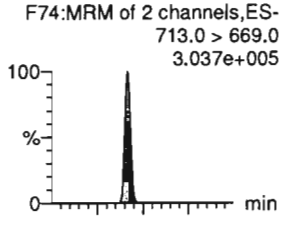

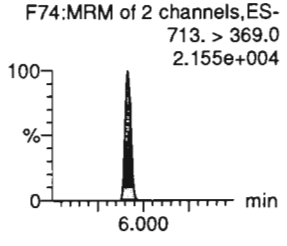

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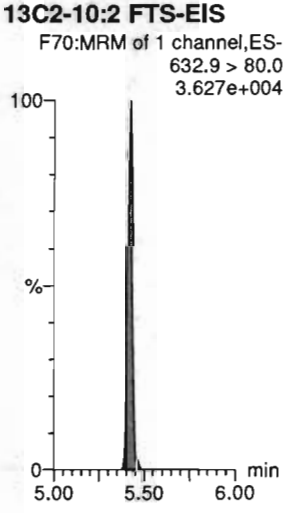
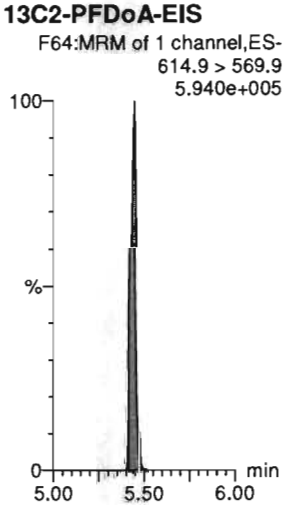
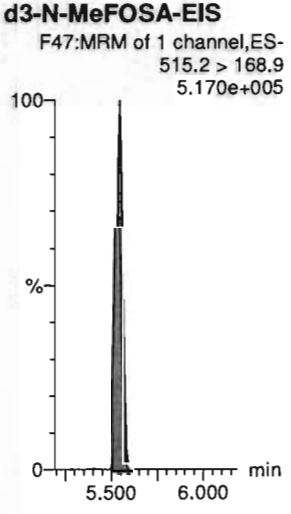


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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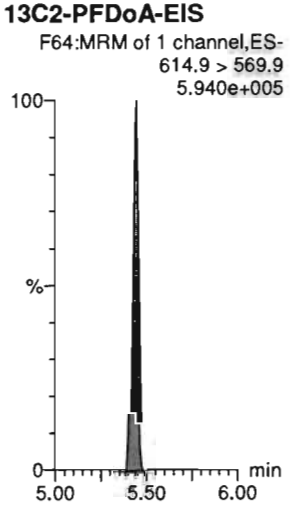

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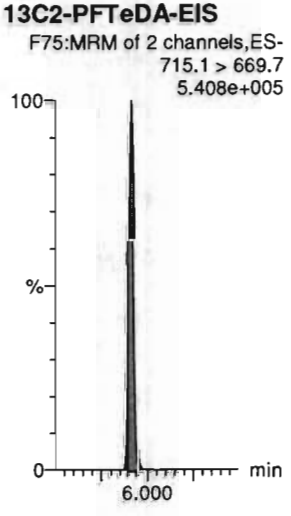

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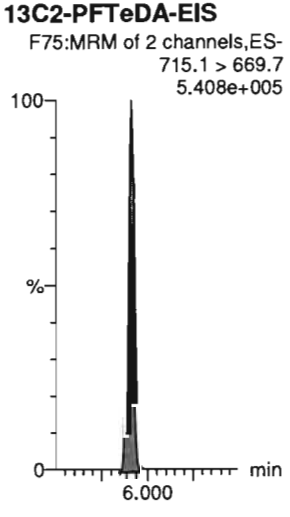

OPV 6/24/2020

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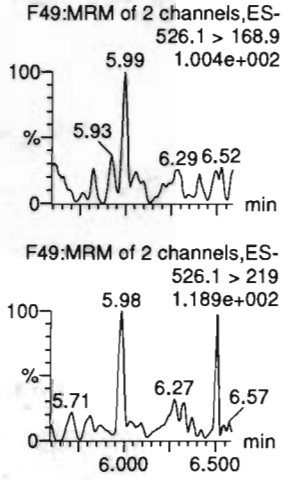
N-EtFOSA



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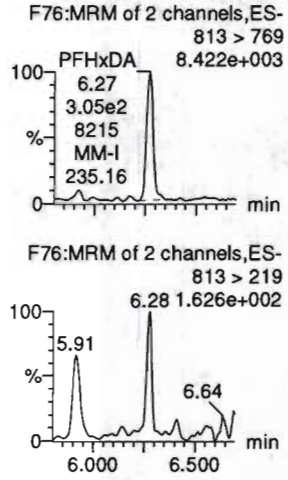

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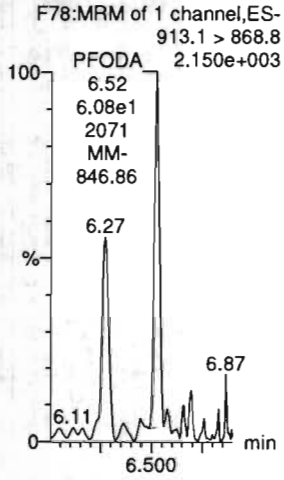
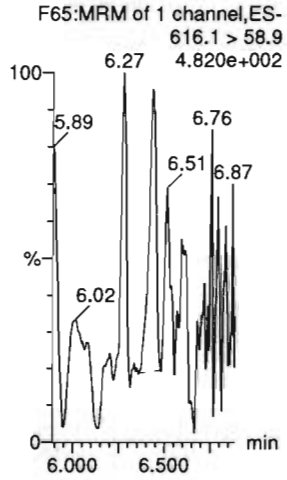


N-MeFOSE



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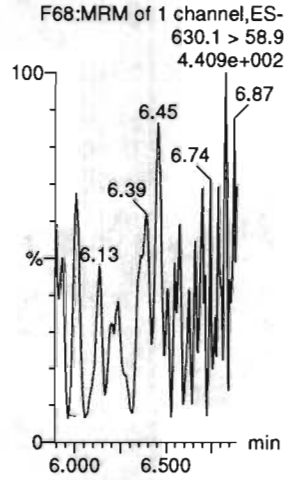

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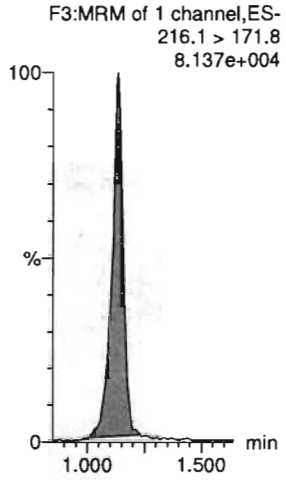
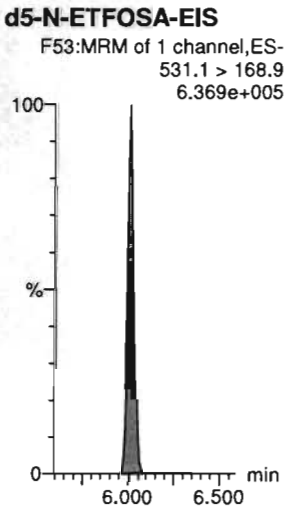
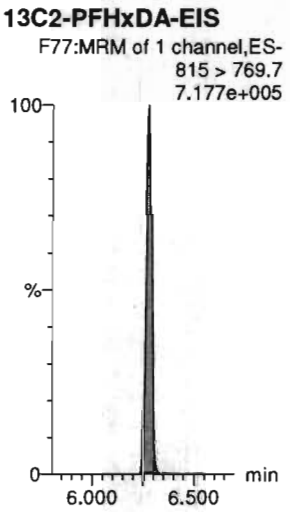


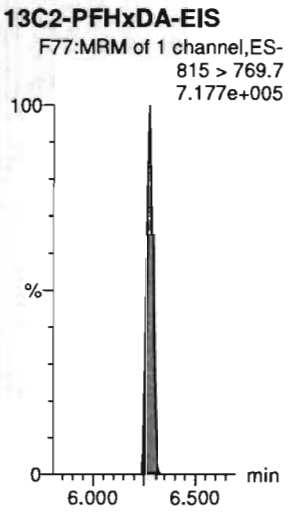
d5-N-ETFOSA-EIS



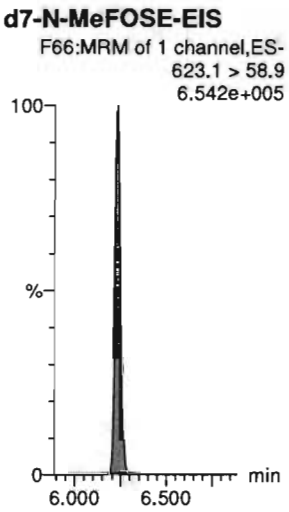
13C2-PFHxDA-EIS



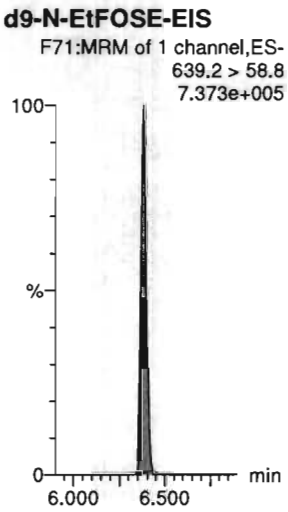
13C2-PFHxDA-EIS



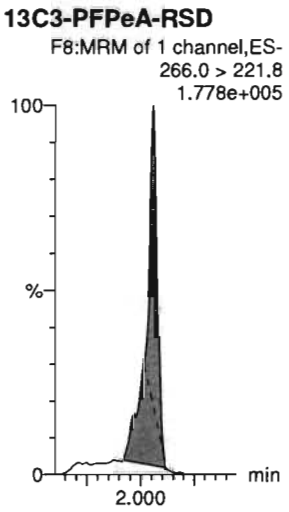
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



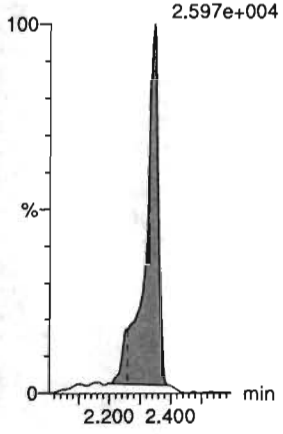
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-ICV.qld

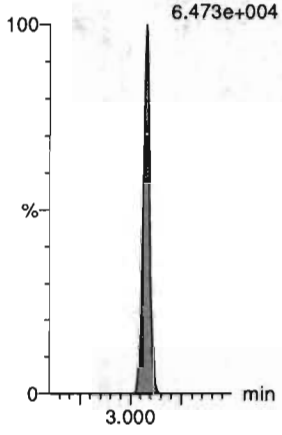
Last Altered: Wednesday, June 24, 2020 10:35:57 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:36:31 Pacific Daylight Time

Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

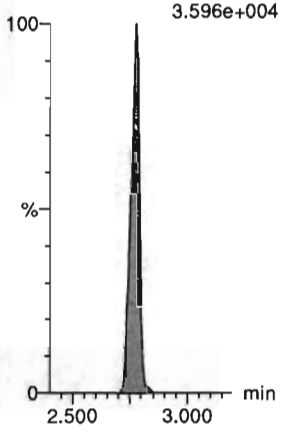
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.597e+004



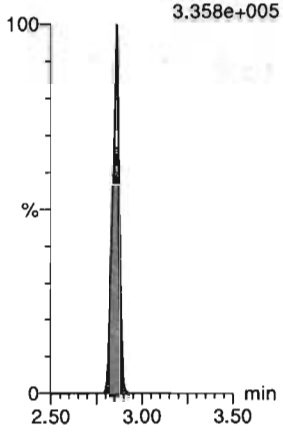
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.473e+004



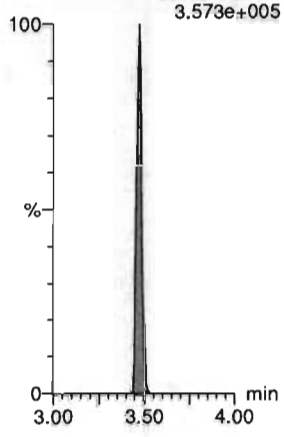
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.596e+004



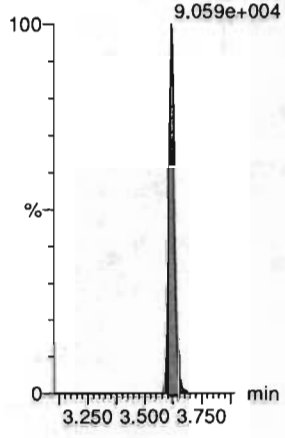
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.358e+005



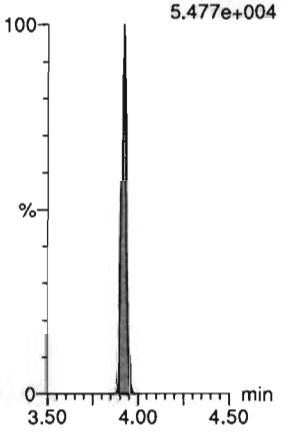
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.573e+005



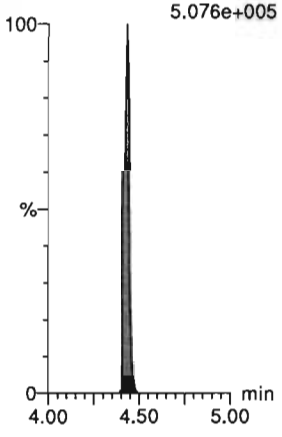
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
9.059e+004



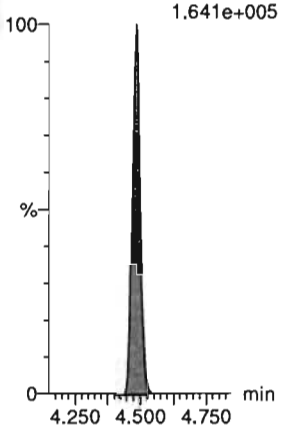
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.477e+004



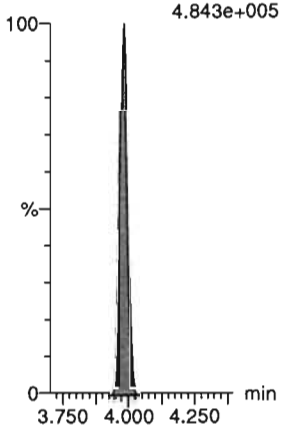
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
5.076e+005



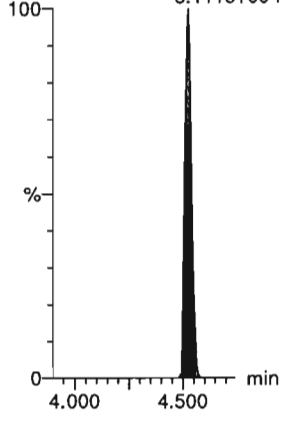
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.641e+005



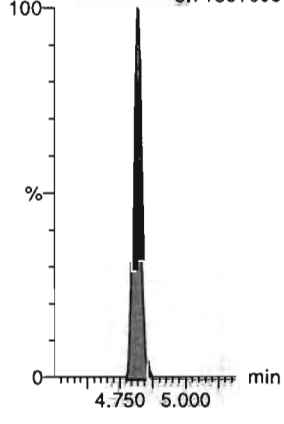
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.843e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.111e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.713e+005



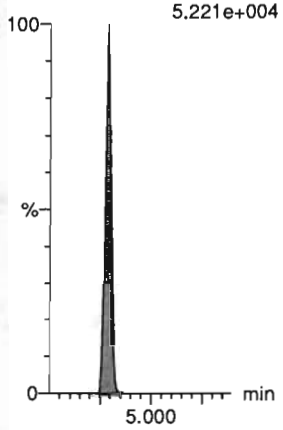
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-ICV.qld

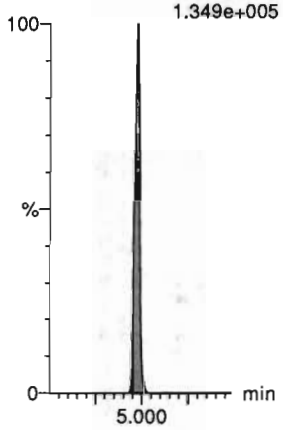
Last Altered: Wednesday, June 24, 2020 10:35:57 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:36:31 Pacific Daylight Time

Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

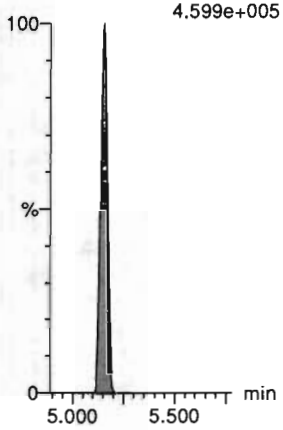
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
5.221e+004



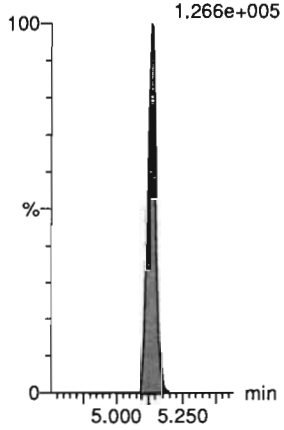
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.349e+005



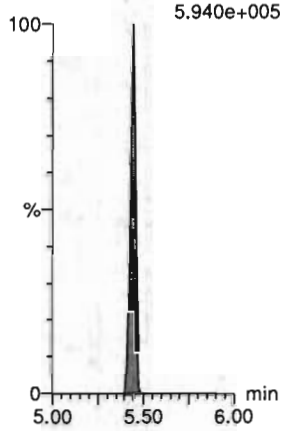
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.599e+005



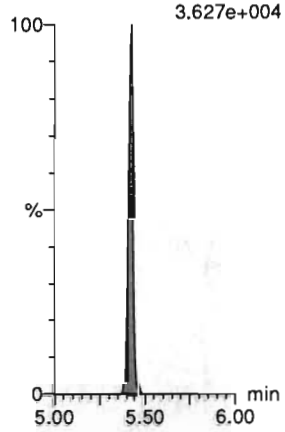
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.266e+005



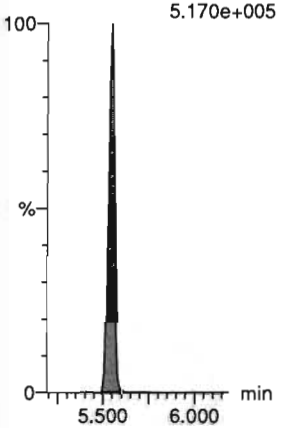
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.940e+005



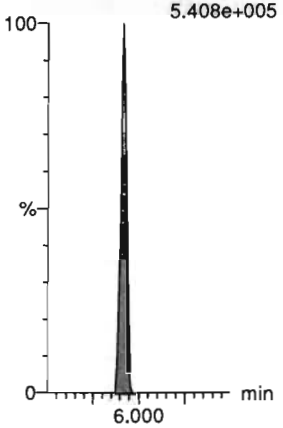
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.627e+004



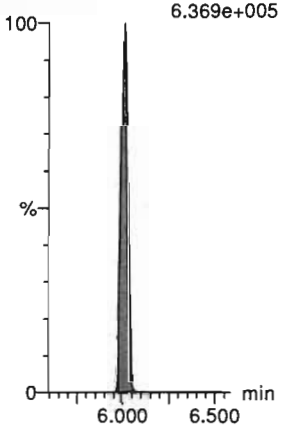
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.170e+005



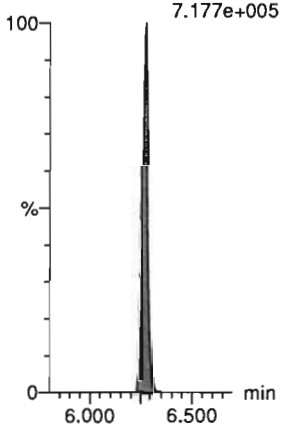
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.408e+005



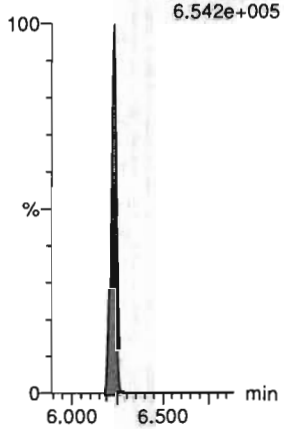
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.369e+005



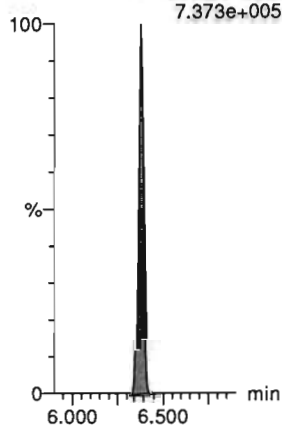
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.177e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.542e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.373e+005



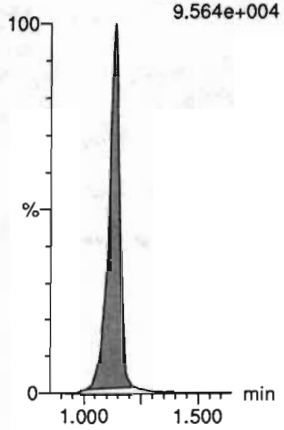
OPV 6/24/2020

Dataset: D:\PFAS5.PRO\RESULTS\200623P1\200623P1-ICV.qld

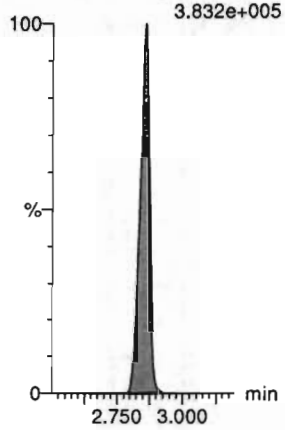
Last Altered: Wednesday, June 24, 2020 10:35:57 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 10:36:31 Pacific Daylight Time

Name: 200623P1-16, Date: 23-Jun-2020, Time: 12:48:27, ID: ICV200623P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

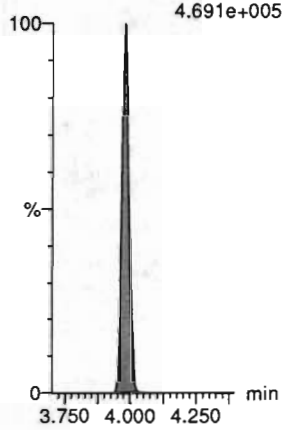
13C4-PFBA



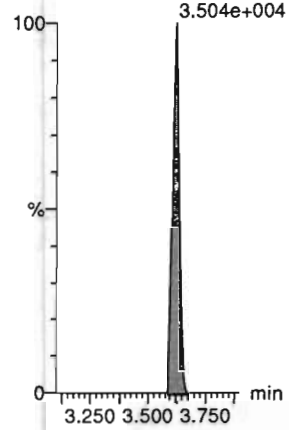
13C5-PFHxA



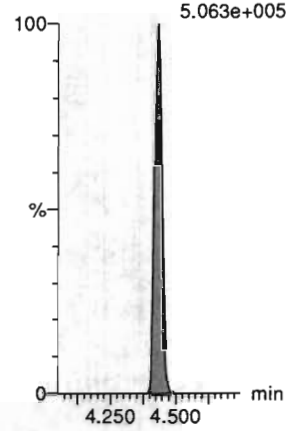
13C8-PFOA



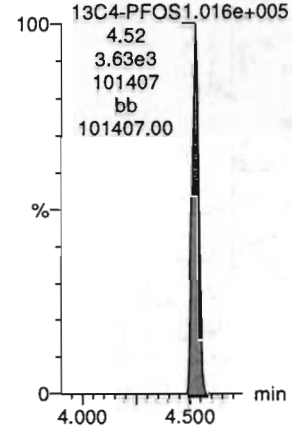
18O2-PFHxS



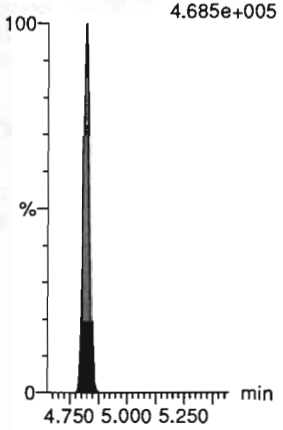
13C9-PFNA



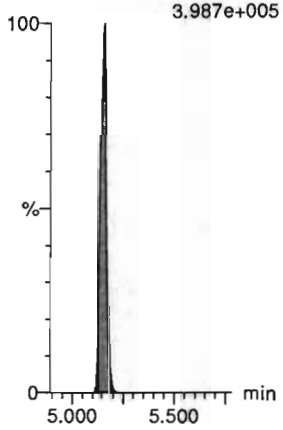
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, June 24, 2020 14:31:38 Pacific Daylight Time
Printed: Wednesday, June 24, 2020 14:43:35 Pacific Daylight Time

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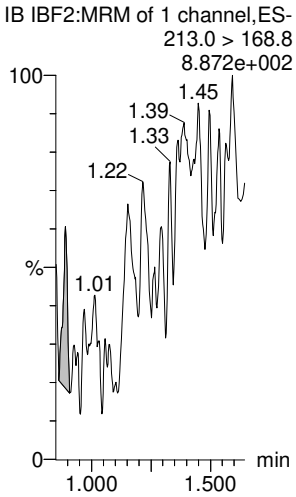
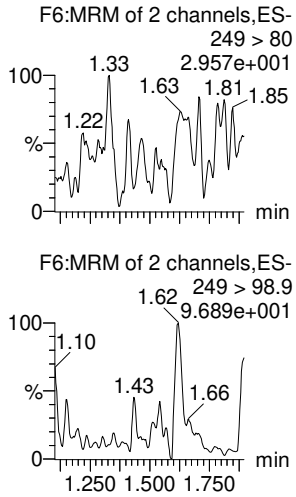
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-23-20.cdb 24 Jun 2020 09:58:31

Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

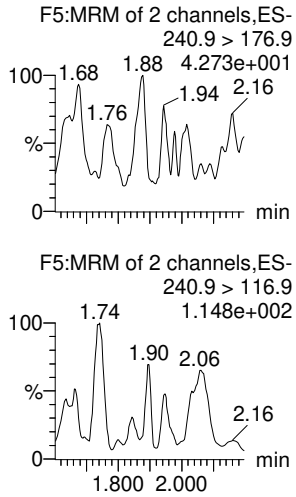
PFBA



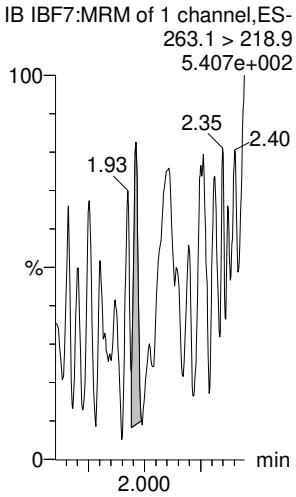
PFPrS



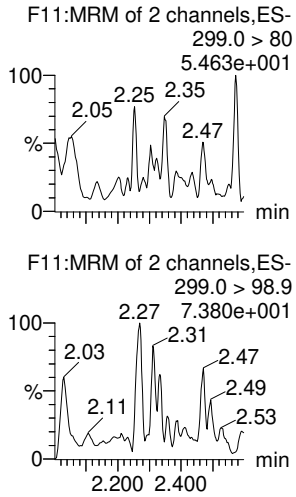
3:3 FTCA



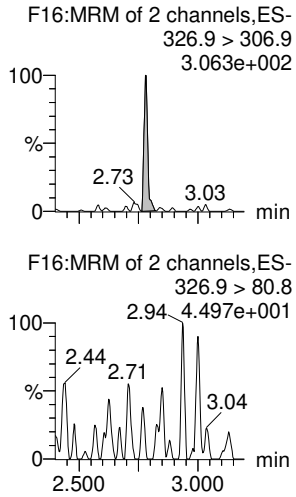
PFPeA



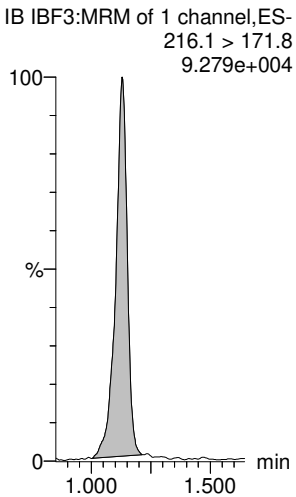
PFBS



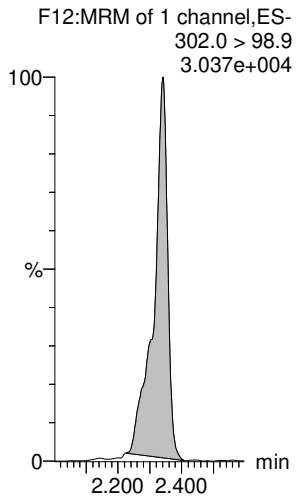
4:2 FTS



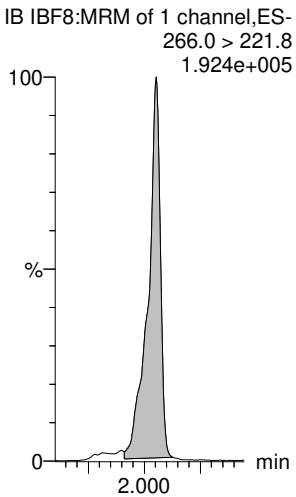
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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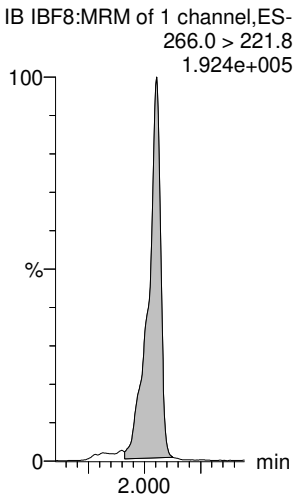

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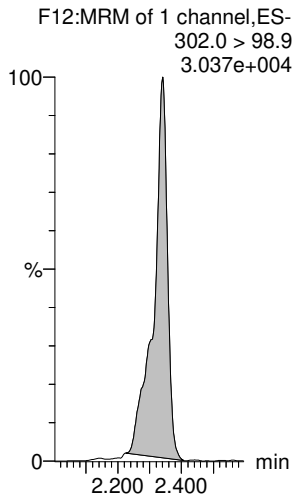
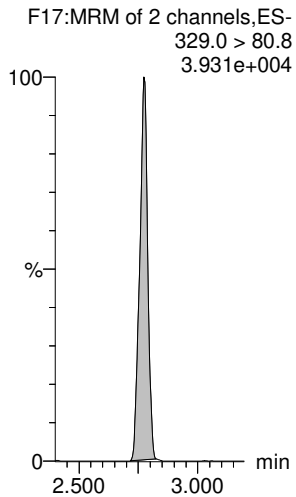


13C2-4:2 FTS-EIS



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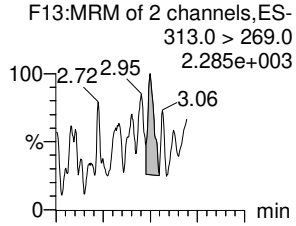
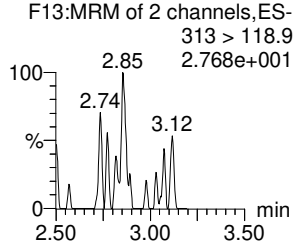
Printed: Wednesday, June 24, 2020 14:43:35 Pacific Daylight Time

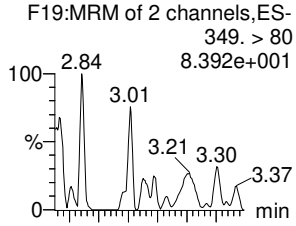
Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

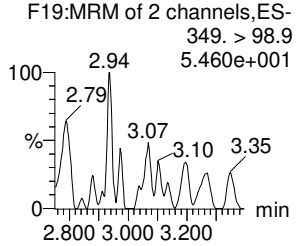
PFHxA



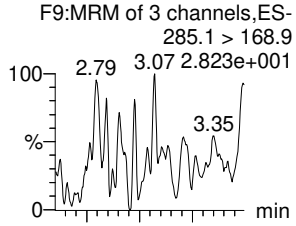


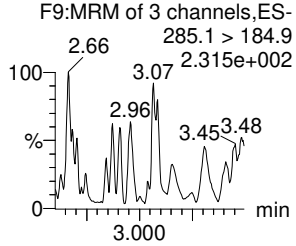
PFPeS



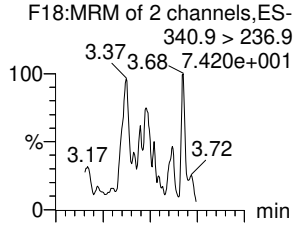


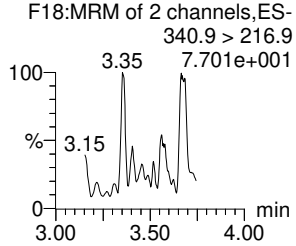
HFPO-DA





5:3 FTCA





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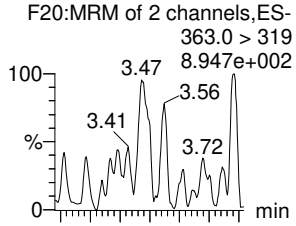

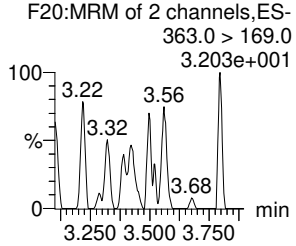

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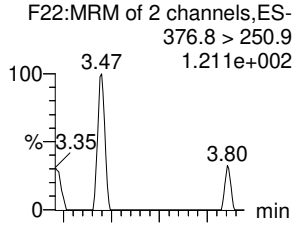

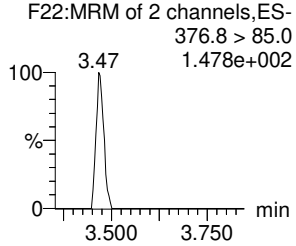

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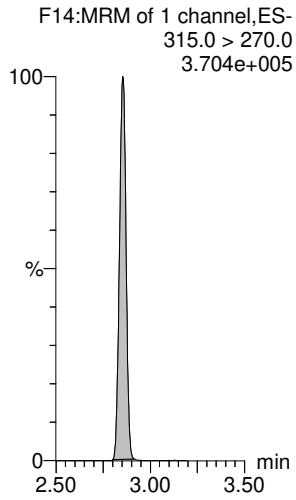
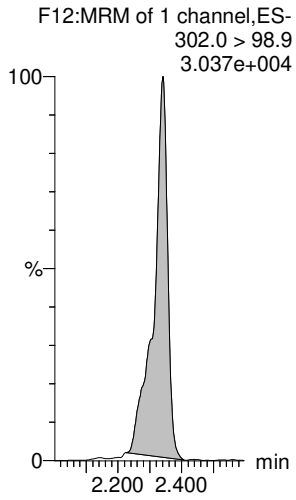


13C3-PFBS-EIS



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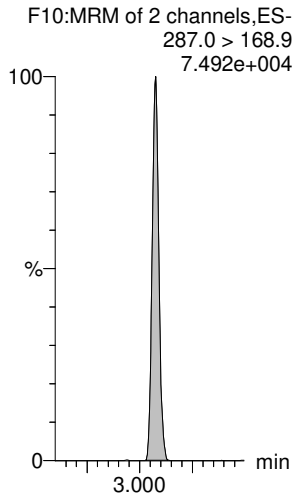

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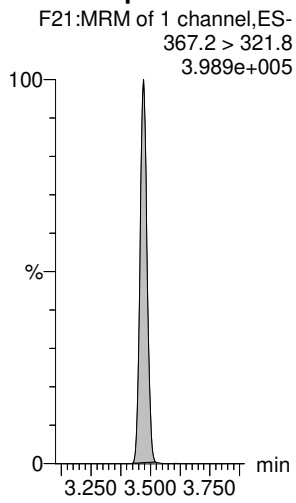

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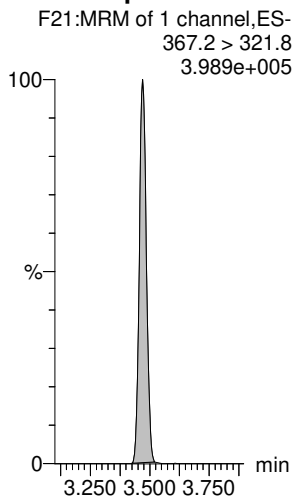

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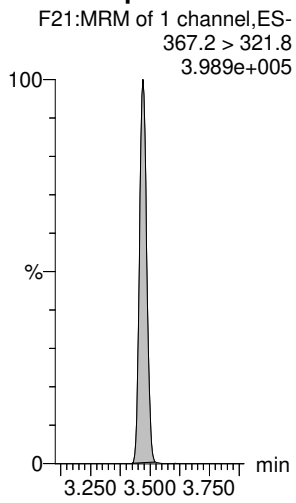

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Last Altered: Wednesday, June 24, 2020 14:31:38 Pacific Daylight Time
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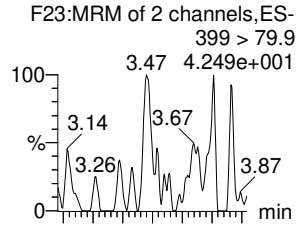
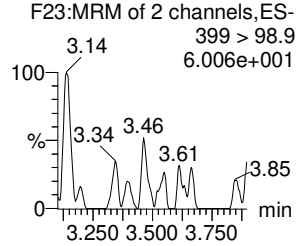
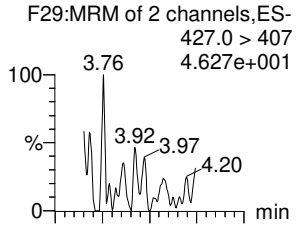
Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

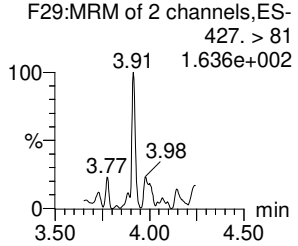
L-PFHxS





6:2 FTS





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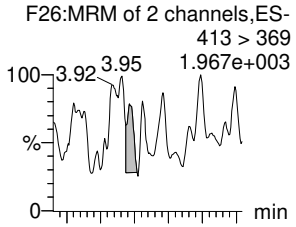

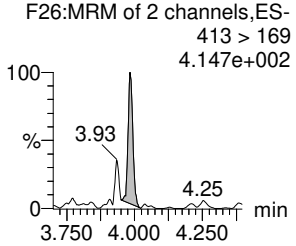

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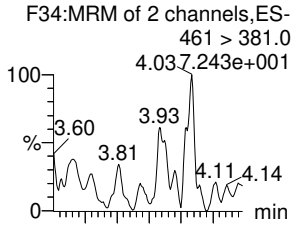

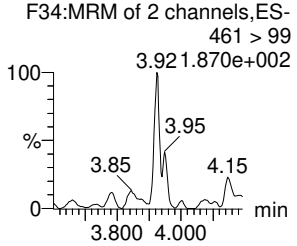

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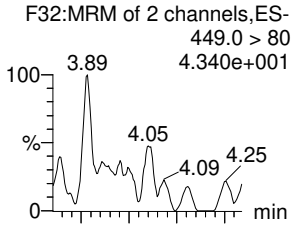

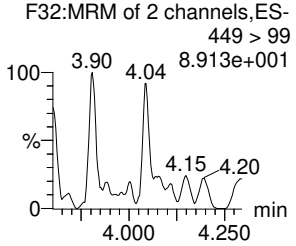

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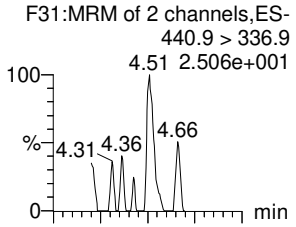

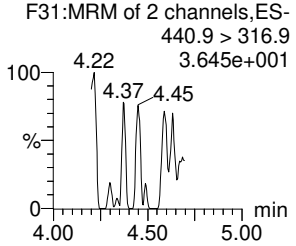

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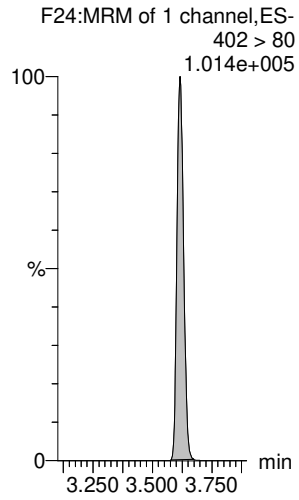

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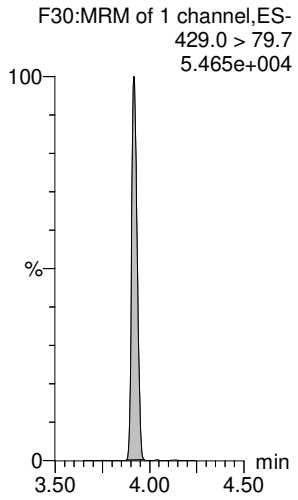

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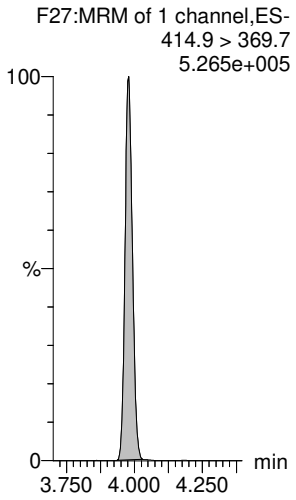

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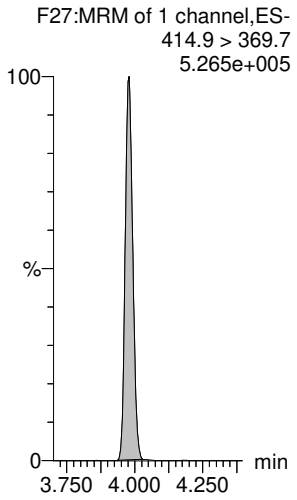
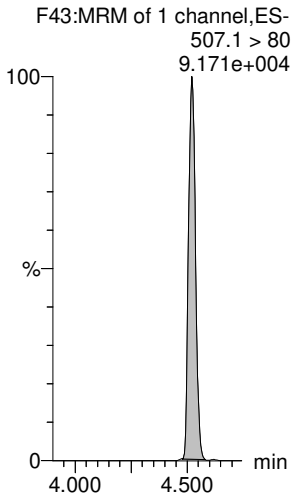


13C8-PFOS-EIS



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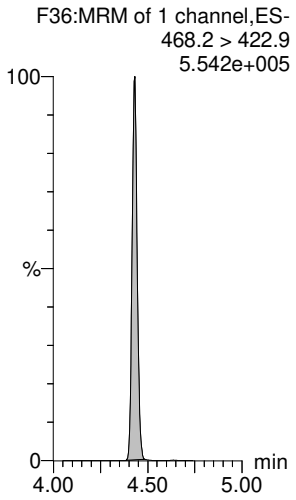

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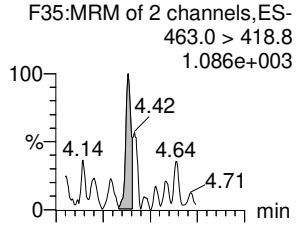

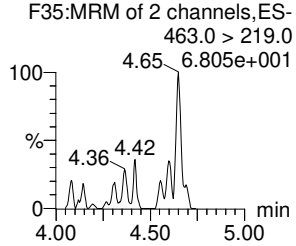

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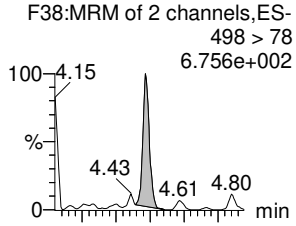
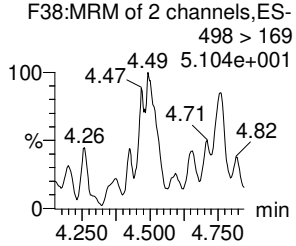
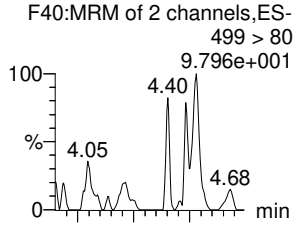
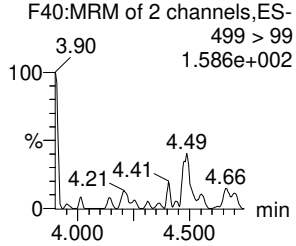




L-PFOS





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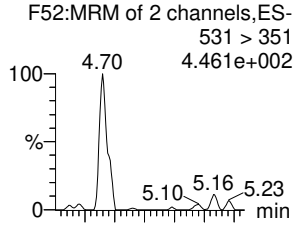

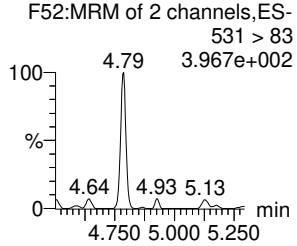

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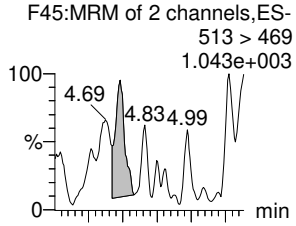
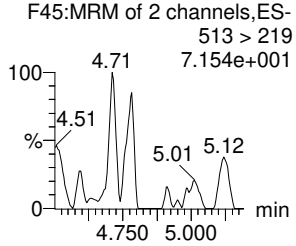
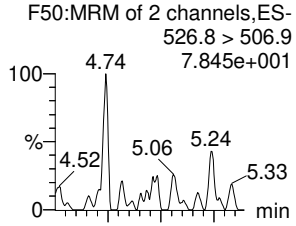
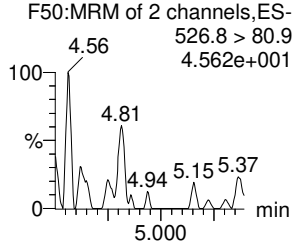


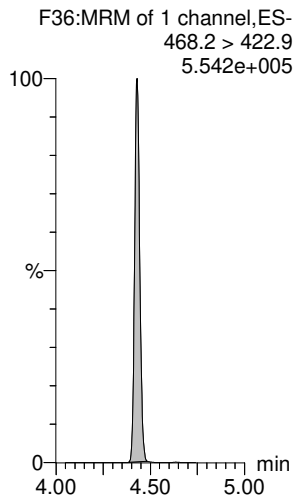


8:2 FTS

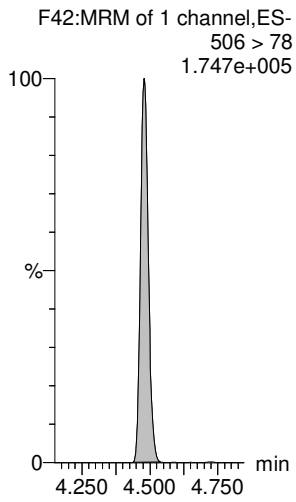




13C5-PFNA-EIS



13C8-PFOSA-EIS



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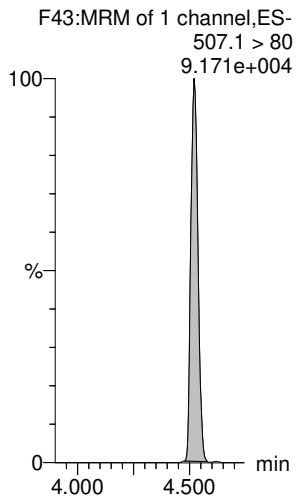

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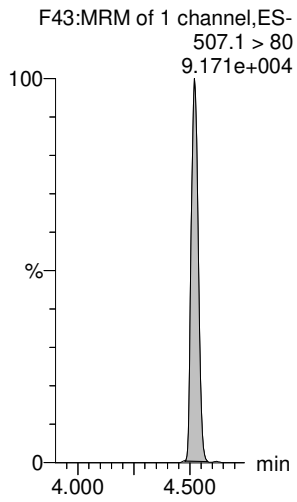

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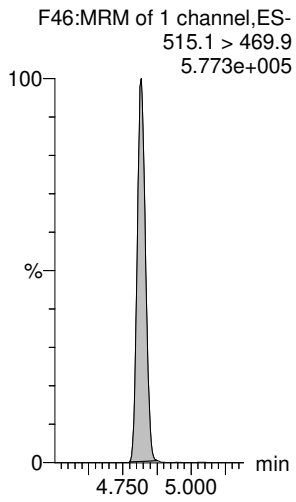
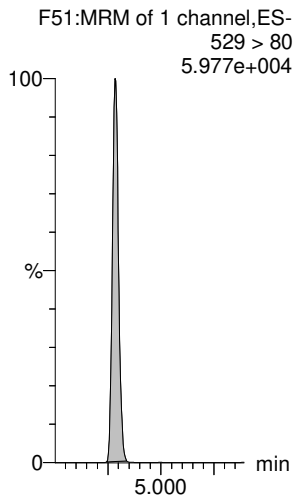


13C2-8:2 FTS-EIS



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Printed: Wednesday, June 24, 2020 14:43:35 Pacific Daylight Time

Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

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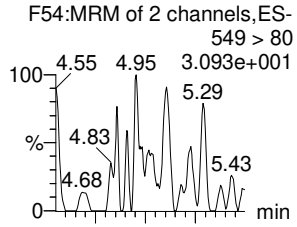

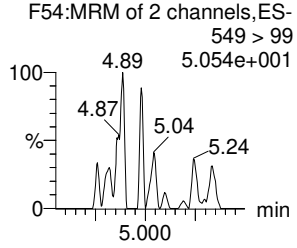

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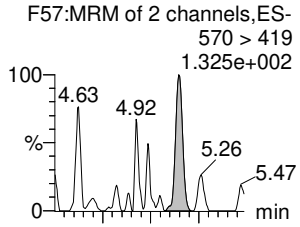

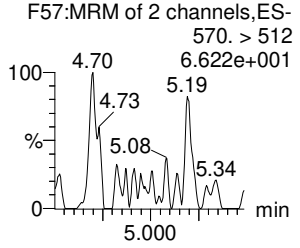

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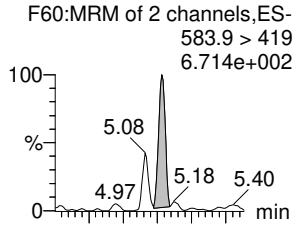

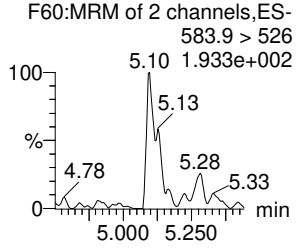

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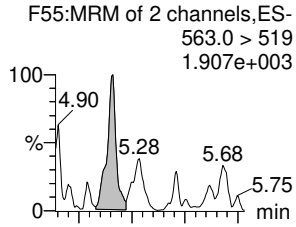

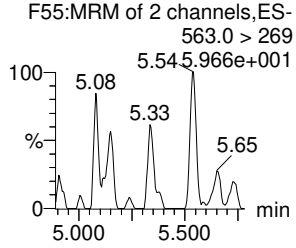

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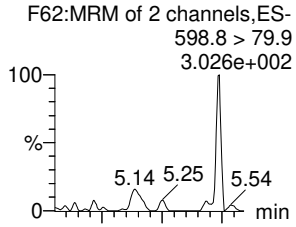

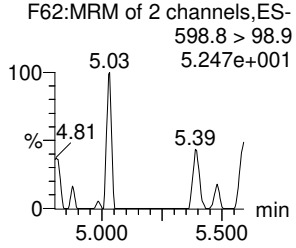

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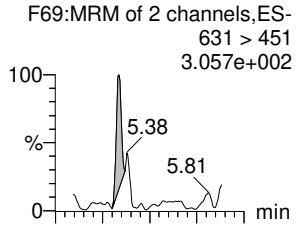

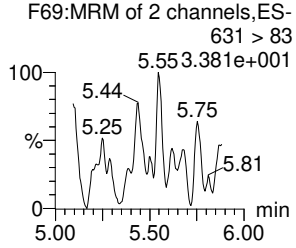

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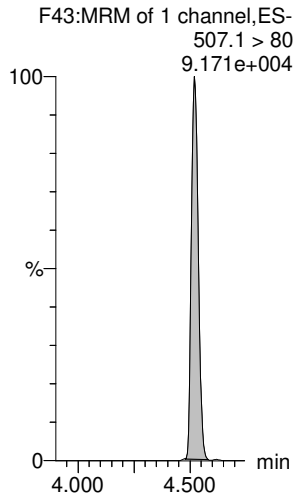

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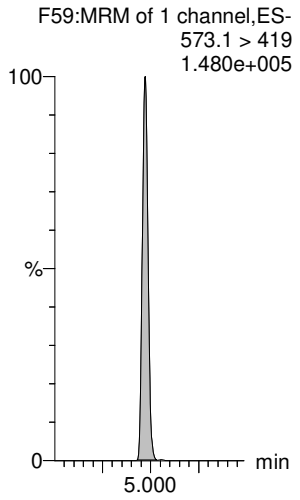

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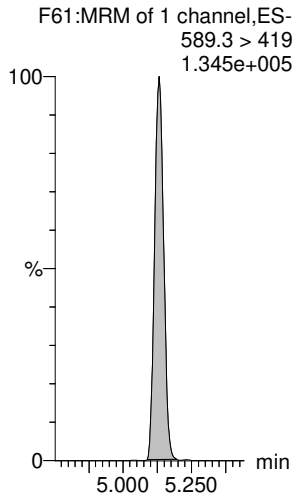

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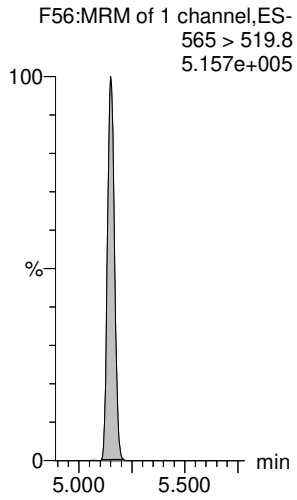

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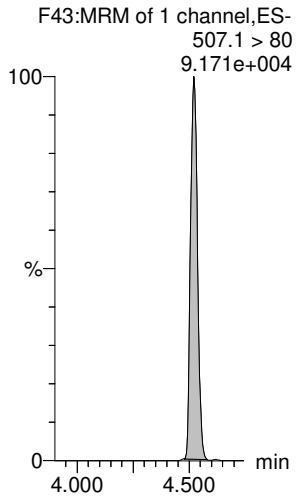

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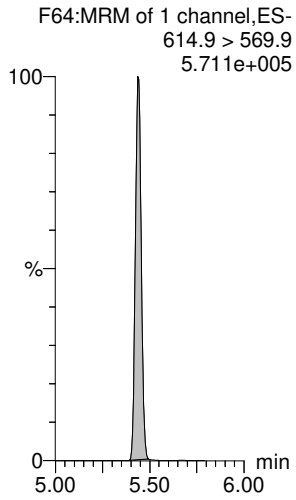

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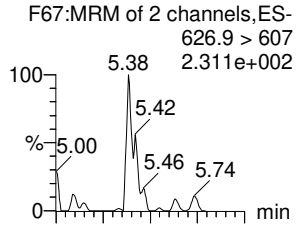
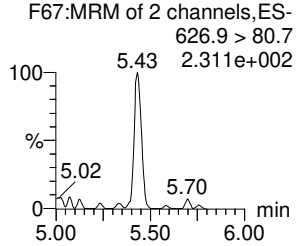
10:2 FTS





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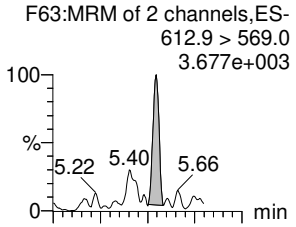

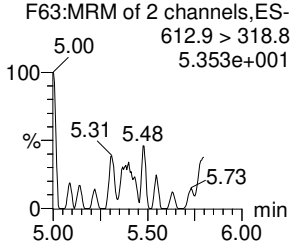

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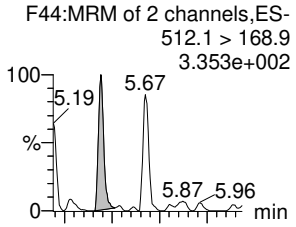

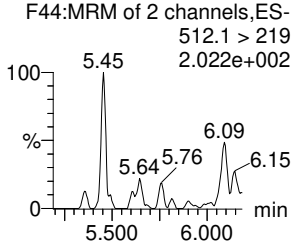

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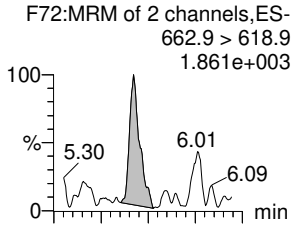

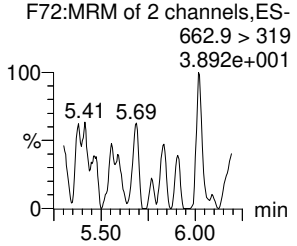

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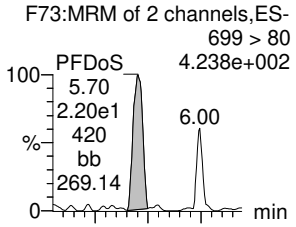

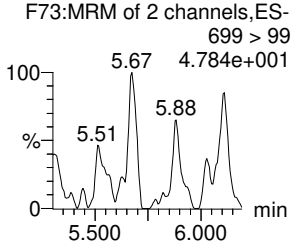

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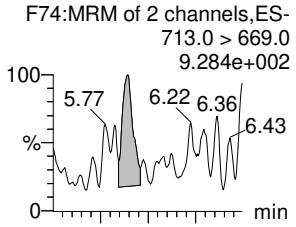

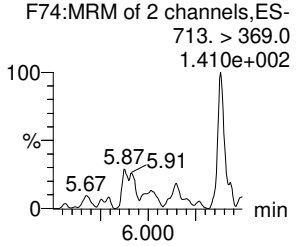

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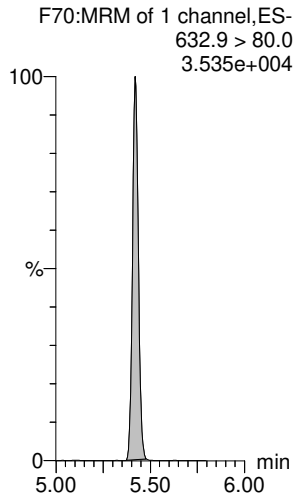

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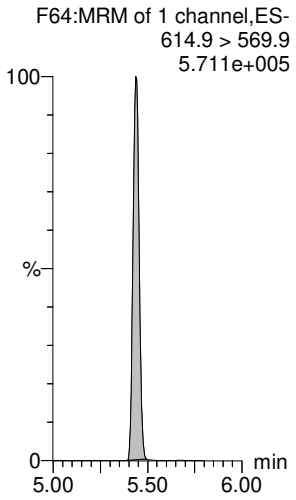

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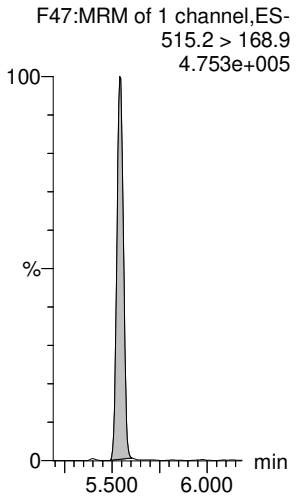

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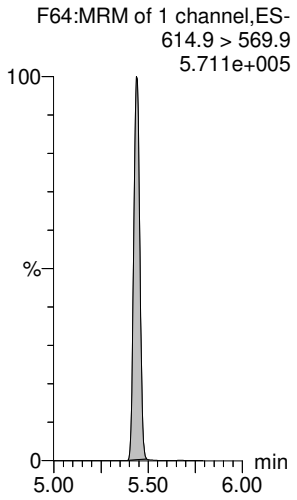

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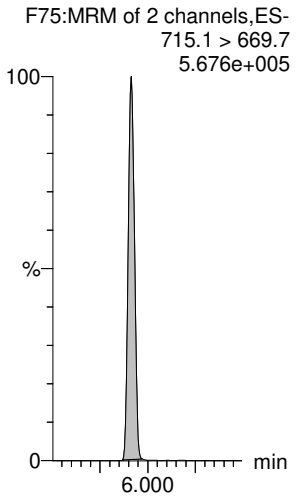

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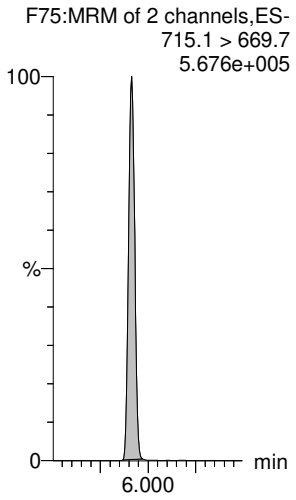

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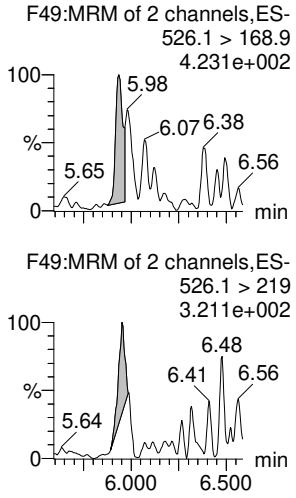

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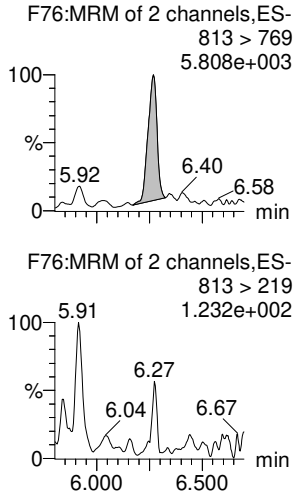

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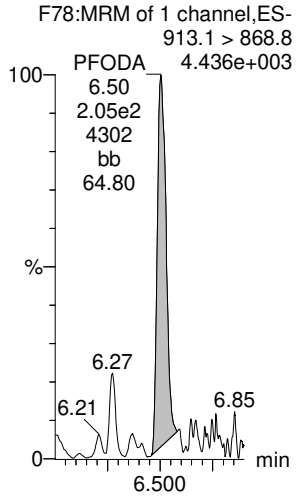

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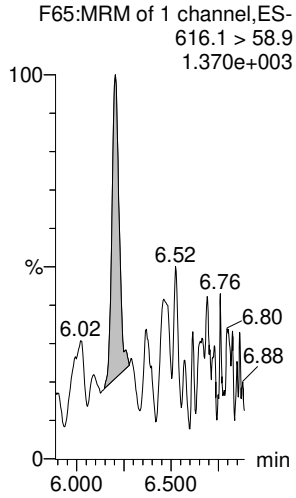

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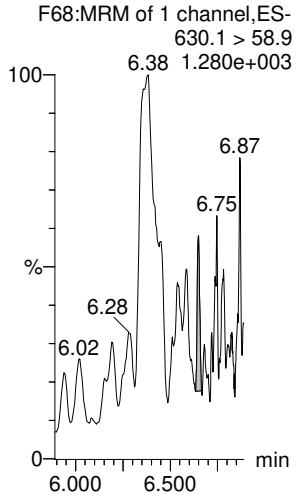

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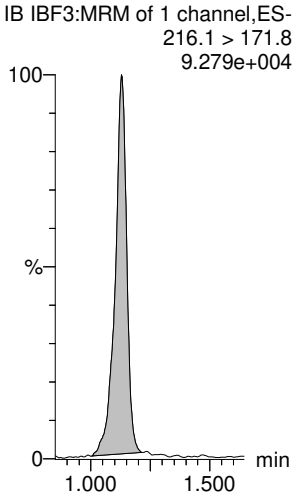
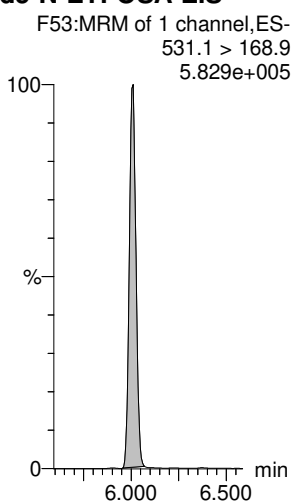


d5-N-ETFOSA-EIS



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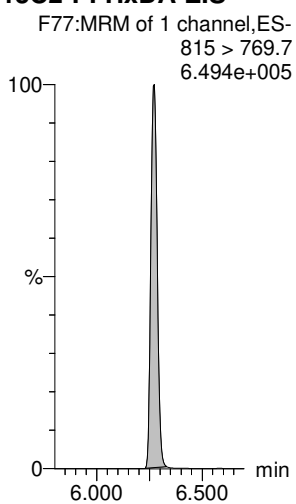

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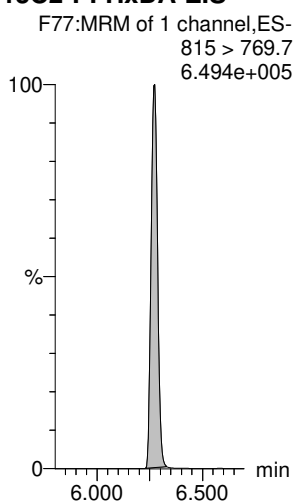

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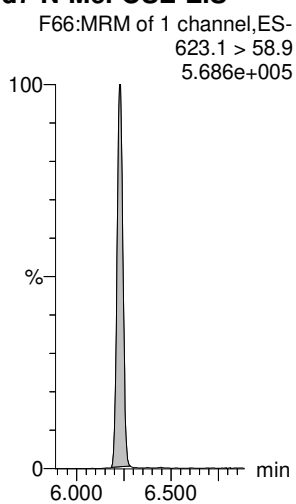

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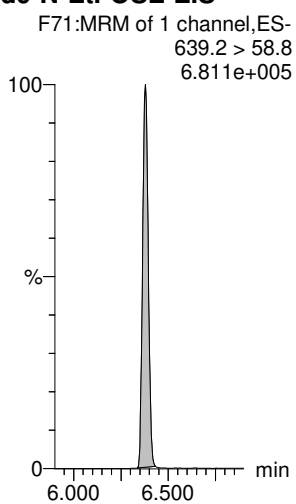

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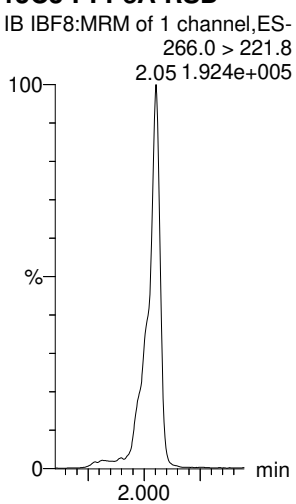

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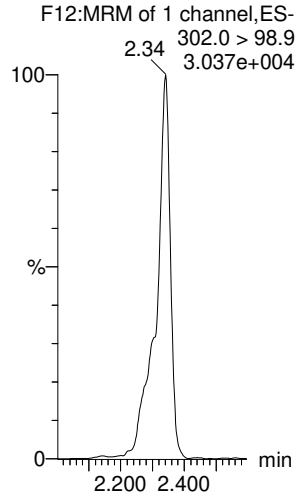
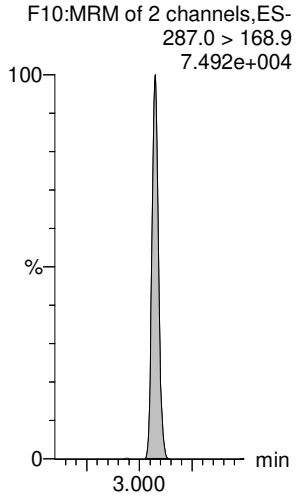
Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

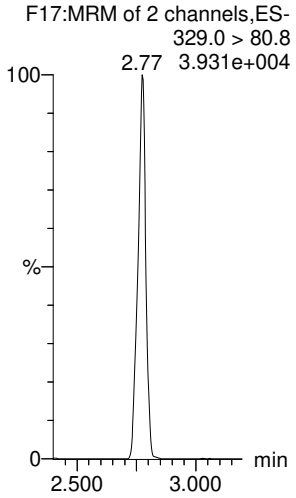
13C3-PFBS-RSD



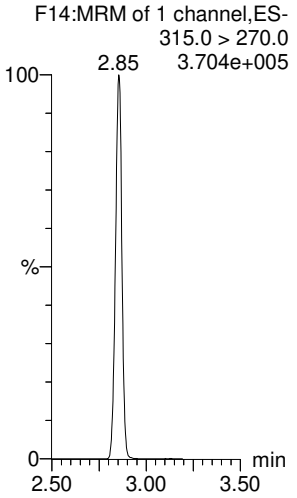
13C3-HFPO-DA-RSD



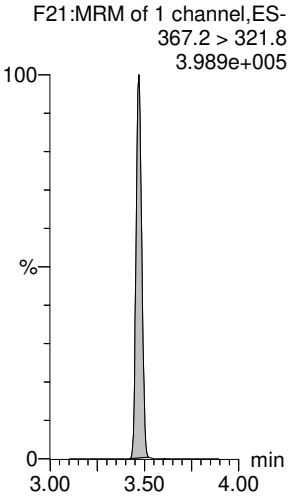
13C2-4:2 FTS-RSD



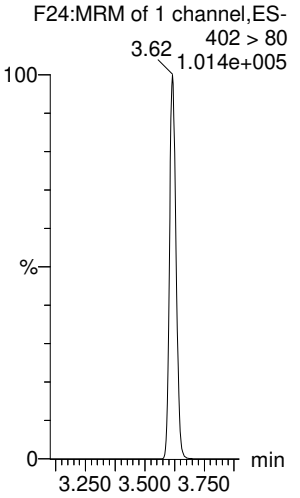
13C2-PFHxA-RSD



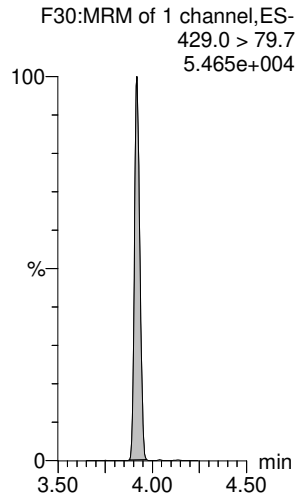
13C4-PFHpA-RSD



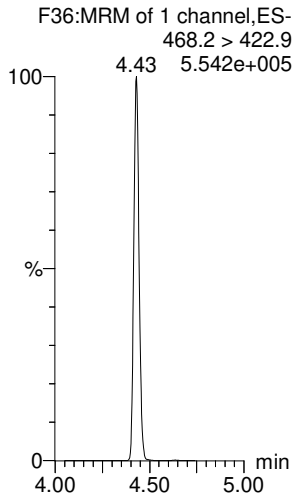
13C3-PFHxS-RSD



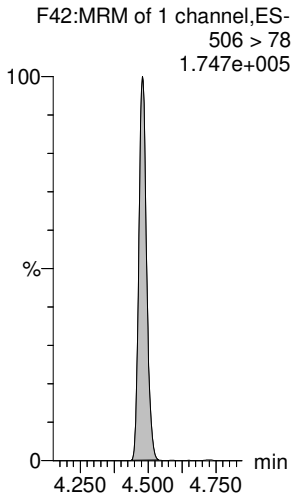
13C2-6:2 FTS-RSD



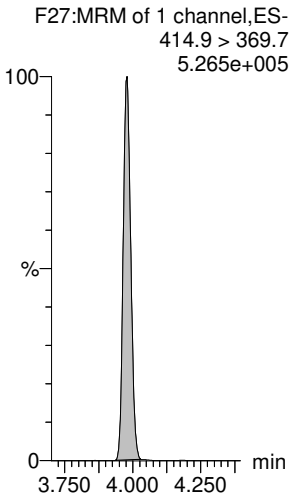
13C5-PFNA-RSD



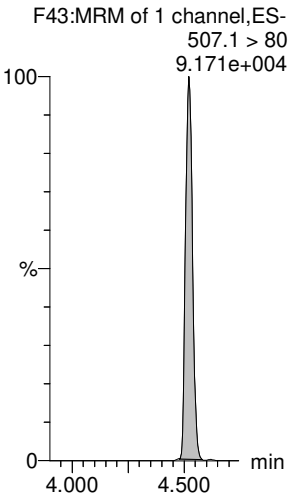
13C8-PFOSA-RSD



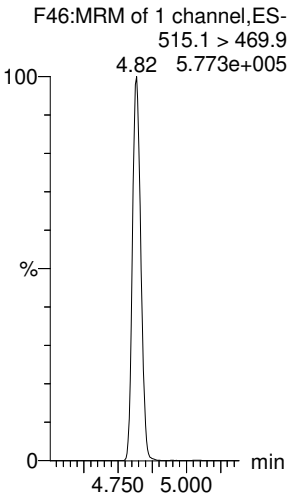
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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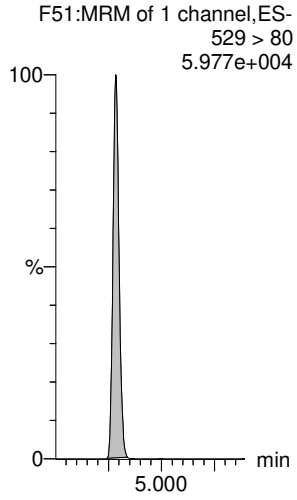
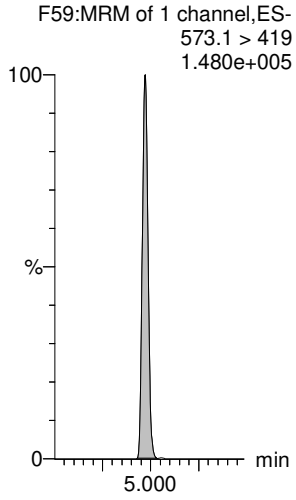
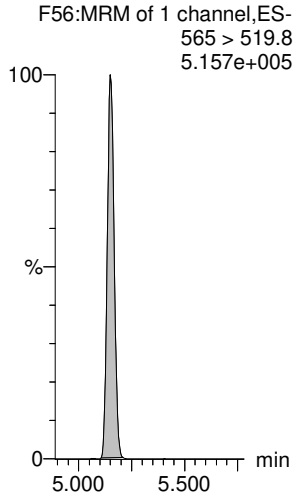
13C2-8:2 FTS-RSD



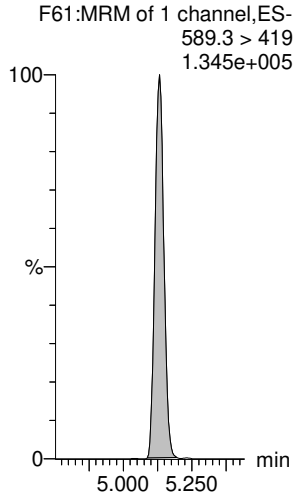
d3-N-MeFOSAA-RSD



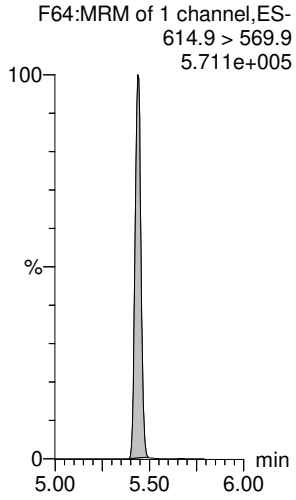
13C2-PFUdA-RSD



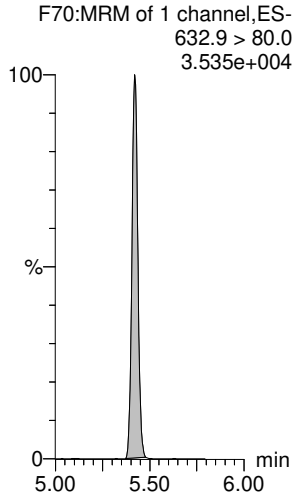
d5-N-EtFOSAA-RSD



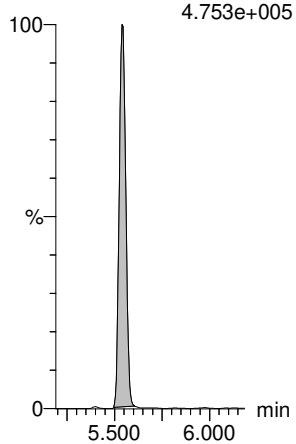
13C2-PFDoA-RSD



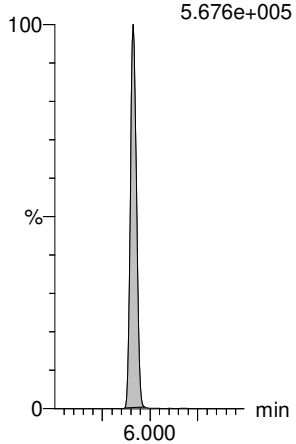
13C2-10:2 FTS-RSD



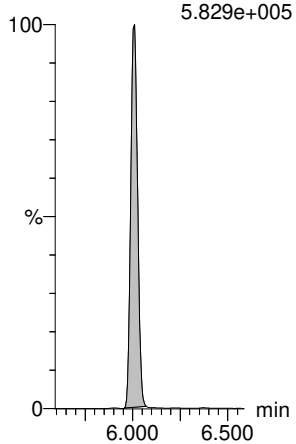
d3-N-MeFOSA-RSD



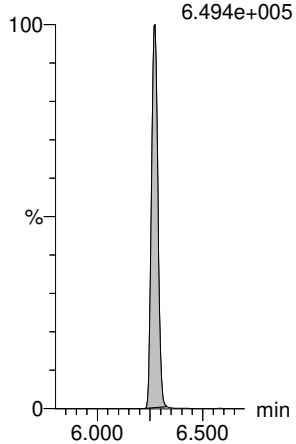
13C2-PFTeDA-RSD



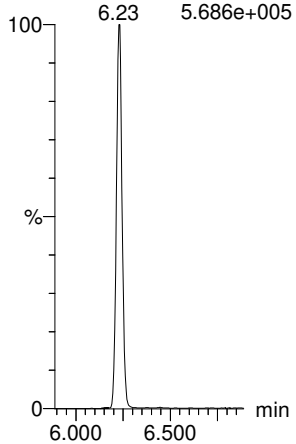
d5-N-ETFOSA-RSD



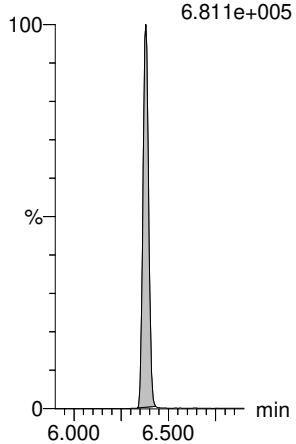
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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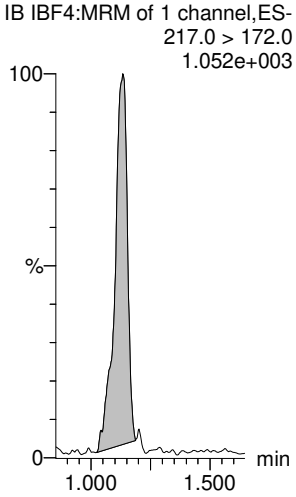
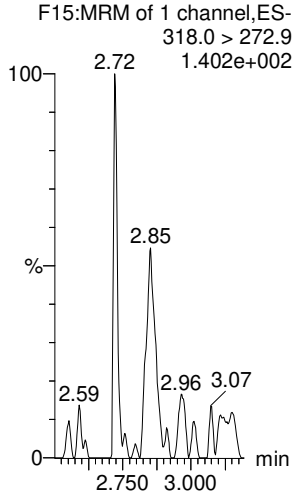
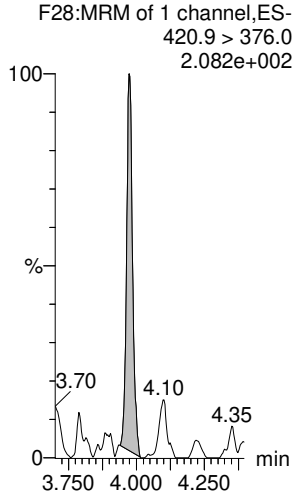
13C4-PFBA



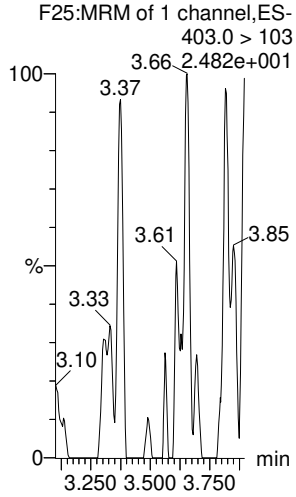
13C5-PFHxA



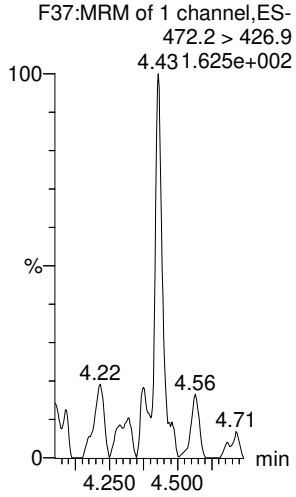
13C8-PFOA



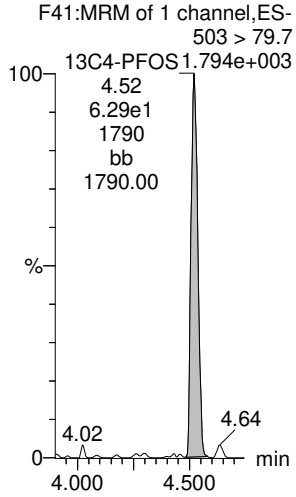
18O2-PFHxS



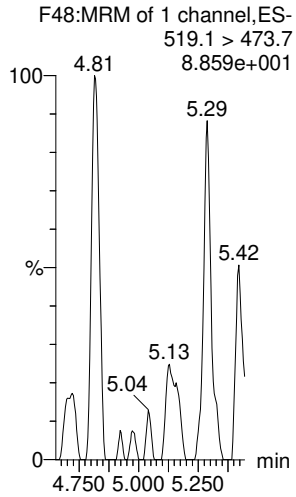
13C9-PFNA



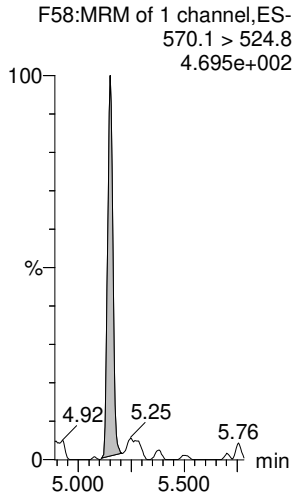
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

Dataset: Untitled

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Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	7.610	5107.688	1.00	0.89	0.019		0.0544		NO		
2	2	PFPrS	249 > 80		1494.347	1.00						NO		YES
3	3	3:3 FTCA	240.9 > 176.9		11896.495	1.00						NO		YES
4	4	PFPeA	263.1 > 218.9	9.045	11896.495	1.00	1.96	0.010		0.0248		NO		
5	5	PFBS	299.0 > 80		1494.347	1.00						NO		YES
6	6	4:2 FTS	326.9 > 306.9	5.332	1492.551	1.00	2.78	0.045		0.0772		NO		YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	5107.688		1.00	1.13	5107.688	12.500	13.7	109.8	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1494.347		1.00	2.34	1494.347	12.500	14.5	115.9	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	11896.495		1.00	2.05	11896.495	12.500	13.9	111.0	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	11896.495		1.00	2.05	11896.495	12.500	13.9	111.0	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1494.347		1.00	2.34	1494.347	12.500	14.5	115.9	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1492.551		1.00	2.77	1492.551	12.500	11.5	92.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	64.556	14410.530	1.00	3.00	0.056		0.0220		NO		YES
15	8	PFPeS	349.>80		1494.347	1.00						NO		YES
16	9	HFPO-DA	285.1 > 168.9		2642.263	1.00						NO		YES
17	10	5:3 FTCA	340.9 > 236.9		13651.280	1.00						NO		YES
18	11	PFHpA	363.0 > 319		13651.280	1.00						NO		YES
19	12	ADONA	376.8 > 250.9		13651.280	1.00						NO		YES
20	57	13C2-PFHxA-EIS	315.0 > 270.0	14410.530		1.00	2.85	14410.530	12.500	12.8	102.7	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1494.347		1.00	2.34	1494.347	12.500	14.5	115.9	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2642.263		1.00	3.07	2642.263	12.500	12.6	100.7	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	13651.280		1.00	3.47	13651.280	12.500	13.2	106.0	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	13651.280		1.00	3.47	13651.280	12.500	13.2	106.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	13651.280		1.00	3.47	13651.280	12.500	13.2	106.0	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9		3240.485	1.00						NO		YES
28	15	6:2 FTS	427.0 > 407		1847.039	1.00						NO		YES
29	16	L-PFOA	413 > 369	28.101	16516.588	1.00	3.98	0.021				NO	3.541	NO
30	18	PFecHS	461 > 381.0		16516.588	1.00						NO		YES
31	19	PFHpS	449.0 > 80		3257.654	1.00						NO		YES
32	20	7:3 FTCA	440.9 > 336.9		17456.621	1.00						NO		YES
33	61	13C3-PFHxS-EIS	402 > 80	3240.485		1.00	3.62	3240.485	12.500	13.1	104.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1847.039		1.00	3.92	1847.039	12.500	13.0	103.9	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	16516.588		1.00	3.98	16516.588	12.500	13.3	106.4	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	16516.588		1.00	3.98	16516.588	12.500	13.3	106.4	NO		

Dataset: Untitled

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Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	3257.654		1.00	4.52	3257.654	12.500	13.7	109.4	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	17456.621		1.00	4.43	17456.621	12.500	12.6	100.7	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	33.214	17456.621	1.00	4.38	0.024		0.0421		NO		YES
41	22	PFOSA	498 > 78	17.776	5744.471	1.00	4.48	0.039		0.0402		NO		YES
42	23	L-PFOS	499 > 80		3257.654	1.00						NO		YES
43	25	9Cl-PF30NS	531 > 351		3257.654	1.00						NO		YES
44	26	PFDA	513 > 469	35.715	20108.506	1.00	4.74	0.022		0.0190		NO		YES
45	27	8:2 FTS	526.8 > 506.9		2000.050	1.00						NO		YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	17456.621		1.00	4.43	17456.621	12.500	12.6	100.7	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5744.471		1.00	4.48	5744.471	12.500	12.4	99.5	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	3257.654		1.00	4.52	3257.654	12.500	13.7	109.4	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	3257.654		1.00	4.52	3257.654	12.500	13.7	109.4	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	20108.506		1.00	4.82	20108.506	12.500	12.5	99.6	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	2000.050		1.00	4.78	2000.050	12.500	14.6	116.7	NO		
52	-1													
53	28	PFNS	549 > 80		3257.654	1.00						NO		YES
54	29	L-MeFOSAA	570 > 419	5.462	4882.888	1.00	5.15	0.014		0.110		NO		YES
55	31	L-EtFOSAA	583.9 > 419	18.299	5045.589	1.00	5.14	0.045		0.137		NO		YES
56	33	PFUdA	563.0 > 519	92.416	19347.822	1.00	5.16	0.060				NO		YES
57	34	PFDS	598.8 >79.9		3257.654	1.00						NO		YES
58	35	11Cl-PF30UdS	631 > 451	8.074	20628.496	1.00	5.34	0.005		0.0324		NO		YES
59	71	13C8-PFOS-EIS	507.1 > 80	3257.654		1.00	4.52	3257.654	12.500	13.7	109.4	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4882.888		1.00	4.97	4882.888	12.500	13.5	108.4	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	5045.589		1.00	5.13	5045.589	12.500	13.1	104.4	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	19347.822		1.00	5.15	19347.822	12.500	12.7	101.6	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	3257.654		1.00	4.52	3257.654	12.500	13.7	109.4	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	20628.496		1.00	5.44	20628.496	12.500	11.4	90.8	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		1280.041	1.00						NO		YES
67	37	PFDoA	612.9 > 569.0	128.575	20628.496	1.00	5.55	0.078		0.0558		NO		YES
68	38	N-MeFOSA	512.1 > 168.9	10.629	18451.496	1.00	5.44	0.086		0.0626		NO		YES
69	39	PFTrDA	662.9 > 618.9	109.852	20628.496	1.00	5.67	0.067				NO		YES
70	40	PFDoS	699 > 80	21.997	21069.561	1.00	5.70	0.013		0.111		NO		YES
71	41	PFTeDA	713.0 > 669.0	49.545	21069.561	1.00	5.89	0.029		0.0283		NO		YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1280.041		1.00	5.42	1280.041	12.500	12.7	101.9	NO		

Dataset: Untitled

Last Altered: Wednesday, June 24, 2020 14:31:38 Pacific Daylight Time
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Name: 200623P1-15, Date: 23-Jun-2020, Time: 12:37:56, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	20628.496		1.00	5.44	20628.496	12.500	11.4	90.8	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	18451.496		1.00	5.54	18451.496	149.200	137	91.6	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	20628.496		1.00	5.44	20628.496	12.500	11.4	90.8	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	21069.561		1.00	5.91	21069.561	12.500	12.2	97.2	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	21069.561		1.00	5.91	21069.561	12.500	12.2	97.2	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	17.281	23615.975	1.00	5.94	0.109				NO	2.176	NO
80	43	PFHxDA	813 > 769	264.250	22179.002	1.00	6.27	0.149		0.00788		NO		YES
81	44	PFODA	913.1 > 868.8	205.465	22179.002	1.00	6.50	0.116		0.154		NO		
82	45	N-MeFOSE	616.1 > 58.9	46.427	19834.322	1.00	6.21	0.349		0.0829		NO		
83	46	N-EtFOSE	630.1 > 58.9	8.409	22817.555	1.00	6.65	0.055		0.113		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	5107.688	61.619	1.00	1.13	1036.143	12.500	1210	9697.3	YES		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	23615.975		1.00	6.01	23615.975	149.200	137	91.5	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	22179.002		1.00	6.27	22179.002	12.500	10.9	87.1	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	22179.002		1.00	6.27	22179.002	12.500	10.9	87.1	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	19834.322		1.00	6.23	19834.322	149.200	129	86.5	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	22817.555		1.00	6.38	22817.555	149.200	134	89.7	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2642.263		1.00	3.07		12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	13651.280		1.00	3.47		12.500			NO		
97	62	13C3-PFHxS-RSD	402 > 80			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1847.039	62.923	1.00	3.92	366.924	12.500	682	5459.2	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506 > 78	5744.471	13.660	1.00	4.48	5256.654	12.500	13200	10531...	YES		
101	70	13C2-PFOA-RSD	414.9 > 369.7	16516.588	5.236	1.00	3.98	39430.357	12.500	36500	29219...	YES		
102	72	13C8-PFOS-RSD	507.1 > 80	3257.654	62.923	1.00	4.52	647.151	12.500	734	5870.6	YES		
103	74	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	2000.050	62.923	1.00	4.78	397.321	12.500	746	5971.4	YES		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4882.888	13.660	1.00	4.97	4468.236	12.500	14400	11556...	YES		
107	80	13C2-PFUdA-RSD	565 > 519.8	19347.822	13.660	1.00	5.15	17704.815	12.500	13600	10915...	YES		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	5045.589	13.660	1.00	5.13	4617.120	12.500	14200	11340...	YES		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	20628.496		1.00	5.44		12.500			NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1280.041	62.923	1.00	5.42	254.287	12.500	658	5266.0	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	18393.406	13.660	1.00	5.54	16831.448	149.200	138000	92387.0	YES		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	21069.561	13.660	1.00	5.91	19280.345	12.500	12900	10317...	YES		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	23615.975	13.660	1.00	6.01	21610.519	149.200	147000	98286.3	YES		
114	94	13C2-PFHxDA-RSD	815 > 769.7	22179.002	13.660	1.00	6.27	20295.573	12.500	11800	94253.9	YES		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	10.476	13.660	1.00	6.16	9.586	149.200	73.8	49.4	YES		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	22817.555	13.660	1.00	6.38	20879.900	149.200	143000	96047.8	YES		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	61.619	61.619	1.00	1.13	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0	5.236	5.236	1.00	3.97	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 79.7	62.923	62.923	1.00	4.52	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8	13.660	13.660	1.00	5.15	12.500	12.500	12.5	100.0	NO		

high points
3:3 FTCA: 100
5:3 PTCA:
7:3 PTCA:

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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✓ FR 06/30/2020

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Compound name: PFBA
Correlation coefficient: r = 0.999657, r^2 = 0.999314
Calibration curve: 1.12675 * x + -0.10916
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	1.11	73.175	4407.213	0.208	0.3	12.4	NO	0.999	NO	bb
2	2 200629P1-5	Standard	0.500	1.11	202.023	4456.056	0.567	0.6	20.0	NO	0.999	NO	bb
3	3 200629P1-6	Standard	1.000	1.11	311.938	4400.936	0.886	0.9	-11.7	NO	0.999	NO	MM
4	4 200629P1-7	Standard	2.000	1.11	704.247	4735.676	1.859	1.7	-12.7	NO	0.999	NO	bb
5	5 200629P1-8	Standard	5.000	1.12	2120.310	4994.829	5.306	4.8	-3.9	NO	0.999	NO	MM
6	6 200629P1-9	Standard	10.000	1.11	4229.125	4913.212	10.760	9.6	-3.5	NO	0.999	NO	MM
7	7 200629P1-10	Standard	50.000	1.11	19464.555	4424.266	54.994	48.9	-2.2	NO	0.999	NO	MM
8	8 200629P1-11	Standard	100.000	1.11	39861.352	4472.056	111.418	99.0	-1.0	NO	0.999	NO	MM
9	9 200629P1-12	Standard	250.000	1.12	108546.813	4633.771	292.814	260.0	4.0	NO	0.999	NO	MM
10	10 200629P1-13	Standard	500.000	1.12	228235.297	5137.637	555.302	492.9	-1.4	NO	0.999	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999869
Calibration curve: 0.000567402 * x^2 + 0.856124 * x + -0.0661619
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	1.45	10.234	1155.520	0.111	0.2	-17.4	NO	1.000	NO	bb
2	2 200629P1-5	Standard	0.500	1.44	38.524	1133.717	0.425	0.6	14.6	NO	1.000	NO	MM
3	3 200629P1-6	Standard	1.000	1.44	64.736	1091.357	0.741	0.9	-5.7	NO	1.000	NO	MM
4	4 200629P1-7	Standard	2.000	1.45	165.267	1261.343	1.638	2.0	-0.6	NO	1.000	NO	MM
5	5 200629P1-8	Standard	5.000	1.45	443.084	1223.124	4.528	5.3	7.0	NO	1.000	NO	MM
6	6 200629P1-9	Standard	10.000	1.45	835.513	1226.208	8.517	10.0	-0.4	NO	1.000	NO	MM
7	7 200629P1-10	Standard	50.000	1.45	4038.023	1105.940	45.640	51.6	3.2	NO	1.000	NO	bb
8	8 200629P1-11	Standard	100.000	1.45	8450.494	1154.564	91.490	100.3	0.3	NO	1.000	NO	MM
9	9 200629P1-12	Standard	250.000	1.45	21578.264	1097.029	245.872	246.9	-1.2	NO	1.000	NO	MM
10	10 200629P1-13	Standard	500.000	1.45	46087.000	1008.168	571.420	501.1	0.2	NO	1.000	NO	bb

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999123
Calibration curve: -9.61909e-005 * x^2 + 0.0797435 * x + -0.00443807
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	1.89	12.855	10068.563	0.016	0.3	2.3	NO	0.999	NO	MM
2	2 200629P1-5	Standard	0.500	1.89	23.011	9311.944	0.031	0.4	-11.4	NO	0.999	NO	MM
3	3 200629P1-6	Standard	1.000	1.90	55.867	8960.956	0.078	1.0	3.4	NO	0.999	NO	MM
4	4 200629P1-7	Standard	2.000	1.89	117.805	10768.844	0.137	1.8	-11.3	NO	0.999	NO	MM
5	5 200629P1-8	Standard	5.000	1.90	301.345	10668.396	0.353	4.5	-9.8	NO	0.999	NO	bb
6	6 200629P1-9	Standard	10.000	1.90	643.211	9959.568	0.807	10.3	3.1	NO	0.999	NO	bb
7	7 200629P1-10	Standard	50.000	1.90	2985.592	9793.321	3.811	51.0	2.0	NO	0.999	NO	MM
8	8 200629P1-11	Standard	100.000	1.90	5558.617	9963.586	6.974	99.4	-0.6	NO	0.999	NO	bb
9	9 200629P1-12	Standard	250.000	1.90	3100.026	9854.549	3.932	52.7	-78.9	YES	0.999	NO	MMX
10	10 200629P1-13	Standard	500.000	1.90	5911.249	10186.502	7.254	104.1	-79.2	YES	0.999	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999457
Calibration curve: 2.80848e-005 * x^2 + 0.970924 * x + -0.0293871
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	2.03	176.218	10068.563	0.219	0.3	2.2	NO	0.999	NO	MM
2	2 200629P1-5	Standard	0.500	2.03	352.353	9311.944	0.473	0.5	3.5	NO	0.999	NO	MM
3	3 200629P1-6	Standard	1.000	2.03	645.502	8960.956	0.900	1.0	-4.2	NO	0.999	NO	MM
4	4 200629P1-7	Standard	2.000	2.04	1600.805	10768.844	1.858	1.9	-2.8	NO	0.999	NO	MM
5	5 200629P1-8	Standard	5.000	2.04	3960.878	10668.396	4.641	4.8	-3.8	NO	0.999	NO	MM
6	6 200629P1-9	Standard	10.000	2.04	7426.747	9959.568	9.321	9.6	-3.7	NO	0.999	NO	bb
7	7 200629P1-10	Standard	50.000	2.04	36918.293	9793.321	47.122	48.5	-3.0	NO	0.999	NO	MM
8	8 200629P1-11	Standard	100.000	2.04	75243.734	9963.586	94.398	97.0	-3.0	NO	0.999	NO	MM
9	9 200629P1-12	Standard	250.000	2.04	199478.297	9854.549	253.028	258.7	3.5	NO	0.999	NO	MM
10	10 200629P1-13	Standard	500.000	2.04	398425.406	10186.502	488.913	496.5	-0.7	NO	0.999	NO	bb

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999430
Calibration curve: 0.000465612 * x^2 + 2.69021 * x + -0.0769866
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	2.32	53.039	1155.520	0.574	0.2	-3.2	NO	0.999	NO	MM
2	2	200629P1-5	Standard	0.500	2.32	109.502	1133.717	1.207	0.5	-4.5	NO	0.999	NO	MM
3	3	200629P1-6	Standard	1.000	2.32	228.221	1091.357	2.614	1.0	0.0	NO	0.999	NO	MM
4	4	200629P1-7	Standard	2.000	2.33	539.704	1261.343	5.349	2.0	0.8	NO	0.999	NO	MM
5	5	200629P1-8	Standard	5.000	2.33	1337.545	1223.124	13.669	5.1	2.1	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	2.33	2527.374	1226.208	25.764	9.6	-4.1	NO	0.999	NO	MM
7	7	200629P1-10	Standard	50.000	2.33	11937.103	1105.940	134.920	49.8	-0.5	NO	0.999	NO	MM
8	8	200629P1-11	Standard	100.000	2.33	24077.680	1154.564	260.679	95.4	-4.6	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	2.33	63641.223	1097.029	725.154	258.1	3.2	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	2.33	117133.844	1008.168	1452.311	497.1	-0.6	NO	0.999	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998564
Calibration curve: -0.000246306 * x^2 + 2.82823 * x + -0.128043
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	2.75	55.759	1192.928	0.584	0.3	0.7	NO	0.999	NO	bb
2	2	200629P1-5	Standard	0.500	2.76	106.261	1253.173	1.060	0.4	-16.0	NO	0.999	NO	MM
3	3	200629P1-6	Standard	1.000	2.76	287.779	1258.562	2.858	1.1	5.6	NO	0.999	NO	bb
4	4	200629P1-7	Standard	2.000	2.75	540.794	1247.020	5.421	2.0	-1.9	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	2.76	1363.659	1332.225	12.795	4.6	-8.6	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	2.76	2820.690	1187.863	29.682	10.6	5.5	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	2.76	13224.668	1305.745	126.601	45.0	-10.0	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	2.76	25713.146	1064.228	302.016	107.8	7.8	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	2.76	58254.602	1068.199	681.692	246.4	-1.5	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	2.76	100165.125	924.469	1354.360	500.8	0.2	NO	0.999	NO	bb

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Compound name: PFHxA
Correlation coefficient: r = 0.999771, r^2 = 0.999543
Calibration curve: 1.09704 * x + 0.0667825
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	2.84	390.457	11859.747	0.412	0.3	25.7	NO	1.000	NO	MM
2	2	200629P1-5	Standard	0.500	2.84	569.246	12277.150	0.580	0.5	-6.5	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	2.84	1114.363	12893.091	1.080	0.9	-7.6	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	2.84	2226.357	12863.978	2.163	1.9	-4.4	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	2.84	5905.671	13758.460	5.365	4.8	-3.4	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	2.85	11752.416	13292.638	11.052	10.0	0.1	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	2.85	54090.246	12957.277	52.181	47.5	-5.0	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	2.85	108787.898	12531.292	108.516	98.9	-1.1	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	2.85	274296.188	12139.744	282.436	257.4	3.0	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	2.85	496620.000	11394.731	544.791	496.5	-0.7	NO	1.000	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999190
Calibration curve: -0.000482676 * x^2 + 2.25815 * x + -0.145534
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	IRT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	3.04	46.825	1155.520	0.507	0.3	15.5	NO	0.999	NO	bb
2	2	200629P1-5	Standard	0.500	3.05	75.078	1133.717	0.828	0.4	-13.8	NO	0.999	NO	bb
3	3	200629P1-6	Standard	1.000	3.05	199.446	1091.357	2.284	1.1	7.6	NO	0.999	NO	bb
4	4	200629P1-7	Standard	2.000	3.06	380.925	1261.343	3.775	1.7	-13.2	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	3.06	1105.643	1223.124	11.299	5.1	1.5	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	3.06	2229.756	1226.208	22.730	10.2	1.5	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	3.06	10372.683	1105.940	117.238	52.6	5.1	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	3.06	19175.611	1154.564	207.607	93.9	-6.1	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	3.06	47843.516	1097.029	545.149	255.4	2.2	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	3.06	81046.414	1008.168	1004.872	498.1	-0.4	NO	0.999	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998238
Calibration curve: -0.000106027 * x^2 + 1.02315 * x + -0.00769009
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	3.06	49.627	2633.036	0.236	0.2	-4.9	NO	0.998	NO	bb
2	2 200629P1-5	Standard	0.500	3.06	118.206	2890.622	0.511	0.5	1.4	NO	0.998	NO	bb
3	3 200629P1-6	Standard	1.000	3.06	239.226	2811.740	1.064	1.0	4.7	NO	0.998	NO	bb
4	4 200629P1-7	Standard	2.000	3.06	479.458	2806.579	2.135	2.1	4.8	NO	0.998	NO	bb
5	5 200629P1-8	Standard	5.000	3.07	1170.770	2942.799	4.973	4.9	-2.6	NO	0.998	NO	bb
6	6 200629P1-9	Standard	10.000	3.07	2290.737	2920.028	9.806	9.6	-4.0	NO	0.998	NO	bb
7	7 200629P1-10	Standard	50.000	3.07	11602.920	2792.642	51.935	51.0	2.1	NO	0.998	NO	bb
8	8 200629P1-11	Standard	100.000	3.07	21839.502	2954.454	92.401	91.2	-8.8	NO	0.998	NO	bb
9	9 200629P1-12	Standard	250.000	3.07	56367.430	2687.256	262.198	263.5	5.4	NO	0.998	NO	bb
10	10 200629P1-13	Standard	500.000	3.07	104155.133	2711.172	480.213	494.7	-1.1	NO	0.998	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999471
Calibration curve: -9.99601e-005 * x^2 + 0.164305 * x + 0.000316338
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	3.42	36.653	10463.792	0.044	0.3	5.8	NO	0.999	NO	MM
2	2 200629P1-5	Standard	0.500	3.42	76.377	10938.523	0.087	0.5	5.9	NO	0.999	NO	MM
3	3 200629P1-6	Standard	1.000	3.42	138.766	11104.561	0.156	0.9	-5.1	NO	0.999	NO	MM
4	4 200629P1-7	Standard	2.000	3.42	286.657	10835.623	0.331	2.0	0.7	NO	0.999	NO	MM
5	5 200629P1-8	Standard	5.000	3.42	742.113	11649.280	0.796	4.9	-2.8	NO	0.999	NO	MM
6	6 200629P1-9	Standard	10.000	3.42	1448.581	11765.642	1.539	9.4	-5.8	NO	0.999	NO	MM
7	7 200629P1-10	Standard	50.000	3.42	7326.411	11199.544	8.177	51.4	2.7	NO	0.999	NO	MM
8	8 200629P1-11	Standard	100.000	3.43	13020.706	10612.802	15.336	99.3	-0.7	NO	0.999	NO	MM
9	9 200629P1-12	Standard	250.000	3.42	7111.261	9782.675	9.087	57.3	-77.1	YES	0.999	NO	MMX
10	10 200629P1-13	Standard	500.000	3.42	12709.410	8799.601	18.054	118.4	-76.3	YES	0.999	NO	MMX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999506
Calibration curve: 0.000211876 * x^2 + 1.34403 * x + 0.036564
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	3.46	326.315	10463.792	0.390	0.3	5.1	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	3.46	664.727	10938.523	0.760	0.5	7.6	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	3.46	1248.275	11104.561	1.405	1.0	1.8	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	3.47	2464.248	10835.623	2.843	2.1	4.4	NO	1.000	NO	MM
5	5	200629P1-8	Standard	5.000	3.47	6350.283	11649.280	6.814	5.0	0.8	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	3.47	12202.810	11765.642	12.964	9.6	-4.0	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	3.47	57198.656	11199.544	63.840	47.1	-5.8	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	3.47	114230.258	10612.802	134.543	98.5	-1.5	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	3.47	281823.875	9782.675	360.106	257.5	3.0	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	3.47	507151.156	8799.601	720.418	497.0	-0.6	NO	1.000	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999195
Calibration curve: 0.000358002 * x^2 + 2.29733 * x + -0.165829
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	3.56	332.249	10463.792	0.397	0.2	-2.0	NO	0.999	NO	bb
2	2	200629P1-5	Standard	0.500	3.57	912.279	10938.523	1.043	0.5	5.2	NO	0.999	NO	bb
3	3	200629P1-6	Standard	1.000	3.57	1835.239	11104.561	2.066	1.0	-2.9	NO	0.999	NO	bb
4	4	200629P1-7	Standard	2.000	3.57	4541.217	10835.623	5.239	2.4	17.6	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	3.57	10232.980	11649.280	10.980	4.8	-3.0	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	3.58	19319.855	11765.642	20.526	9.0	-10.1	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	3.57	97268.016	11199.544	108.562	47.0	-6.0	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	3.58	194575.422	10612.802	229.175	98.3	-1.7	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	3.58	484607.156	9782.675	619.216	259.1	3.7	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	3.58	864618.313	8799.601	1228.207	496.3	-0.7	NO	0.999	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999368
Calibration curve: 0.00014679 * x^2 + 1.12455 * x + -0.0437043
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	3.61	49.676	2421.815	0.256	0.3	6.7	NO	0.999	NO	MM
2	2	200629P1-5	Standard	0.500	3.61	104.742	2455.208	0.533	0.5	2.6	NO	0.999	NO	MM
3	3	200629P1-6	Standard	1.000	3.61	229.893	2683.614	1.071	1.0	-0.9	NO	0.999	NO	MM
4	4	200629P1-7	Standard	2.000	3.61	423.230	2515.920	2.103	1.9	-4.6	NO	0.999	NO	MM
5	5	200629P1-8	Standard	5.000	3.61	1090.227	2451.669	5.559	5.0	-0.4	NO	0.999	NO	MM
6	6	200629P1-9	Standard	10.000	3.62	2192.629	2555.502	10.725	9.6	-4.4	NO	0.999	NO	MM
7	7	200629P1-10	Standard	50.000	3.62	11024.913	2327.264	59.216	52.3	4.7	NO	0.999	NO	MM
8	8	200629P1-11	Standard	100.000	3.62	20797.533	2421.328	107.366	94.4	-5.6	NO	0.999	NO	MM
9	9	200629P1-12	Standard	250.000	3.61	52901.262	2226.008	297.064	255.7	2.3	NO	0.999	NO	MM
10	10	200629P1-13	Standard	500.000	3.62	94917.484	1988.781	596.581	498.2	-0.4	NO	0.999	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999102
Calibration curve: -0.000346985 * x^2 + 1.24477 * x + -0.0845373
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	3.91	33.148	1387.229	0.299	0.3	23.2	NO	0.999	NO	bb
2	2	200629P1-5	Standard	0.500	3.91	45.531	1412.339	0.403	0.4	-21.7	NO	0.999	NO	bb
3	3	200629P1-6	Standard	1.000	3.91	119.733	1474.324	1.015	0.9	-11.6	NO	0.999	NO	MM
4	4	200629P1-7	Standard	2.000	3.91	257.561	1471.532	2.188	1.8	-8.7	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	3.92	674.742	1386.863	6.082	5.0	-0.8	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	3.91	1382.863	1495.821	11.556	9.4	-6.2	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	3.91	6480.558	1318.467	61.440	50.1	0.3	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	3.92	12048.159	1305.546	115.356	95.3	-4.7	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	3.92	30653.762	1275.078	300.509	260.4	4.2	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	3.92	53427.055	1257.396	531.128	495.1	-1.0	NO	0.999	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999757
Calibration curve: -5.72714e-005 * x^2 + 1.15904 * x + 0.00866908
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	3.97	311.779	11808.904	0.330	0.3	10.9	NO	1.000	NO	bb
2	2 200629P1-5	Standard	0.500	3.97	590.671	11884.350	0.621	0.5	5.7	NO	1.000	NO	bb
3	3 200629P1-6	Standard	1.000	3.97	1233.607	12888.314	1.196	1.0	2.5	NO	1.000	NO	db
4	4 200629P1-7	Standard	2.000	3.97	2289.162	12954.976	2.209	1.9	-5.1	NO	1.000	NO	bb
5	5 200629P1-8	Standard	5.000	3.98	5961.909	13223.271	5.636	4.9	-2.9	NO	1.000	NO	bb
6	6 200629P1-9	Standard	10.000	3.97	10982.416	12652.016	10.850	9.4	-6.4	NO	1.000	NO	bb
7	7 200629P1-10	Standard	50.000	3.97	55395.430	12287.193	56.355	48.7	-2.5	NO	1.000	NO	bb
8	8 200629P1-11	Standard	100.000	3.98	107389.883	11737.883	114.362	99.1	-0.9	NO	1.000	NO	bb
9	9 200629P1-12	Standard	250.000	3.98	260907.703	11160.620	292.219	255.3	2.1	NO	1.000	NO	bb
10	10 200629P1-13	Standard	500.000	3.98	464243.250	10315.530	562.554	497.6	-0.5	NO	1.000	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999678
Calibration curve: 1.35709e-005 * x^2 + 0.233094 * x + -0.0103809
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	3.98	41.950	11808.904	0.044	0.2	-6.0	NO	1.000	NO	bb
2	2 200629P1-5	Standard	0.500	3.99	101.144	11884.350	0.106	0.5	0.2	NO	1.000	NO	bb
3	3 200629P1-6	Standard	1.000	3.98	224.250	12888.314	0.217	1.0	-2.2	NO	1.000	NO	bb
4	4 200629P1-7	Standard	2.000	3.99	438.386	12954.976	0.423	1.9	-7.0	NO	1.000	NO	bb
5	5 200629P1-8	Standard	5.000	3.99	1251.604	13223.271	1.183	5.1	2.4	NO	1.000	NO	bb
6	6 200629P1-9	Standard	10.000	3.99	2311.567	12652.016	2.284	9.8	-1.6	NO	1.000	NO	bb
7	7 200629P1-10	Standard	50.000	3.99	11021.820	12287.193	11.213	48.0	-4.0	NO	1.000	NO	MM
8	8 200629P1-11	Standard	100.000	3.99	21680.316	11737.883	23.088	98.5	-1.5	NO	1.000	NO	bb
9	9 200629P1-12	Standard	250.000	3.99	54112.449	11160.620	60.606	256.2	2.5	NO	1.000	NO	bb
10	10 200629P1-13	Standard	500.000	3.99	98450.094	10315.530	119.298	497.4	-0.5	NO	1.000	NO	MM

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998434
Calibration curve: -2.58719e-005 * x^2 + 1.04369 * x + -0.0700458
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	4.08	37.692	2497.147	0.189	0.2	-0.8	NO	0.998	NO	bb
2	2 200629P1-5	Standard	0.500	4.10	87.716	2345.730	0.467	0.5	3.0	NO	0.998	NO	bb
3	3 200629P1-6	Standard	1.000	4.09	210.452	2308.591	1.140	1.2	15.9	NO	0.998	NO	bb
4	4 200629P1-7	Standard	2.000	4.09	427.709	2591.567	2.063	2.0	2.2	NO	0.998	NO	bb
5	5 200629P1-8	Standard	5.000	4.09	1022.207	2578.708	4.955	4.8	-3.7	NO	0.998	NO	bb
6	6 200629P1-9	Standard	10.000	4.09	2084.474	2839.489	9.176	8.9	-11.4	NO	0.998	NO	bb
7	7 200629P1-10	Standard	50.000	4.10	10043.983	2535.851	49.510	47.6	-4.9	NO	0.998	NO	bb
8	8 200629P1-11	Standard	100.000	4.10	18937.039	2390.783	99.011	95.2	-4.8	NO	0.998	NO	bb
9	9 200629P1-12	Standard	250.000	4.10	48505.977	2211.932	274.115	264.4	5.8	NO	0.998	NO	bb
10	10 200629P1-13	Standard	500.000	4.10	83644.016	2053.513	509.152	494.0	-1.2	NO	0.998	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998719
Calibration curve: -0.000340037 * x^2 + 0.240278 * x + -0.0178741
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	4.41	44.893	12182.501	0.046	0.3	6.5	NO	0.999	NO	bb
2	2 200629P1-5	Standard	0.500	4.41	108.338	12587.215	0.108	0.5	4.5	NO	0.999	NO	bb
3	3 200629P1-6	Standard	1.000	4.41	233.183	12541.199	0.232	1.0	4.3	NO	0.999	NO	bb
4	4 200629P1-7	Standard	2.000	4.41	456.086	12970.050	0.440	1.9	-4.6	NO	0.999	NO	bb
5	5 200629P1-8	Standard	5.000	4.41	1178.866	13440.622	1.096	4.7	-6.6	NO	0.999	NO	bb
6	6 200629P1-9	Standard	10.000	4.41	2324.375	13340.198	2.178	9.3	-7.4	NO	0.999	NO	bb
7	7 200629P1-10	Standard	50.000	4.41	12083.968	13010.019	11.610	52.3	4.5	NO	0.999	NO	bb
8	8 200629P1-11	Standard	100.000	4.41	20713.279	12692.651	20.399	98.8	-1.2	NO	0.999	NO	bb
9	9 200629P1-12	Standard	250.000	4.41	11372.311	11647.290	12.205	55.2	-77.9	YES	0.999	NO	bbX
10	10 200629P1-13	Standard	500.000	4.41	19496.865	10626.674	22.934	113.9	-77.2	YES	0.999	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999884
Calibration curve: 0.000143576 * x^2 + 1.13915 * x + -0.0282595
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.42	230.409	12182.501	0.236	0.2	-7.1	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	4.43	559.742	12587.215	0.556	0.5	2.5	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	4.42	1178.150	12541.199	1.174	1.1	5.6	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	4.43	2371.406	12970.050	2.285	2.0	1.5	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	4.43	6229.565	13440.622	5.794	5.1	2.1	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	4.43	11855.859	13340.198	11.109	9.8	-2.4	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	4.43	57850.684	13010.019	55.583	48.5	-3.0	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	4.43	116550.789	12692.651	114.782	99.5	-0.5	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	4.43	277454.969	11647.290	297.768	253.3	1.3	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	4.43	513231.844	10626.674	603.707	498.6	-0.3	NO	1.000	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999594
Calibration curve: -4.27384e-005 * x^2 + 0.708274 * x + -0.0203261
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.47	53.237	4733.195	0.141	0.2	-9.1	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	4.48	118.744	5074.962	0.292	0.4	-11.7	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	4.48	329.439	5257.020	0.783	1.1	13.5	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	4.48	626.220	5010.936	1.562	2.2	11.7	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	4.48	1479.027	5526.733	3.345	4.8	-4.9	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	4.48	2799.646	5418.946	6.458	9.2	-8.5	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	4.48	13861.331	5168.758	33.522	47.5	-5.0	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	4.48	27718.020	4858.663	71.311	101.3	1.3	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	4.48	67489.422	4761.378	177.179	254.1	1.6	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	4.48	126146.227	4610.150	342.034	497.9	-0.4	NO	1.000	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998763
Calibration curve: 0.000103491 * x^2 + 1.31313 * x + -0.0699824
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.52	51.525	2497.147	0.258	0.2	-0.1	NO	0.999	NO	MM
2	2	200629P1-5	Standard	0.500	4.52	115.189	2345.730	0.614	0.5	4.1	NO	0.999	NO	MM
3	3	200629P1-6	Standard	1.000	4.52	203.131	2308.591	1.100	0.9	-10.9	NO	0.999	NO	MM
4	4	200629P1-7	Standard	2.000	4.52	579.519	2591.567	2.795	2.2	9.1	NO	0.999	NO	MM
5	5	200629P1-8	Standard	5.000	4.52	1256.838	2578.708	6.092	4.7	-6.2	NO	0.999	NO	MM
6	6	200629P1-9	Standard	10.000	4.52	2585.386	2839.489	11.381	8.7	-12.9	NO	0.999	NO	MM
7	7	200629P1-10	Standard	50.000	4.52	12657.564	2535.851	62.393	47.4	-5.2	NO	0.999	NO	MM
8	8	200629P1-11	Standard	100.000	4.52	24485.014	2390.783	128.018	96.8	-3.2	NO	0.999	NO	MM
9	9	200629P1-12	Standard	250.000	4.52	62214.801	2211.932	351.586	262.4	4.9	NO	0.999	NO	MM
10	10	200629P1-13	Standard	500.000	4.52	110914.508	2053.513	675.151	494.9	-1.0	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999654
Calibration curve: 0.000182949 * x^2 + 2.76352 * x + -0.261454
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.75	51.126	2497.147	0.256	0.2	-25.1	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	4.74	259.226	2345.730	1.381	0.6	18.9	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	4.74	583.576	2308.591	3.160	1.2	23.8	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	4.75	1002.282	2591.567	4.834	1.8	-7.8	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	4.75	2747.919	2578.708	13.320	4.9	-1.7	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	4.75	5622.242	2839.489	24.750	9.0	-9.5	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	4.75	28893.469	2535.851	142.425	51.5	2.9	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	4.75	51927.262	2390.783	271.497	97.7	-2.3	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	4.75	125648.563	2211.932	710.061	252.8	1.1	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	4.75	233963.453	2053.513	1424.166	499.0	-0.2	NO	1.000	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999052
Calibration curve: -3.71093e-005 * x^2 + 0.915441 * x + 0.00268649
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.81	290.960	15876.688	0.229	0.2	-1.1	NO	0.999	NO	MM
2	2	200629P1-5	Standard	0.500	4.82	603.016	15732.080	0.479	0.5	4.1	NO	0.999	NO	bb
3	3	200629P1-6	Standard	1.000	4.81	1155.995	15608.390	0.926	1.0	0.8	NO	0.999	NO	MM
4	4	200629P1-7	Standard	2.000	4.82	2504.500	16286.579	1.922	2.1	4.9	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	4.82	6077.272	16326.788	4.653	5.1	1.6	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	4.82	11543.557	16236.227	8.887	9.7	-2.9	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	4.82	57219.172	16813.080	42.541	46.6	-6.9	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	4.82	110511.695	15589.683	88.610	97.2	-2.8	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	4.82	266126.188	14068.574	236.454	261.1	4.4	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	4.82	484406.344	13627.680	444.322	495.3	-0.9	NO	0.999	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999765
Calibration curve: -0.000236911 * x^2 + 1.20934 * x + -0.0818092
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.78	31.162	1358.126	0.287	0.3	21.9	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	4.78	54.327	1360.949	0.499	0.5	-3.9	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	4.78	113.625	1380.516	1.029	0.9	-8.1	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	4.78	254.548	1488.123	2.138	1.8	-8.2	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	4.78	787.701	1572.176	6.263	5.3	5.0	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	4.78	1342.859	1469.748	11.421	9.5	-4.7	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	4.79	6719.499	1446.130	58.082	48.6	-2.9	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	4.79	13683.151	1450.478	117.919	99.5	-0.5	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	4.79	28661.020	1225.068	292.443	254.6	1.8	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	4.79	55505.508	1277.388	543.154	497.7	-0.5	NO	1.000	NO	bb

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.998863
Calibration curve: -7.96218e-005 * x^2 + 1.36465 * x + -0.0506722
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.88	52.988	2497.147	0.265	0.2	-7.4	NO	0.999	NO	MM
2	2	200629P1-5	Standard	0.500	4.88	131.238	2345.730	0.699	0.5	9.9	NO	0.999	NO	bb
3	3	200629P1-6	Standard	1.000	4.88	259.764	2308.591	1.407	1.1	6.8	NO	0.999	NO	bb
4	4	200629P1-7	Standard	2.000	4.88	543.960	2591.567	2.624	2.0	-2.0	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	4.89	1231.829	2578.708	5.971	4.4	-11.7	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	4.89	2831.809	2839.489	12.466	9.2	-8.2	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	4.89	13680.443	2535.851	67.435	49.6	-0.8	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	4.89	24606.436	2390.783	128.653	94.8	-5.2	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	4.89	62267.867	2211.932	351.886	261.9	4.8	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	4.89	107763.680	2053.513	655.971	495.0	-1.0	NO	0.999	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999837
Calibration curve: -0.000118074 * x^2 + 1.25876 * x + -0.0570803
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	4.97	79.697	3723.322	0.268	0.3	3.2	NO	1.000	NO	MM
2	2	200629P1-5	Standard	0.500	4.98	157.264	3837.361	0.512	0.5	-9.5	NO	1.000	NO	MM
3	3	200629P1-6	Standard	1.000	4.97	348.882	3778.171	1.154	1.0	-3.8	NO	1.000	NO	MM
4	4	200629P1-7	Standard	2.000	4.97	683.240	3883.800	2.199	1.8	-10.4	NO	1.000	NO	MM
5	5	200629P1-8	Standard	5.000	4.97	1932.926	4034.460	5.989	4.8	-3.9	NO	1.000	NO	MM
6	6	200629P1-9	Standard	10.000	4.97	4089.149	3901.435	13.101	10.5	4.6	NO	1.000	NO	MM
7	7	200629P1-10	Standard	50.000	4.98	19204.463	3785.096	63.421	50.7	1.3	NO	1.000	NO	MM
8	8	200629P1-11	Standard	100.000	4.98	35973.953	3559.418	126.334	101.4	1.4	NO	1.000	NO	MM
9	9	200629P1-12	Standard	250.000	4.98	88150.266	3635.440	303.094	246.5	-1.4	NO	1.000	NO	MM
10	10	200629P1-13	Standard	500.000	4.98	165116.031	3431.604	601.454	501.4	0.3	NO	1.000	NO	MM

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999742
Calibration curve: -8.63373e-005 * x^2 + 1.42557 * x + -0.22052
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	5.14	58.983	3475.824	0.212	0.3	21.4	NO	1.000	NO	MM
2	2	200629P1-5	Standard	0.500	5.14	157.462	4077.720	0.483	0.5	-1.3	NO	1.000	NO	MM
3	3	200629P1-6	Standard	1.000	5.14	292.241	3824.471	0.955	0.8	-17.5	NO	1.000	NO	MM
4	4	200629P1-7	Standard	2.000	5.14	830.040	3743.280	2.772	2.1	5.0	NO	1.000	NO	MM
5	5	200629P1-8	Standard	5.000	5.14	2308.685	4325.183	6.672	4.8	-3.3	NO	1.000	NO	MM
6	6	200629P1-9	Standard	10.000	5.14	4374.547	4240.090	12.896	9.2	-7.9	NO	1.000	NO	MM
7	7	200629P1-10	Standard	50.000	5.14	23213.006	3929.518	73.842	52.1	4.2	NO	1.000	NO	MM
8	8	200629P1-11	Standard	100.000	5.14	43434.848	3830.833	141.728	100.2	0.2	NO	1.000	NO	MM
9	9	200629P1-12	Standard	250.000	5.14	99641.875	3581.892	347.728	247.8	-0.9	NO	1.000	NO	MM
10	10	200629P1-13	Standard	500.000	5.14	177577.219	3206.861	692.177	500.9	0.2	NO	1.000	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999331
Calibration curve: -0.00021485 * x^2 + 1.16551 * x + 0.00166679
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	5.14	454.632	14960.979	0.380	0.3	29.8	NO	0.999	NO	bb
2	2	200629P1-5	Standard	0.500	5.15	738.195	15365.966	0.601	0.5	2.8	NO	0.999	NO	bb
3	3	200629P1-6	Standard	1.000	5.15	1227.648	15471.347	0.992	0.8	-15.0	NO	0.999	NO	bb
4	4	200629P1-7	Standard	2.000	5.15	2587.584	14771.276	2.190	1.9	-6.1	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	5.15	7224.207	16742.771	5.394	4.6	-7.4	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	5.15	12725.869	13946.981	11.406	9.8	-2.0	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	5.15	67645.227	14801.540	57.127	49.5	-1.1	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	5.15	133160.188	15120.841	110.080	96.2	-3.8	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	5.15	315095.656	13690.195	287.702	259.2	3.7	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	5.15	555040.063	13212.624	525.104	495.9	-0.8	NO	0.999	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999692
Calibration curve: -0.000150519 * x^2 + 1.27321 * x + -0.0771564
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	5.20	37.485	2497.147	0.188	0.2	-16.8	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	5.20	103.753	2345.730	0.553	0.5	-1.0	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	5.20	234.587	2308.591	1.270	1.1	5.8	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	5.21	509.699	2591.567	2.458	2.0	-0.4	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	5.20	1307.248	2578.708	6.337	5.0	0.8	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	5.21	2530.783	2839.489	11.141	8.8	-11.8	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	5.20	12478.249	2535.851	61.509	48.7	-2.7	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	5.20	24238.127	2390.783	126.727	100.8	0.8	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	5.21	55408.426	2211.932	313.122	253.6	1.4	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	5.21	98034.656	2053.513	596.750	498.1	-0.4	NO	1.000	NO	bb

Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999948, r^2 = 0.999897
Calibration curve: 0.313341 * x + -0.0125697
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	5.37	103.577	17235.816	0.075	0.3	11.9	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	5.37	218.399	18505.260	0.148	0.5	2.2	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	5.37	386.082	18223.830	0.265	0.9	-11.5	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	5.37	819.097	16672.154	0.614	2.0	0.0	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	5.37	2202.779	18034.254	1.527	4.9	-1.7	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	5.37	4383.354	17387.918	3.151	10.1	1.0	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	5.38	21923.799	18077.895	15.159	48.4	-3.2	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	5.37	41068.121	16279.702	31.533	100.7	0.7	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	5.37	100362.914	15885.324	78.975	252.1	0.8	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	5.38	179626.422	14364.652	156.309	498.9	-0.2	NO	1.000	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.993080
Calibration curve: -0.00030292 * x^2 + 2.1507 * x + -0.278477
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	5.42	18.953	1046.818	0.226	0.2	-6.1	NO	0.993	NO	bb
2	2 200629P1-5	Standard	0.500	5.43	50.549	1042.996	0.606	0.4	-17.8	NO	0.993	NO	bb
3	3 200629P1-6	Standard	1.000	5.43	111.517	999.348	1.395	0.8	-22.2	NO	0.993	NO	bb
4	4 200629P1-7	Standard	2.000	5.43	314.059	959.052	4.093	2.0	1.7	NO	0.993	NO	bb
5	5 200629P1-8	Standard	5.000	5.43	833.825	1055.620	9.874	4.7	-5.5	NO	0.993	NO	bb
6	6 200629P1-9	Standard	10.000	5.43	1704.957	934.226	22.812	10.8	7.5	NO	0.993	NO	bb
7	7 200629P1-10	Standard	50.000	5.43	8070.681	972.246	103.763	48.7	-2.6	NO	0.993	NO	bb
8	8 200629P1-11	Standard	100.000	5.43	13907.945	974.644	178.372	84.1	-15.9	NO	0.993	NO	bb
9	9 200629P1-12	Standard	250.000	5.43	33177.828	719.902	576.082	278.9	11.6	NO	0.993	NO	bb
10	10 200629P1-13	Standard	500.000	5.43	56518.973	722.779	977.459	488.2	-2.4	NO	0.993	NO	bb

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999537
Calibration curve: -1.99757e-005 * x^2 + 0.990055 * x + 0.011365
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	5.44	364.142	17235.816	0.264	0.3	2.1	NO	1.000	NO	MM
2	2 200629P1-5	Standard	0.500	5.44	730.989	18505.260	0.494	0.5	-2.5	NO	1.000	NO	bb
3	3 200629P1-6	Standard	1.000	5.44	1593.582	18223.830	1.093	1.1	9.3	NO	1.000	NO	bb
4	4 200629P1-7	Standard	2.000	5.44	2696.209	16672.154	2.021	2.0	1.5	NO	1.000	NO	bb
5	5 200629P1-8	Standard	5.000	5.44	7150.165	18034.254	4.956	5.0	-0.1	NO	1.000	NO	bb
6	6 200629P1-9	Standard	10.000	5.44	13493.691	17387.918	9.700	9.8	-2.1	NO	1.000	NO	bb
7	7 200629P1-10	Standard	50.000	5.44	66283.188	18077.895	45.832	46.3	-7.4	NO	1.000	NO	bb
8	8 200629P1-11	Standard	100.000	5.45	133267.078	16279.702	102.326	103.6	3.6	NO	1.000	NO	bb
9	9 200629P1-12	Standard	250.000	5.45	314394.063	15885.324	247.393	251.1	0.5	NO	1.000	NO	bb
10	10 200629P1-13	Standard	500.000	5.45	562119.875	14364.652	489.152	499.1	-0.2	NO	1.000	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999721
Calibration curve: -6.38077e-005 * x^2 + 1.07923 * x + 0.142445
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	1.250	5.51	160.293	16984.324	1.408	1.2	-6.2	NO	1.000	NO	bb
2	2	200629P1-5	Standard	2.500	5.51	329.506	17846.170	2.755	2.4	-3.2	NO	1.000	NO	bb
3	3	200629P1-6	Standard	5.000	5.51	674.793	18768.512	5.364	4.8	-3.2	NO	1.000	NO	bb
4	4	200629P1-7	Standard	10.000	5.52	1415.417	18150.705	11.635	10.7	6.6	NO	1.000	NO	bb
5	5	200629P1-8	Standard	25.000	5.52	3762.581	18352.684	30.588	28.3	13.0	NO	1.000	NO	bb
6	6	200629P1-9	Standard	50.000	5.52	6871.734	18551.811	55.265	51.2	2.5	NO	1.000	NO	bb
7	7	200629P1-10	Standard	250.000	5.52	33341.195	18275.213	272.200	256.0	2.4	NO	1.000	NO	bb
8	8	200629P1-11	Standard	500.000	5.52	64495.297	18362.684	524.036	500.2	0.0	NO	1.000	NO	bb
9	9	200629P1-12	Standard	1250.000	5.52	152752.141	18564.721	1227.631	1226.3	-1.9	NO	1.000	NO	bb
10	10	200629P1-13	Standard	2500.000	5.52	270381.188	17466.531	2309.610	2513.4	0.5	NO	1.000	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999830
Calibration curve: -0.000101581 * x^2 + 1.04803 * x + 0.0224259
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	5.69	393.222	17235.816	0.285	0.3	0.3	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	5.69	818.656	18505.260	0.553	0.5	1.3	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	5.70	1516.388	18223.830	1.040	1.0	-2.9	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	5.70	2838.878	16672.154	2.128	2.0	0.5	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	5.70	7793.471	18034.254	5.402	5.1	2.7	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	5.70	14681.409	17387.918	10.554	10.1	0.6	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	5.70	72039.086	18077.895	49.812	47.7	-4.5	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	5.70	137764.344	16279.702	105.779	101.9	1.9	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	5.70	325836.781	15885.324	256.398	250.7	0.3	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	5.70	572428.813	14364.652	498.123	499.5	-0.1	NO	1.000	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999702
Calibration curve: -1.19359e-005 * x^2 + 0.208544 * x + -0.0171018
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	5.72	37.965	18286.545	0.026	0.2	-17.4	NO	1.000	NO	bb
2	2	200629P1-5	Standard	0.500	5.72	132.438	18683.906	0.089	0.5	1.4	NO	1.000	NO	bb
3	3	200629P1-6	Standard	1.000	5.72	287.638	19009.164	0.189	1.0	-1.1	NO	1.000	NO	bb
4	4	200629P1-7	Standard	2.000	5.72	596.110	17552.570	0.425	2.1	5.9	NO	1.000	NO	bb
5	5	200629P1-8	Standard	5.000	5.72	1593.940	18901.789	1.054	5.1	2.8	NO	1.000	NO	bb
6	6	200629P1-9	Standard	10.000	5.72	3297.724	18022.256	2.287	11.1	10.6	NO	1.000	NO	bb
7	7	200629P1-10	Standard	50.000	5.73	15154.225	18190.164	10.414	50.2	0.3	NO	1.000	NO	bb
8	8	200629P1-11	Standard	100.000	5.73	27505.887	17154.178	20.043	96.7	-3.3	NO	1.000	NO	bb
9	9	200629P1-12	Standard	250.000	5.73	67134.383	16177.101	51.875	252.5	1.0	NO	1.000	NO	bb
10	10	200629P1-13	Standard	500.000	5.73	120775.453	14925.787	101.147	499.4	-0.1	NO	1.000	NO	bb

Compound name: PFTeDA
Correlation coefficient: r = 0.999193, r^2 = 0.998387
Calibration curve: 0.681116 * x + 0.0550039
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	5.92	294.438	18286.545	0.201	0.2	-14.1	NO	0.998	NO	bb
2	2	200629P1-5	Standard	0.500	5.92	538.236	18683.906	0.360	0.4	-10.4	NO	0.998	NO	bb
3	3	200629P1-6	Standard	1.000	5.92	1070.256	19009.164	0.704	1.0	-4.7	NO	0.998	NO	MM
4	4	200629P1-7	Standard	2.000	5.92	2238.923	17552.570	1.594	2.3	13.0	NO	0.998	NO	MM
5	5	200629P1-8	Standard	5.000	5.92	5430.918	18901.789	3.592	5.2	3.8	NO	0.998	NO	MM
6	6	200629P1-9	Standard	10.000	5.92	10521.620	18022.256	7.298	10.6	6.3	NO	0.998	NO	MM
7	7	200629P1-10	Standard	50.000	5.92	51095.516	18190.164	35.112	51.5	2.9	NO	0.998	NO	bb
8	8	200629P1-11	Standard	100.000	5.92	94623.742	17154.178	68.951	101.2	1.2	NO	0.998	NO	MM
9	9	200629P1-12	Standard	250.000	5.92	232346.391	16177.101	179.533	263.5	5.4	NO	0.998	NO	MM
10	10	200629P1-13	Standard	500.000	5.92	392822.750	14925.787	328.980	482.9	-3.4	NO	0.998	NO	MM

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999559
Calibration curve: -3.58507e-005 * x^2 + 1.15682 * x + 0.406149
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	1.250	6.00	222.677	20263.373	1.640	1.1	-14.7	NO	1.000	NO	bb
2	2	200629P1-5	Standard	2.500	6.00	462.671	21921.482	3.149	2.4	-5.2	NO	1.000	NO	bb
3	3	200629P1-6	Standard	5.000	6.00	993.765	22640.541	6.549	5.3	6.2	NO	1.000	NO	bb
4	4	200629P1-7	Standard	10.000	6.00	1859.013	22238.584	12.472	10.4	4.3	NO	1.000	NO	bb
5	5	200629P1-8	Standard	25.000	6.00	4783.328	23414.400	30.480	26.0	4.1	NO	1.000	NO	bb
6	6	200629P1-9	Standard	50.000	6.00	9339.965	22750.805	61.252	52.7	5.4	NO	1.000	NO	bb
7	7	200629P1-10	Standard	250.000	6.00	45199.758	22644.938	297.806	259.2	3.7	NO	1.000	NO	bb
8	8	200629P1-11	Standard	500.000	6.00	82104.680	22556.887	543.072	476.1	-4.8	NO	1.000	NO	bb
9	9	200629P1-12	Standard	1250.000	6.00	194869.156	20692.092	1405.101	1263.8	1.1	NO	1.000	NO	bb
10	10	200629P1-13	Standard	2500.000	6.00	332601.875	18618.678	2665.291	2496.8	-0.1	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999348
Calibration curve: -3.82793e-005 * x^2 + 1.06062 * x + 0.143336
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	0.250	6.28	656.115	20917.467	0.392	0.2	-6.2	NO	0.999	NO	bb
2	2	200629P1-5	Standard	0.500	6.28	1182.070	22101.781	0.669	0.5	-1.0	NO	0.999	NO	bb
3	3	200629P1-6	Standard	1.000	6.28	2111.336	22395.336	1.178	1.0	-2.4	NO	0.999	NO	bb
4	4	200629P1-7	Standard	2.000	6.28	3950.808	20906.619	2.362	2.1	4.6	NO	0.999	NO	bb
5	5	200629P1-8	Standard	5.000	6.28	10153.026	22662.166	5.600	5.1	2.9	NO	0.999	NO	bb
6	6	200629P1-9	Standard	10.000	6.28	18326.197	20505.912	11.171	10.4	4.0	NO	0.999	NO	bb
7	7	200629P1-10	Standard	50.000	6.28	93792.297	21733.324	53.945	50.8	1.6	NO	0.999	NO	bb
8	8	200629P1-11	Standard	100.000	6.28	178373.953	22385.680	99.603	94.1	-5.9	NO	0.999	NO	bb
9	9	200629P1-12	Standard	250.000	6.28	429841.313	19896.006	270.055	256.9	2.7	NO	0.999	NO	bb
10	10	200629P1-13	Standard	500.000	6.28	752939.188	18153.480	518.454	497.6	-0.5	NO	0.999	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999247
Calibration curve: -1.5588e-005 * x^2 + 0.859669 * x + -0.0173739
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	0.250	6.53	338.131	20917.467	0.202	0.3	2.1	NO	0.999	NO	bb
2	2 200629P1-5	Standard	0.500	6.53	696.115	22101.781	0.394	0.5	-4.4	NO	0.999	NO	MM
3	3 200629P1-6	Standard	1.000	6.53	1476.033	22395.336	0.824	1.0	-2.1	NO	0.999	NO	bb
4	4 200629P1-7	Standard	2.000	6.53	2836.683	20906.619	1.696	2.0	-0.3	NO	0.999	NO	bb
5	5 200629P1-8	Standard	5.000	6.53	7566.333	22662.166	4.173	4.9	-2.5	NO	0.999	NO	bb
6	6 200629P1-9	Standard	10.000	6.53	14504.148	20505.912	8.841	10.3	3.1	NO	0.999	NO	MM
7	7 200629P1-10	Standard	50.000	6.53	73152.453	21733.324	42.074	49.0	-2.0	NO	0.999	NO	bb
8	8 200629P1-11	Standard	100.000	6.53	145933.578	22385.680	81.488	95.0	-5.0	NO	0.999	NO	bb
9	9 200629P1-12	Standard	250.000	6.53	353547.531	19896.006	222.122	259.6	3.8	NO	0.999	NO	bb
10	10 200629P1-13	Standard	500.000	6.53	613971.063	18153.480	422.764	496.3	-0.7	NO	0.999	NO	bb

Compound name: N-MeFOSE
Correlation coefficient: r = 0.999562, r^2 = 0.999123
Calibration curve: 1.15996 * x + 0.15673
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	1.250	6.26	227.365	19275.713	1.760	1.4	10.6	NO	0.999	NO	bb
2	2 200629P1-5	Standard	2.500	6.26	414.122	19868.395	3.110	2.5	1.8	NO	0.999	NO	bb
3	3 200629P1-6	Standard	5.000	6.26	813.039	20631.004	5.880	4.9	-1.3	NO	0.999	NO	MM
4	4 200629P1-7	Standard	10.000	6.26	1629.280	20558.115	11.824	10.1	0.6	NO	0.999	NO	bb
5	5 200629P1-8	Standard	25.000	6.26	4152.780	21556.855	28.742	24.6	-1.4	NO	0.999	NO	bb
6	6 200629P1-9	Standard	50.000	6.26	7967.546	21130.146	56.259	48.4	-3.3	NO	0.999	NO	bb
7	7 200629P1-10	Standard	250.000	6.26	38848.898	20893.932	277.413	239.0	-4.4	NO	0.999	NO	bb
8	8 200629P1-11	Standard	500.000	6.26	77009.578	21086.355	544.894	469.6	-6.1	NO	0.999	NO	bb
9	9 200629P1-12	Standard	1250.000	6.26	199675.328	19840.840	1501.527	1294.3	3.5	NO	0.999	NO	bb
10	10 200629P1-13	Standard	2500.000	6.26	362050.219	18634.982	2898.736	2498.9	-0.0	NO	0.999	NO	bb

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Compound name: N-EtFOSE
Correlation coefficient: r = 0.999924, r^2 = 0.999848
Calibration curve: 1.0965 * x + 0.000447604
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	1.250	6.41	210.983	21181.545	1.486	1.4	8.4	NO	1.000	NO	bb
2	2 200629P1-5	Standard	2.500	6.41	409.907	21226.469	2.881	2.6	5.1	NO	1.000	NO	bb
3	3 200629P1-6	Standard	5.000	6.41	812.725	22975.467	5.278	4.8	-3.7	NO	1.000	NO	bb
4	4 200629P1-7	Standard	10.000	6.41	1608.930	22373.889	10.729	9.8	-2.2	NO	1.000	NO	bb
5	5 200629P1-8	Standard	25.000	6.41	4307.429	23364.613	27.506	25.1	0.3	NO	1.000	NO	bb
6	6 200629P1-9	Standard	50.000	6.41	8142.775	23520.133	51.654	47.1	-5.8	NO	1.000	NO	bb
7	7 200629P1-10	Standard	250.000	6.41	42139.086	23502.748	267.507	244.0	-2.4	NO	1.000	NO	bb
8	8 200629P1-11	Standard	500.000	6.41	81263.594	22349.713	542.491	494.7	-1.1	NO	1.000	NO	bb
9	9 200629P1-12	Standard	1250.000	6.41	205553.281	22042.305	1391.349	1268.9	1.5	NO	1.000	NO	bb
10	10 200629P1-13	Standard	2500.000	6.41	384969.750	20991.797	2736.187	2495.4	-0.2	NO	1.000	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 393.057
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	1.11	4407.213		4407.213	11.2	-10.3	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	1.11	4456.056		4456.056	11.3	-9.3	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	1.11	4400.936		4400.936	11.2	-10.4	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	1.11	4735.676		4735.676	12.0	-3.6	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	1.11	4994.829		4994.829	12.7	1.7	NO		NO	MMX
6	6 200629P1-9	Standard	12.500	1.11	4913.212		4913.212	12.5	0.0	NO		NO	MM
7	7 200629P1-10	Standard	12.500	1.11	4424.266		4424.266	11.3	-10.0	NO		NO	MMX
8	8 200629P1-11	Standard	12.500	1.11	4472.056		4472.056	11.4	-9.0	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	1.12	4633.771		4633.771	11.8	-5.7	NO		NO	MMX
10	10 200629P1-13	Standard	12.500	1.12	5137.637		5137.637	13.1	4.6	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.866321
RRF SD: 0.0251929, Relative SD: 2.90803
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	1.11	4407.213	4973.323	11.077	12.8	2.3	NO		NO	bb
2	2	200629P1-5	Standard	12.500	1.11	4456.056	5096.009	10.930	12.6	0.9	NO		NO	bb
3	3	200629P1-6	Standard	12.500	1.11	4400.936	4924.115	11.172	12.9	3.2	NO		NO	bb
4	4	200629P1-7	Standard	12.500	1.11	4735.676	5458.288	10.845	12.5	0.1	NO		NO	bb
5	5	200629P1-8	Standard	12.500	1.11	4859.763	5818.221	10.441	12.1	-3.6	NO		NO	bb
6	6	200629P1-9	Standard	12.500	1.11	4860.043	5542.726	10.960	12.7	1.2	NO		NO	bb
7	7	200629P1-10	Standard	12.500	1.11	4408.339	5254.934	10.486	12.1	-3.2	NO		NO	MM
8	8	200629P1-11	Standard	12.500	1.11	4472.056	5355.621	10.438	12.0	-3.6	NO		NO	bb
9	9	200629P1-12	Standard	12.500	1.12	4526.147	5319.721	10.635	12.3	-1.8	NO		NO	MM
10	10	200629P1-13	Standard	12.500	1.12	5117.264	5658.064	11.305	13.0	4.4	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 796.765
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	2.03	10068.563		10068.563	12.6	1.1	NO		NO	MMX
2	2	200629P1-5	Standard	12.500	2.03	9311.944		9311.944	11.7	-6.5	NO		NO	MMX
3	3	200629P1-6	Standard	12.500	2.03	8960.956		8960.956	11.2	-10.0	NO		NO	MMX
4	4	200629P1-7	Standard	12.500	2.04	10768.844		10768.844	13.5	8.1	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	2.04	10668.396		10668.396	13.4	7.1	NO		NO	MMX
6	6	200629P1-9	Standard	12.500	2.04	9959.568		9959.568	12.5	0.0	NO		NO	MM
7	7	200629P1-10	Standard	12.500	2.04	9793.321		9793.321	12.3	-1.7	NO		NO	MMX
8	8	200629P1-11	Standard	12.500	2.04	9963.586		9963.586	12.5	0.0	NO		NO	MMX
9	9	200629P1-12	Standard	12.500	2.04	9854.549		9854.549	12.4	-1.1	NO		NO	MMX
10	10	200629P1-13	Standard	12.500	2.04	10186.502		10186.502	12.8	2.3	NO		NO	bbX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.698973
RRF SD: 0.0680053, Relative SD: 9.72933
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	2.03	10065.908	12125.245	10.377	14.8	18.8	NO		NO	MM
2	2	200629P1-5	Standard	12.500	2.03	9174.182	14243.450	8.051	11.5	-7.9	NO		NO	MM
3	3	200629P1-6	Standard	12.500	2.03	8975.170	15021.930	7.468	10.7	-14.5	NO		NO	MM
4	4	200629P1-7	Standard	12.500	2.04	10751.115	14824.915	9.065	13.0	3.8	NO		NO	MM
5	5	200629P1-8	Standard	12.500	2.04	10567.364	15689.186	8.419	12.0	-3.6	NO		NO	bb
6	6	200629P1-9	Standard	12.500	2.04	9959.314	15275.984	8.149	11.7	-6.7	NO		NO	MM
7	7	200629P1-10	Standard	12.500	2.04	9819.991	14442.716	8.499	12.2	-2.7	NO		NO	MM
8	8	200629P1-11	Standard	12.500	2.04	9887.418	14082.578	8.776	12.6	0.4	NO		NO	MM
9	9	200629P1-12	Standard	12.500	2.04	9800.016	13968.399	8.770	12.5	0.4	NO		NO	MM
10	10	200629P1-13	Standard	12.500	2.04	10186.502	12998.431	9.796	14.0	12.1	NO		NO	bb

Compound name: 13C3-PFBS-EIS
Response Factor: 98.0966
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	2.32	1155.520		1155.520	11.8	-5.8	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	2.32	1133.717		1133.717	11.6	-7.5	NO		NO	MMX
3	3	200629P1-6	Standard	12.500	2.32	1091.357		1091.357	11.1	-11.0	NO		NO	MMX
4	4	200629P1-7	Standard	12.500	2.32	1261.343		1261.343	12.9	2.9	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	2.33	1223.124		1223.124	12.5	-0.3	NO		NO	MMX
6	6	200629P1-9	Standard	12.500	2.33	1226.208		1226.208	12.5	0.0	NO		NO	MM
7	7	200629P1-10	Standard	12.500	2.33	1105.940		1105.940	11.3	-9.8	NO		NO	MMX
8	8	200629P1-11	Standard	12.500	2.33	1154.564		1154.564	11.8	-5.8	NO		NO	MMX
9	9	200629P1-12	Standard	12.500	2.33	1097.029		1097.029	11.2	-10.5	NO		NO	MMX
10	10	200629P1-13	Standard	12.500	2.33	1008.168		1008.168	10.3	-17.8	NO		NO	bbX

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Compound name: 13C3-PFBS-RSD
Response Factor: 1.19048
RRF SD: 0.0942873, Relative SD: 7.92012
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	2.32	1155.520	869.953	16.603	13.9	11.6	NO		NO	bb
2	2	200629P1-5	Standard	12.500	2.32	1132.791	1027.919	13.775	11.6	-7.4	NO		NO	MM
3	3	200629P1-6	Standard	12.500	2.32	1090.682	1044.138	13.057	11.0	-12.3	NO		NO	MM
4	4	200629P1-7	Standard	12.500	2.32	1261.343	994.832	15.849	13.3	6.5	NO		NO	bb
5	5	200629P1-8	Standard	12.500	2.33	1219.356	991.023	15.380	12.9	3.4	NO		NO	MM
6	6	200629P1-9	Standard	12.500	2.33	1225.804	978.137	15.665	13.2	5.3	NO		NO	MM
7	7	200629P1-10	Standard	12.500	2.33	1105.221	1021.044	13.531	11.4	-9.1	NO		NO	MM
8	8	200629P1-11	Standard	12.500	2.33	1140.686	938.511	15.193	12.8	2.1	NO		NO	db
9	9	200629P1-12	Standard	12.500	2.33	1062.619	943.176	14.083	11.8	-5.4	NO		NO	bb
10	10	200629P1-13	Standard	12.500	2.33	1008.168	804.009	15.674	13.2	5.3	NO		NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 233.602
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	3.06	2633.036		2633.036	11.3	-9.8	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	3.06	2890.622		2890.622	12.4	-1.0	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	3.06	2811.740		2811.740	12.0	-3.7	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	3.06	2806.579		2806.579	12.0	-3.9	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	3.06	2942.799		2942.799	12.6	0.8	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	3.06	2920.028		2920.028	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	3.07	2792.642		2792.642	12.0	-4.4	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	3.07	2954.454		2954.454	12.6	1.2	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	3.07	2687.256		2687.256	11.5	-8.0	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	3.07	2711.172		2711.172	11.6	-7.2	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.197942
RRF SD: 0.0107686, Relative SD: 5.44026
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	3.06	2633.036	12125.245	2.714	13.7	9.7	NO		NO	bb
2	2 200629P1-5	Standard	12.500	3.06	2890.622	14243.450	2.537	12.8	2.5	NO		NO	bb
3	3 200629P1-6	Standard	12.500	3.06	2811.740	15021.930	2.340	11.8	-5.4	NO		NO	bb
4	4 200629P1-7	Standard	12.500	3.06	2806.579	14824.915	2.366	12.0	-4.4	NO		NO	bb
5	5 200629P1-8	Standard	12.500	3.06	2942.799	15689.186	2.345	11.8	-5.2	NO		NO	bb
6	6 200629P1-9	Standard	12.500	3.06	2920.028	15275.984	2.389	12.1	-3.4	NO		NO	bb
7	7 200629P1-10	Standard	12.500	3.07	2792.642	14442.716	2.417	12.2	-2.3	NO		NO	bb
8	8 200629P1-11	Standard	12.500	3.07	2954.454	14082.578	2.622	13.2	6.0	NO		NO	bb
9	9 200629P1-12	Standard	12.500	3.07	2687.256	13968.399	2.405	12.1	-2.8	NO		NO	bb
10	10 200629P1-13	Standard	12.500	3.07	2711.172	12998.431	2.607	13.2	5.4	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 95.029
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	2.75	1192.928		1192.928	12.6	0.4	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	2.75	1253.173		1253.173	13.2	5.5	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	2.75	1258.562		1258.562	13.2	6.0	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	2.76	1247.020		1247.020	13.1	5.0	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	2.76	1332.225		1332.225	14.0	12.2	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	2.76	1187.863		1187.863	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	2.76	1305.745		1305.745	13.7	9.9	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	2.76	1064.228		1064.228	11.2	-10.4	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	2.76	1068.199		1068.199	11.2	-10.1	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	2.76	924.469		924.469	9.7	-22.2	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.23031
RRF SD: 0.0830452, Relative SD: 6.74993
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	2.75	1192.928	869.953	17.141	13.9	11.5	NO		NO	bb
2	2 200629P1-5	Standard	12.500	2.75	1253.173	1027.919	15.239	12.4	-0.9	NO		NO	bb
3	3 200629P1-6	Standard	12.500	2.75	1258.562	1044.138	15.067	12.2	-2.0	NO		NO	bb
4	4 200629P1-7	Standard	12.500	2.76	1247.020	994.832	15.669	12.7	1.9	NO		NO	bb
5	5 200629P1-8	Standard	12.500	2.76	1332.225	991.023	16.804	13.7	9.3	NO		NO	bb
6	6 200629P1-9	Standard	12.500	2.76	1187.863	978.137	15.180	12.3	-1.3	NO		NO	bb
7	7 200629P1-10	Standard	12.500	2.76	1305.745	1021.044	15.985	13.0	3.9	NO		NO	bb
8	8 200629P1-11	Standard	12.500	2.76	1064.228	938.511	14.174	11.5	-7.8	NO		NO	bb
9	9 200629P1-12	Standard	12.500	2.76	1068.199	943.176	14.157	11.5	-7.9	NO		NO	bb
10	10 200629P1-13	Standard	12.500	2.76	924.469	804.009	14.373	11.7	-6.5	NO		NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 1063.41
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	2.84	11859.747		11859.747	11.2	-10.8	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	2.84	12277.150		12277.150	11.5	-7.6	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	2.84	12893.091		12893.091	12.1	-3.0	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	2.84	12863.978		12863.978	12.1	-3.2	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	2.84	13758.460		13758.460	12.9	3.5	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	2.85	13292.638		13292.638	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	2.85	12957.277		12957.277	12.2	-2.5	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	2.85	12531.292		12531.292	11.8	-5.7	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	2.84	12139.744		12139.744	11.4	-8.7	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	2.85	11394.731		11394.731	10.7	-14.3	NO		NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.884587
RRF SD: 0.0349435, Relative SD: 3.95027
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	2.84	11859.747	12125.245	12.226	13.8	10.6	NO		NO	bb
2	2	200629P1-5	Standard	12.500	2.84	12277.150	14243.450	10.774	12.2	-2.6	NO		NO	bb
3	3	200629P1-6	Standard	12.500	2.84	12893.091	15021.930	10.729	12.1	-3.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	2.84	12863.978	14824.915	10.847	12.3	-1.9	NO		NO	bb
5	5	200629P1-8	Standard	12.500	2.84	13758.460	15689.186	10.962	12.4	-0.9	NO		NO	bb
6	6	200629P1-9	Standard	12.500	2.85	13292.638	15275.984	10.877	12.3	-1.6	NO		NO	bb
7	7	200629P1-10	Standard	12.500	2.85	12957.277	14442.716	11.214	12.7	1.4	NO		NO	bb
8	8	200629P1-11	Standard	12.500	2.85	12531.292	14082.578	11.123	12.6	0.6	NO		NO	bb
9	9	200629P1-12	Standard	12.500	2.84	12139.744	13968.399	10.864	12.3	-1.8	NO		NO	bb
10	10	200629P1-13	Standard	12.500	2.85	11394.731	12998.431	10.958	12.4	-0.9	NO		NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 941.251
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	3.46	10463.792		10463.792	11.1	-11.1	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	3.46	10938.523		10938.523	11.6	-7.0	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	3.46	11104.561		11104.561	11.8	-5.6	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	3.47	10835.623		10835.623	11.5	-7.9	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	3.47	11649.280		11649.280	12.4	-1.0	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	3.47	11765.642		11765.642	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	3.47	11199.544		11199.544	11.9	-4.8	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	3.47	10612.802		10612.802	11.3	-9.8	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	3.47	9782.675		9782.675	10.4	-16.9	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	3.47	8799.601		8799.601	9.3	-25.2	NO		NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.752016
RRF SD: 0.0499444, Relative SD: 6.64141
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	3.46	10463.792	12125.245	10.787	14.3	14.8	NO		NO	bb
2	2 200629P1-5	Standard	12.500	3.46	10938.523	14243.450	9.600	12.8	2.1	NO		NO	bb
3	3 200629P1-6	Standard	12.500	3.46	11104.561	15021.930	9.240	12.3	-1.7	NO		NO	bb
4	4 200629P1-7	Standard	12.500	3.47	10835.623	14824.915	9.136	12.1	-2.8	NO		NO	bb
5	5 200629P1-8	Standard	12.500	3.47	11649.280	15689.186	9.281	12.3	-1.3	NO		NO	bb
6	6 200629P1-9	Standard	12.500	3.47	11765.642	15275.984	9.628	12.8	2.4	NO		NO	bb
7	7 200629P1-10	Standard	12.500	3.47	11199.544	14442.716	9.693	12.9	3.1	NO		NO	bb
8	8 200629P1-11	Standard	12.500	3.47	10612.802	14082.578	9.420	12.5	0.2	NO		NO	bb
9	9 200629P1-12	Standard	12.500	3.47	9782.675	13968.399	8.754	11.6	-6.9	NO		NO	bb
10	10 200629P1-13	Standard	12.500	3.47	8799.601	12998.431	8.462	11.3	-10.0	NO		NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 204.44
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	3.61	2421.815		2421.815	11.8	-5.2	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	3.61	2455.208		2455.208	12.0	-3.9	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	3.61	2683.614		2683.614	13.1	5.0	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	3.61	2515.920		2515.920	12.3	-1.5	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	3.62	2451.669		2451.669	12.0	-4.1	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	3.61	2555.502		2555.502	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	3.62	2327.264		2327.264	11.4	-8.9	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	3.62	2421.328		2421.328	11.8	-5.3	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	3.62	2226.008		2226.008	10.9	-12.9	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	3.62	1988.781		1988.781	9.7	-22.2	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 2.5051
RRF SD: 0.144235, Relative SD: 5.75767
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	3.61	2421.815	869.953	34.798	13.9	11.1	NO		NO	bb
2	2 200629P1-5	Standard	12.500	3.61	2455.208	1027.919	29.857	11.9	-4.7	NO		NO	bb
3	3 200629P1-6	Standard	12.500	3.61	2683.614	1044.138	32.127	12.8	2.6	NO		NO	bb
4	4 200629P1-7	Standard	12.500	3.61	2515.920	994.832	31.612	12.6	1.0	NO		NO	bb
5	5 200629P1-8	Standard	12.500	3.62	2451.669	991.023	30.923	12.3	-1.2	NO		NO	bb
6	6 200629P1-9	Standard	12.500	3.61	2555.502	978.137	32.658	13.0	4.3	NO		NO	bb
7	7 200629P1-10	Standard	12.500	3.62	2327.264	1021.044	28.491	11.4	-9.0	NO		NO	bb
8	8 200629P1-11	Standard	12.500	3.62	2421.328	938.511	32.250	12.9	3.0	NO		NO	bb
9	9 200629P1-12	Standard	12.500	3.62	2226.008	943.176	29.501	11.8	-5.8	NO		NO	bb
10	10 200629P1-13	Standard	12.500	3.62	1988.781	804.009	30.920	12.3	-1.3	NO		NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 119.666
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	3.91	1387.229		1387.229	11.6	-7.3	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	3.91	1412.339		1412.339	11.8	-5.6	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	3.91	1474.324		1474.324	12.3	-1.4	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	3.91	1471.532		1471.532	12.3	-1.6	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	3.92	1386.863		1386.863	11.6	-7.3	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	3.91	1495.821		1495.821	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	3.92	1318.467		1318.467	11.0	-11.9	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	3.92	1305.546		1305.546	10.9	-12.7	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	3.92	1275.078		1275.078	10.7	-14.8	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	3.92	1257.396		1257.396	10.5	-15.9	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.481514
RRF SD: 0.0376099, Relative SD: 7.81075
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	3.91	1387.229	2712.662	6.392	13.3	6.2	NO		NO	bb
2	2	200629P1-5	Standard	12.500	3.91	1412.339	2712.557	6.508	13.5	8.1	NO		NO	bb
3	3	200629P1-6	Standard	12.500	3.91	1474.324	2808.881	6.561	13.6	9.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	3.91	1471.532	3132.538	5.872	12.2	-2.4	NO		NO	bb
5	5	200629P1-8	Standard	12.500	3.92	1386.863	3065.970	5.654	11.7	-6.1	NO		NO	bb
6	6	200629P1-9	Standard	12.500	3.91	1495.821	3137.282	5.960	12.4	-1.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	3.92	1318.467	2989.366	5.513	11.4	-8.4	NO		NO	bb
8	8	200629P1-11	Standard	12.500	3.92	1305.546	3037.142	5.373	11.2	-10.7	NO		NO	bb
9	9	200629P1-12	Standard	12.500	3.92	1275.078	2790.806	5.711	11.9	-5.1	NO		NO	bb
10	10	200629P1-13	Standard	12.500	3.92	1257.396	2365.646	6.644	13.8	10.4	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 1067.22
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.42	12182.501		12182.501	11.4	-8.7	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	4.42	12587.215		12587.215	11.8	-5.6	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	4.43	12541.199		12541.199	11.8	-6.0	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	4.43	12970.050		12970.050	12.2	-2.8	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	4.43	13440.622		13440.622	12.6	0.8	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	4.43	13340.198		13340.198	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.43	13010.019		13010.019	12.2	-2.5	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	4.43	12692.651		12692.651	11.9	-4.9	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	4.43	11647.290		11647.290	10.9	-12.7	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	4.43	10626.674		10626.674	10.0	-20.3	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.936466
RRF SD: 0.0248791, Relative SD: 2.6567
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.42	12182.501	12564.192	12.120	12.9	3.5	NO		NO	bb
2	2	200629P1-5	Standard	12.500	4.42	12587.215	13142.941	11.971	12.8	2.3	NO		NO	bb
3	3	200629P1-6	Standard	12.500	4.43	12541.199	13612.069	11.517	12.3	-1.6	NO		NO	bb
4	4	200629P1-7	Standard	12.500	4.43	12970.050	14334.850	11.310	12.1	-3.4	NO		NO	bb
5	5	200629P1-8	Standard	12.500	4.43	13440.622	14922.634	11.259	12.0	-3.8	NO		NO	bb
6	6	200629P1-9	Standard	12.500	4.43	13340.198	14054.644	11.865	12.7	1.4	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.43	13010.019	14299.086	11.373	12.1	-2.8	NO		NO	bb
8	8	200629P1-11	Standard	12.500	4.43	12692.651	13290.499	11.938	12.7	2.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	4.43	11647.290	12246.271	11.889	12.7	1.6	NO		NO	bb
10	10	200629P1-13	Standard	12.500	4.43	10626.674	11240.488	11.817	12.6	1.0	NO		NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 433.516
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.47	4733.195		4733.195	10.9	-12.7	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	4.47	5074.962		5074.962	11.7	-6.3	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	4.47	5257.020		5257.020	12.1	-3.0	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	4.48	5010.936		5010.936	11.6	-7.5	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	4.48	5526.733		5526.733	12.7	2.0	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	4.48	5418.946		5418.946	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.48	5168.758		5168.758	11.9	-4.6	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	4.48	4858.663		4858.663	11.2	-10.3	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	4.48	4761.378		4761.378	11.0	-12.1	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	4.48	4610.150		4610.150	10.6	-14.9	NO		NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.436352
RRF SD: 0.0304334, Relative SD: 6.97451
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.47	4733.195	11003.437	5.377	12.3	-1.4	NO		NO	bb
2	2	200629P1-5	Standard	12.500	4.47	5074.962	12070.876	5.255	12.0	-3.6	NO		NO	bb
3	3	200629P1-6	Standard	12.500	4.47	5257.020	11874.191	5.534	12.7	1.5	NO		NO	bb
4	4	200629P1-7	Standard	12.500	4.48	5010.936	11853.773	5.284	12.1	-3.1	NO		NO	bb
5	5	200629P1-8	Standard	12.500	4.48	5526.733	12710.383	5.435	12.5	-0.4	NO		NO	bb
6	6	200629P1-9	Standard	12.500	4.48	5418.946	12036.009	5.628	12.9	3.2	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.48	5168.758	12296.566	5.254	12.0	-3.7	NO		NO	bb
8	8	200629P1-11	Standard	12.500	4.48	4858.663	12700.024	4.782	11.0	-12.3	NO		NO	bb
9	9	200629P1-12	Standard	12.500	4.48	4761.378	10329.005	5.762	13.2	5.6	NO		NO	bb
10	10	200629P1-13	Standard	12.500	4.48	4610.150	9247.218	6.232	14.3	14.3	NO		NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 1012.16
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	3.97	11808.904		11808.904	11.7	-6.7	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	3.97	11884.350		11884.350	11.7	-6.1	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	3.97	12888.314		12888.314	12.7	1.9	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	3.97	12954.976		12954.976	12.8	2.4	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	3.97	13223.271		13223.271	13.1	4.5	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	3.98	12652.016		12652.016	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	3.98	12287.193		12287.193	12.1	-2.9	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	3.98	11737.883		11737.883	11.6	-7.2	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	3.98	11160.620		11160.620	11.0	-11.8	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	3.98	10315.530		10315.530	10.2	-18.5	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 1.0885
RRF SD: 0.0523549, Relative SD: 4.80983
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	3.97	11808.904	10000.693	14.760	13.6	8.5	NO		NO	bb
2	2 200629P1-5	Standard	12.500	3.97	11884.350	11641.790	12.760	11.7	-6.2	NO		NO	bb
3	3 200629P1-6	Standard	12.500	3.97	12888.314	12216.877	13.187	12.1	-3.1	NO		NO	bb
4	4 200629P1-7	Standard	12.500	3.97	12954.976	11560.649	14.008	12.9	3.0	NO		NO	bb
5	5 200629P1-8	Standard	12.500	3.97	13223.271	12697.130	13.018	12.0	-4.3	NO		NO	bb
6	6 200629P1-9	Standard	12.500	3.98	12652.016	12063.431	13.110	12.0	-3.6	NO		NO	bb
7	7 200629P1-10	Standard	12.500	3.98	12287.193	11530.695	13.320	12.2	-2.1	NO		NO	bb
8	8 200629P1-11	Standard	12.500	3.98	11737.883	10778.078	13.613	12.5	0.1	NO		NO	bb
9	9 200629P1-12	Standard	12.500	3.98	11160.620	10101.049	13.811	12.7	1.5	NO		NO	bb
10	10 200629P1-13	Standard	12.500	3.98	10315.530	8908.122	14.475	13.3	6.4	NO		NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 227.159
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	4.52	2497.147		2497.147	11.0	-12.1	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	4.51	2345.730		2345.730	10.3	-17.4	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	4.52	2308.591		2308.591	10.2	-18.7	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	4.52	2591.567		2591.567	11.4	-8.7	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	4.52	2578.708		2578.708	11.4	-9.2	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	4.52	2839.489		2839.489	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	4.52	2535.851		2535.851	11.2	-10.7	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	4.52	2390.783		2390.783	10.5	-15.8	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	4.52	2211.932		2211.932	9.7	-22.1	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	4.52	2053.513		2053.513	9.0	-27.7	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.847677
RRF SD: 0.0436306, Relative SD: 5.14708
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.52	2497.147	2712.662	11.507	13.6	8.6	NO		NO	bb
2	2	200629P1-5	Standard	12.500	4.51	2345.730	2712.557	10.810	12.8	2.0	NO		NO	bb
3	3	200629P1-6	Standard	12.500	4.52	2308.591	2808.881	10.274	12.1	-3.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	4.52	2591.567	3132.538	10.341	12.2	-2.4	NO		NO	bb
5	5	200629P1-8	Standard	12.500	4.52	2578.708	3065.970	10.513	12.4	-0.8	NO		NO	bb
6	6	200629P1-9	Standard	12.500	4.52	2839.489	3137.282	11.313	13.3	6.8	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.52	2535.851	2989.366	10.604	12.5	0.1	NO		NO	bb
8	8	200629P1-11	Standard	12.500	4.52	2390.783	3037.142	9.840	11.6	-7.1	NO		NO	bb
9	9	200629P1-12	Standard	12.500	4.52	2211.932	2790.806	9.907	11.7	-6.5	NO		NO	bb
10	10	200629P1-13	Standard	12.500	4.52	2053.513	2365.646	10.851	12.8	2.4	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1298.9
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.81	15876.688		15876.688	12.2	-2.2	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	4.81	15732.080		15732.080	12.1	-3.1	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	4.81	15608.390		15608.390	12.0	-3.9	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	4.82	16286.579		16286.579	12.5	0.3	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	4.82	16326.788		16326.788	12.6	0.6	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	4.82	16236.227		16236.227	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.82	16813.080		16813.080	12.9	3.6	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	4.82	15589.683		15589.683	12.0	-4.0	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	4.82	14068.574		14068.574	10.8	-13.4	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	4.82	13627.680		13627.680	10.5	-16.1	NO		NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 1.20289
RRF SD: 0.0366285, Relative SD: 3.04503
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.81	15876.688	12607.863	15.741	13.1	4.7	NO		NO	bb
2	2	200629P1-5	Standard	12.500	4.81	15732.080	13193.156	14.906	12.4	-0.9	NO		NO	bb
3	3	200629P1-6	Standard	12.500	4.81	15608.390	13103.522	14.889	12.4	-1.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	4.82	16286.579	13556.057	15.018	12.5	-0.1	NO		NO	bb
5	5	200629P1-8	Standard	12.500	4.82	16326.788	14185.170	14.387	12.0	-4.3	NO		NO	bb
6	6	200629P1-9	Standard	12.500	4.82	16236.227	13464.961	15.073	12.5	0.2	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.82	16813.080	13854.944	15.169	12.6	0.9	NO		NO	bb
8	8	200629P1-11	Standard	12.500	4.82	15589.683	13585.180	14.344	11.9	-4.6	NO		NO	bb
9	9	200629P1-12	Standard	12.500	4.82	14068.574	11212.751	15.684	13.0	4.3	NO		NO	bb
10	10	200629P1-13	Standard	12.500	4.82	13627.680	11243.000	15.151	12.6	0.8	NO		NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 117.58
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.78	1358.126		1358.126	11.6	-7.6	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	4.78	1360.949		1360.949	11.6	-7.4	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	4.78	1380.516		1380.516	11.7	-6.1	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	4.78	1488.123		1488.123	12.7	1.3	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	4.78	1572.176		1572.176	13.4	7.0	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	4.78	1469.748		1469.748	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.79	1446.130		1446.130	12.3	-1.6	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	4.79	1450.478		1450.478	12.3	-1.3	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	4.79	1225.068		1225.068	10.4	-16.6	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	4.79	1277.388		1277.388	10.9	-13.1	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.489046
RRF SD: 0.0273759, Relative SD: 5.59782
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.78	1358.126	2712.662	6.258	12.8	2.4	NO		NO	bb
2	2	200629P1-5	Standard	12.500	4.78	1360.949	2712.557	6.272	12.8	2.6	NO		NO	bb
3	3	200629P1-6	Standard	12.500	4.78	1380.516	2808.881	6.144	12.6	0.5	NO		NO	bb
4	4	200629P1-7	Standard	12.500	4.78	1488.123	3132.538	5.938	12.1	-2.9	NO		NO	bb
5	5	200629P1-8	Standard	12.500	4.78	1572.176	3065.970	6.410	13.1	4.9	NO		NO	bb
6	6	200629P1-9	Standard	12.500	4.78	1469.748	3137.282	5.856	12.0	-4.2	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.79	1446.130	2989.366	6.047	12.4	-1.1	NO		NO	bb
8	8	200629P1-11	Standard	12.500	4.79	1450.478	3037.142	5.970	12.2	-2.3	NO		NO	bb
9	9	200629P1-12	Standard	12.500	4.79	1225.068	2790.806	5.487	11.2	-10.2	NO		NO	bb
10	10	200629P1-13	Standard	12.500	4.79	1277.388	2365.646	6.750	13.8	10.4	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 312.115
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.97	3723.322		3723.322	11.9	-4.6	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	4.97	3837.361		3837.361	12.3	-1.6	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	4.97	3778.171		3778.171	12.1	-3.2	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	4.97	3883.800		3883.800	12.4	-0.5	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	4.97	4034.460		4034.460	12.9	3.4	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	4.97	3901.435		3901.435	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.97	3785.096		3785.096	12.1	-3.0	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	4.97	3559.418		3559.418	11.4	-8.8	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	4.97	3635.440		3635.440	11.6	-6.8	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	4.97	3431.604		3431.604	11.0	-12.0	NO		NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.325481
RRF SD: 0.0246909, Relative SD: 7.58598
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	4.97	3723.322	11003.437	4.230	13.0	4.0	NO		NO	bb
2	2 200629P1-5	Standard	12.500	4.97	3837.361	12070.876	3.974	12.2	-2.3	NO		NO	bb
3	3 200629P1-6	Standard	12.500	4.97	3778.171	11874.191	3.977	12.2	-2.2	NO		NO	bb
4	4 200629P1-7	Standard	12.500	4.97	3883.800	11853.773	4.096	12.6	0.7	NO		NO	bb
5	5 200629P1-8	Standard	12.500	4.97	4034.460	12710.383	3.968	12.2	-2.5	NO		NO	bb
6	6 200629P1-9	Standard	12.500	4.97	3901.435	12036.009	4.052	12.4	-0.4	NO		NO	bb
7	7 200629P1-10	Standard	12.500	4.97	3785.096	12296.566	3.848	11.8	-5.4	NO		NO	bb
8	8 200629P1-11	Standard	12.500	4.97	3559.418	12700.024	3.503	10.8	-13.9	NO		NO	bb
9	9 200629P1-12	Standard	12.500	4.97	3635.440	10329.005	4.400	13.5	8.1	NO		NO	bb
10	10 200629P1-13	Standard	12.500	4.97	3431.604	9247.218	4.639	14.3	14.0	NO		NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1115.76
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	5.15	14960.979		14960.979	13.4	7.3	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	5.15	15365.966		15365.966	13.8	10.2	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	5.15	15471.347		15471.347	13.9	10.9	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	5.15	14771.276		14771.276	13.2	5.9	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	5.15	16742.771		16742.771	15.0	20.0	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	5.15	13946.981		13946.981	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	5.15	14801.540		14801.540	13.3	6.1	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	5.15	15120.841		15120.841	13.6	8.4	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	5.15	13690.195		13690.195	12.3	-1.8	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	5.15	13212.624		13212.624	11.8	-5.3	NO		NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.28063
RRF SD: 0.0831124, Relative SD: 6.48997
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	5.15	14960.979	11003.437	16.996	13.3	6.2	NO		NO	bb
2	2	200629P1-5	Standard	12.500	5.15	15365.966	12070.876	15.912	12.4	-0.6	NO		NO	bb
3	3	200629P1-6	Standard	12.500	5.15	15471.347	11874.191	16.287	12.7	1.7	NO		NO	bb
4	4	200629P1-7	Standard	12.500	5.15	14771.276	11853.773	15.577	12.2	-2.7	NO		NO	bb
5	5	200629P1-8	Standard	12.500	5.15	16742.771	12710.383	16.466	12.9	2.9	NO		NO	bb
6	6	200629P1-9	Standard	12.500	5.15	13946.981	12036.009	14.485	11.3	-9.5	NO		NO	bb
7	7	200629P1-10	Standard	12.500	5.15	14801.540	12296.566	15.046	11.7	-6.0	NO		NO	bb
8	8	200629P1-11	Standard	12.500	5.15	15120.841	12700.024	14.883	11.6	-7.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	5.15	13690.195	10329.005	16.568	12.9	3.5	NO		NO	bb
10	10	200629P1-13	Standard	12.500	5.15	13212.624	9247.218	17.860	13.9	11.6	NO		NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 339.207
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	5.13	3475.824		3475.824	10.2	-18.0	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	5.13	4077.720		4077.720	12.0	-3.8	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	5.13	3824.471		3824.471	11.3	-9.8	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	5.13	3743.280		3743.280	11.0	-11.7	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	5.13	4325.183		4325.183	12.8	2.0	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	5.13	4240.090		4240.090	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	5.13	3929.518		3929.518	11.6	-7.3	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	5.14	3830.833		3830.833	11.3	-9.7	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	5.14	3581.892		3581.892	10.6	-15.5	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	5.14	3206.861		3206.861	9.5	-24.4	NO		NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.329892
RRF SD: 0.0170099, Relative SD: 5.1562
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	5.13	3475.824	11003.437	3.949	12.0	-4.2	NO		NO	bb
2	2 200629P1-5	Standard	12.500	5.13	4077.720	12070.876	4.223	12.8	2.4	NO		NO	bb
3	3 200629P1-6	Standard	12.500	5.13	3824.471	11874.191	4.026	12.2	-2.4	NO		NO	bb
4	4 200629P1-7	Standard	12.500	5.13	3743.280	11853.773	3.947	12.0	-4.3	NO		NO	bb
5	5 200629P1-8	Standard	12.500	5.13	4325.183	12710.383	4.254	12.9	3.2	NO		NO	bb
6	6 200629P1-9	Standard	12.500	5.13	4240.090	12036.009	4.404	13.3	6.8	NO		NO	bb
7	7 200629P1-10	Standard	12.500	5.13	3929.518	12296.566	3.995	12.1	-3.1	NO		NO	bb
8	8 200629P1-11	Standard	12.500	5.14	3830.833	12700.024	3.770	11.4	-8.6	NO		NO	bb
9	9 200629P1-12	Standard	12.500	5.14	3581.892	10329.005	4.335	13.1	5.1	NO		NO	bb
10	10 200629P1-13	Standard	12.500	5.14	3206.861	9247.218	4.335	13.1	5.1	NO		NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1391.03
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	5.44	17235.816		17235.816	12.4	-0.9	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	5.44	18505.260		18505.260	13.3	6.4	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	5.44	18223.830		18223.830	13.1	4.8	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	5.44	16672.154		16672.154	12.0	-4.1	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	5.44	18034.254		18034.254	13.0	3.7	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	5.44	17387.918		17387.918	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	5.45	18077.895		18077.895	13.0	4.0	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	5.45	16279.702		16279.702	11.7	-6.4	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	5.45	15885.324		15885.324	11.4	-8.6	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	5.45	14364.652		14364.652	10.3	-17.4	NO		NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.31505
RRF SD: 0.0754975, Relative SD: 5.74102
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	5.44	17235.816	12607.863	17.088	13.0	4.0	NO		NO	bb
2	2 200629P1-5	Standard	12.500	5.44	18505.260	13193.156	17.533	13.3	6.7	NO		NO	bb
3	3 200629P1-6	Standard	12.500	5.44	18223.830	13103.522	17.384	13.2	5.8	NO		NO	bb
4	4 200629P1-7	Standard	12.500	5.44	16672.154	13556.057	15.373	11.7	-6.5	NO		NO	bb
5	5 200629P1-8	Standard	12.500	5.44	18034.254	14185.170	15.892	12.1	-3.3	NO		NO	bb
6	6 200629P1-9	Standard	12.500	5.44	17387.918	13464.961	16.142	12.3	-1.8	NO		NO	bb
7	7 200629P1-10	Standard	12.500	5.45	18077.895	13854.944	16.310	12.4	-0.8	NO		NO	bb
8	8 200629P1-11	Standard	12.500	5.45	16279.702	13585.180	14.979	11.4	-8.9	NO		NO	bb
9	9 200629P1-12	Standard	12.500	5.45	15885.324	11212.751	17.709	13.5	7.7	NO		NO	bb
10	10 200629P1-13	Standard	12.500	5.45	14364.652	11243.000	15.971	12.1	-2.8	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 74.7381
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	5.42	1046.818		1046.818	14.0	12.1	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	5.42	1042.996		1042.996	14.0	11.6	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	5.42	999.348		999.348	13.4	7.0	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	5.42	959.052		959.052	12.8	2.7	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	5.43	1055.620		1055.620	14.1	13.0	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	5.42	934.226		934.226	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	5.43	972.246		972.246	13.0	4.1	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	5.42	974.644		974.644	13.0	4.3	NO		NO	MMX
9	9 200629P1-12	Standard	12.500	5.42	719.902		719.902	9.6	-22.9	NO		NO	dbX
10	10 200629P1-13	Standard	12.500	5.42	722.779		722.779	9.7	-22.6	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.328993
RRF SD: 0.0398581, Relative SD: 12.1152
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	5.42	1046.818	2712.662	4.824	14.7	17.3	NO		NO	bb
2	2 200629P1-5	Standard	12.500	5.42	1042.996	2712.557	4.806	14.6	16.9	NO		NO	bb
3	3 200629P1-6	Standard	12.500	5.42	999.348	2808.881	4.447	13.5	8.1	NO		NO	bb
4	4 200629P1-7	Standard	12.500	5.42	959.052	3132.538	3.827	11.6	-6.9	NO		NO	bb
5	5 200629P1-8	Standard	12.500	5.43	1055.620	3065.970	4.304	13.1	4.7	NO		NO	bb
6	6 200629P1-9	Standard	12.500	5.42	934.226	3137.282	3.722	11.3	-9.5	NO		NO	bb
7	7 200629P1-10	Standard	12.500	5.43	972.246	2989.366	4.065	12.4	-1.1	NO		NO	bb
8	8 200629P1-11	Standard	12.500	5.42	989.725	3037.142	4.073	12.4	-0.9	NO		NO	MM
9	9 200629P1-12	Standard	12.500	5.42	721.331	2790.806	3.231	9.8	-21.4	NO		NO	MM
10	10 200629P1-13	Standard	12.500	5.42	723.695	2365.646	3.824	11.6	-7.0	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 124.342
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	149.200	5.54	16984.324		16984.324	136.6	-8.4	NO		NO	bbX
2	2 200629P1-5	Standard	149.200	5.54	17846.170		17846.170	143.5	-3.8	NO		NO	bbX
3	3 200629P1-6	Standard	149.200	5.54	18768.512		18768.512	150.9	1.2	NO		NO	MMX
4	4 200629P1-7	Standard	149.200	5.55	18150.705		18150.705	146.0	-2.2	NO		NO	bbX
5	5 200629P1-8	Standard	149.200	5.55	18352.684		18352.684	147.6	-1.1	NO		NO	bbX
6	6 200629P1-9	Standard	149.200	5.55	18551.811		18551.811	149.2	0.0	NO		NO	bb
7	7 200629P1-10	Standard	149.200	5.55	18275.213		18275.213	147.0	-1.5	NO		NO	bbX
8	8 200629P1-11	Standard	149.200	5.55	18362.684		18362.684	147.7	-1.0	NO		NO	bbX
9	9 200629P1-12	Standard	149.200	5.55	18564.721		18564.721	149.3	0.1	NO		NO	bbX
10	10 200629P1-13	Standard	149.200	5.55	17466.531		17466.531	140.5	-5.8	NO		NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.131838
RRF SD: 0.0125807, Relative SD: 9.54249
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	149.200	5.54	16984.324	11003.437	19.294	146.3	-1.9	NO		NO	bb
2	2 200629P1-5	Standard	149.200	5.54	17797.982	12070.876	18.431	139.8	-6.3	NO		NO	bb
3	3 200629P1-6	Standard	149.200	5.54	18761.012	11874.191	19.750	149.8	0.4	NO		NO	MM
4	4 200629P1-7	Standard	149.200	5.55	18150.705	11853.773	19.140	145.2	-2.7	NO		NO	bb
5	5 200629P1-8	Standard	149.200	5.55	18352.684	12710.383	18.049	136.9	-8.2	NO		NO	bb
6	6 200629P1-9	Standard	149.200	5.55	18551.811	12036.009	19.267	146.1	-2.1	NO		NO	bb
7	7 200629P1-10	Standard	149.200	5.55	18275.213	12296.566	18.578	140.9	-5.6	NO		NO	bb
8	8 200629P1-11	Standard	149.200	5.55	18406.822	12700.024	18.117	137.4	-7.9	NO		NO	bb
9	9 200629P1-12	Standard	149.200	5.55	18564.721	10329.005	22.467	170.4	14.2	NO		NO	bb
10	10 200629P1-13	Standard	149.200	5.55	17466.531	9247.218	23.611	179.1	20.0	NO		NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1441.78
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	5.92	18286.545		18286.545	12.7	1.5	NO		NO	bbX
2	2 200629P1-5	Standard	12.500	5.92	18683.906		18683.906	13.0	3.7	NO		NO	bbX
3	3 200629P1-6	Standard	12.500	5.92	19009.164		19009.164	13.2	5.5	NO		NO	bbX
4	4 200629P1-7	Standard	12.500	5.92	17552.570		17552.570	12.2	-2.6	NO		NO	bbX
5	5 200629P1-8	Standard	12.500	5.92	18901.789		18901.789	13.1	4.9	NO		NO	bbX
6	6 200629P1-9	Standard	12.500	5.92	18022.256		18022.256	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	5.92	18190.164		18190.164	12.6	0.9	NO		NO	bbX
8	8 200629P1-11	Standard	12.500	5.92	17154.178		17154.178	11.9	-4.8	NO		NO	bbX
9	9 200629P1-12	Standard	12.500	5.92	16177.101		16177.101	11.2	-10.2	NO		NO	bbX
10	10 200629P1-13	Standard	12.500	5.92	14925.787		14925.787	10.4	-17.2	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 1.52861
RRF SD: 0.0889075, Relative SD: 5.81622
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	5.92	18286.545	11003.437	20.774	13.6	8.7	NO		NO	bb
2	2	200629P1-5	Standard	12.500	5.92	18683.906	12070.876	19.348	12.7	1.3	NO		NO	bb
3	3	200629P1-6	Standard	12.500	5.92	19009.164	11874.191	20.011	13.1	4.7	NO		NO	bb
4	4	200629P1-7	Standard	12.500	5.92	17552.570	11853.773	18.509	12.1	-3.1	NO		NO	bb
5	5	200629P1-8	Standard	12.500	5.92	18901.789	12710.383	18.589	12.2	-2.7	NO		NO	bb
6	6	200629P1-9	Standard	12.500	5.92	18022.256	12036.009	18.717	12.2	-2.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	5.92	18190.164	12296.566	18.491	12.1	-3.2	NO		NO	bb
8	8	200629P1-11	Standard	12.500	5.92	17154.178	12700.024	16.884	11.0	-11.6	NO		NO	bb
9	9	200629P1-12	Standard	12.500	5.92	16177.101	10329.005	19.577	12.8	2.5	NO		NO	bb
10	10	200629P1-13	Standard	12.500	5.92	14925.787	9247.218	20.176	13.2	5.6	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 152.485
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	149.200	6.02	20263.373		20263.373	132.9	-10.9	NO		NO	bbX
2	2	200629P1-5	Standard	149.200	6.02	21921.482		21921.482	143.8	-3.6	NO		NO	bbX
3	3	200629P1-6	Standard	149.200	6.02	22640.541		22640.541	148.5	-0.5	NO		NO	bbX
4	4	200629P1-7	Standard	149.200	6.03	22238.584		22238.584	145.8	-2.3	NO		NO	bbX
5	5	200629P1-8	Standard	149.200	6.03	23414.400		23414.400	153.6	2.9	NO		NO	bbX
6	6	200629P1-9	Standard	149.200	6.03	22750.805		22750.805	149.2	0.0	NO		NO	bb
7	7	200629P1-10	Standard	149.200	6.03	22644.938		22644.938	148.5	-0.5	NO		NO	bbX
8	8	200629P1-11	Standard	149.200	6.03	22556.887		22556.887	147.9	-0.9	NO		NO	bbX
9	9	200629P1-12	Standard	149.200	6.03	20692.092		20692.092	135.7	-9.0	NO		NO	bbX
10	10	200629P1-13	Standard	149.200	6.03	18618.678		18618.678	122.1	-18.2	NO		NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.157567
RRF SD: 0.00643534, Relative SD: 4.08419
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	149.200	6.02	20263.373	11003.437	23.019	146.1	-2.1	NO		NO	bb
2	2	200629P1-5	Standard	149.200	6.02	21921.482	12070.876	22.701	144.1	-3.4	NO		NO	bb
3	3	200629P1-6	Standard	149.200	6.02	22640.541	11874.191	23.834	151.3	1.4	NO		NO	bb
4	4	200629P1-7	Standard	149.200	6.03	22238.584	11853.773	23.451	148.8	-0.2	NO		NO	bb
5	5	200629P1-8	Standard	149.200	6.03	23414.400	12710.383	23.027	146.1	-2.1	NO		NO	bb
6	6	200629P1-9	Standard	149.200	6.03	22750.805	12036.009	23.628	150.0	0.5	NO		NO	bb
7	7	200629P1-10	Standard	149.200	6.03	22644.938	12296.566	23.020	146.1	-2.1	NO		NO	bb
8	8	200629P1-11	Standard	149.200	6.03	22556.887	12700.024	22.202	140.9	-5.6	NO		NO	bb
9	9	200629P1-12	Standard	149.200	6.03	20692.092	10329.005	25.041	158.9	6.5	NO		NO	bb
10	10	200629P1-13	Standard	149.200	6.03	18618.678	9247.218	25.168	159.7	7.1	NO		NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1640.47
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	6.28	20917.467		20917.467	12.8	2.0	NO		NO	bbX
2	2	200629P1-5	Standard	12.500	6.28	22101.781		22101.781	13.5	7.8	NO		NO	bbX
3	3	200629P1-6	Standard	12.500	6.28	22395.336		22395.336	13.7	9.2	NO		NO	bbX
4	4	200629P1-7	Standard	12.500	6.28	20906.619		20906.619	12.7	2.0	NO		NO	bbX
5	5	200629P1-8	Standard	12.500	6.28	22662.166		22662.166	13.8	10.5	NO		NO	bbX
6	6	200629P1-9	Standard	12.500	6.28	20505.912		20505.912	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	6.28	21733.324		21733.324	13.2	6.0	NO		NO	bbX
8	8	200629P1-11	Standard	12.500	6.28	22385.680		22385.680	13.6	9.2	NO		NO	bbX
9	9	200629P1-12	Standard	12.500	6.28	19896.006		19896.006	12.1	-3.0	NO		NO	bbX
10	10	200629P1-13	Standard	12.500	6.28	18153.480		18153.480	11.1	-11.5	NO		NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.82879
RRF SD: 0.0857368, Relative SD: 4.68818
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	6.28	20917.467	11003.437	23.762	13.0	3.9	NO		NO	bb
2	2 200629P1-5	Standard	12.500	6.28	22101.781	12070.876	22.888	12.5	0.1	NO		NO	bb
3	3 200629P1-6	Standard	12.500	6.28	22395.336	11874.191	23.576	12.9	3.1	NO		NO	bb
4	4 200629P1-7	Standard	12.500	6.28	20906.619	11853.773	22.046	12.1	-3.6	NO		NO	bb
5	5 200629P1-8	Standard	12.500	6.28	22662.166	12710.383	22.287	12.2	-2.5	NO		NO	bb
6	6 200629P1-9	Standard	12.500	6.28	20505.912	12036.009	21.296	11.6	-6.8	NO		NO	bb
7	7 200629P1-10	Standard	12.500	6.28	21733.324	12296.566	22.093	12.1	-3.4	NO		NO	bb
8	8 200629P1-11	Standard	12.500	6.28	22385.680	12700.024	22.033	12.0	-3.6	NO		NO	bb
9	9 200629P1-12	Standard	12.500	6.28	19896.006	10329.005	24.078	13.2	5.3	NO		NO	bb
10	10 200629P1-13	Standard	12.500	6.28	18153.480	9247.218	24.539	13.4	7.3	NO		NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 141.623
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	149.200	6.25	19275.713		19275.713	136.1	-8.8	NO		NO	bbX
2	2 200629P1-5	Standard	149.200	6.25	19868.395		19868.395	140.3	-6.0	NO		NO	bbX
3	3 200629P1-6	Standard	149.200	6.25	20631.004		20631.004	145.7	-2.4	NO		NO	bbX
4	4 200629P1-7	Standard	149.200	6.25	20558.115		20558.115	145.2	-2.7	NO		NO	bbX
5	5 200629P1-8	Standard	149.200	6.25	21556.855		21556.855	152.2	2.0	NO		NO	bbX
6	6 200629P1-9	Standard	149.200	6.25	21130.146		21130.146	149.2	0.0	NO		NO	bb
7	7 200629P1-10	Standard	149.200	6.25	20893.932		20893.932	147.5	-1.1	NO		NO	bbX
8	8 200629P1-11	Standard	149.200	6.25	21086.355		21086.355	148.9	-0.2	NO		NO	bbX
9	9 200629P1-12	Standard	149.200	6.25	19840.840		19840.840	140.1	-6.1	NO		NO	bbX
10	10 200629P1-13	Standard	149.200	6.25	18634.982		18634.982	131.6	-11.8	NO		NO	bbX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.147593
RRF SD: 0.00979295, Relative SD: 6.6351
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	149.200	6.25	19275.713	11003.437	21.897	148.4	-0.6	NO		NO	bb
2	2 200629P1-5	Standard	149.200	6.25	19868.395	12070.876	20.575	139.4	-6.6	NO		NO	bb
3	3 200629P1-6	Standard	149.200	6.25	20631.004	11874.191	21.718	147.1	-1.4	NO		NO	bb
4	4 200629P1-7	Standard	149.200	6.25	20558.115	11853.773	21.679	146.9	-1.6	NO		NO	bb
5	5 200629P1-8	Standard	149.200	6.25	21556.855	12710.383	21.200	143.6	-3.7	NO		NO	bb
6	6 200629P1-9	Standard	149.200	6.25	21130.146	12036.009	21.945	148.7	-0.3	NO		NO	bb
7	7 200629P1-10	Standard	149.200	6.25	20893.932	12296.566	21.240	143.9	-3.5	NO		NO	bb
8	8 200629P1-11	Standard	149.200	6.25	21086.355	12700.024	20.754	140.6	-5.8	NO		NO	bb
9	9 200629P1-12	Standard	149.200	6.25	19840.840	10329.005	24.011	162.7	9.0	NO		NO	bb
10	10 200629P1-13	Standard	149.200	6.25	18634.982	9247.218	25.190	170.7	14.4	NO		NO	bb

Compound name: d9-N-EtFOSE-EIS
Response Factor: 157.642
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	149.200	6.40	21181.545		21181.545	134.4	-9.9	NO		NO	bbX
2	2 200629P1-5	Standard	149.200	6.40	21226.469		21226.469	134.7	-9.8	NO		NO	bbX
3	3 200629P1-6	Standard	149.200	6.40	22975.467		22975.467	145.7	-2.3	NO		NO	bbX
4	4 200629P1-7	Standard	149.200	6.40	22373.889		22373.889	141.9	-4.9	NO		NO	bbX
5	5 200629P1-8	Standard	149.200	6.40	23364.613		23364.613	148.2	-0.7	NO		NO	bbX
6	6 200629P1-9	Standard	149.200	6.40	23520.133		23520.133	149.2	0.0	NO		NO	bb
7	7 200629P1-10	Standard	149.200	6.40	23502.748		23502.748	149.1	-0.1	NO		NO	bbX
8	8 200629P1-11	Standard	149.200	6.40	22349.713		22349.713	141.8	-5.0	NO		NO	bbX
9	9 200629P1-12	Standard	149.200	6.40	22042.305		22042.305	139.8	-6.3	NO		NO	bbX
10	10 200629P1-13	Standard	149.200	6.40	20991.797		20991.797	133.2	-10.7	NO		NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.162613
RRF SD: 0.0134706, Relative SD: 8.28381
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	149.200	6.40	21401.086	11003.437	24.312	149.5	0.2	NO		NO	MM
2	2	200629P1-5	Standard	149.200	6.40	21226.469	12070.876	21.981	135.2	-9.4	NO		NO	bb
3	3	200629P1-6	Standard	149.200	6.40	22975.467	11874.191	24.186	148.7	-0.3	NO		NO	bb
4	4	200629P1-7	Standard	149.200	6.40	22373.889	11853.773	23.594	145.1	-2.8	NO		NO	bb
5	5	200629P1-8	Standard	149.200	6.40	23364.613	12710.383	22.978	141.3	-5.3	NO		NO	bb
6	6	200629P1-9	Standard	149.200	6.40	23520.133	12036.009	24.427	150.2	0.7	NO		NO	bb
7	7	200629P1-10	Standard	149.200	6.40	23502.748	12296.566	23.892	146.9	-1.5	NO		NO	bb
8	8	200629P1-11	Standard	149.200	6.40	22349.713	12700.024	21.998	135.3	-9.3	NO		NO	bb
9	9	200629P1-12	Standard	149.200	6.40	22208.098	10329.005	26.876	165.3	10.8	NO		NO	MM
10	10	200629P1-13	Standard	149.200	6.40	20991.797	9247.218	28.376	174.5	17.0	NO		NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	1.11	4973.323	4973.323	12.500	12.5	0.0	NO		NO	bb
2	2	200629P1-5	Standard	12.500	1.10	5096.009	5096.009	12.500	12.5	0.0	NO		NO	bb
3	3	200629P1-6	Standard	12.500	1.11	4924.115	4924.115	12.500	12.5	0.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	1.11	5458.288	5458.288	12.500	12.5	0.0	NO		NO	bb
5	5	200629P1-8	Standard	12.500	1.11	5818.221	5818.221	12.500	12.5	0.0	NO		NO	bb
6	6	200629P1-9	Standard	12.500	1.12	5542.726	5542.726	12.500	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	1.12	5254.934	5254.934	12.500	12.5	0.0	NO		NO	bb
8	8	200629P1-11	Standard	12.500	1.11	5355.621	5355.621	12.500	12.5	0.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	1.12	5319.721	5319.721	12.500	12.5	0.0	NO		NO	bb
10	10	200629P1-13	Standard	12.500	1.11	5658.064	5658.064	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C2-FOUEA-EIS
Response Factor: 1509.42
RRF SD: 102.355, Relative SD: 6.78109
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.49	17586.578		17586.578	11.7	-6.8	NO		NO	bb
2	2	200629P1-5	Standard	12.500	4.49	19469.002		19469.002	12.9	3.2	NO		NO	bb
3	3	200629P1-6	Standard	12.500	4.49	20152.584		20152.584	13.4	6.8	NO		NO	bb
4	4	200629P1-7	Standard	12.500	4.49	19963.078		19963.078	13.2	5.8	NO		NO	bb
5	5	200629P1-8	Standard	12.500	4.49	20425.352		20425.352	13.5	8.3	NO		NO	bb
6	6	200629P1-9	Standard	12.500	4.49	19676.164		19676.164	13.0	4.3	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.49	18630.754		18630.754	12.3	-1.3	NO		NO	bb
8	8	200629P1-11	Standard	12.500	4.50	18686.787		18686.787	12.4	-1.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	4.49	16880.002		16880.002	11.2	-10.5	NO		NO	bb
10	10	200629P1-13	Standard	12.500	4.49	17206.600		17206.600	11.4	-8.8	NO		NO	bb

Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 9.79125e-017, Relative SD: 9.79125e-015
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	2.84	12125.245	12125.245	12.500	12.5	0.0	NO		NO	bb
2	2	200629P1-5	Standard	12.500	2.84	14243.450	14243.450	12.500	12.5	0.0	NO		NO	bb
3	3	200629P1-6	Standard	12.500	2.84	15021.930	15021.930	12.500	12.5	0.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	2.84	14824.915	14824.915	12.500	12.5	0.0	NO		NO	bb
5	5	200629P1-8	Standard	12.500	2.84	15689.186	15689.186	12.500	12.5	0.0	NO		NO	bb
6	6	200629P1-9	Standard	12.500	2.84	15275.984	15275.984	12.500	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	2.85	14442.716	14442.716	12.500	12.5	0.0	NO		NO	bb
8	8	200629P1-11	Standard	12.500	2.85	14082.578	14082.578	12.500	12.5	0.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	2.84	13968.399	13968.399	12.500	12.5	0.0	NO		NO	bb
10	10	200629P1-13	Standard	12.500	2.85	12998.431	12998.431	12.500	12.5	0.0	NO		NO	bb

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Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 8.27511e-017, Relative SD: 8.27511e-015
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	3.61	869.953	869.953	12.500	12.5	0.0	NO		NO	bb
2	2	200629P1-5	Standard	12.500	3.61	1027.919	1027.919	12.500	12.5	0.0	NO		NO	bb
3	3	200629P1-6	Standard	12.500	3.61	1044.138	1044.138	12.500	12.5	0.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	3.61	994.832	994.832	12.500	12.5	0.0	NO		NO	bb
5	5	200629P1-8	Standard	12.500	3.62	991.023	991.023	12.500	12.5	0.0	NO		NO	bb
6	6	200629P1-9	Standard	12.500	3.61	978.137	978.137	12.500	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	3.62	1021.044	1021.044	12.500	12.5	0.0	NO		NO	bb
8	8	200629P1-11	Standard	12.500	3.62	938.511	938.511	12.500	12.5	0.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	3.61	943.176	943.176	12.500	12.5	0.0	NO		NO	bb
10	10	200629P1-13	Standard	12.500	3.62	804.009	804.009	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	3.97	10000.693	10000.693	12.500	12.5	0.0	NO		NO	bb
2	2	200629P1-5	Standard	12.500	3.97	11641.790	11641.790	12.500	12.5	0.0	NO		NO	bb
3	3	200629P1-6	Standard	12.500	3.97	12216.877	12216.877	12.500	12.5	0.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	3.97	11560.649	11560.649	12.500	12.5	0.0	NO		NO	bb
5	5	200629P1-8	Standard	12.500	3.97	12697.130	12697.130	12.500	12.5	0.0	NO		NO	bb
6	6	200629P1-9	Standard	12.500	3.97	12063.431	12063.431	12.500	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	3.98	11530.695	11530.695	12.500	12.5	0.0	NO		NO	bb
8	8	200629P1-11	Standard	12.500	3.98	10778.078	10778.078	12.500	12.5	0.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	3.98	10101.049	10101.049	12.500	12.5	0.0	NO		NO	bb
10	10	200629P1-13	Standard	12.500	3.98	8908.122	8908.122	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 8.27511e-017, Relative SD: 8.27511e-015
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	4.42	12564.192	12564.192	12.500	12.5	0.0	NO		NO	bb
2	2 200629P1-5	Standard	12.500	4.42	13142.941	13142.941	12.500	12.5	0.0	NO		NO	bb
3	3 200629P1-6	Standard	12.500	4.43	13612.069	13612.069	12.500	12.5	0.0	NO		NO	bb
4	4 200629P1-7	Standard	12.500	4.43	14334.850	14334.850	12.500	12.5	0.0	NO		NO	bb
5	5 200629P1-8	Standard	12.500	4.43	14922.634	14922.634	12.500	12.5	0.0	NO		NO	bb
6	6 200629P1-9	Standard	12.500	4.43	14054.644	14054.644	12.500	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	4.43	14299.086	14299.086	12.500	12.5	0.0	NO		NO	bb
8	8 200629P1-11	Standard	12.500	4.43	13290.499	13290.499	12.500	12.5	0.0	NO		NO	bb
9	9 200629P1-12	Standard	12.500	4.43	12246.271	12246.271	12.500	12.5	0.0	NO		NO	bb
10	10 200629P1-13	Standard	12.500	4.43	11240.488	11240.488	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200629P1-4	Standard	12.500	4.52	2712.662	2712.662	12.500	12.5	0.0	NO		NO	bb
2	2 200629P1-5	Standard	12.500	4.52	2712.557	2712.557	12.500	12.5	0.0	NO		NO	bb
3	3 200629P1-6	Standard	12.500	4.52	2808.881	2808.881	12.500	12.5	0.0	NO		NO	bb
4	4 200629P1-7	Standard	12.500	4.52	3132.538	3132.538	12.500	12.5	0.0	NO		NO	bb
5	5 200629P1-8	Standard	12.500	4.52	3065.970	3065.970	12.500	12.5	0.0	NO		NO	bb
6	6 200629P1-9	Standard	12.500	4.52	3137.282	3137.282	12.500	12.5	0.0	NO		NO	bb
7	7 200629P1-10	Standard	12.500	4.52	2989.366	2989.366	12.500	12.5	0.0	NO		NO	bb
8	8 200629P1-11	Standard	12.500	4.52	3037.142	3037.142	12.500	12.5	0.0	NO		NO	bb
9	9 200629P1-12	Standard	12.500	4.52	2790.806	2790.806	12.500	12.5	0.0	NO		NO	bb
10	10 200629P1-13	Standard	12.500	4.52	2365.646	2365.646	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200629P1-4	Standard	12.500	4.81	12607.863	12607.863	12.500	12.5	0.0	NO		NO	bb
2	2	200629P1-5	Standard	12.500	4.81	13193.156	13193.156	12.500	12.5	0.0	NO		NO	bb
3	3	200629P1-6	Standard	12.500	4.81	13103.522	13103.522	12.500	12.5	0.0	NO		NO	bb
4	4	200629P1-7	Standard	12.500	4.82	13556.057	13556.057	12.500	12.5	0.0	NO		NO	bd
5	5	200629P1-8	Standard	12.500	4.82	14185.170	14185.170	12.500	12.5	0.0	NO		NO	bb
6	6	200629P1-9	Standard	12.500	4.82	13464.961	13464.961	12.500	12.5	0.0	NO		NO	bb
7	7	200629P1-10	Standard	12.500	4.82	13854.944	13854.944	12.500	12.5	0.0	NO		NO	bb
8	8	200629P1-11	Standard	12.500	4.82	13585.180	13585.180	12.500	12.5	0.0	NO		NO	bb
9	9	200629P1-12	Standard	12.500	4.82	11212.751	11212.751	12.500	12.5	0.0	NO		NO	bb
10	10	200629P1-13	Standard	12.500	4.82	11243.000	11243.000	12.500	12.5	0.0	NO		NO	bb

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Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:40:00 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9993	NO	
2	2	PFPrS	51	0.9999	NO	
3	3	3:3 FTCA	49	0.9991	NO	
4	4	PFPeA	49	0.9995	NO	
5	5	PFBS	51	0.9994	NO	
6	6	4:2 FTS	55	0.9986	NO	
7	7	PFHxA	57	0.9995	NO	
8	8	PFPeS	51	0.9992	NO	
9	9	HFPO-DA	53	0.9982	NO	
10	10	5:3 FTCA	59	0.9995	NO	
11	11	PFHpA	59	0.9995	NO	
12	12	ADONA	59	0.9992	NO	
13	13	L-PFHxS	61	0.9994	NO	
14	15	6:2 FTS	63	0.9991	NO	
15	16	L-PFOA	69	0.9998	NO	
16	18	PFecHS	69	0.9997	NO	
17	19	PFHpS	71	0.9984	NO	
18	20	7:3 FTCA	65	0.9987	NO	
19	21	PFNA	65	0.9999	NO	
20	22	PFOSA	67	0.9996	NO	
21	23	L-PFOS	71	0.9988	NO	
22	25	9Cl-PF30NS	71	0.9997	NO	
23	26	PFDA	73	0.9991	NO	
24	27	8:2 FTS	75	0.9998	NO	
25	28	PFNS	71	0.9989	NO	
26	29	L-MeFOSAA	77	0.9998	NO	

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Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:44:53 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	81	0.9997	NO	
2	33	PFUdA	79	0.9993	NO	
3	34	PFDS	71	0.9997	NO	
4	35	11Cl-PF30UdS	83	0.9999	NO	
5	36	10:2 FTS	85	0.9931	NO	
6	37	PFDoA	83	0.9995	NO	
7	38	N-MeFOSA	87	0.9997	NO	
8	39	PFTrDA	83	0.9998	NO	
9	40	PFDoS	89	0.9997	NO	
10	41	PFTeDA	89	0.9984	NO	
11	42	N-EtFOSA	91	0.9996	NO	
12	43	PFHxDA	93	0.9993	NO	
13	44	PFODA	93	0.9992	NO	
14	45	N-MeFOSE	95	0.9991	NO	
15	46	N-EtFOSE	97	0.9998	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	99		NO	2.908
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	101		NO	9.729
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	102		NO	7.920
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	101		NO	5.440
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	102		NO	6.750
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	101		NO	3.950
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	101		NO	6.641
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	102		NO	5.758
32	63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:44:53 Pacific Daylight Time

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
33	64	13C2-6:2 FTS-RSD	105		NO	7.811
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	104		NO	2.657
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	107		NO	6.975
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	103		NO	4.810
40	71	13C8-PFOS-EIS			NO	0.000
41	72	13C8-PFOS-RSD	105		NO	5.147
42	73	13C2-PFDA-EIS			NO	0.000
43	74	13C2-PFDA-RSD	106		NO	3.045
44	75	13C2-8:2 FTS-EIS			NO	0.000
45	76	13C2-8:2 FTS-RSD	105		NO	5.598
46	77	d3-N-MeFOSAA-EIS			NO	0.000
47	78	d3-N-MeFOSAA-RSD	107		NO	7.586
48	79	13C2-PFUdA-EIS			NO	0.000
49	80	13C2-PFUdA-RSD	107		NO	6.490
50	81	d5-N-EtFOSAA-EIS			NO	0.000
51	82	d5-N-EtFOSAA-RSD	107		NO	5.156
52	83	13C2-PFDoA-EIS			NO	0.000
53	84	13C2-PFDoA-RSD	106		NO	5.741
54	85	13C2-10:2 FTS-EIS			NO	0.000
55	86	13C2-10:2 FTS-RSD	105		NO	12.115
56	87	d3-N-MeFOSA-EIS			NO	0.000
57	88	d3-N-MeFOSA-RSD	107		NO	9.542
58	89	13C2-PFTeDA-EIS			NO	0.000
59	90	13C2-PFTeDA-RSD	107		NO	5.816
60	91	d5-N-ETFOSA-EIS			NO	0.000
61	92	d5-N-ETFOSA-RSD	107		NO	4.084
62	93	13C2-PFHxDA-EIS			NO	0.000
63	94	13C2-PFHxDA-RSD	107		NO	4.688
64	95	d7-N-MeFOSE-EIS			NO	0.000
65	96	d7-N-MeFOSE-RSD	107		NO	6.635
66	97	d9-N-EtFOSE-EIS			NO	0.000
67	98	d9-N-EtFOSE-RSD	107		NO	8.284
68	99	13C4-PFBA	99		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:44:53 Pacific Daylight Time

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

	#	Name	IS#	CoD	CoD Flag	%RSD
69	1...	13C2-FOUEA-EIS			NO	6.781
70	1...	13C5-PFHxA	101		NO	0.000
71	1...	18O2-PFHxS	102		NO	0.000
72	1...	13C8-PFOA	103		NO	0.000
73	1...	13C9-PFNA	104		NO	0.000
74	1...	13C4-PFOS	105		NO	0.000
75	1...	13C6-PFDA	106		NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:49:46 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:49:57 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:49:44
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.11	1.11			
2	2	PFPrS	1.47	1.45	2.657	2.657	NO
3	3	3:3 FTCA	1.92	1.90	3.709	3.709	NO
4	4	PFPeA	2.04	2.04			
5	5	PFBS	2.33	2.33	2.436	2.436	NO
6	6	4:2 FTS	2.76	2.76	13.849	13.849	NO
7	7	PFHxA	2.85	2.85	16.697	16.697	NO
8	8	PFPeS	3.08	3.06	2.132	2.132	NO
9	9	HFPO-DA	3.06	3.07	2.203	2.203	NO
10	10	5:3 FTCA	2.62	3.42	1.654	1.654	NO
11	11	PFHpA	3.47	3.47	49.883	49.883	NO
12	12	ADONA	3.55	3.58	4.317	4.317	NO
13	13	L-PFHxS	3.61	3.62	4.027	4.027	NO
14	15	6:2 FTS	3.91	3.91	0.720	0.720	NO
15	16	L-PFOA	3.98	3.97	3.234	3.234	NO
16	18	PFecHS	3.99	3.99	0.529	0.529	NO
17	19	PFHpS	4.11	4.09	1.824	1.824	NO
18	20	7:3 FTCA	4.35	4.41	1.220	1.220	NO
19	21	PFNA	4.43	4.43	12.401	12.401	NO
20	22	PFOSA	4.48	4.48	21.562	21.562	NO
21	23	L-PFOS	4.52	4.52	2.584	2.584	NO
22	25	9Cl-PF30NS	4.72	4.75	29.948	29.948	NO
23	26	PFDA	4.82	4.82	5.172	5.172	NO
24	27	8:2 FTS	4.78	4.78	0.654	0.654	NO
25	28	PFNS	4.85	4.89	2.620	2.620	NO
26	29	L-MeFOSAA	4.97	4.97	2.092	2.092	NO

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:49:46 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:50:23 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:49:44
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.13	5.14	1.415	1.415	NO
2	33	PFUdA	5.15	5.15	16.304	16.304	NO
3	34	PFDS	5.20	5.21	2.193	2.193	NO
4	35	11Cl-PF30UdS	5.38	5.37	17.301	17.301	NO
5	36	10:2 FTS	5.42	5.43	1.051	1.051	NO
6	37	PFDoA	5.44	5.44	14.025	14.025	NO
7	38	N-MeFOSA	5.54	5.52	1.779	1.779	NO
8	39	PFTrDA	5.69	5.70	88.043	88.043	NO
9	40	PFDoS	5.73	5.72	2.401	2.401	NO
10	41	PFTeDA	5.92	5.92	14.272	14.272	NO
11	42	N-EtFOSA	6.01	6.00	1.905	1.905	NO
12	43	PFHxDA	6.28	6.28	30.374	30.374	NO
13	44	PFODA	6.49	6.53			
14	45	N-MeFOSE	6.25	6.26			
15	46	N-EtFOSE	6.40	6.41			

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Dataset: Untitled

Last Altered: Tuesday, June 30, 2020 08:51:04 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:51:12 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200629P1-1	IPA	29-Jun-20	11:06:30
2	2	200629P1-2	TEST	29-Jun-20	11:17:00
3	3	200629P1-3	IPA	29-Jun-20	11:27:32
4	4	200629P1-4	ST200629P1-1 PFC CS-2 20F1901	29-Jun-20	11:38:03
5	5	200629P1-5	ST200629P1-2 PFC CS-1 20F1902	29-Jun-20	11:48:31
6	6	200629P1-6	ST200629P1-3 PFC CS0 20F1903	29-Jun-20	11:59:03
7	7	200629P1-7	ST200629P1-4 PFC CS1 20F1904	29-Jun-20	12:09:33
8	8	200629P1-8	ST200629P1-5 PFC CS2 20F1905	29-Jun-20	12:20:02
9	9	200629P1-9	ST200629P1-6 PFC CS3 20F1906	29-Jun-20	12:30:34
10	10	200629P1-10	ST200629P1-7 PFC CS4 20F1907	29-Jun-20	12:41:03
11	11	200629P1-11	ST200629P1-8 PFC CS5 20F1908	29-Jun-20	12:51:33
12	12	200629P1-12	ST200629P1-9 PFC CS6 20F1909	29-Jun-20	13:02:04
13	13	200629P1-13	ST200629P1-10 PFC CS7 20F1910	29-Jun-20	13:12:35
14	14	200629P1-14	IB	29-Jun-20	13:23:05
15	15	200629P1-15	ICV200629P1-1 PFC ICV 20F1911	29-Jun-20	13:33:35
16	16	200629P1-16	IB	29-Jun-20	13:44:04

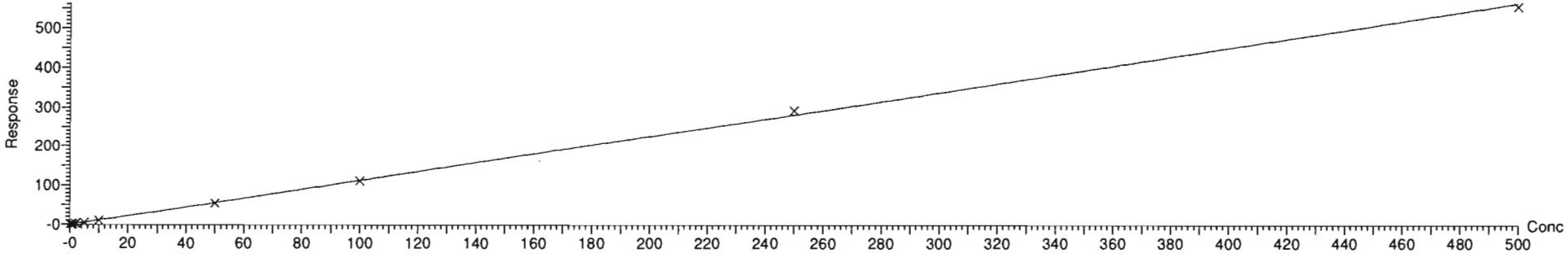
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

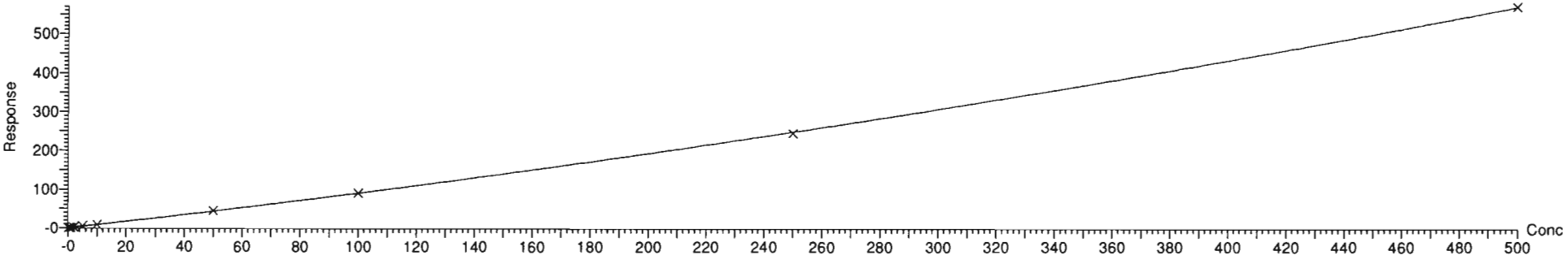
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:06 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Compound name: PFBA
Correlation coefficient: r = 0.999657, r^2 = 0.999314
Calibration curve: 1.12675 * x + -0.10916
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



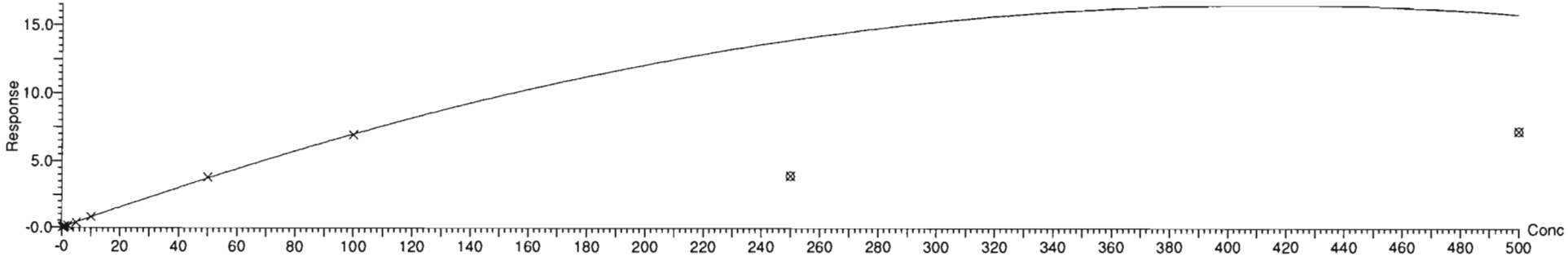
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999869
Calibration curve: 0.000567402 * x^2 + 0.856124 * x + -0.0661619
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



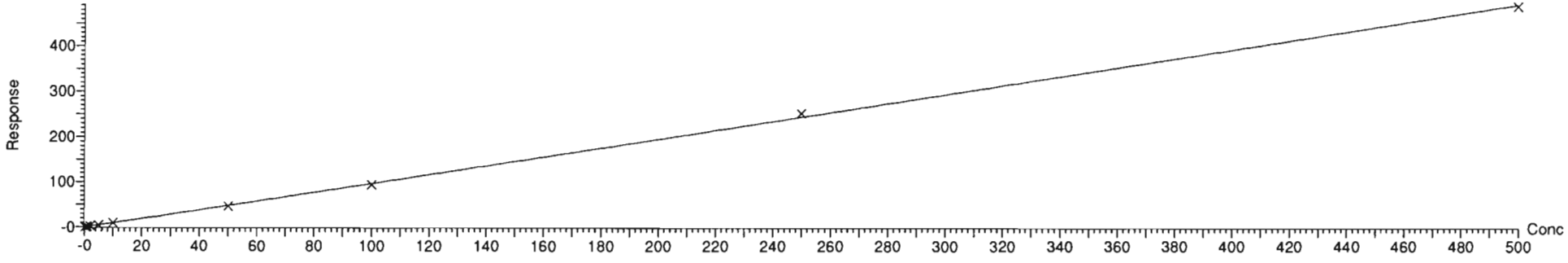
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:06 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999123
Calibration curve: -9.61909e-005 * x^2 + 0.0797435 * x + -0.00443807
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



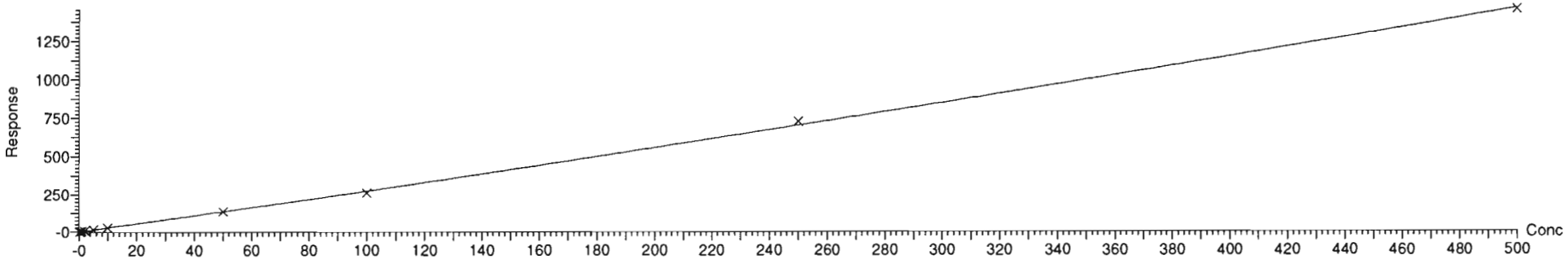
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999457
Calibration curve: 2.80848e-005 * x^2 + 0.970924 * x + -0.0293871
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



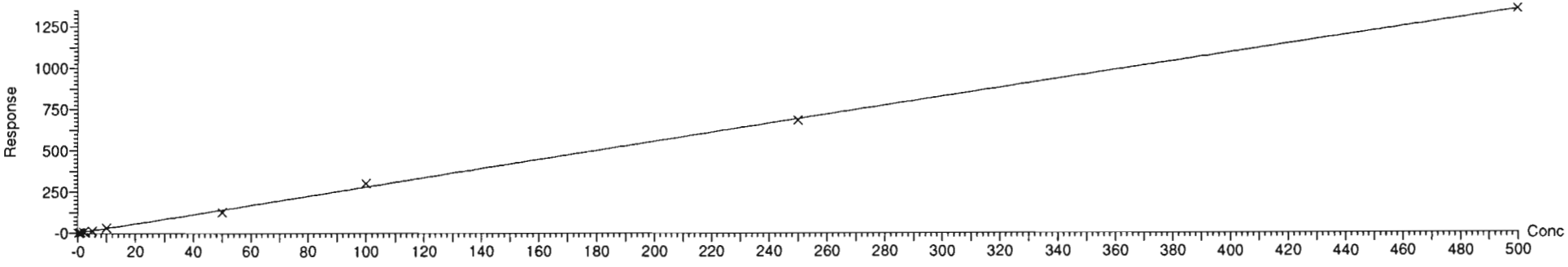
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:06 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999430
Calibration curve: 0.000465612 * x^2 + 2.69021 * x + -0.0769866
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



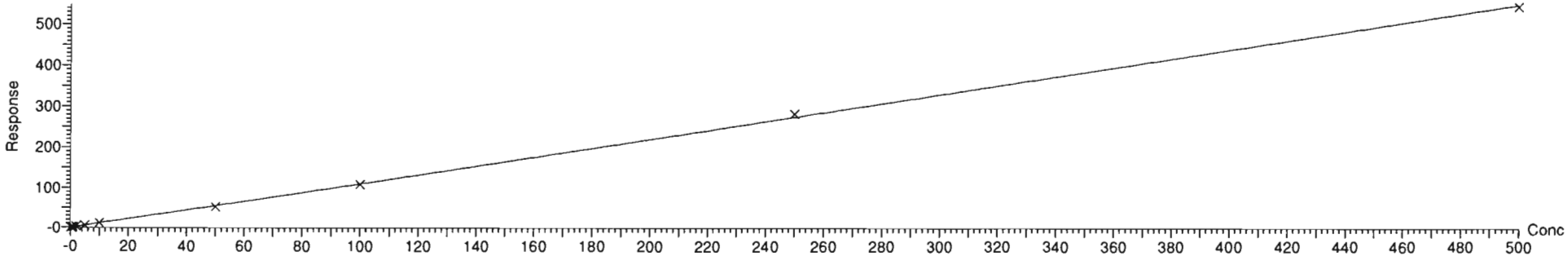
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998564
Calibration curve: -0.000246306 * x^2 + 2.82823 * x + -0.128043
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



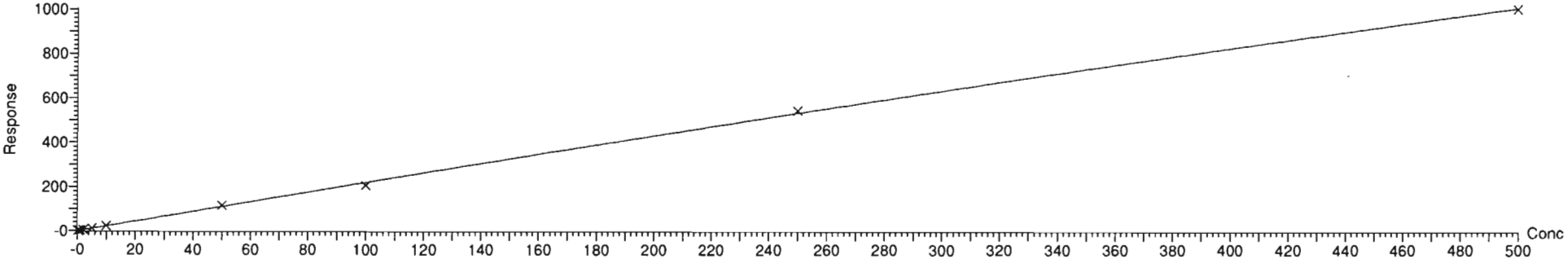
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:06 Pacific Daylight Time

Compound name: PFHxA
Correlation coefficient: r = 0.999771, r^2 = 0.999543
Calibration curve: 1.09704 * x + 0.0667825
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



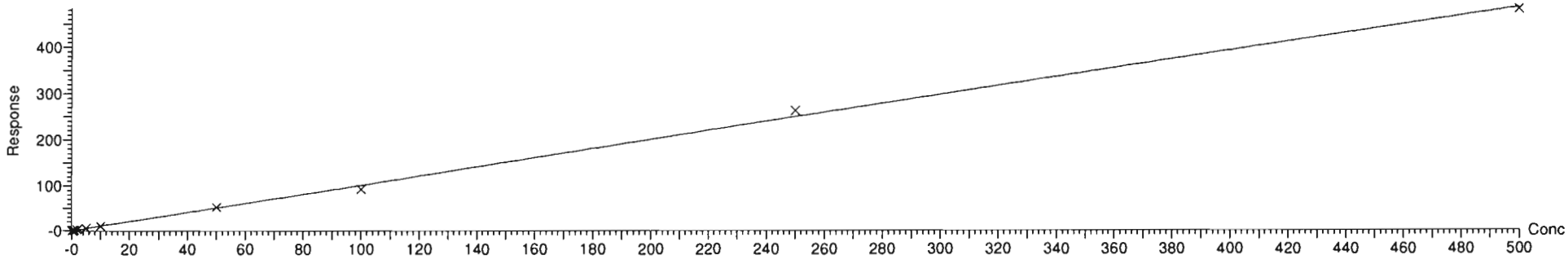
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999190
Calibration curve: -0.000482676 * x^2 + 2.25815 * x + -0.145534
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



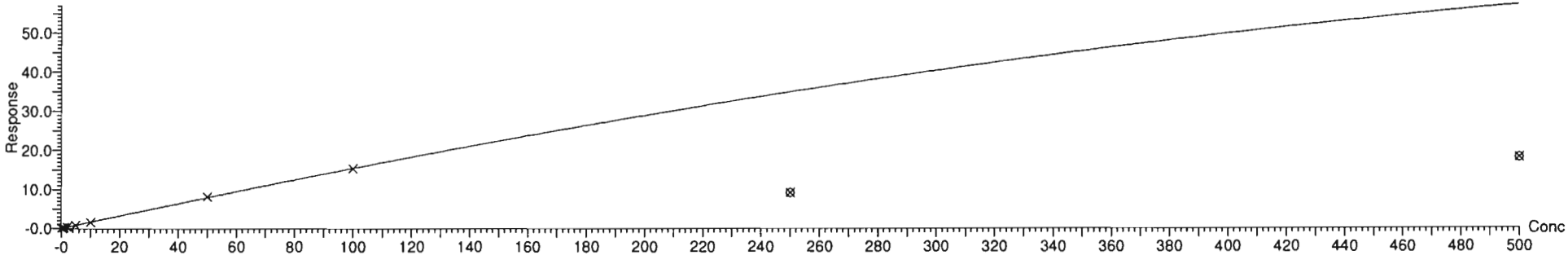
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:06 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.998238
Calibration curve: -0.000106027 * x^2 + 1.02315 * x + -0.00769009
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999471
Calibration curve: -9.99601e-005 * x^2 + 0.164305 * x + 0.000316338
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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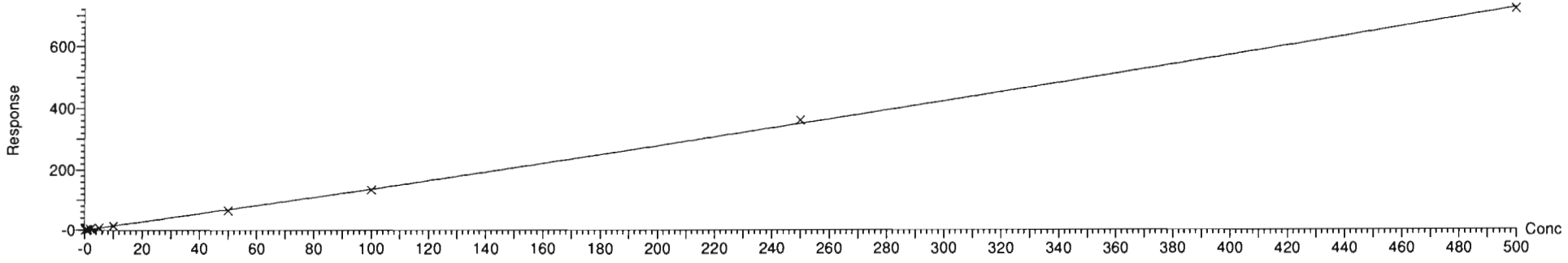
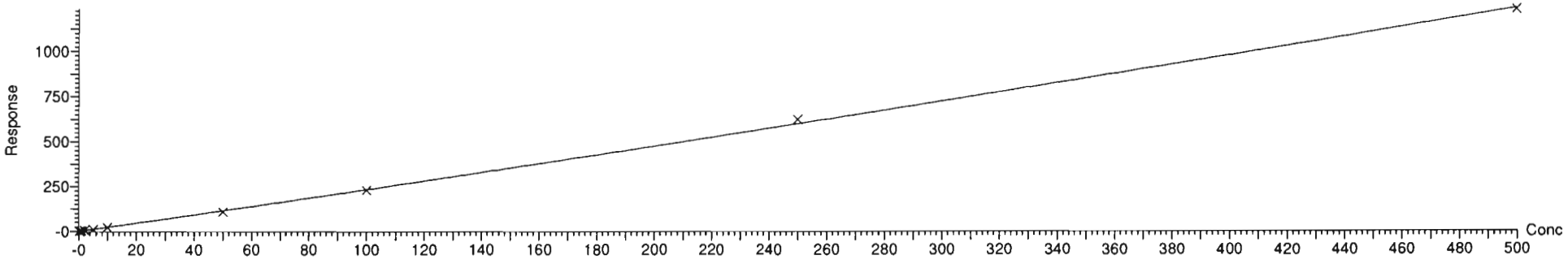
Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999506
Calibration curve: 0.000211876 * x^2 + 1.34403 * x + 0.036564
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: ADONA
Coefficient of Determination: R^2 = 0.999195
Calibration curve: 0.000358002 * x^2 + 2.29733 * x + -0.165829
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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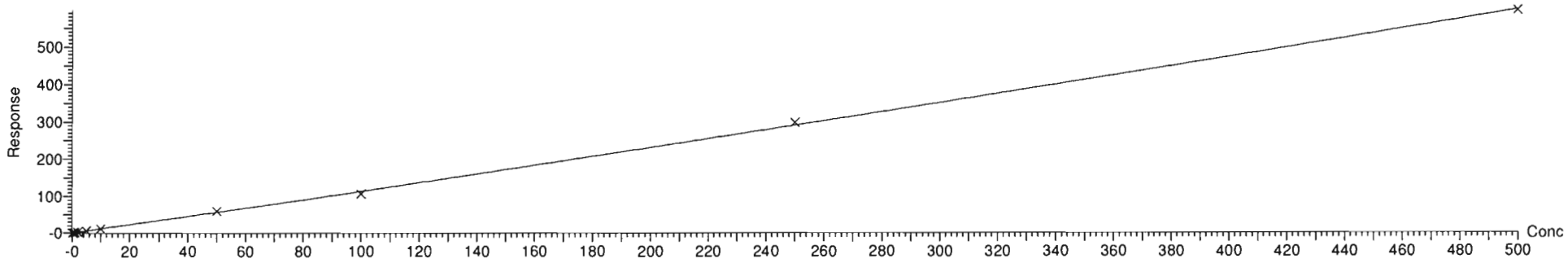
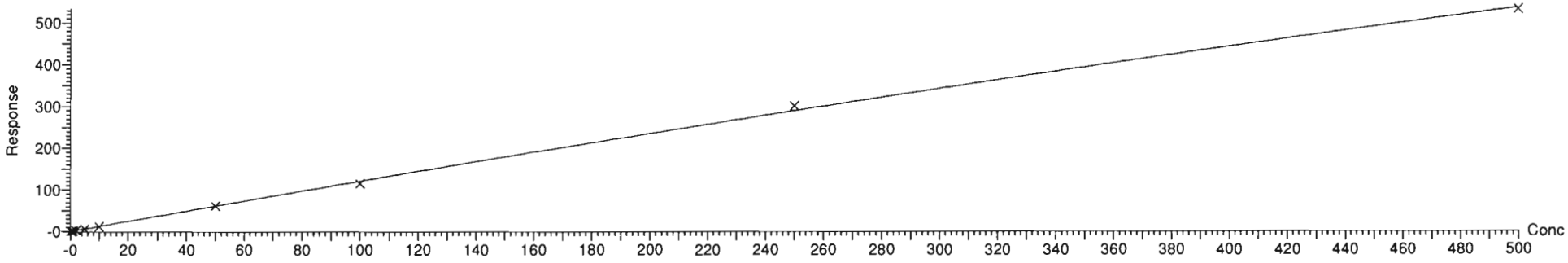
Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999368
Calibration curve: 0.00014679 * x^2 + 1.12455 * x + -0.0437043
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999102
Calibration curve: -0.000346985 * x^2 + 1.24477 * x + -0.0845373
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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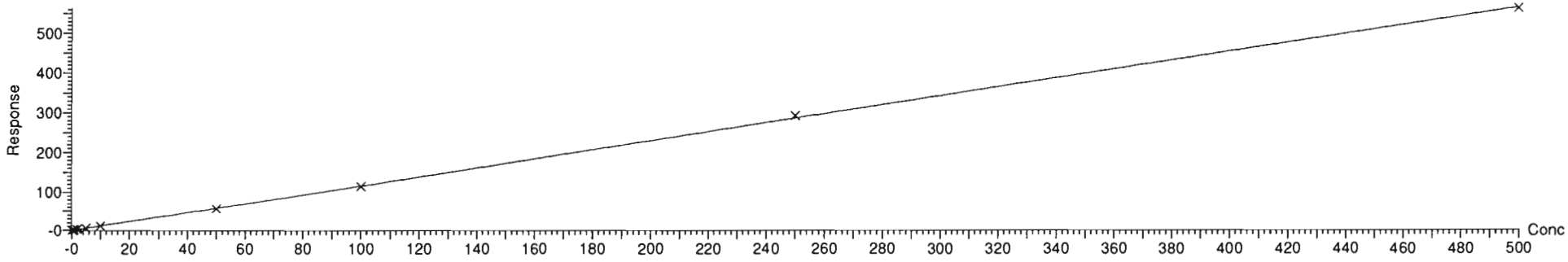
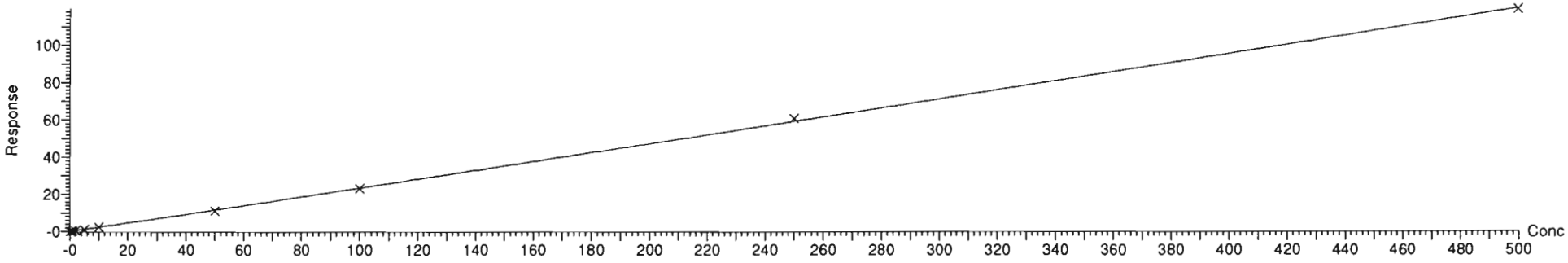
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999757
Calibration curve: -5.72714e-005 * x^2 + 1.15904 * x + 0.00866908
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999678
Calibration curve: 1.35709e-005 * x^2 + 0.233094 * x + -0.0103809
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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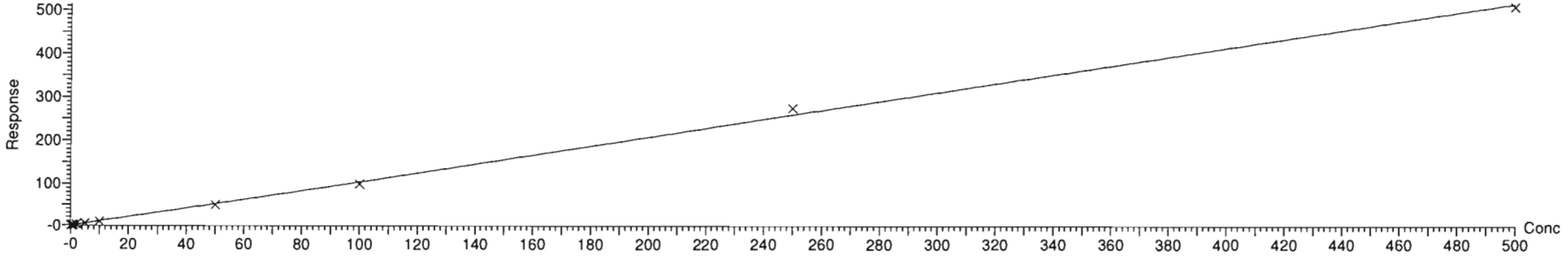
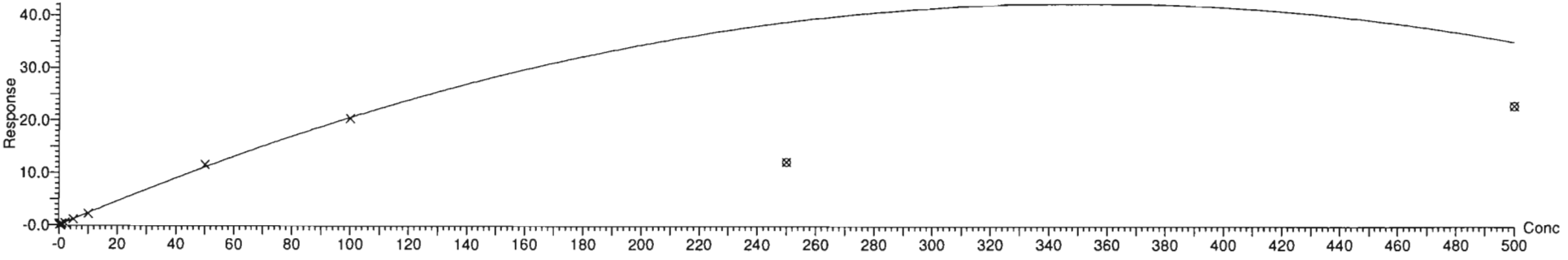
Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998434
Calibration curve: -2.58719e-005 * x^2 + 1.04369 * x + -0.0700458
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998719
Calibration curve: -0.000340037 * x^2 + 0.240278 * x + -0.0178741
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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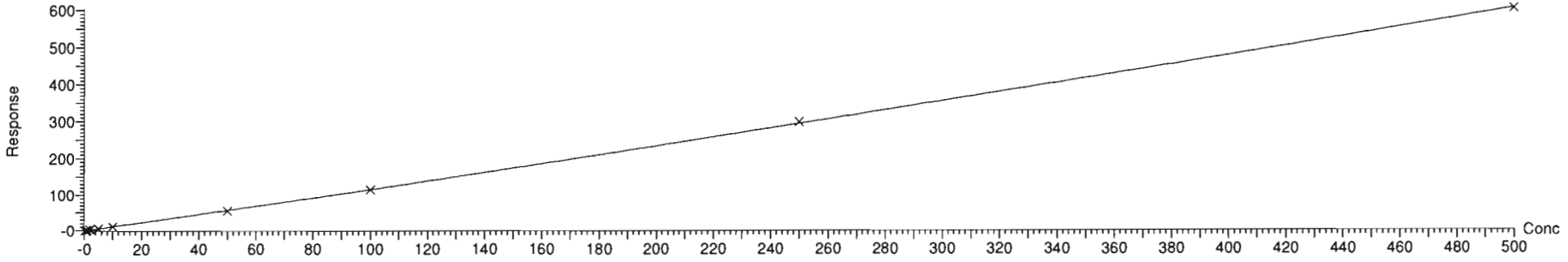
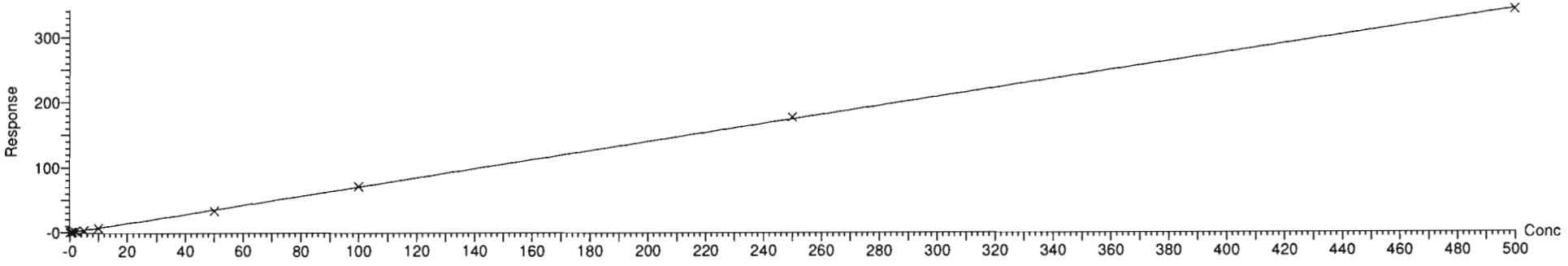
Compound name: PFNA
Coefficient of Determination: R^2 = 0.999884
Calibration curve: 0.000143576 * x^2 + 1.13915 * x + -0.0282595
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999594
Calibration curve: -4.27384e-005 * x^2 + 0.708274 * x + -0.0203261
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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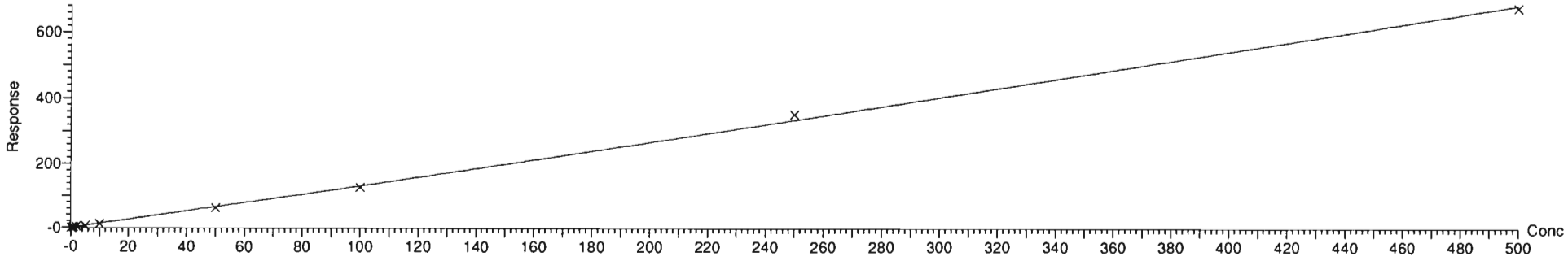
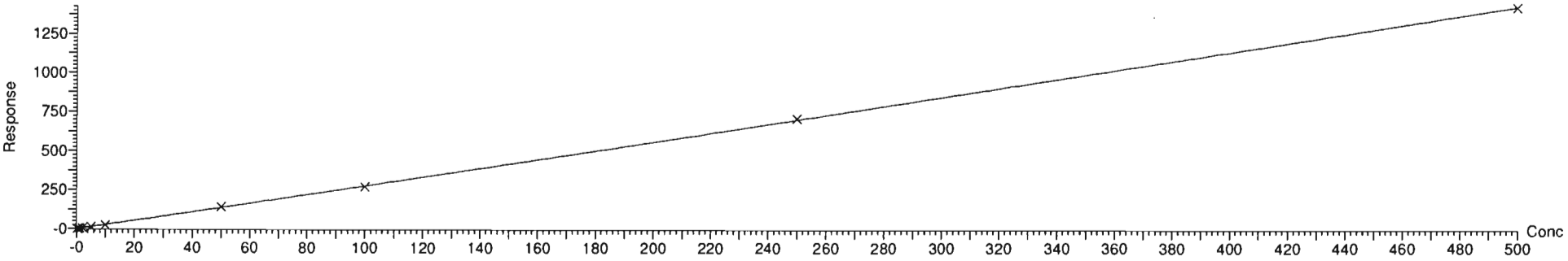
Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998763
Calibration curve: 0.000103491 * x^2 + 1.31313 * x + -0.0699824
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999654
Calibration curve: 0.000182949 * x^2 + 2.76352 * x + -0.261454
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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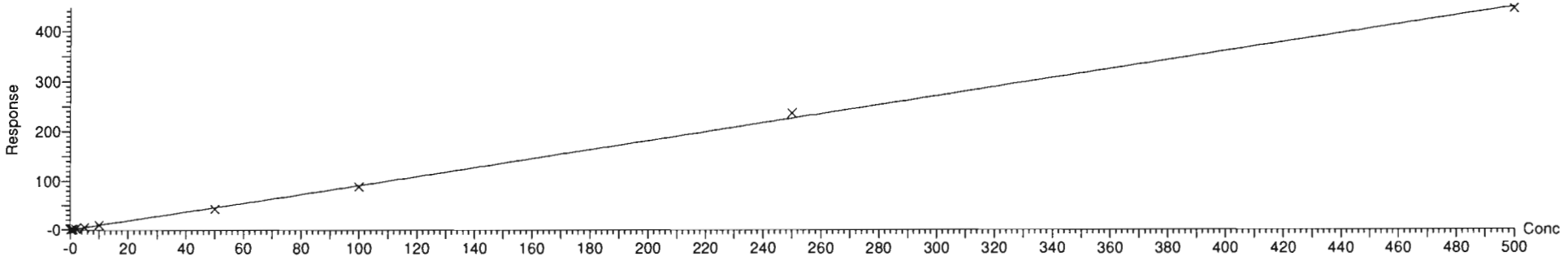
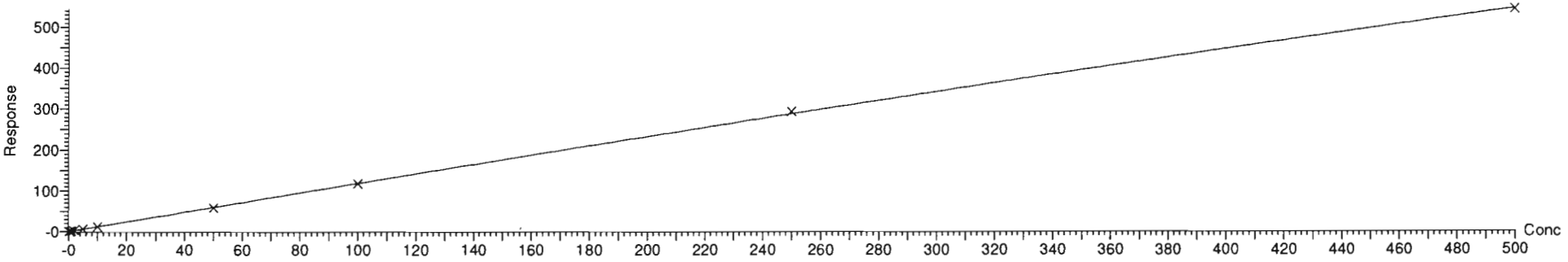
Compound name: PFDA
Coefficient of Determination: R^2 = 0.999052
Calibration curve: -3.71093e-005 * x^2 + 0.915441 * x + 0.00268649
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999765
Calibration curve: -0.000236911 * x^2 + 1.20934 * x + -0.0818092
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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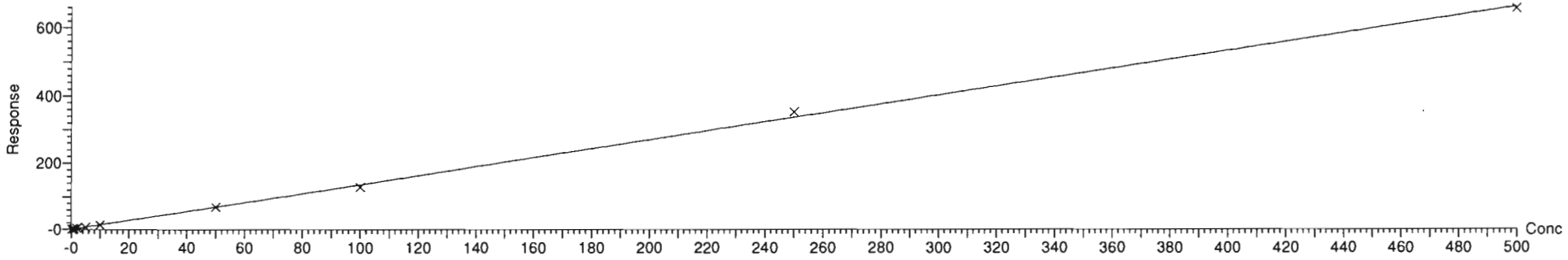
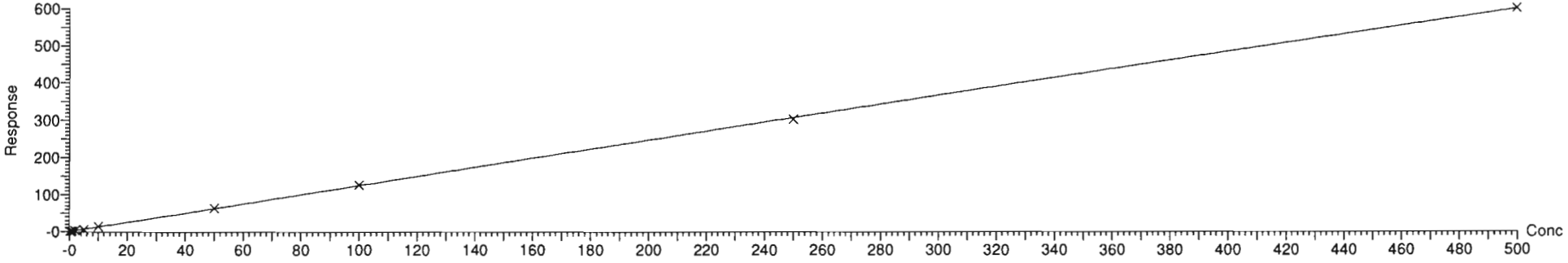
Compound name: PFNS
Coefficient of Determination: R^2 = 0.998863
Calibration curve: -7.96218e-005 * x^2 + 1.36465 * x + -0.0506722
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999837
Calibration curve: -0.000118074 * x^2 + 1.25876 * x + -0.0570803
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



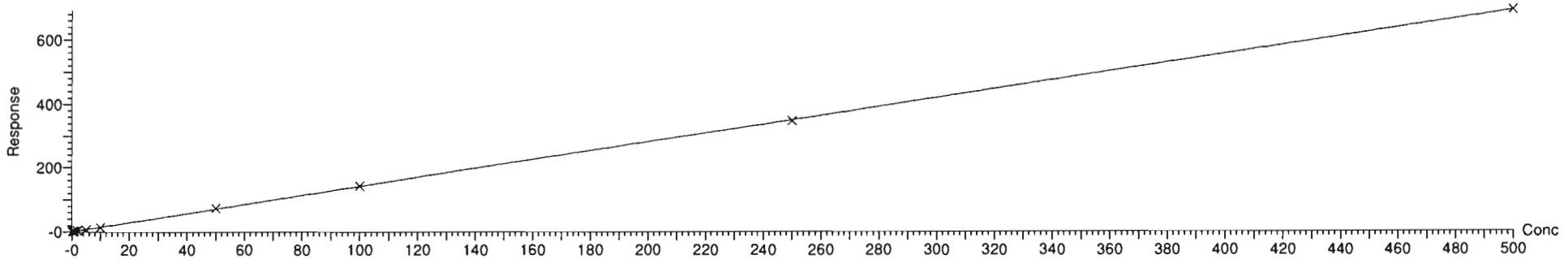
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

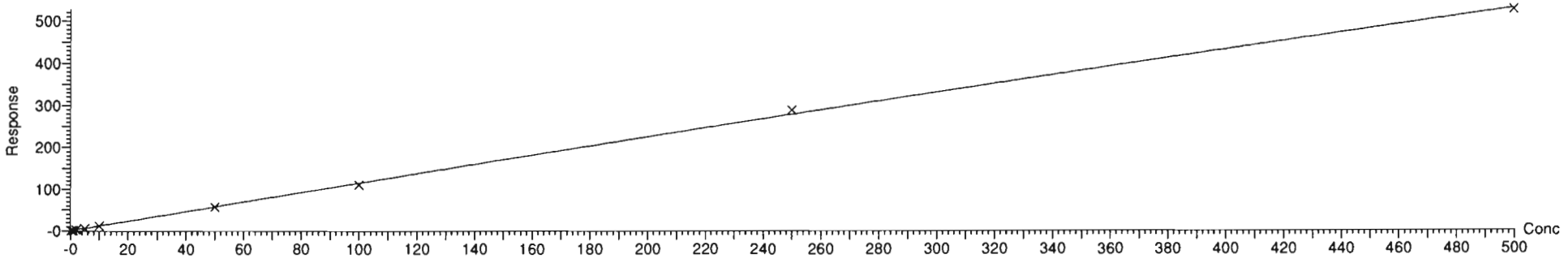
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:19 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999742
Calibration curve: -8.63373e-005 * x^2 + 1.42557 * x + -0.22052
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999331
Calibration curve: -0.00021485 * x^2 + 1.16551 * x + 0.00166679
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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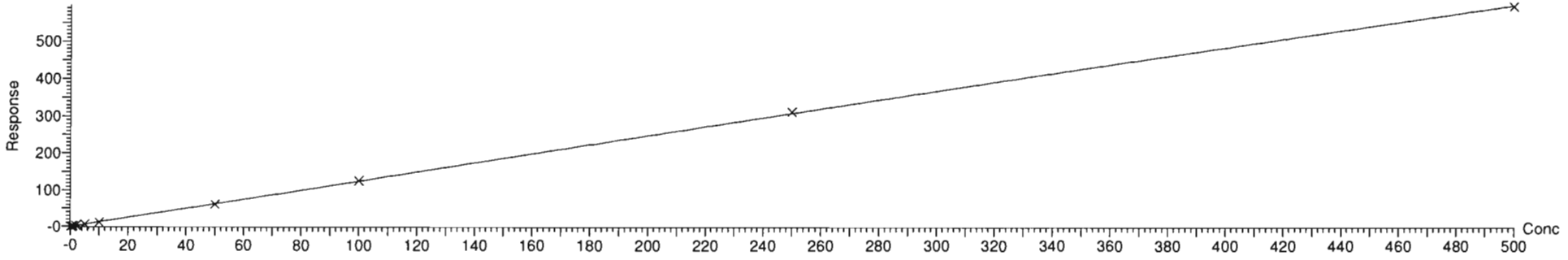
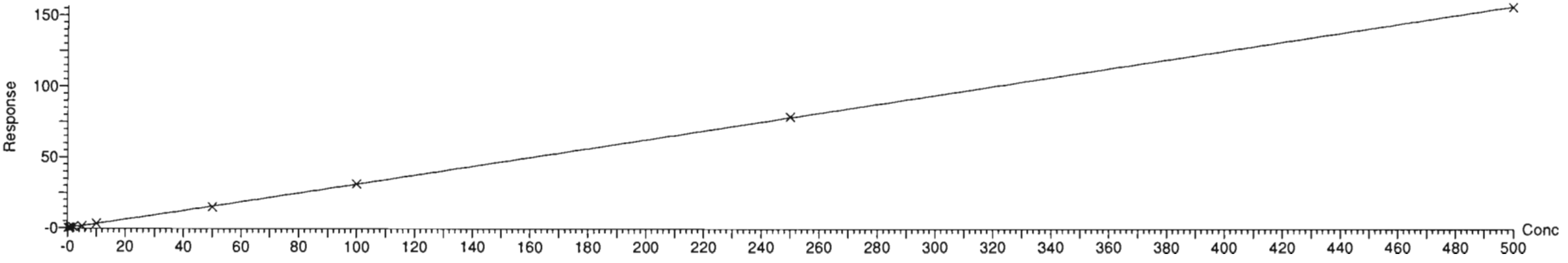
Compound name: PFDS
Coefficient of Determination: R^2 = 0.999692
Calibration curve: -0.000150519 * x^2 + 1.27321 * x + -0.0771564
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999948, r^2 = 0.999897
Calibration curve: 0.313341 * x + -0.0125697
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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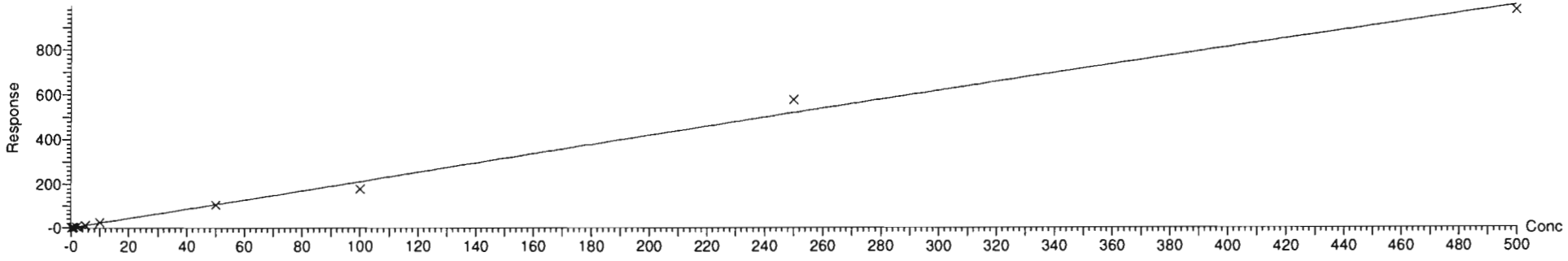
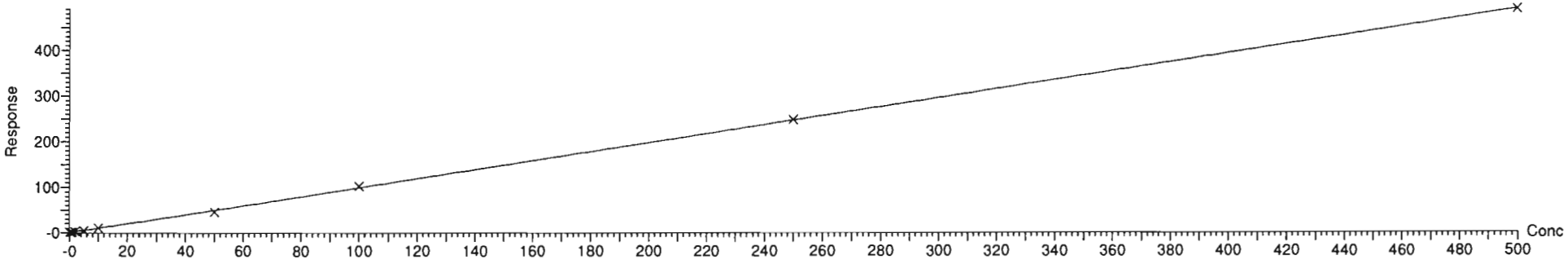
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.993080
Calibration curve: -0.00030292 * x^2 + 2.1507 * x + -0.278477
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999537
Calibration curve: -1.99757e-005 * x^2 + 0.990055 * x + 0.011365
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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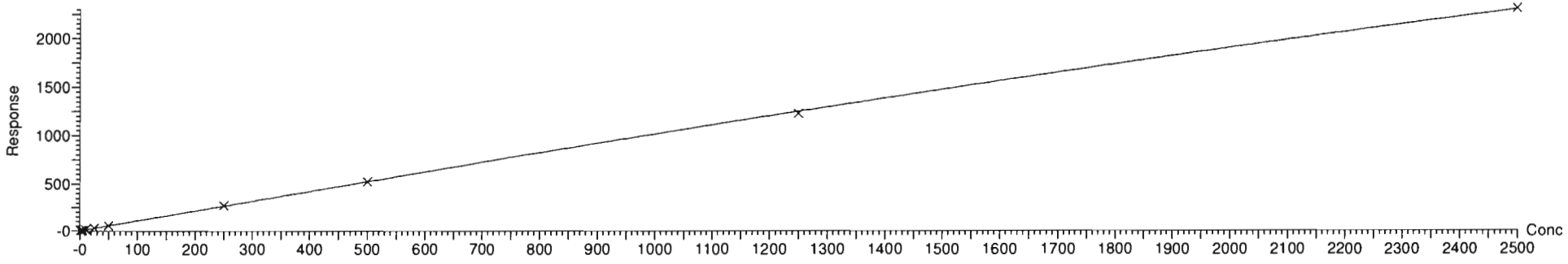
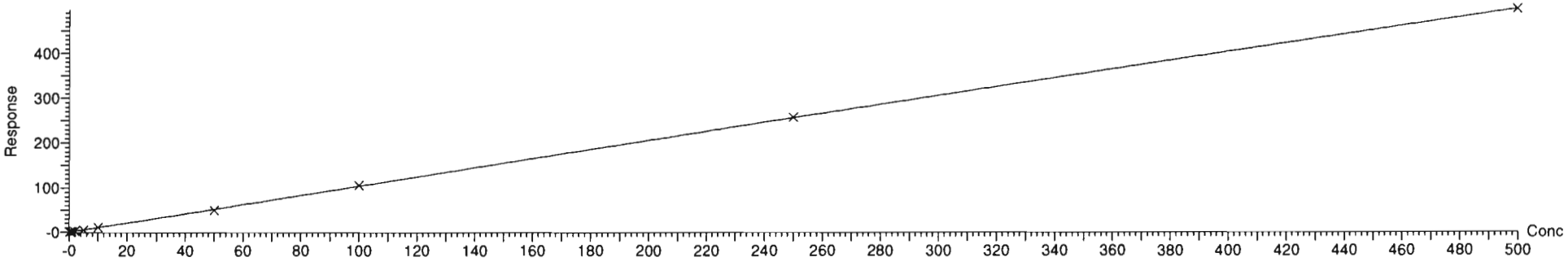
Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999721
Calibration curve: -6.38077e-005 * x^2 + 1.07923 * x + 0.142445
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999830
Calibration curve: -0.000101581 * x^2 + 1.04803 * x + 0.0224259
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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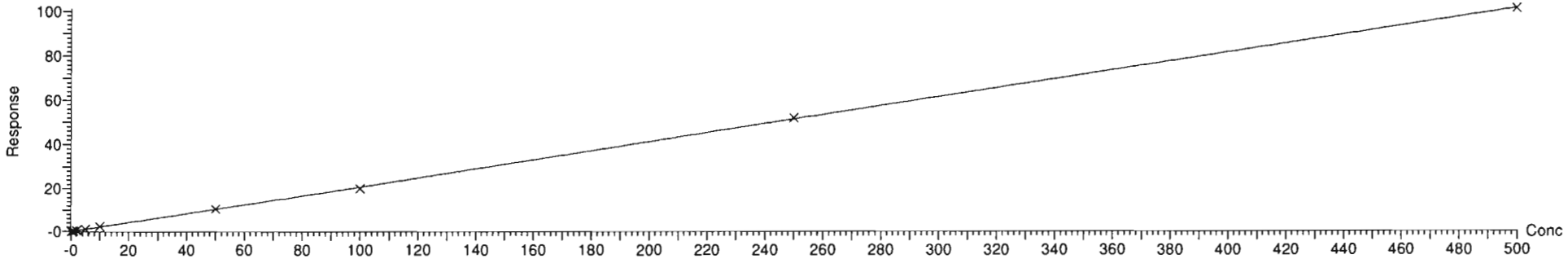
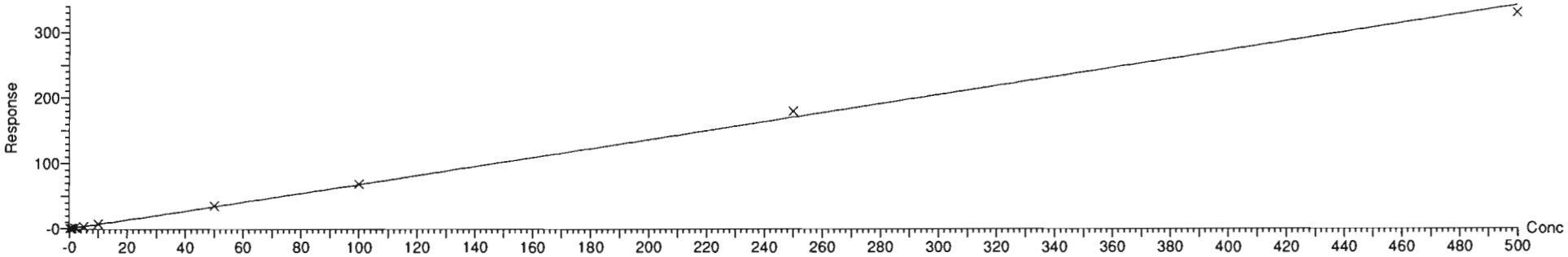
Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999702
Calibration curve: -1.19359e-005 * x^2 + 0.208544 * x + -0.0171018
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTeDA
Correlation coefficient: r = 0.999193, r^2 = 0.998387
Calibration curve: 0.681116 * x + 0.0550039
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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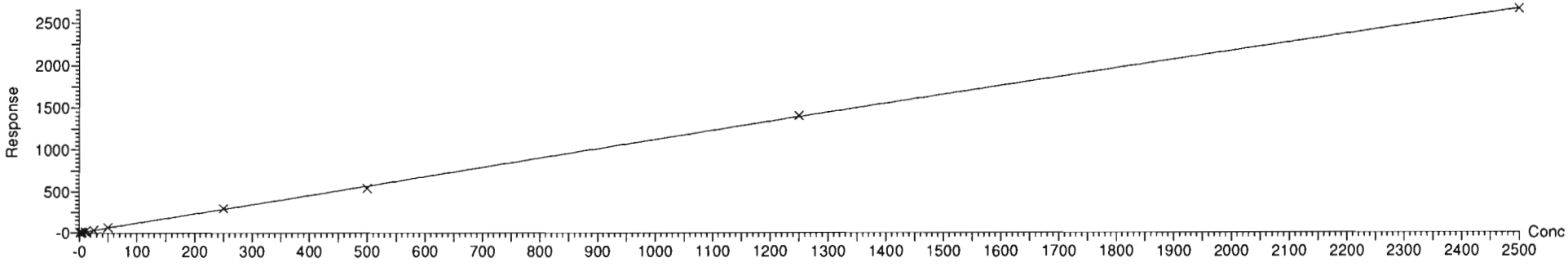
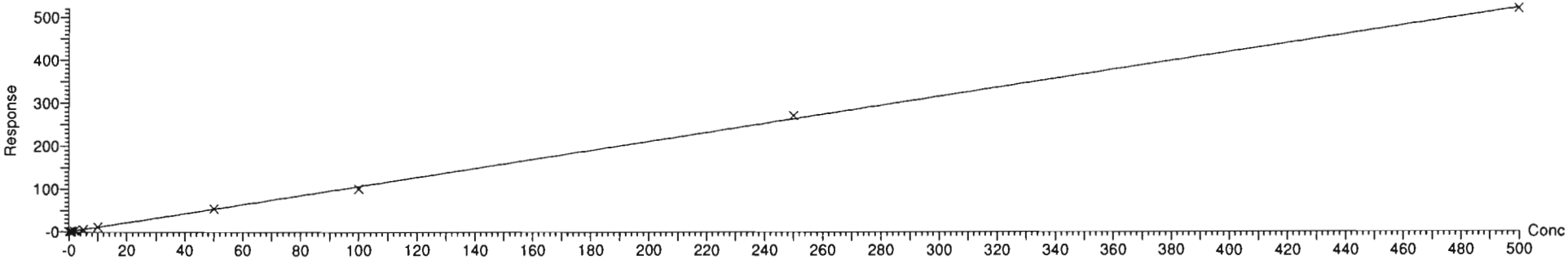
Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999559
Calibration curve: -3.58507e-005 * x^2 + 1.15682 * x + 0.406149
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



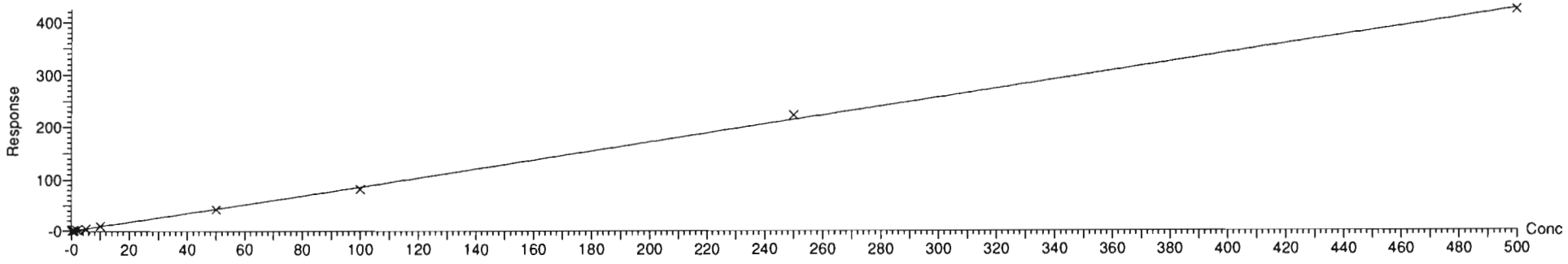
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999348
Calibration curve: -3.82793e-005 * x^2 + 1.06062 * x + 0.143336
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



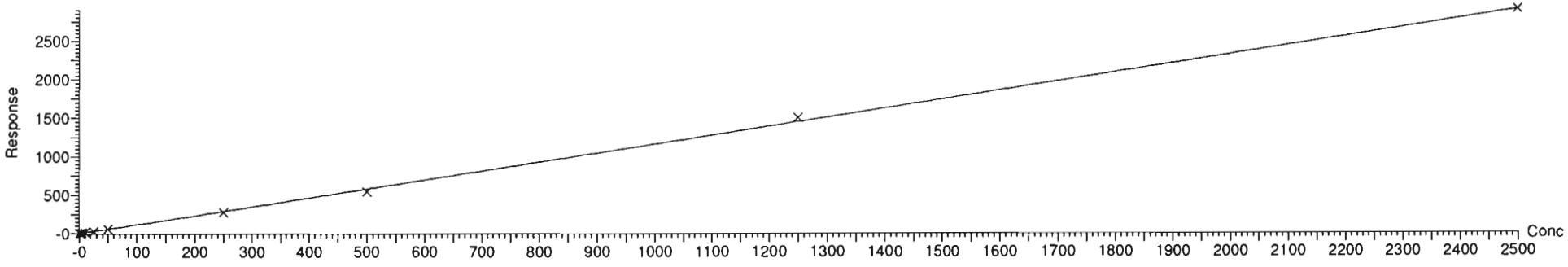
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:19 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999247
Calibration curve: -1.5588e-005 * x^2 + 0.859669 * x + -0.0173739
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



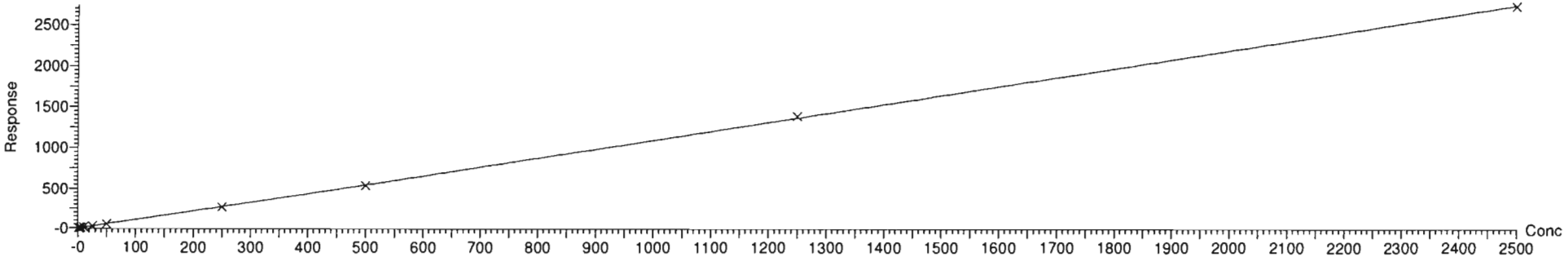
Compound name: N-MeFOSE
Correlation coefficient: r = 0.999562, r^2 = 0.999123
Calibration curve: 1.15996 * x + 0.15673
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:47:19 Pacific Daylight Time

Compound name: N-EtFOSE
Correlation coefficient: r = 0.999924, r^2 = 0.999848
Calibration curve: 1.0965 * x + 0.000447604
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



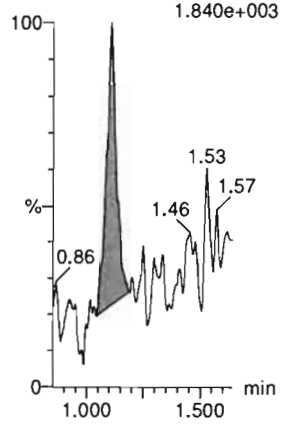
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

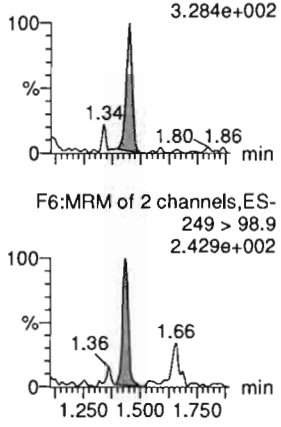
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

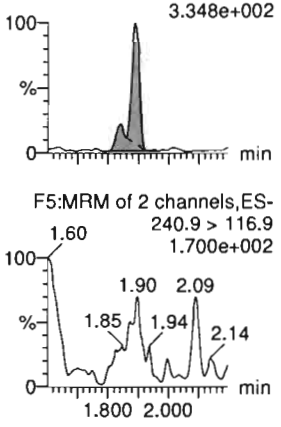
PFBA



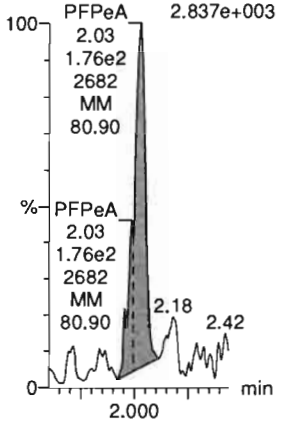
PFPrS



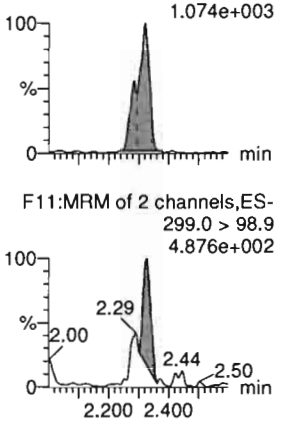
3:3 FTCA



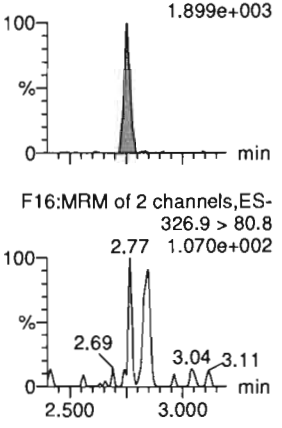
PFPeA



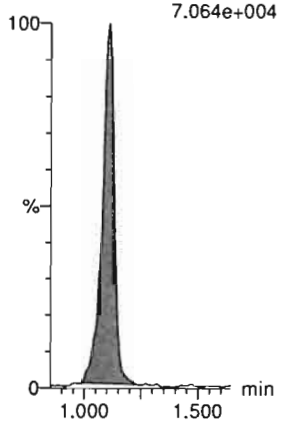
PFBS



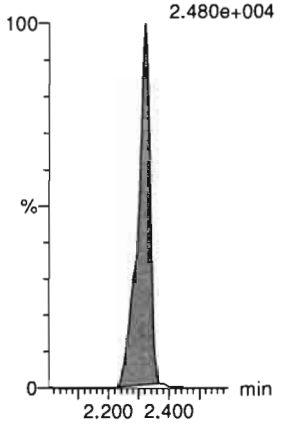
4:2 FTS



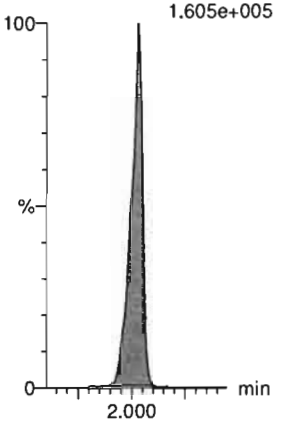
13C3-PFBA-EIS



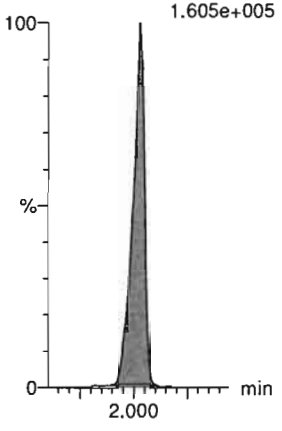
13C3-PFBS-EIS



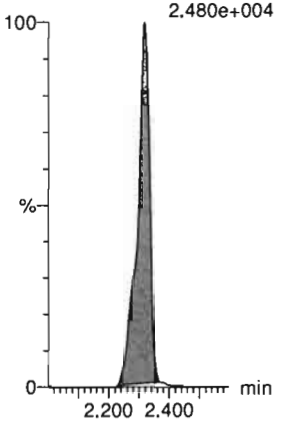
13C3-PFPeA-EIS



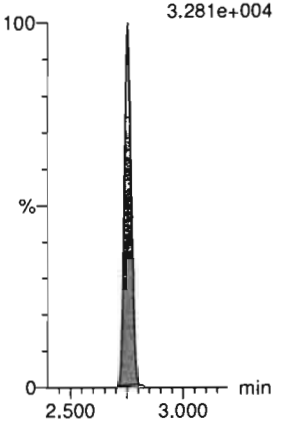
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

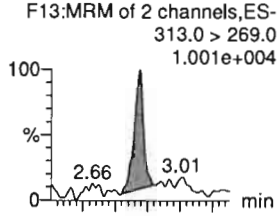


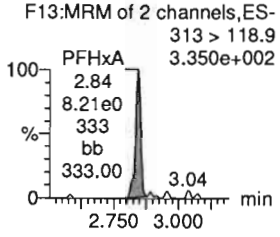
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

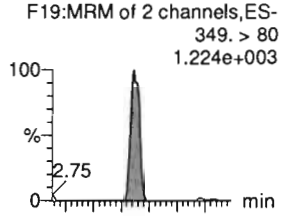
Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

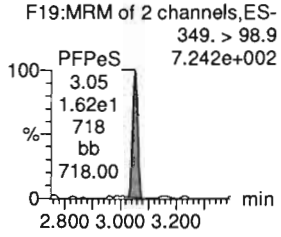
PFHxA



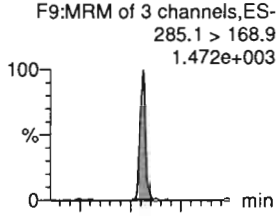


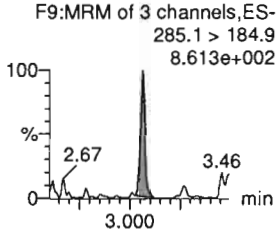
PFPeS



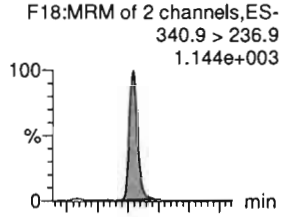


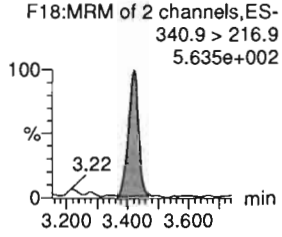
HFPO-DA



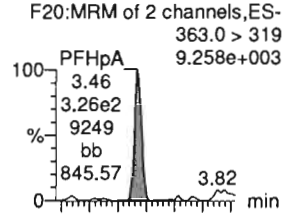


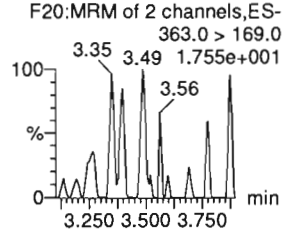
5:3 FTCA



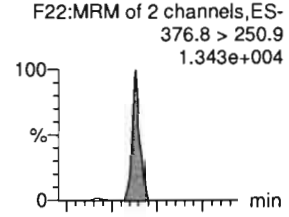


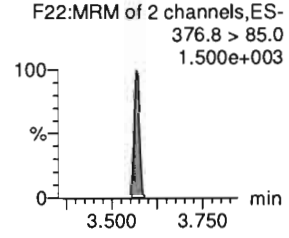
PFHpA



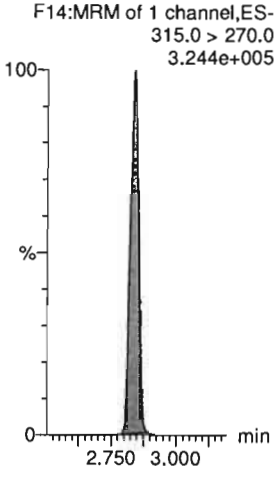


ADONA

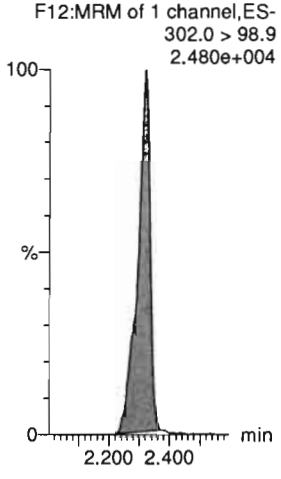




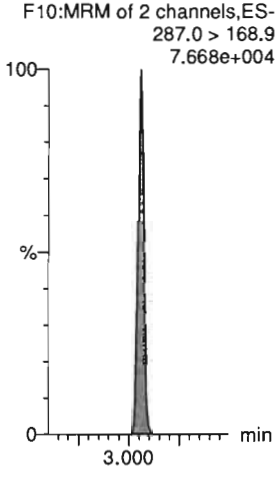
13C2-PFHxA-EIS



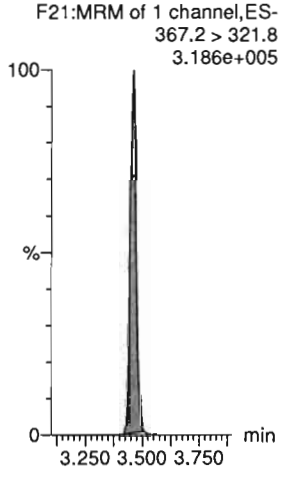
13C3-PFBS-EIS



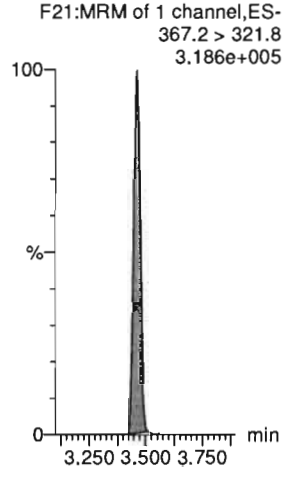
13C3-HFPO-DA-EIS



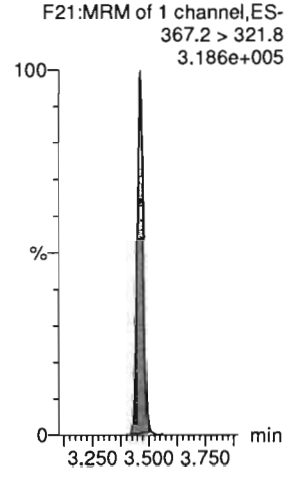
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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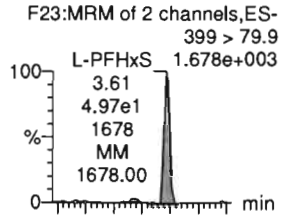
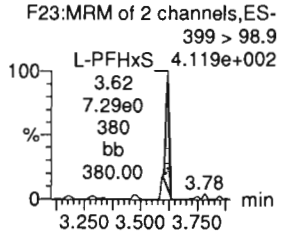
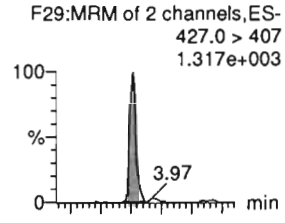
Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

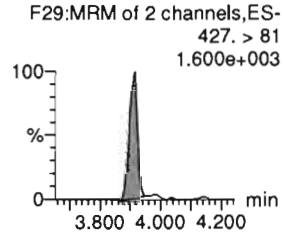
L-PFHxS



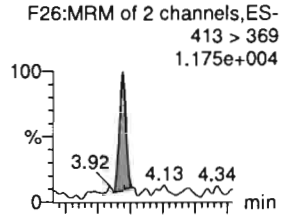


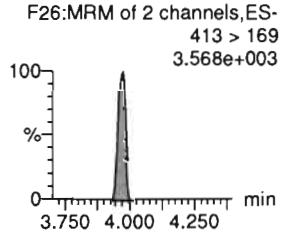
6:2 FTS



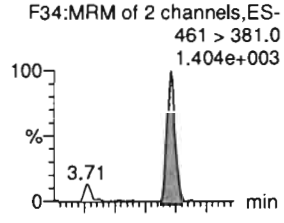


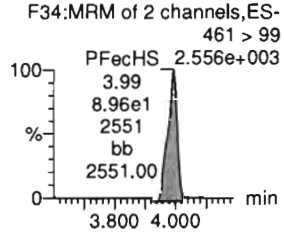
L-PFOA



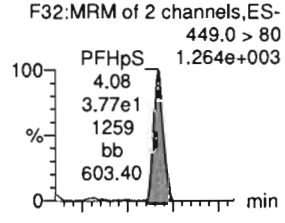


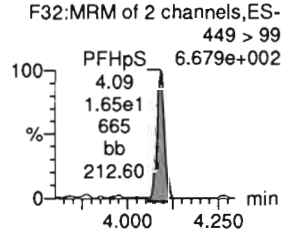
PFEChS



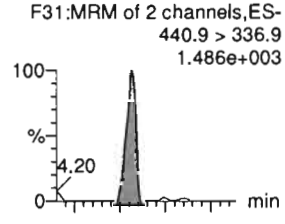


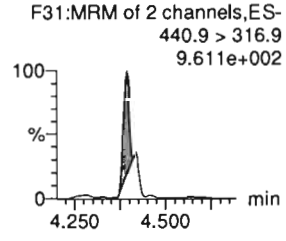
PFHpS



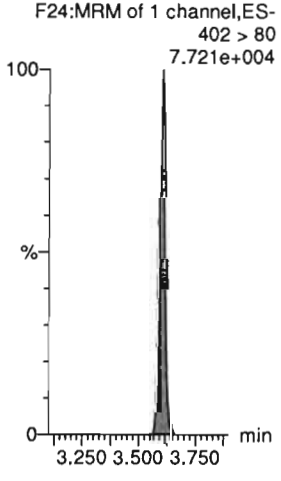


7:3 FTCA

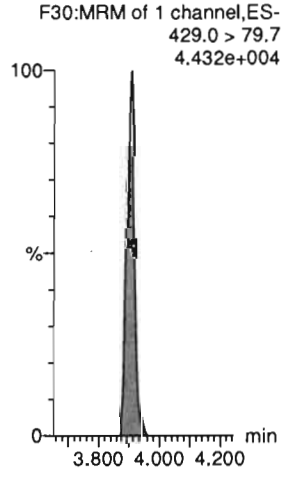




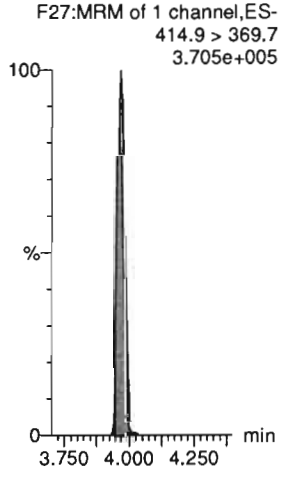
13C3-PFHxS-EIS



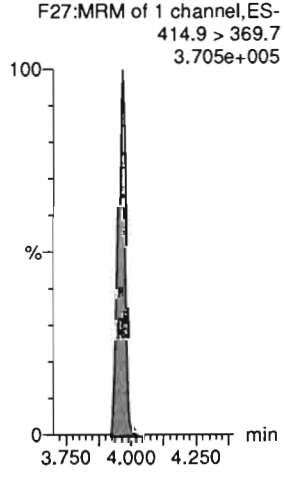
13C2-6:2 FTS-EIS



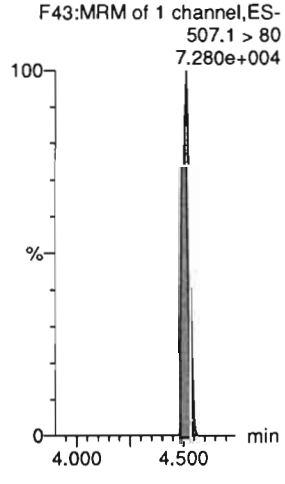
13C2-PFOA-EIS



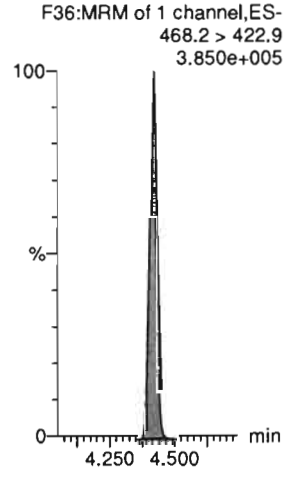
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

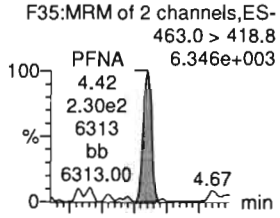


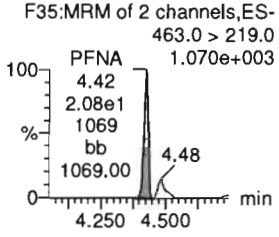
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFNA





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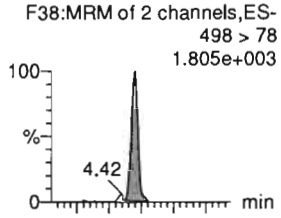
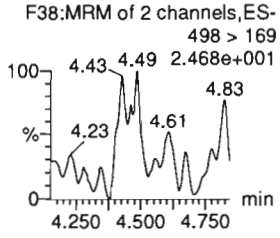
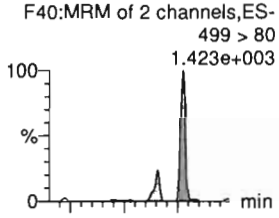
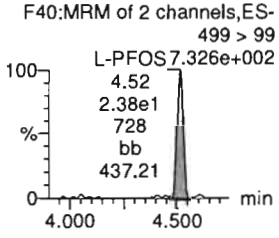


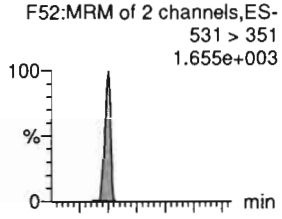


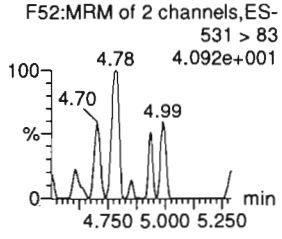
L-PFOS





9Cl-PF30NS





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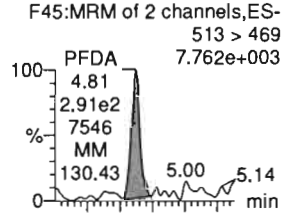
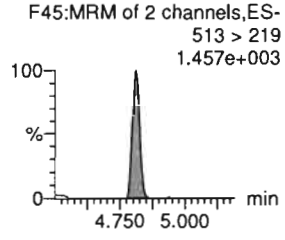
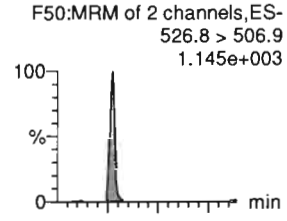
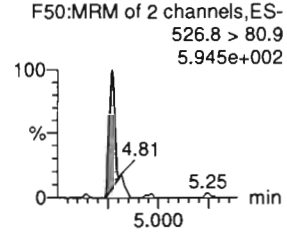


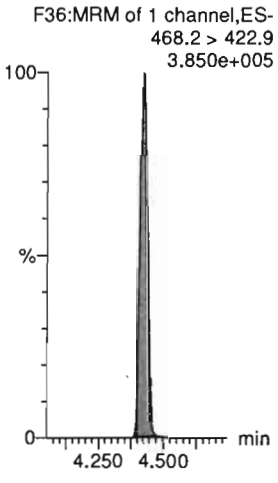


8:2 FTS

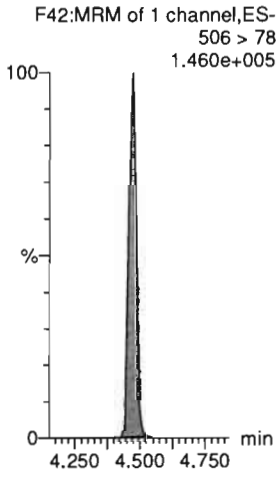




13C5-PFNA-EIS



13C8-PFOSA-EIS



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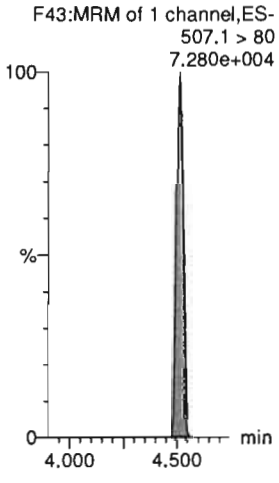

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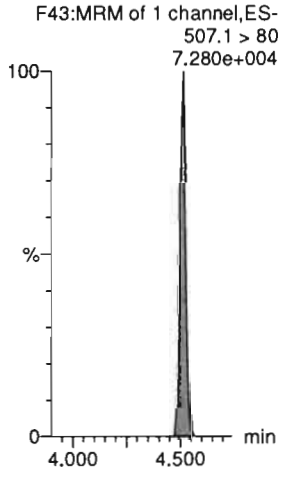

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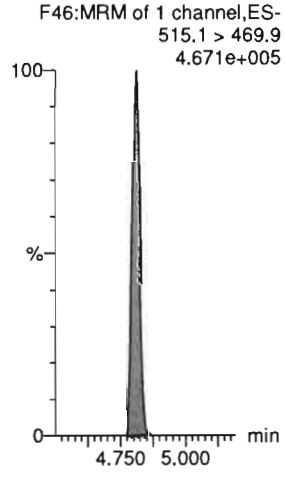
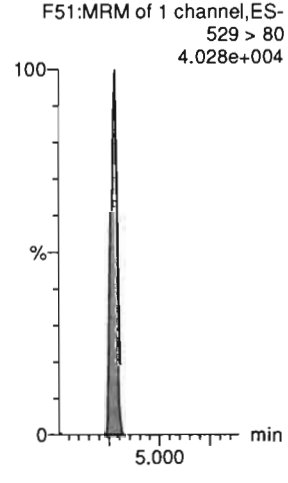


13C2-8:2 FTS-EIS

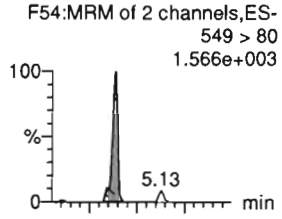


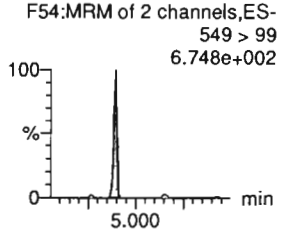
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFNS





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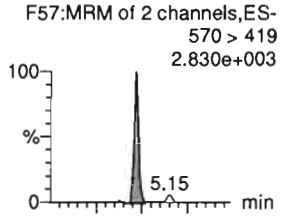

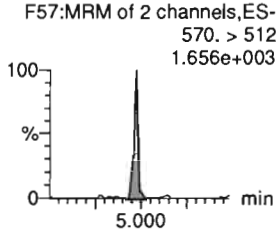

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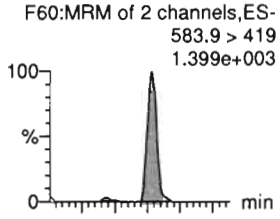

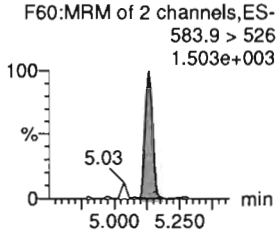

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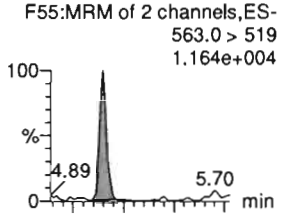

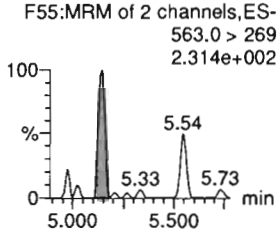

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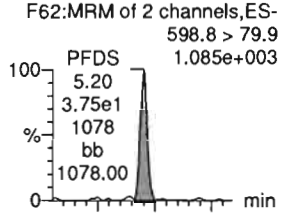

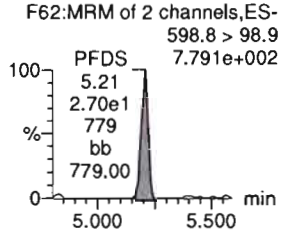

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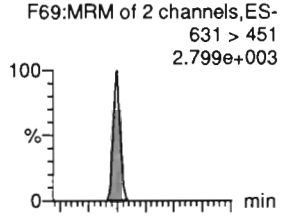
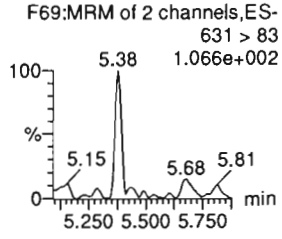
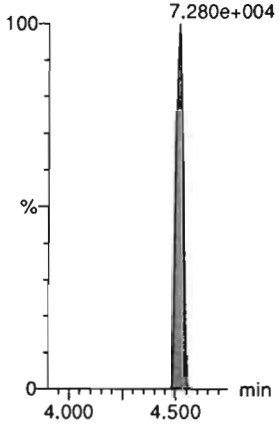




13C8-PFOS-EIS



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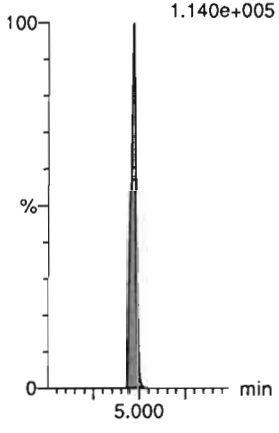

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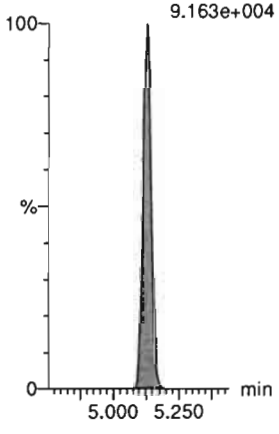

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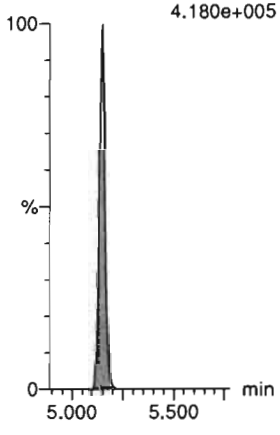

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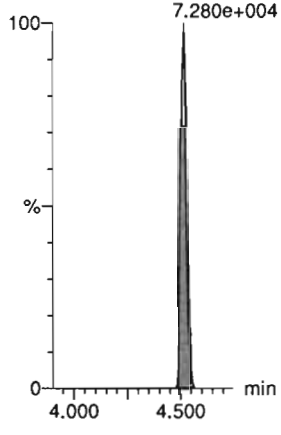

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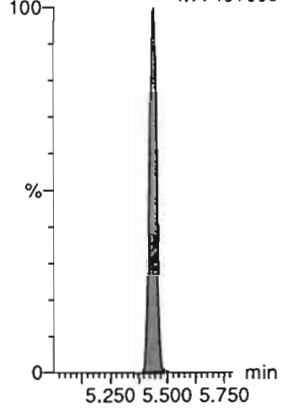

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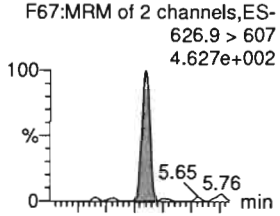
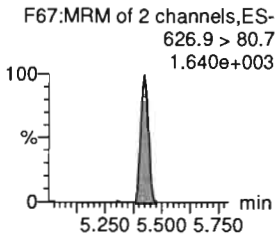
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

10:2 FTS





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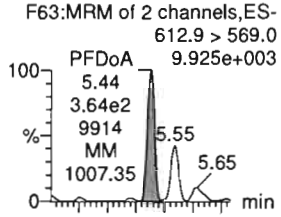
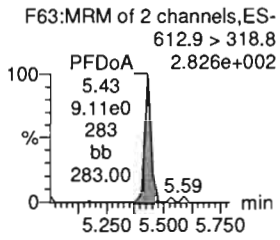
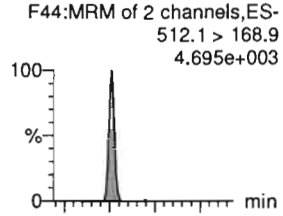
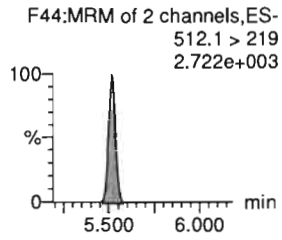




N-MeFOSA





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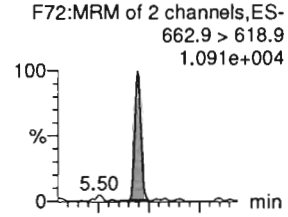
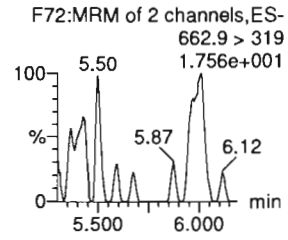
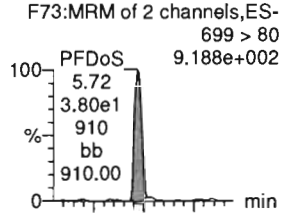
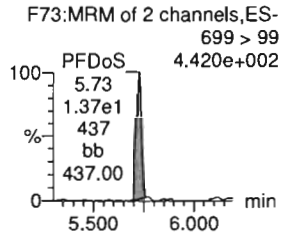




PFDoS





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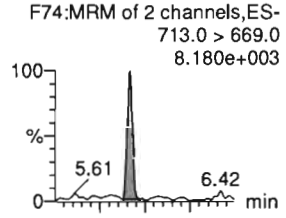
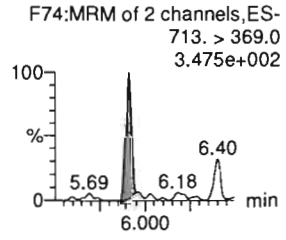
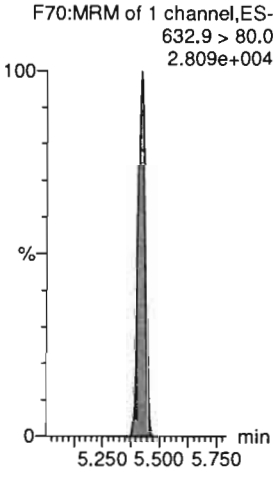
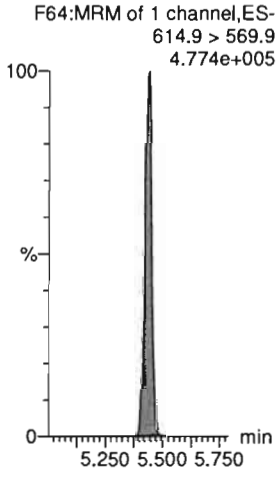




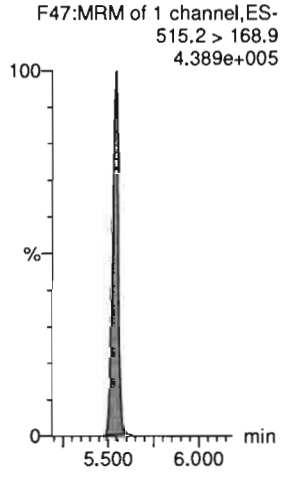
13C2-10:2 FTS-EIS



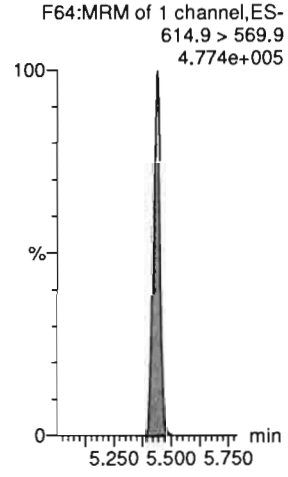
13C2-PFDoA-EIS



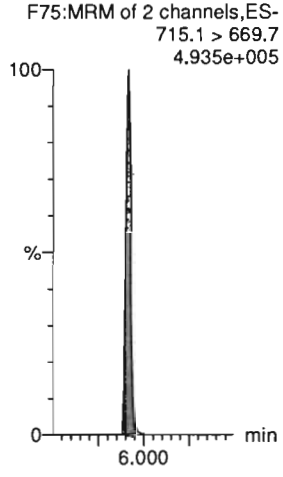
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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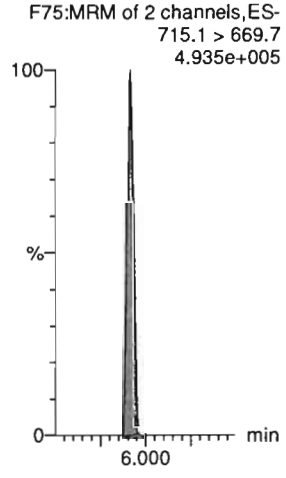

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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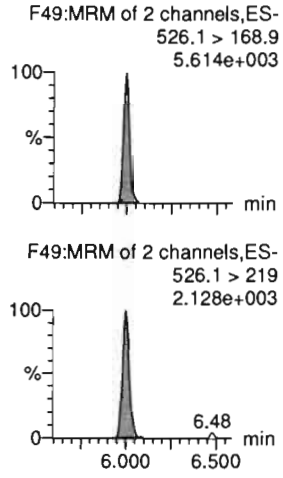
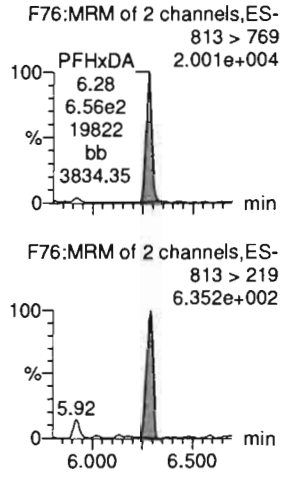
Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

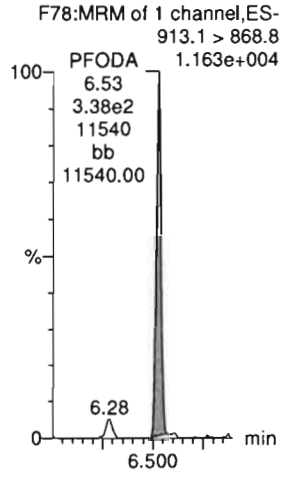
N-EtFOSA



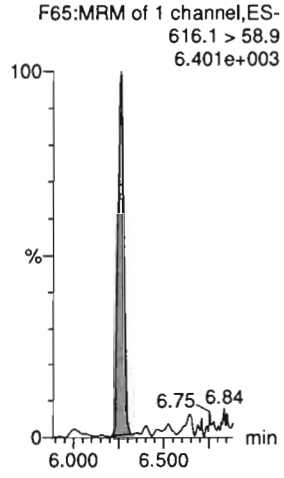
PFHxDA



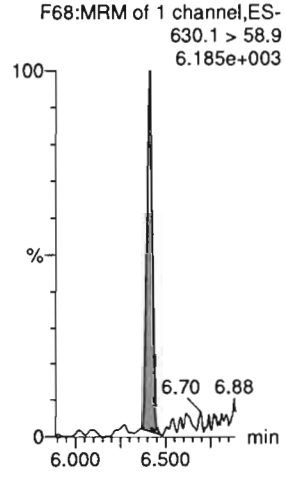
PFODA



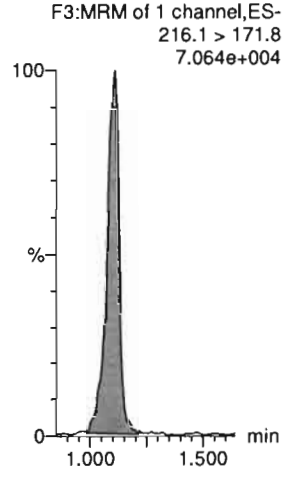
N-MeFOSE



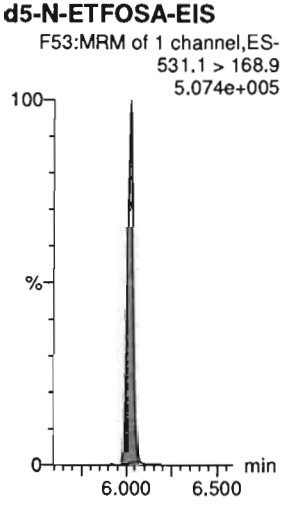
N-EtFOSE



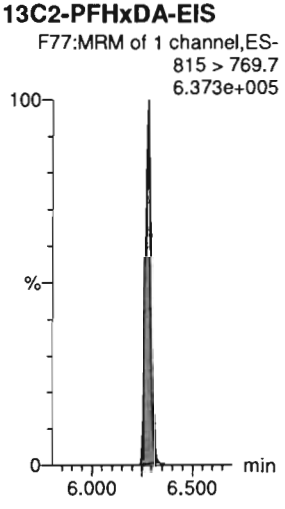
13C3-PFBA-RSD



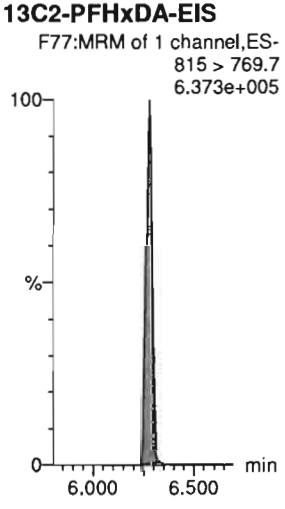
d5-N-ETFOSA-EIS



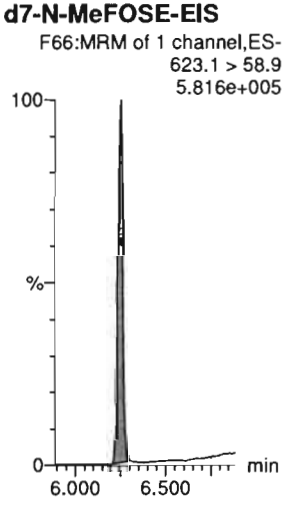
13C2-PFHxDA-EIS



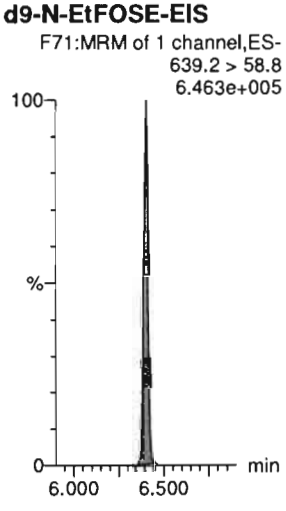
13C2-PFHxDA-EIS



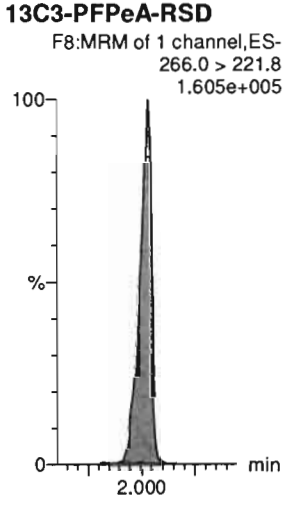
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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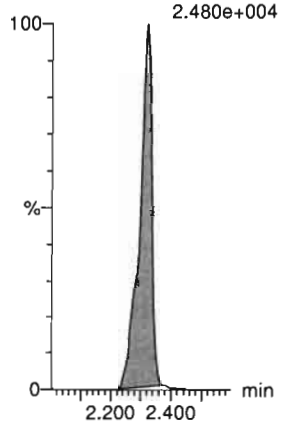
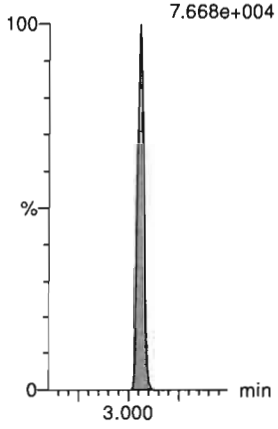
Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

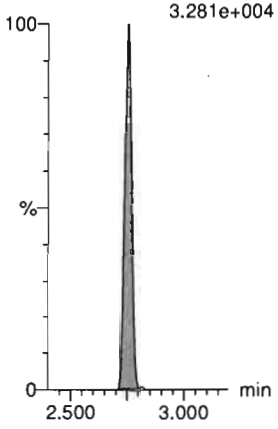
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.480e+004



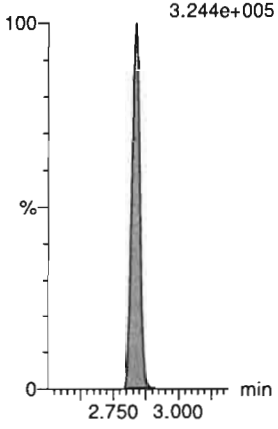
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.668e+004



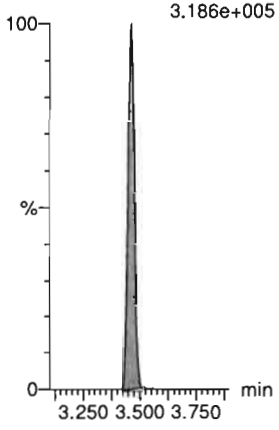
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.281e+004



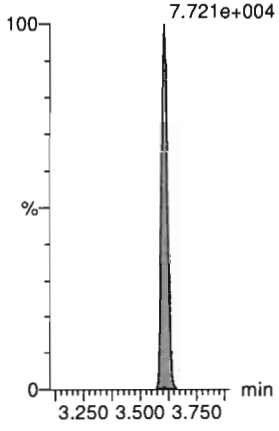
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.244e+005



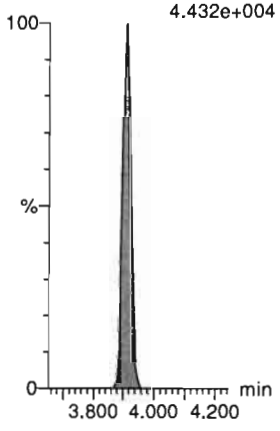
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.186e+005



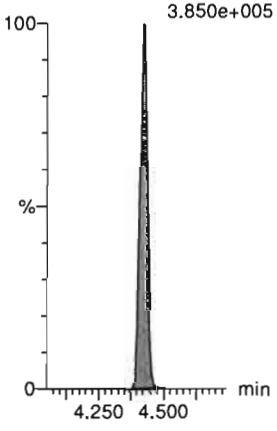
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.721e+004



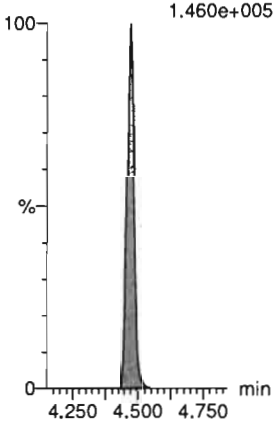
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.432e+004



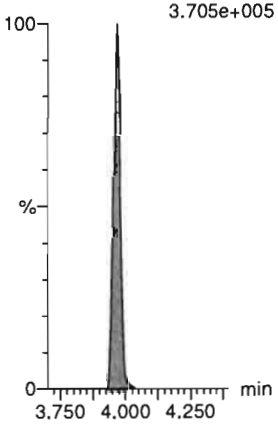
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.850e+005



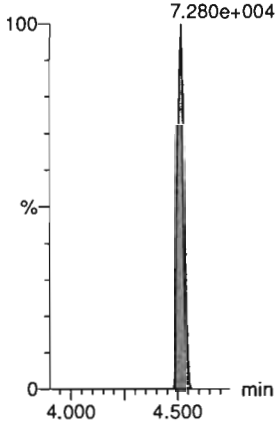
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.460e+005



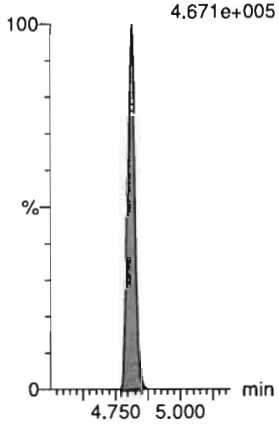
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.705e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.280e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.671e+005



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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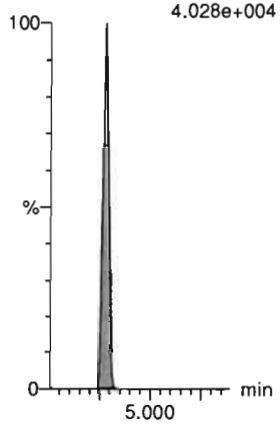
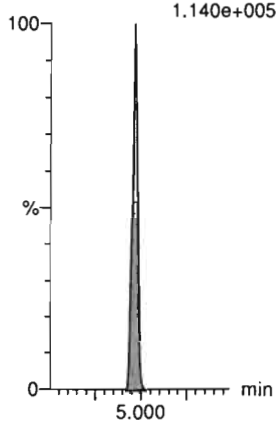
Name: 200629P1-4, Date: 29-Jun-2020, Time: 11:38:03, ID: ST200629P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

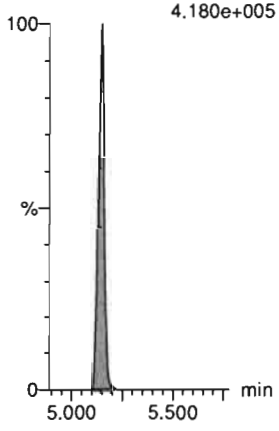
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.028e+004



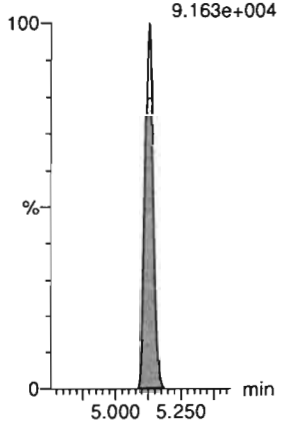
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.140e+005



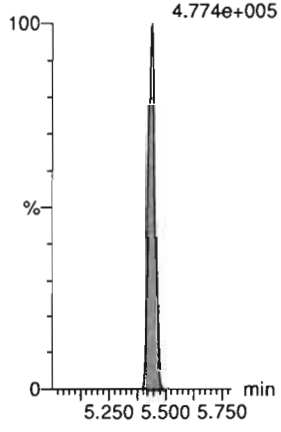
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.180e+005



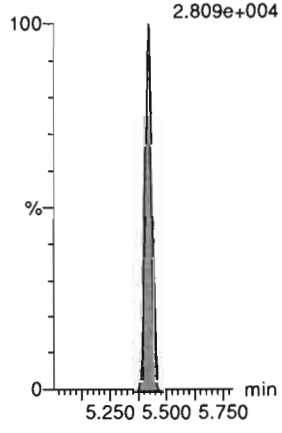
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
9.163e+004



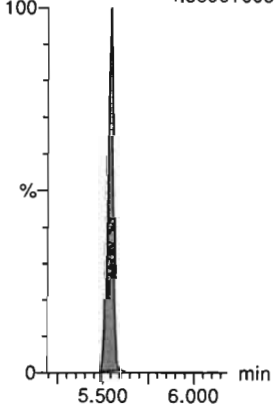
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.774e+005



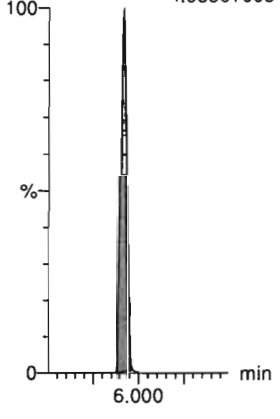
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.809e+004



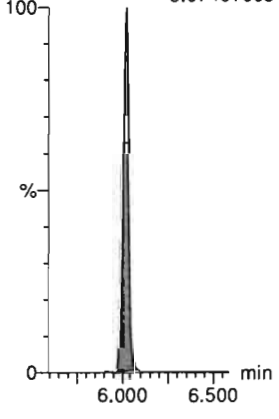
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.389e+005



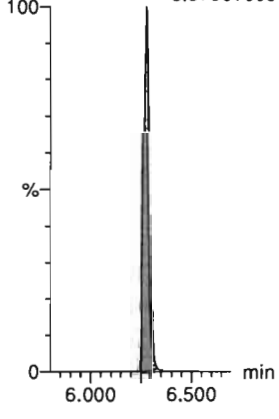
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.935e+005



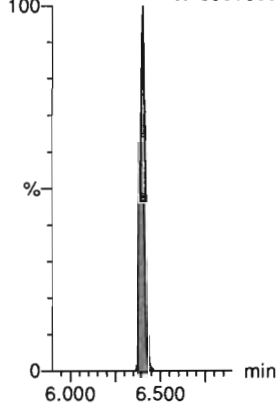
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.074e+005



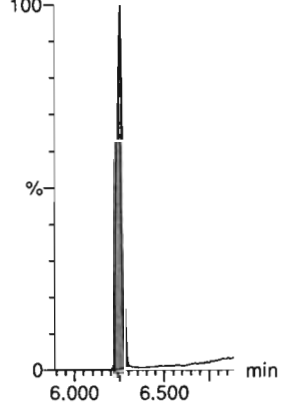
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.373e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.463e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.816e+005



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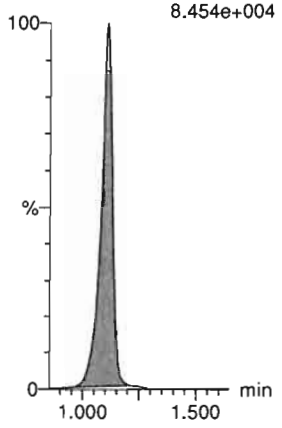
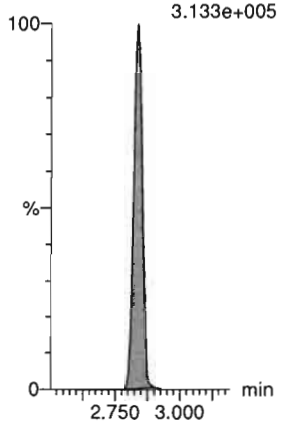
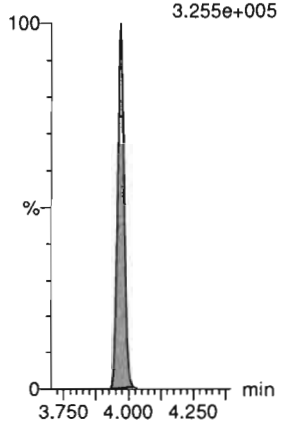
13C4-PFBA



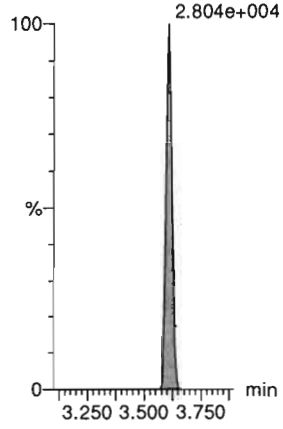
13C5-PFHxA



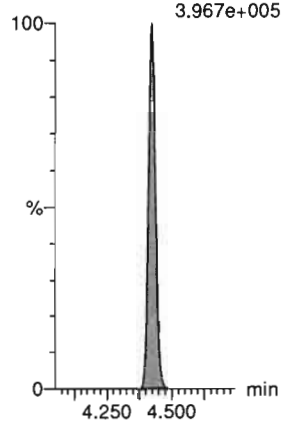
13C8-PFOA



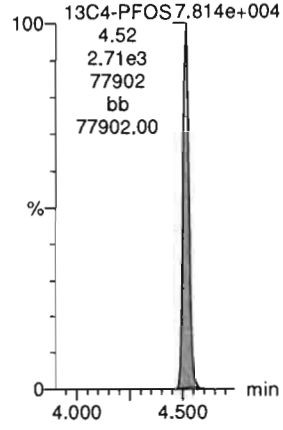
18O2-PFHxS



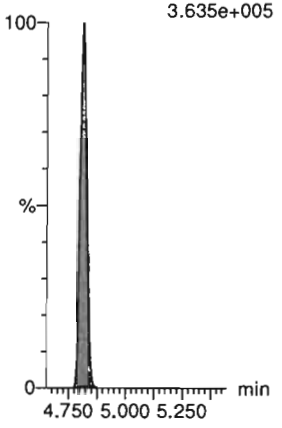
13C9-PFNA



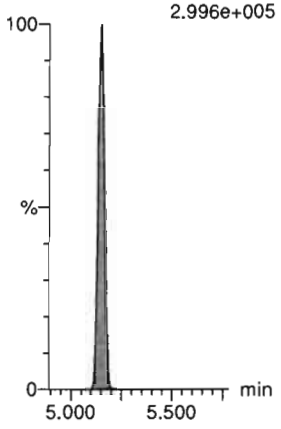
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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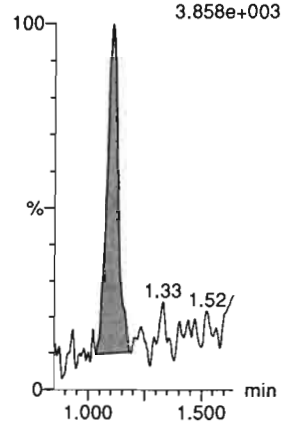
Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFBA



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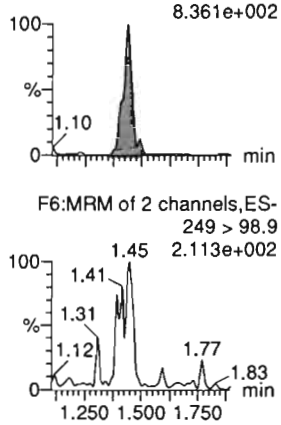
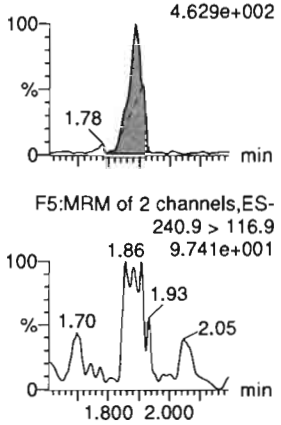


3:3 FTCA



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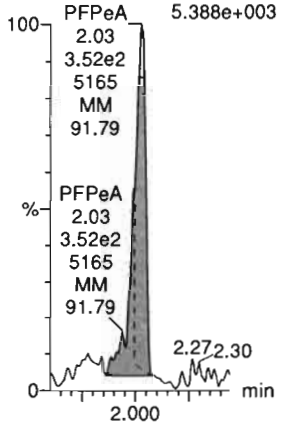
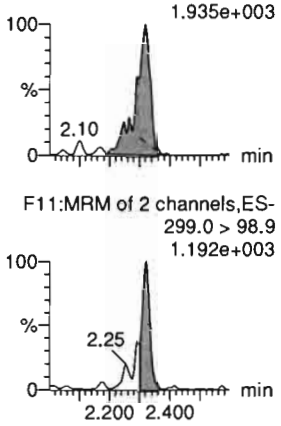
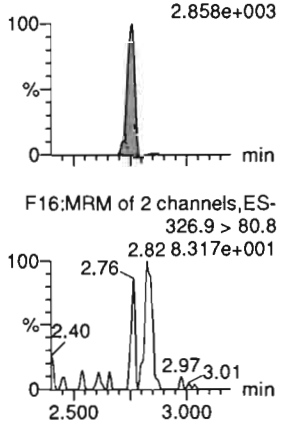


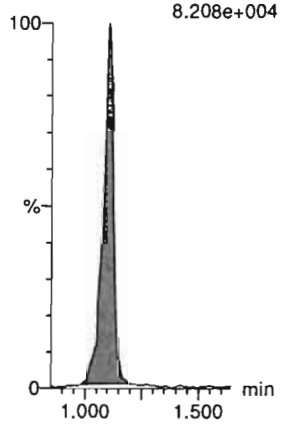
PFBS



4:2 FTS



13C3-PFBA-EIS



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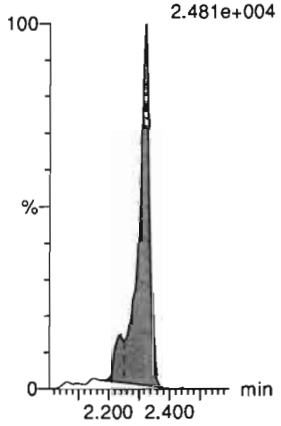

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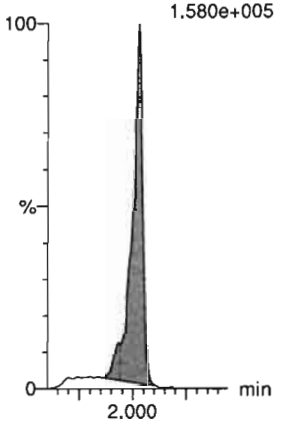

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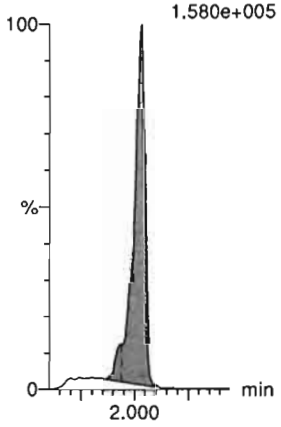

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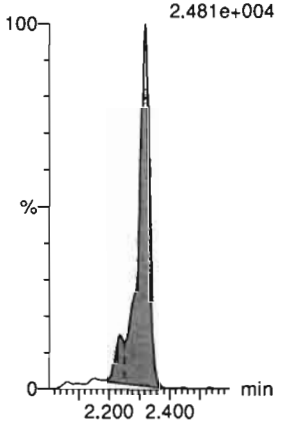
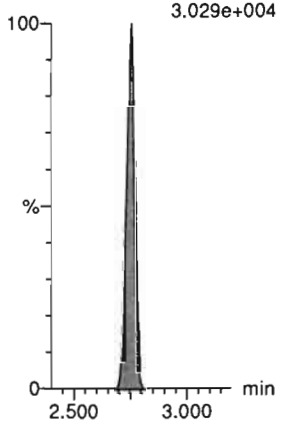


13C2-4:2 FTS-EIS



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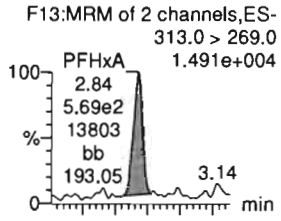
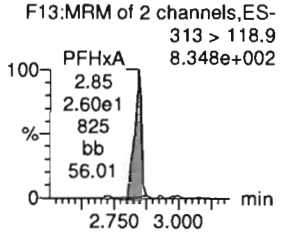
Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFHxA





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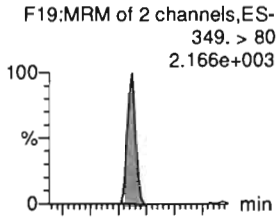

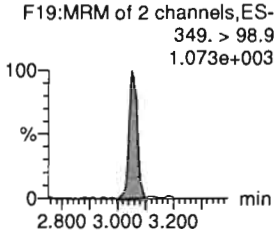

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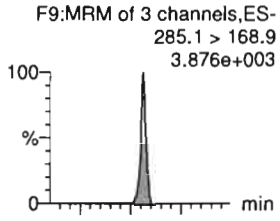
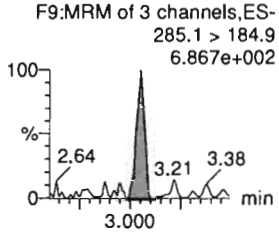
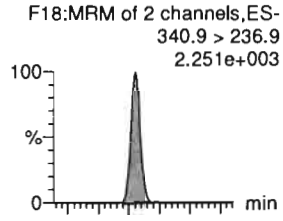
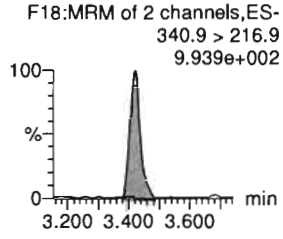




5:3 FTCA





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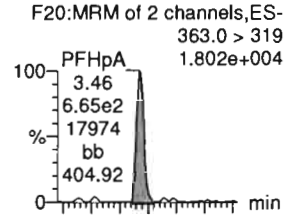

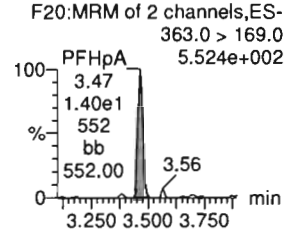

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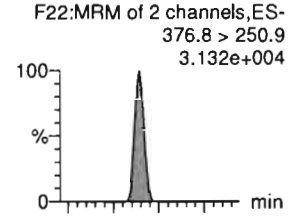

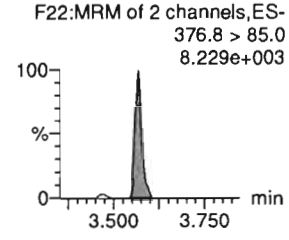

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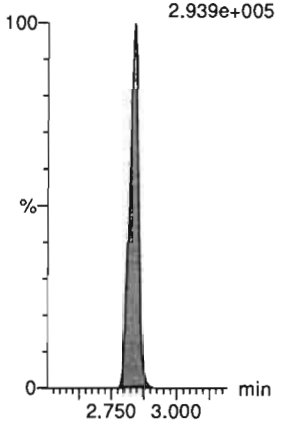
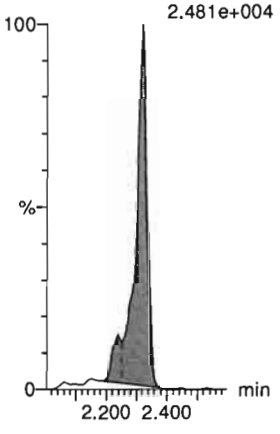
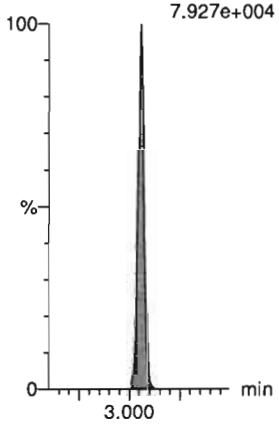


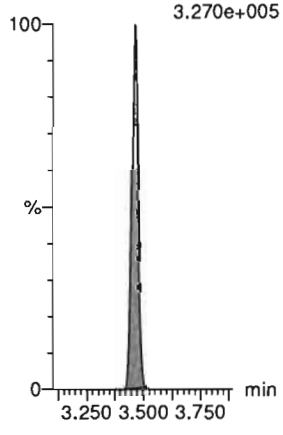
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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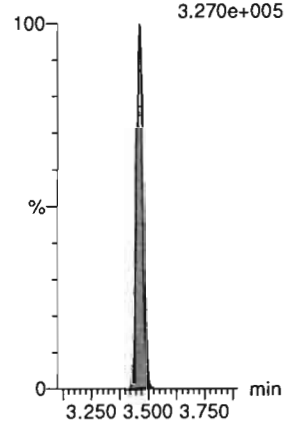

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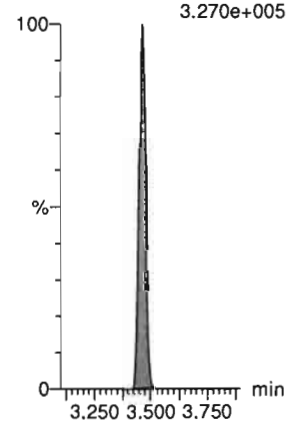

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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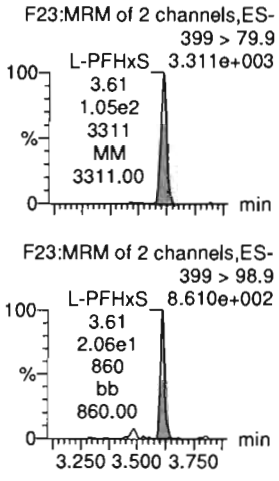
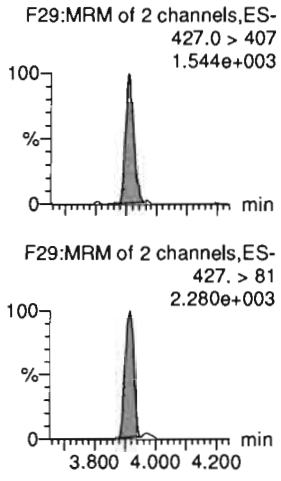
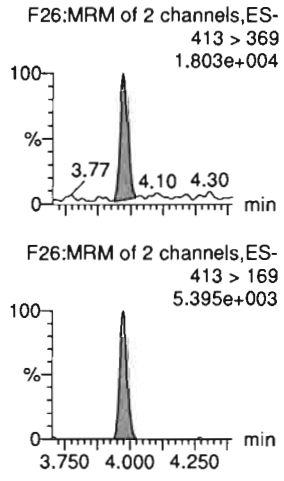
L-PFHxS



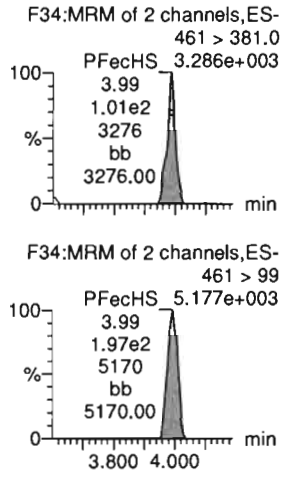
6:2 FTS



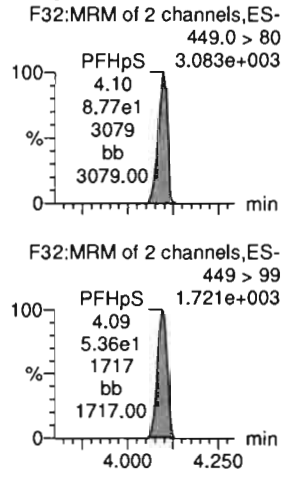
L-PFOA



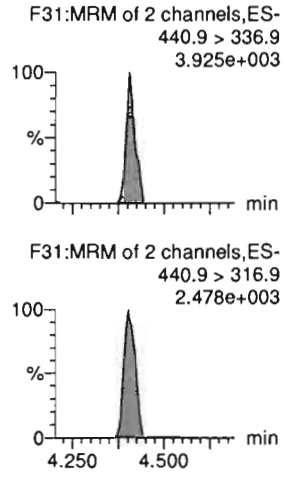
PFEChS



PFHpS



7:3 FTCA



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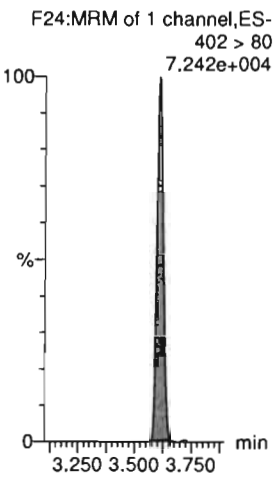
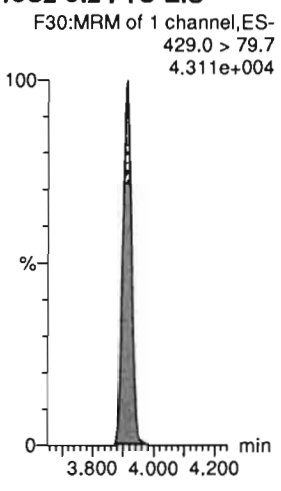
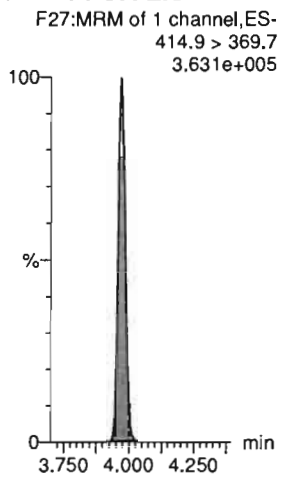


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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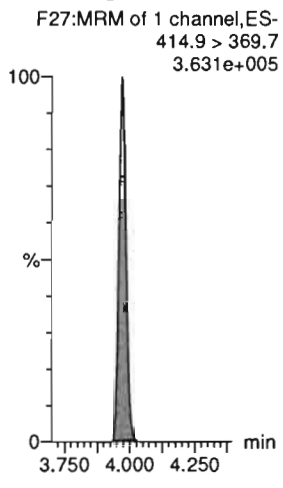
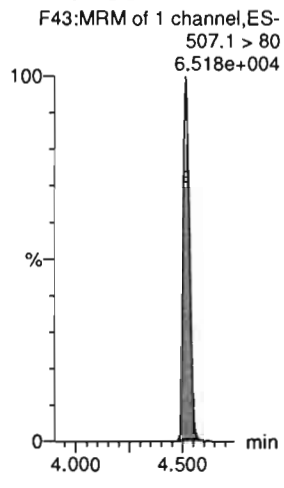
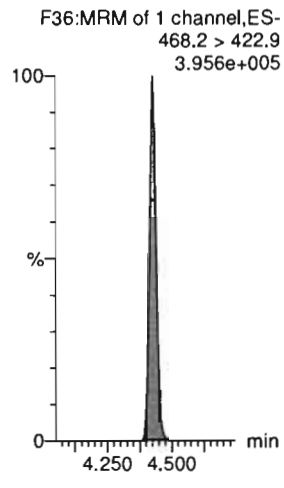


13C8-PFOS-EIS



13C5-PFNA-EIS



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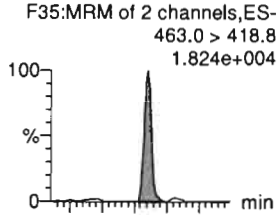
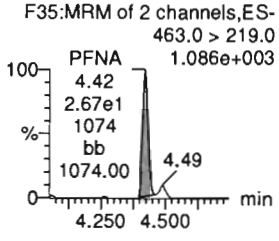
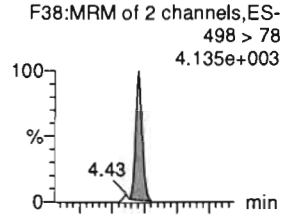
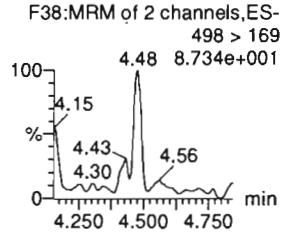
PFNA



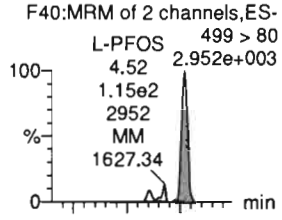


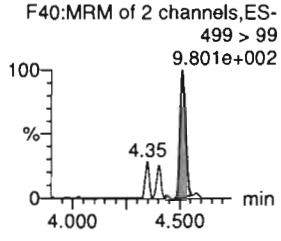
PFOSA





L-PFOS





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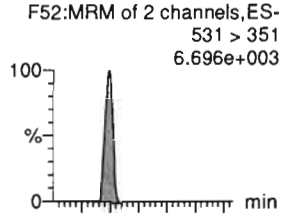

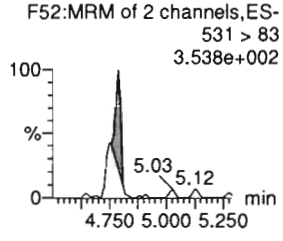

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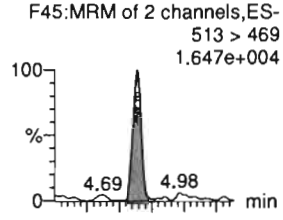
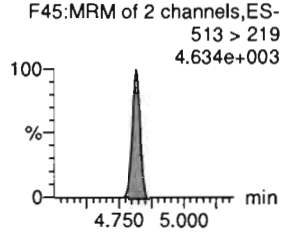
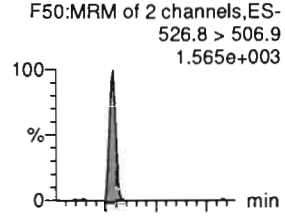
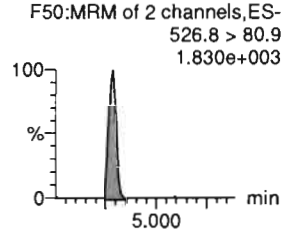


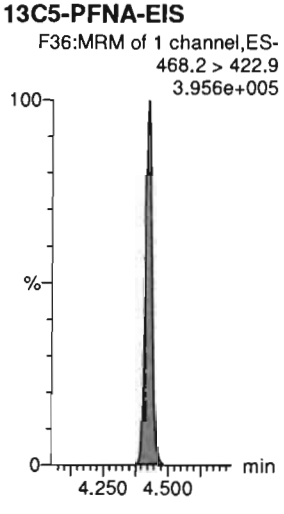


8:2 FTS

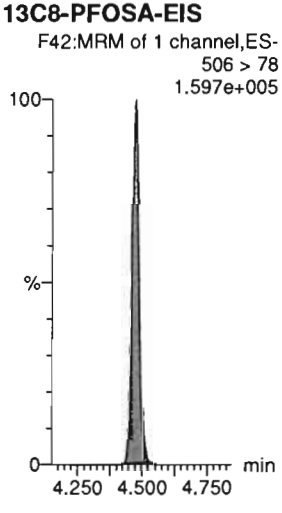




13C5-PFNA-EIS



13C8-PFOSA-EIS



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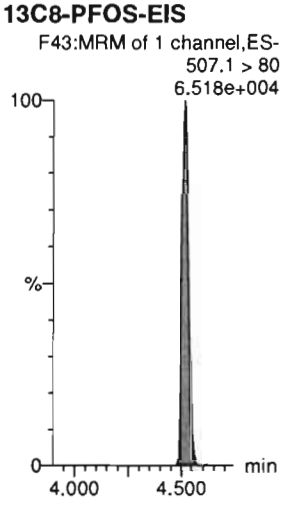

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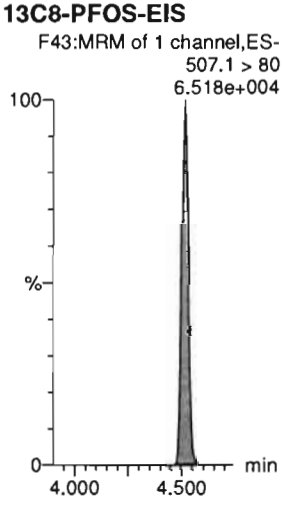

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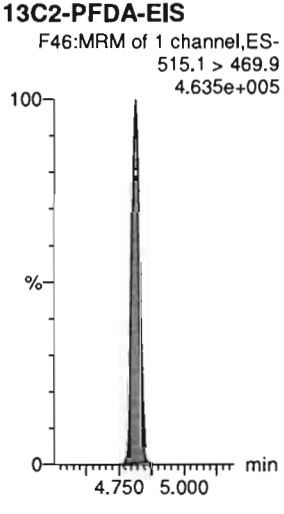
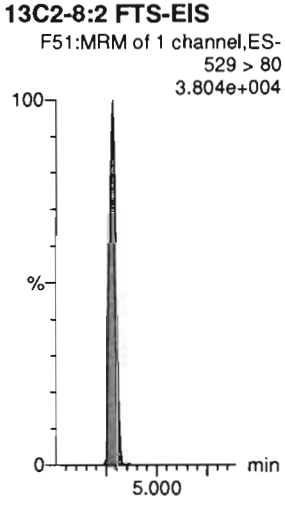


13C2-8:2 FTS-EIS



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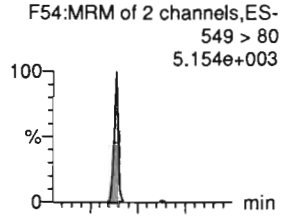
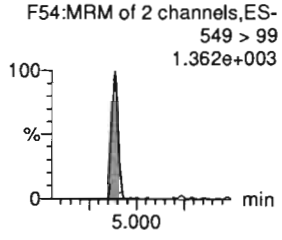
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFNS





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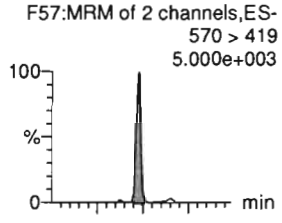

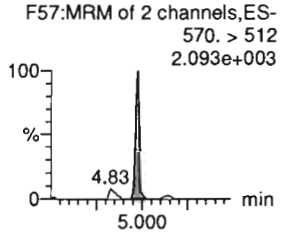

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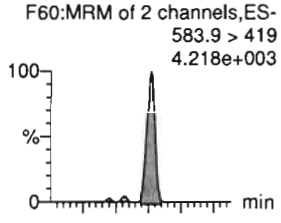
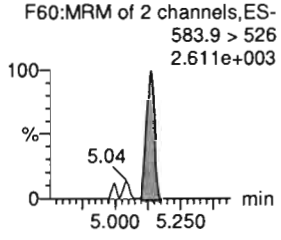
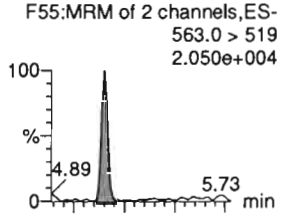
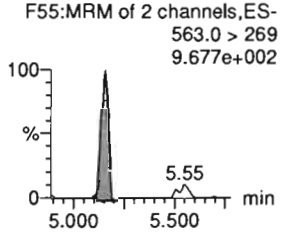




PFUdA





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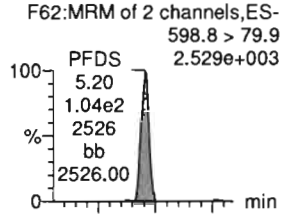

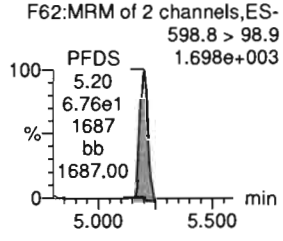

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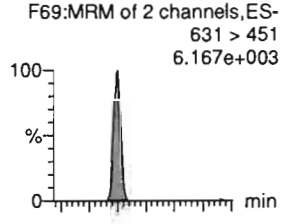
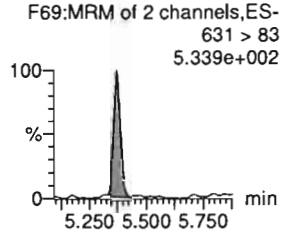
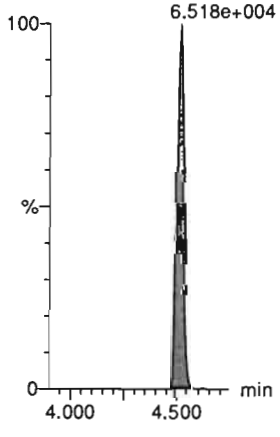
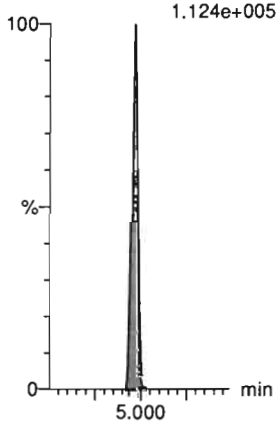




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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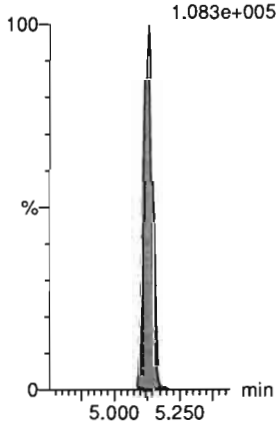

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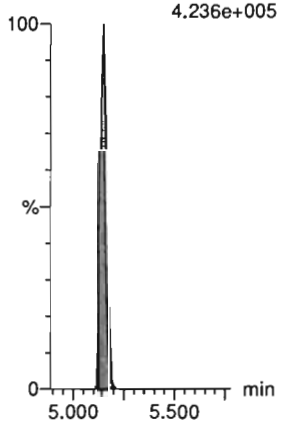

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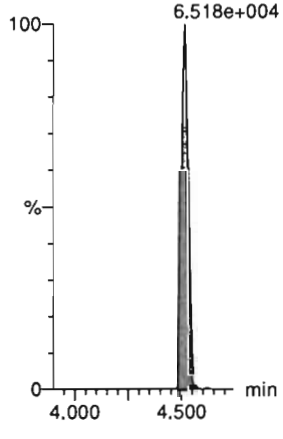

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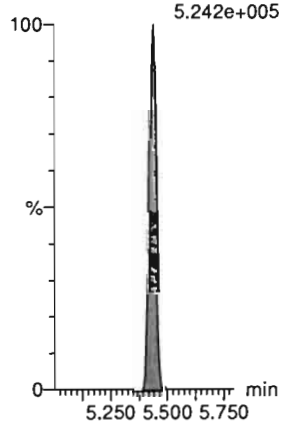

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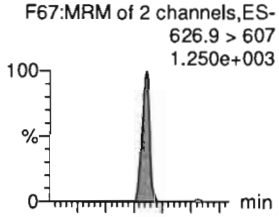
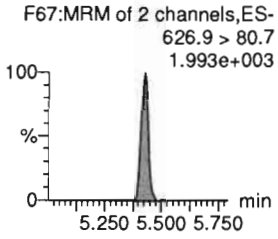
Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

10:2 FTS





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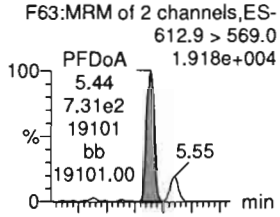
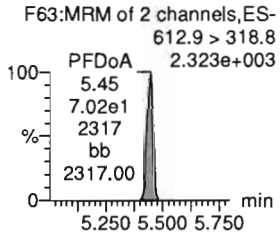
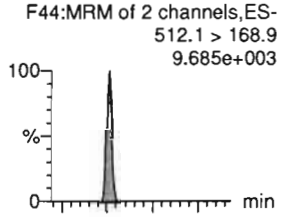
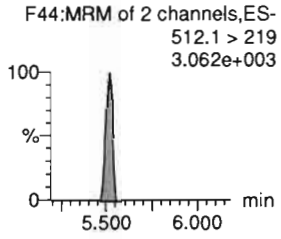




N-MeFOSA





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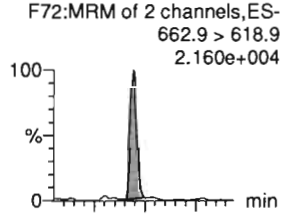

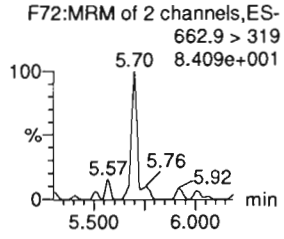

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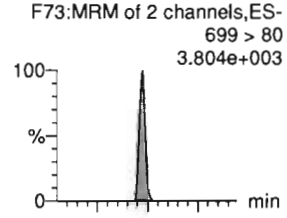
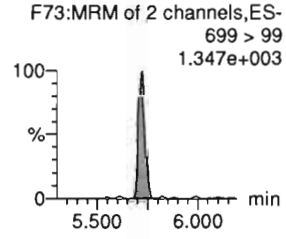
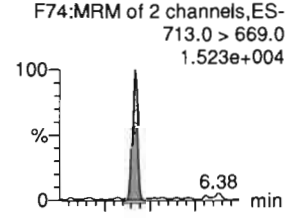
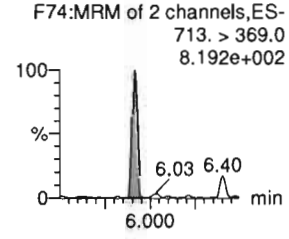




PFTeDA





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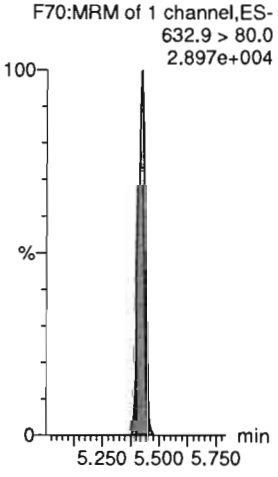
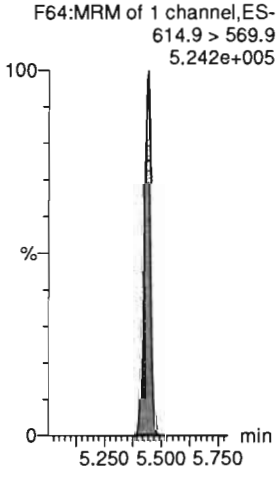
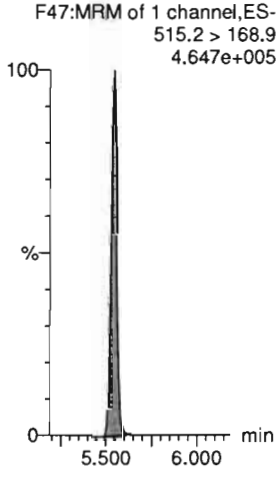


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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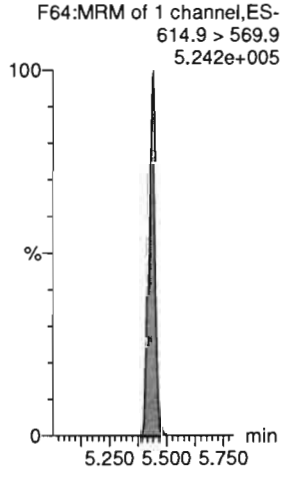

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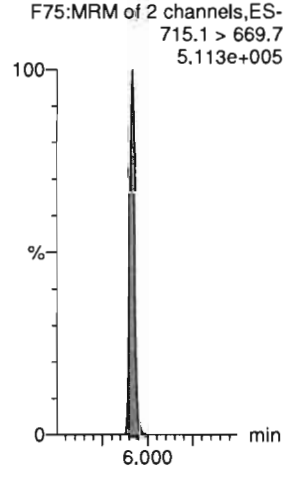

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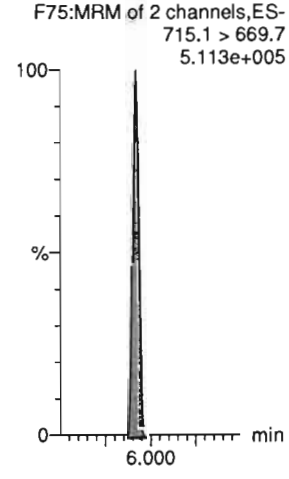

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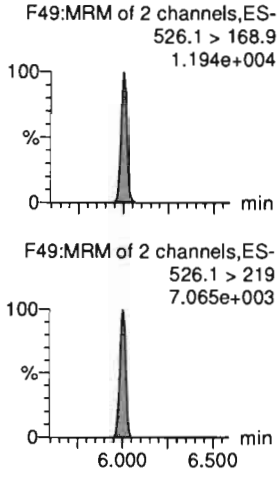
Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

N-EtFOSA



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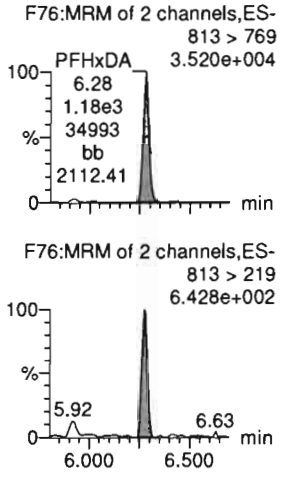

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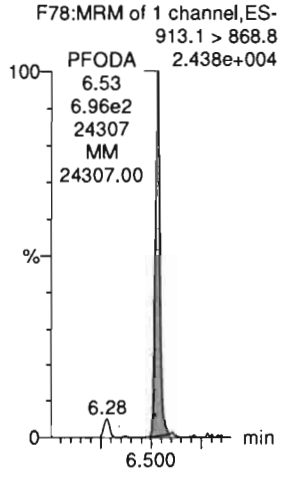
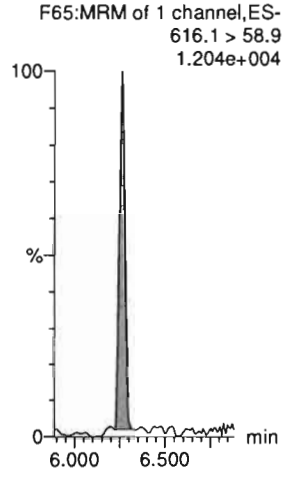
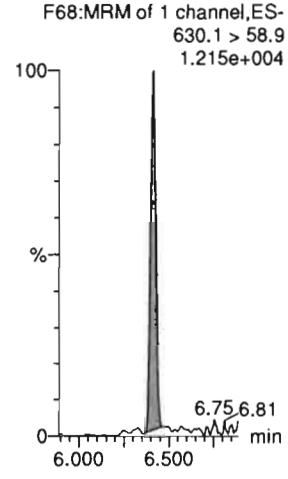


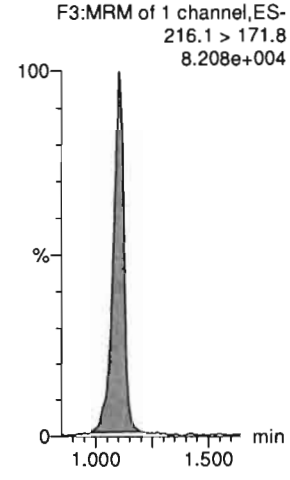
N-MeFOSE



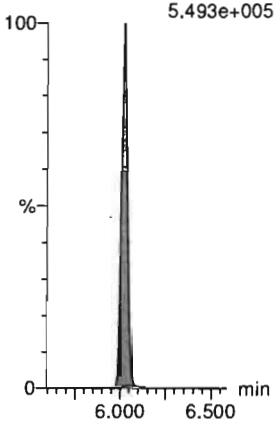
N-EtFOSE



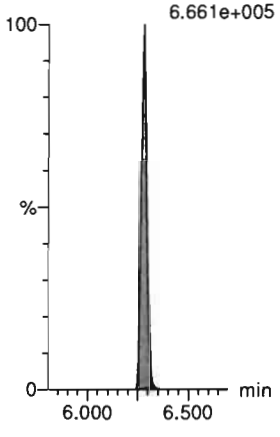
13C3-PFBA-RSD



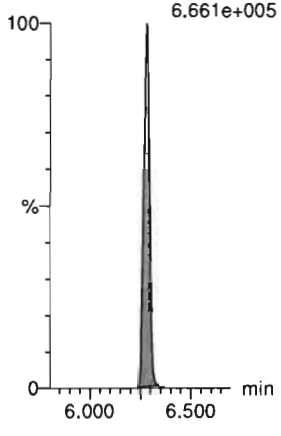
d5-N-ETFOSA-EIS



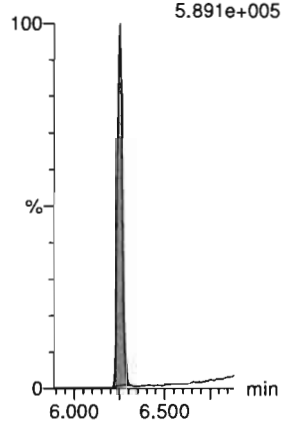
13C2-PFHxDA-EIS



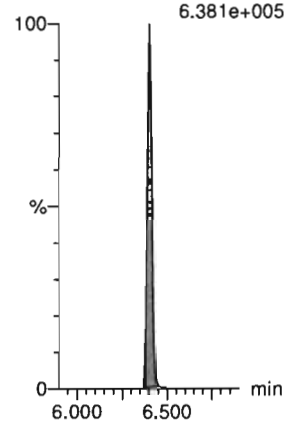
13C2-PFHxDA-EIS



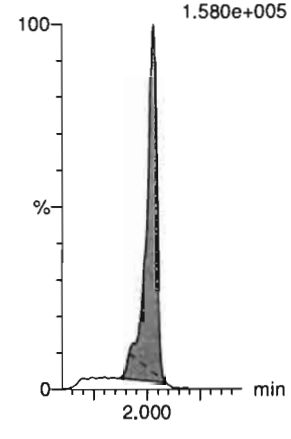
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

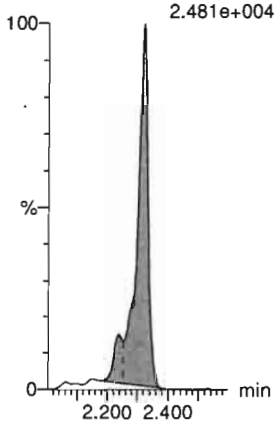


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

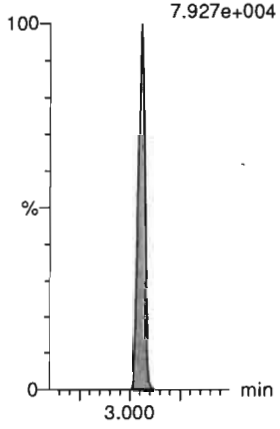
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

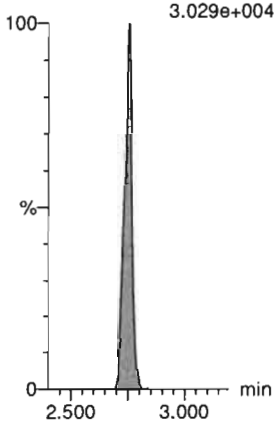
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.481e+004



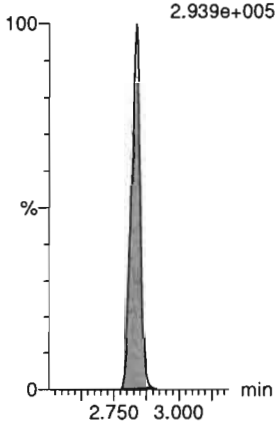
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.927e+004



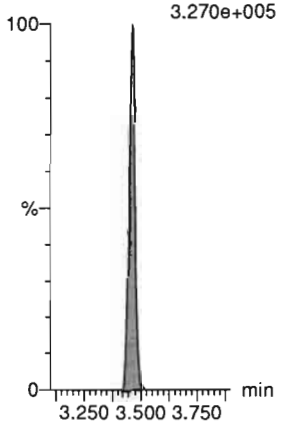
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.029e+004



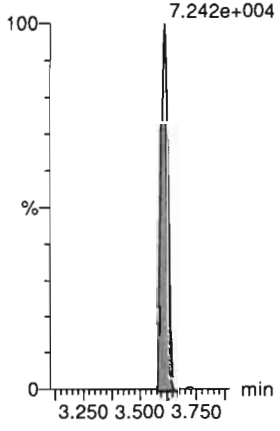
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.939e+005



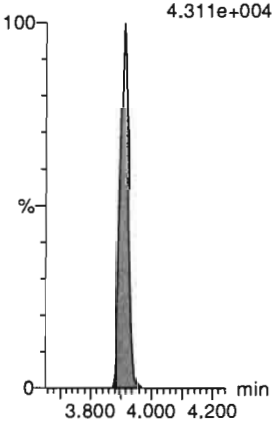
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.270e+005



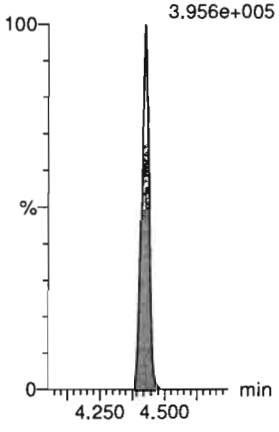
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.242e+004



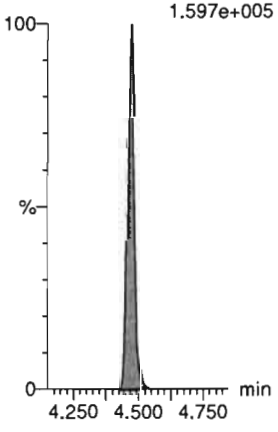
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.311e+004



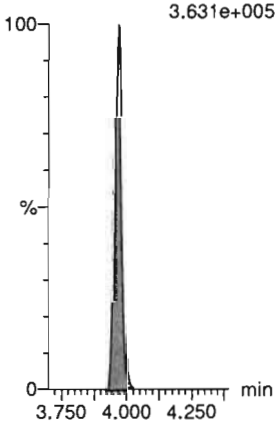
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.956e+005



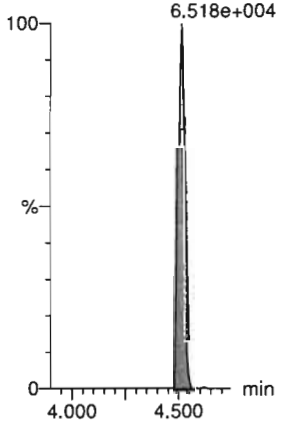
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.597e+005



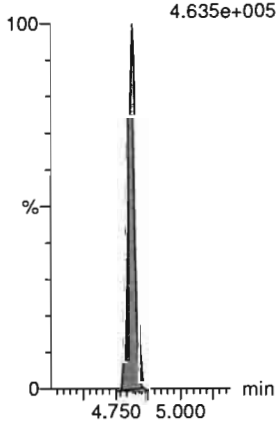
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.631e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
6.518e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.635e+005

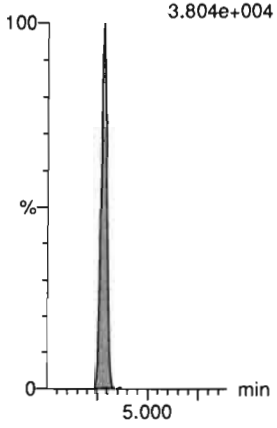


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

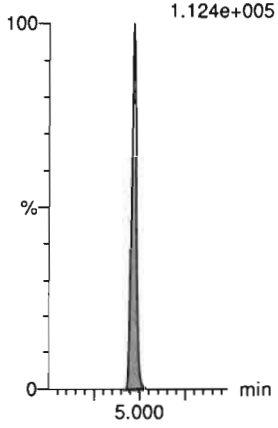
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

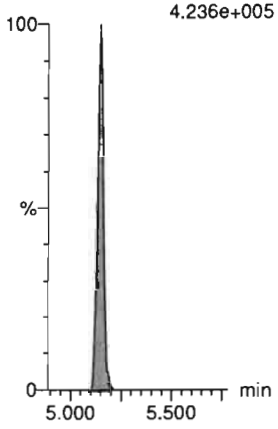
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.804e+004



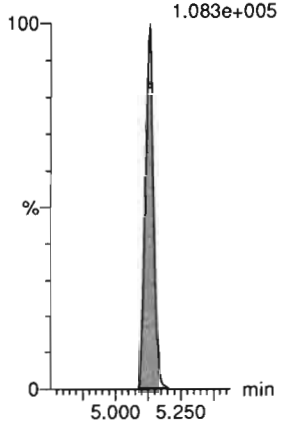
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.124e+005



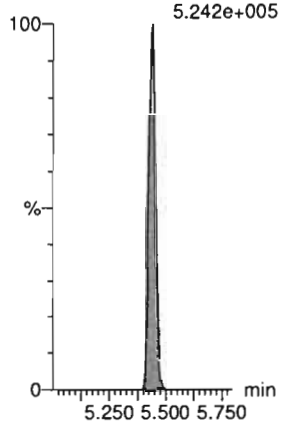
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.236e+005



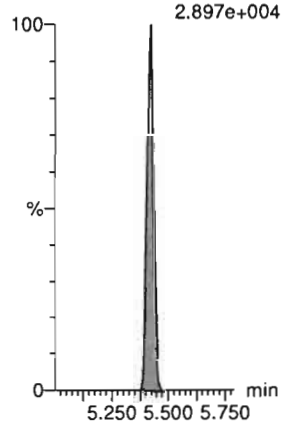
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.083e+005



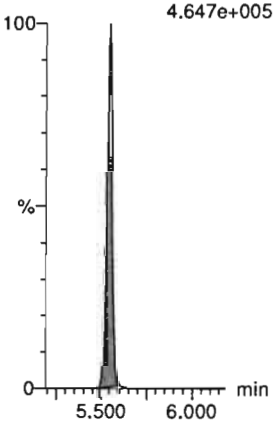
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.242e+005



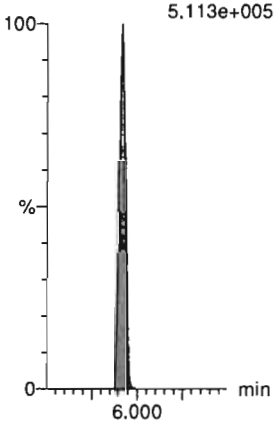
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.897e+004



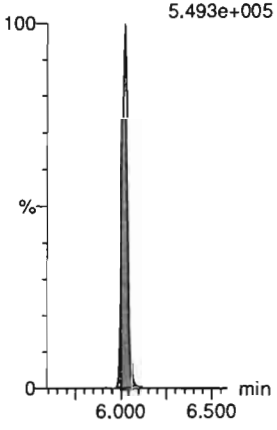
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.647e+005



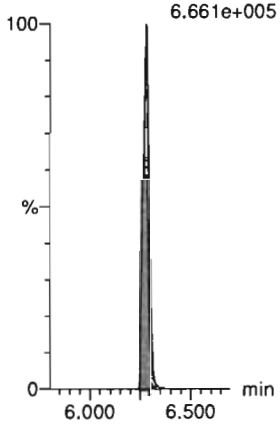
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.113e+005



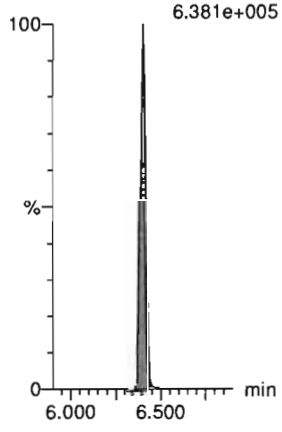
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.493e+005



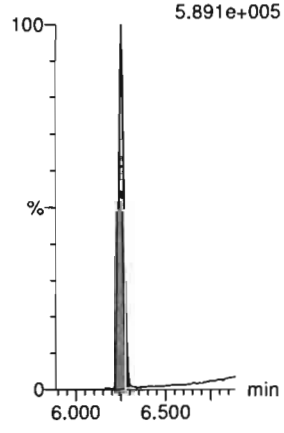
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.661e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.381e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.891e+005

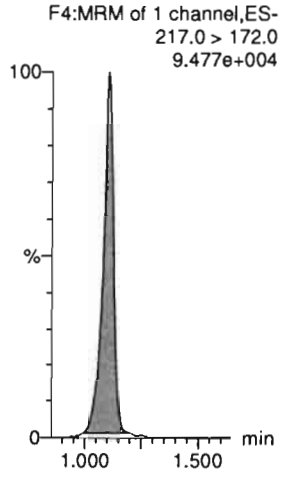


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

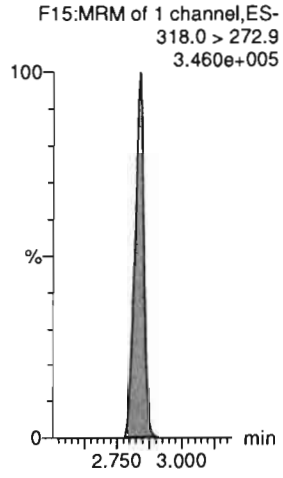
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-5, Date: 29-Jun-2020, Time: 11:48:31, ID: ST200629P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

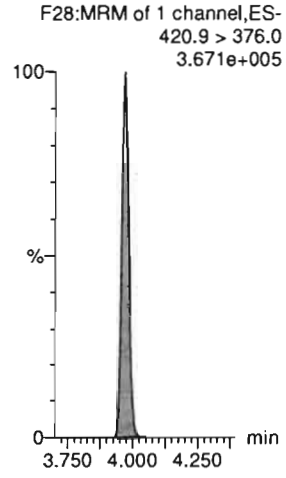
13C4-PFBA



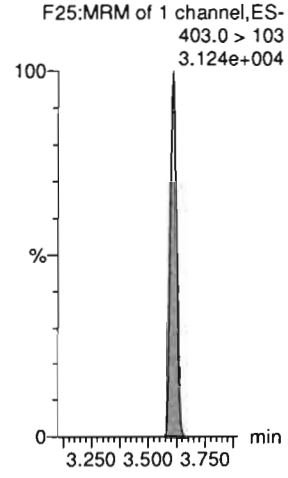
13C5-PFHxA



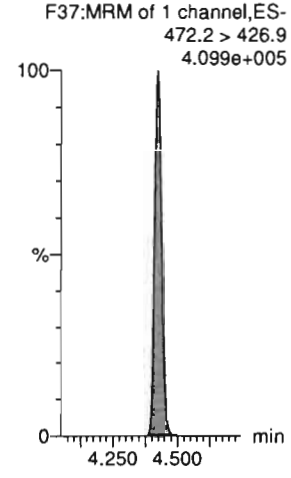
13C8-PFOA



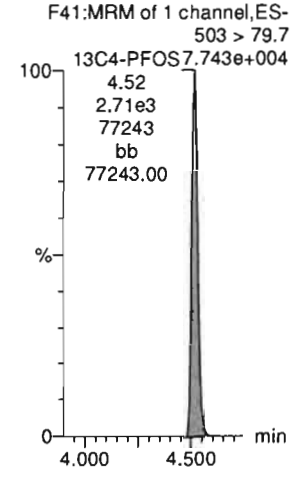
18O2-PFHxS



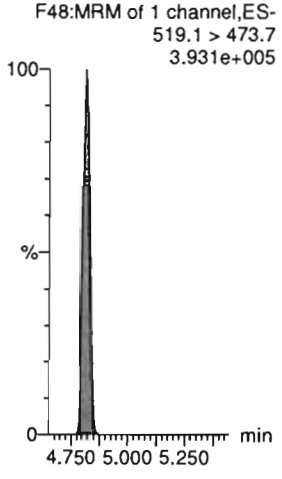
13C9-PFNA



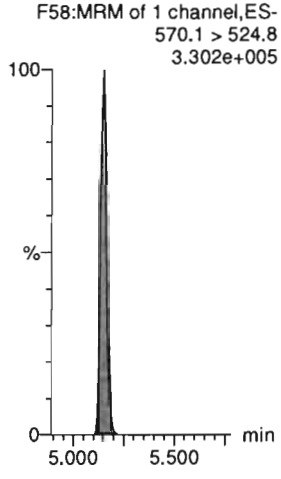
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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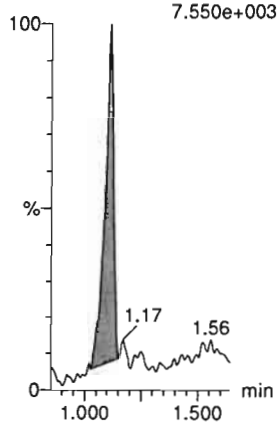
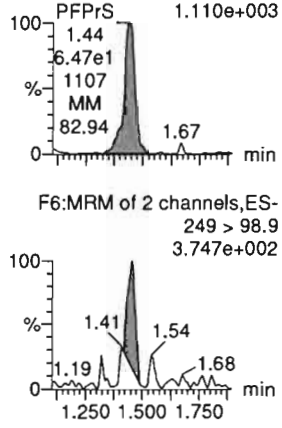
Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

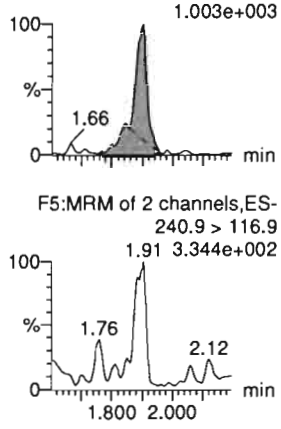
PFBA



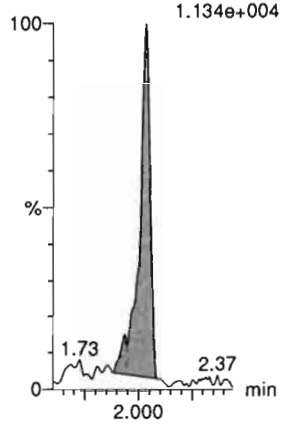
PFPrS



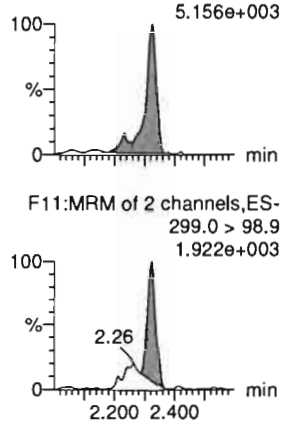
3:3 FTCA



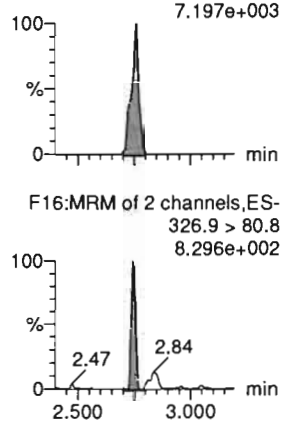
PFPeA



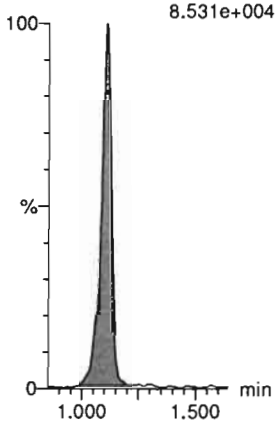
PFBS



4:2 FTS



13C3-PFBA-EIS



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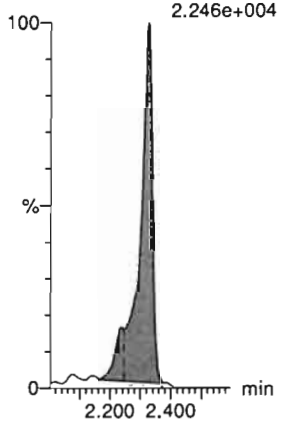

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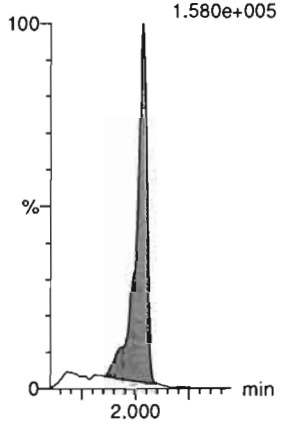

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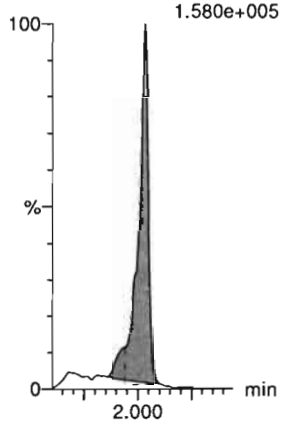

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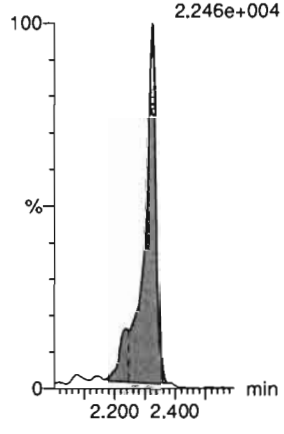
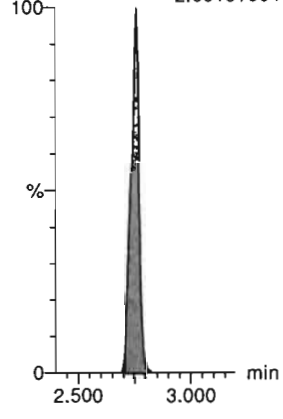


13C2-4:2 FTS-EIS



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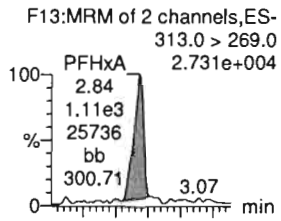
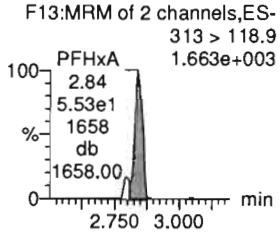
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

PFHxA





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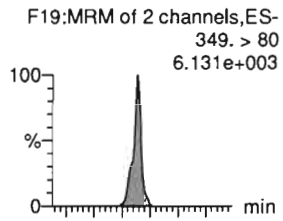
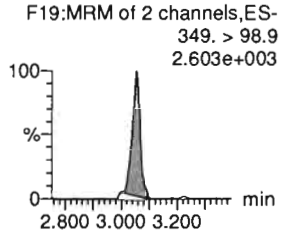
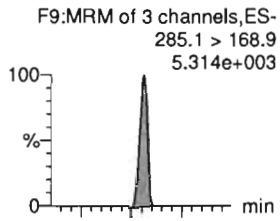
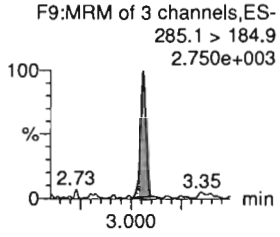


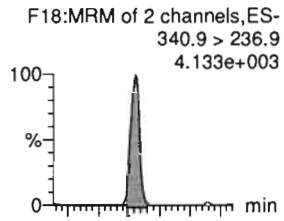


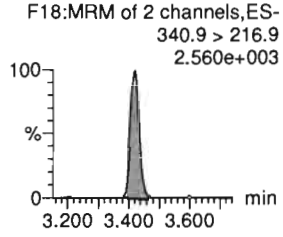
HFPO-DA





5:3 FTCA





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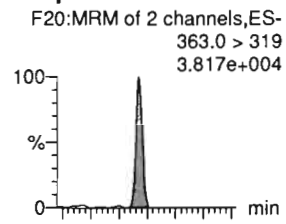

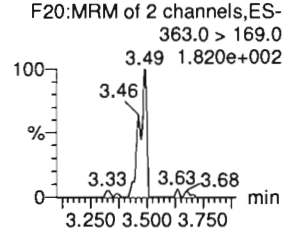

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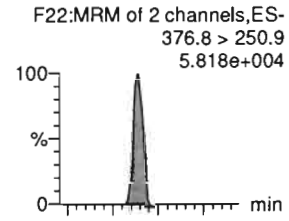

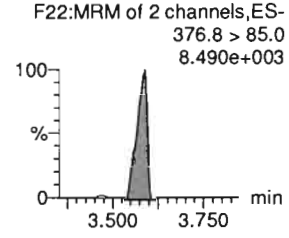

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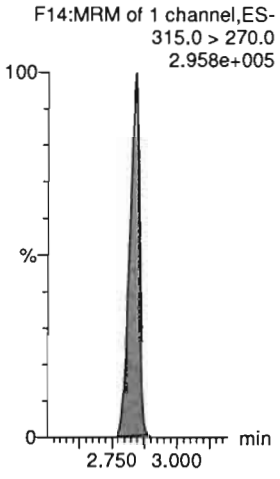
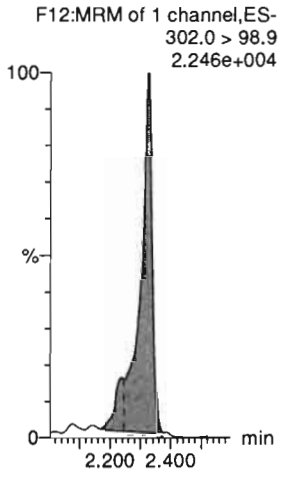


13C3-PFBS-EIS



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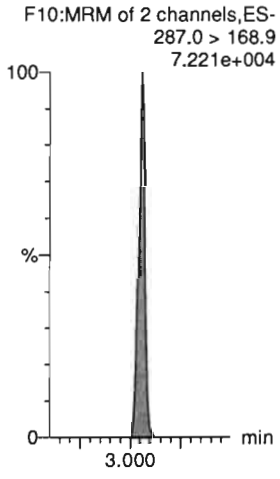

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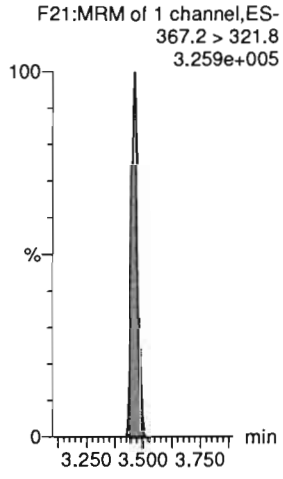

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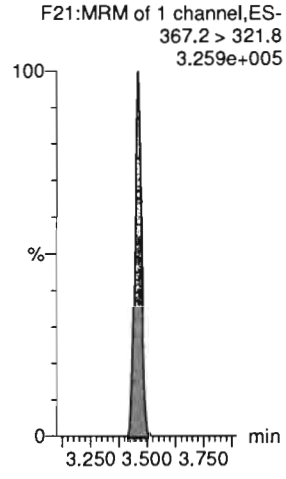

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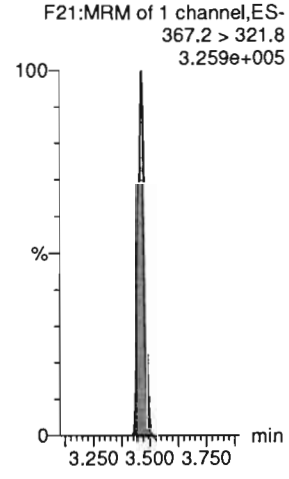

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Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

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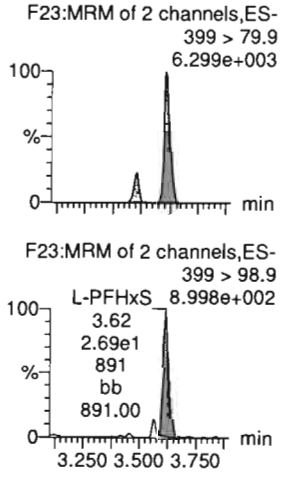
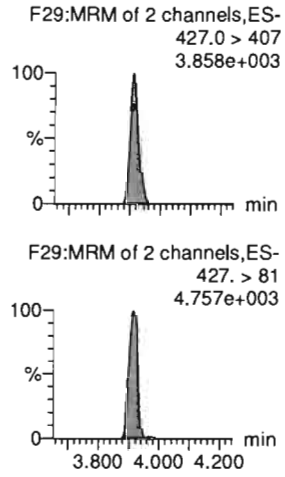


6:2 FTS



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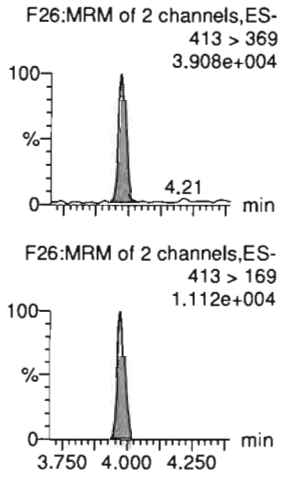

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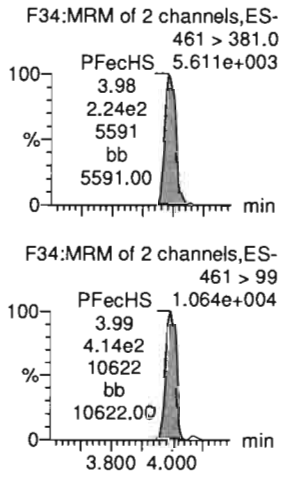

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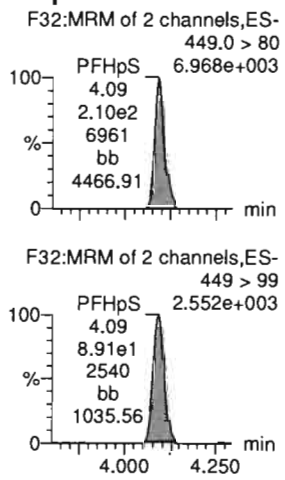
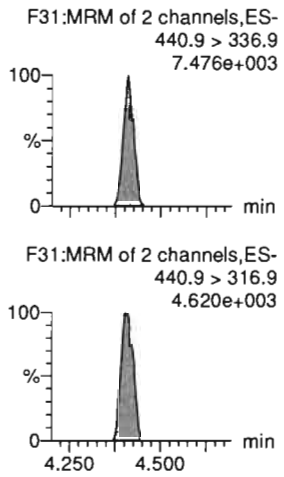


7:3 FTCA



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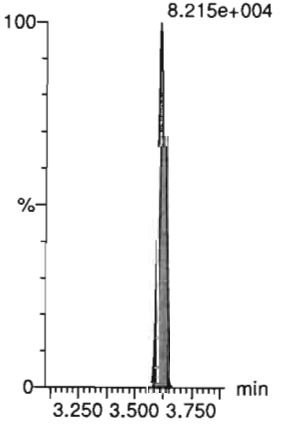

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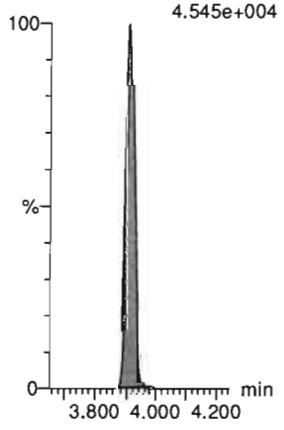

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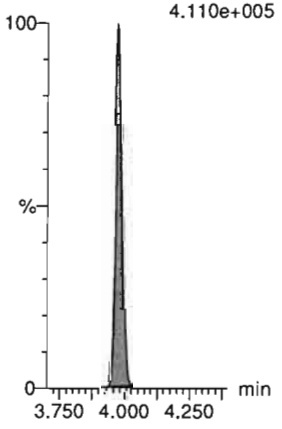

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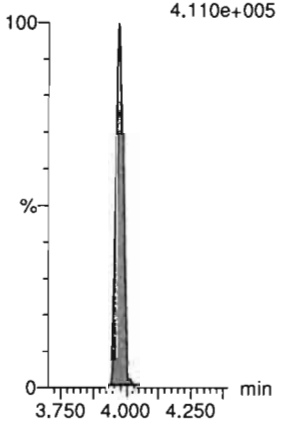
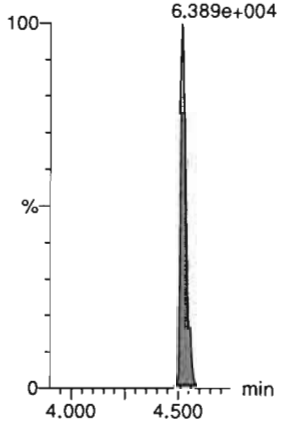
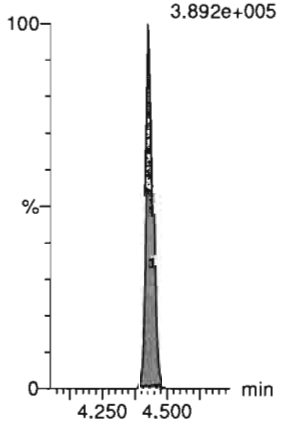


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

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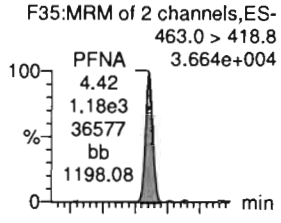

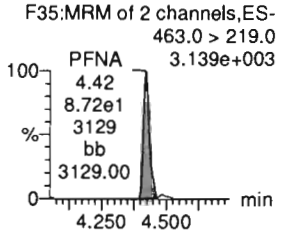

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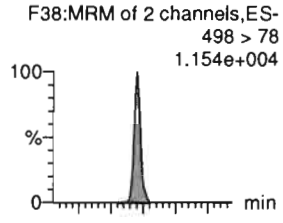
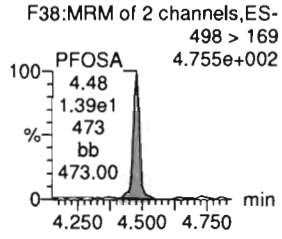
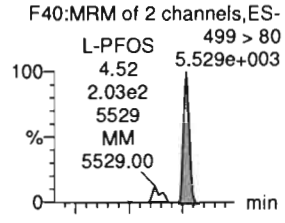
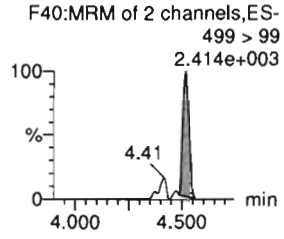




L-PFOS





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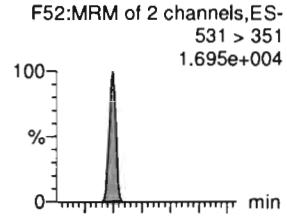

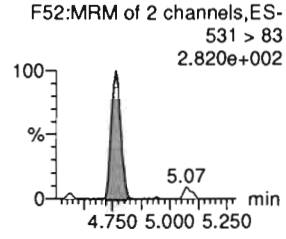

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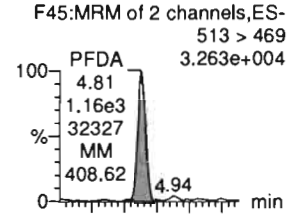
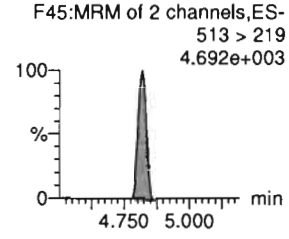
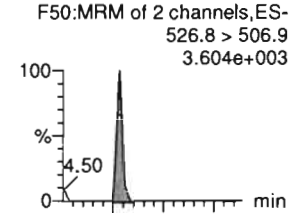
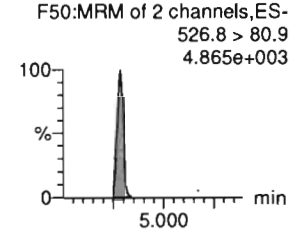




8:2 FTS





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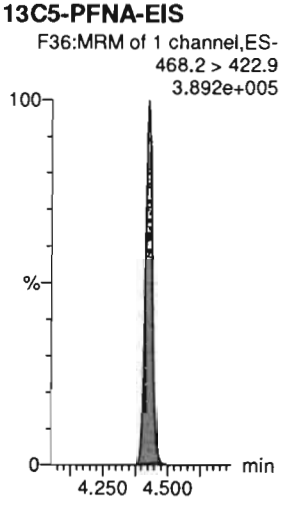

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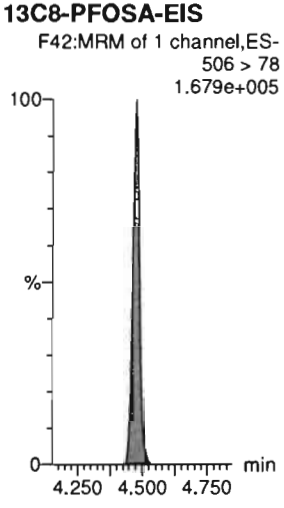

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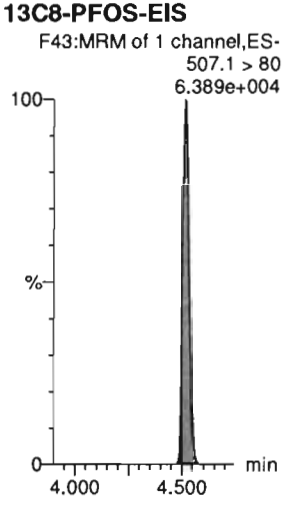

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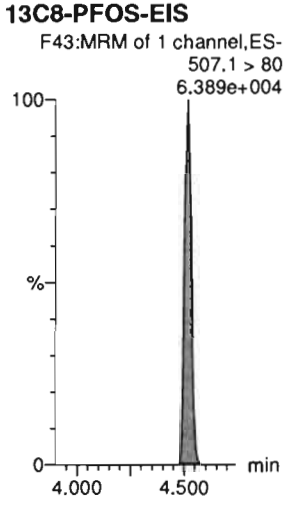
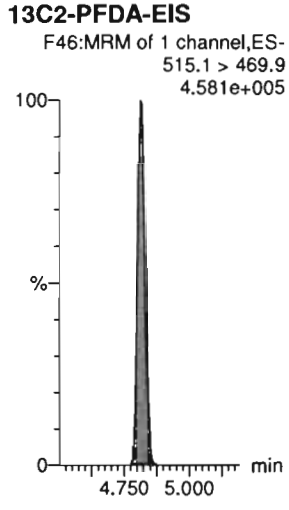
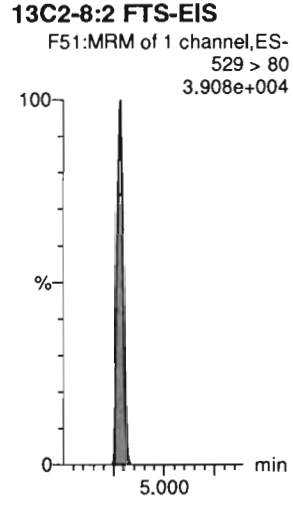


13C2-PFDA-EIS



13C2-8:2 FTS-EIS

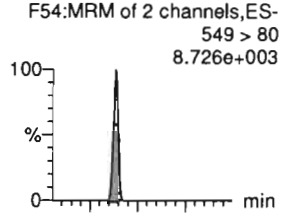


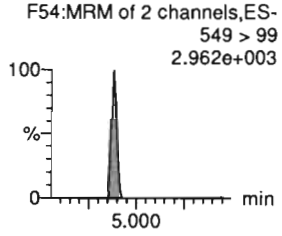
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

PFNS





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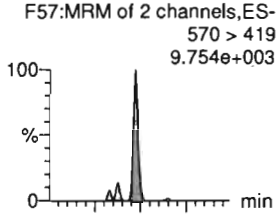

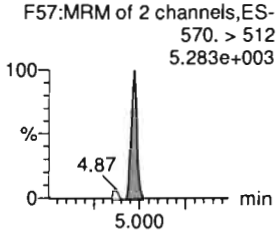

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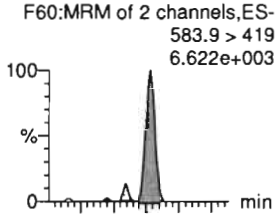
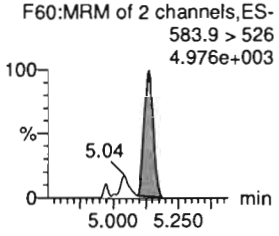
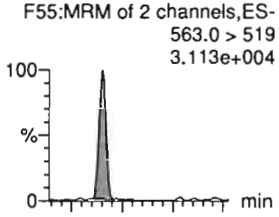
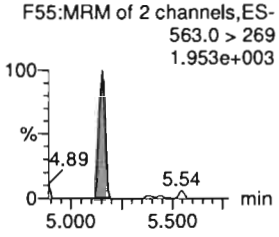


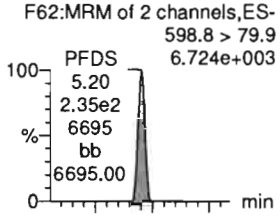


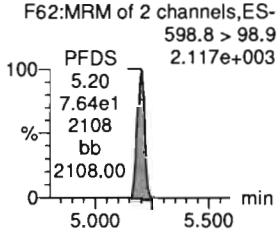
PFUdA



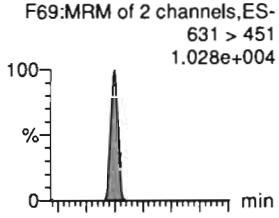


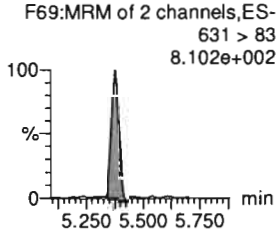
PFDS



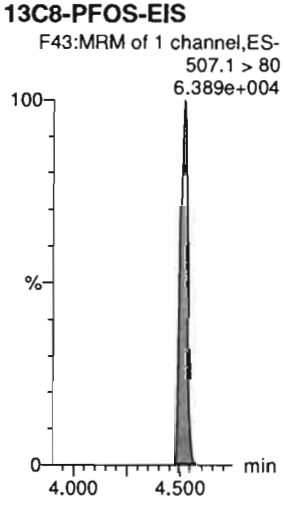


11Cl-PF30UdS

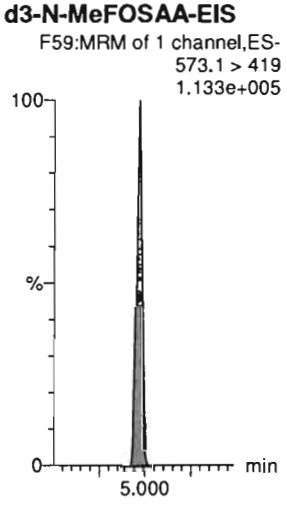




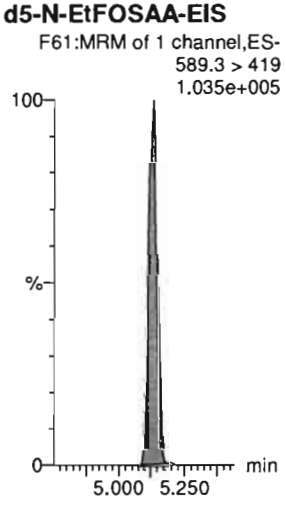
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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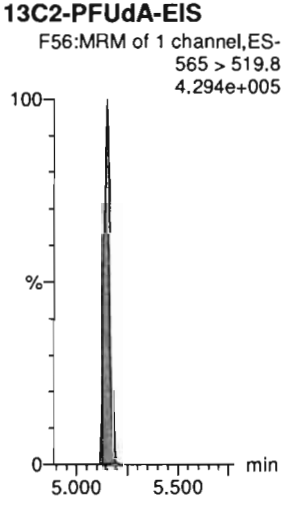

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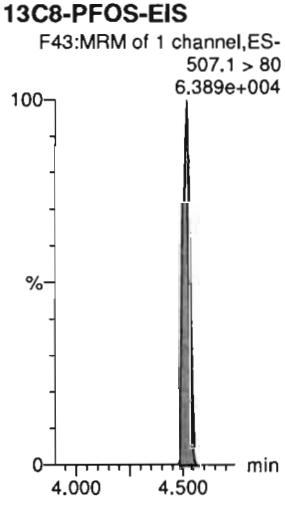
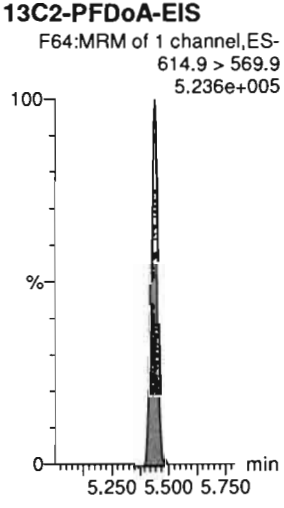


13C2-PFDoA-EIS



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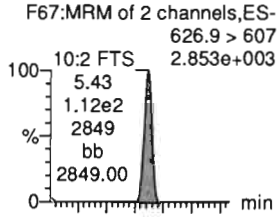
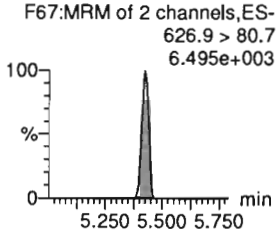
Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

10:2 FTS





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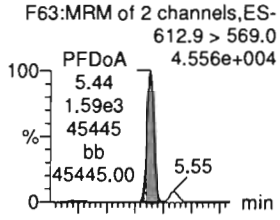
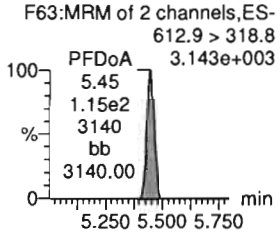
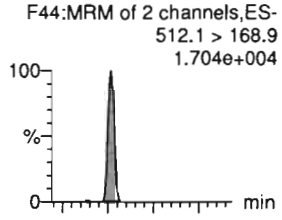
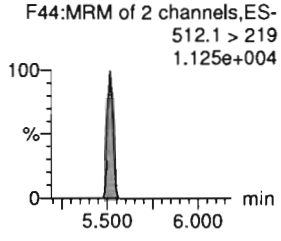




N-MeFOSA





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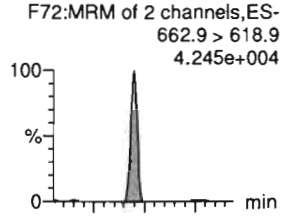
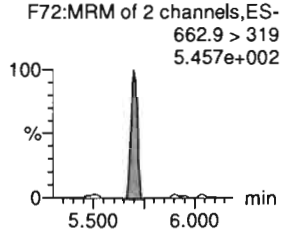
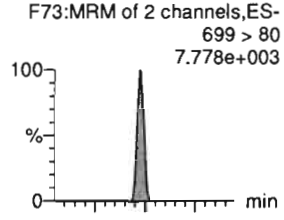
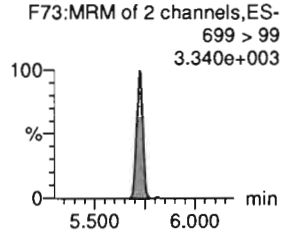


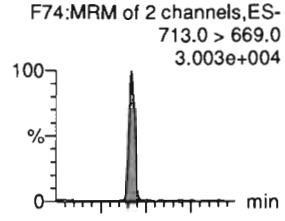


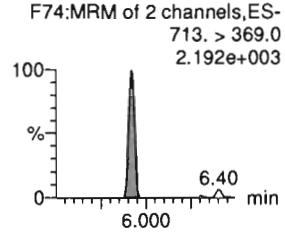
PFDoS



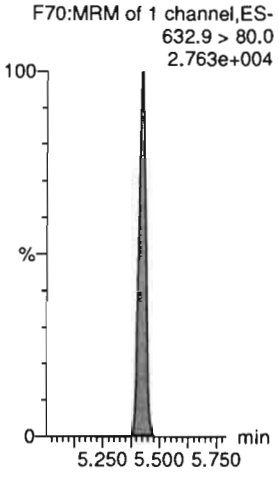


PFTeDA

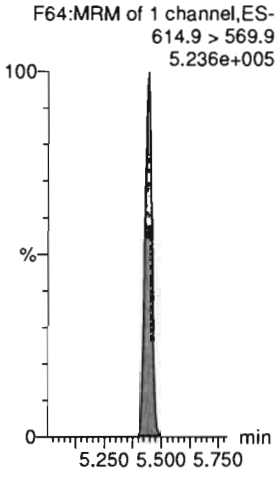




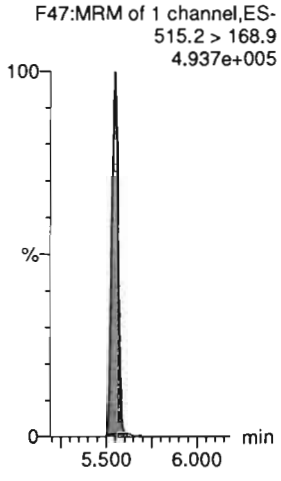
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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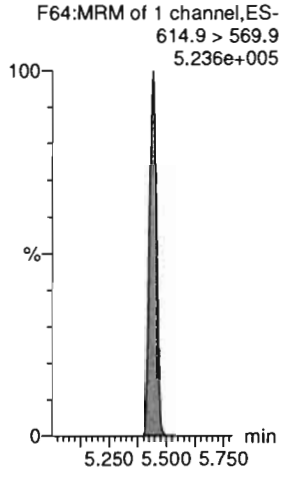
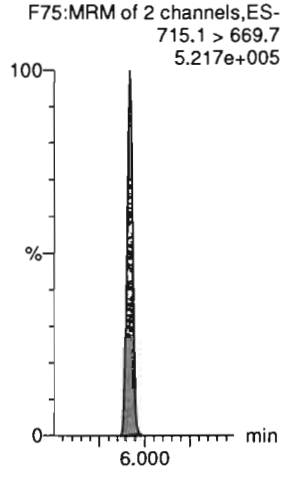


13C2-PFTeDA-EIS



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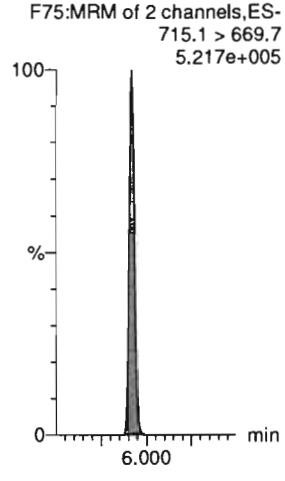

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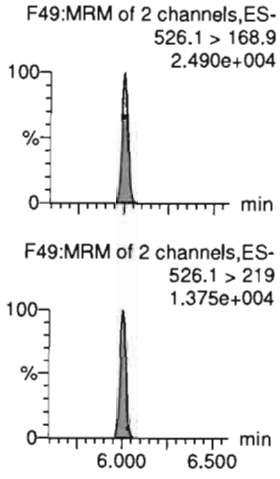
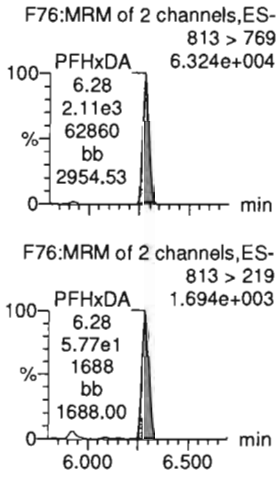
Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

N-EtFOSA



PFHxDA



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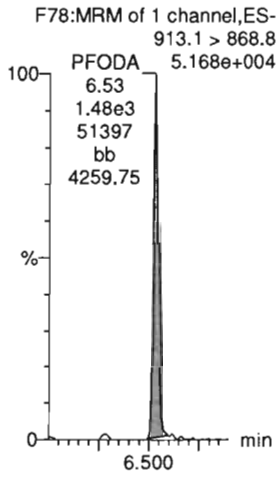
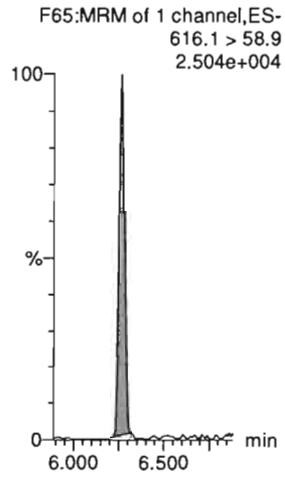
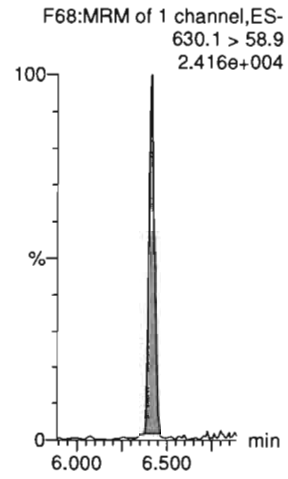


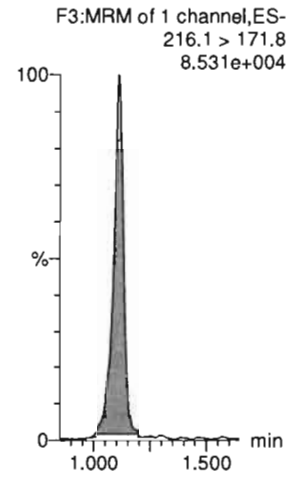
N-MeFOSE



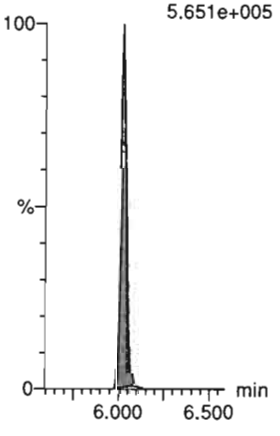
N-EtFOSE



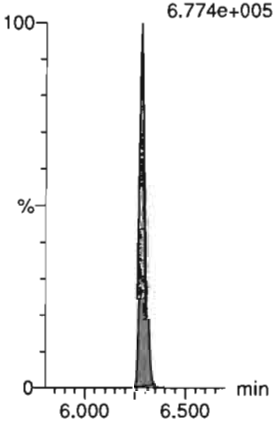
13C3-PFBA-RSD



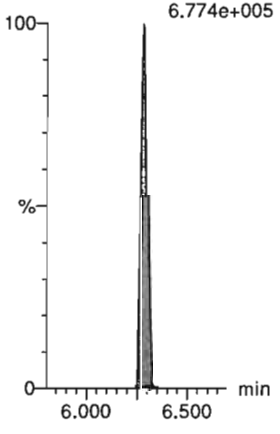
d5-N-ETFOSA-EIS



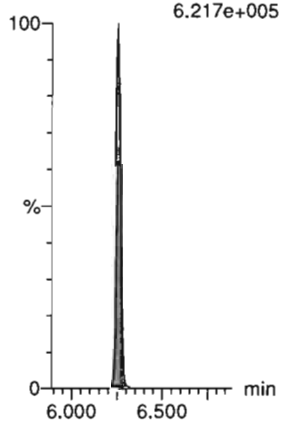
13C2-PFHxDA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



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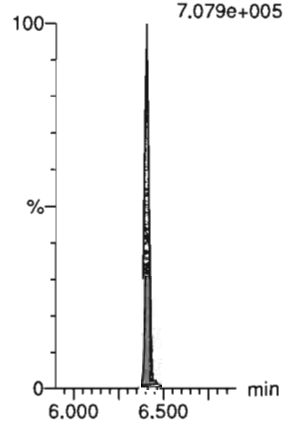

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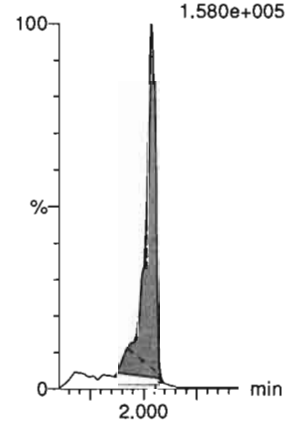

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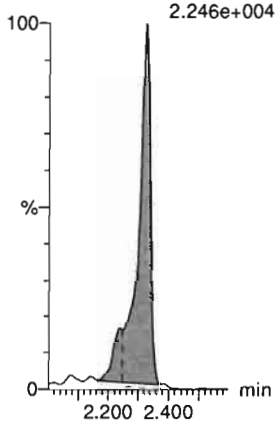
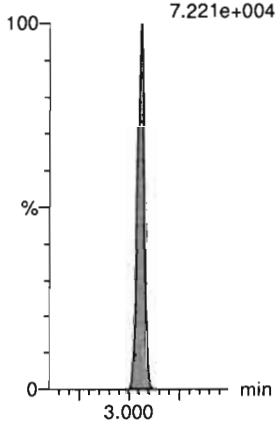
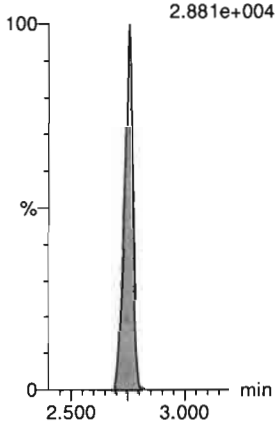
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.246e+004



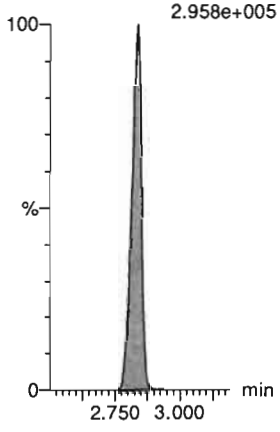
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.221e+004



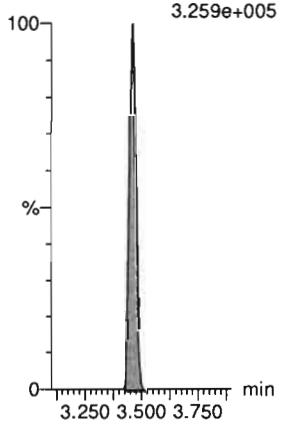
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.881e+004



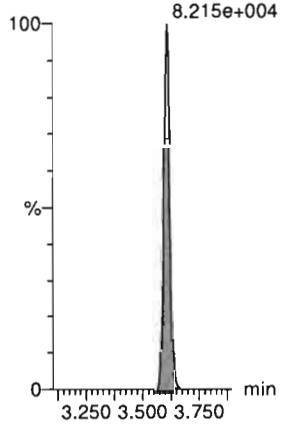
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.958e+005



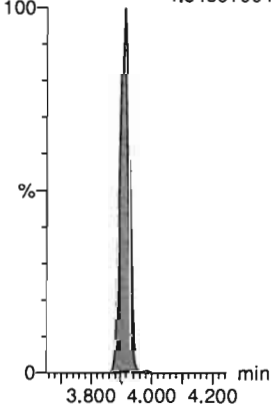
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.259e+005



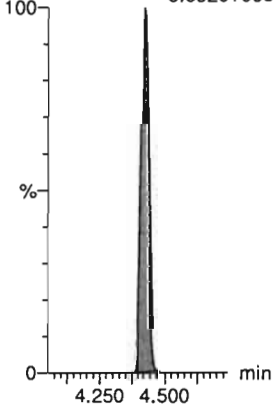
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.215e+004



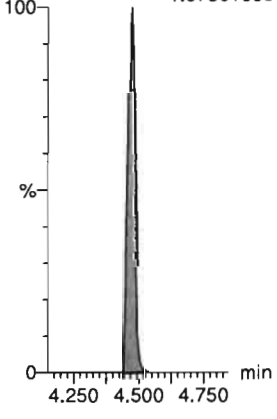
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.545e+004



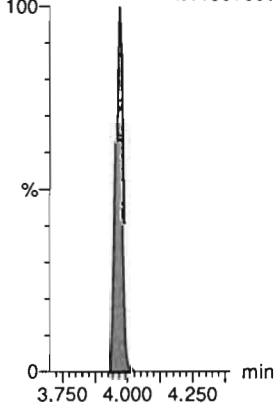
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.892e+005



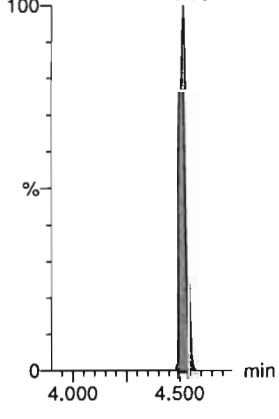
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.679e+005



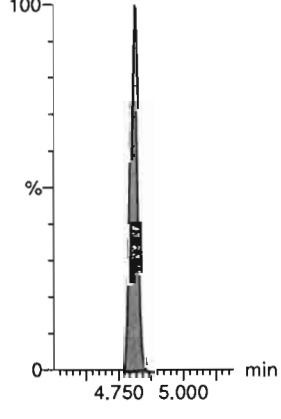
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.110e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
6.389e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.581e+005

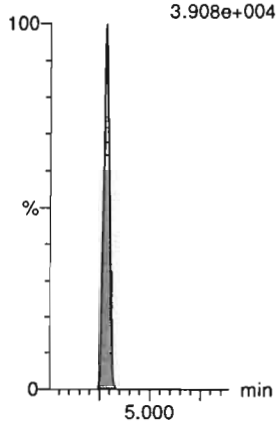


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

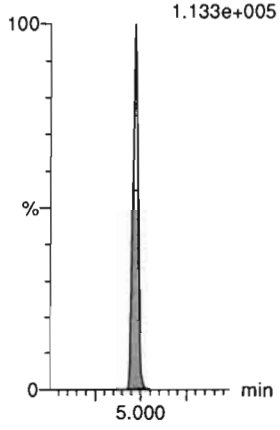
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

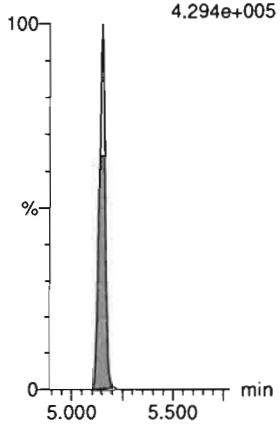
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.908e+004



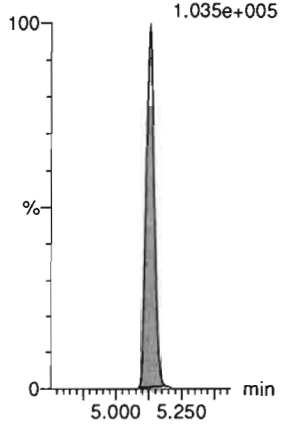
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.133e+005



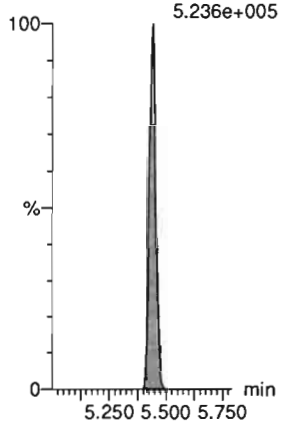
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.294e+005



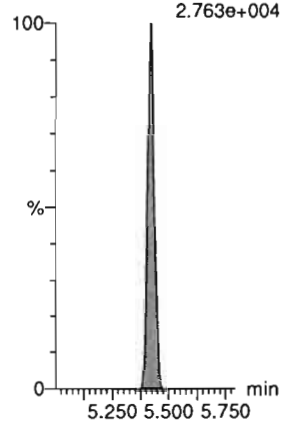
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.035e+005



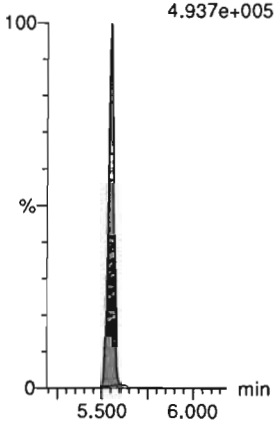
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.236e+005



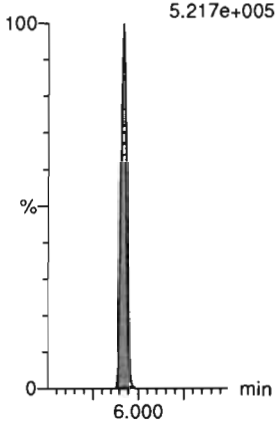
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.763e+004



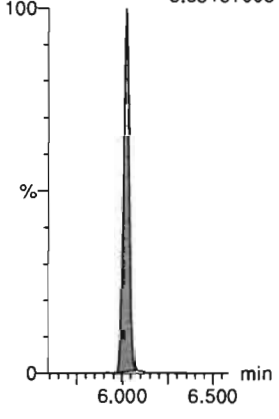
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.937e+005



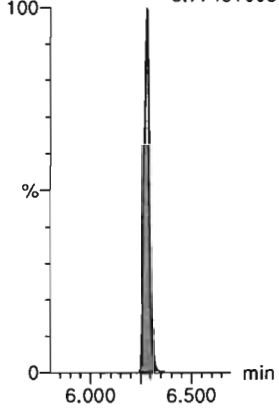
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.217e+005



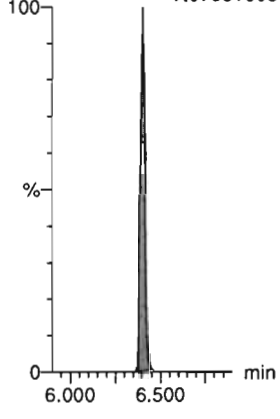
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.651e+005



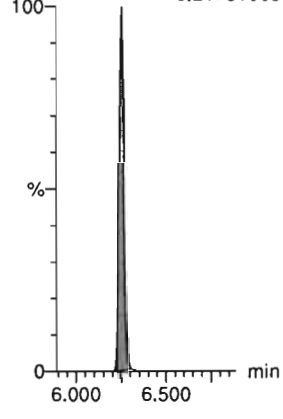
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.774e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.079e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.217e+005



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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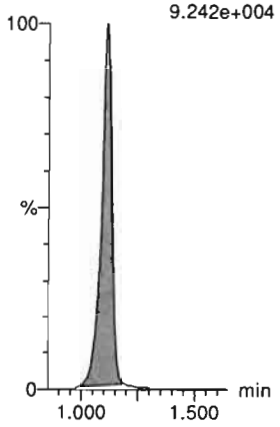
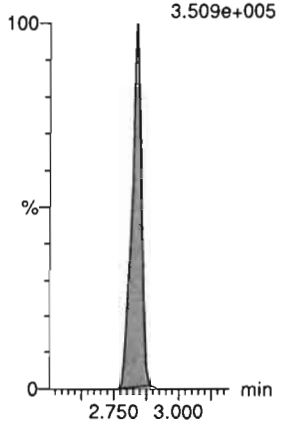
Name: 200629P1-6, Date: 29-Jun-2020, Time: 11:59:03, ID: ST200629P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

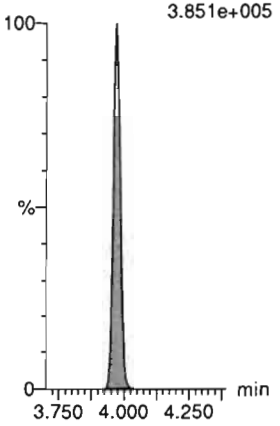
13C4-PFBA



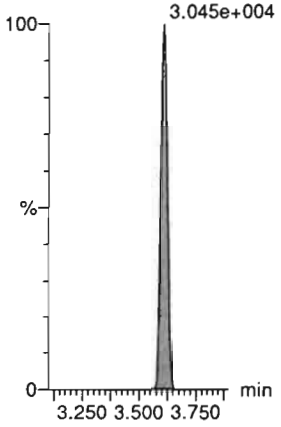
13C5-PFHxA



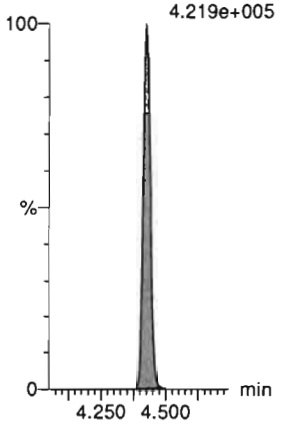
13C8-PFOA



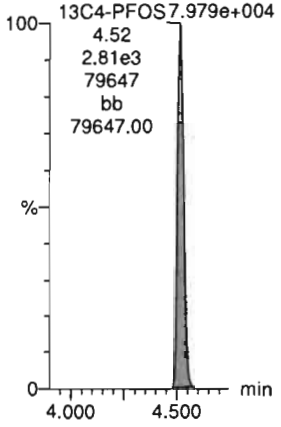
18O2-PFHxS



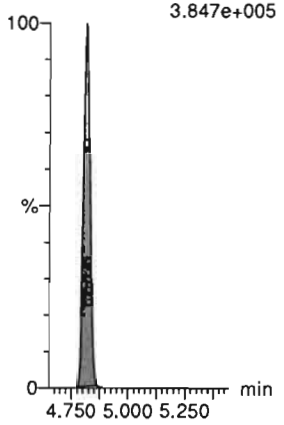
13C9-PFNA



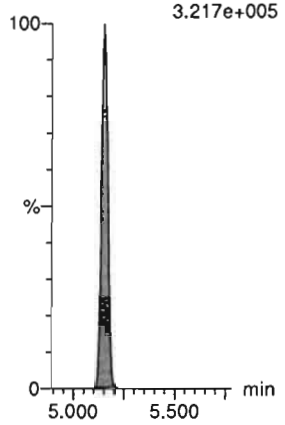
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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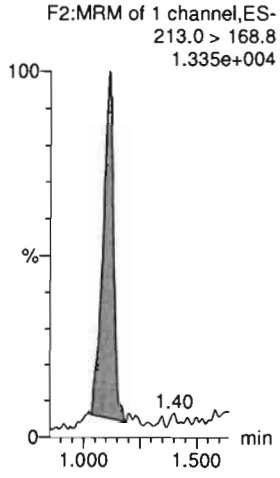
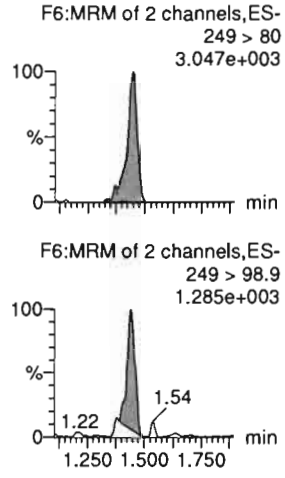
Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

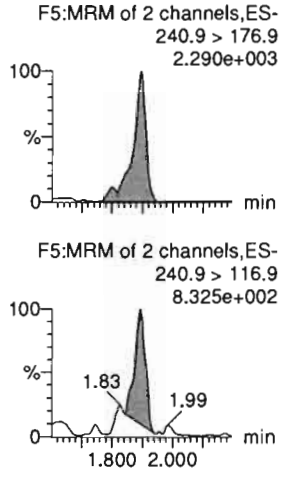
PFBA



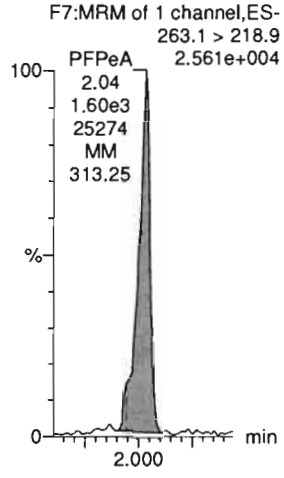
PFPrS



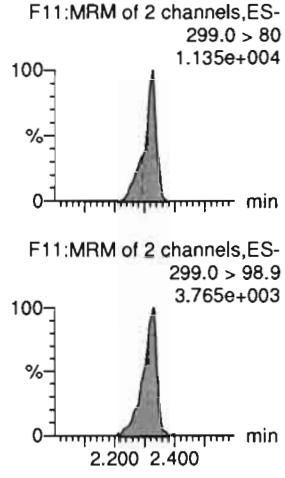
3:3 FTCA



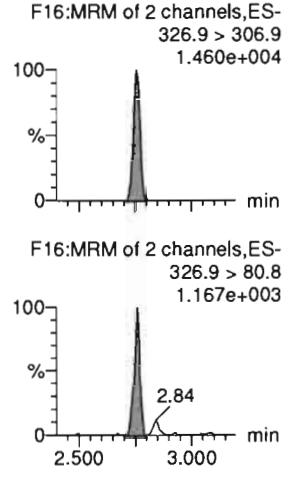
PFPeA



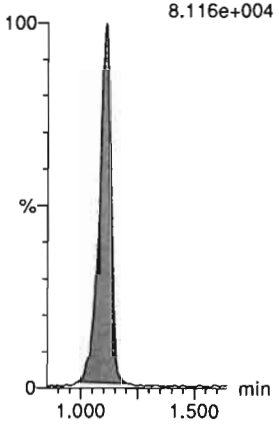
PFBS



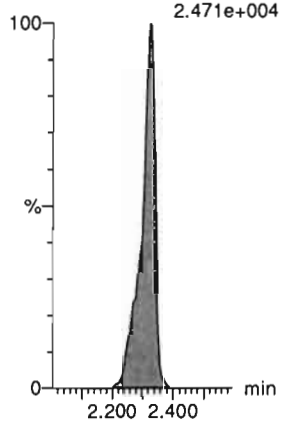
4:2 FTS



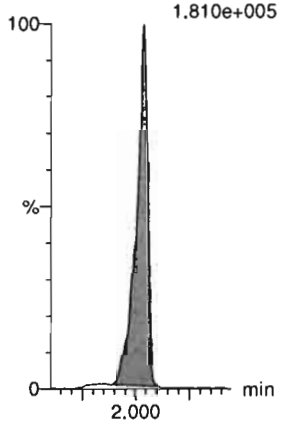
13C3-PFBA-EIS



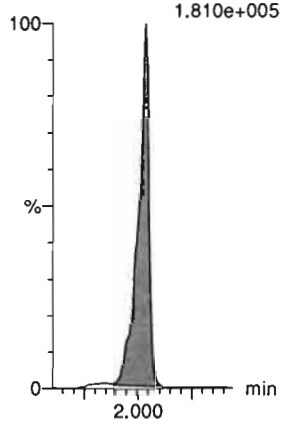
13C3-PFBS-EIS



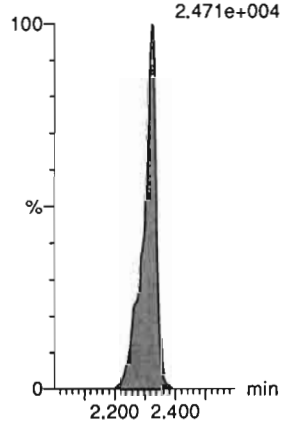
13C3-PFPeA-EIS



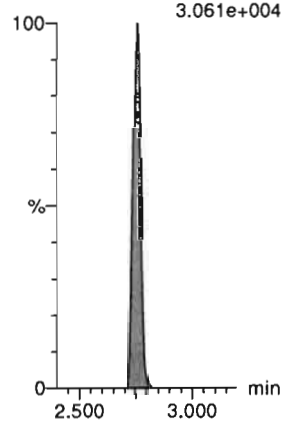
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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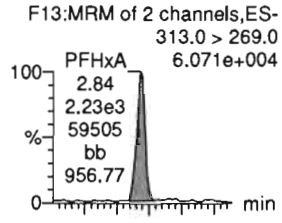
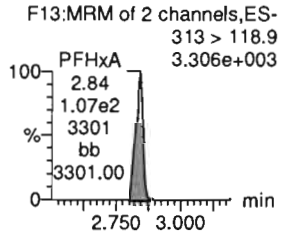
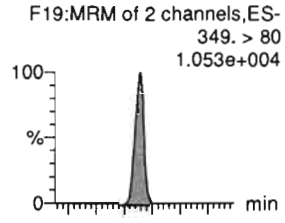
Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

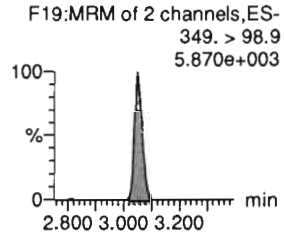
PFHxA



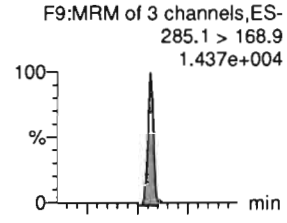


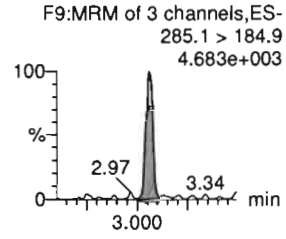
PFPeS





HFPO-DA





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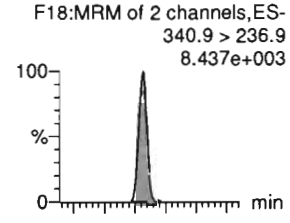
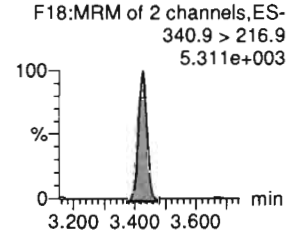
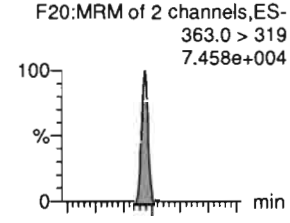
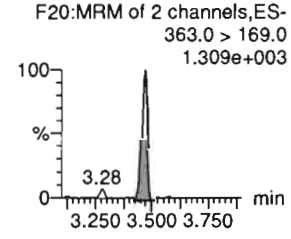




PFHpA





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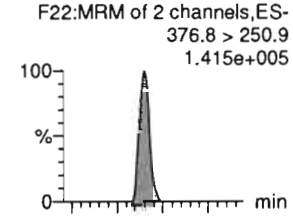
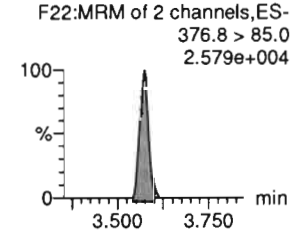
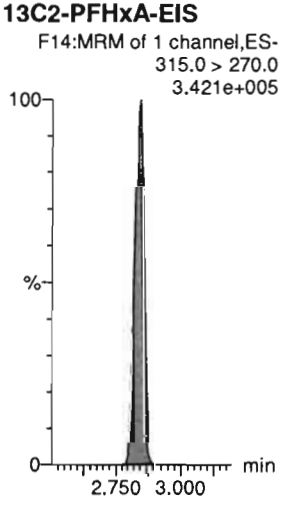
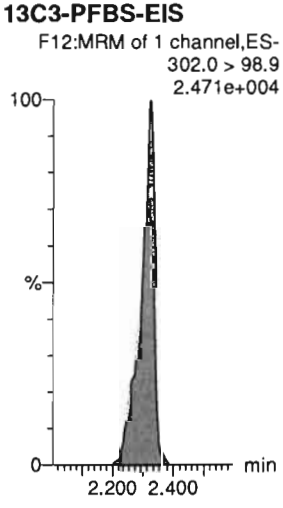




13C2-PFHxA-EIS



13C3-PFBS-EIS



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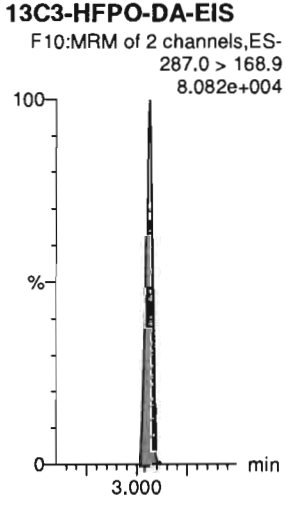

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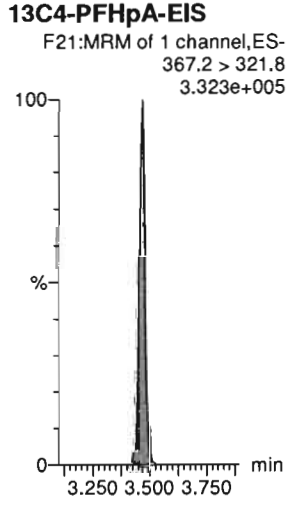

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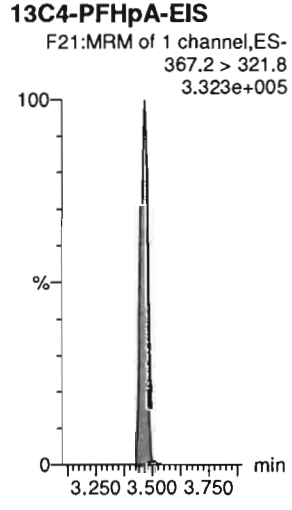

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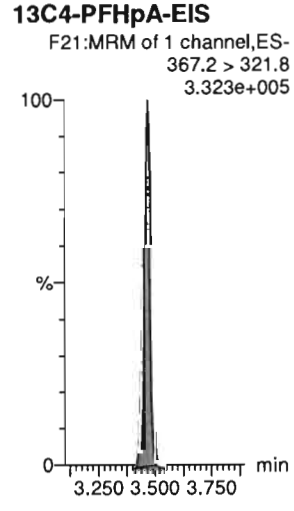

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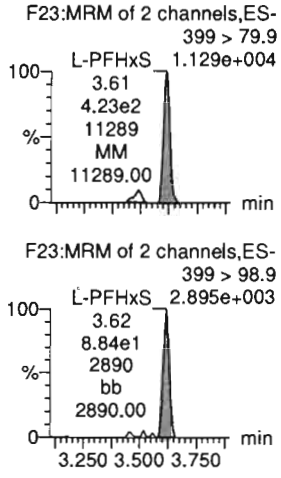
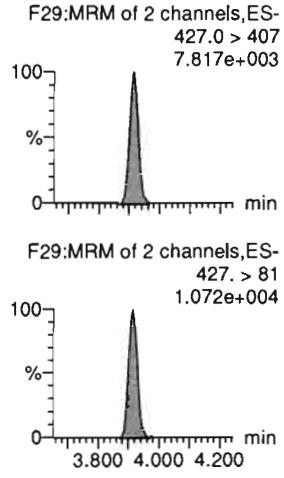
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

L-PFHxS



6:2 FTS



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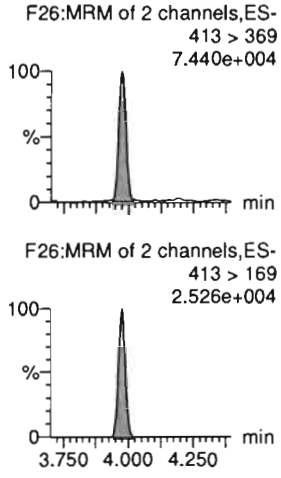

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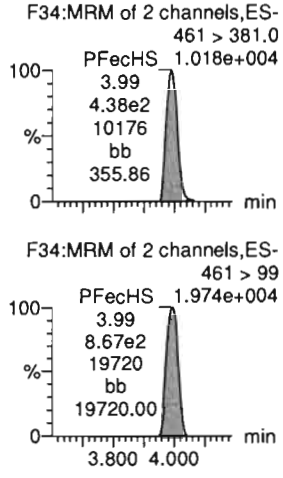

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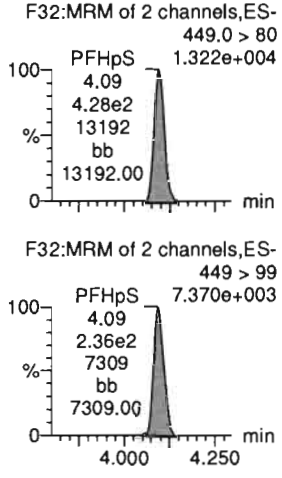
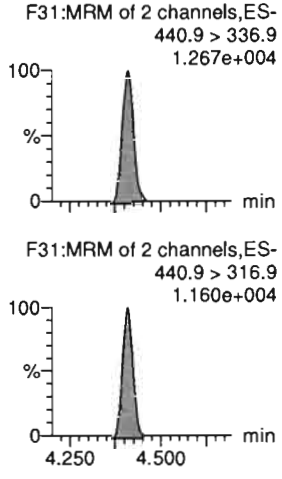


7:3 FTCA



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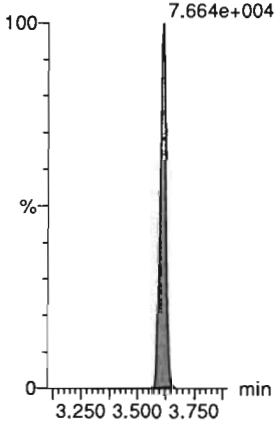

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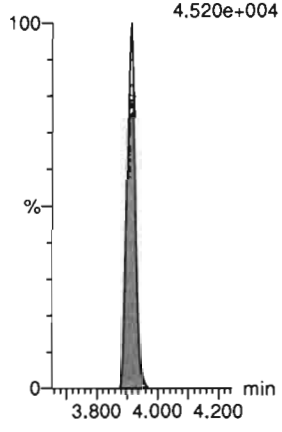

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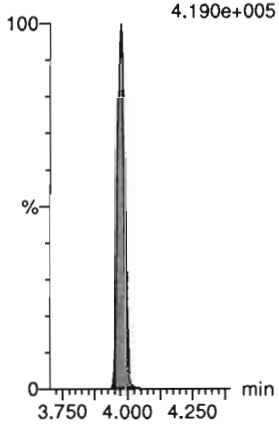

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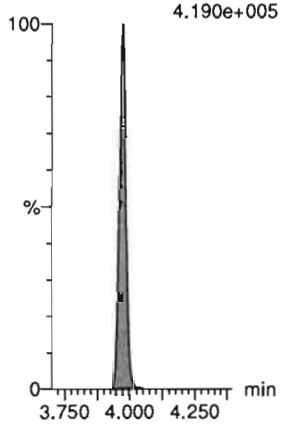

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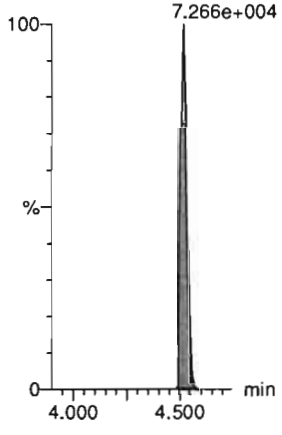
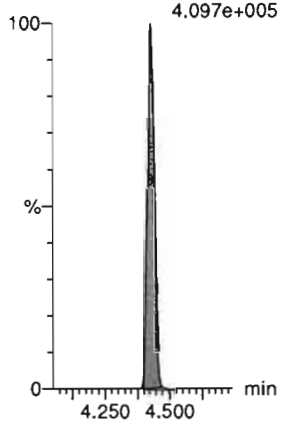


13C5-PFNA-EIS



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Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

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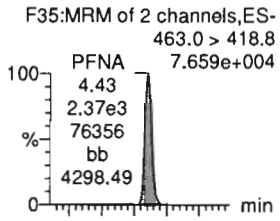

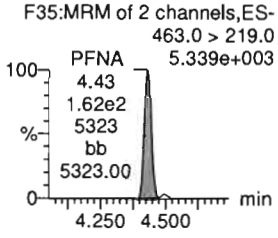

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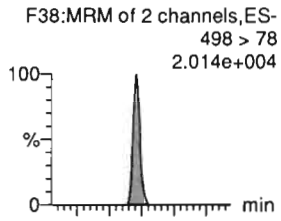
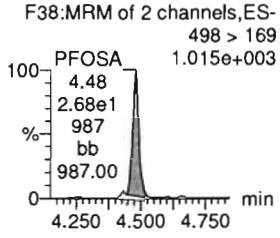
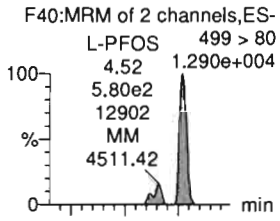
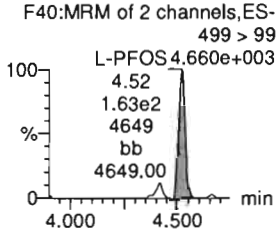




L-PFOS





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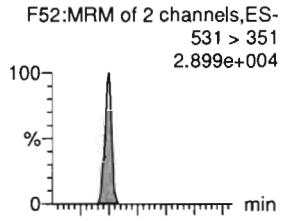

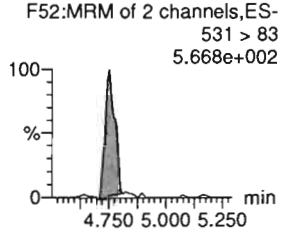

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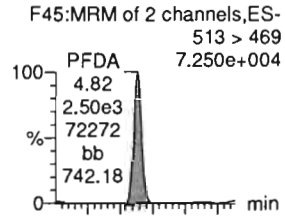
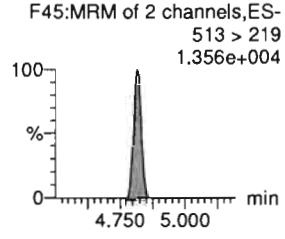
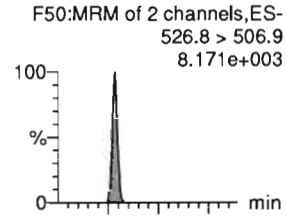
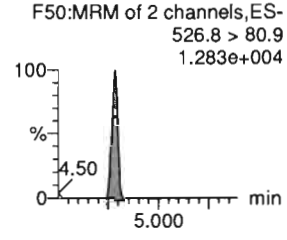




8:2 FTS





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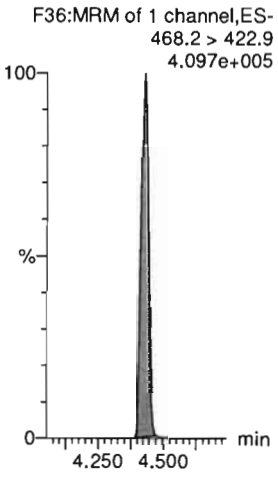

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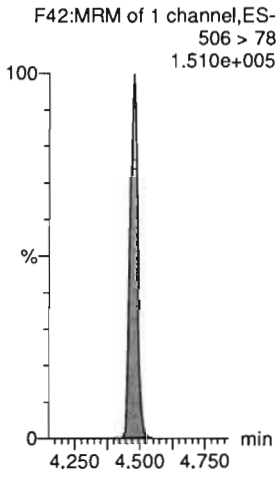

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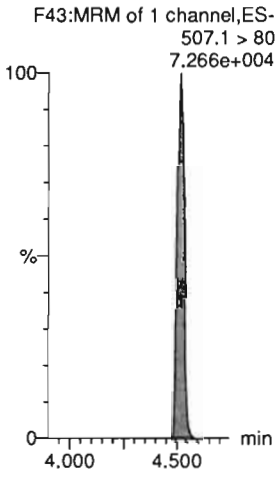

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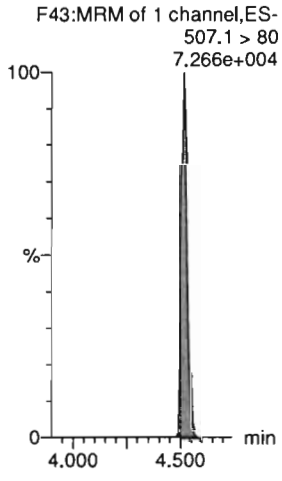

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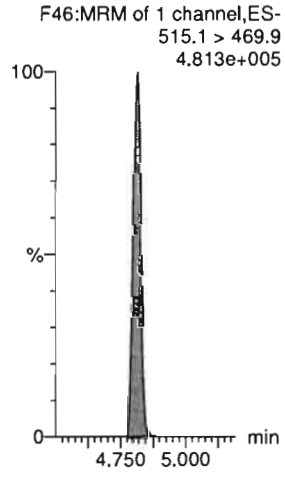
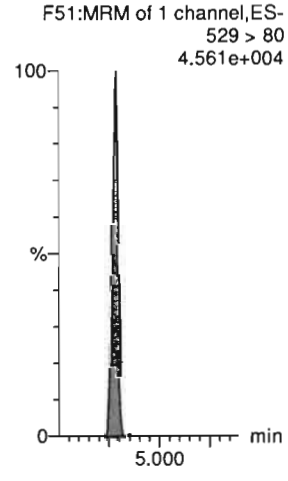


13C2-8:2 FTS-EIS



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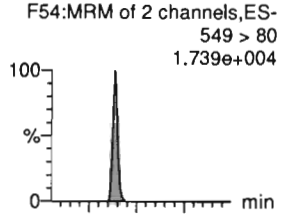
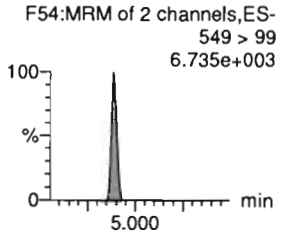
Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

PFNS





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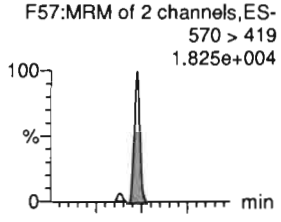

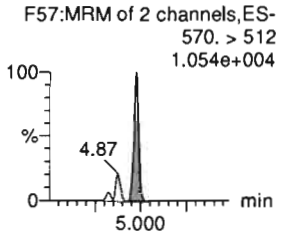

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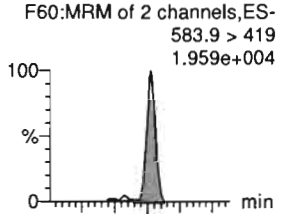

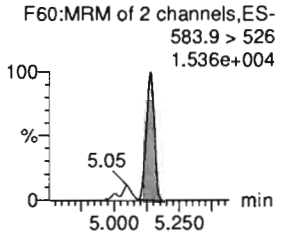

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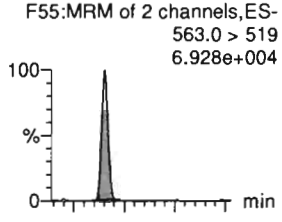

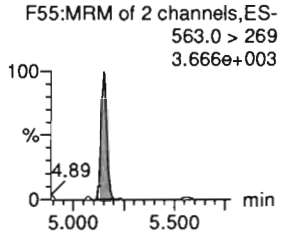

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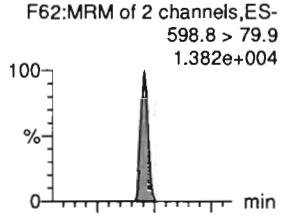

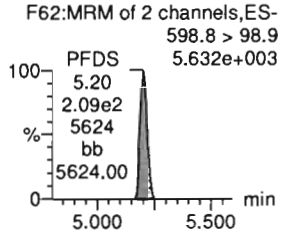

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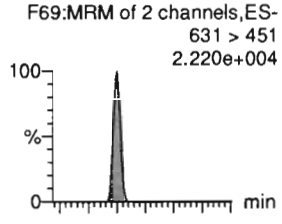
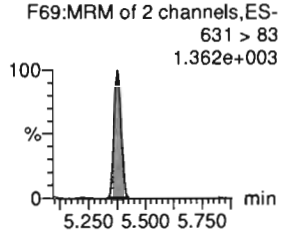
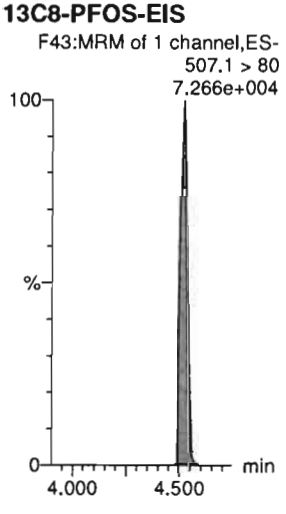
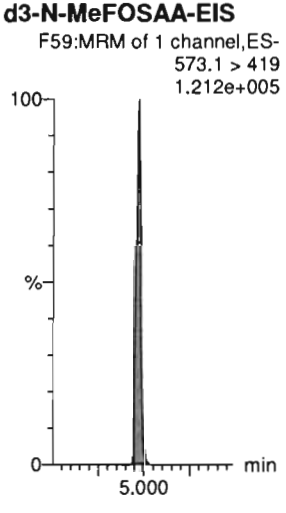




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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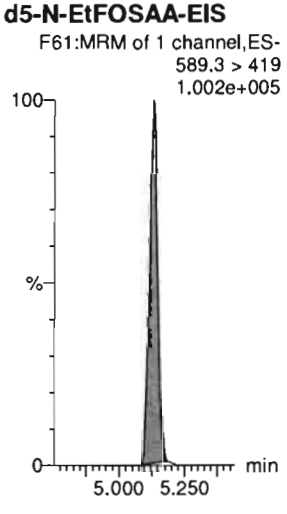

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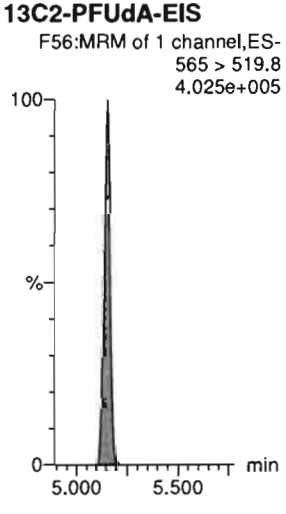

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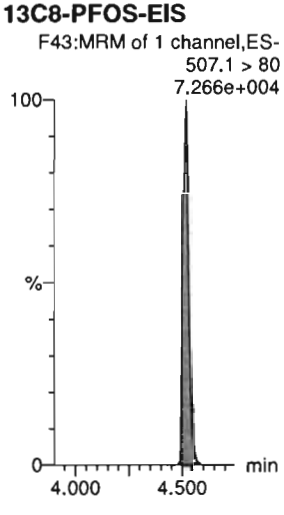

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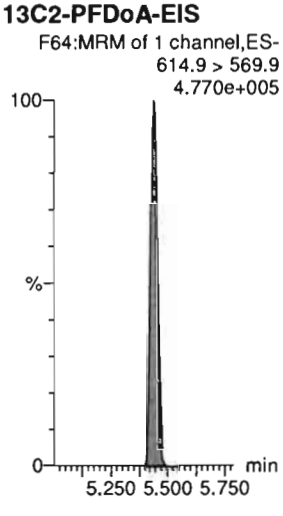

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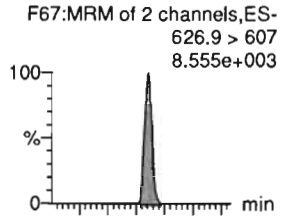
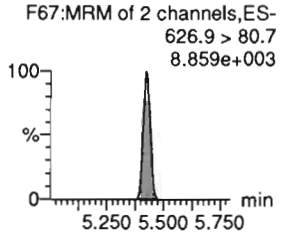
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

10:2 FTS





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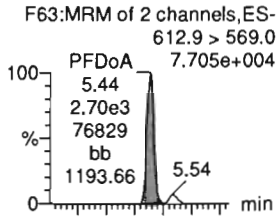

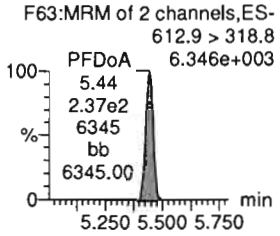

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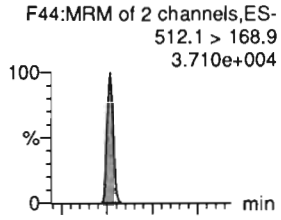

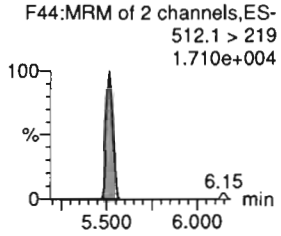

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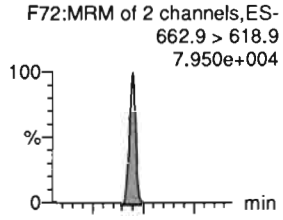

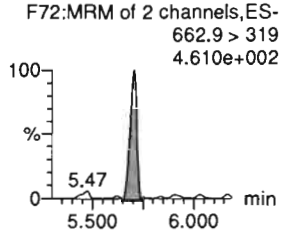

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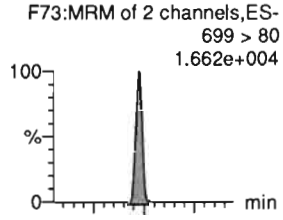

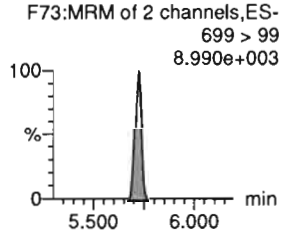

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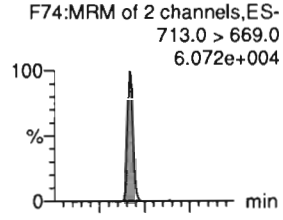

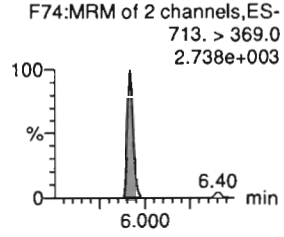

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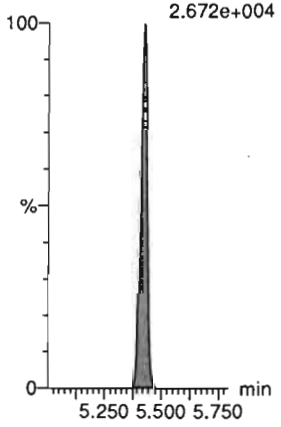
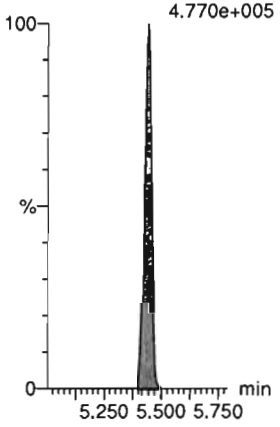
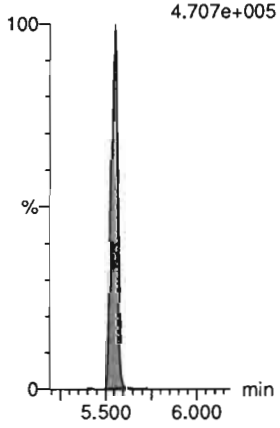


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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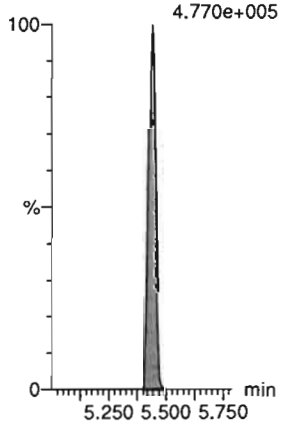

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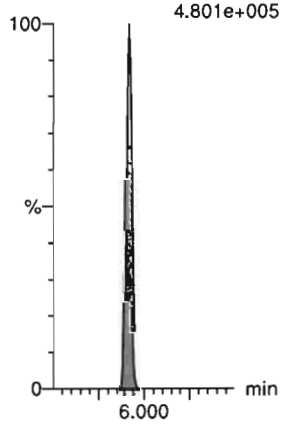

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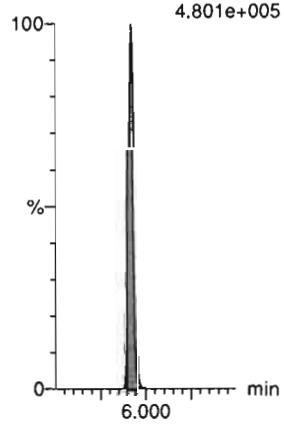

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Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

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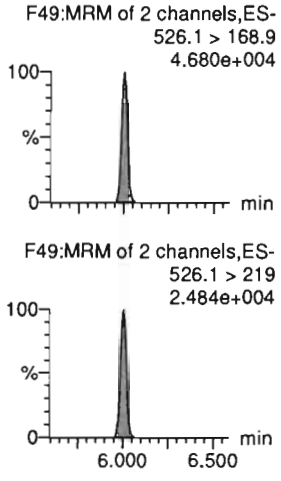

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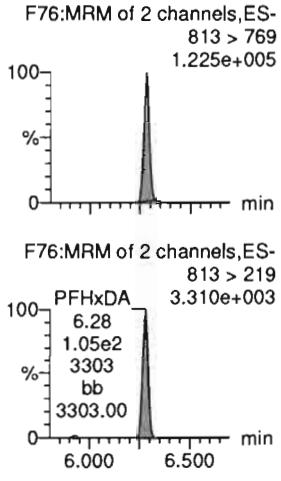

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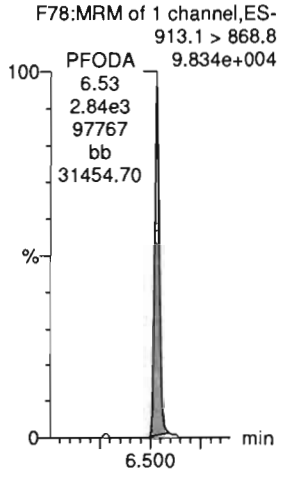

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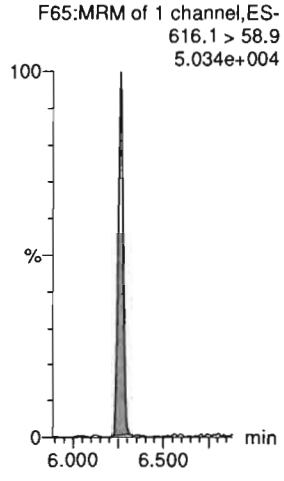

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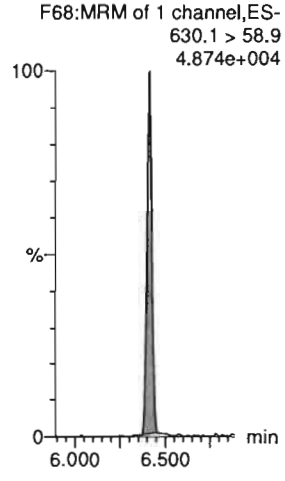
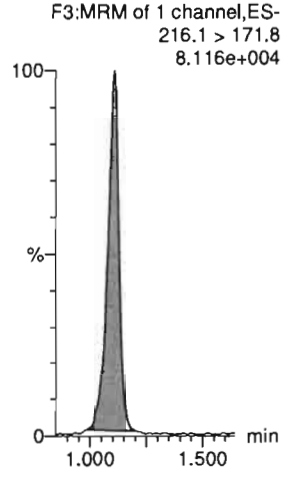
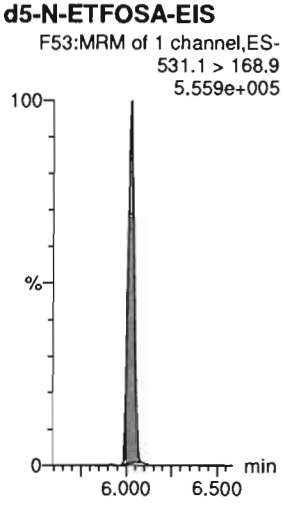


13C3-PFBA-RSD



d5-N-ETFOSA-EIS



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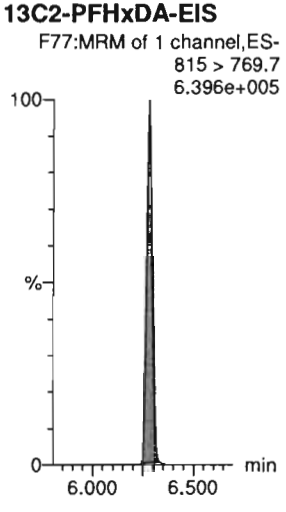

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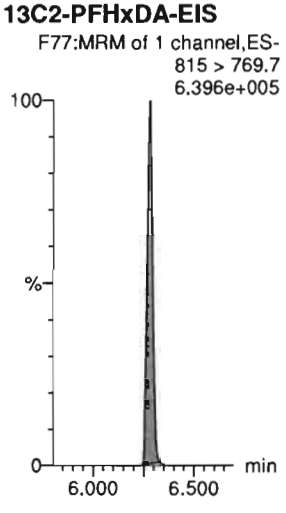

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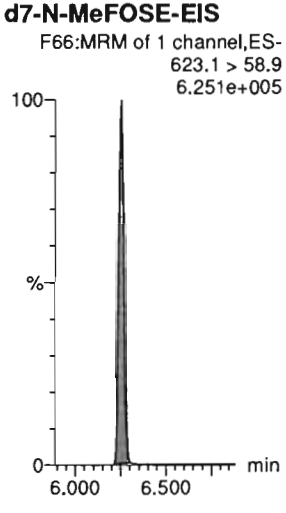

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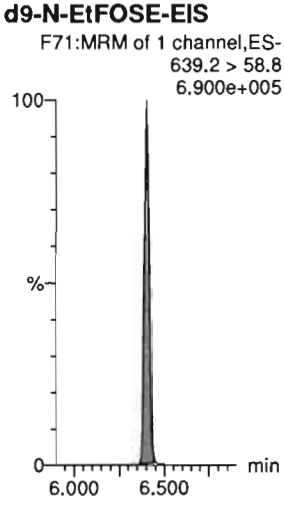

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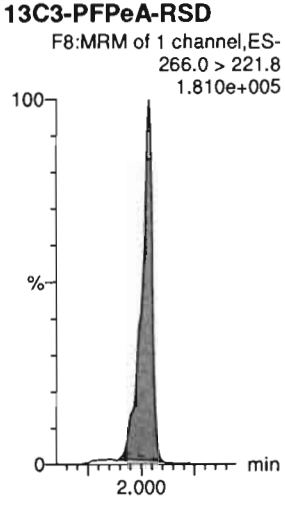

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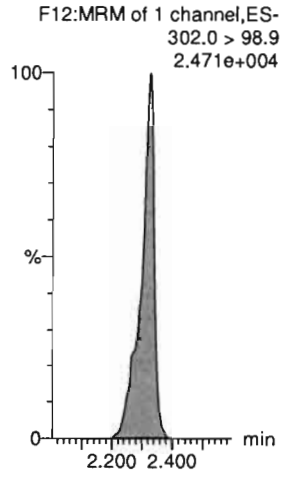
13C3-PFBS-RSD



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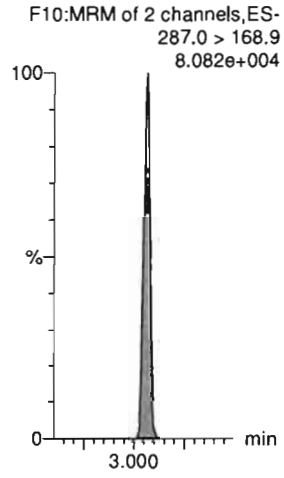

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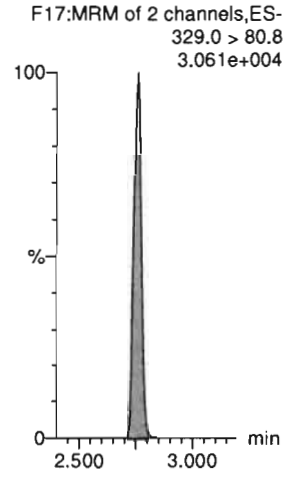

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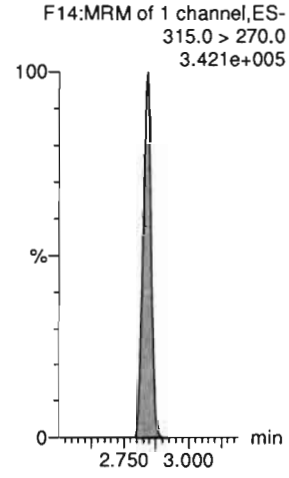

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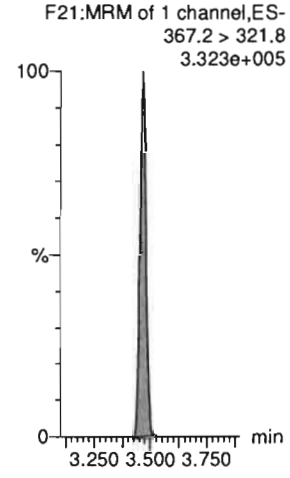

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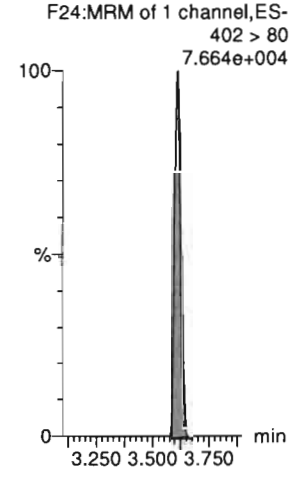
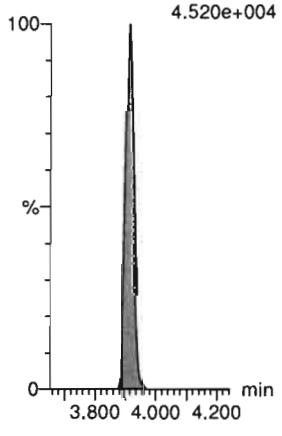


13C2-6:2 FTS-RSD



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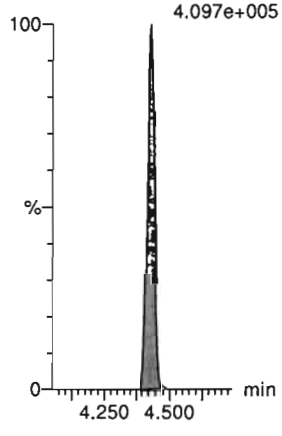

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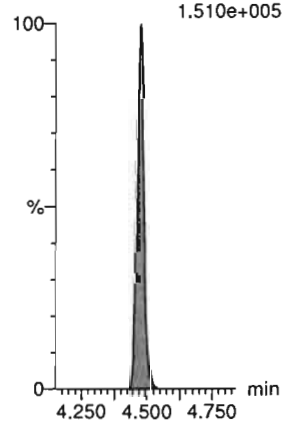

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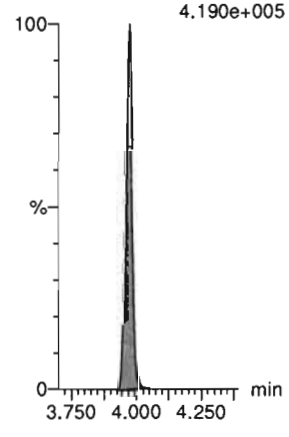

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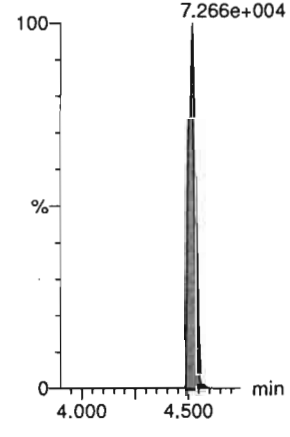

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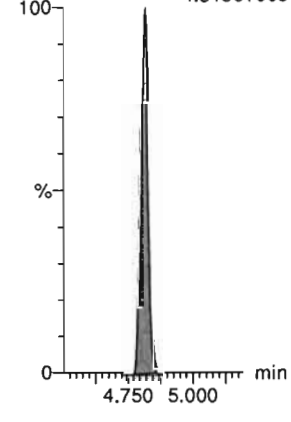

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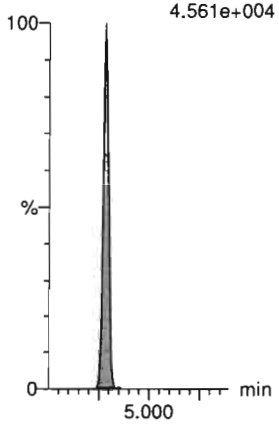
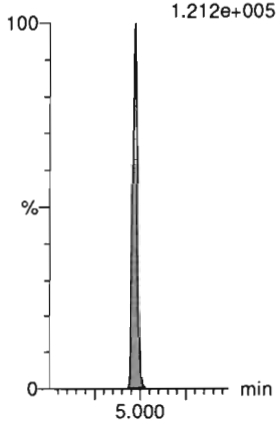
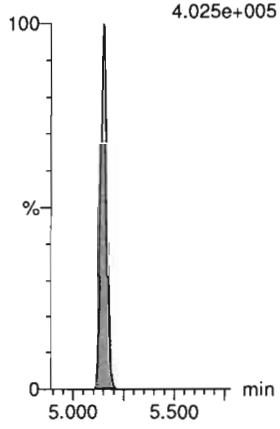
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.561e+004



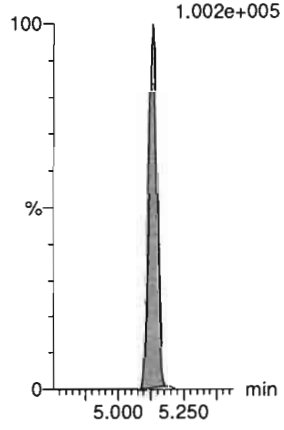
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.212e+005



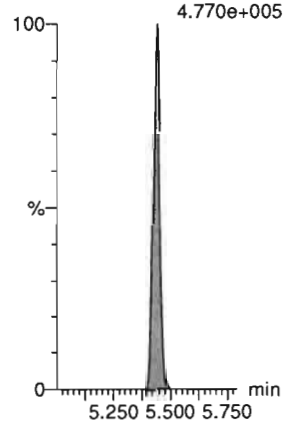
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.025e+005



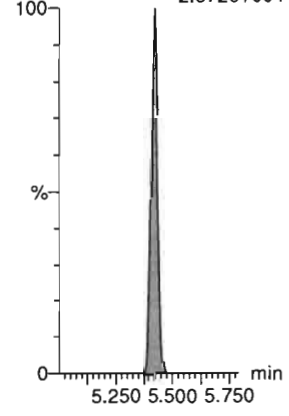
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.002e+005



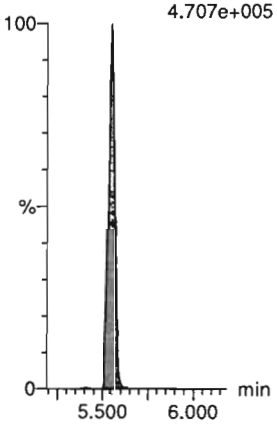
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.770e+005



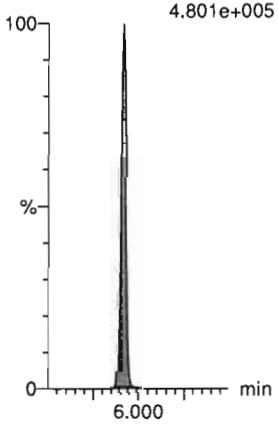
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.672e+004



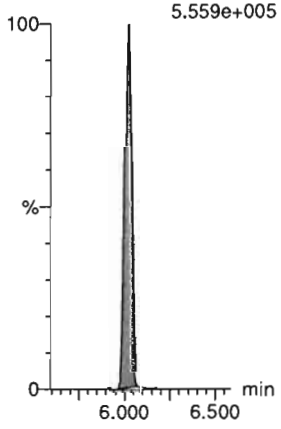
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.707e+005



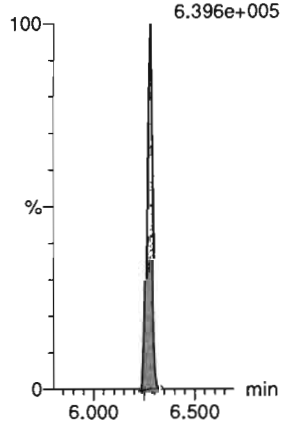
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.801e+005



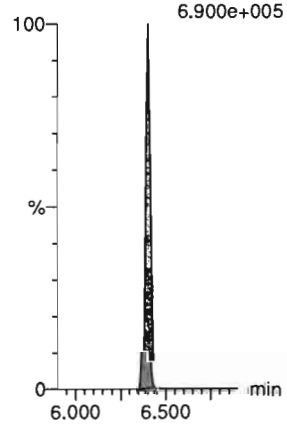
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.559e+005



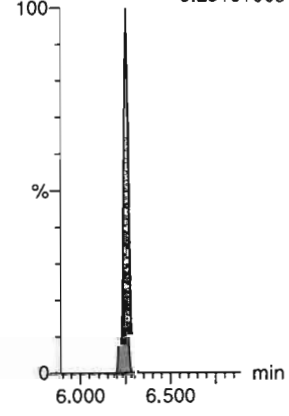
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.396e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.900e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.251e+005

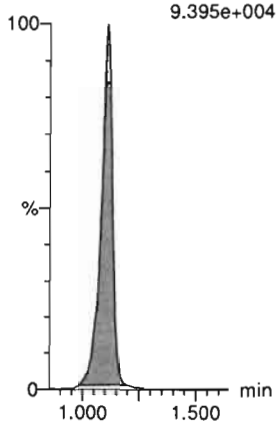


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

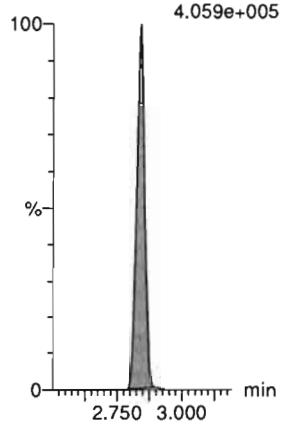
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-7, Date: 29-Jun-2020, Time: 12:09:33, ID: ST200629P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

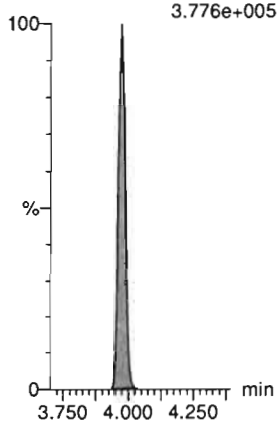
13C4-PFBA



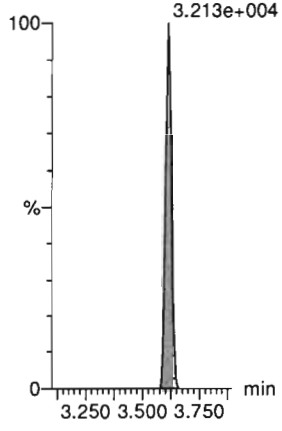
13C5-PFHxA



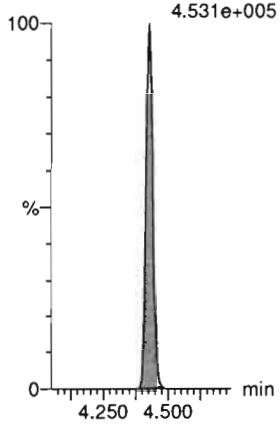
13C8-PFOA



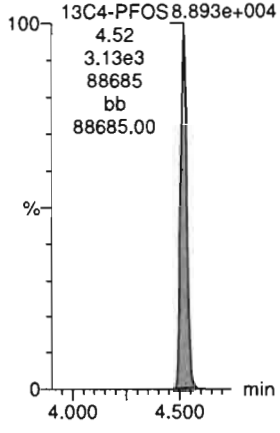
18O2-PFHxS



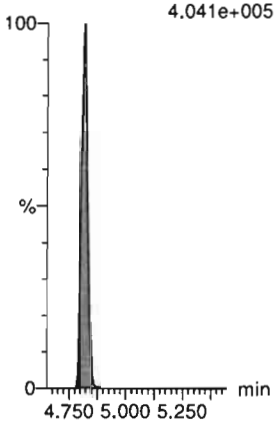
13C9-PFNA



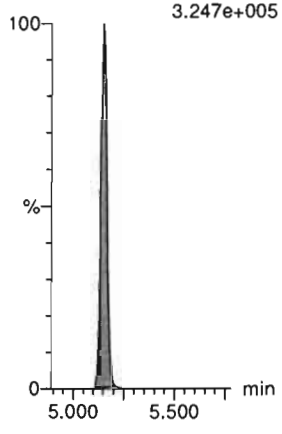
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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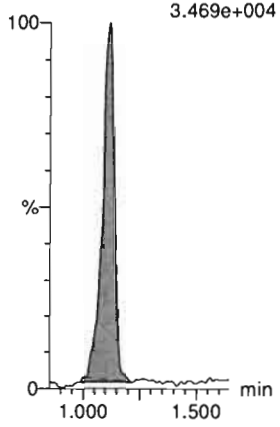
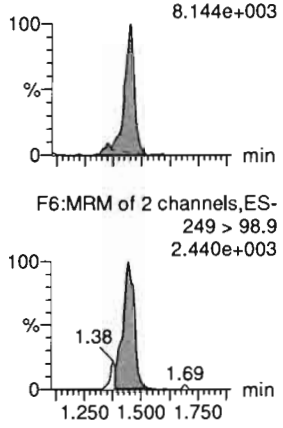
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

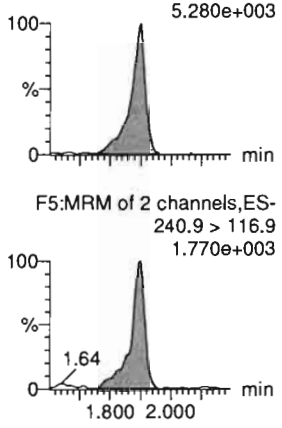
PFBA



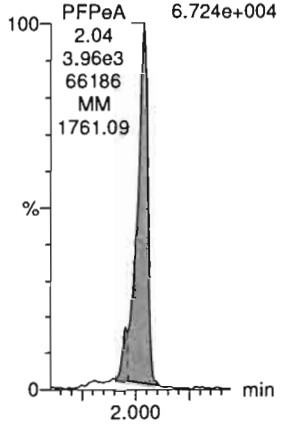
PFPrS



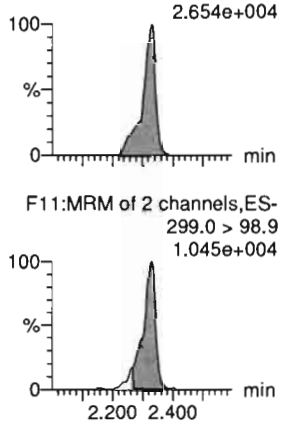
3:3 FTCA



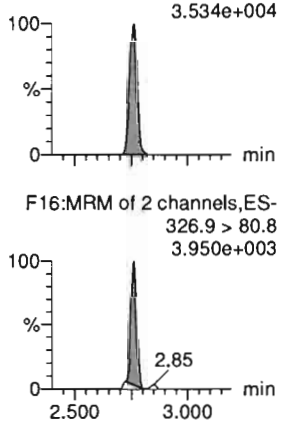
PFPeA



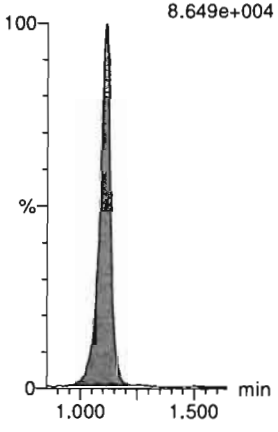
PFBS



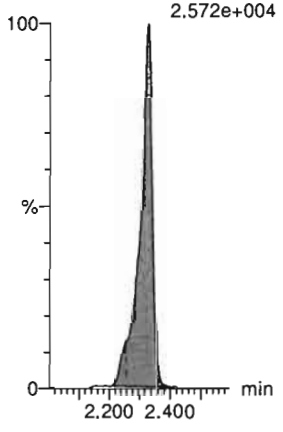
4:2 FTS



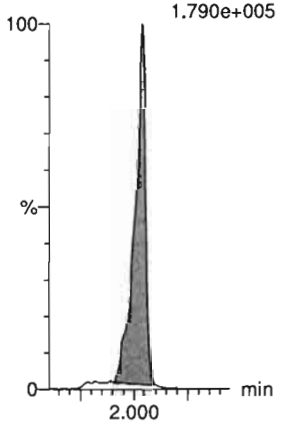
13C3-PFBA-EIS



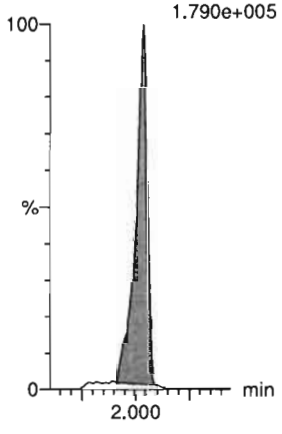
13C3-PFBS-EIS



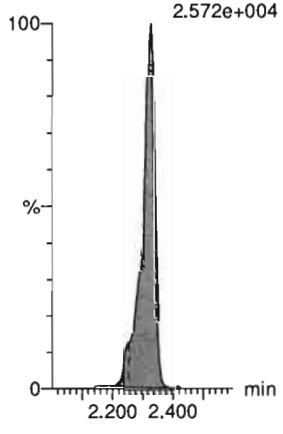
13C3-PFPeA-EIS



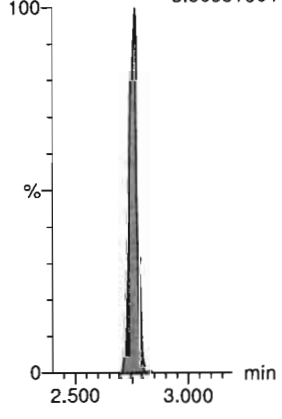
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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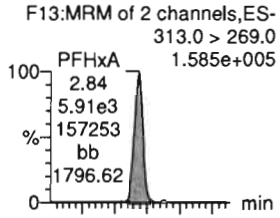
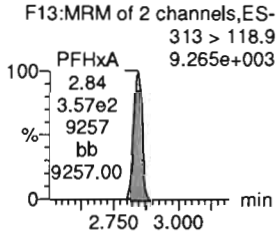
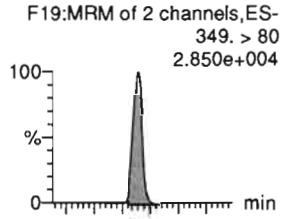
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

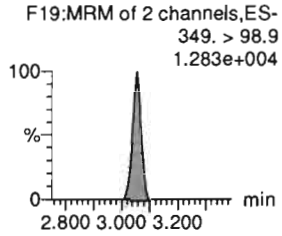
PFHxA



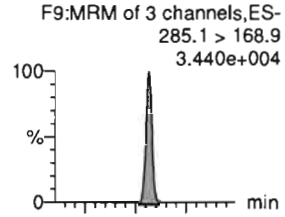


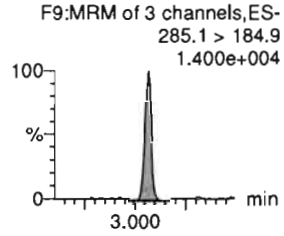
PFPeS



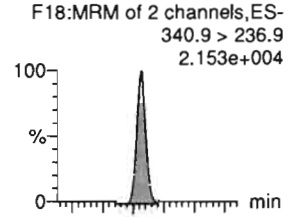


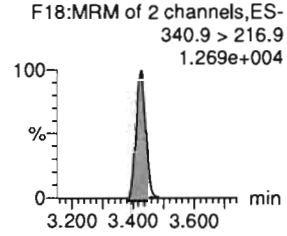
HFPO-DA



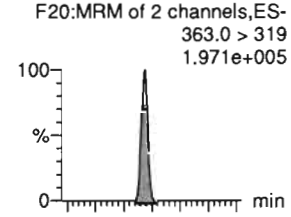


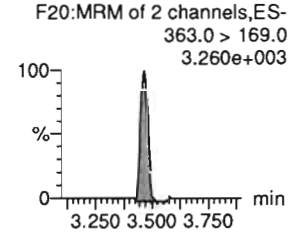
5:3 FTCA



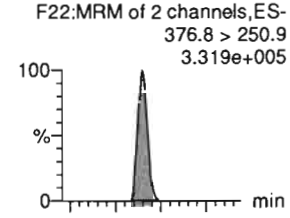


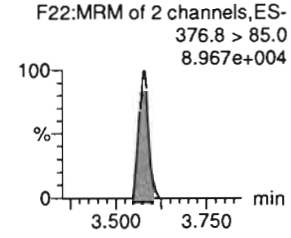
PFHpA



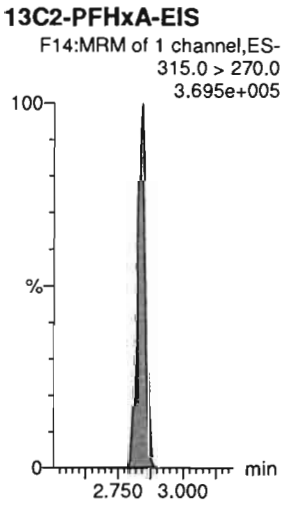


ADONA

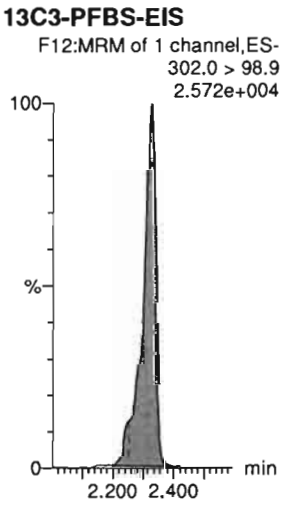




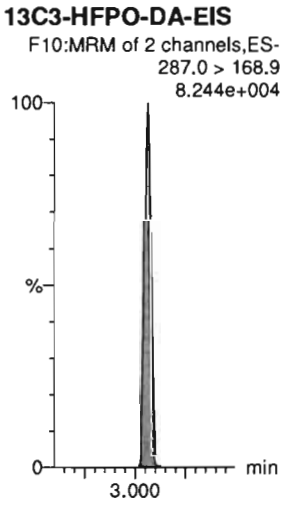
13C2-PFHxA-EIS



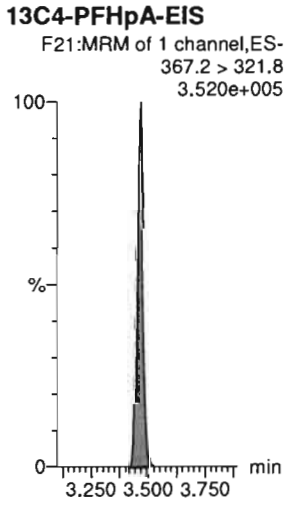
13C3-PFBS-EIS



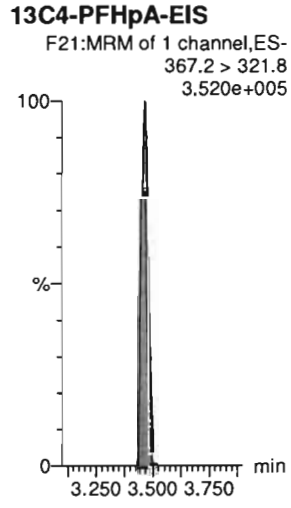
13C3-HFPO-DA-EIS



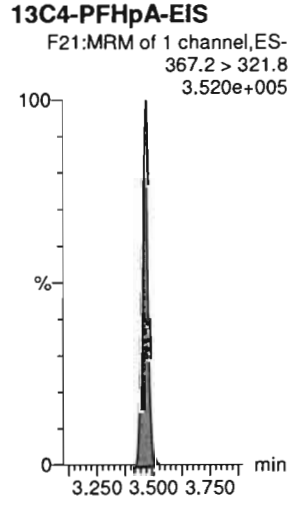
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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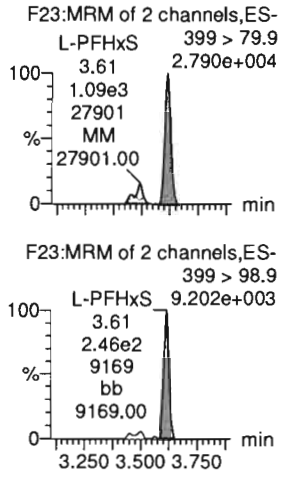
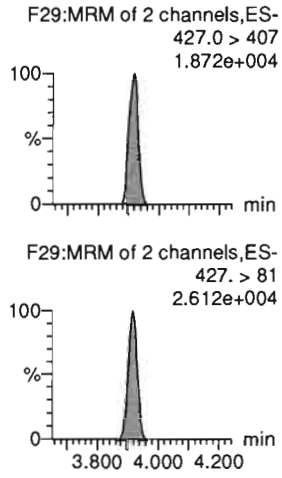
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

L-PFHxS



6:2 FTS



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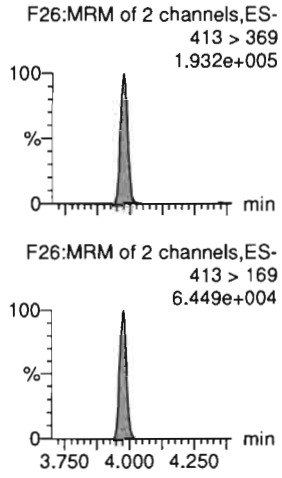

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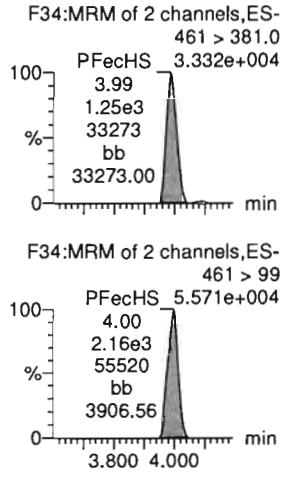

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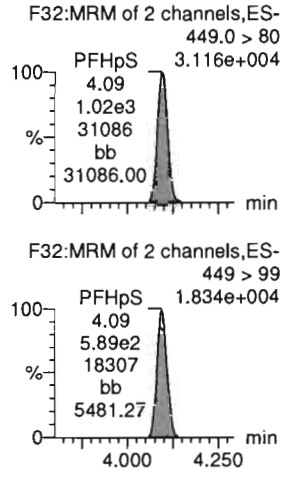
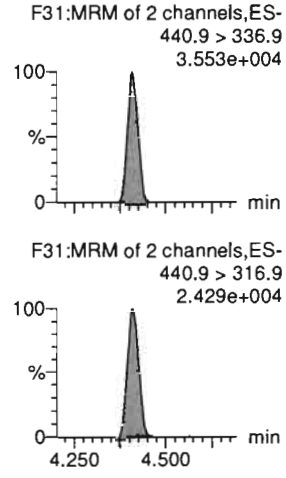
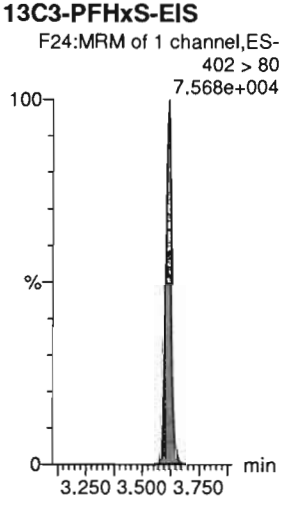


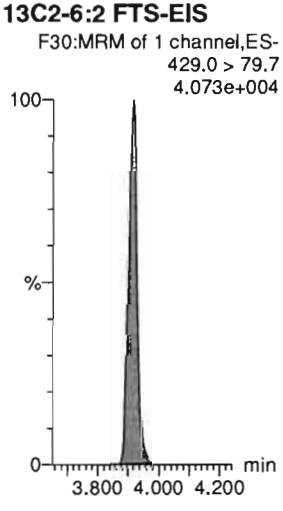
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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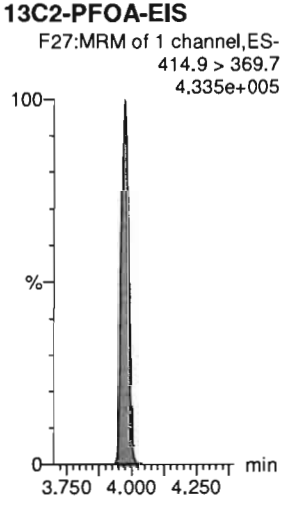

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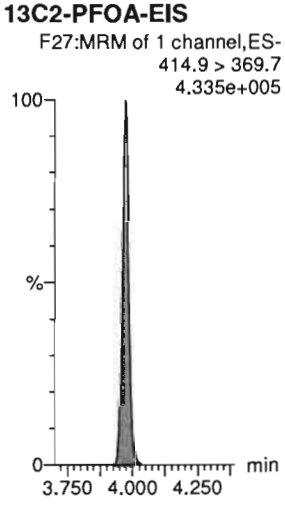
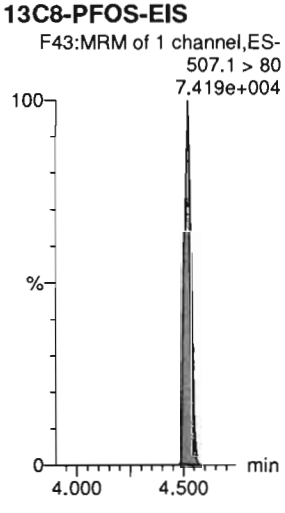
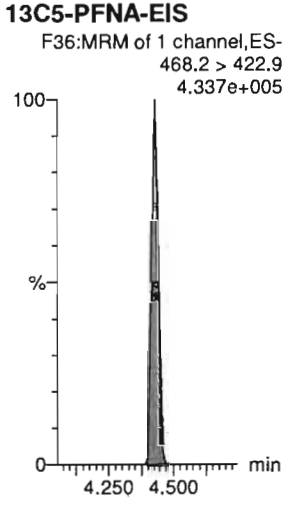


13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

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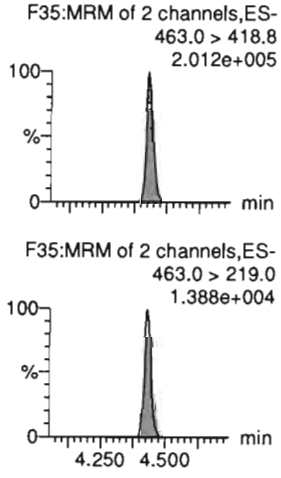

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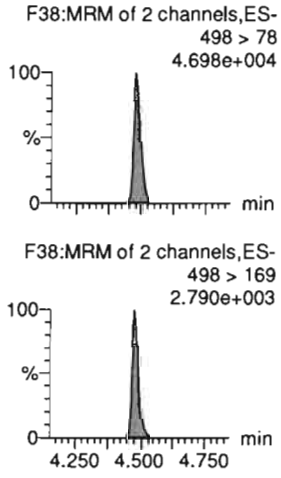

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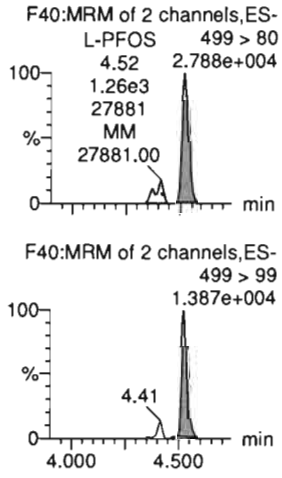

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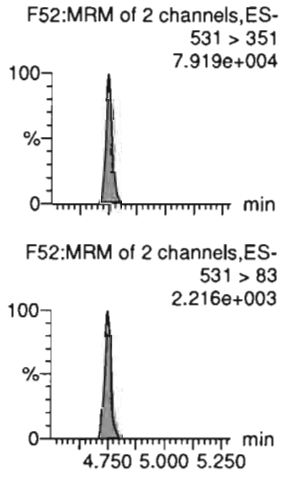

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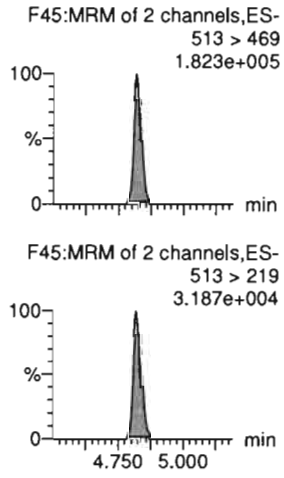
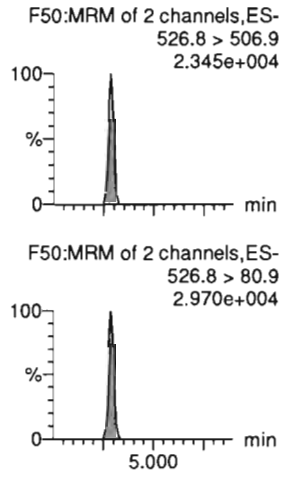


8:2 FTS



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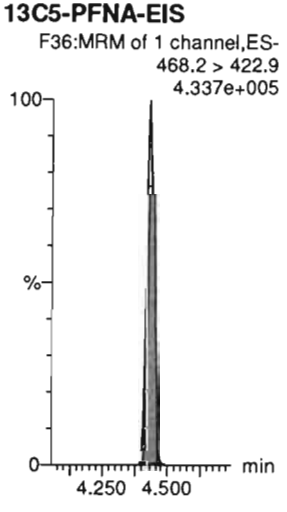

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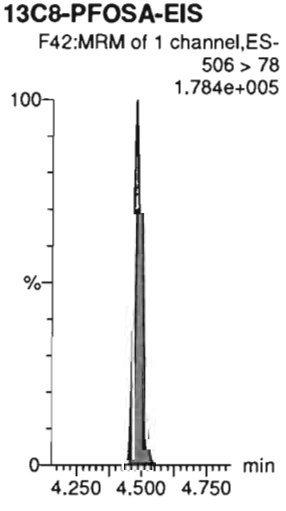

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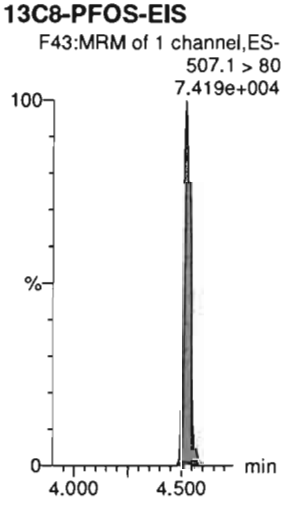

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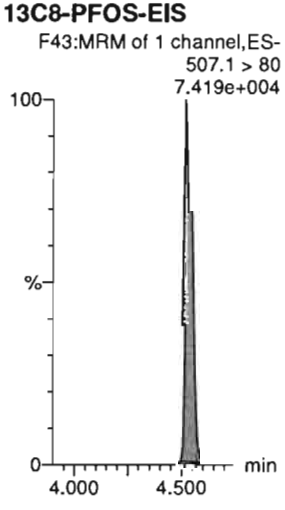

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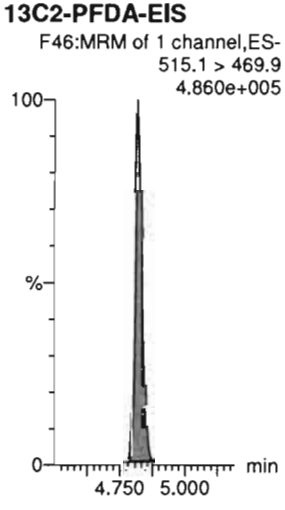
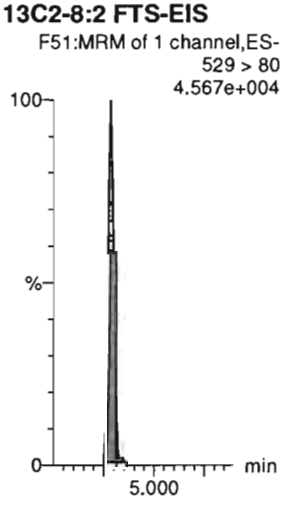


13C2-8:2 FTS-EIS



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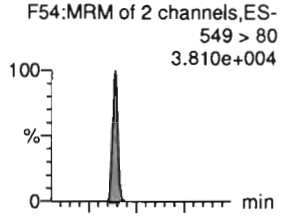
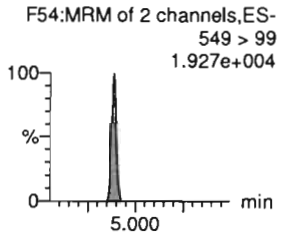
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

PFNS





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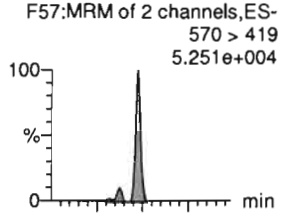

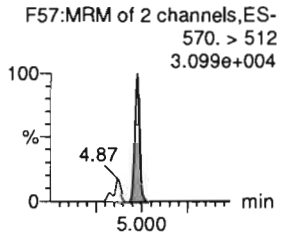

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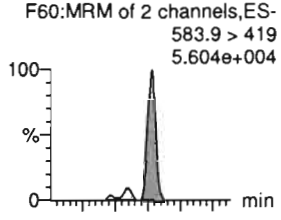

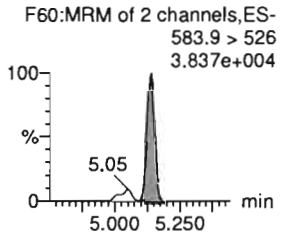

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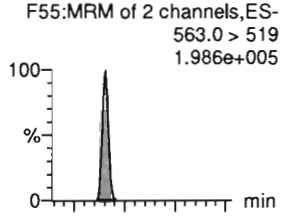

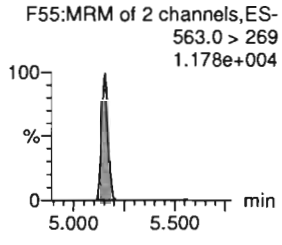

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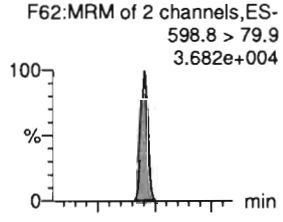

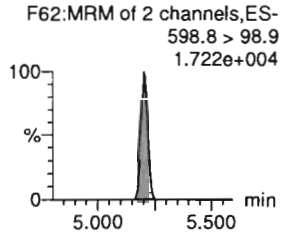

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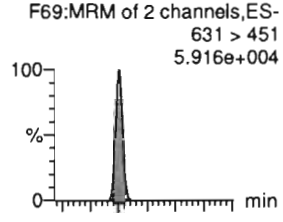

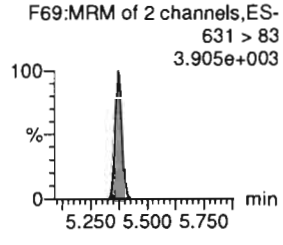

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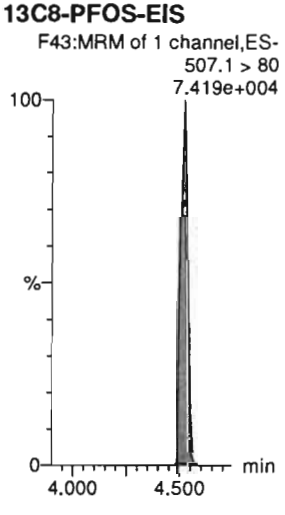

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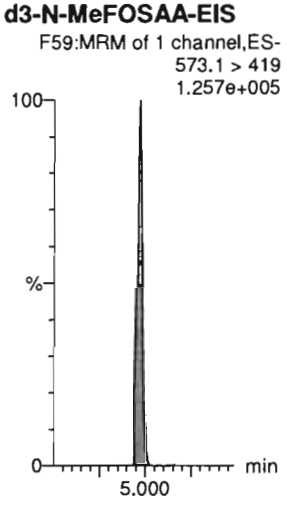

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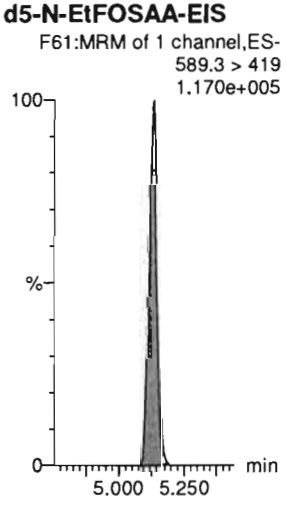

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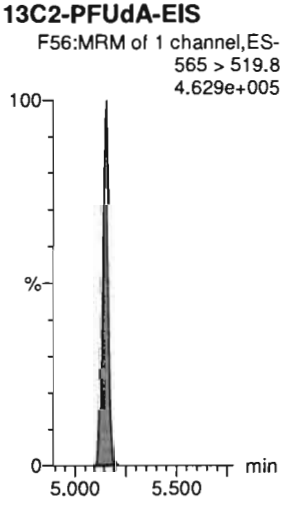

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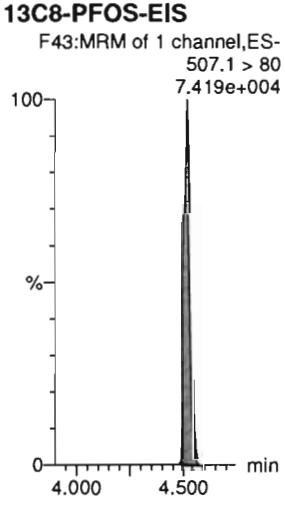

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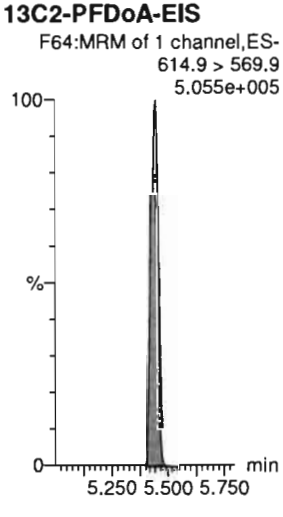

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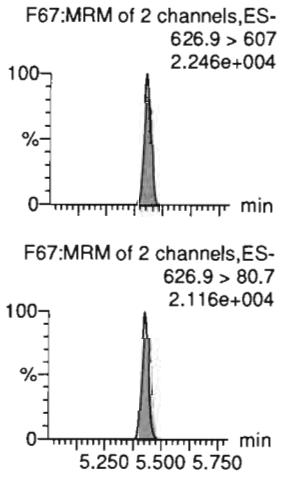
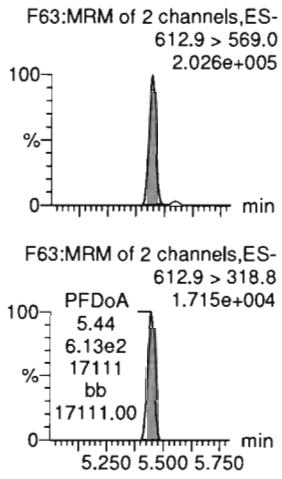
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

10:2 FTS



PFDoA



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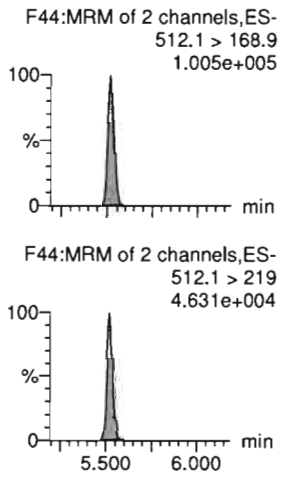

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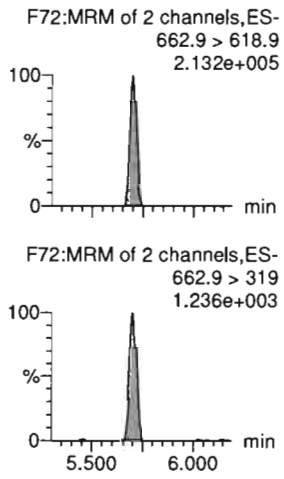

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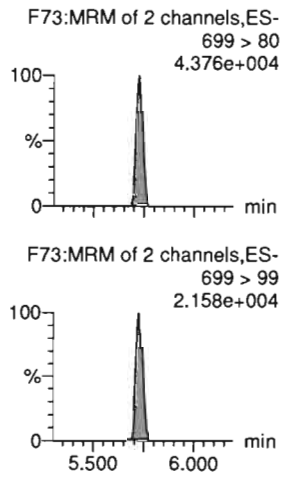

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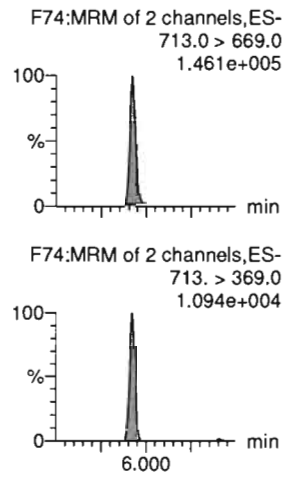
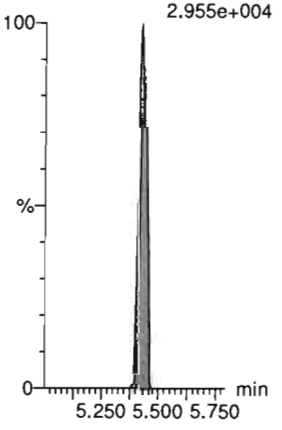


13C2-10:2 FTS-EIS



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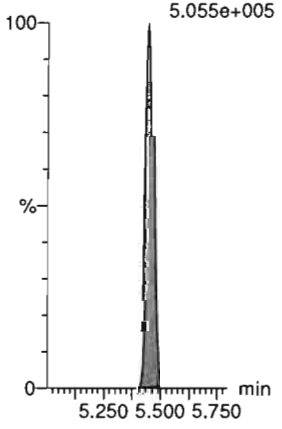

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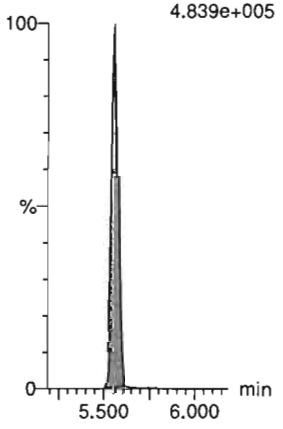

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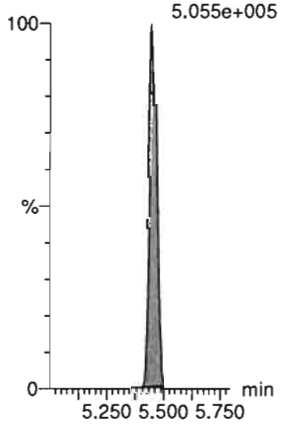
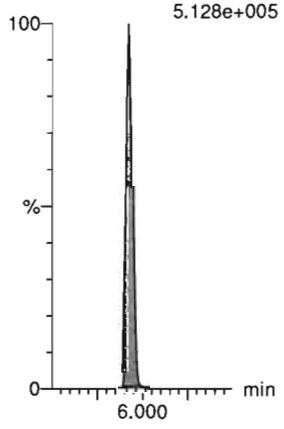
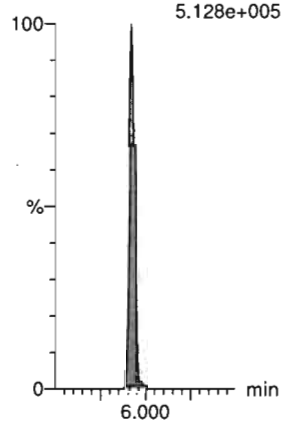


13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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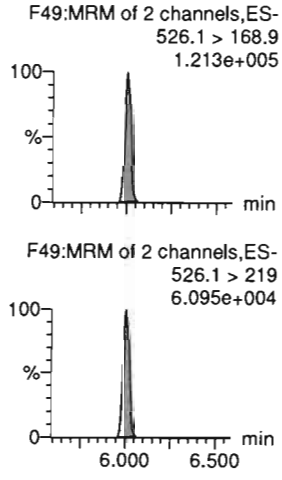
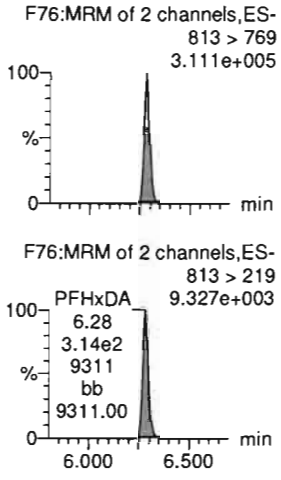
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

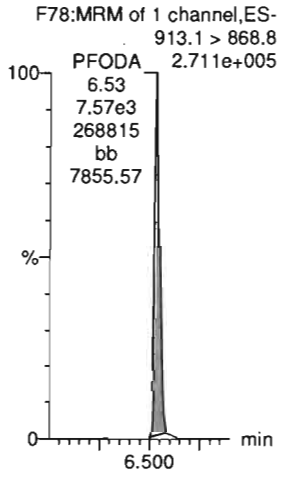
N-EtFOSA



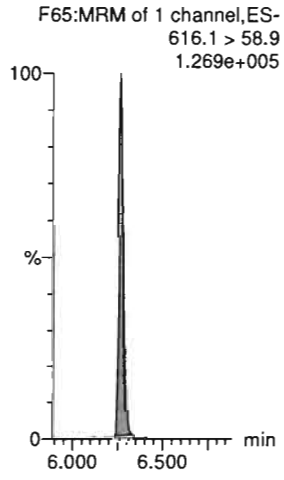
PFHxDA



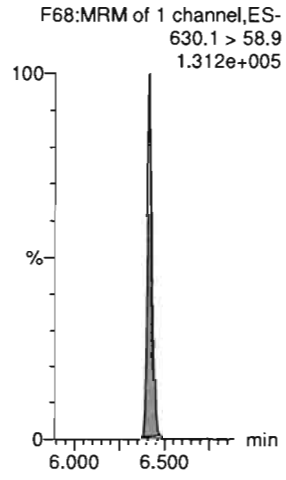
PFODA



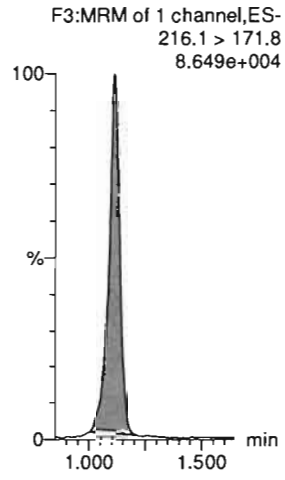
N-MeFOSE



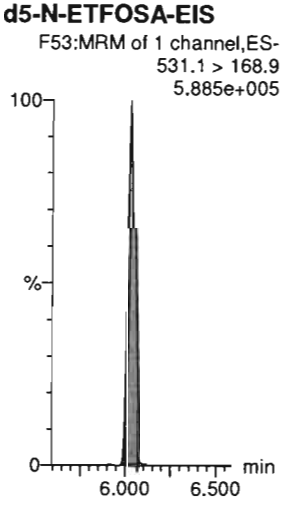
N-EtFOSE



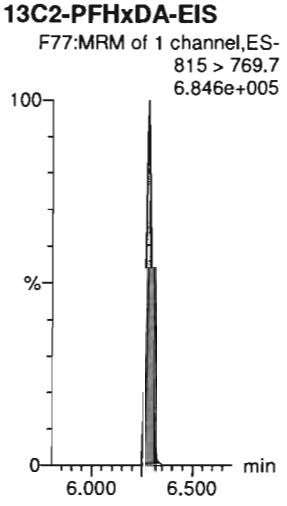
13C3-PFBA-RSD



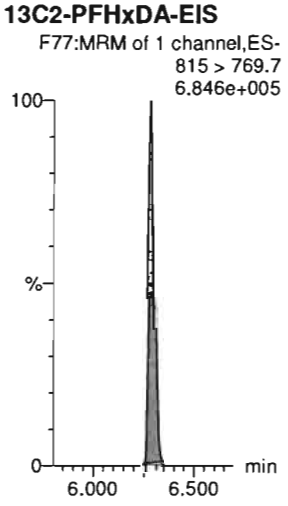
d5-N-ETFOSA-EIS



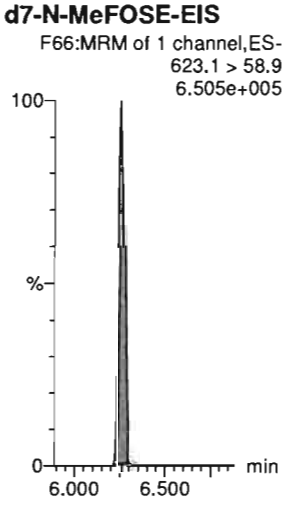
13C2-PFHxDA-EIS



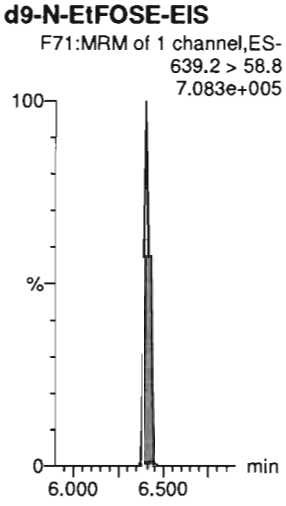
13C2-PFHxDA-EIS



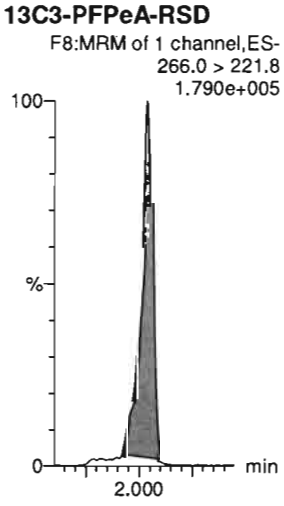
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

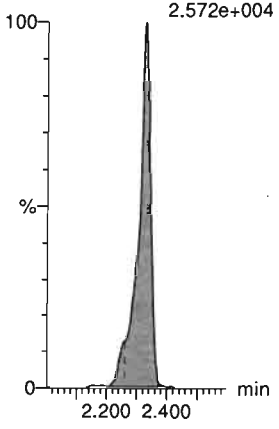


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

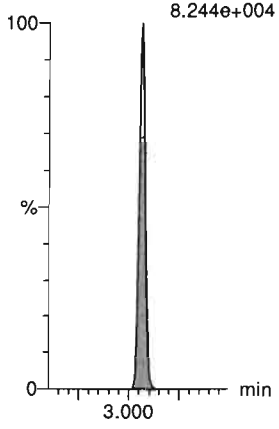
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

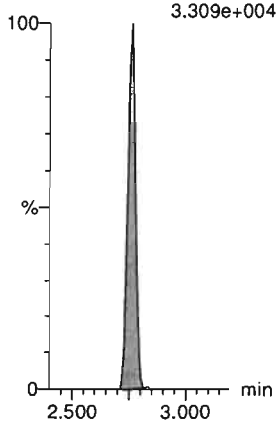
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.572e+004



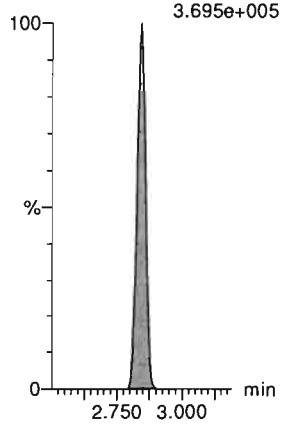
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.244e+004



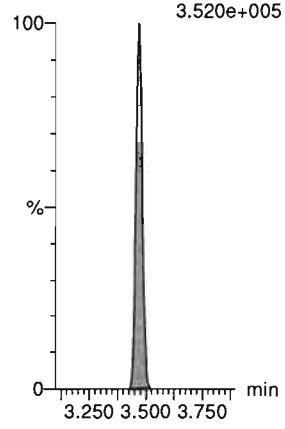
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.309e+004



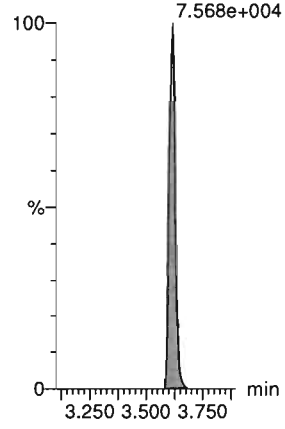
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.695e+005



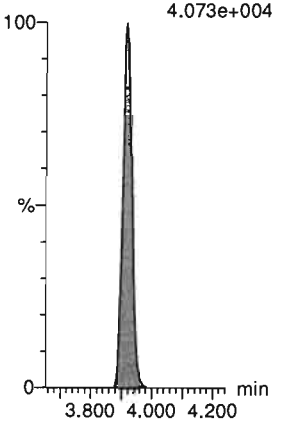
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.520e+005



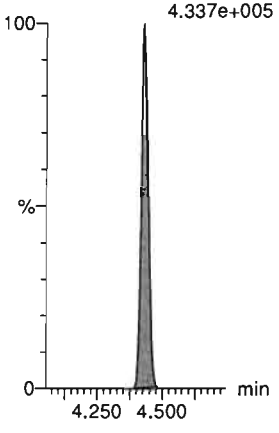
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.568e+004



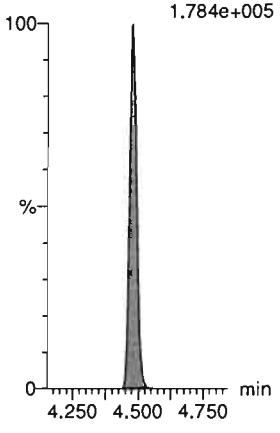
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.073e+004



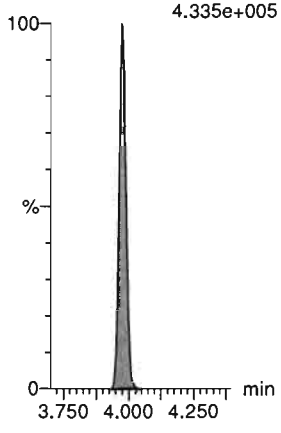
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.337e+005



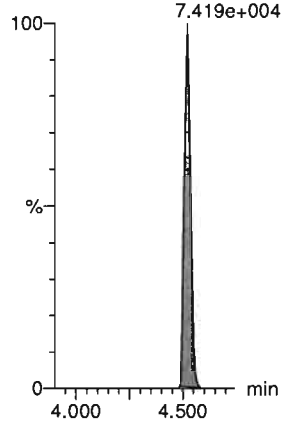
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.784e+005



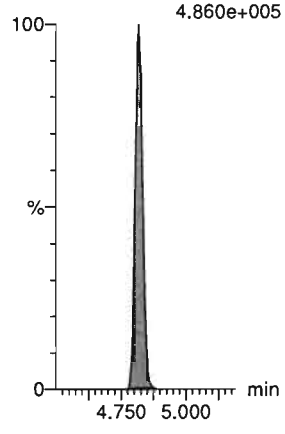
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.335e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.419e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.860e+005



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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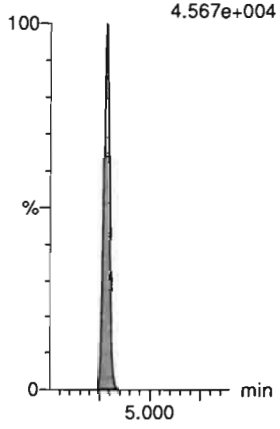
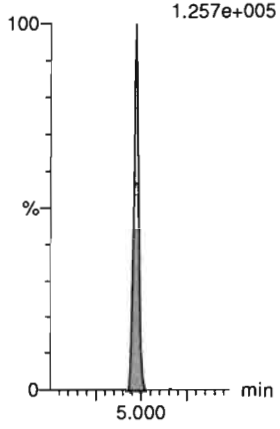
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

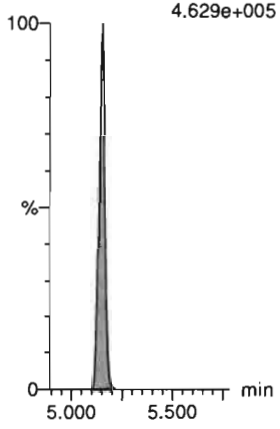
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.567e+004



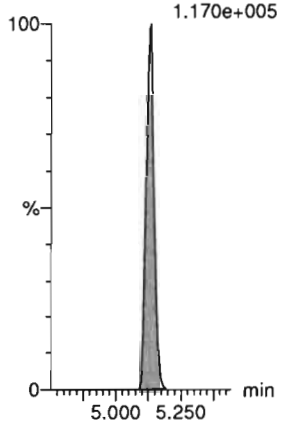
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.257e+005



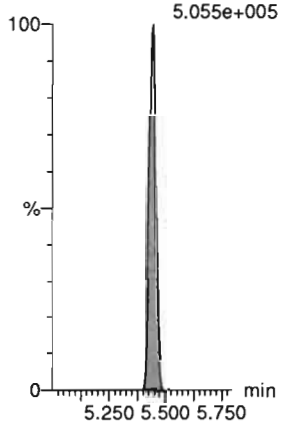
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.629e+005



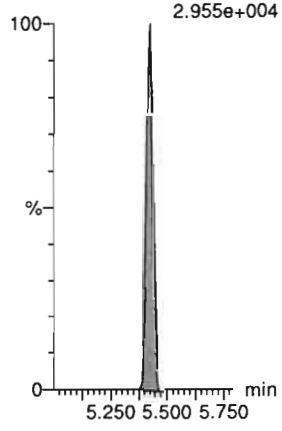
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.170e+005



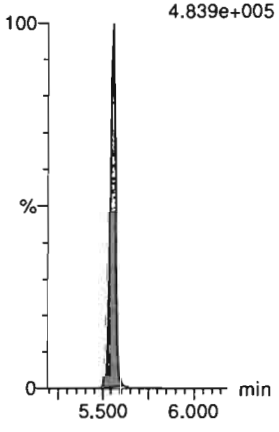
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.055e+005



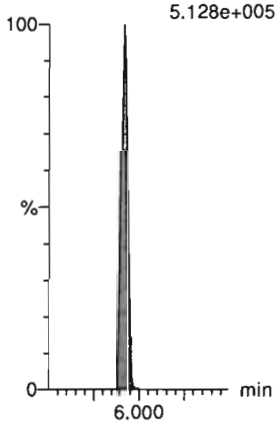
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.955e+004



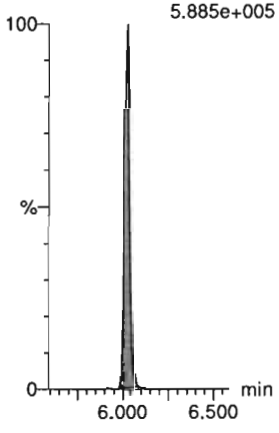
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.839e+005



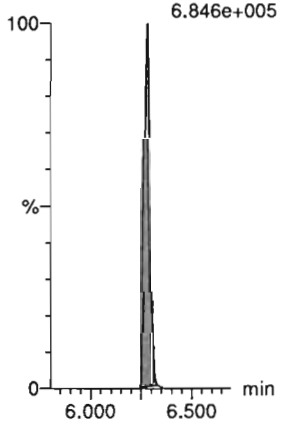
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.128e+005



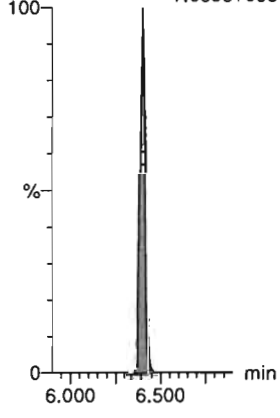
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.885e+005



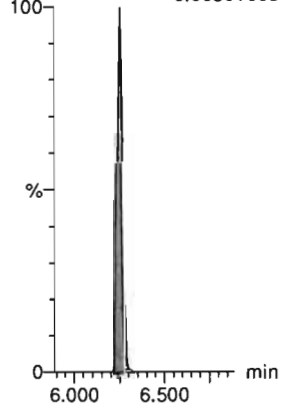
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.846e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.083e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.505e+005



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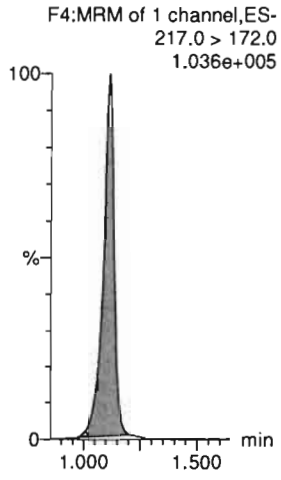
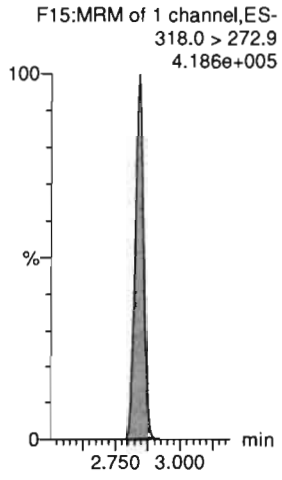
Name: 200629P1-8, Date: 29-Jun-2020, Time: 12:20:02, ID: ST200629P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

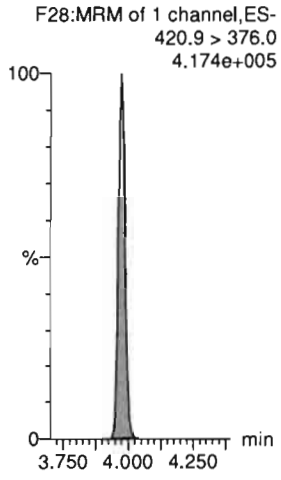
13C4-PFBA



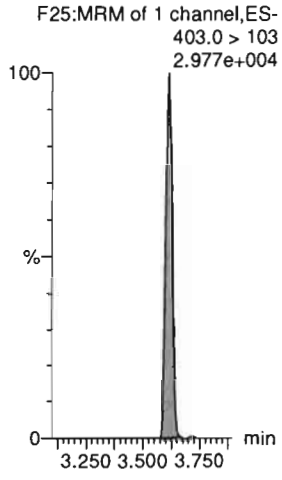
13C5-PFHxA



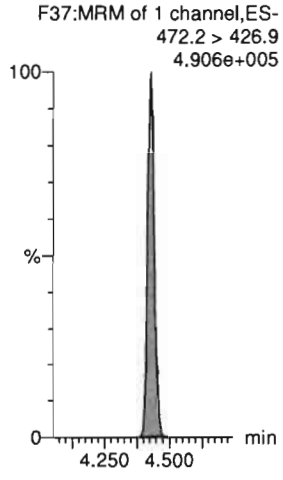
13C8-PFOA



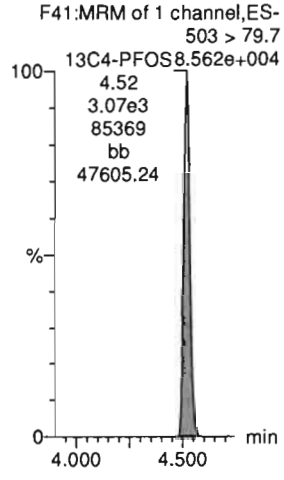
18O2-PFHxS



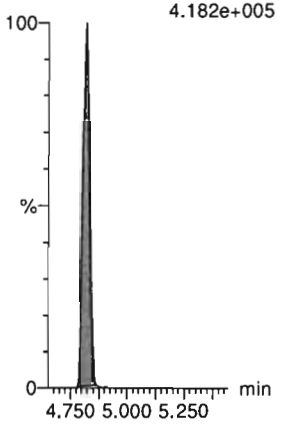
13C9-PFNA



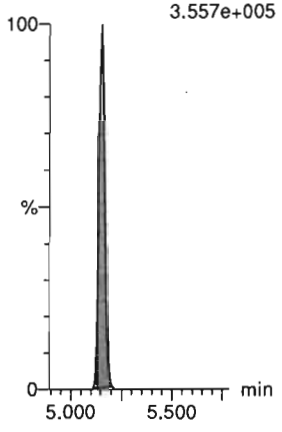
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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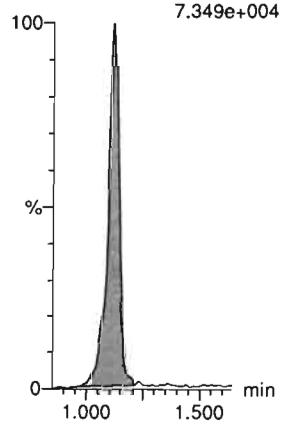
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFBA



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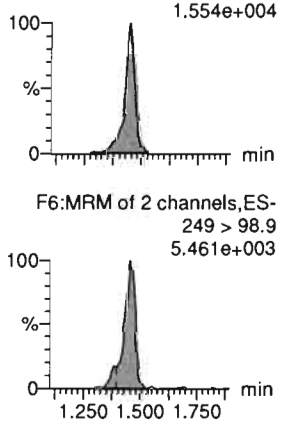
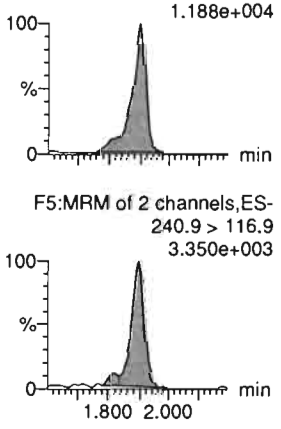


3:3 FTCA



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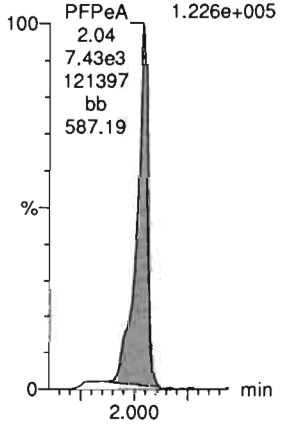
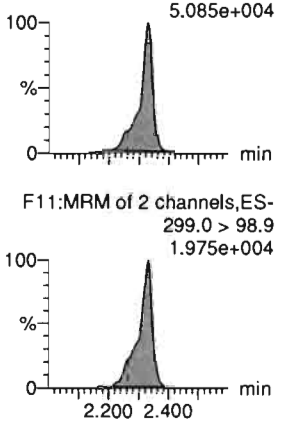
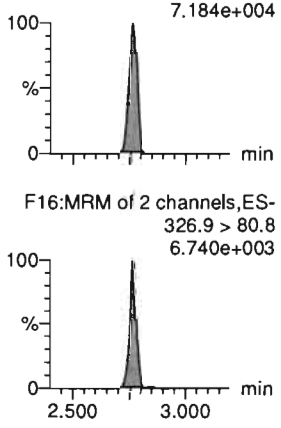


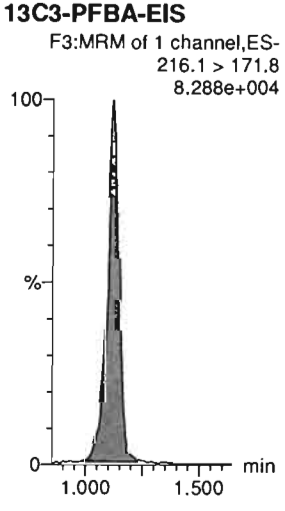
PFBS



4:2 FTS



13C3-PFBA-EIS



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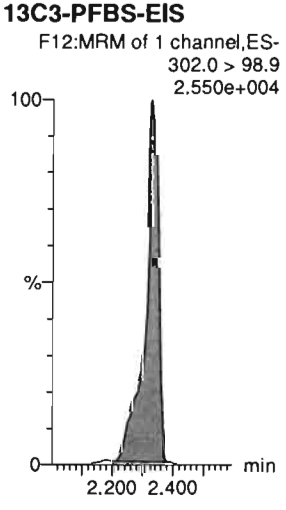

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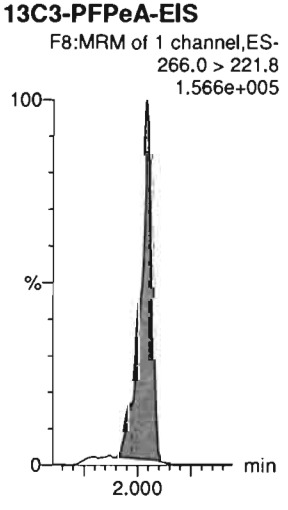

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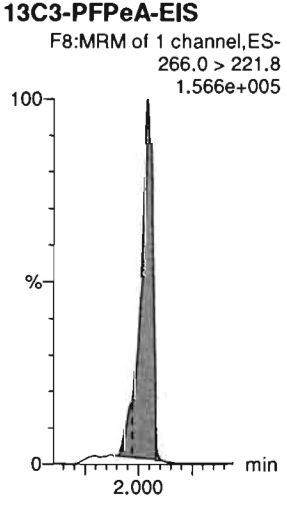

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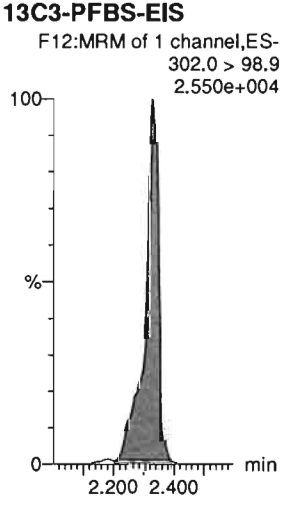
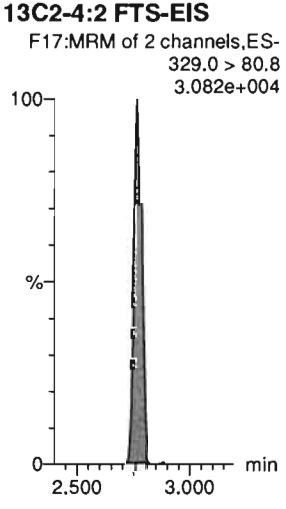


13C2-4:2 FTS-EIS



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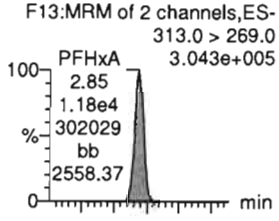
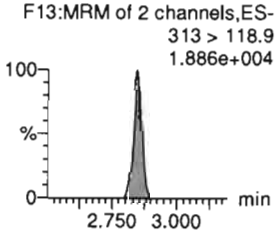
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFHxA





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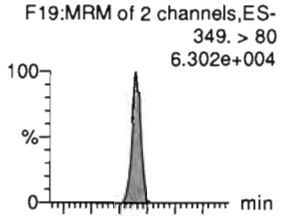
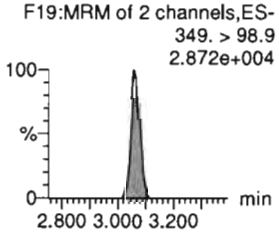
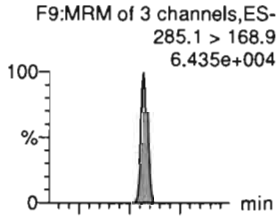
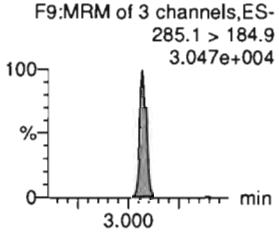


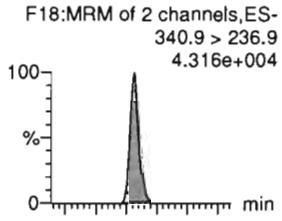


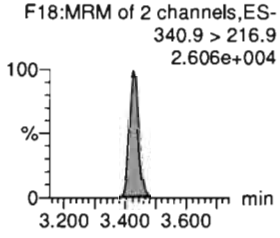
HFPO-DA





5:3 FTCA





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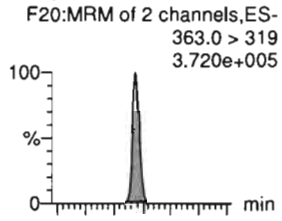

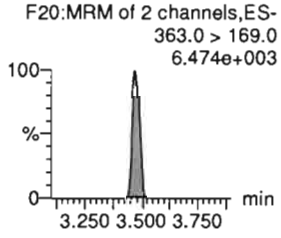

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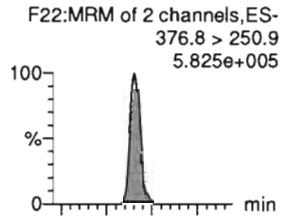

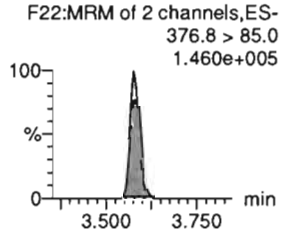

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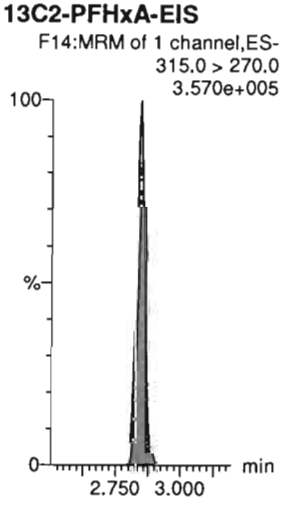
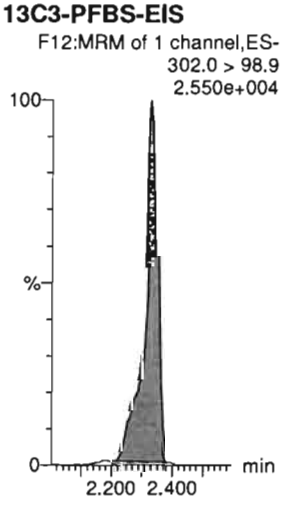
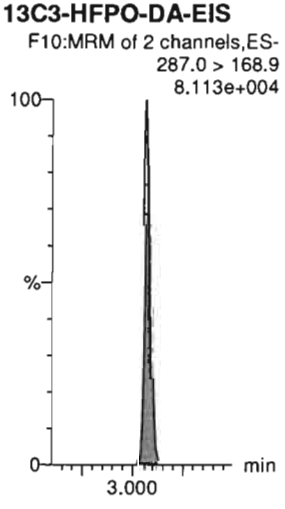


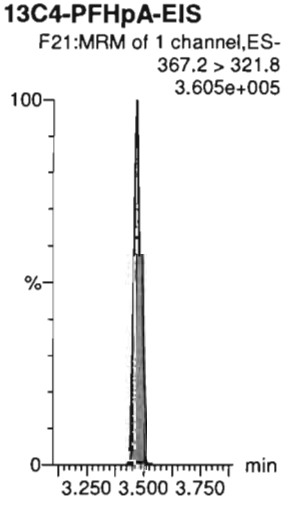
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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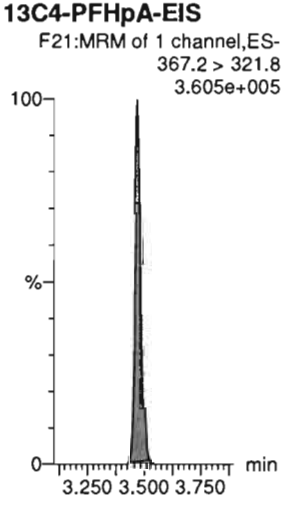

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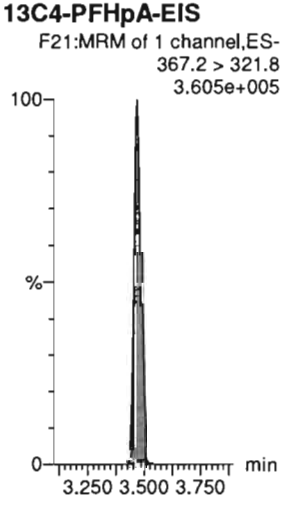

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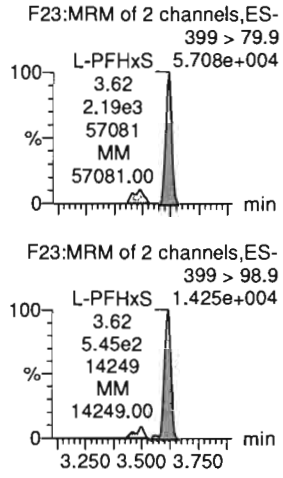
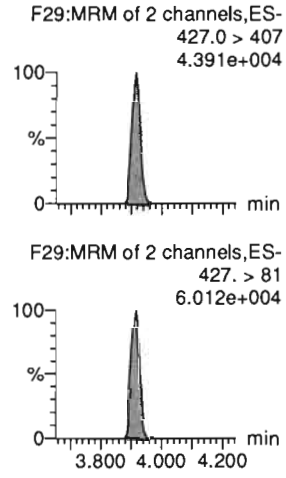
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

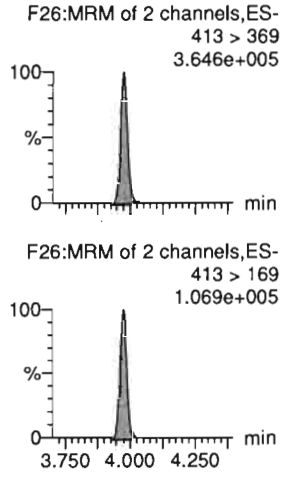
L-PFHxS



6:2 FTS



L-PFOA



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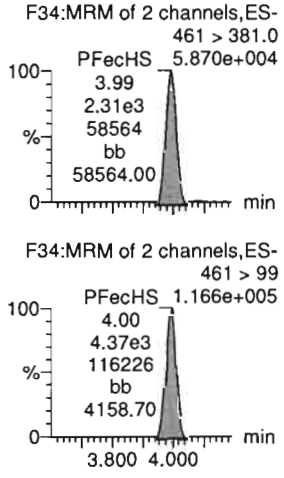
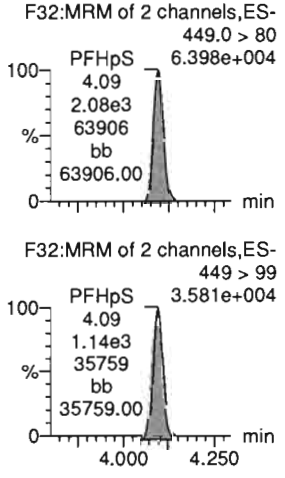
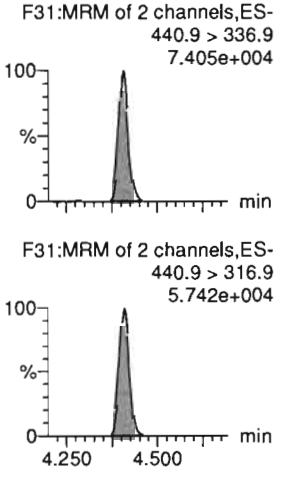


PFHpS



7:3 FTCA



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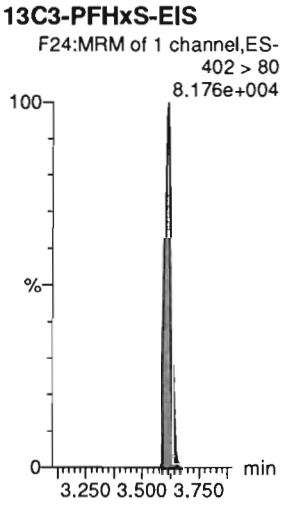
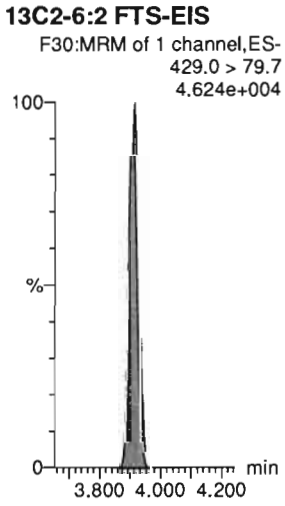


13C2-6:2 FTS-EIS



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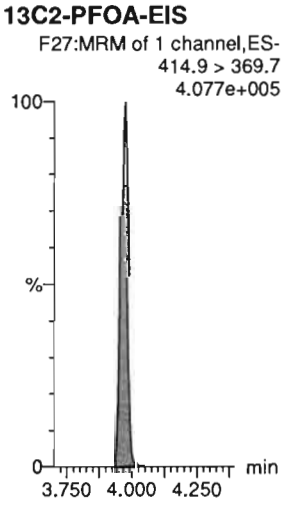

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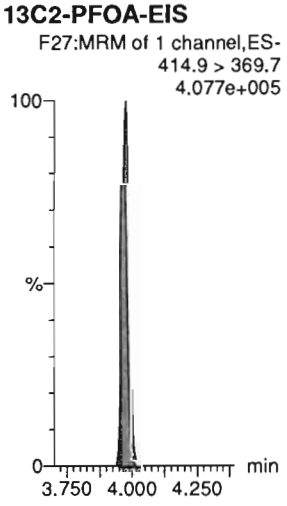
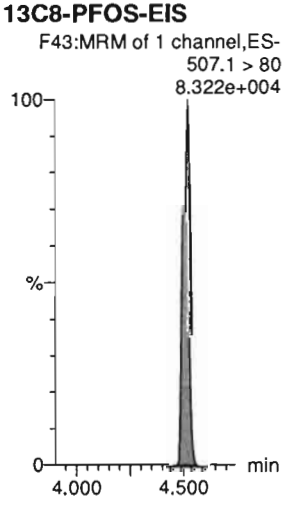
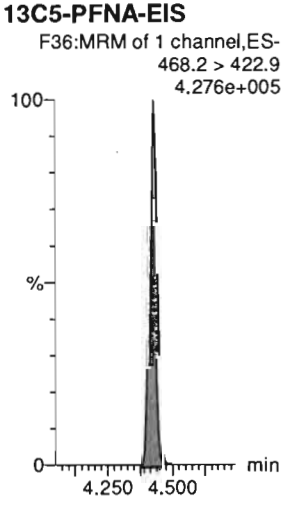


13C8-PFOS-EIS



13C5-PFNA-EIS



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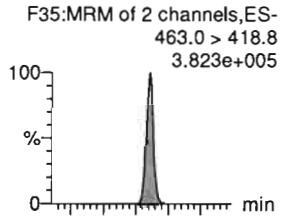
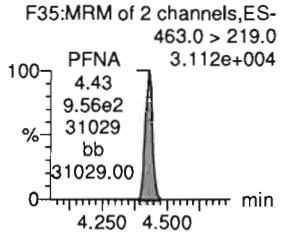
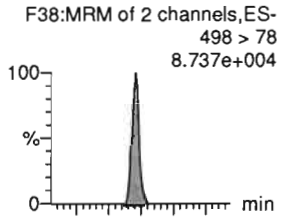
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

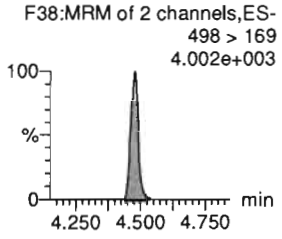
PFNA



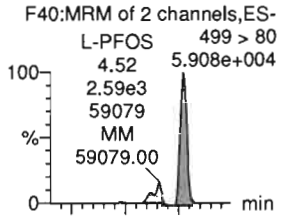


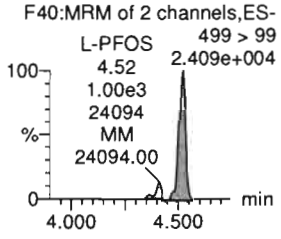
PFOSA





L-PFOS





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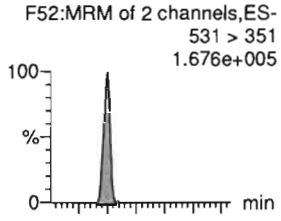

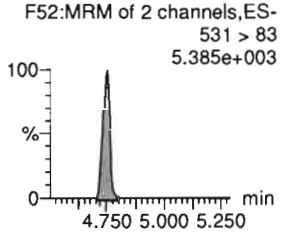

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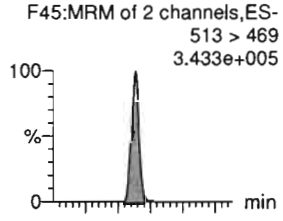
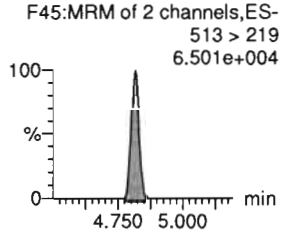
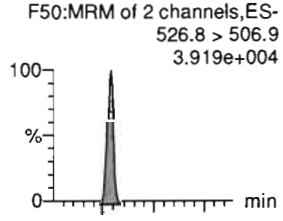
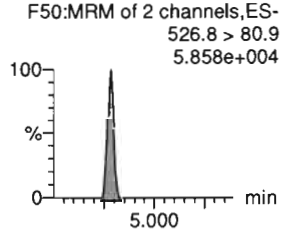


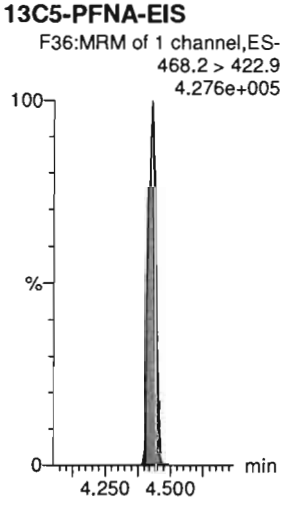


8:2 FTS

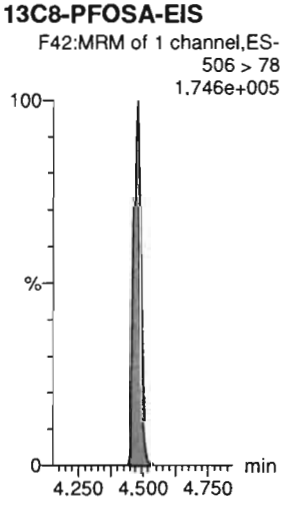




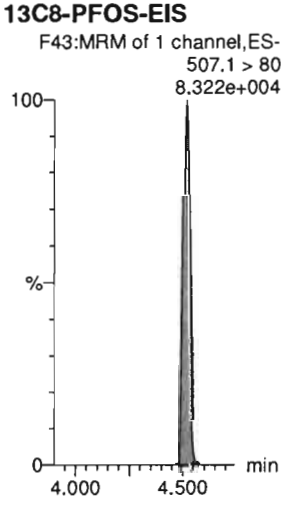
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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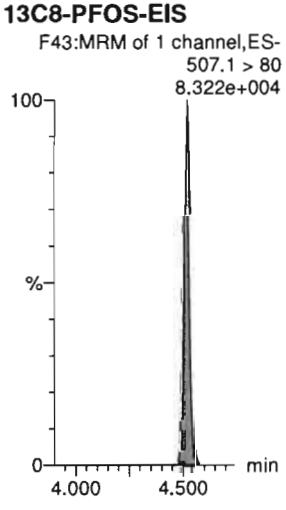
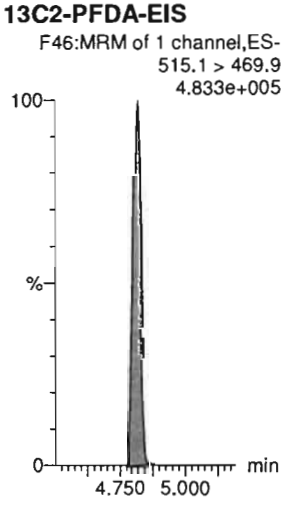
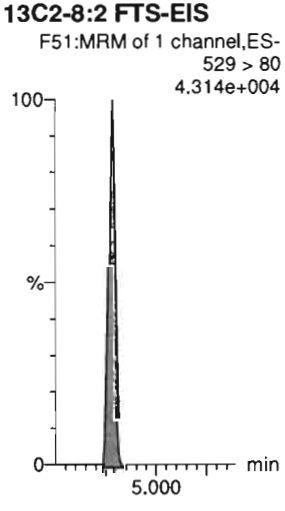


13C2-PFDA-EIS



13C2-8:2 FTS-EIS

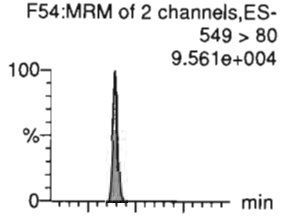


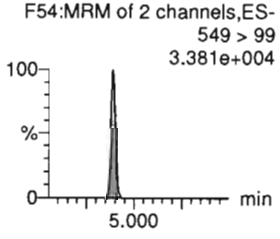
Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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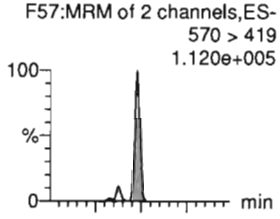

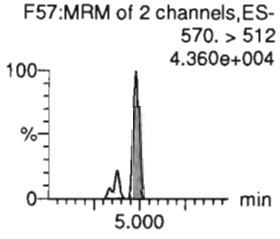

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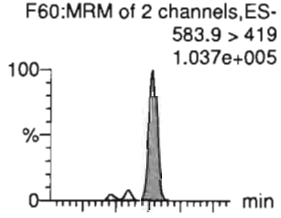
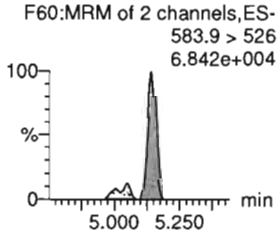
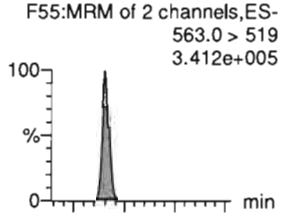
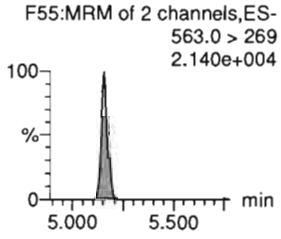


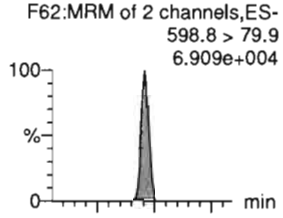


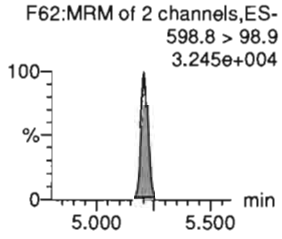
PFUdA





PFDS





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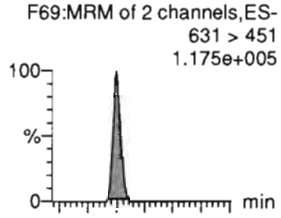
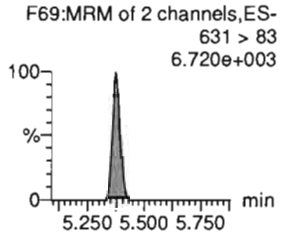
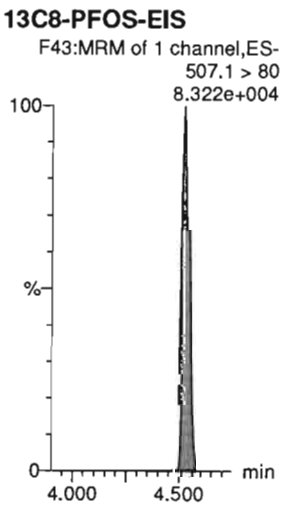
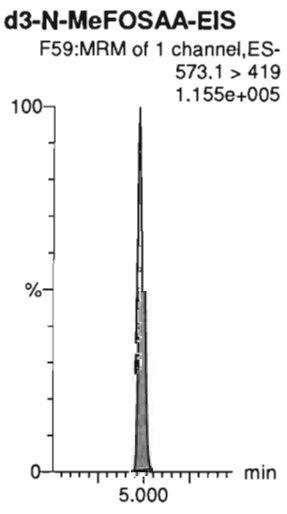




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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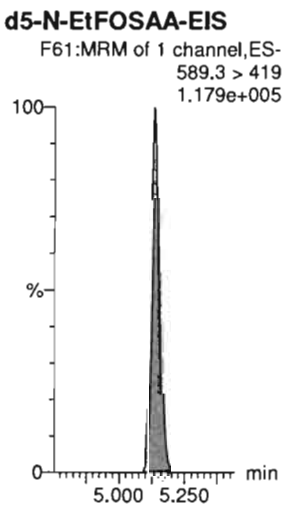
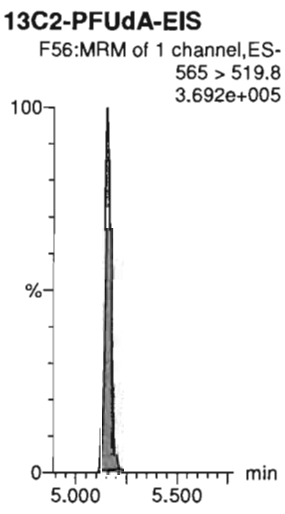
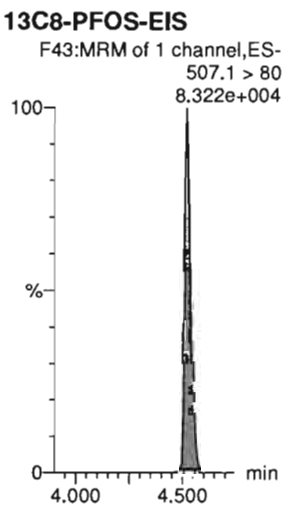


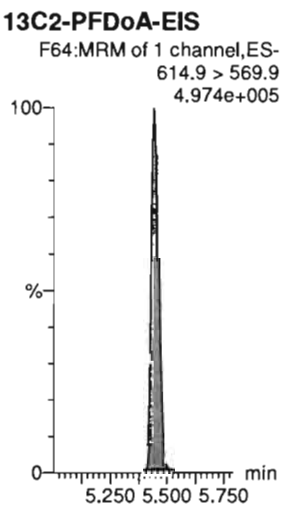
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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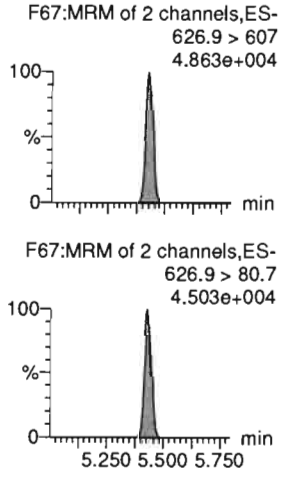
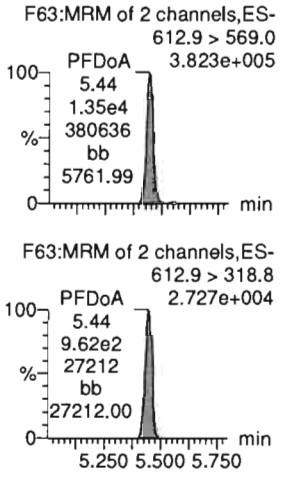
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS



PFDoA



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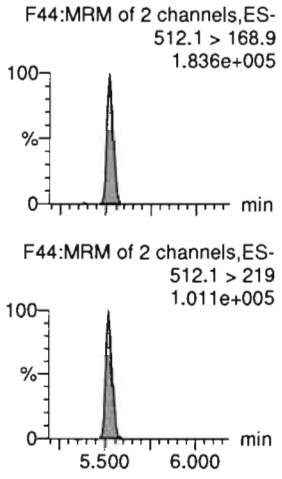

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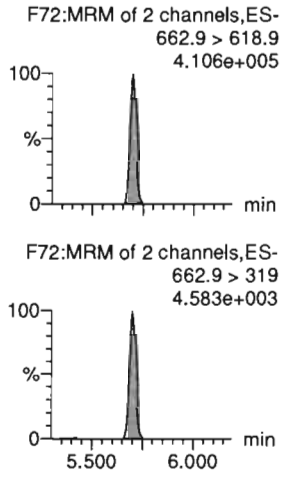

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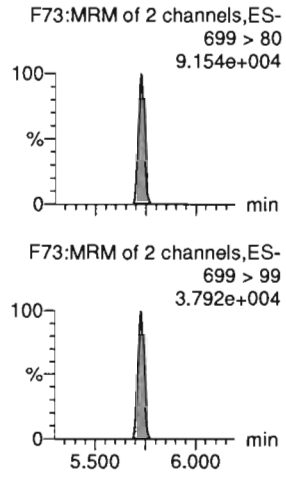

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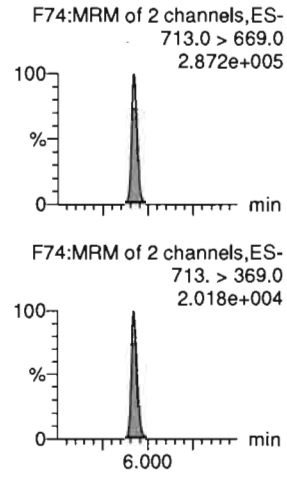
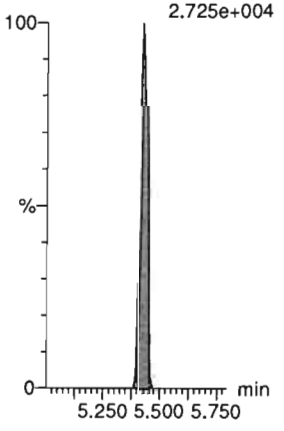
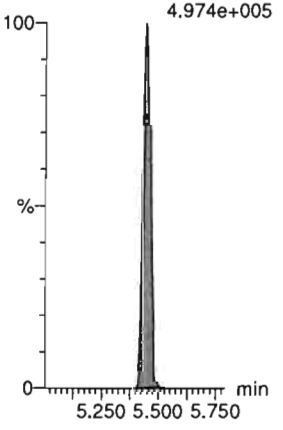


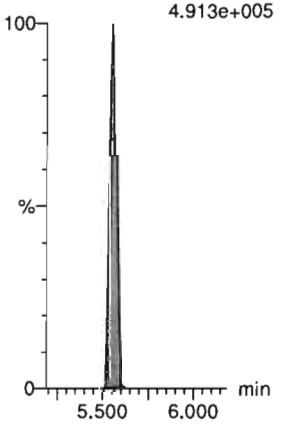
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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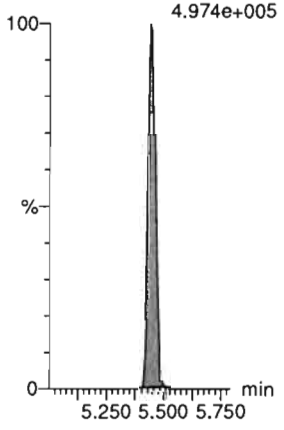

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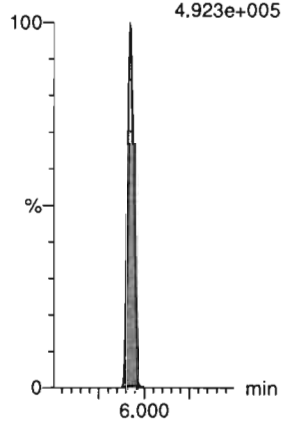

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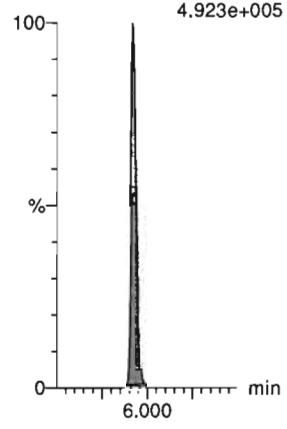

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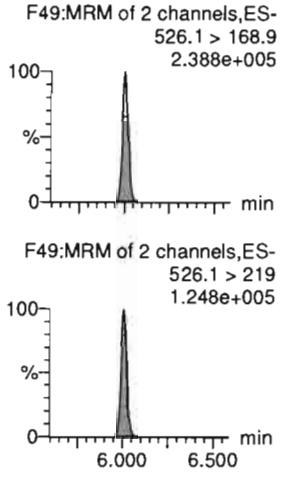
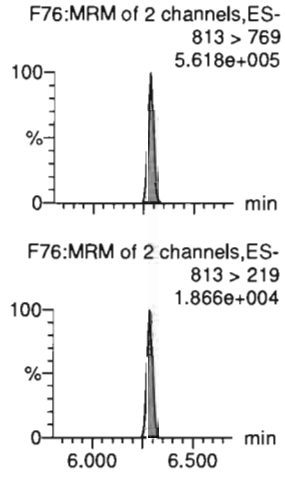
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

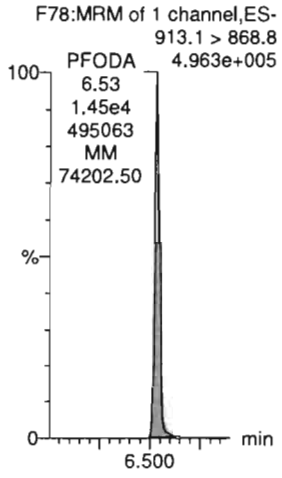
N-EtFOSA



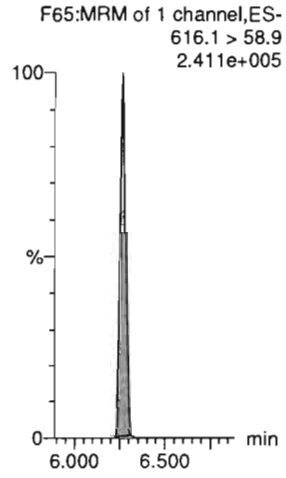
PFHxDA



PFODA



N-MeFOSE



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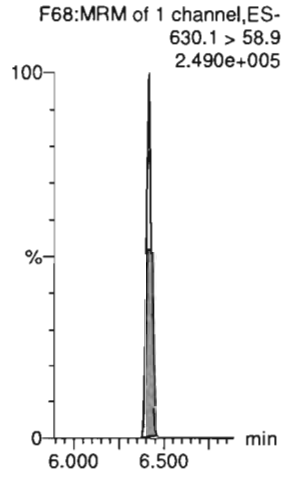

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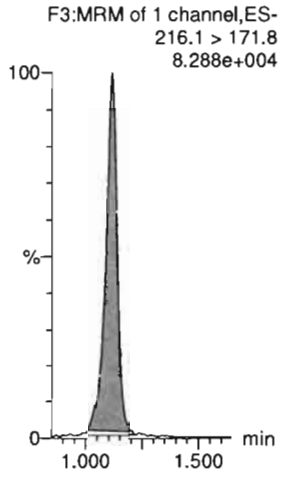
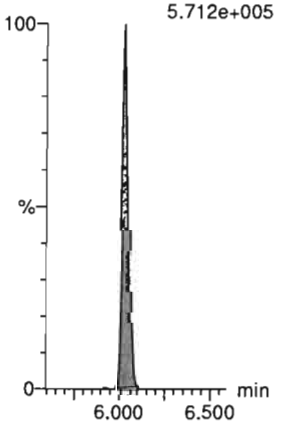
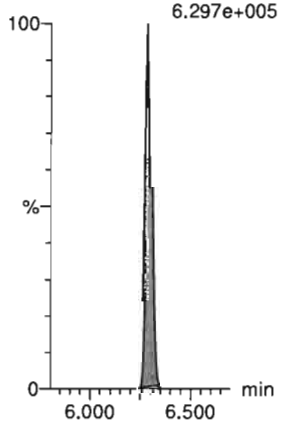


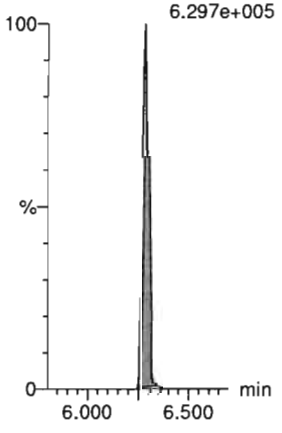
d5-N-ETFOSA-EIS



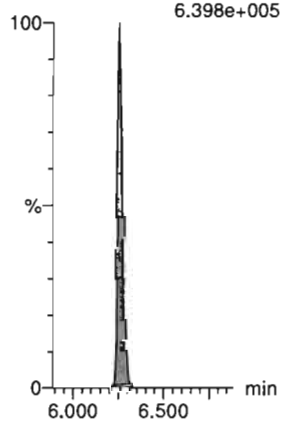
13C2-PFHxDA-EIS



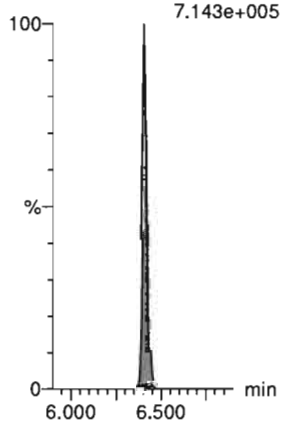
13C2-PFHxDA-EIS



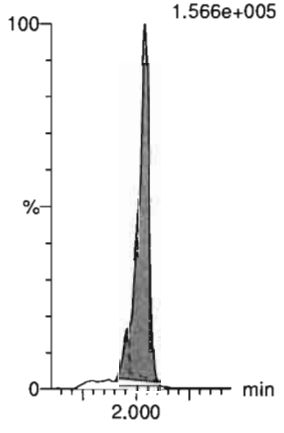
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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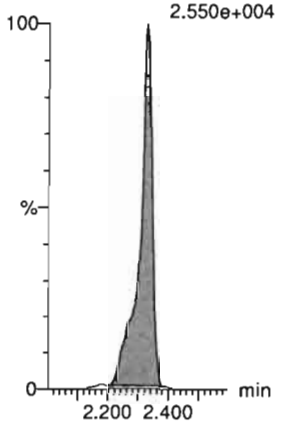
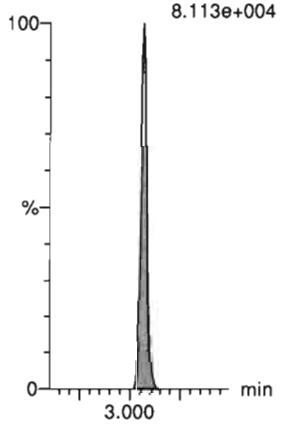
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

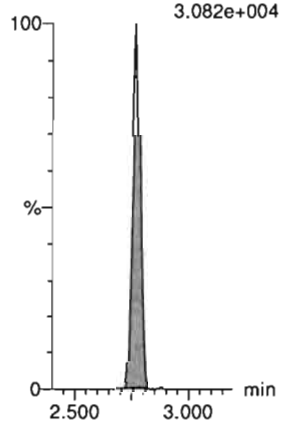
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.550e+004



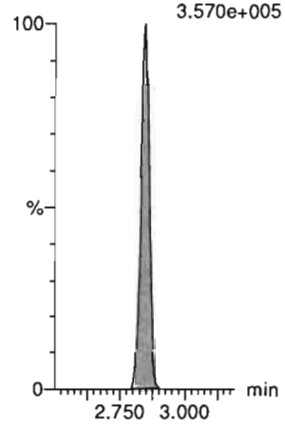
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.113e+004



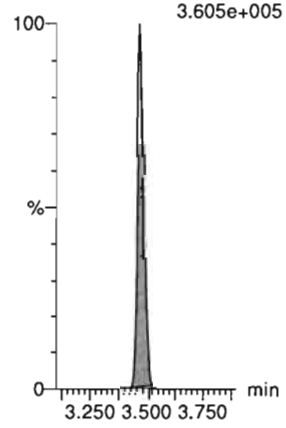
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.082e+004



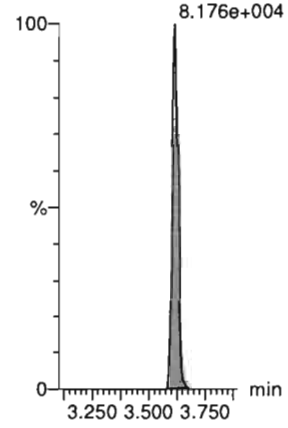
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.570e+005



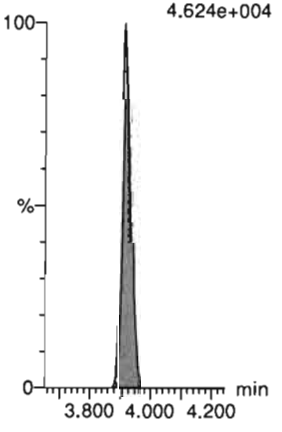
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.605e+005



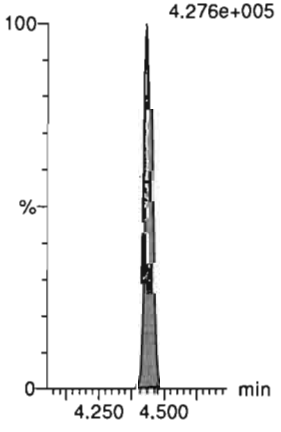
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.176e+004



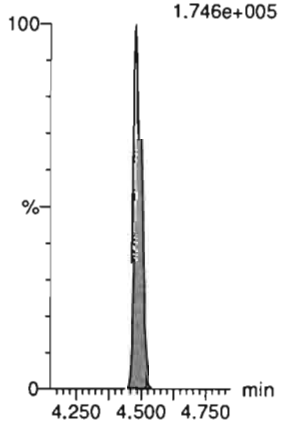
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.624e+004



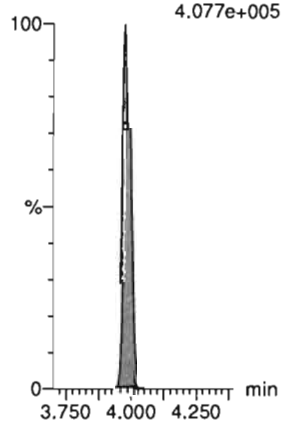
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.276e+005



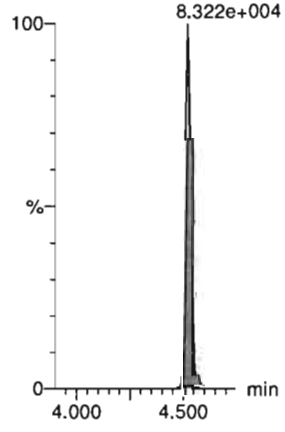
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.746e+005



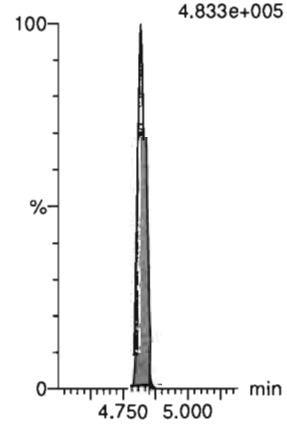
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.077e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.322e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.833e+005

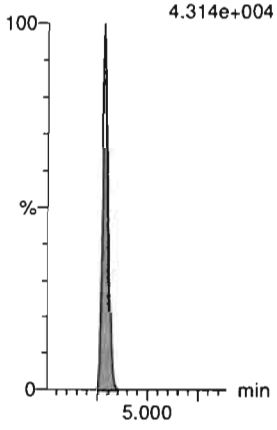


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

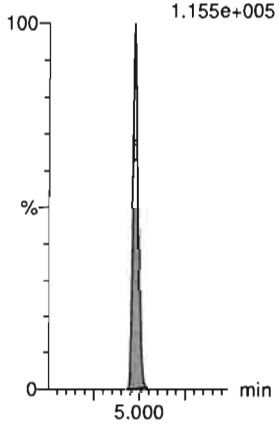
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

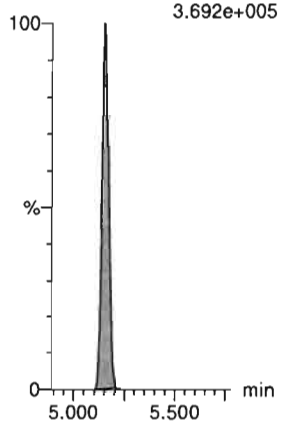
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.314e+004



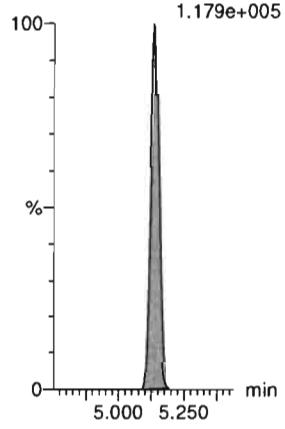
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.155e+005



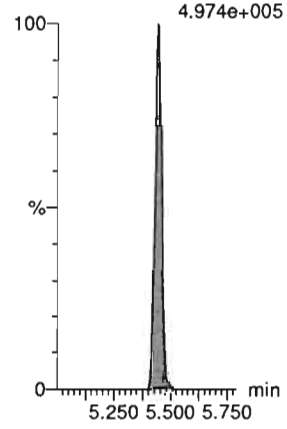
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
3.692e+005



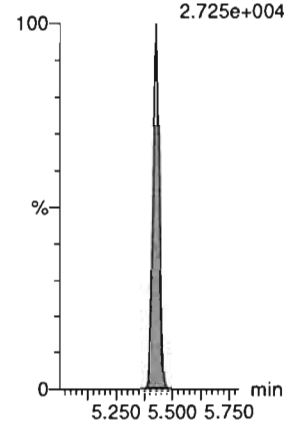
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.179e+005



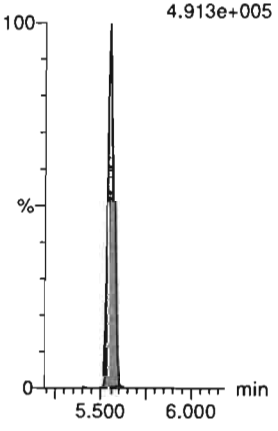
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.974e+005



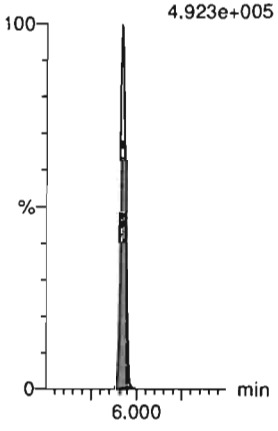
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.725e+004



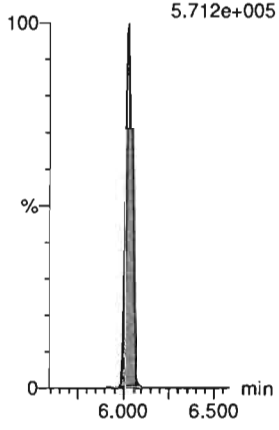
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.913e+005



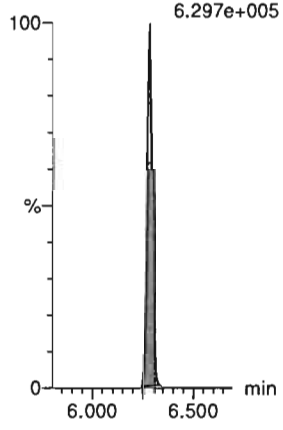
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.923e+005



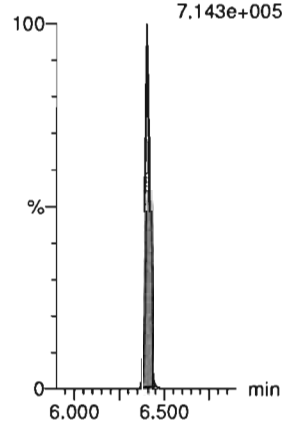
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.712e+005



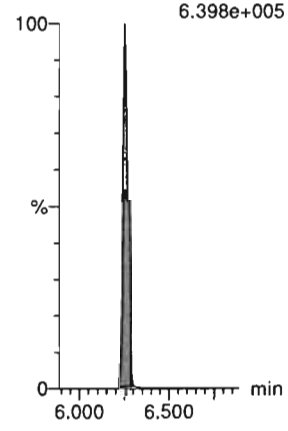
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.297e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.143e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.398e+005



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Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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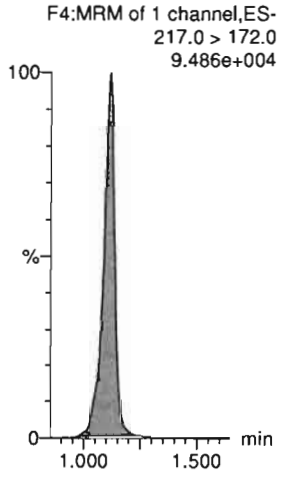
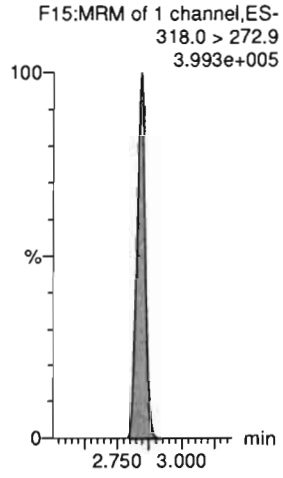
Name: 200629P1-9, Date: 29-Jun-2020, Time: 12:30:34, ID: ST200629P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

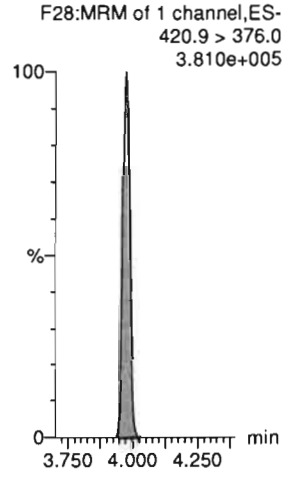
13C4-PFBA



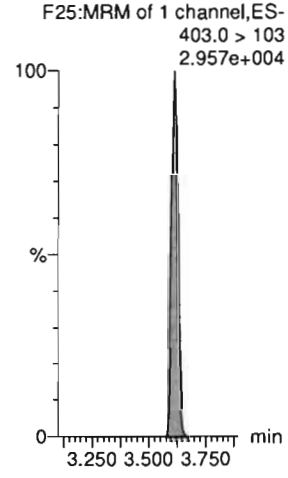
13C5-PFHxA



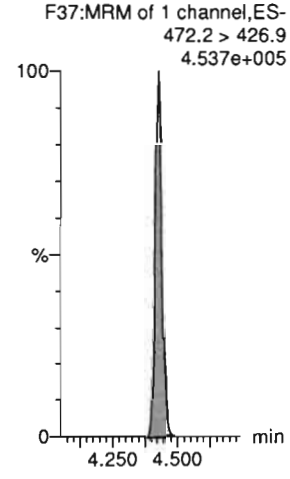
13C8-PFOA



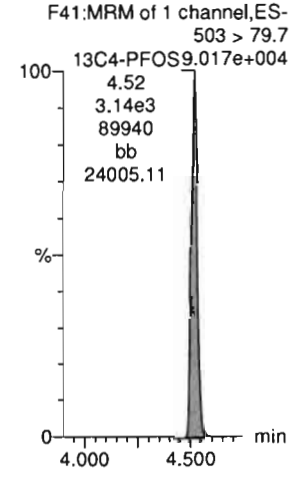
18O2-PFHxS



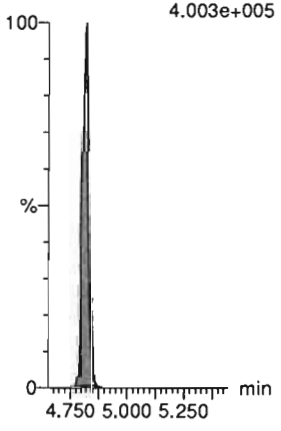
13C9-PFNA



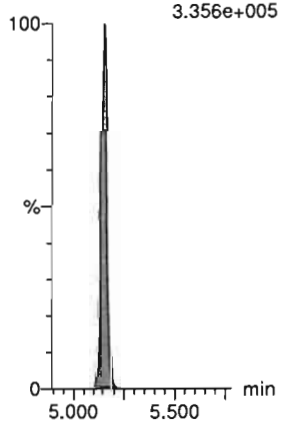
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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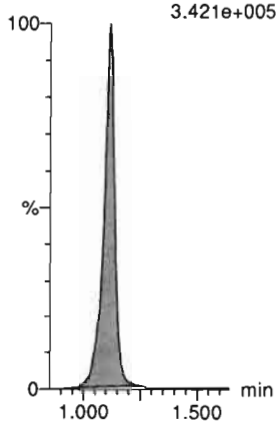
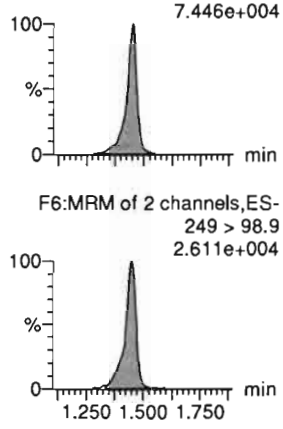
Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

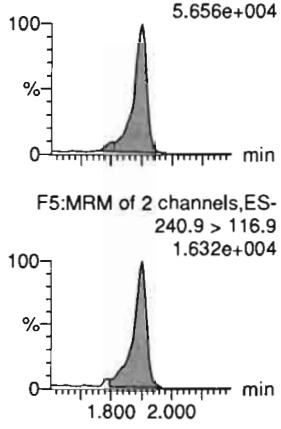
PFBA



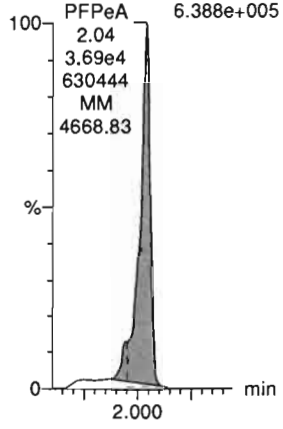
PFPrS



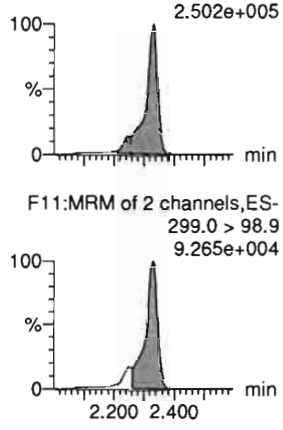
3:3 FTCA



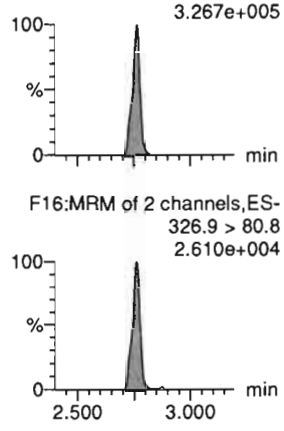
PFPeA



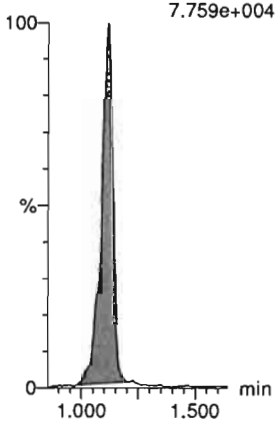
PFBS



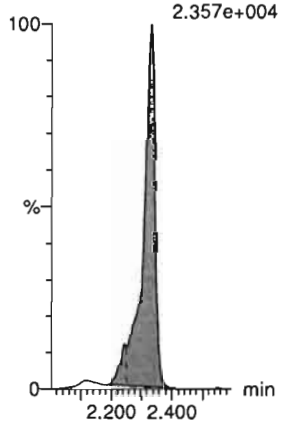
4:2 FTS



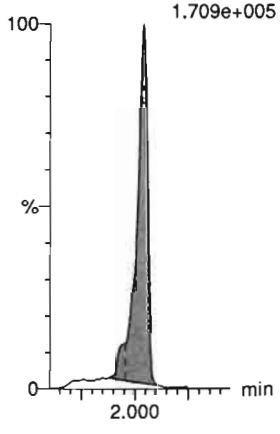
13C3-PFBA-EIS



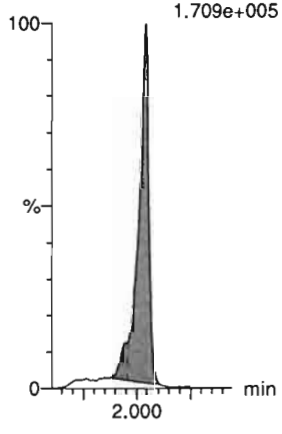
13C3-PFBS-EIS



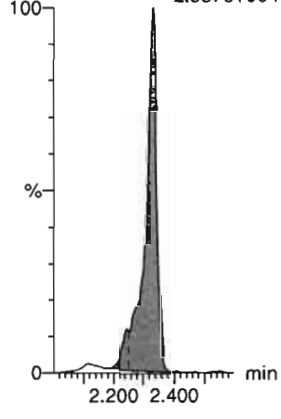
13C3-PFPeA-EIS



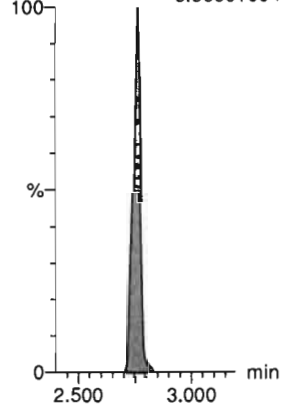
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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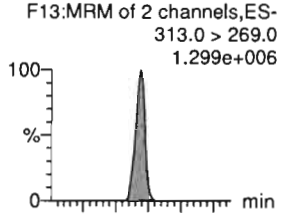
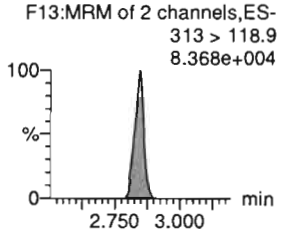
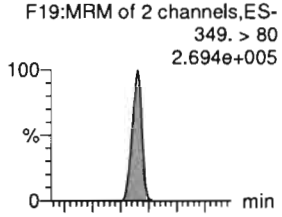
Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

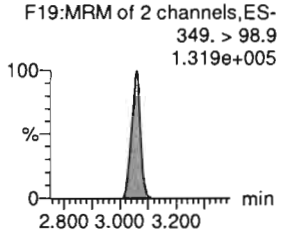
PFHxA



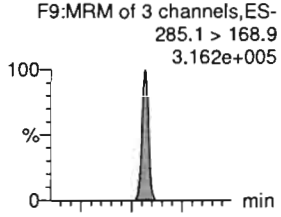


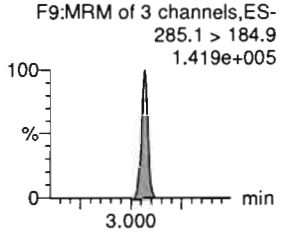
PFPeS





HFPO-DA





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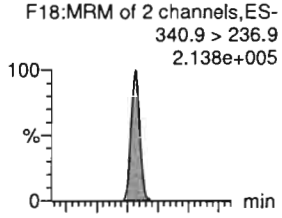

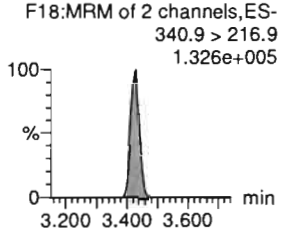

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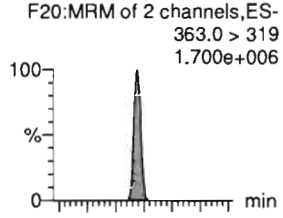

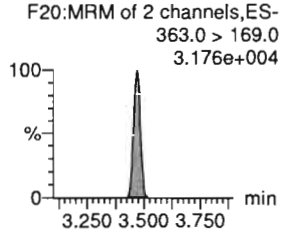

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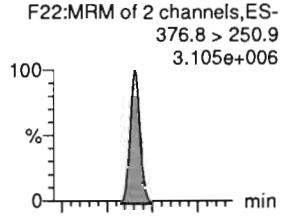
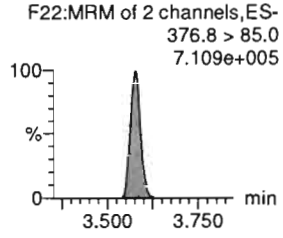
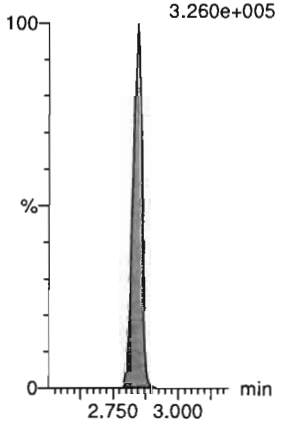




13C2-PFHxA-EIS



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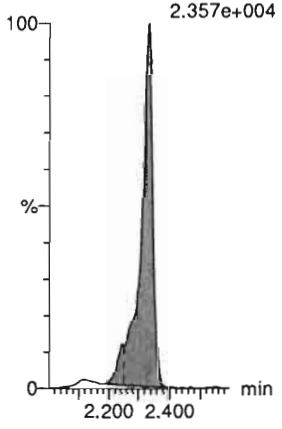

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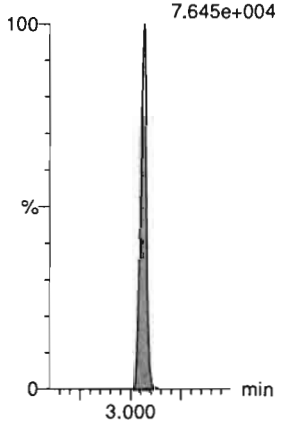

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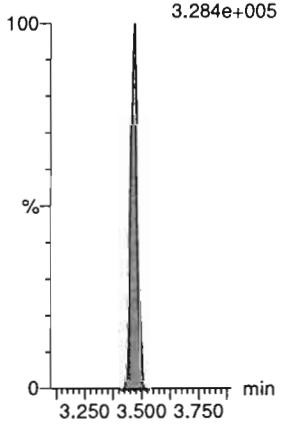

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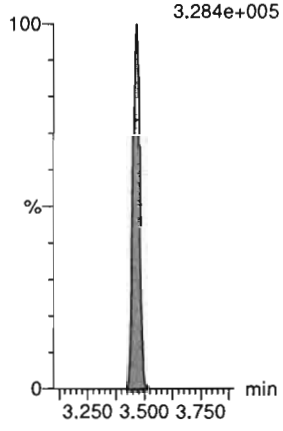

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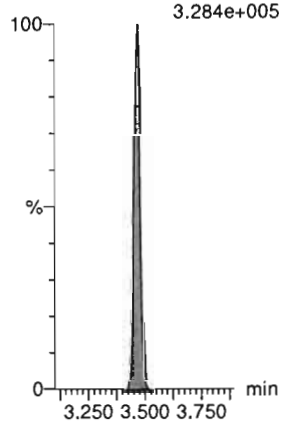

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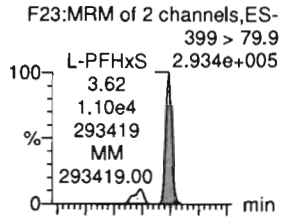
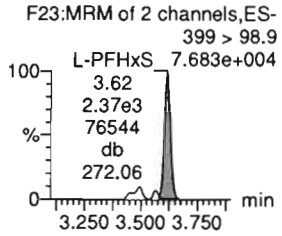
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

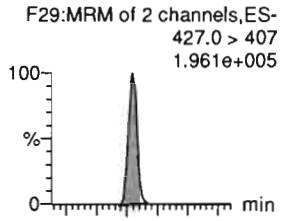
Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

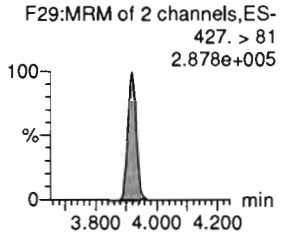
L-PFHxS





6:2 FTS





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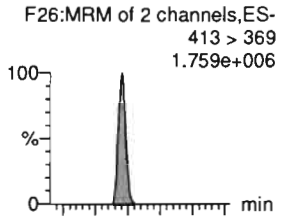

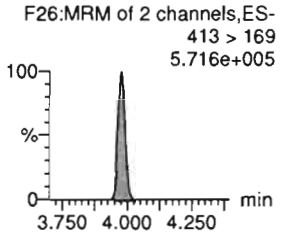

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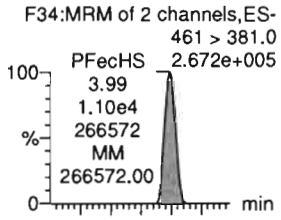

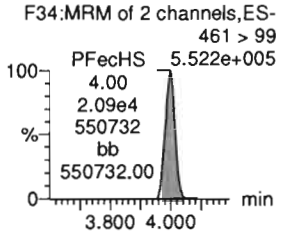

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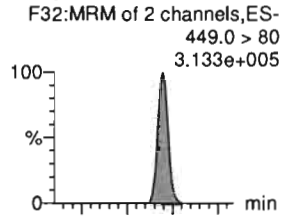
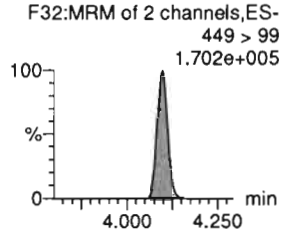
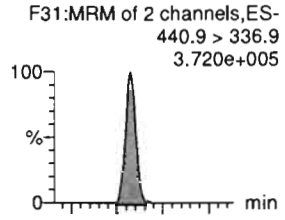
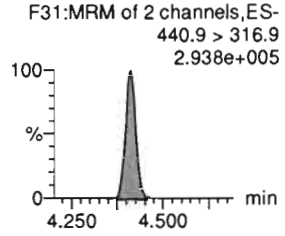


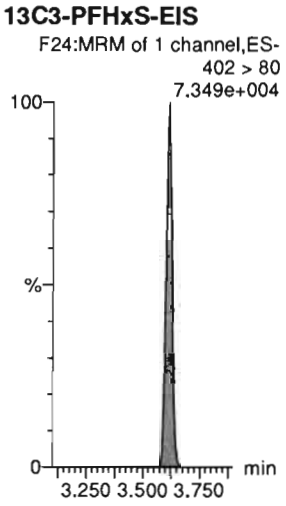


7:3 FTCA

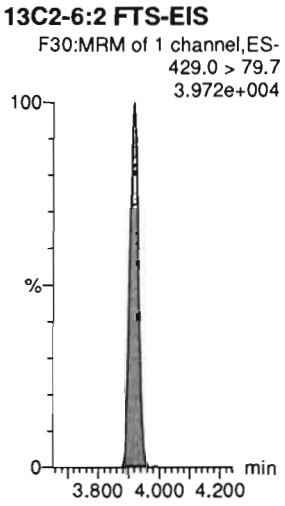




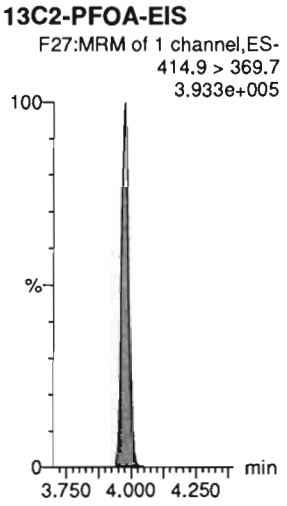
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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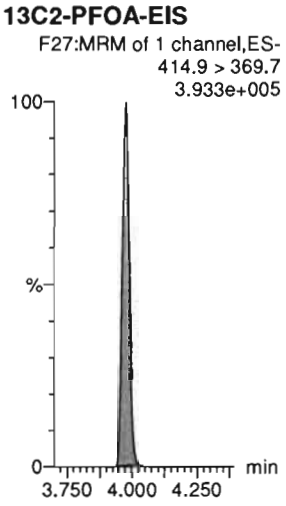
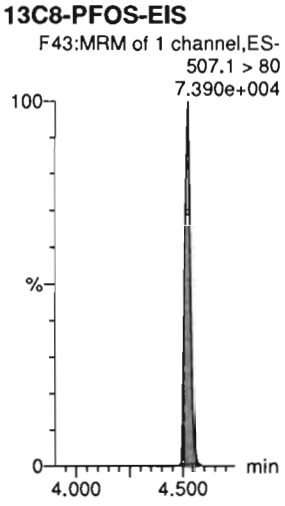
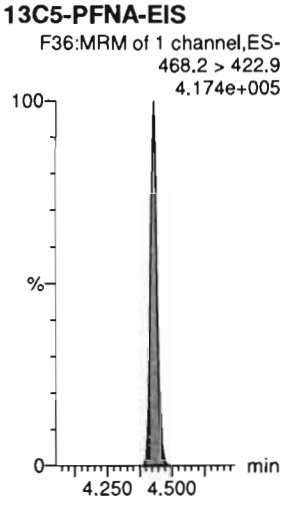


13C8-PFOS-EIS



13C5-PFNA-EIS



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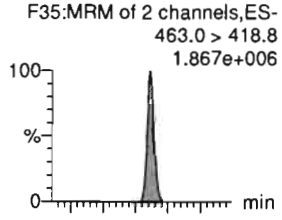

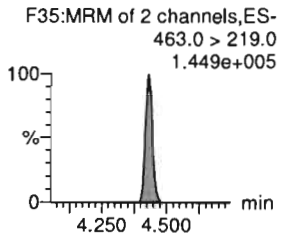

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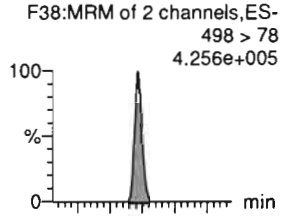
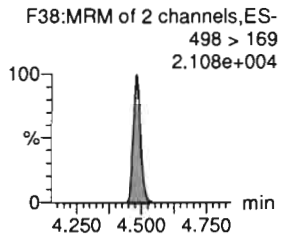
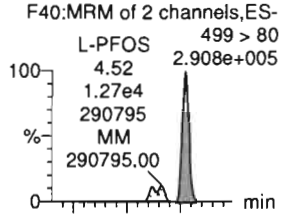
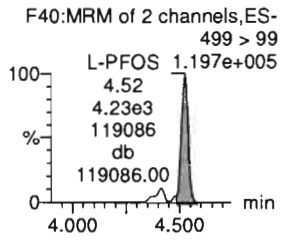




L-PFOS





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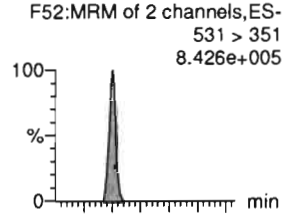

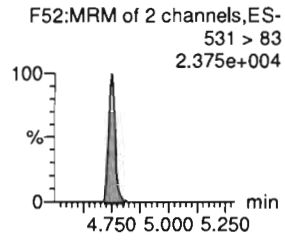

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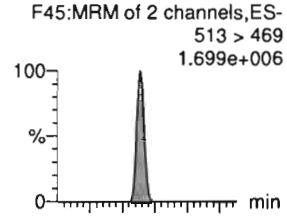
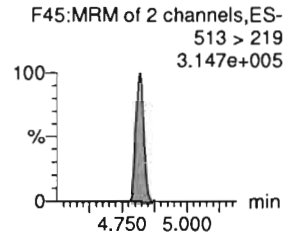
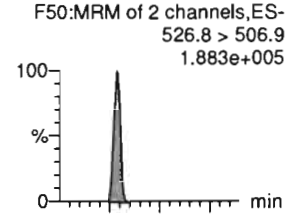
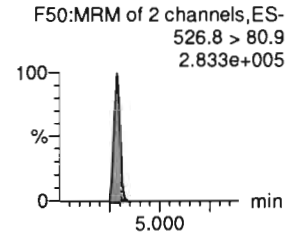


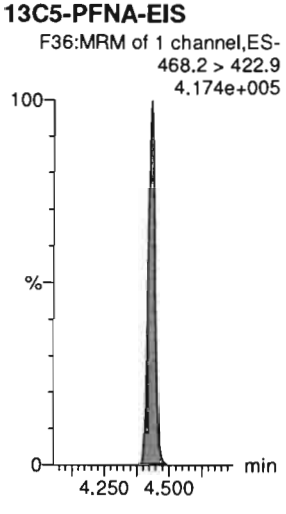


8:2 FTS





13C5-PFNA-EIS



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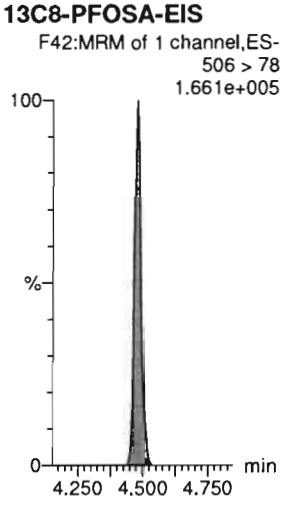

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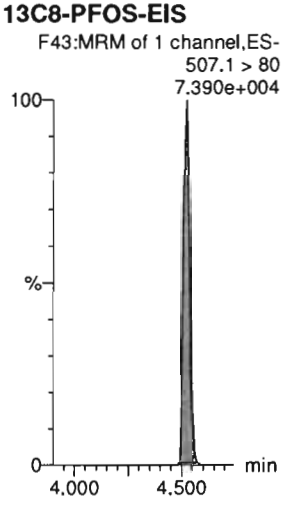

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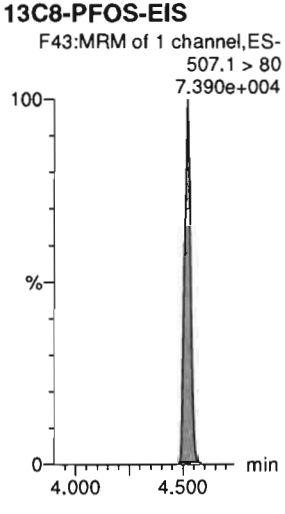

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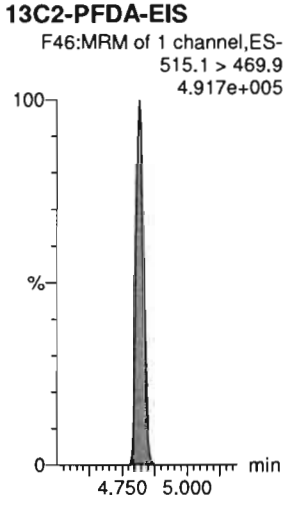
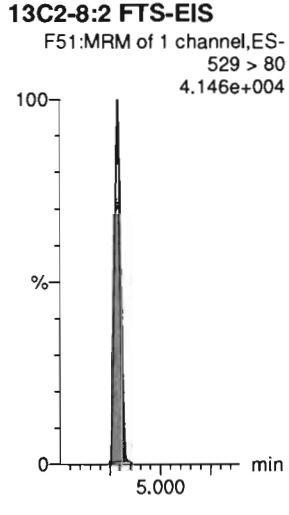


13C2-8:2 FTS-EIS



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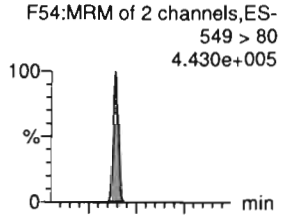
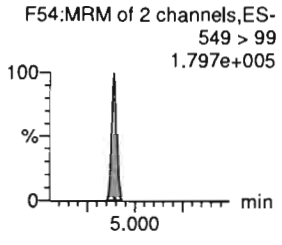
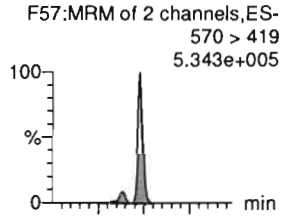
Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

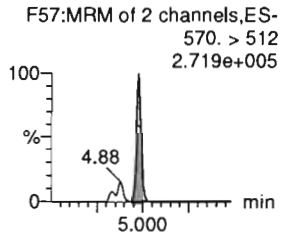
PFNS



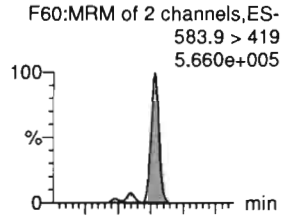


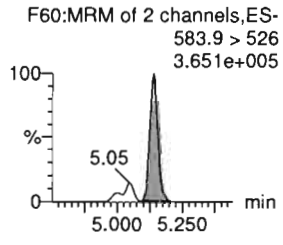
L-MeFOSAA



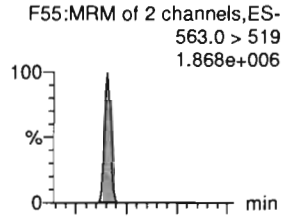


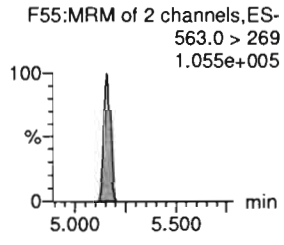
L-EtFOSAA



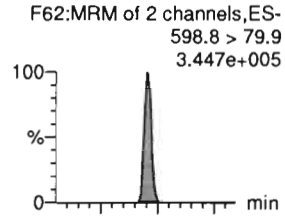


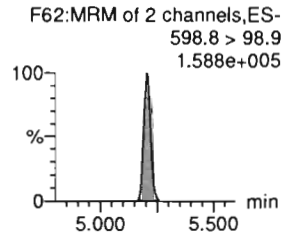
PFUdA



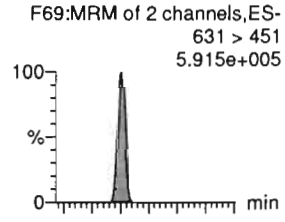


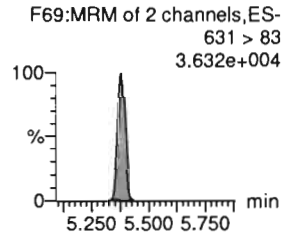
PFDS



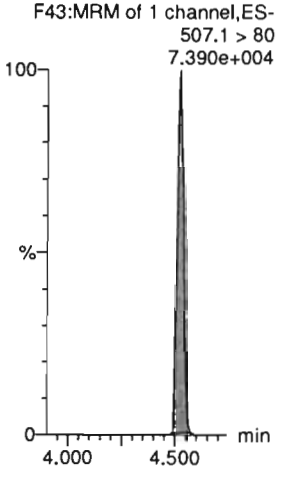


11Cl-PF30UdS

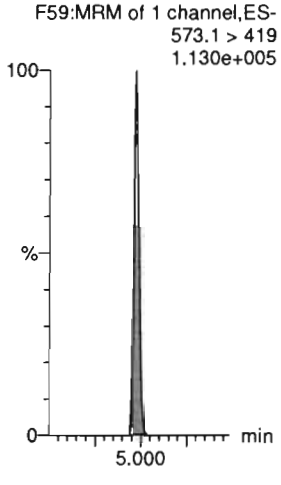




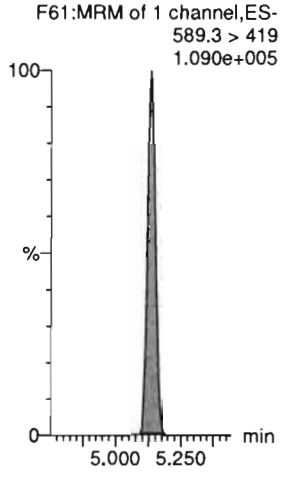
13C8-PFOS-EIS



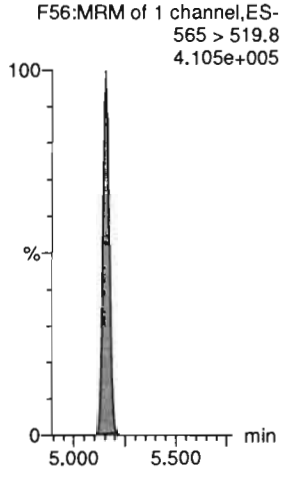
d3-N-MeFOSAA-EIS



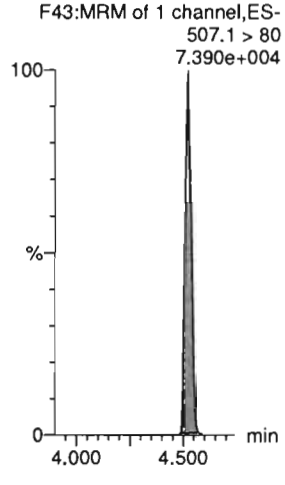
d5-N-EtFOSAA-EIS



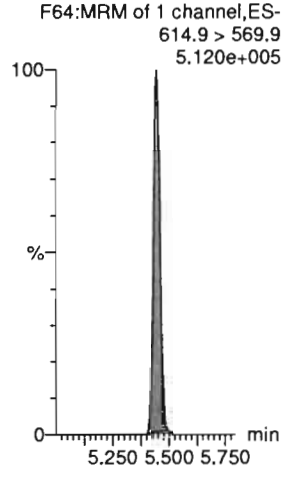
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

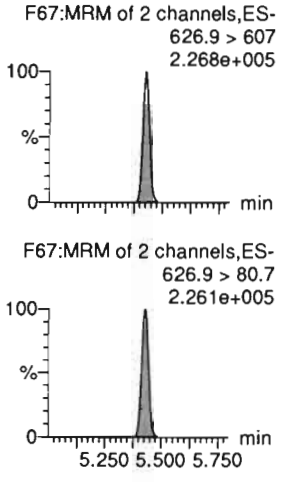


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

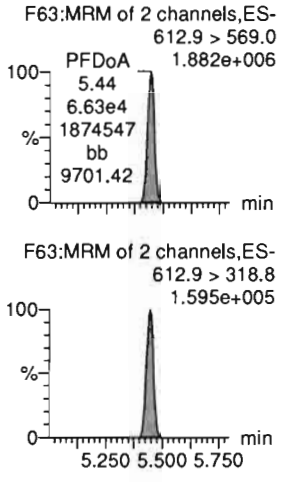
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

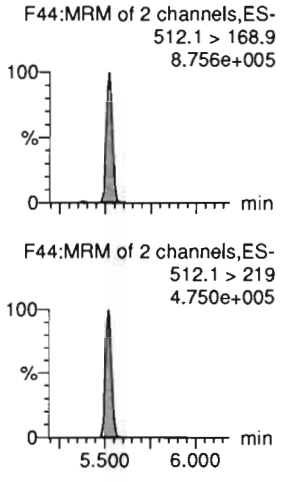
10:2 FTS



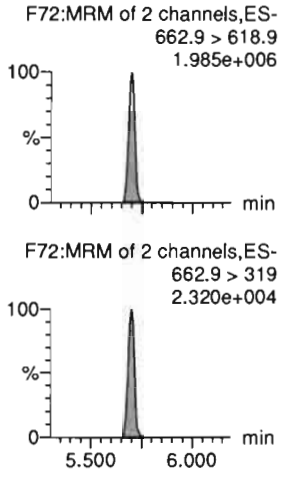
PFDoA



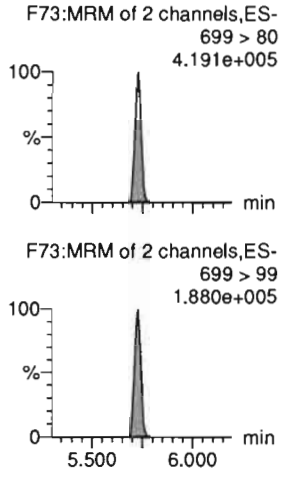
N-MeFOSA



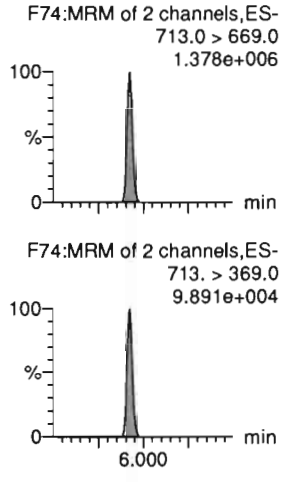
PFTrDA



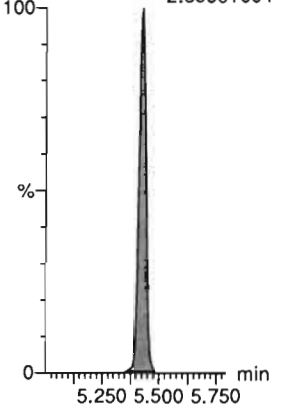
PFDoS



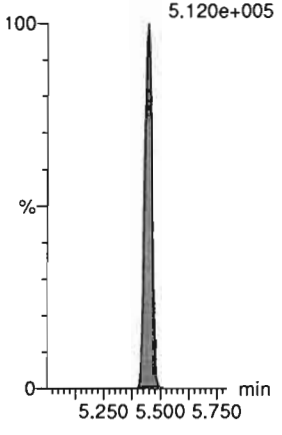
PFTeDA



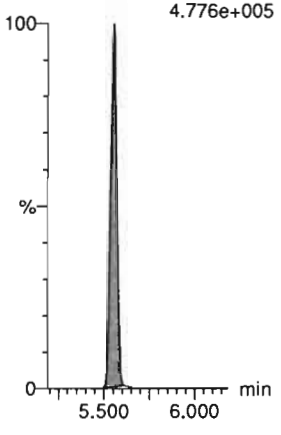
13C2-10:2 FTS-EIS



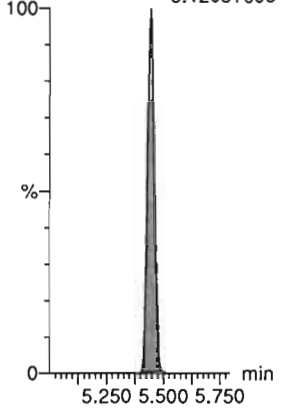
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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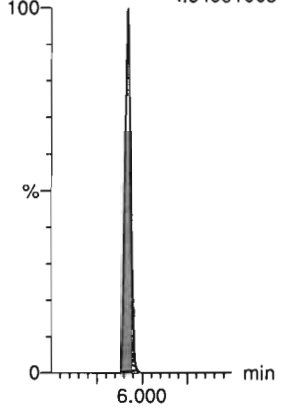

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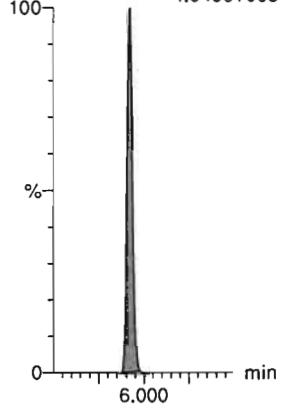

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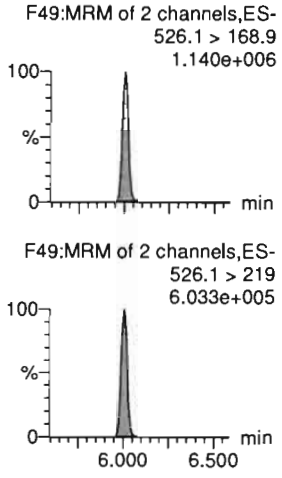
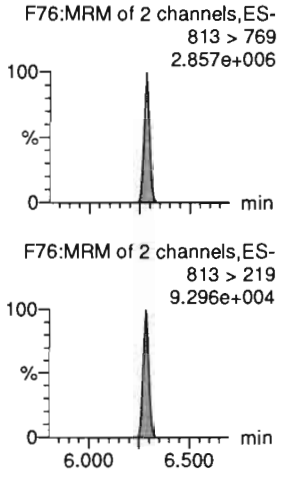
Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

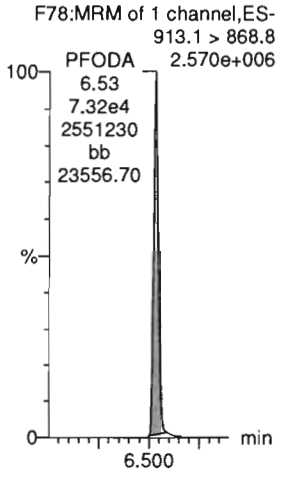
N-EtFOSA



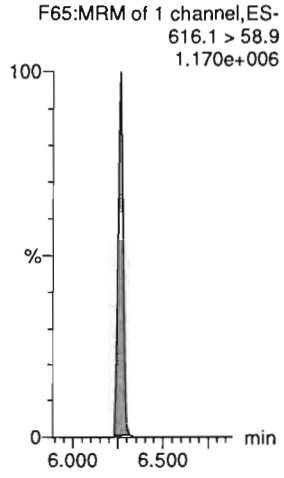
PFHxDA



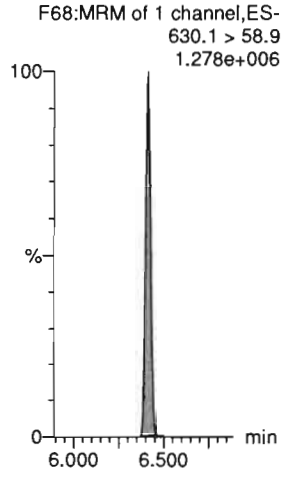
PFODA



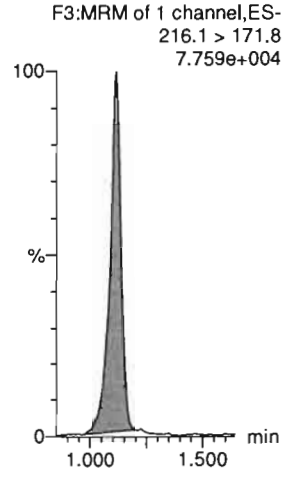
N-MeFOSE



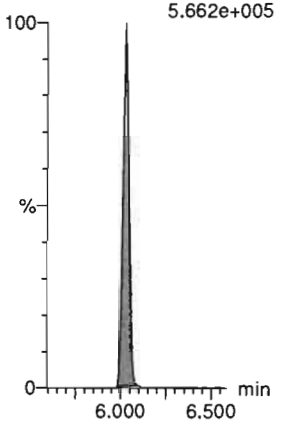
N-EtFOSE



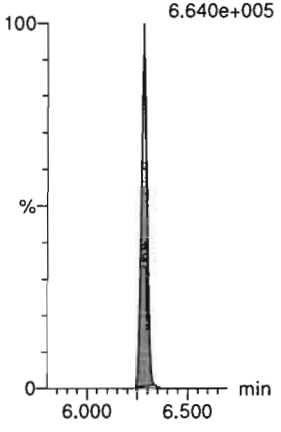
13C3-PFBA-RSD



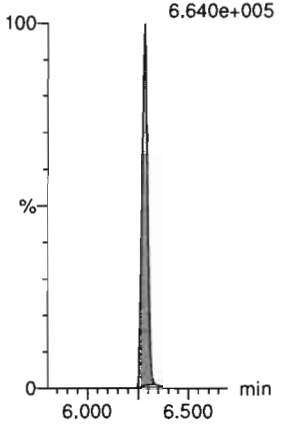
d5-N-ETFOSA-EIS



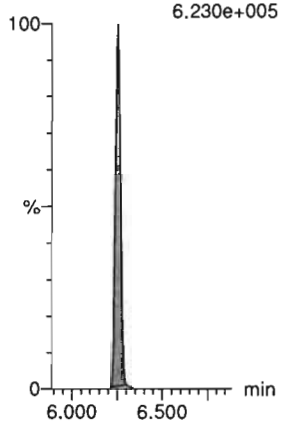
13C2-PFHxDA-EIS



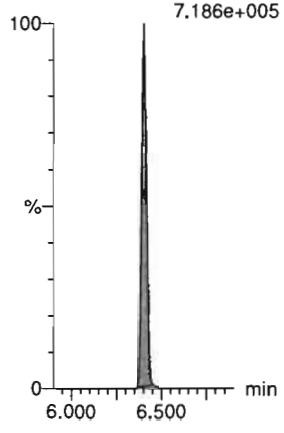
13C2-PFHxDA-EIS



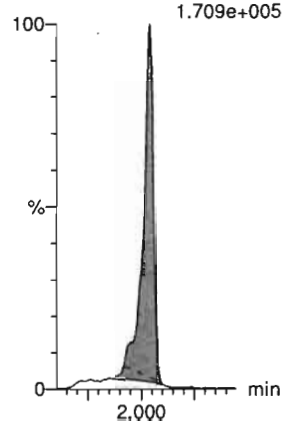
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

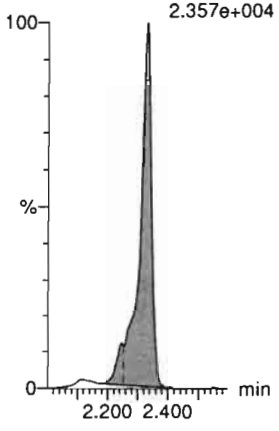


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

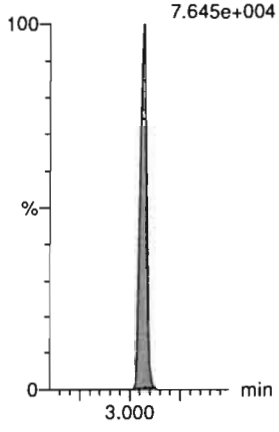
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

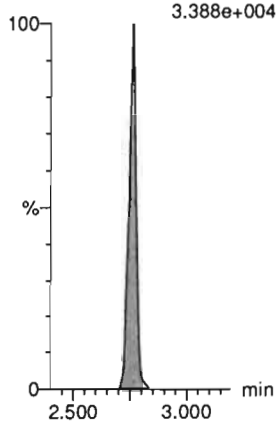
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.357e+004



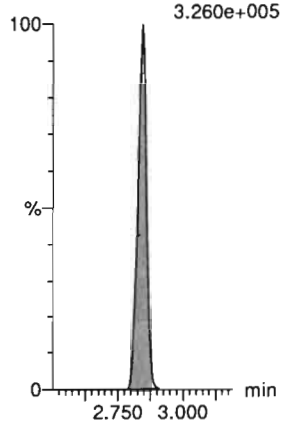
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.645e+004



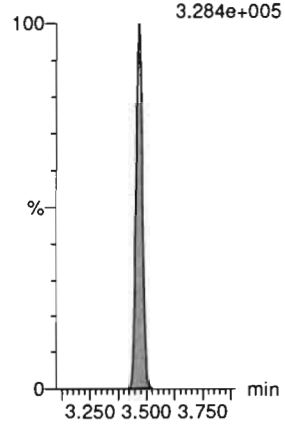
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.388e+004



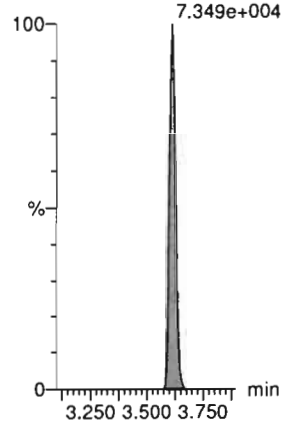
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.260e+005



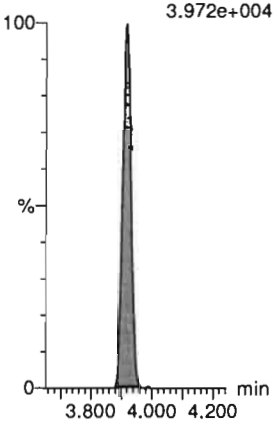
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.284e+005



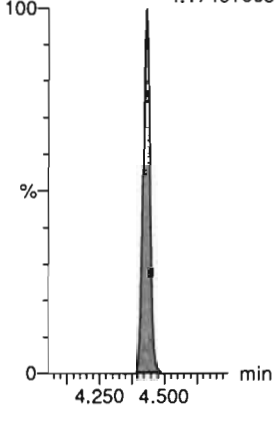
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.349e+004



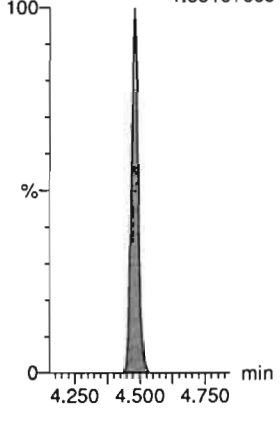
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.972e+004



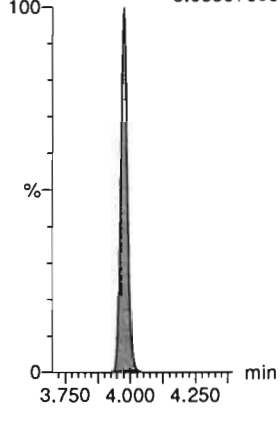
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.174e+005



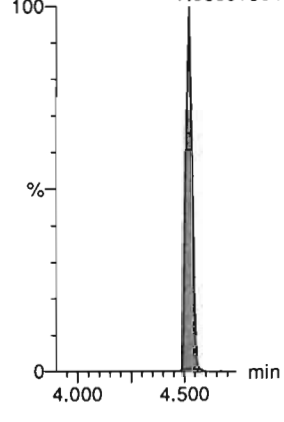
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.661e+005



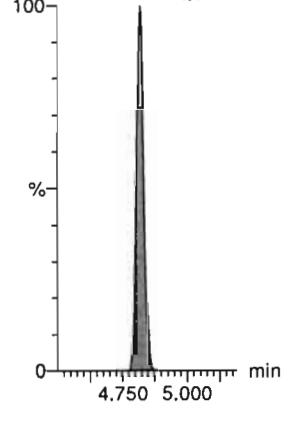
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.933e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.390e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.917e+005

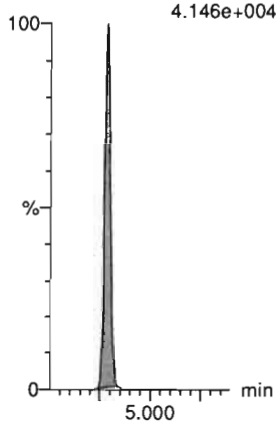


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

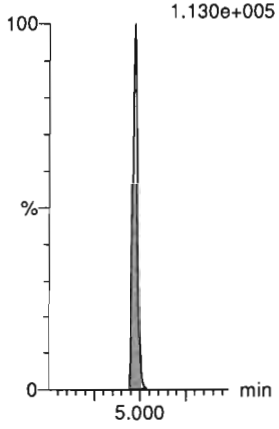
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

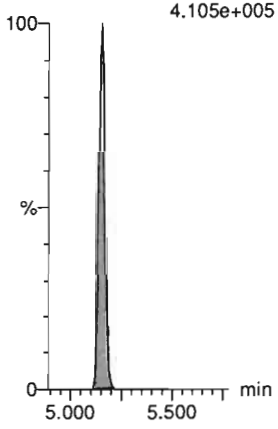
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.146e+004



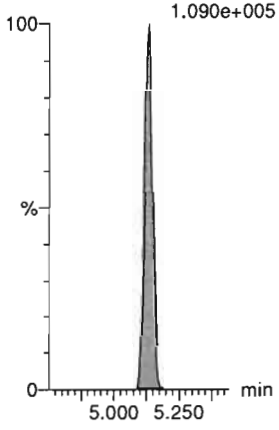
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.130e+005



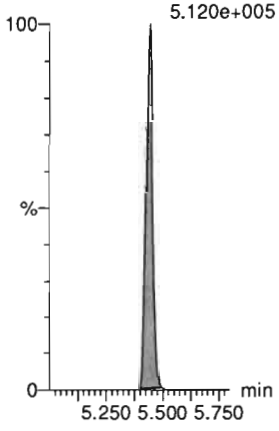
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.105e+005



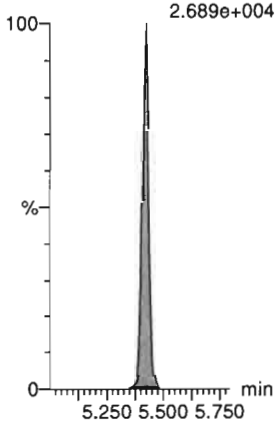
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.090e+005



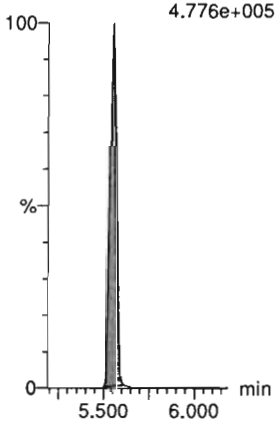
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.120e+005



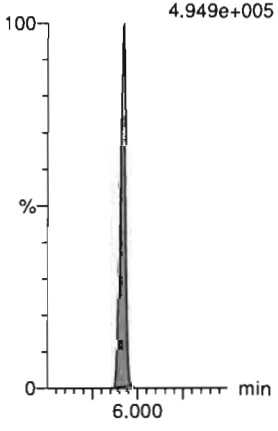
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.689e+004



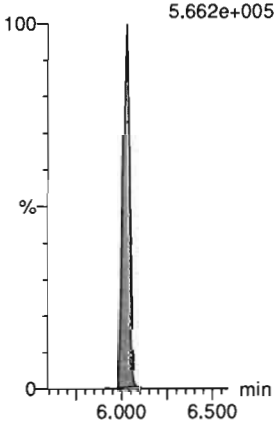
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.776e+005



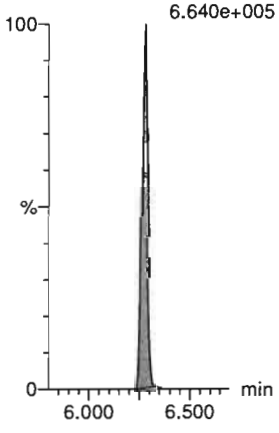
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.949e+005



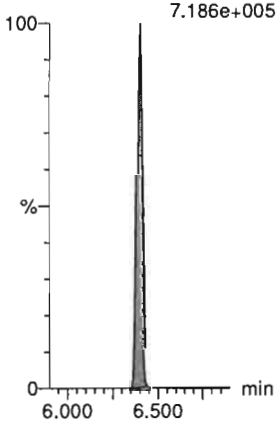
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.662e+005



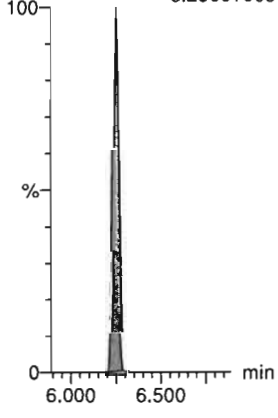
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.640e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.186e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.230e+005

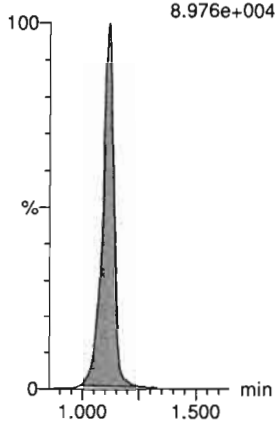


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

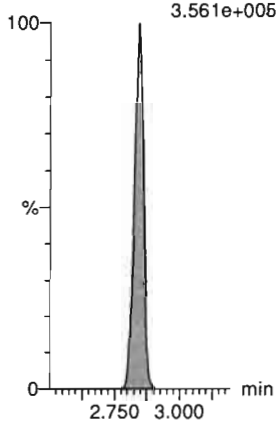
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-10, Date: 29-Jun-2020, Time: 12:41:03, ID: ST200629P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

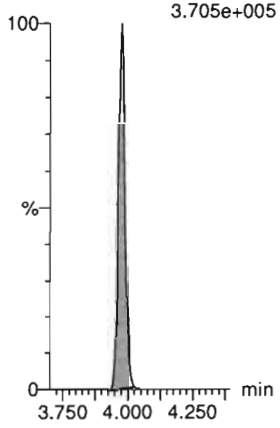
13C4-PFBA



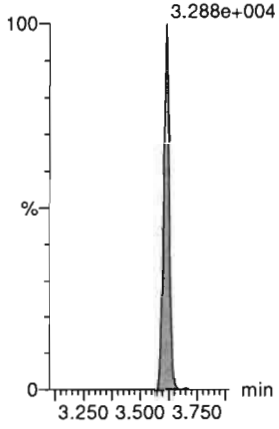
13C5-PFHxA



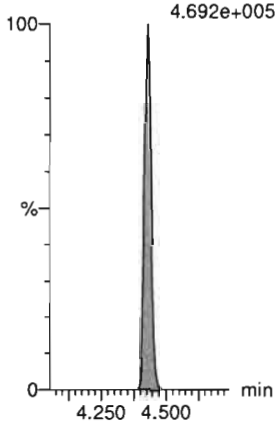
13C8-PFOA



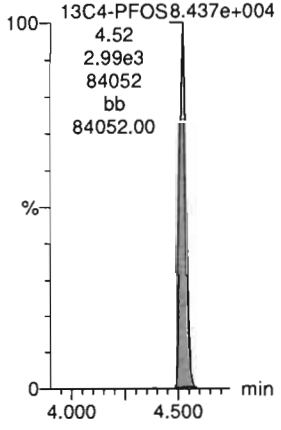
18O2-PFHxS



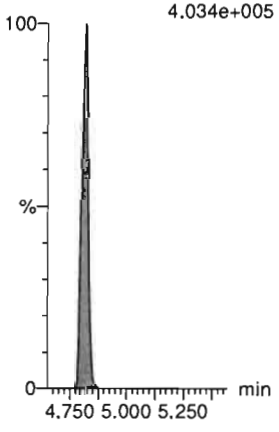
13C9-PFNA



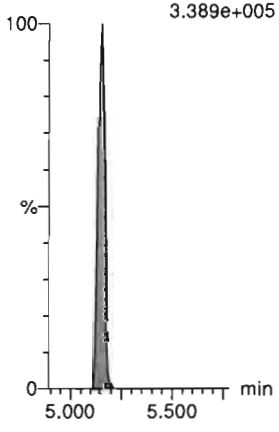
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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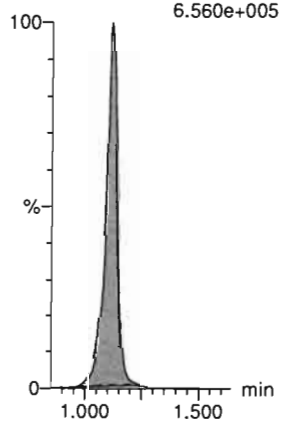
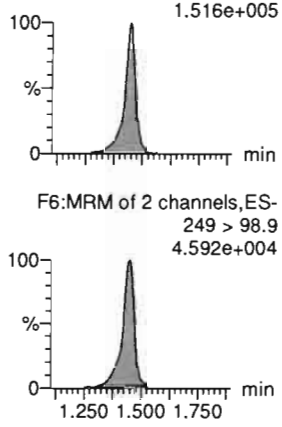
Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-11, Date: 29-Jun-2020, Time: 12:51:33, ID: ST200629P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

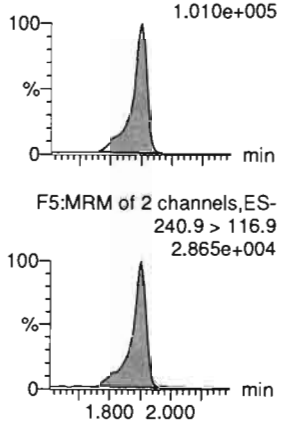
PFBA



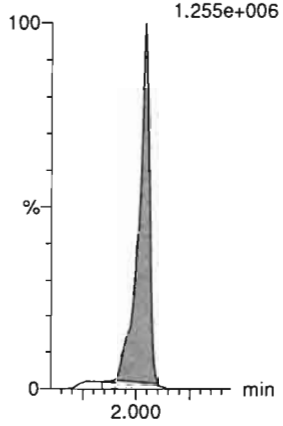
PFPrS



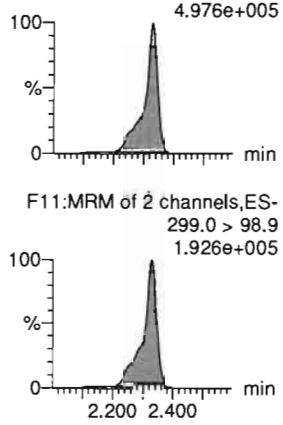
3:3 FTCA



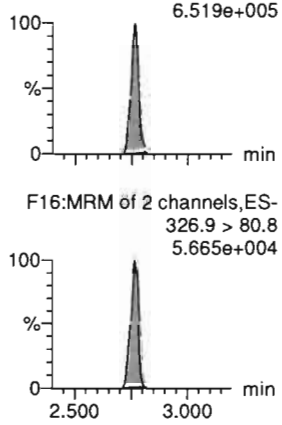
PFPeA



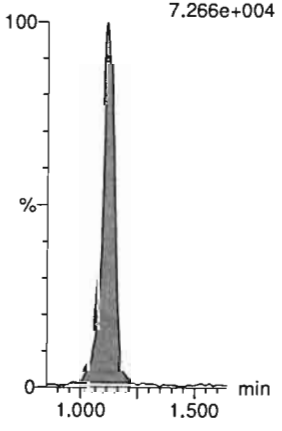
PFBS



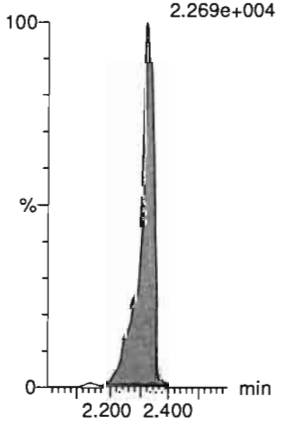
4:2 FTS



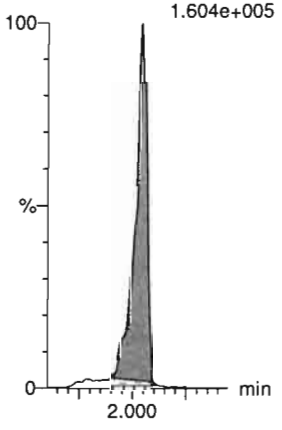
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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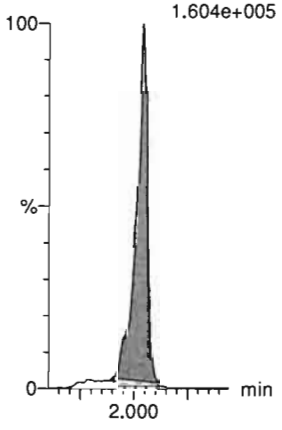
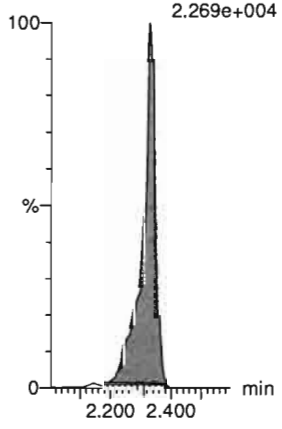
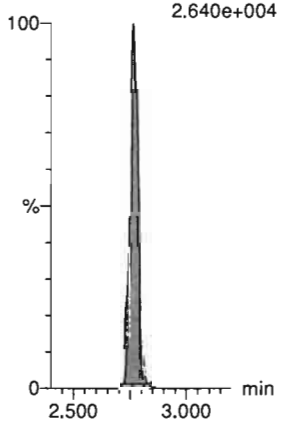


13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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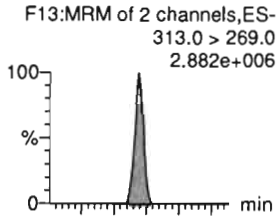
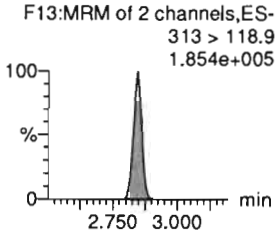
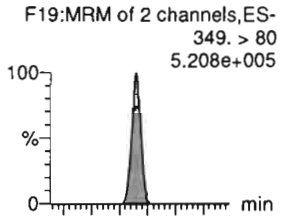
Name: 200629P1-11, Date: 29-Jun-2020, Time: 12:51:33, ID: ST200629P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

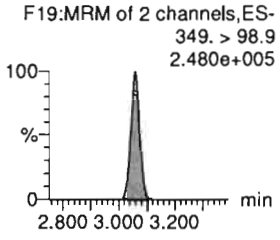
PFHxA



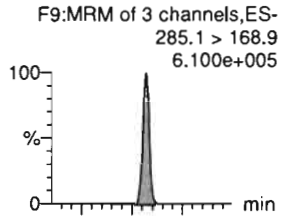


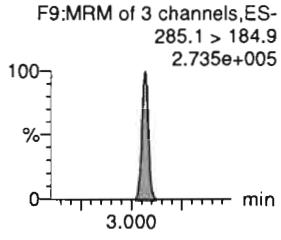
PFPeS



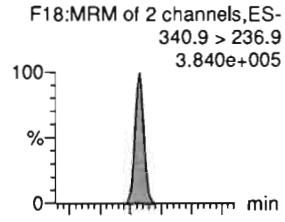


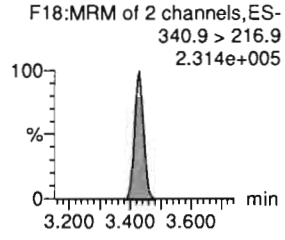
HFPO-DA



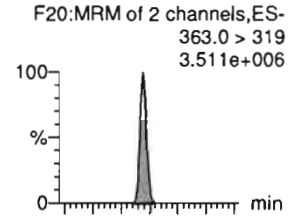


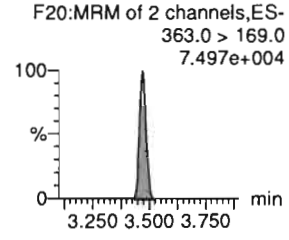
5:3 FTCA



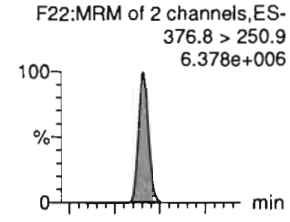


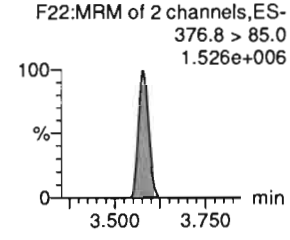
PFHpA



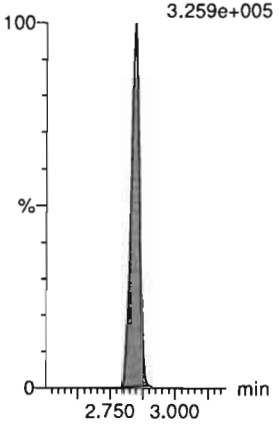


ADONA

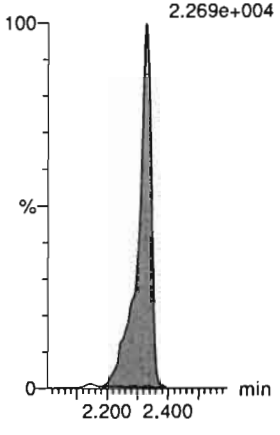




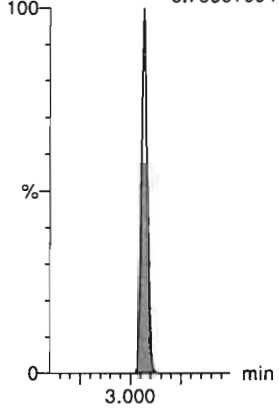
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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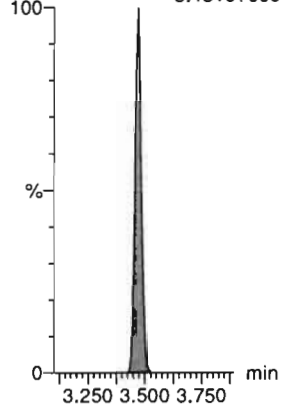

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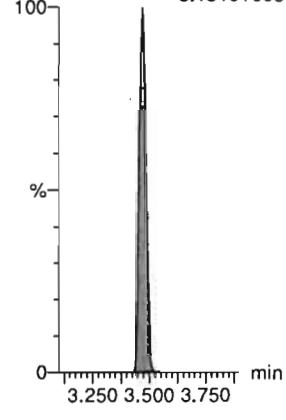

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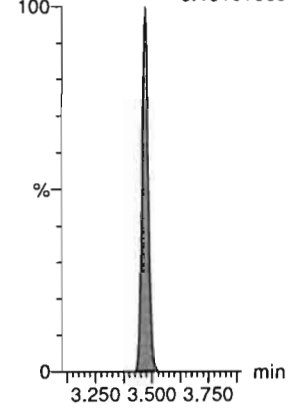

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Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-11, Date: 29-Jun-2020, Time: 12:51:33, ID: ST200629P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

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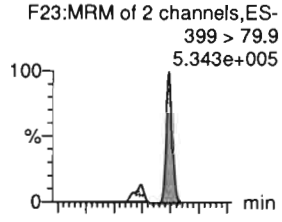

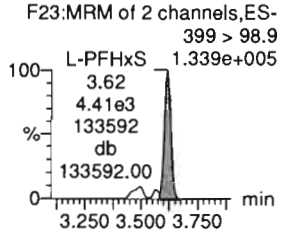

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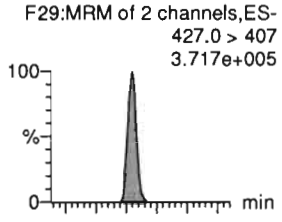

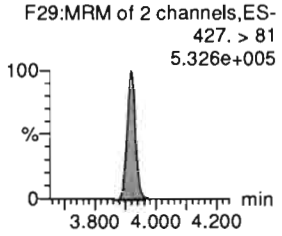

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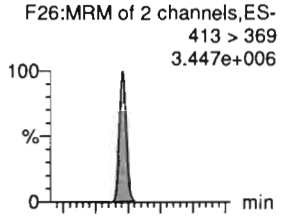

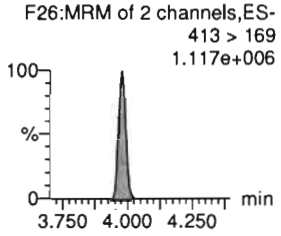

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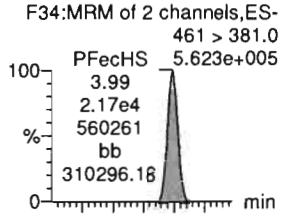

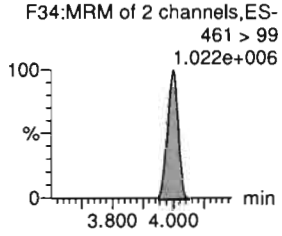

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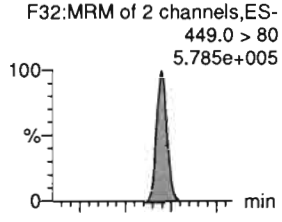
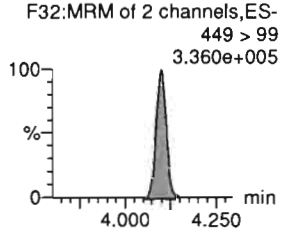
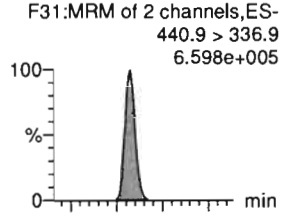
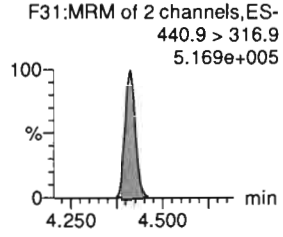




7:3 FTCA





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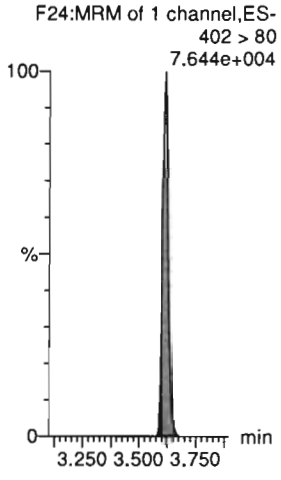
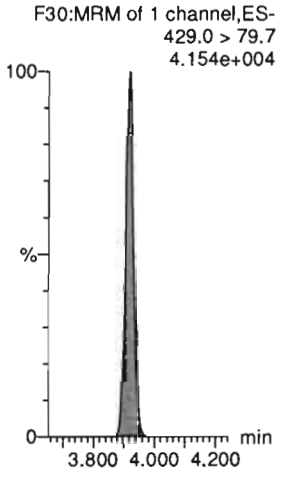


13C2-6:2 FTS-EIS



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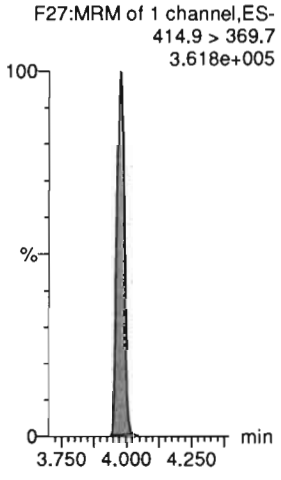

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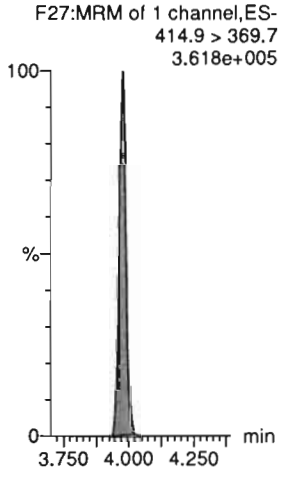

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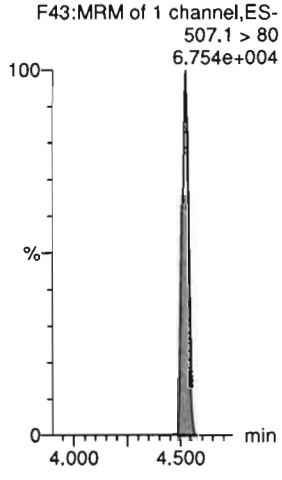
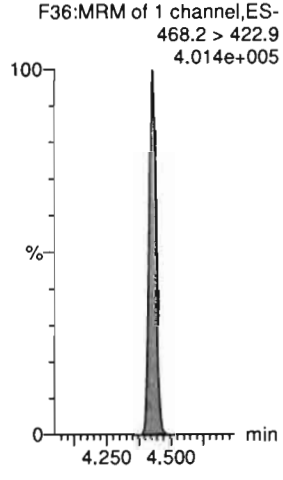


13C5-PFNA-EIS



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Name: 200629P1-11, Date: 29-Jun-2020, Time: 12:51:33, ID: ST200629P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

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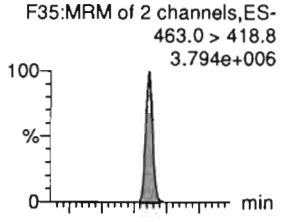

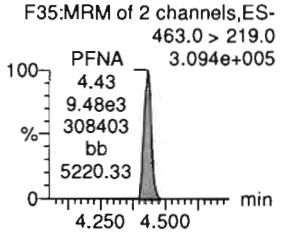

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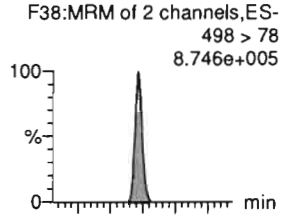
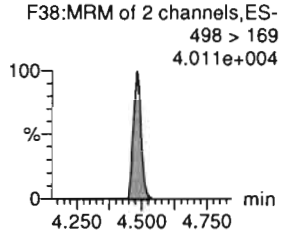
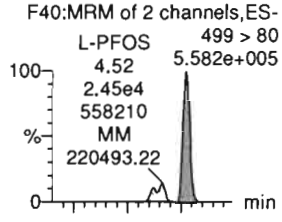
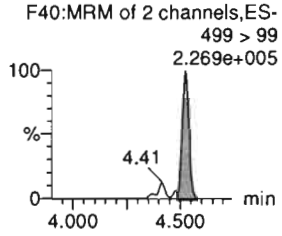




L-PFOS





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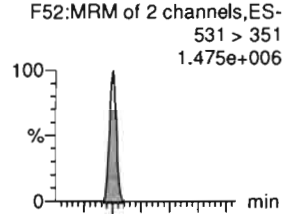

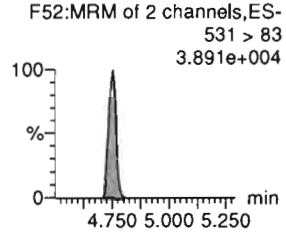

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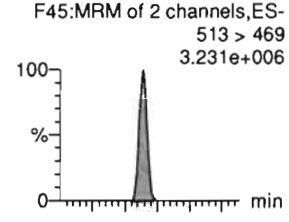

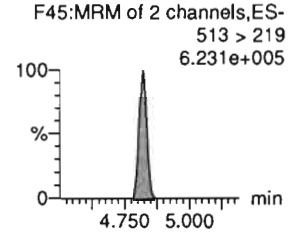

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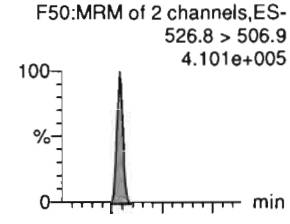

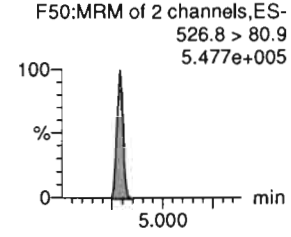

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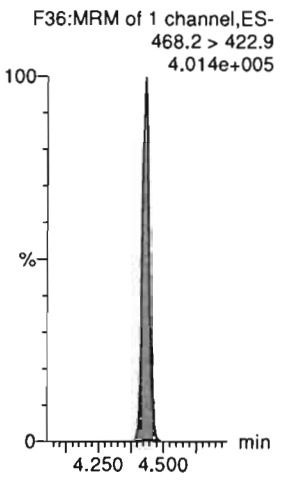

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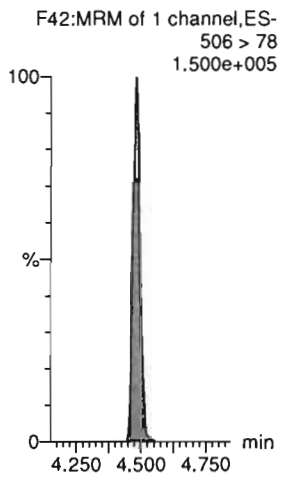

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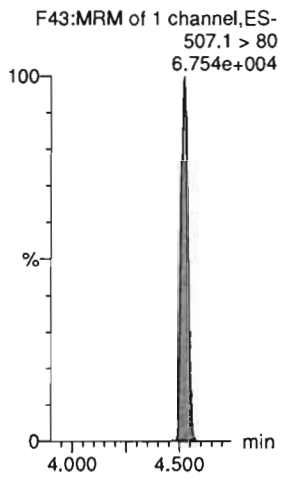

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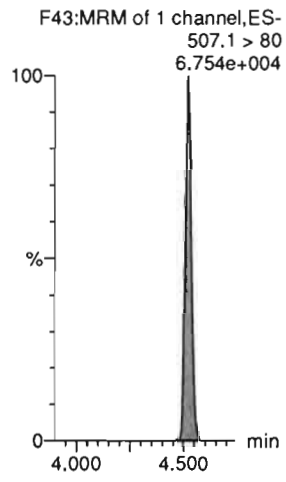

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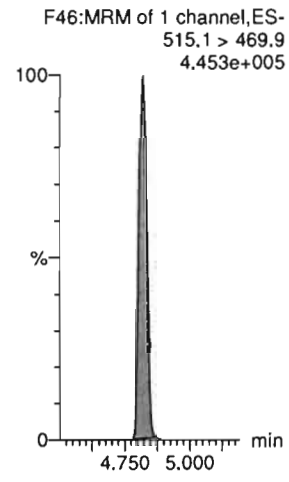

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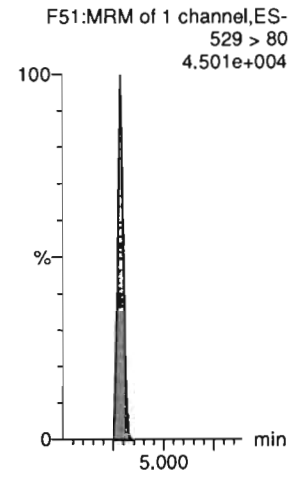

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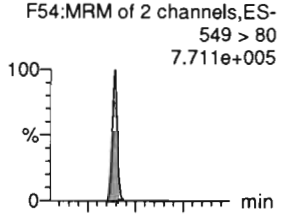

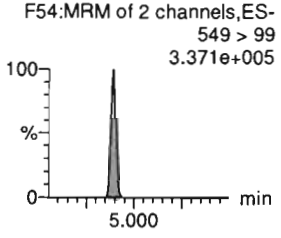

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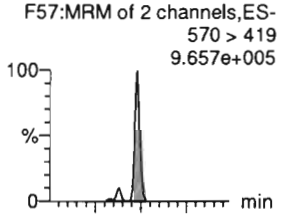

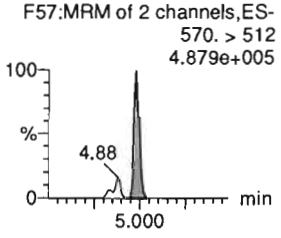

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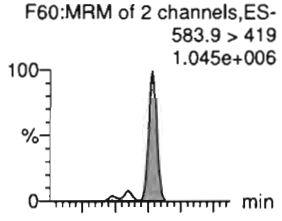

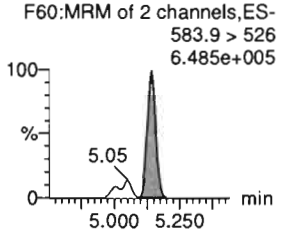

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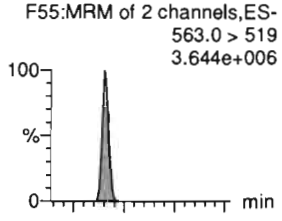

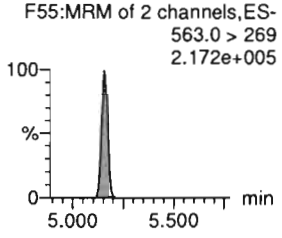

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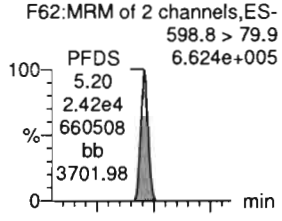

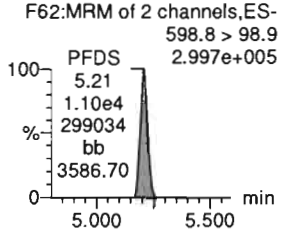

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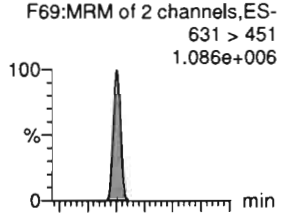

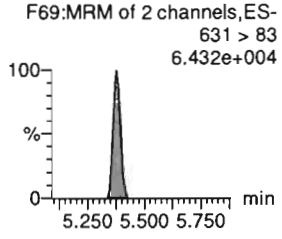

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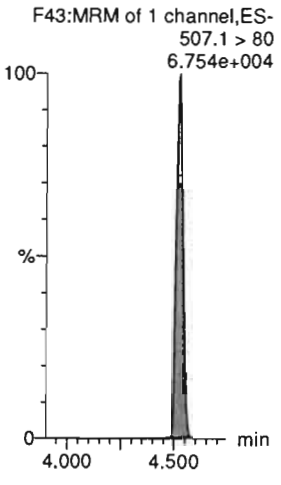
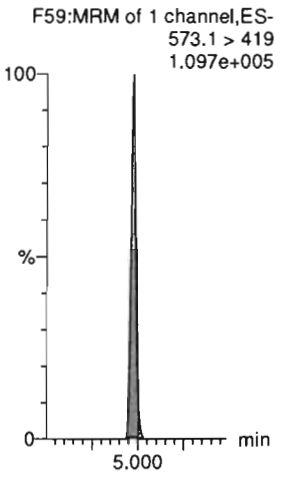


d3-N-MeFOSAA-EIS



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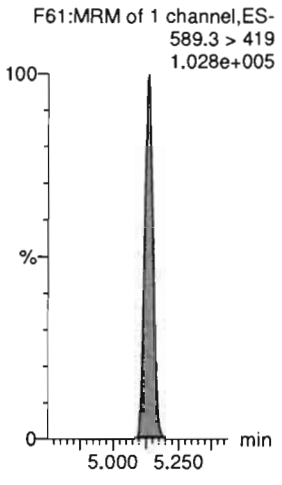
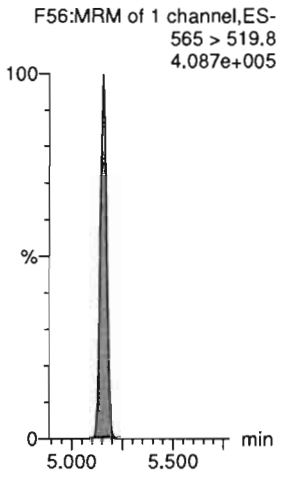
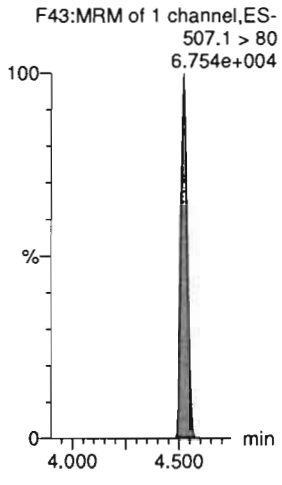


13C2-PFUdA-EIS



13C8-PFOS-EIS



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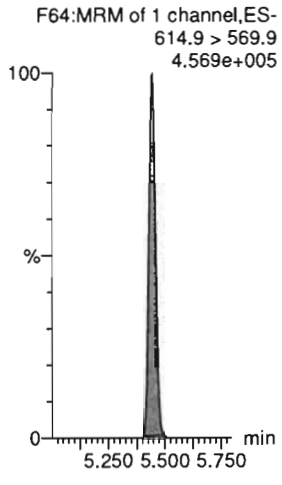

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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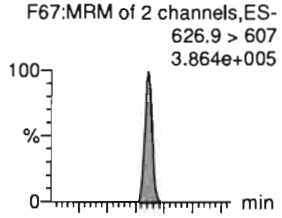
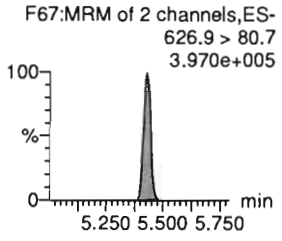
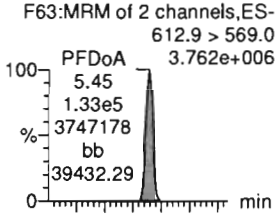
Name: 200629P1-11, Date: 29-Jun-2020, Time: 12:51:33, ID: ST200629P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

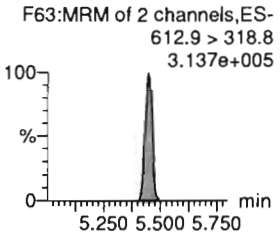
10:2 FTS



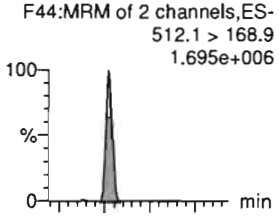


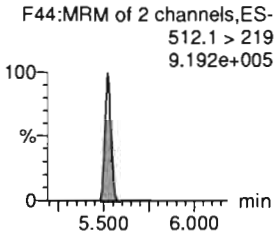
PFDoA





N-MeFOSA





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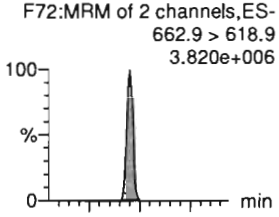
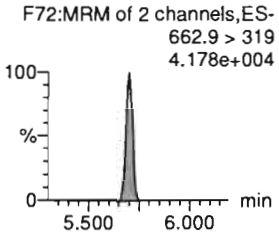
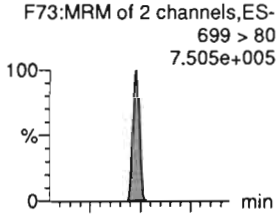
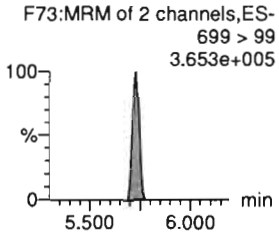


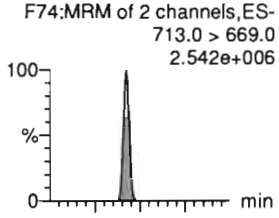


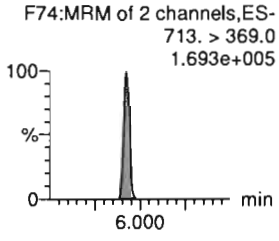
PFDoS



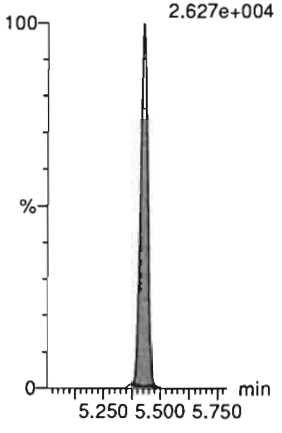


PFTeDA

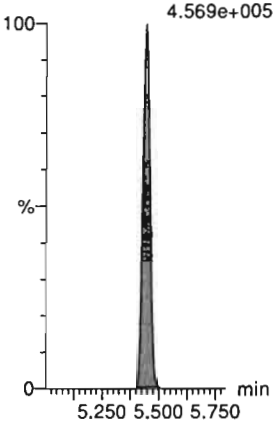




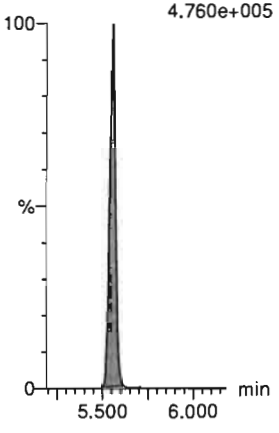
13C2-10:2 FTS-EIS



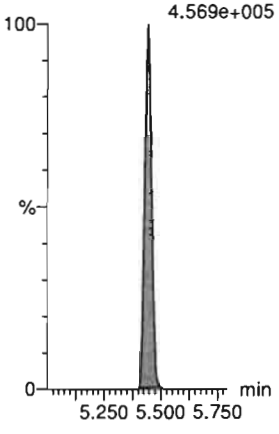
13C2-PFDoA-EIS



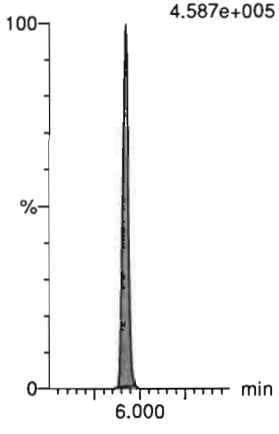
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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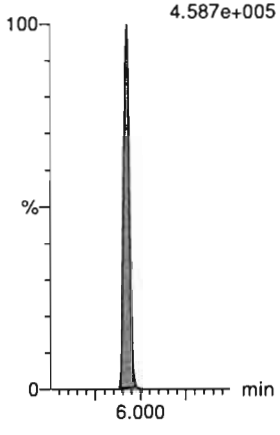

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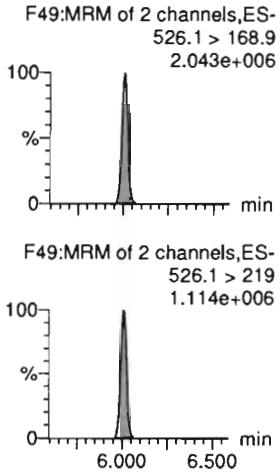
N-EtFOSA



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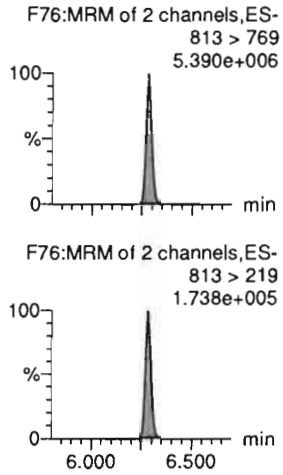

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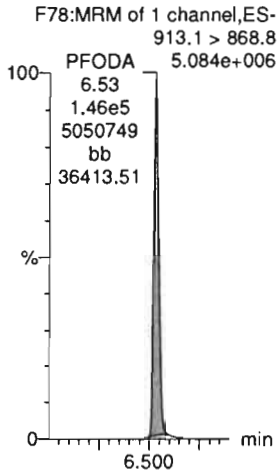
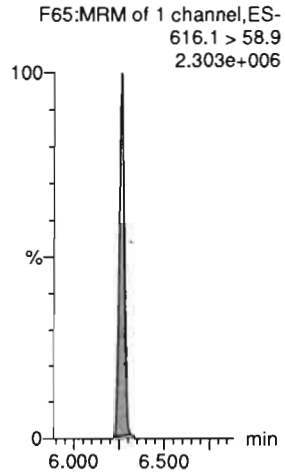


N-MeFOSE



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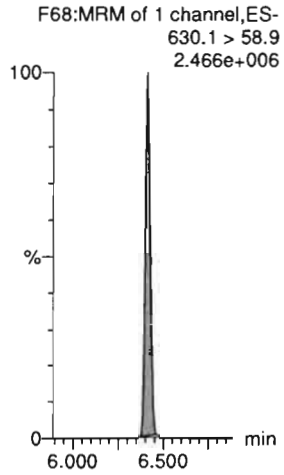

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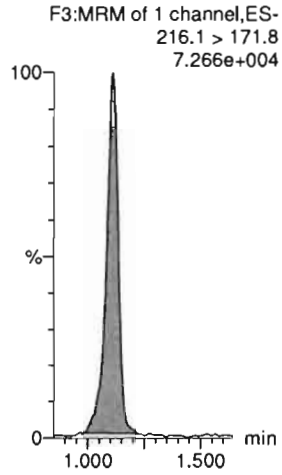
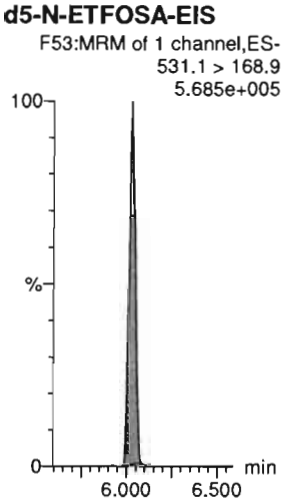
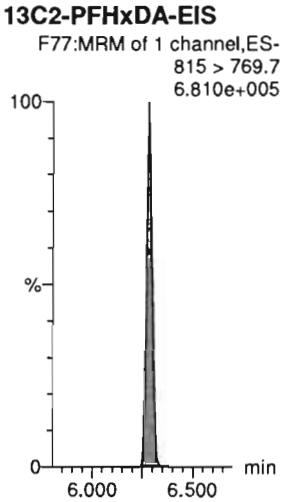


d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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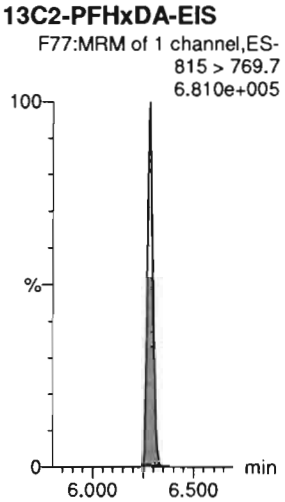
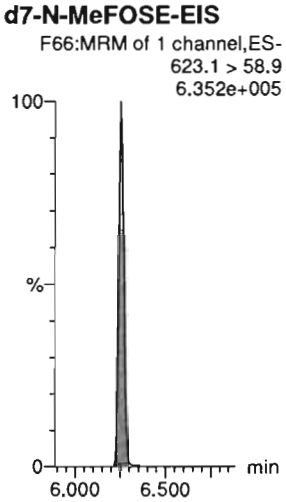
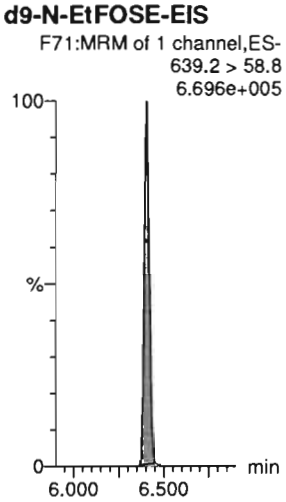


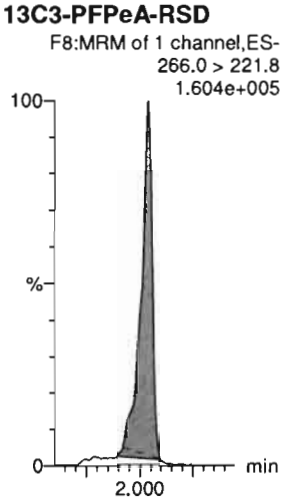
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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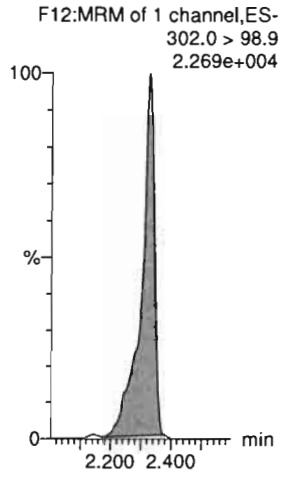
13C3-PFBS-RSD



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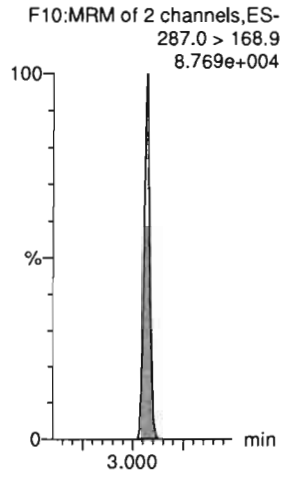

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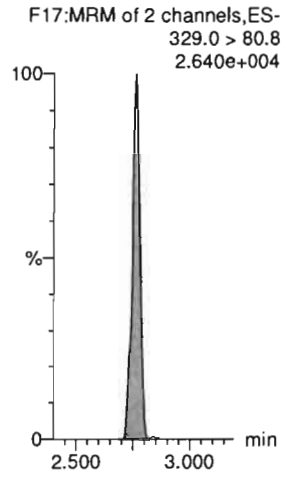

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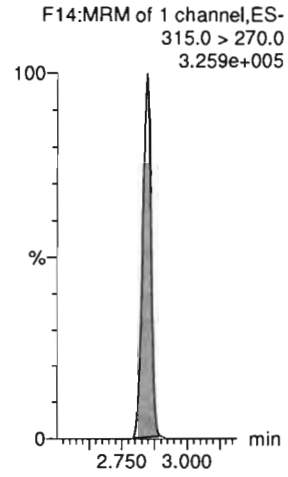

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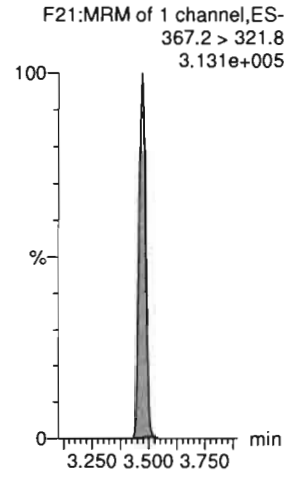

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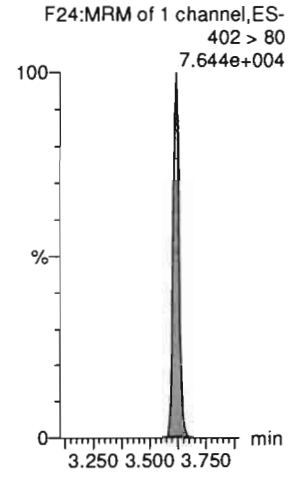
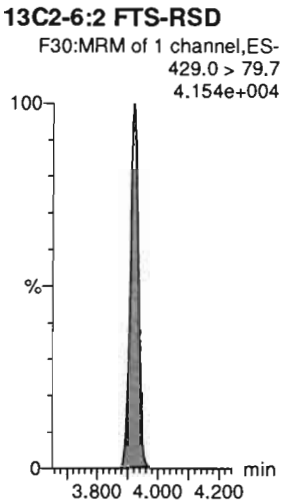


13C2-6:2 FTS-RSD



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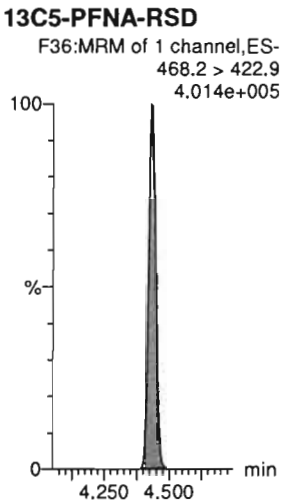

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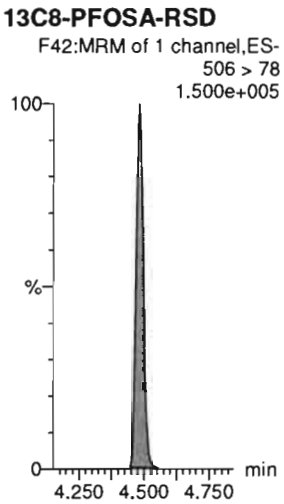

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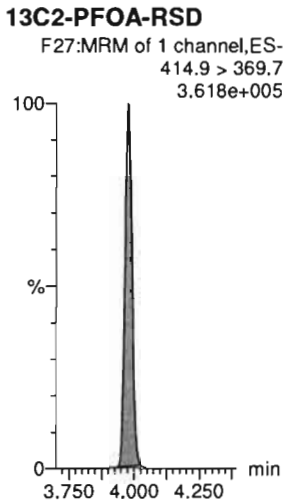
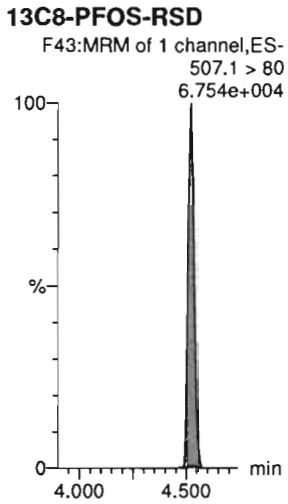
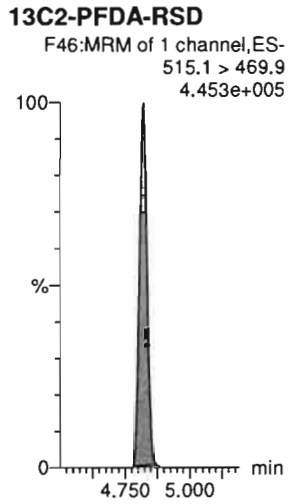


13C8-PFOS-RSD



13C2-PFDA-RSD



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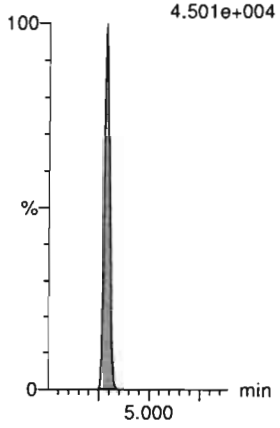
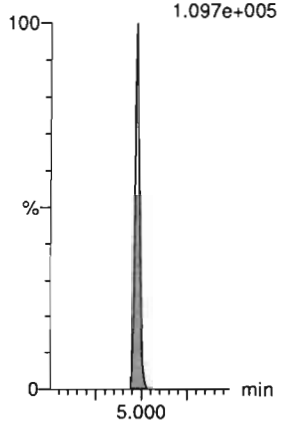
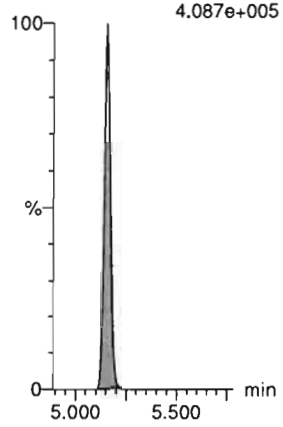
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.501e+004



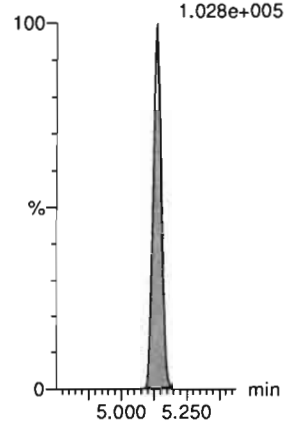
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.097e+005



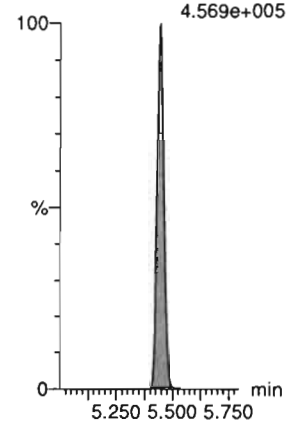
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.087e+005



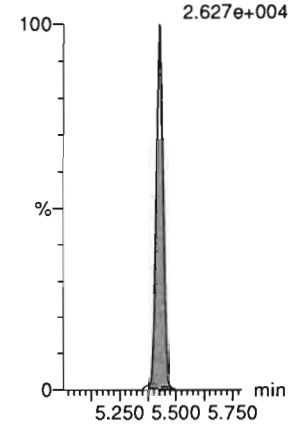
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.028e+005



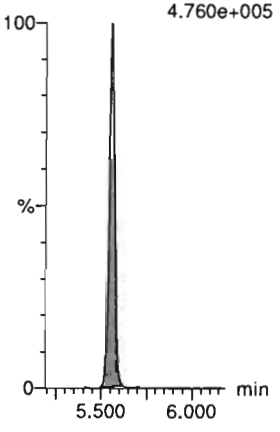
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.569e+005



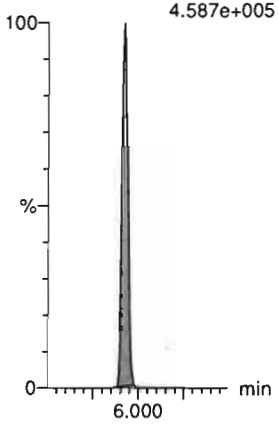
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.627e+004



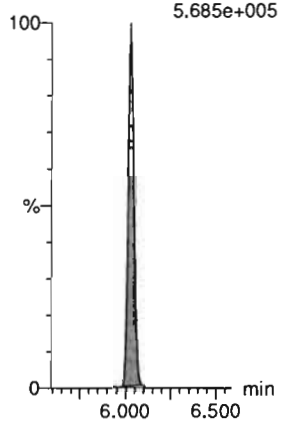
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.760e+005



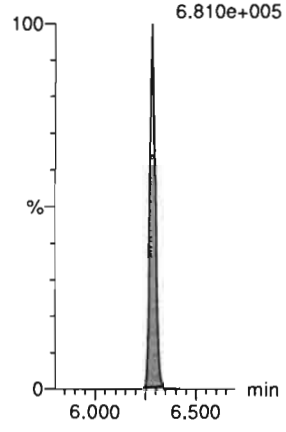
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.587e+005



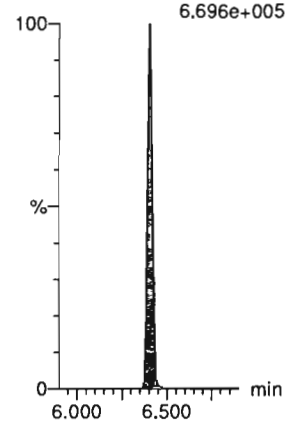
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.685e+005



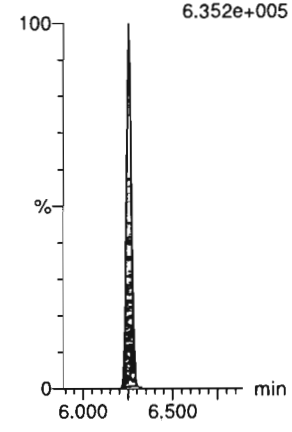
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.810e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.696e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.352e+005



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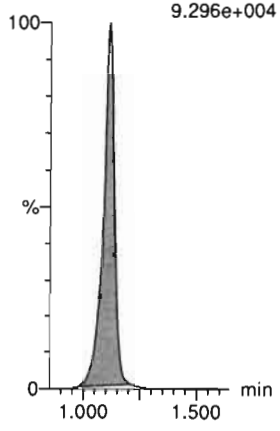
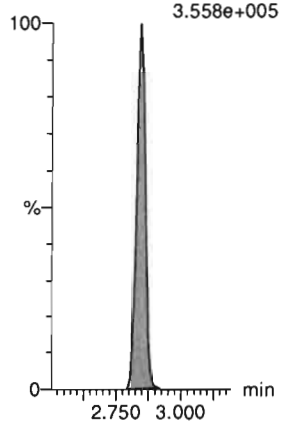
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-11, Date: 29-Jun-2020, Time: 12:51:33, ID: ST200629P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

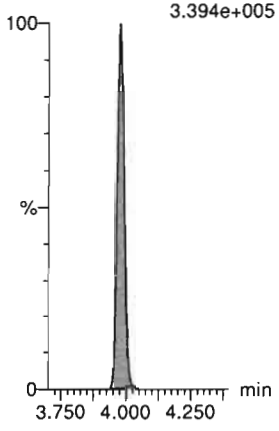
13C4-PFBA



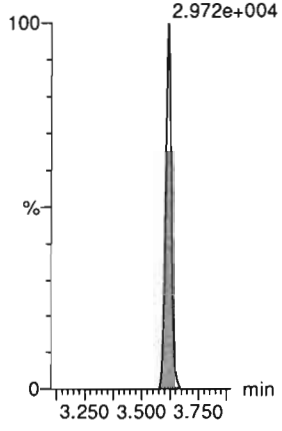
13C5-PFHxA



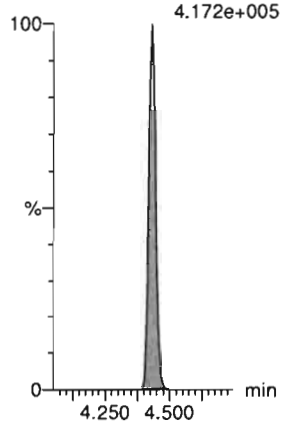
13C8-PFOA



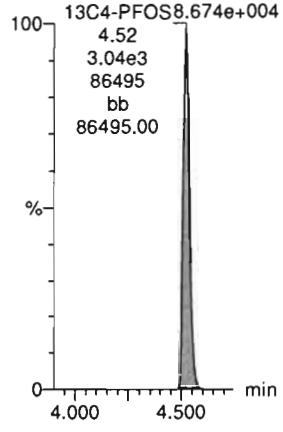
18O2-PFHxS



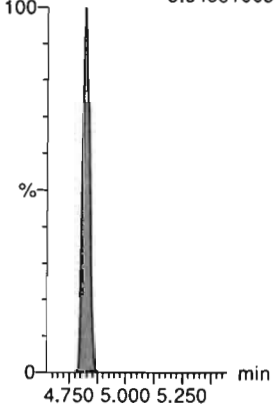
13C9-PFNA



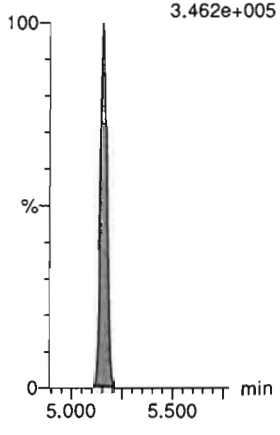
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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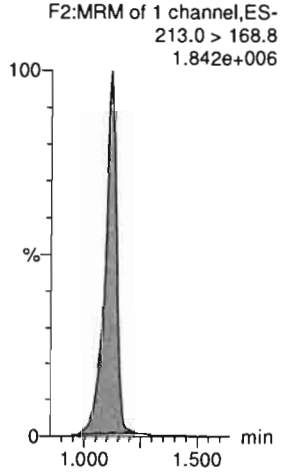
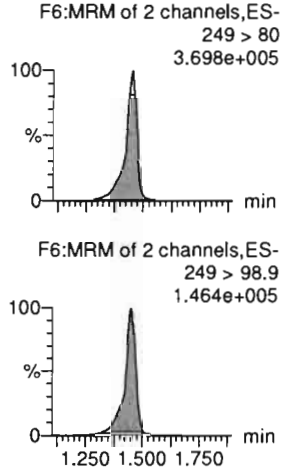
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

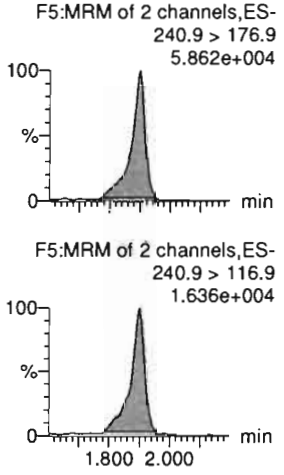
PFBA



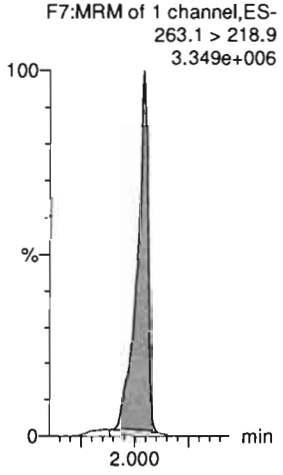
PFPrS



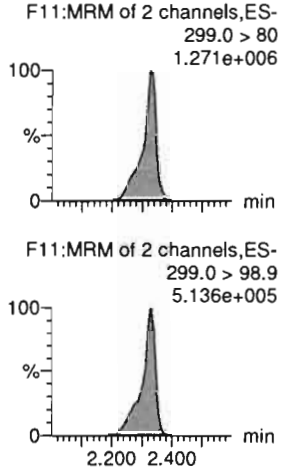
3:3 FTCA



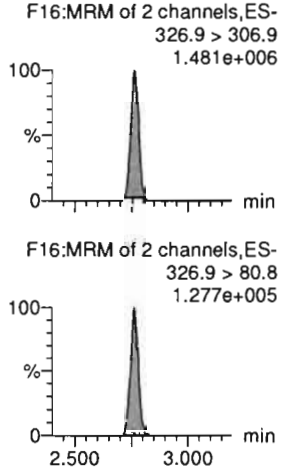
PFPeA



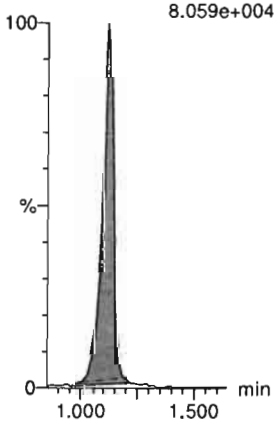
PFBS



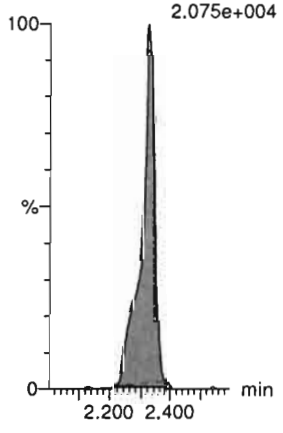
4:2 FTS



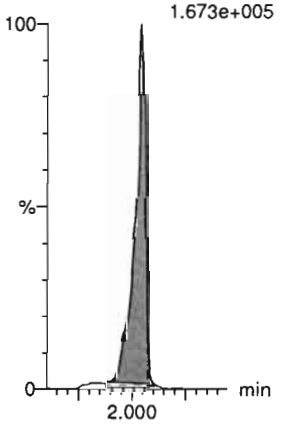
13C3-PFBA-EIS



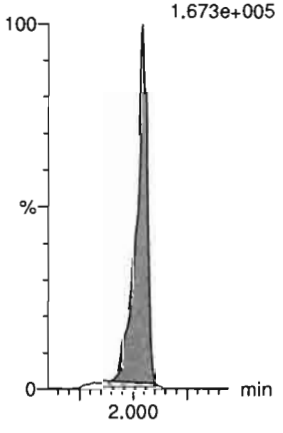
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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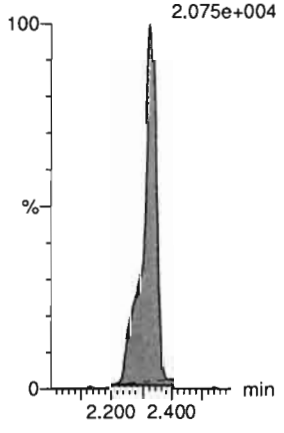
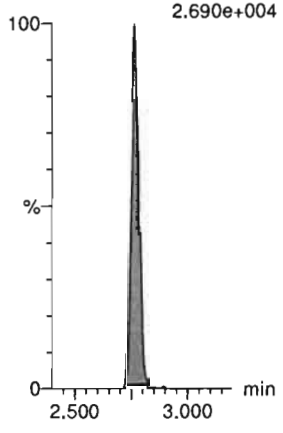


13C2-4:2 FTS-EIS



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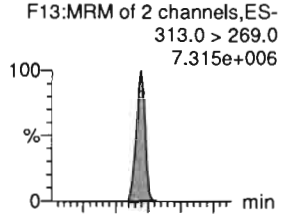
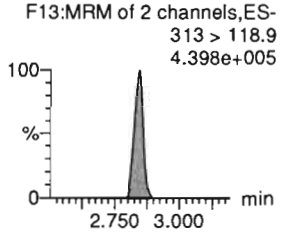
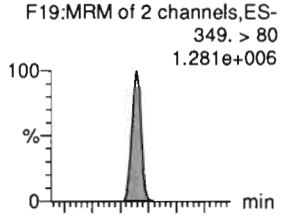
Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

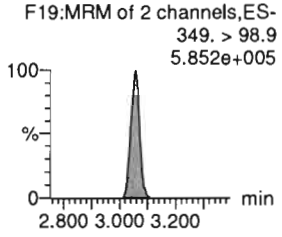
PFHxA



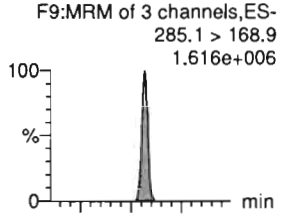


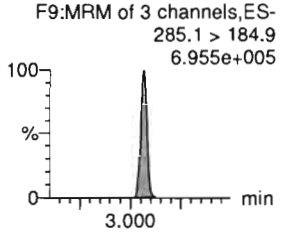
PFPeS



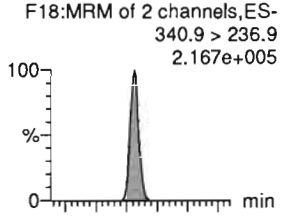


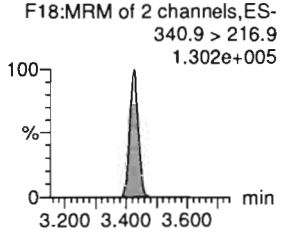
HFPO-DA



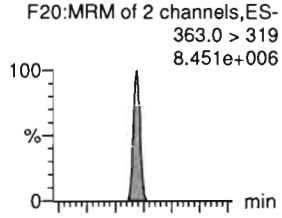


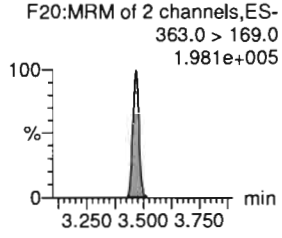
5:3 FTCA



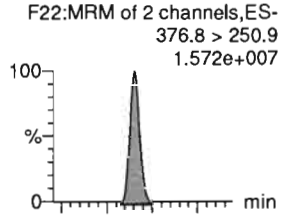


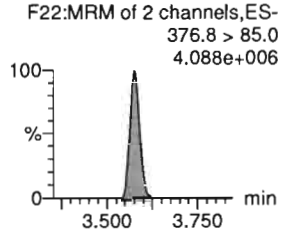
PFHpA



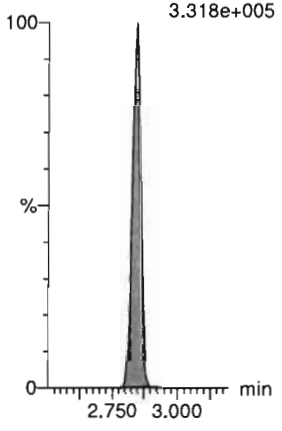


ADONA

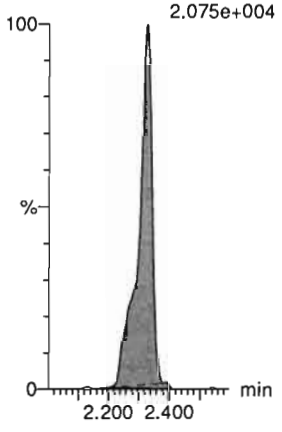




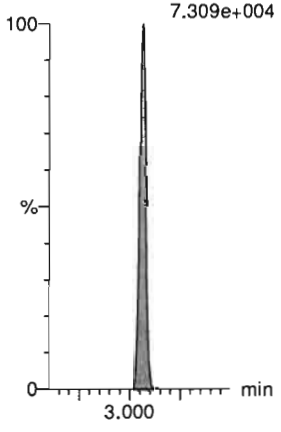
13C2-PFHxA-EIS



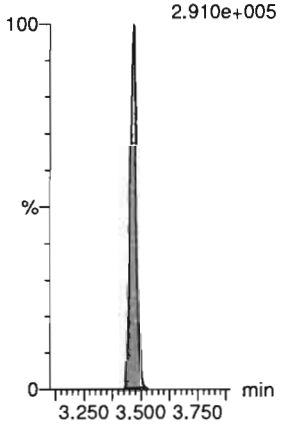
13C3-PFBS-EIS



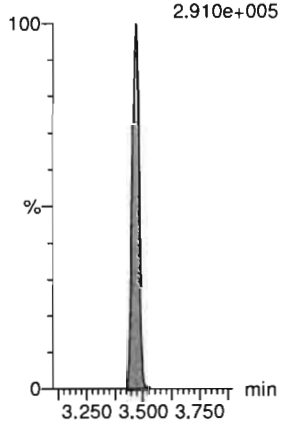
13C3-HFPO-DA-EIS



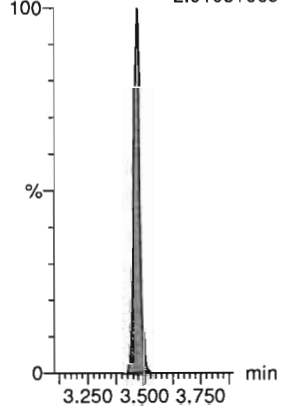
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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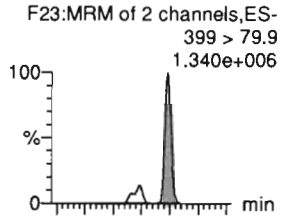
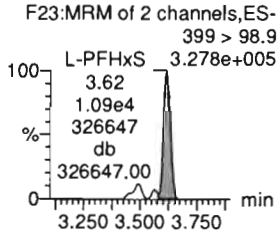
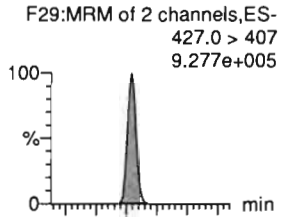
Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

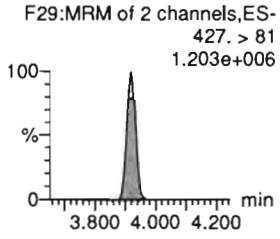
L-PFHxS





6:2 FTS





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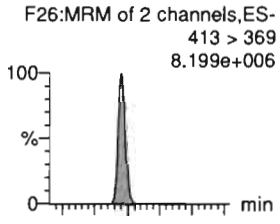

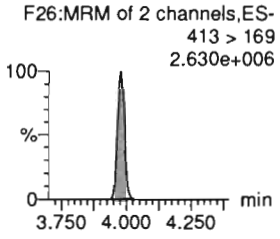

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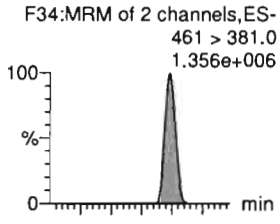
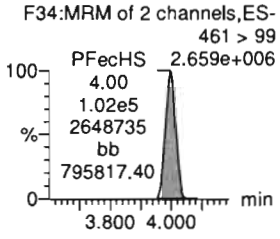
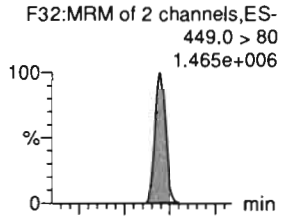
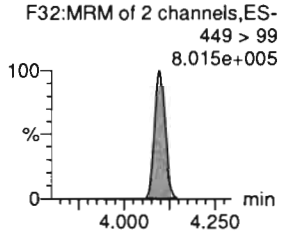


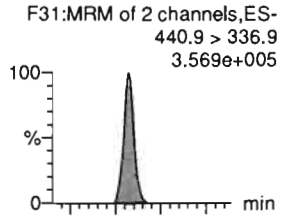


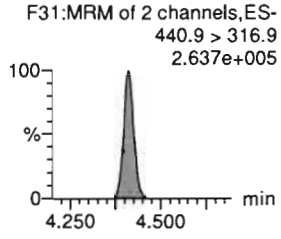
PFHpS



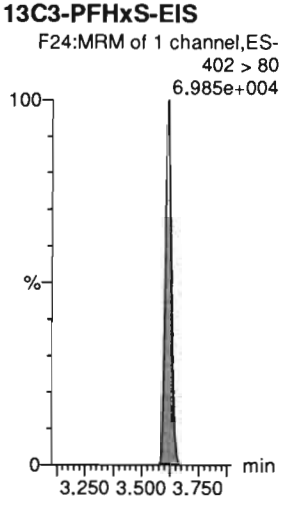


7:3 FTCA

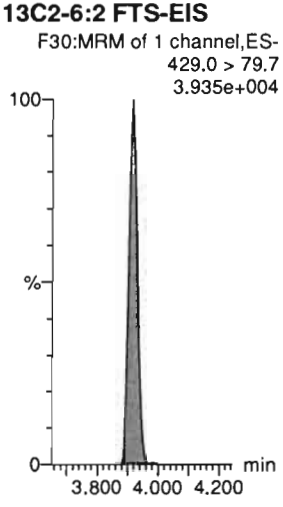




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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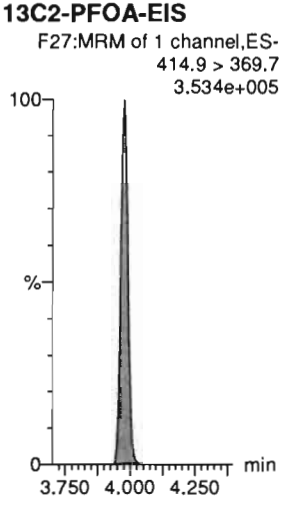

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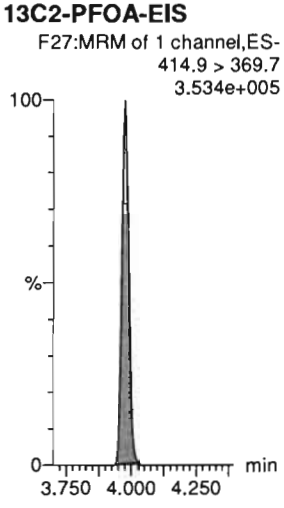
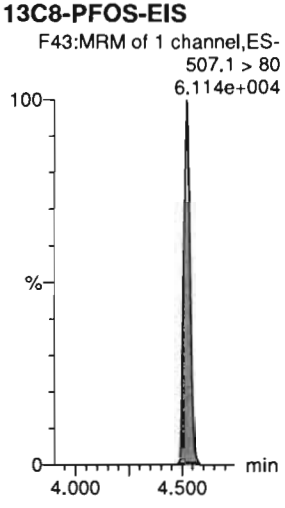
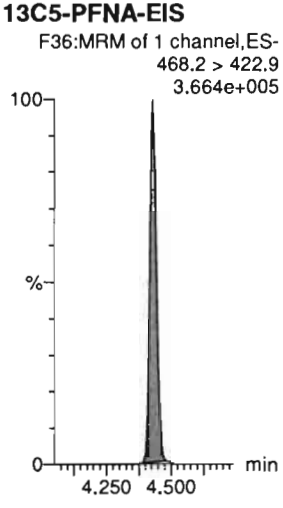


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

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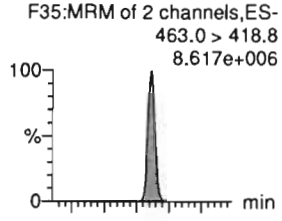

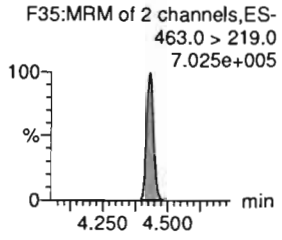

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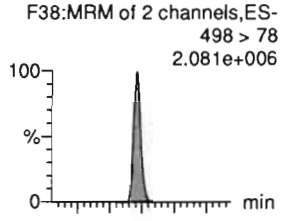

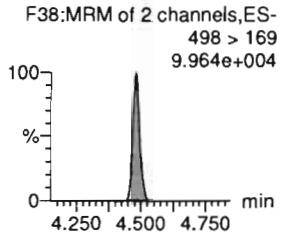

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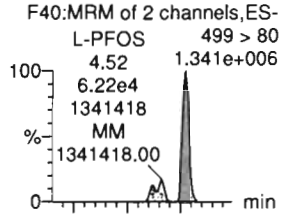
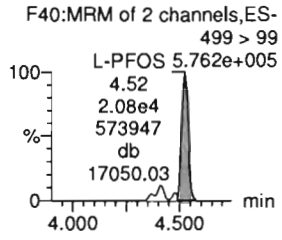
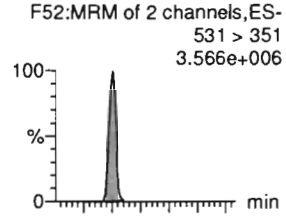
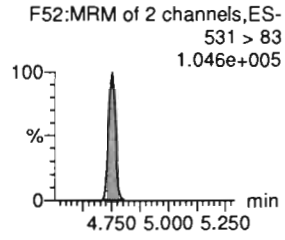




9Cl-PF30NS





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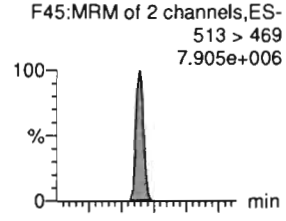
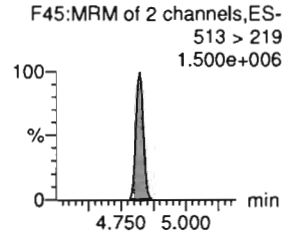
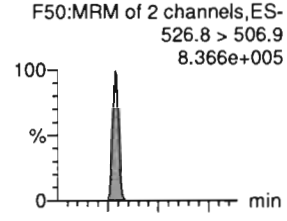
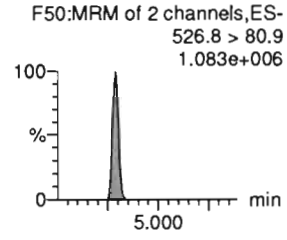


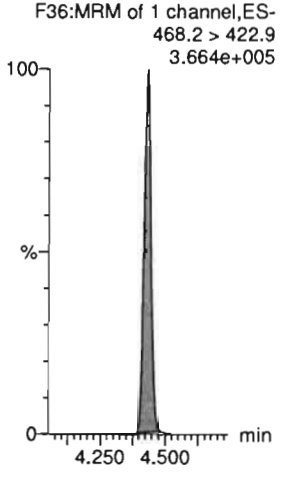


8:2 FTS

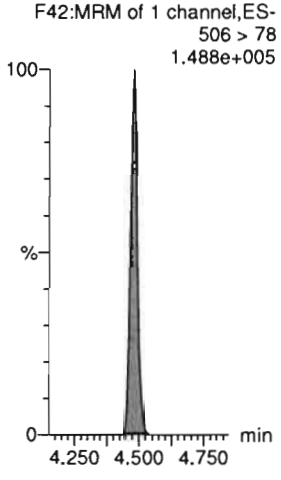




13C5-PFNA-EIS



13C8-PFOSA-EIS



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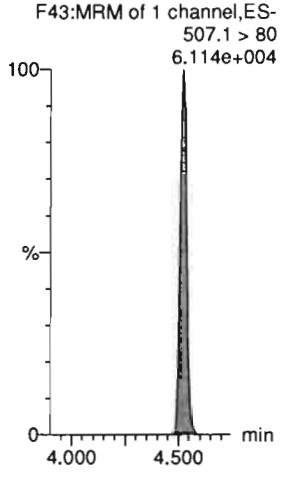
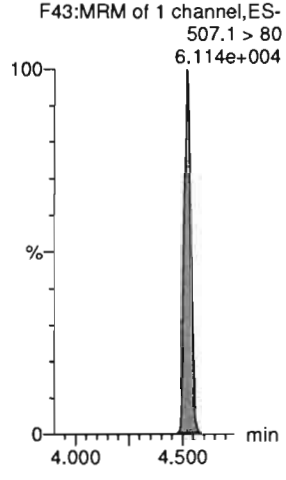
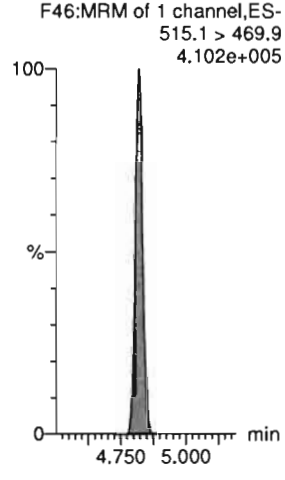


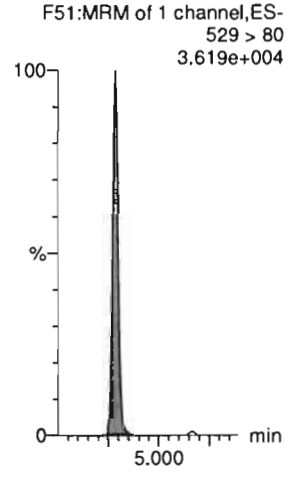
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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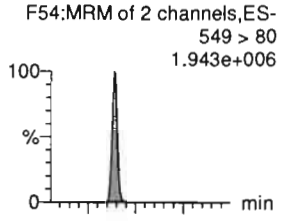
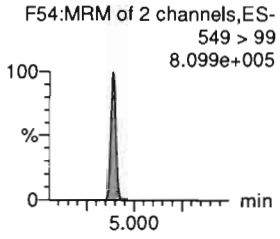
Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

PFNS





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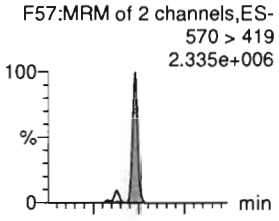
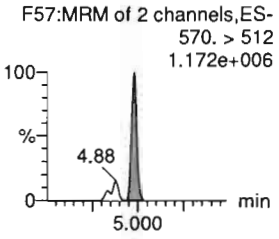
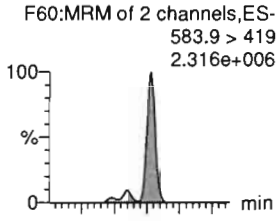
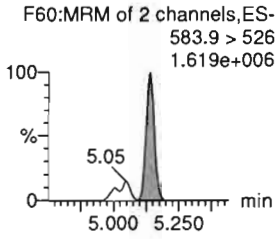




L-EtFOSAA





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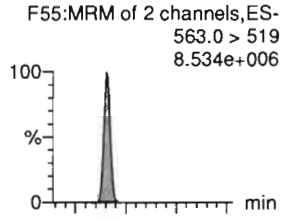

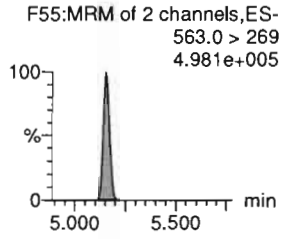

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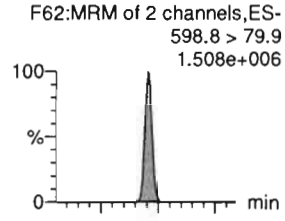

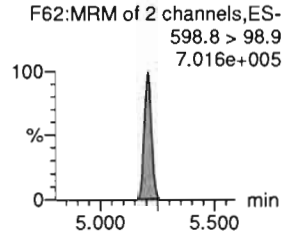

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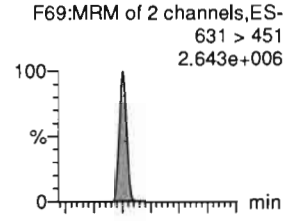
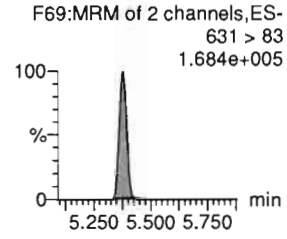
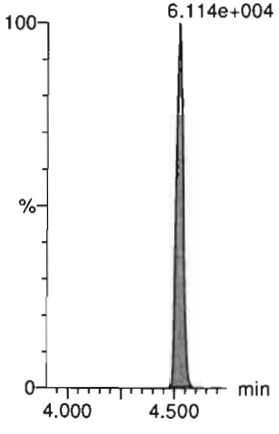




13C8-PFOS-EIS



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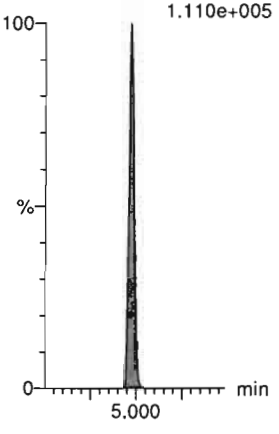

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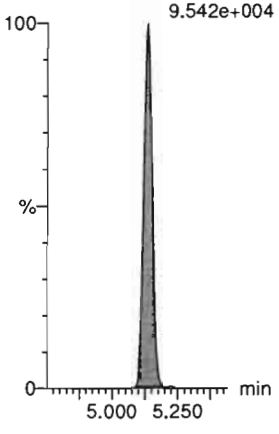

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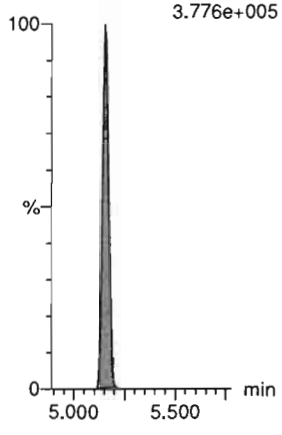
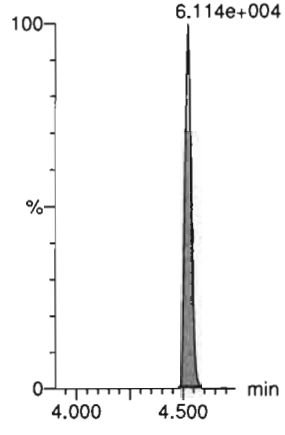


13C8-PFOS-EIS



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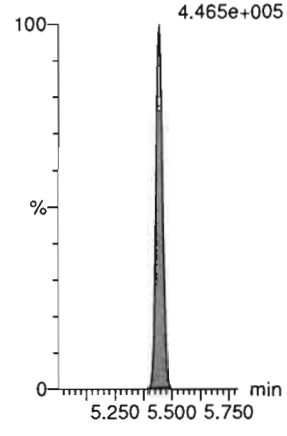

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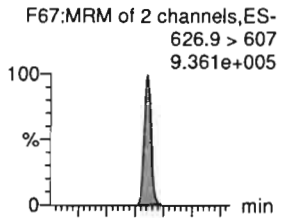
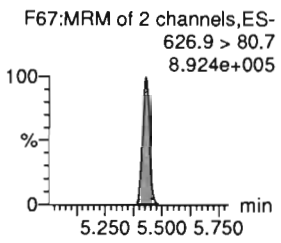
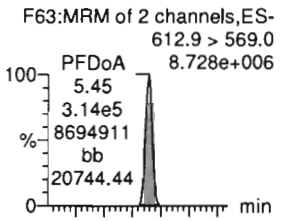
Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

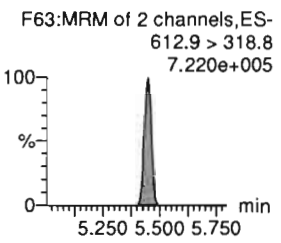
10:2 FTS



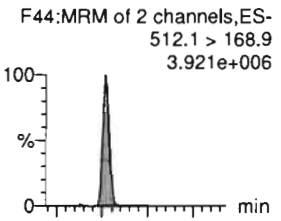


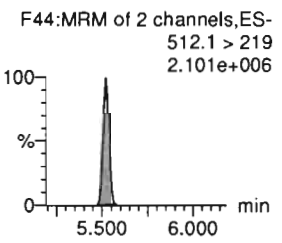
PFDoA



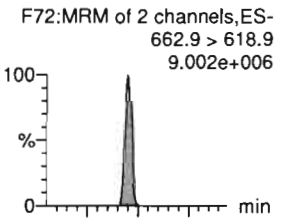


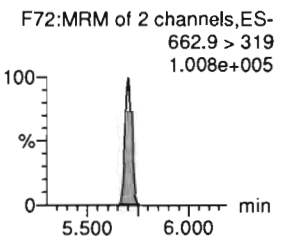
N-MeFOSA



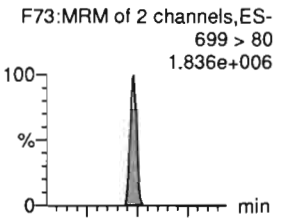


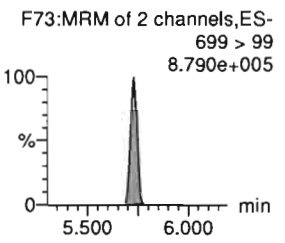
PFTrDA



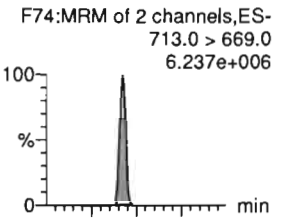


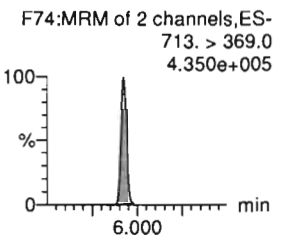
PFDoS



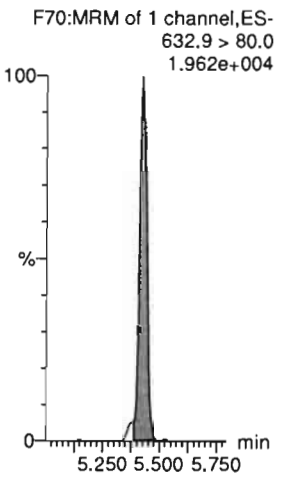


PFTeDA

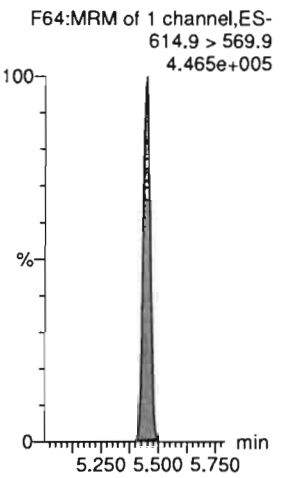




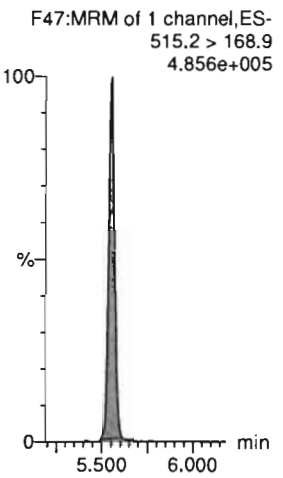
13C2-10:2 FTS-EIS



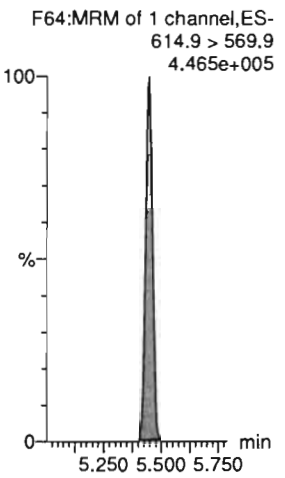
13C2-PFDoA-EIS



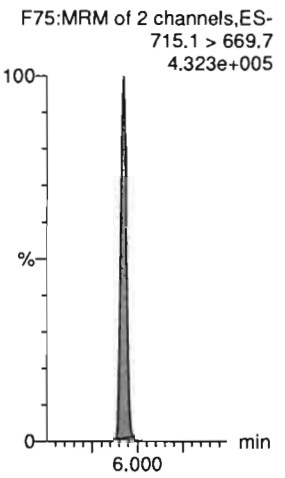
d3-N-MeFOSA-EIS



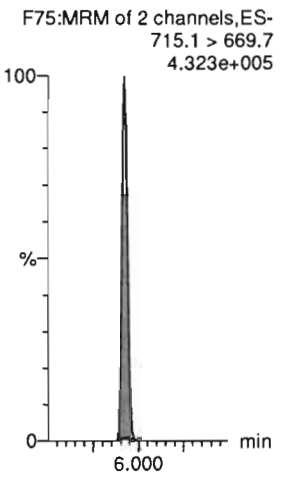
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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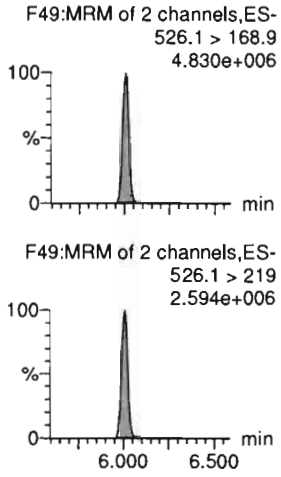
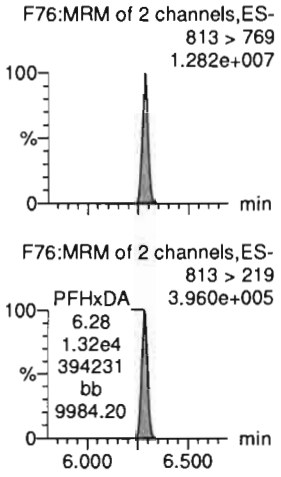
Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

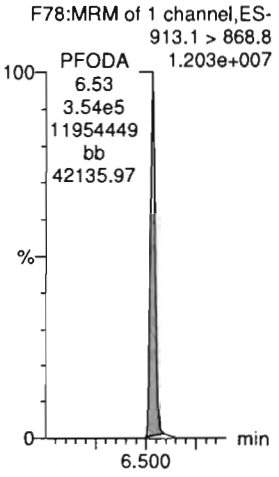
N-EtFOSA



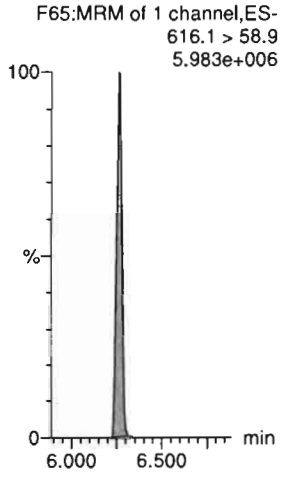
PFHxDA



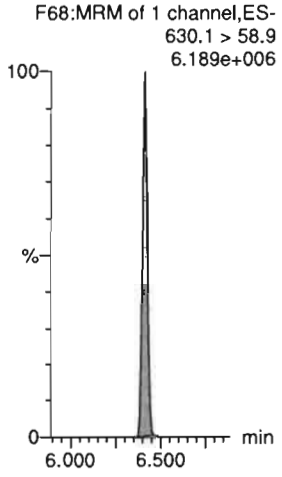
PFODA



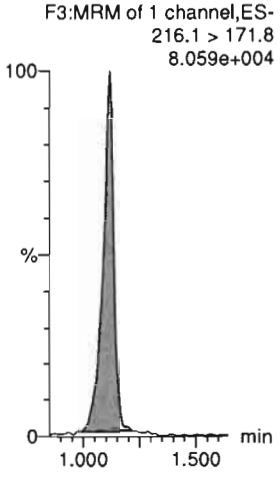
N-MeFOSE



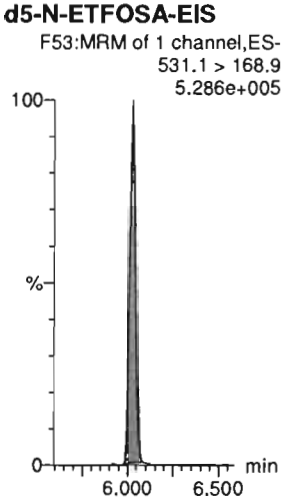
N-EtFOSE



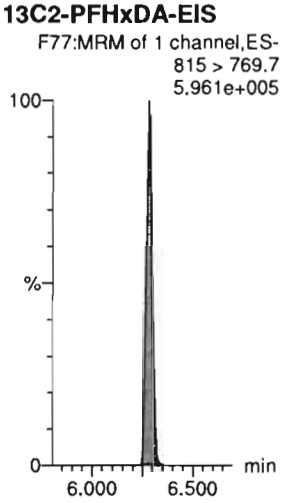
13C3-PFBA-RSD



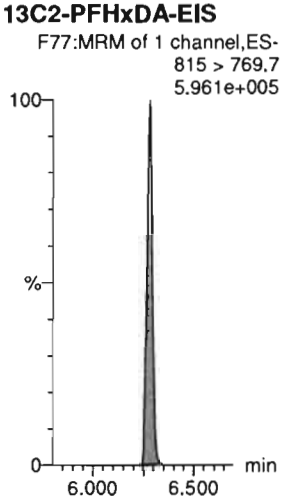
d5-N-ETFOSA-EIS



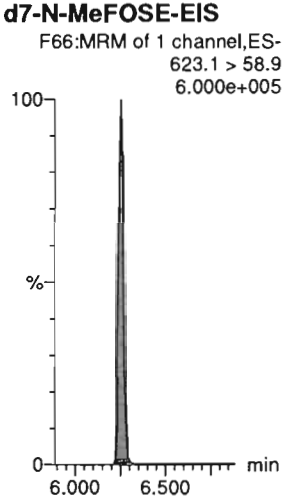
13C2-PFHxDA-EIS



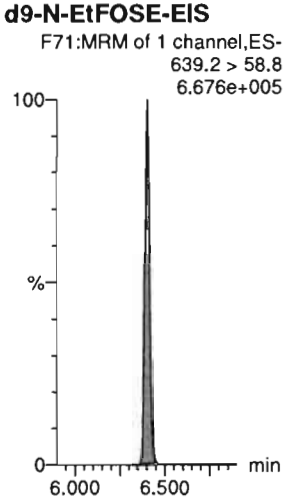
13C2-PFHxDA-EIS



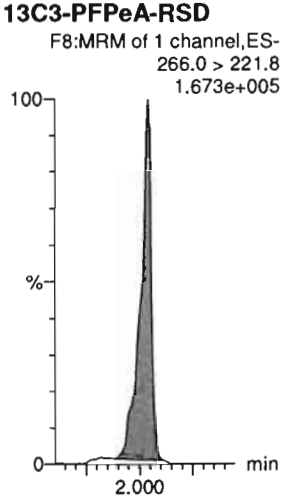
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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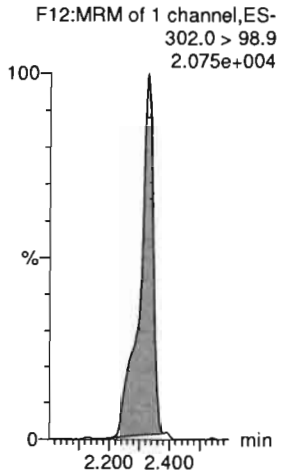
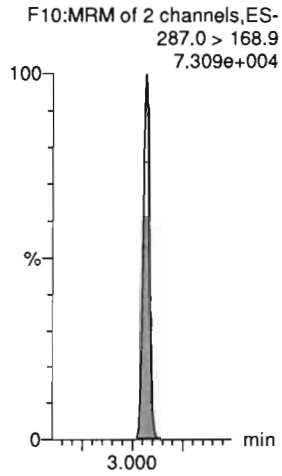
Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

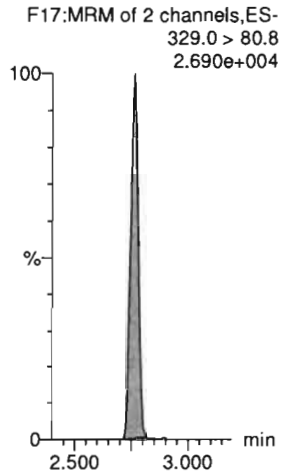
13C3-PFBS-RSD



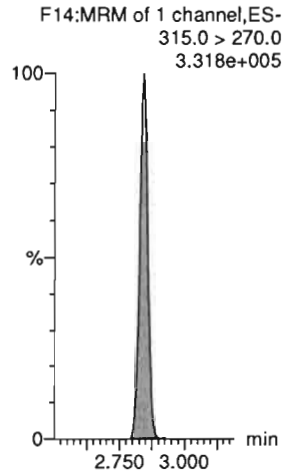
13C3-HFPO-DA-RSD



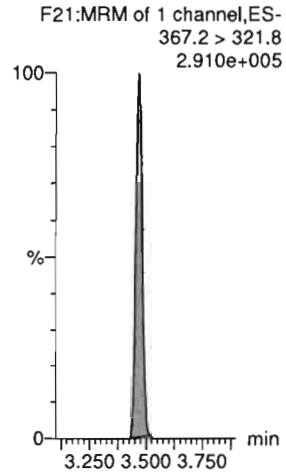
13C2-4:2 FTS-RSD



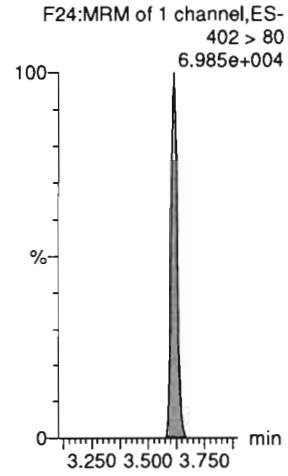
13C2-PFHxA-RSD



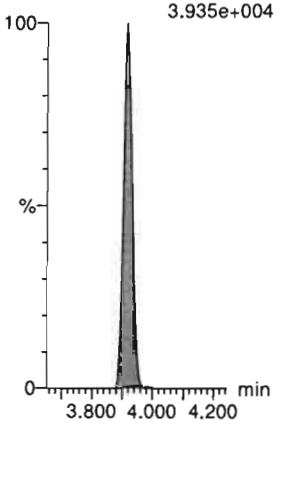
13C4-PFHpA-RSD



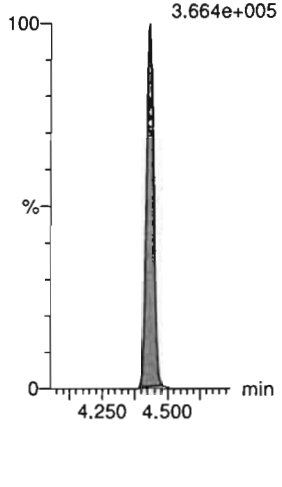
13C3-PFHxS-RSD



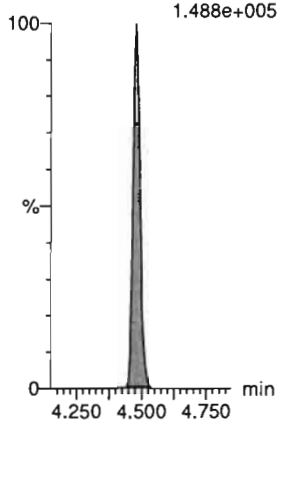
13C2-6:2 FTS-RSD



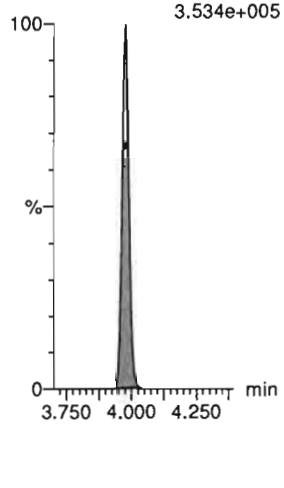
13C5-PFNA-RSD



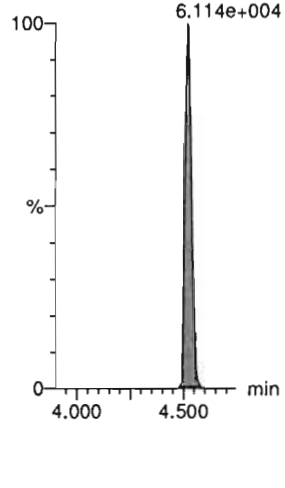
13C8-PFOSA-RSD



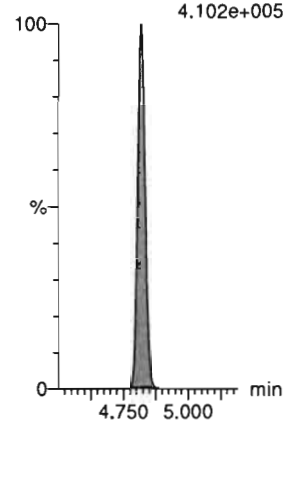
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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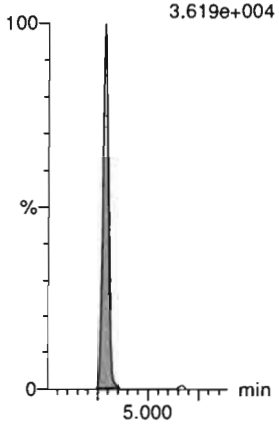
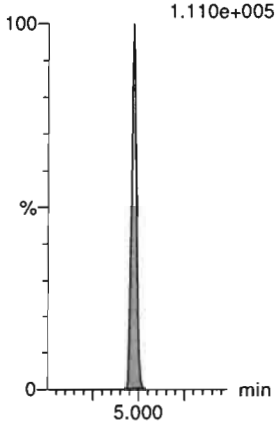
Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04, ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

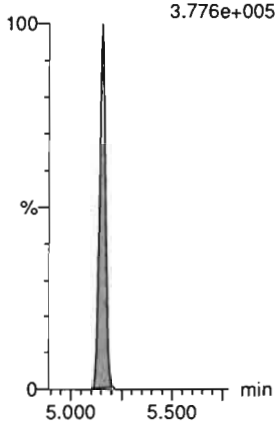
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.619e+004



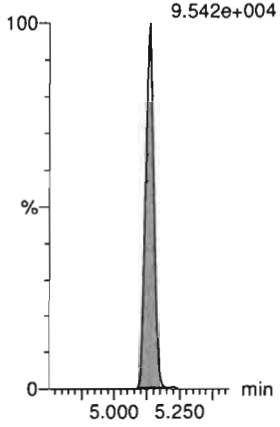
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.110e+005



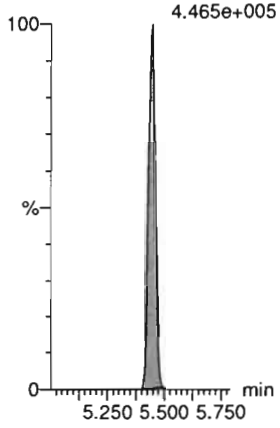
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
3.776e+005



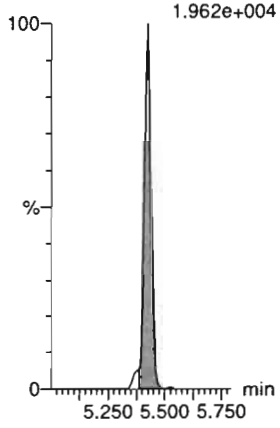
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
9.542e+004



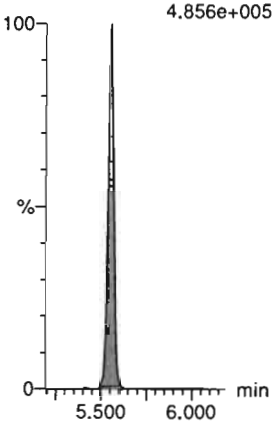
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
4.465e+005



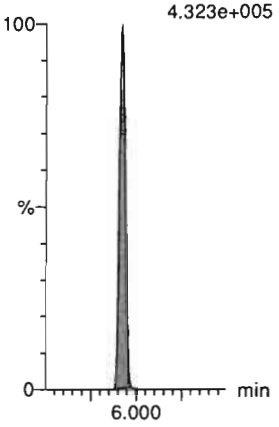
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
1.962e+004



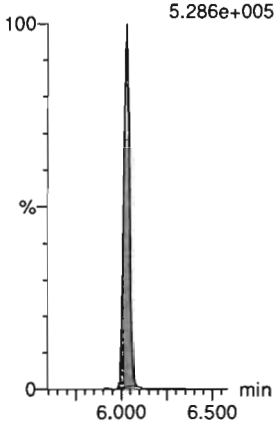
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.856e+005



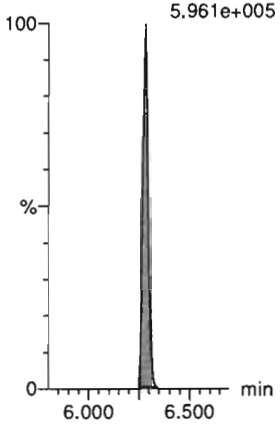
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.323e+005



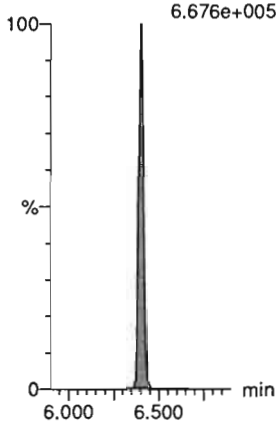
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.286e+005



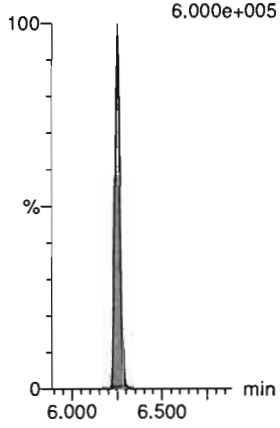
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.961e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.676e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.000e+005



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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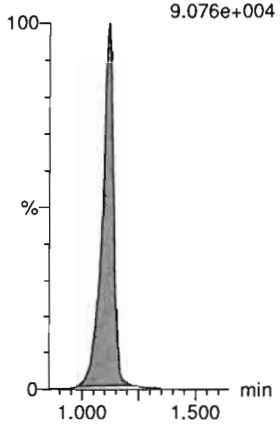
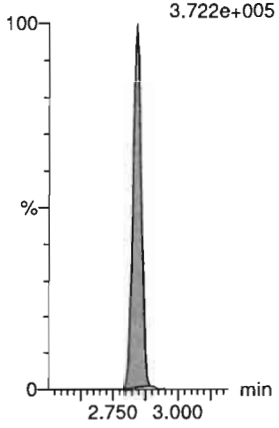
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-12, Date: 29-Jun-2020, Time: 13:02:04; ID: ST200629P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

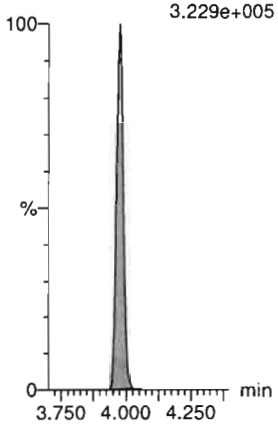
13C4-PFBA



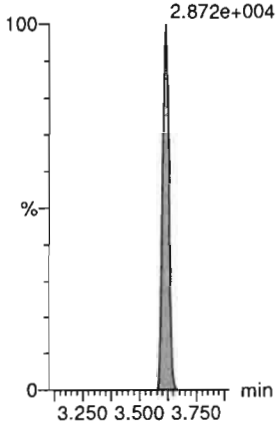
13C5-PFHxA



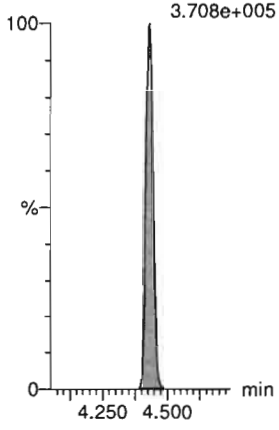
13C8-PFOA



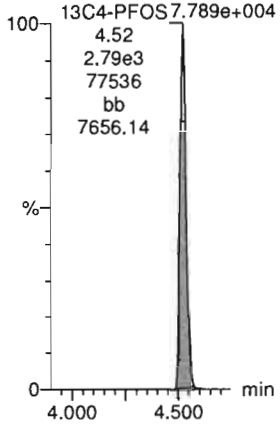
18O2-PFHxS



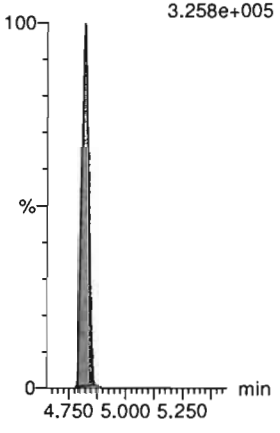
13C9-PFNA



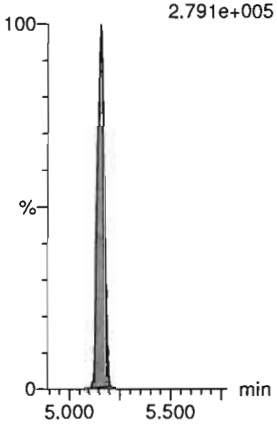
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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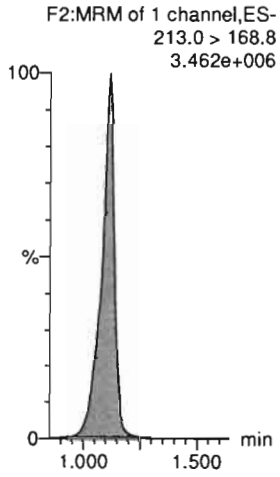
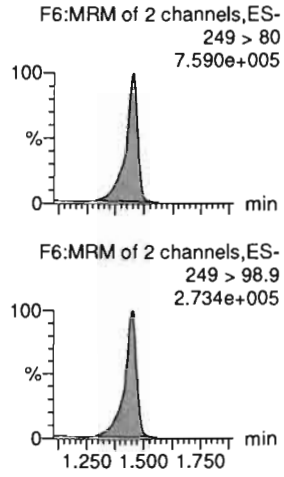
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

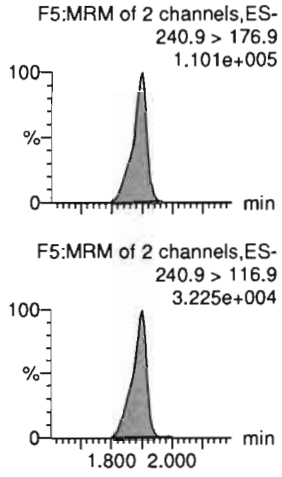
PFBA



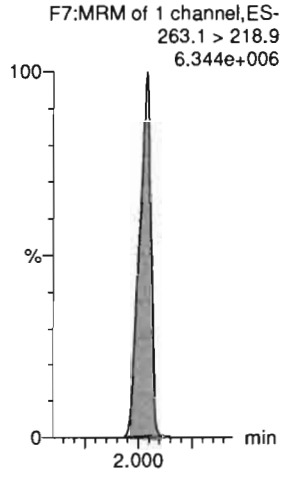
PFPrS



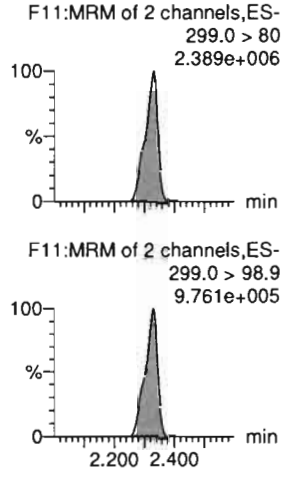
3:3 FTCA



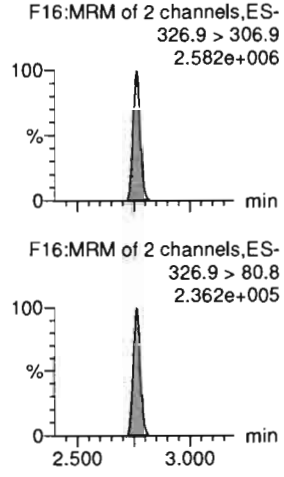
PFPeA



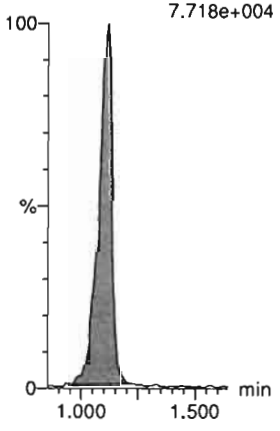
PFBS



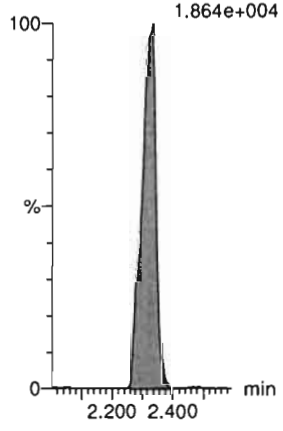
4:2 FTS



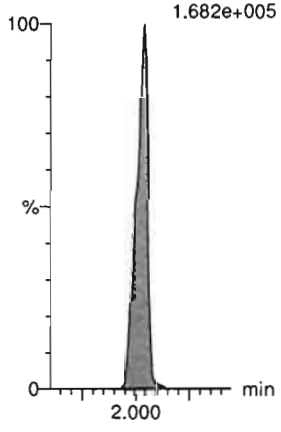
13C3-PFBA-EIS



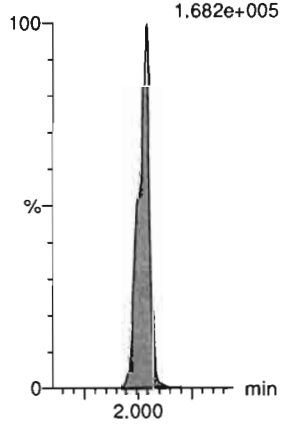
13C3-PFBS-EIS



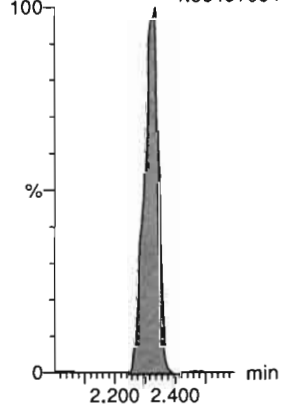
13C3-PFPeA-EIS



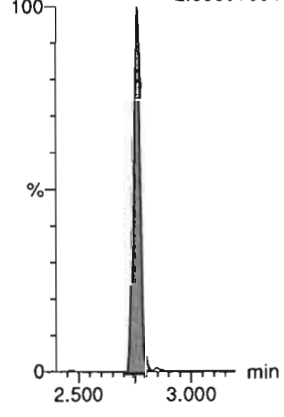
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

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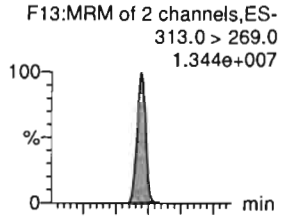
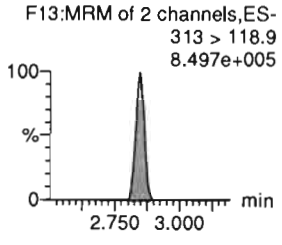
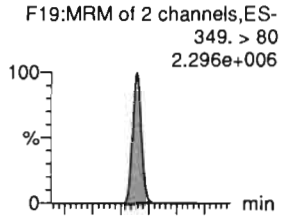
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

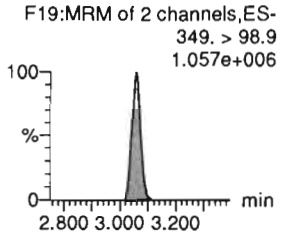
PFHxA



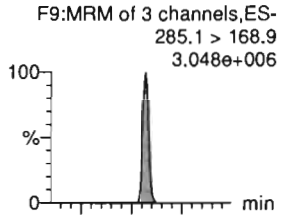


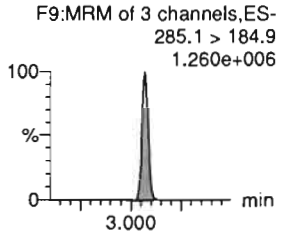
PFPeS



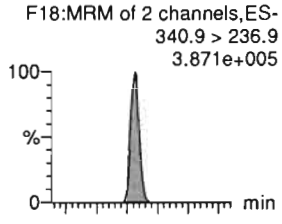


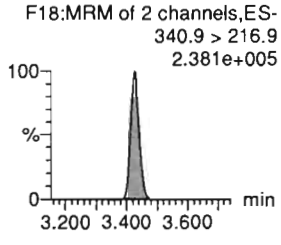
HFPO-DA



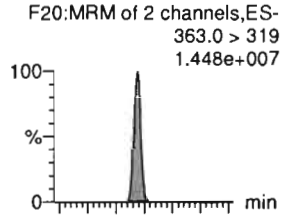


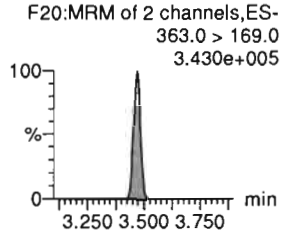
5:3 FTCA



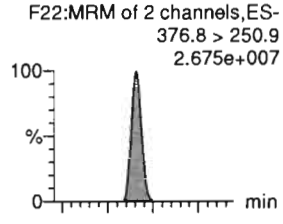


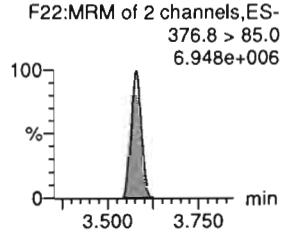
PFHpA



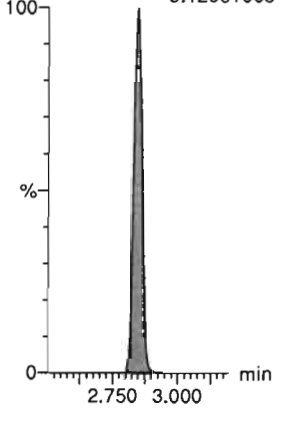


ADONA

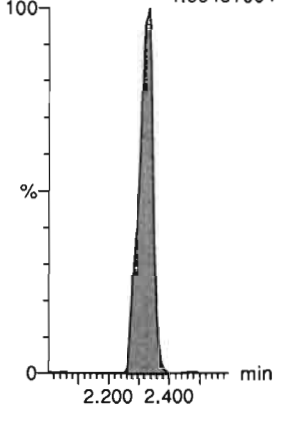




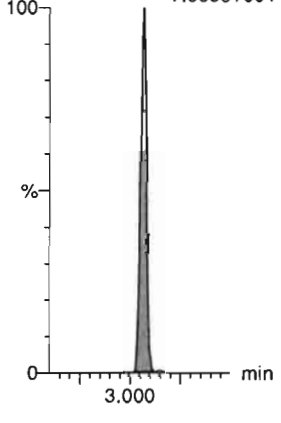
13C2-PFHxA-EIS



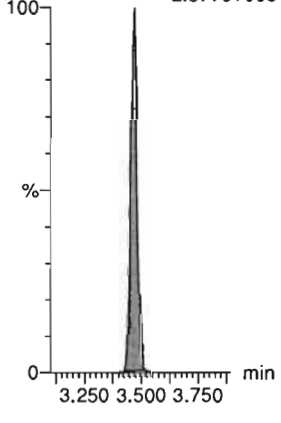
13C3-PFBS-EIS



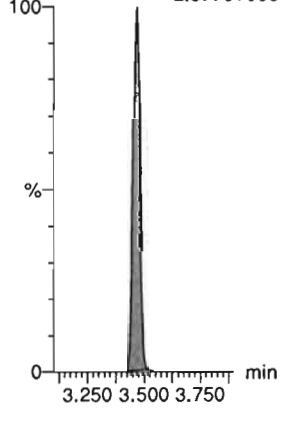
13C3-HFPO-DA-EIS



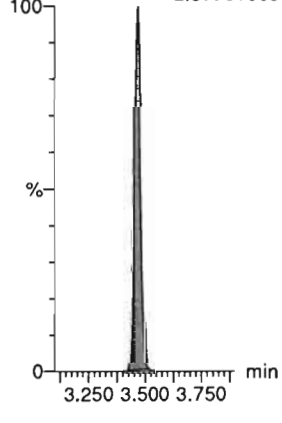
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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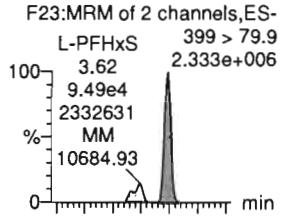
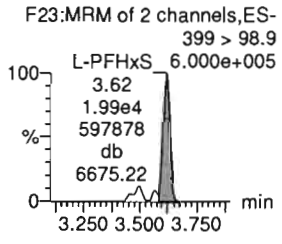
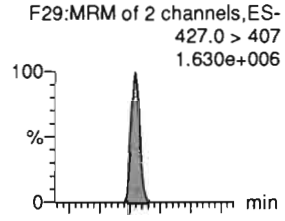
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

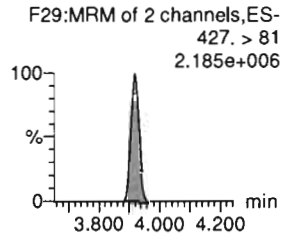
L-PFHxS



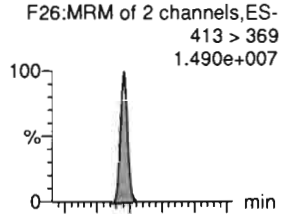


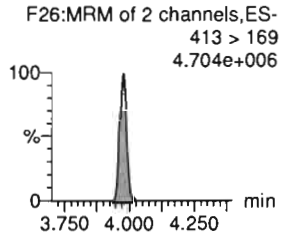
6:2 FTS



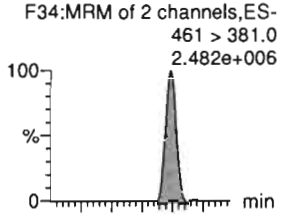


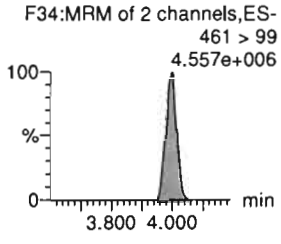
L-PFOA



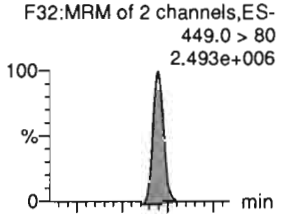


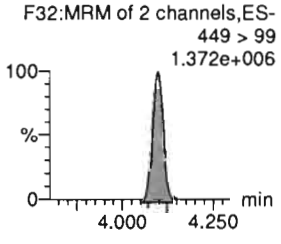
PFEChS



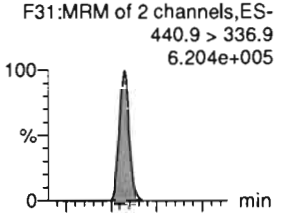


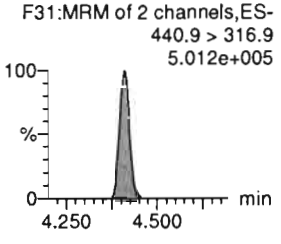
PFHpS



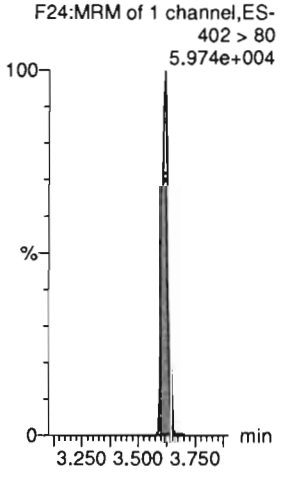


7:3 FTCA

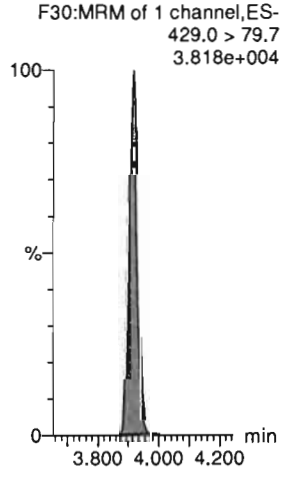




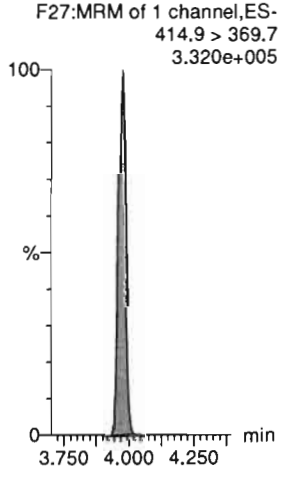
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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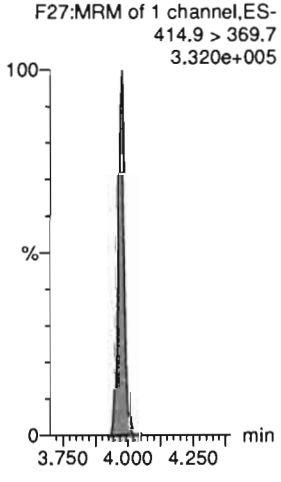
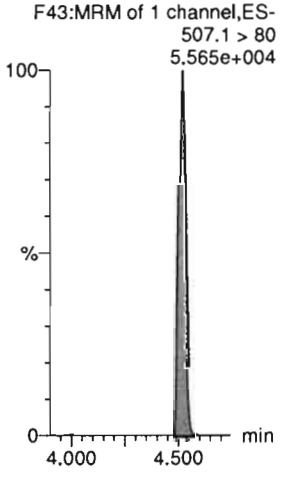
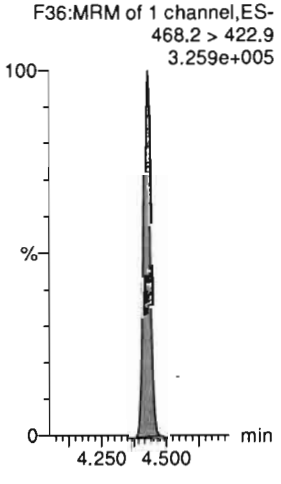


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 08:37:24 Pacific Daylight Time

Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

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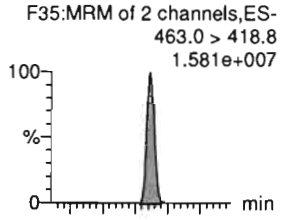

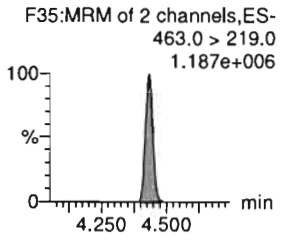

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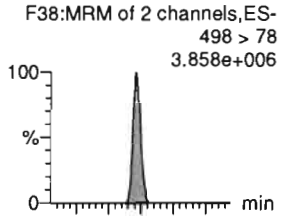
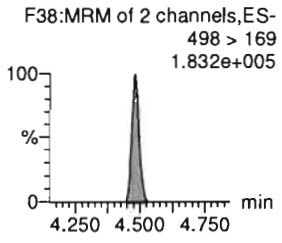
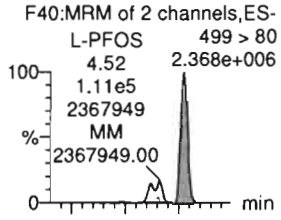
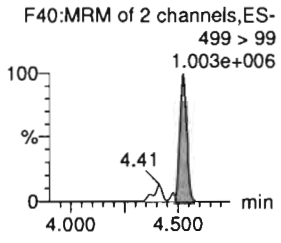


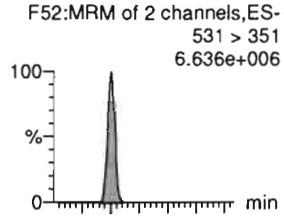


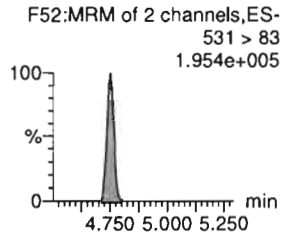
L-PFOS





9Cl-PF30NS





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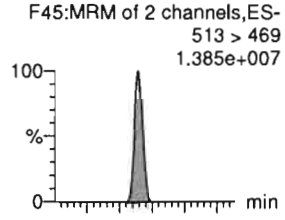
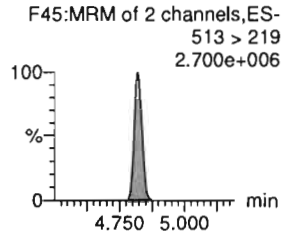
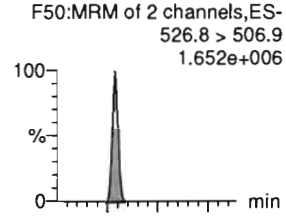
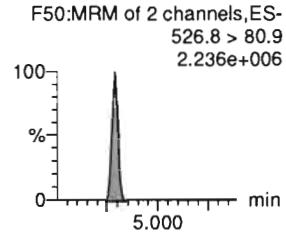


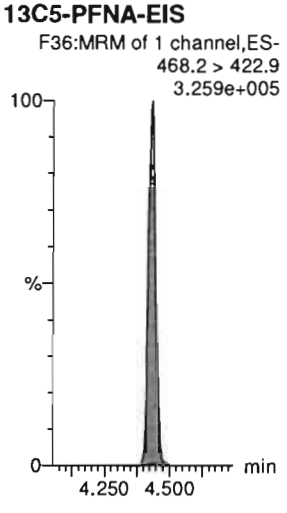


8:2 FTS

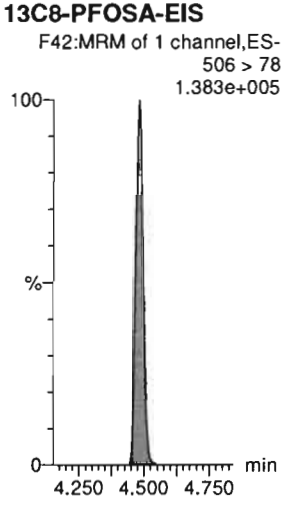




13C5-PFNA-EIS



13C8-PFOSA-EIS



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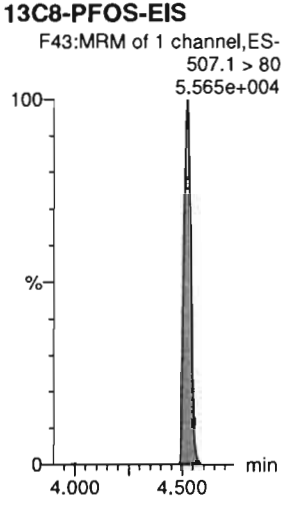
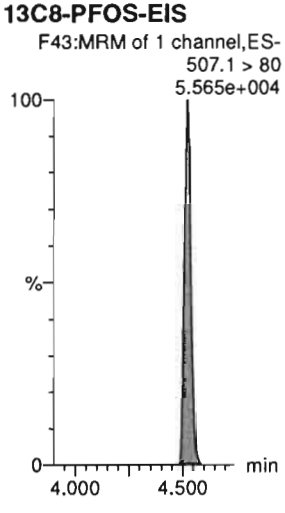
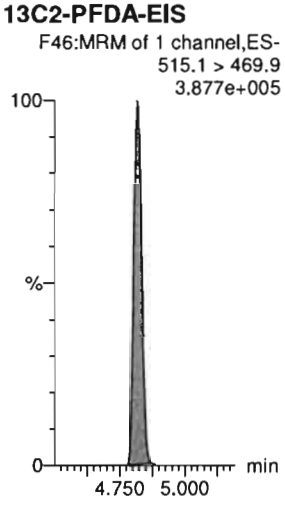


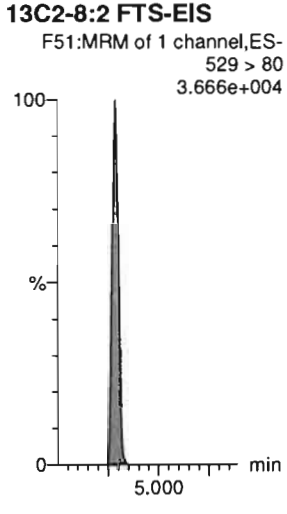
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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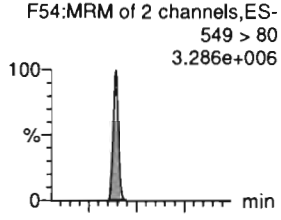
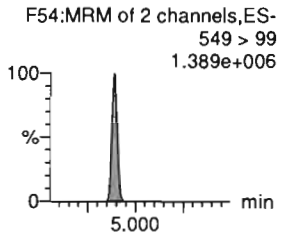
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

PFNS





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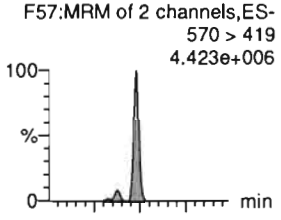

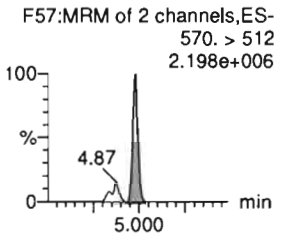

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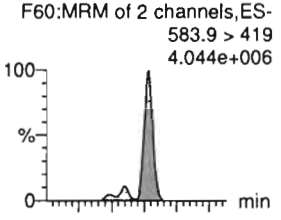
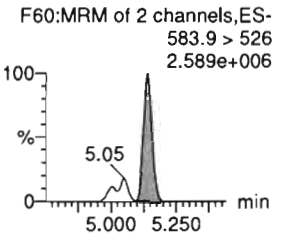
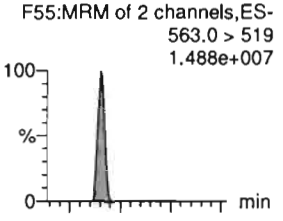
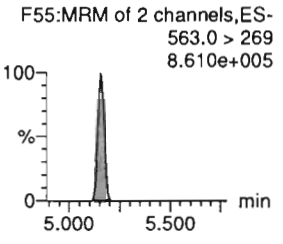


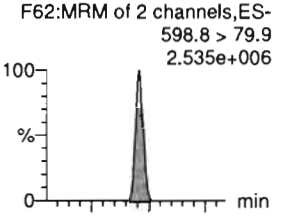


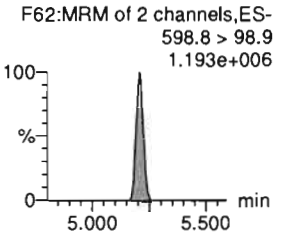
PFUdA



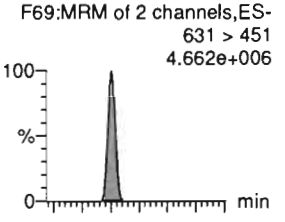


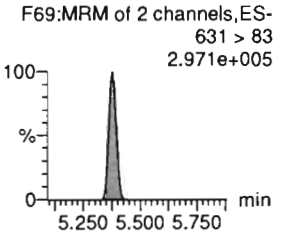
PFDS



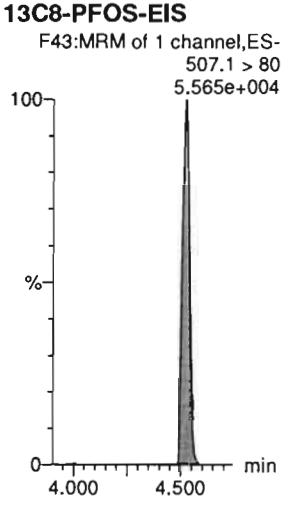


11Cl-PF30UdS

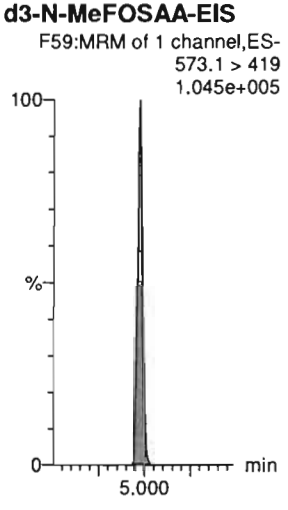




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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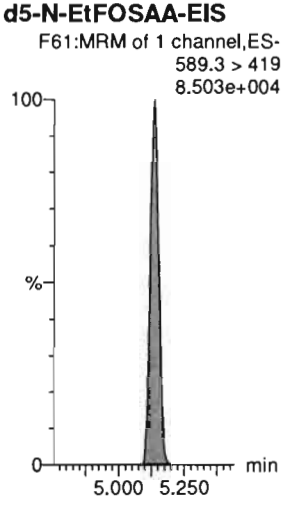

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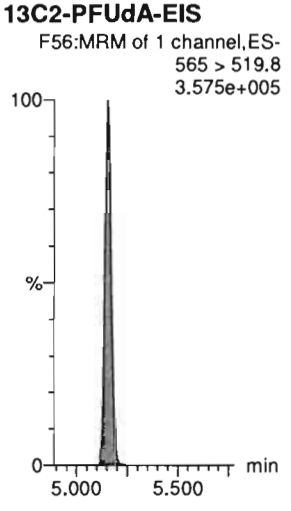

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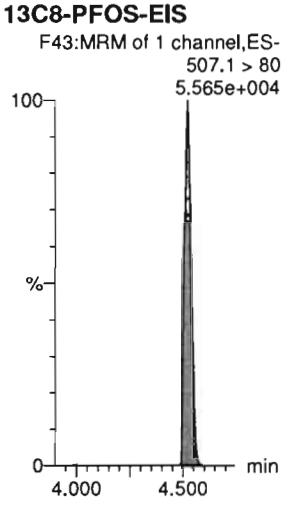

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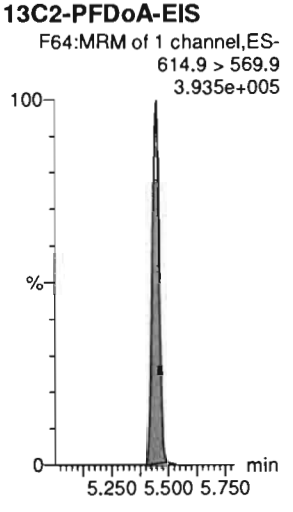

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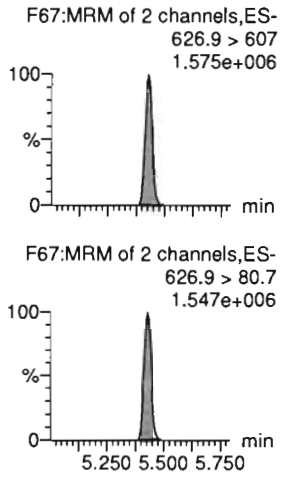
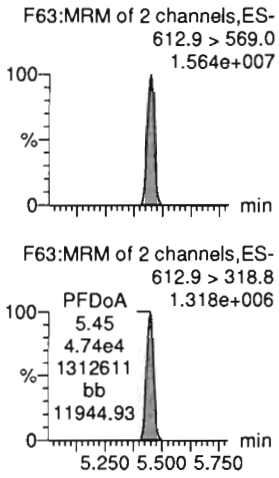
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

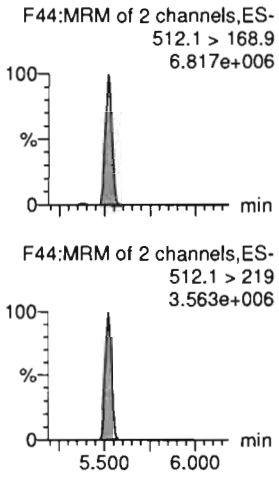
10:2 FTS



PFDoA



N-MeFOSA



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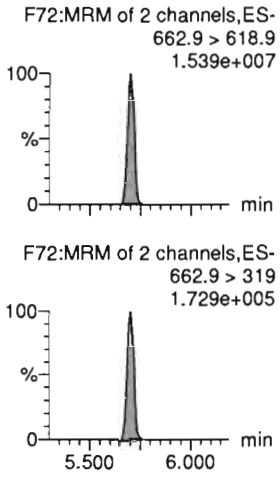
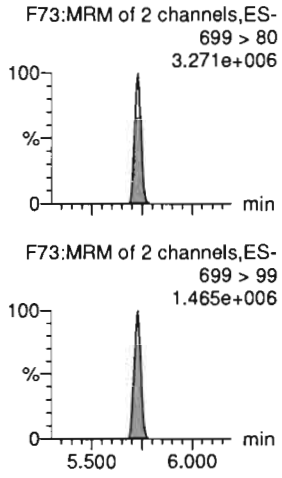
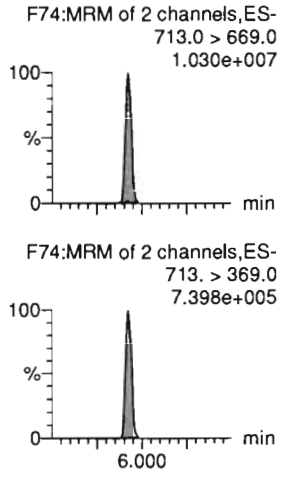


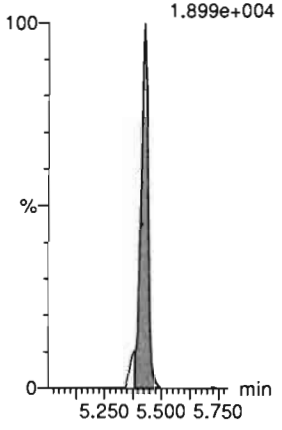
PFDoS



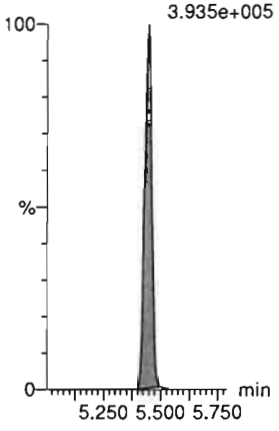
PFTeDA



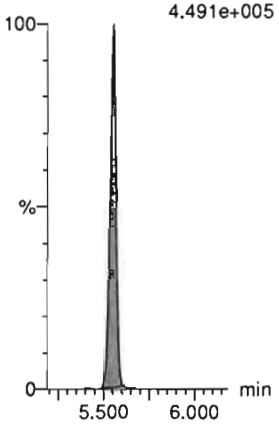
13C2-10:2 FTS-EIS



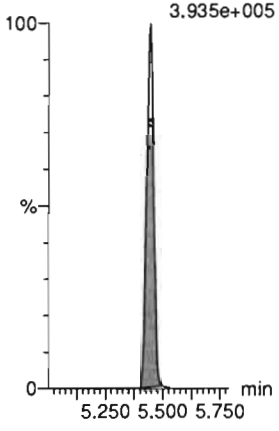
13C2-PFDoA-EIS



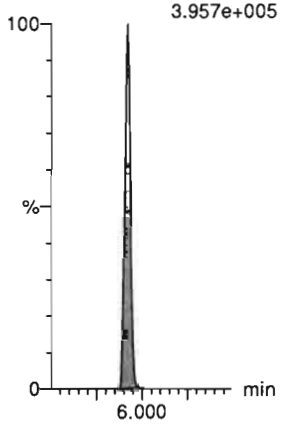
d3-N-MeFOSA-EIS



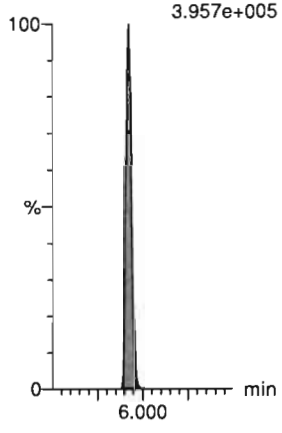
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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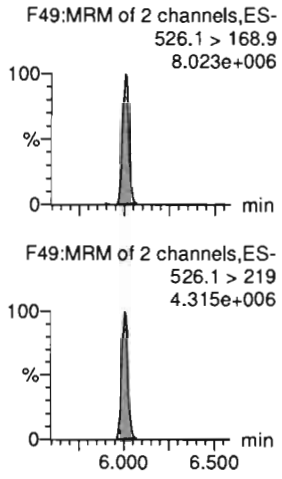
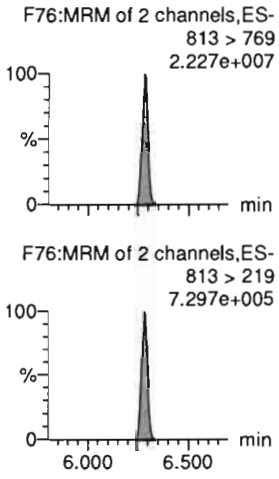
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

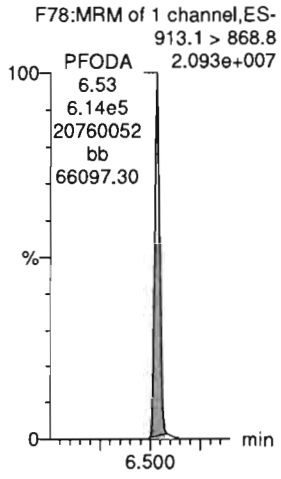
N-EtFOSA



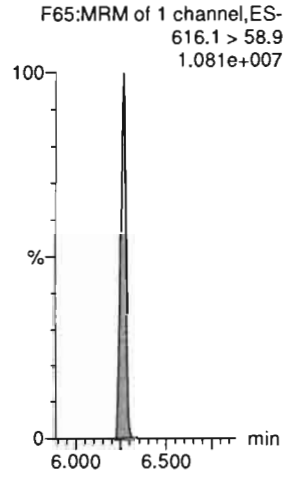
PFHxDA



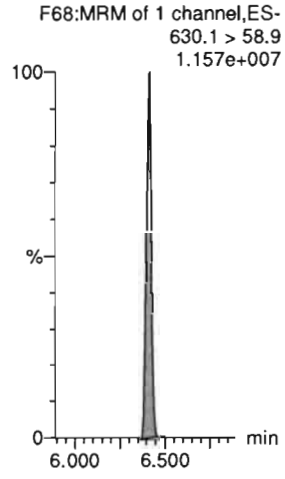
PFODA



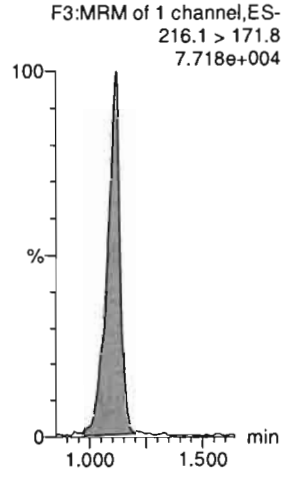
N-MeFOSE



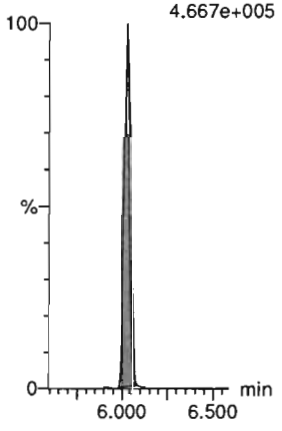
N-EtFOSE



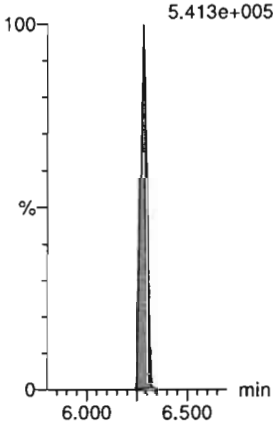
13C3-PFBA-RSD



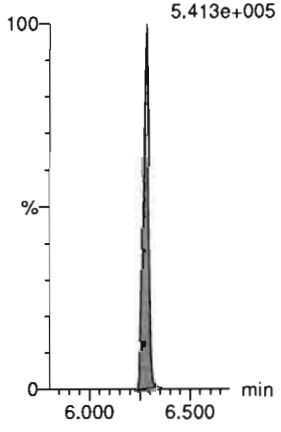
d5-N-ETFOSA-EIS



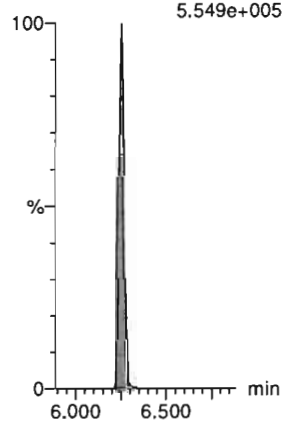
13C2-PFHxDA-EIS



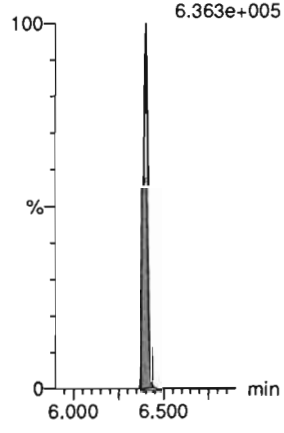
13C2-PFHxDA-EIS



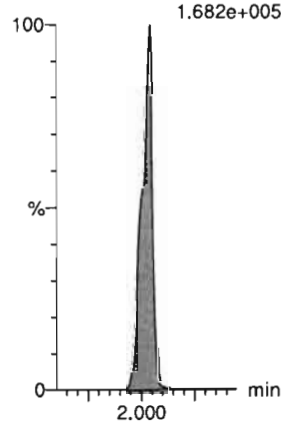
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-CRVB_SECOND.qld

Last Altered: Tuesday, June 30, 2020 08:35:56 Pacific Daylight Time
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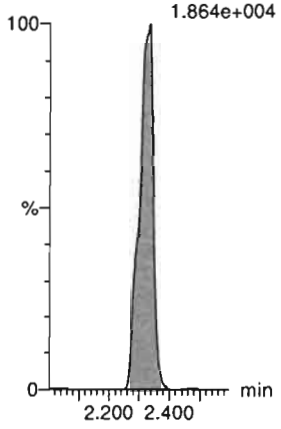
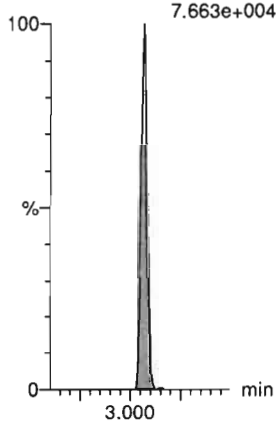
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

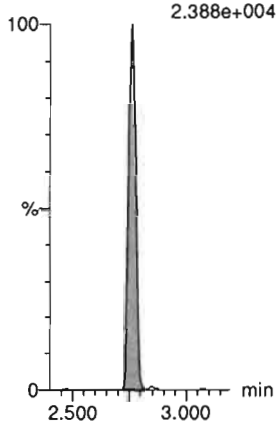
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.864e+004



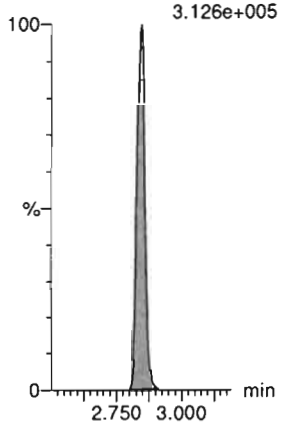
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.663e+004



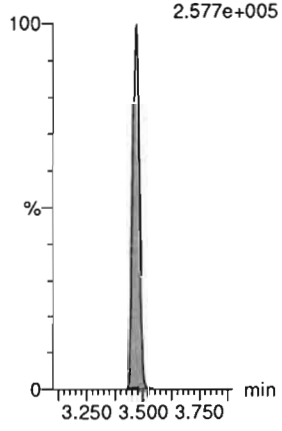
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.388e+004



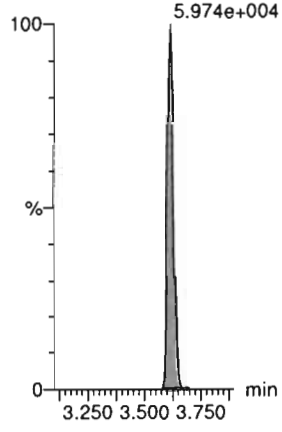
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.126e+005



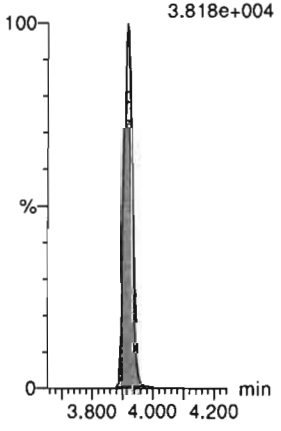
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.577e+005



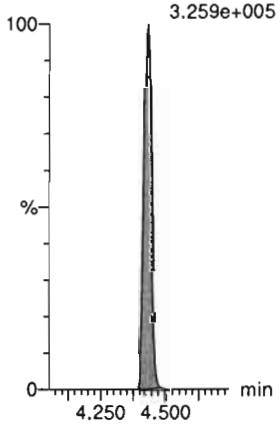
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.974e+004



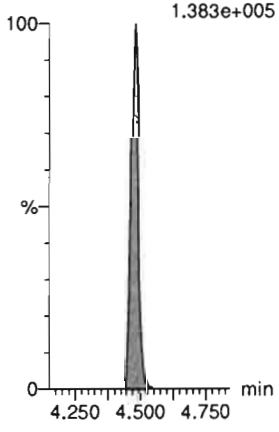
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.818e+004



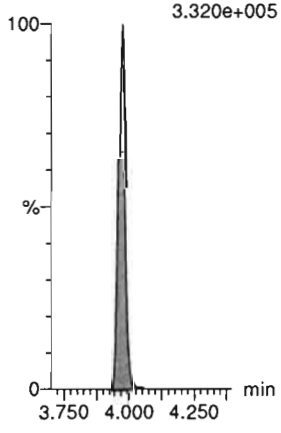
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.259e+005



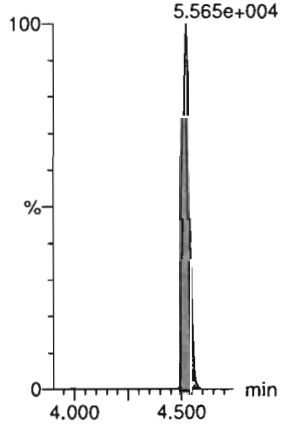
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.383e+005



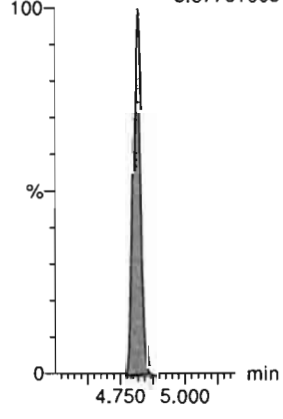
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.320e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
5.565e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.877e+005



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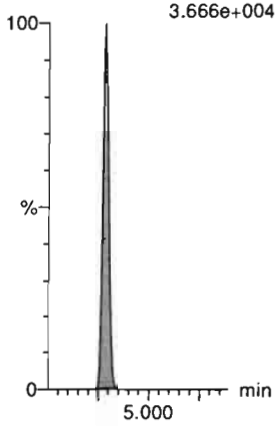
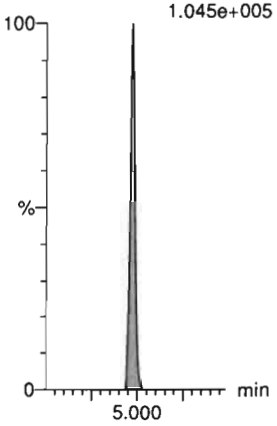
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

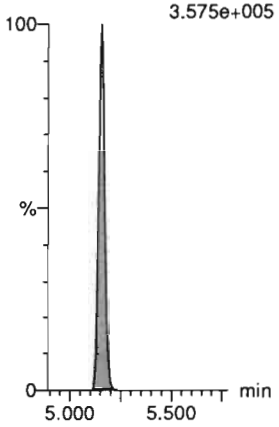
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.666e+004



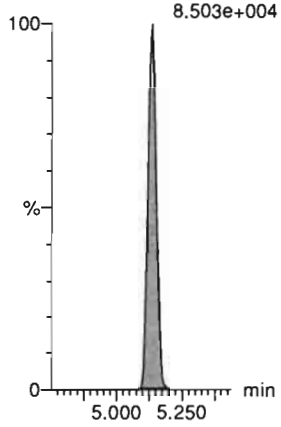
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.045e+005



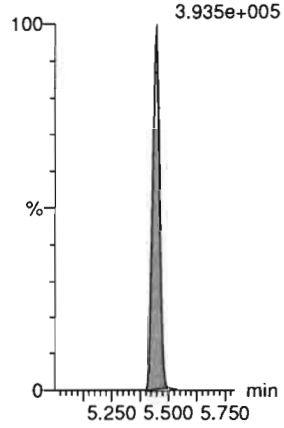
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
3.575e+005



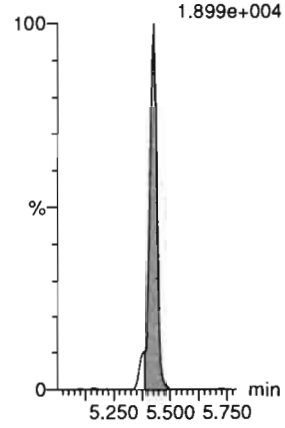
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
8.503e+004



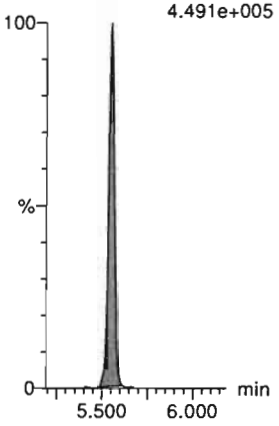
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
3.935e+005



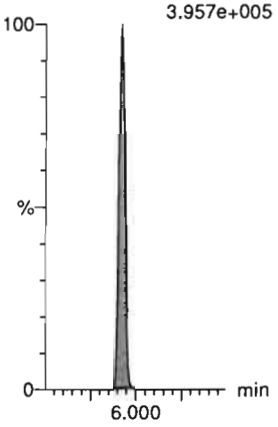
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
1.899e+004



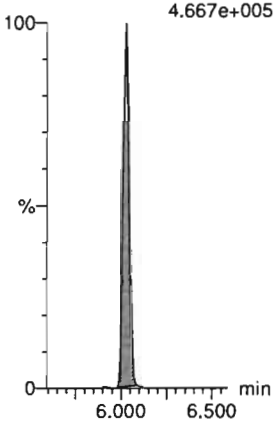
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.491e+005



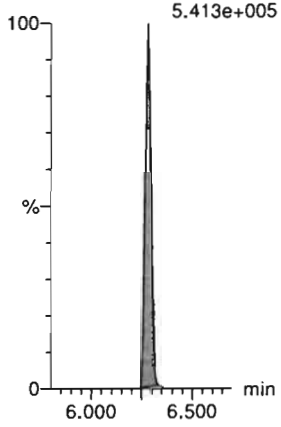
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.957e+005



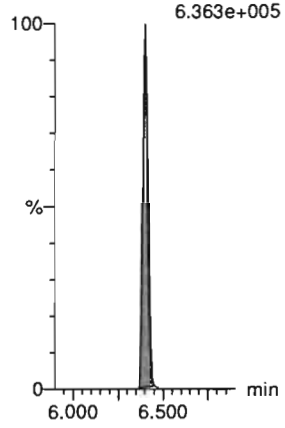
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.667e+005



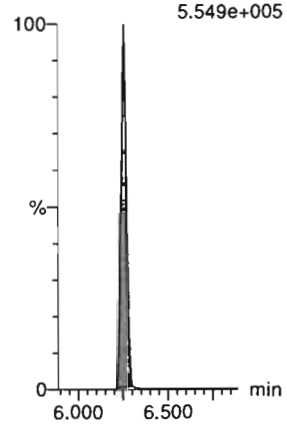
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.413e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.363e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.549e+005



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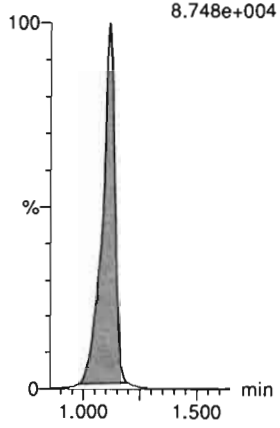
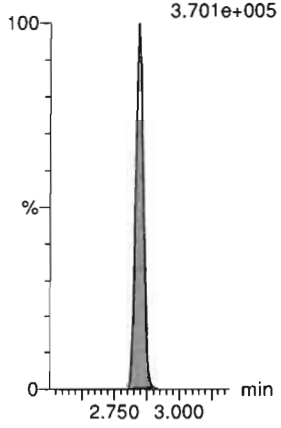
Name: 200629P1-13, Date: 29-Jun-2020, Time: 13:12:35, ID: ST200629P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

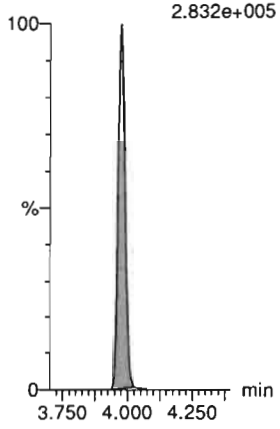
13C4-PFBA



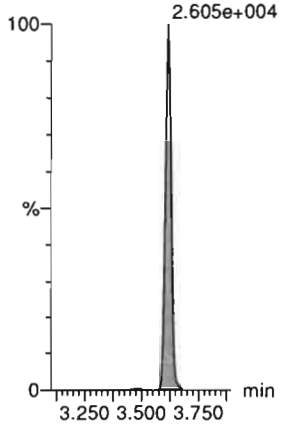
13C5-PFHxA



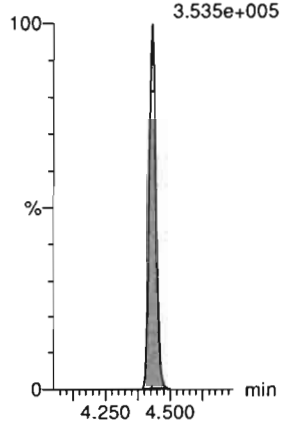
13C8-PFOA



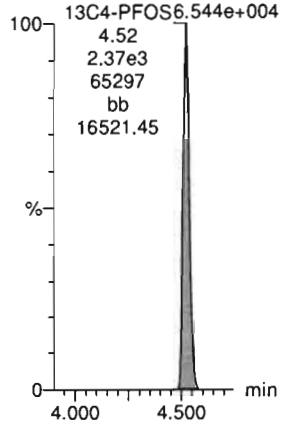
18O2-PFHxS



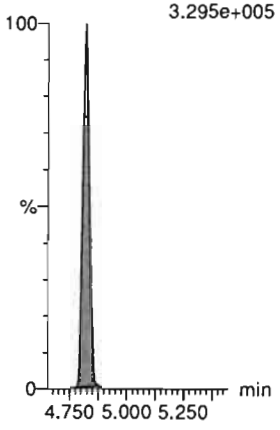
13C9-PFNA



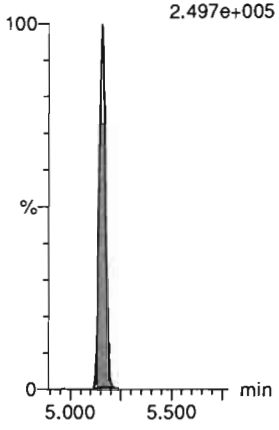
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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*NOT IN ICV

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4026.520	4841.980	1.00	1.12	10.395	10.000	9.32	93.2	NO		
2	2	PFPrS	249 > 80		1201.970	1.00			10.000		*	NO		YES
3	3	3:3 FTCA	240.9 > 176.9		10543.787	1.00			10.000			NO		YES
4	4	PFPeA	263.1 > 218.9	7885.027	10543.787	1.00	2.04	9.348	10.000	9.66	96.6	NO		
5	5	PFBS	299.0 > 80	2264.249	1201.970	1.00	2.33	23.547	8.840	8.77	99.2	NO	2.581	NO
6	6	4:2 FTS	326.9 > 306.9	2543.571	1278.228	1.00	2.76	24.874	9.360	8.85	94.5	NO	15.206	YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4841.980		1.00	1.12	4841.980	12.500	12.3	98.6	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1201.970		1.00	2.33	1201.970	12.500	12.3	98.0	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	10543.787		1.00	2.04	10543.787	12.500	13.2	105.9	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	10543.787		1.00	2.04	10543.787	12.500	13.2	105.9	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1201.970		1.00	2.33	1201.970	12.500	12.3	98.0	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1278.228		1.00	2.77	1278.228	12.500	13.5	107.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	11235.684	12826.593	1.00	2.85	10.950	10.000	9.92	99.2	NO	14.526	NO
15	8	PFPeS	349.>80	2111.396	1201.970	1.00	3.06	21.958	9.360	9.81	104.8	NO	2.525	NO
16	9	HFPO-DA	285.1 > 168.9	2226.130	2974.972	1.00	3.07	9.354	10.000	9.16	91.6	NO	2.461	NO
17	10	5:3 FTCA	340.9 > 236.9		9642.266	1.00			10.000		*	NO		YES
18	11	PFHpA	363.0 > 319	11880.515	9642.266	1.00	3.47	15.402	10.000	11.4	114.1	NO	40.019	YES
19	12	ADONA	376.8 > 250.9	19641.666	9642.266	1.00	3.58	25.463	9.440	11.1	118.0	NO	3.957	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	12826.593		1.00	2.85	12826.593	12.500	12.1	96.5	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1201.970		1.00	2.33	1201.970	12.500	12.3	98.0	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2974.972		1.00	3.07	2974.972	12.500	12.7	101.9	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	9642.266		1.00	3.47	9642.266	12.500	10.2	82.0	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9642.266		1.00	3.47	9642.266	12.500	10.2	82.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	9642.266		1.00	3.47	9642.266	12.500	10.2	82.0	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	1916.382	2559.794	1.00	3.62	9.358	9.120	8.35	91.6	NO	3.819	YES
28	15	6:2 FTS	427.0 > 407	1277.748	1463.373	1.00	3.92	10.914	9.480	8.86	93.4	NO	0.670	NO
29	16	L-PFOA	413 > 369	11328.706	12988.190	1.00	3.98	10.903	10.000	9.40	94.0	NO	3.075	NO
30	18	PFecHS	461 > 381.0		12988.190	1.00			10.000		*	NO		YES
31	19	PFHpS	449.0 > 80	1906.729	2767.975	1.00	4.10	8.611	9.520	8.32	87.4	NO	1.824	NO
32	20	7:3 FTCA	440.9 > 336.9		13521.144	1.00			10.000		*	NO		YES
33	61	13C3-PFHxS-EIS	402 >80	2559.794		1.00	3.62	2559.794	12.500	12.5	100.2	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1463.373		1.00	3.92	1463.373	12.500	12.2	97.8	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12988.190		1.00	3.98	12988.190	12.500	12.8	102.7	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12988.190		1.00	3.98	12988.190	12.500	12.8	102.7	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2767.975		1.00	4.52	2767.975	12.500	12.2	97.5	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	13521.144		1.00	4.43	13521.144	12.500	12.7	101.4	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	11599.376	13521.144	1.00	4.43	10.723	10.000	9.43	94.3	NO	12.767	YES
41	22	PFOSA	498 > 78	2915.103	5403.438	1.00	4.48	6.744	10.000	9.56	95.6	NO	23.361	NO
42	23	L-PFOS	499 > 80	2310.419	2767.975	1.00	4.52	10.434	9.280	7.99	86.1	NO	2.704	NO
43	25	9Cl-PF30NS	531 > 351	5545.611	2767.975	1.00	4.75	25.044	9.320	9.15	98.2	NO	34.310	YES
44	26	PFDA	513 > 469	10698.311	16321.041	1.00	4.82	8.194	10.000	8.95	89.5	NO	4.595	NO
45	27	8:2 FTS	526.8> 506.9	1428.286	1345.386	1.00	4.79	13.270	9.600	11.1	115.3	NO	0.843	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	13521.144		1.00	4.43	13521.144	12.500	12.7	101.4	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5403.438		1.00	4.48	5403.438	12.500	12.5	99.7	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2767.975		1.00	4.52	2767.975	12.500	12.2	97.5	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2767.975		1.00	4.52	2767.975	12.500	12.2	97.5	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	16321.041		1.00	4.82	16321.041	12.500	12.6	100.5	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1345.386		1.00	4.79	1345.386	12.500	11.4	91.5	NO		
52	-1													
53	28	PFNS	549 > 80	2494.222	2767.975	1.00	4.89	11.264	9.600	8.30	86.4	NO	2.547	NO
54	29	L-MeFOSAA	570 > 419	3866.925	4157.666	1.00	4.98	11.626	10.000	9.29	92.9	NO	1.648	NO
55	31	L-EtFOSAA	583.9 > 419	4584.585	4512.316	1.00	5.14	12.700	10.000	9.07	90.7	NO	1.495	NO
56	33	PFUdA	563.0 > 519	12871.792	15000.928	1.00	5.15	10.726	10.000	9.22	92.2	NO	16.988	NO
57	34	PFDS	598.8 > 79.9	2348.499	2767.975	1.00	5.21	10.606	9.640	8.40	87.1	NO	2.115	NO
58	35	11Cl-PF30UdS	631 > 451	4027.293	18523.000	1.00	5.38	2.718	9.440	8.71	92.3	NO	15.135	NO
59	71	13C8-PFOS-EIS	507.1 > 80	2767.975		1.00	4.52	2767.975	12.500	12.2	97.5	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4157.666		1.00	4.97	4157.666	12.500	13.3	106.6	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4512.316		1.00	5.14	4512.316	12.500	13.3	106.4	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	15000.928		1.00	5.15	15000.928	12.500	13.4	107.6	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2767.975		1.00	4.52	2767.975	12.500	12.2	97.5	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	18523.000		1.00	5.45	18523.000	12.500	13.3	106.5	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		1073.035	1.00			10.000		*	NO		YES
67	37	PFDoA	612.9 > 569.0	13979.971	18523.000	1.00	5.45	9.434	10.000	9.52	95.2	NO	11.856	NO
68	38	N-MeFOSA	512.1 > 168.9		18212.191	1.00			9.600		*	NO		YES
69	39	PFTrDA	662.9 > 618.9	14749.935	18523.000	1.00	5.70	9.954	10.000	9.48	94.8	NO	107.372	YES
70	40	PFDoS	699 > 80		17784.094	1.00			10.000		*	NO		YES
71	41	PFTeDA	713.0 > 669.0	10275.507	17784.094	1.00	5.92	7.222	10.000	10.5	105.2	NO	14.239	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1073.035		1.00	5.42	1073.035	12.500	14.4	114.9	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	18523.000		1.00	5.45	18523.000	12.500	13.3	106.5	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	18212.191		1.00	5.55	18212.191	149.200	146	98.2	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	18523.000		1.00	5.45	18523.000	12.500	13.3	106.5	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	17784.094		1.00	5.92	17784.094	12.500	12.3	98.7	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	17784.094		1.00	5.92	17784.094	12.500	12.3	98.7	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		23064.326	1.00			9.600		*	NO		YES
80	43	PFHxDA	813 > 769		22319.266	1.00			10.000			NO		YES
81	44	PFODA	913.1 > 868.8		22319.266	1.00			10.000			NO		
82	45	N-MeFOSE	616.1 > 58.9		21955.016	1.00			9.600			NO		
83	46	N-EtFOSE	630.1 > 58.9		24417.340	1.00			9.600			NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4841.980	5781.306	1.00	1.12	10.469	12.500	12.1	96.7	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	23064.326		1.00	6.03	23064.326	149.200	151	101.4	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	22319.266		1.00	6.28	22319.266	12.500	13.6	108.8	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	22319.266		1.00	6.28	22319.266	12.500	13.6	108.8	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	21955.016		1.00	6.25	21955.016	149.200	155	103.9	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	24417.340		1.00	6.40	24417.340	149.200	155	103.8	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	10365.130	15403.415	1.00	2.04	8.411	12.500	12.0	96.3	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1191.814	928.192	1.00	2.33	16.050	12.500	13.5	107.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2974.972	15403.415	1.00	3.07	2.414	12.500	12.2	97.6	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8	1278.228	928.192	1.00	2.77	17.214	12.500	14.0	111.9	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	12826.593	15403.415	1.00	2.85	10.409	12.500	11.8	94.1	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	9642.266	15403.415	1.00	3.47	7.825	12.500	10.4	83.2	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2559.794	928.192	1.00	3.62	34.473	12.500	13.8	110.1	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1463.373	3090.622	1.00	3.92	5.919	12.500	12.3	98.3	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	13521.144	13920.196	1.00	4.43	12.142	12.500	13.0	103.7	NO		
100	68	13C8-PFOSA-RSD	506 > 78	5403.438	12050.559	1.00	4.48	5.605	12.500	12.8	102.8	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	12988.190	11634.153	1.00	3.98	13.955	12.500	12.8	102.6	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2767.975	3090.622	1.00	4.52	11.195	12.500	13.2	105.7	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	16321.041	13858.979	1.00	4.82	14.721	12.500	12.2	97.9	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1345.386	3090.622	1.00	4.79	5.441	12.500	11.1	89.0	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	4157.666	12050.559	1.00	4.97	4.313	12.500	13.3	106.0	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	15000.928	12050.559	1.00	5.15	15.560	12.500	12.2	97.2	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	4512.316	12050.559	1.00	5.14	4.681	12.500	14.2	113.5	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	18523.000	13858.979	1.00	5.45	16.707	12.500	12.7	101.6	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1073.035	3090.622	1.00	5.42	4.340	12.500	13.2	105.5	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	18212.191	12050.559	1.00	5.55	18.891	149.200	143	96.0	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	17784.094	12050.559	1.00	5.92	18.447	12.500	12.1	96.5	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	23064.326	12050.559	1.00	6.03	23.925	149.200	152	101.8	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	22319.266	12050.559	1.00	6.28	23.152	12.500	12.7	101.3	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	21955.016	12050.559	1.00	6.25	22.774	149.200	154	103.4	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	24417.340	12050.559	1.00	6.40	25.328	149.200	156	104.4	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5781.306	5781.306	1.00	1.12	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	15403.415	15403.415	1.00	2.85	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	11634.153	11634.153	1.00	3.98	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	928.192	928.192	1.00	3.62	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	13920.196	13920.196	1.00	4.43	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	3090.622	3090.622	1.00	4.52	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	13858.979	13858.979	1.00	4.82	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	12050.559	12050.559	1.00	5.15	12.500	12.500	12.5	100.0	NO		

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062320_ICV.mdb 24 Jun 2020 08:45:56
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

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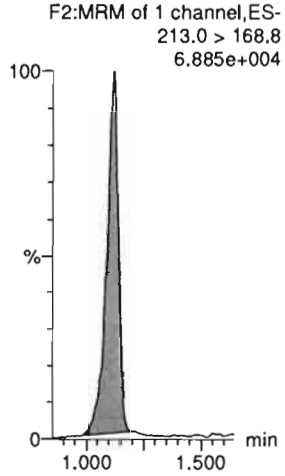
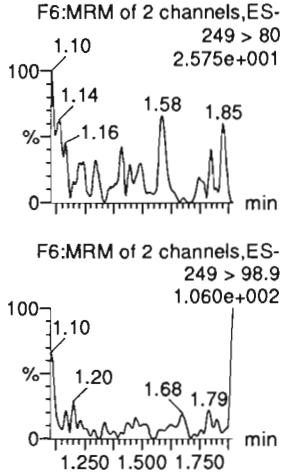
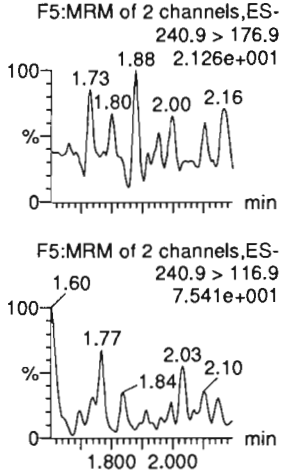
PFBA



PFPrS



3:3 FTCA



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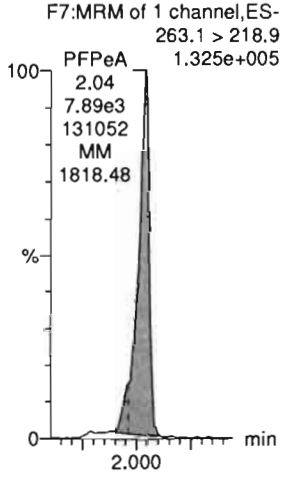

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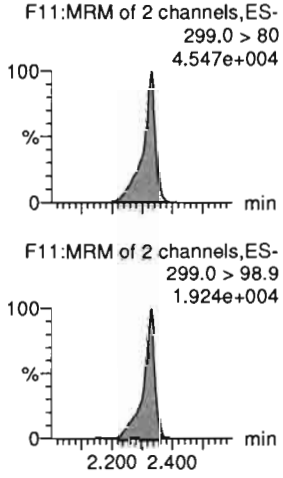
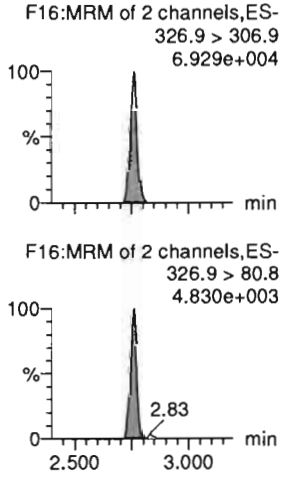
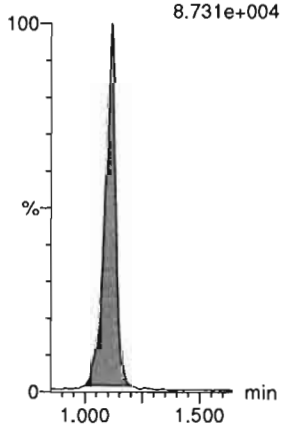


4:2 FTS



13C3-PFBA-EIS



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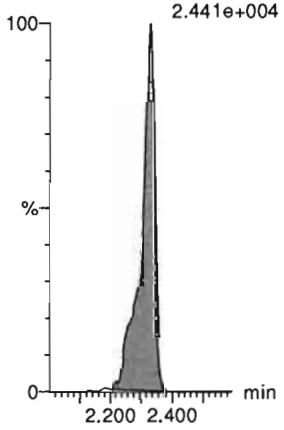

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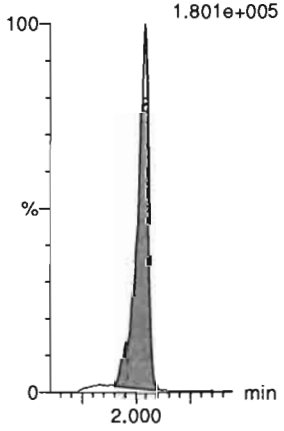

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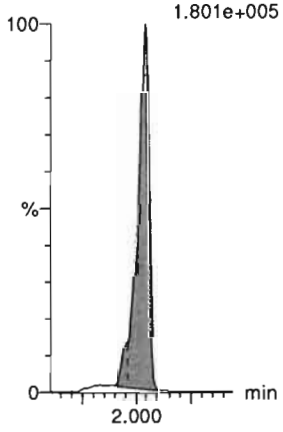

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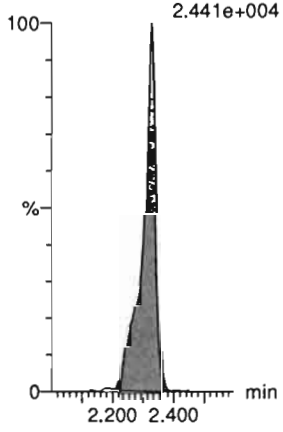
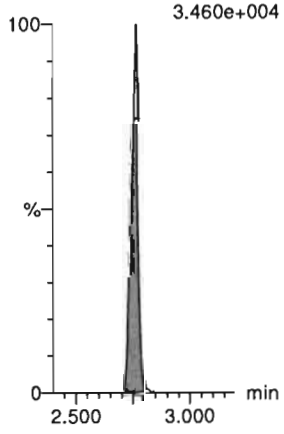


13C2-4:2 FTS-EIS



OPV 6/30/2020

Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-ICV.qld

Last Altered: Tuesday, June 30, 2020 09:08:21 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:08:40 Pacific Daylight Time

Name: 200629P1-15, Date: 29-Jun-2020, Time: 13:33:35, ID: ICV200629P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

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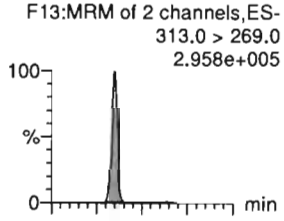

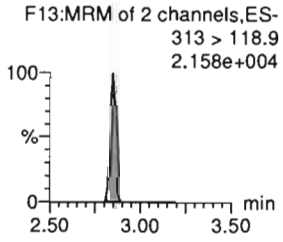

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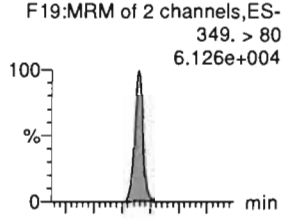
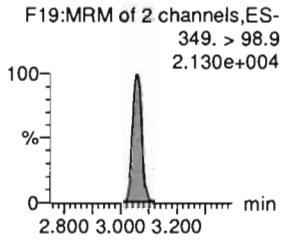
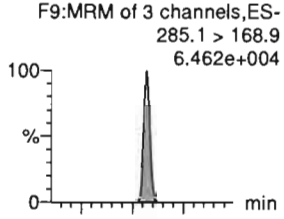
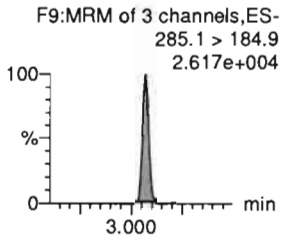


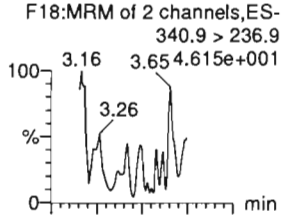


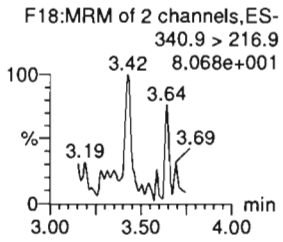
HFPO-DA





5:3 FTCA





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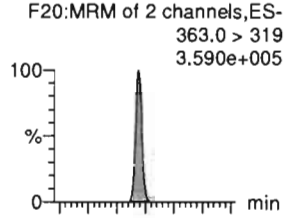

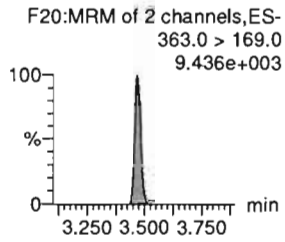

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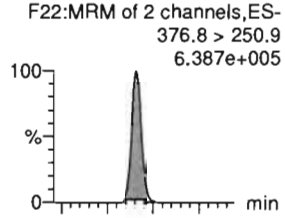

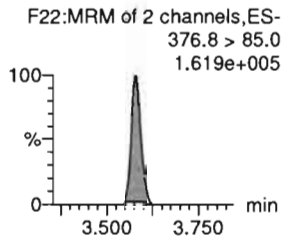

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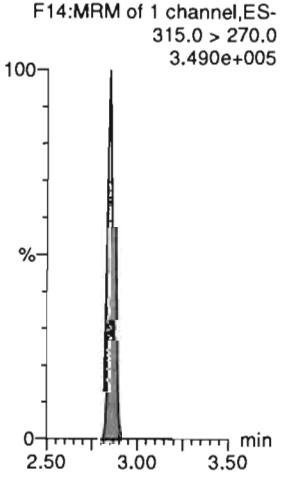
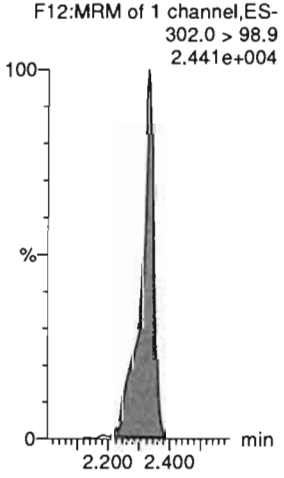
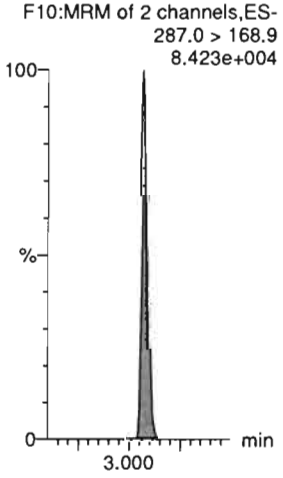


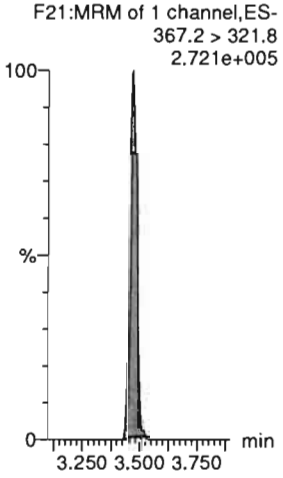
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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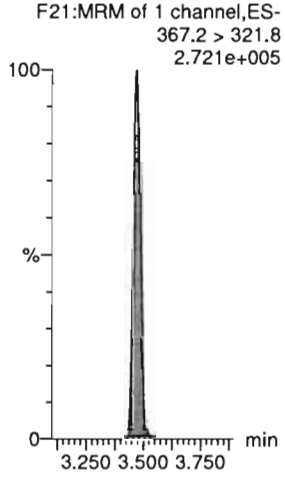

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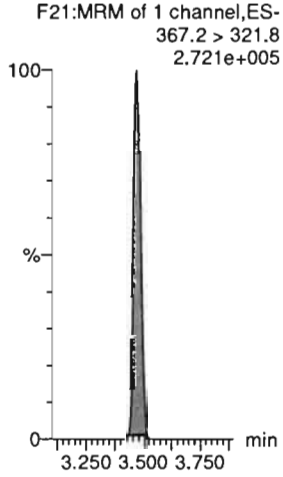

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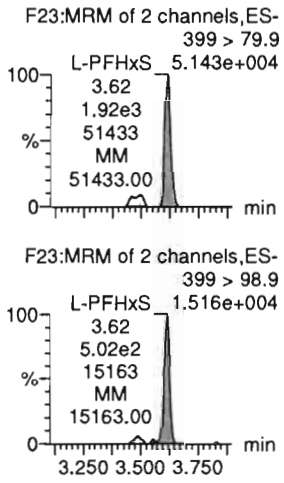
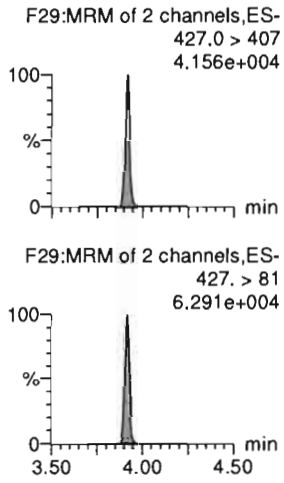
Name: 200629P1-15, Date: 29-Jun-2020, Time: 13:33:35, ID: ICV200629P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

L-PFHxS



6:2 FTS



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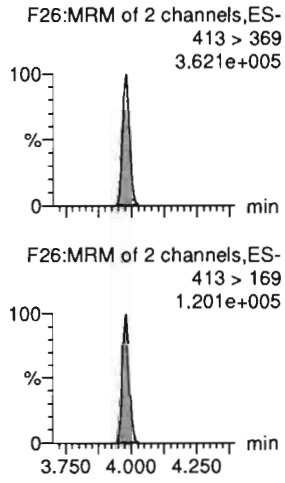
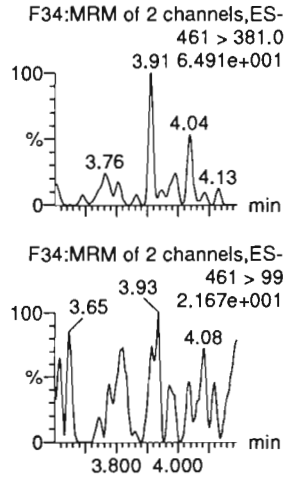
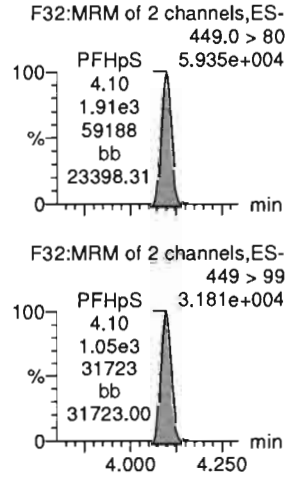


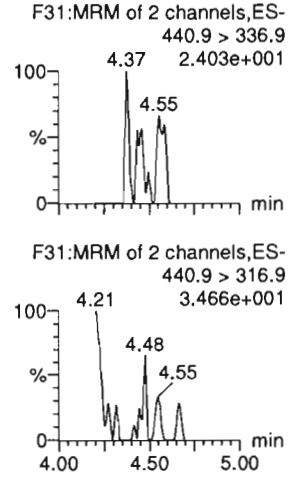
PFEChS



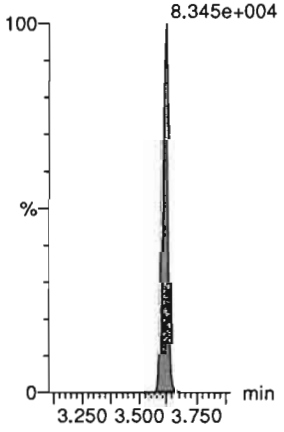
PFHpS



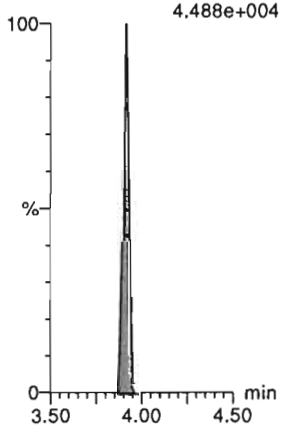
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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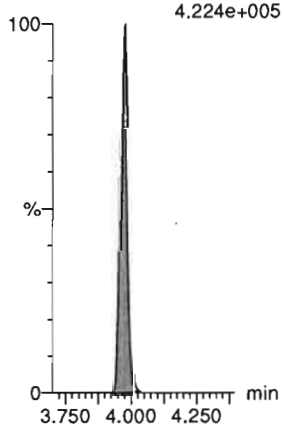

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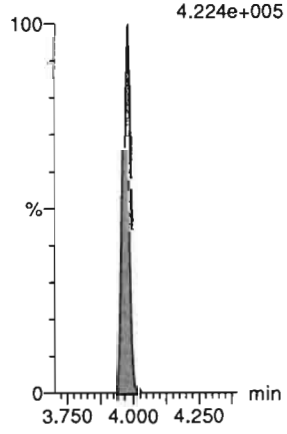
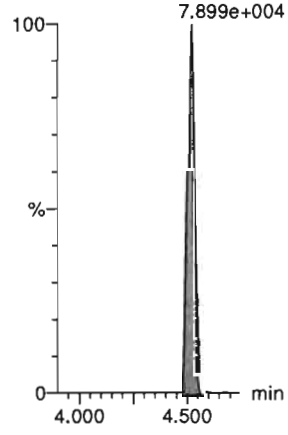
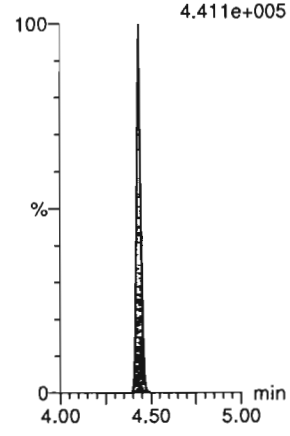


13C8-PFOS-EIS



13C5-PFNA-EIS



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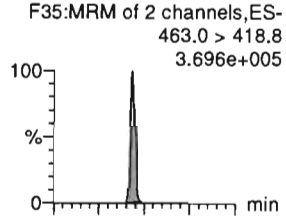
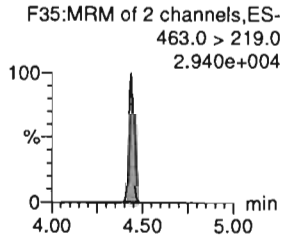
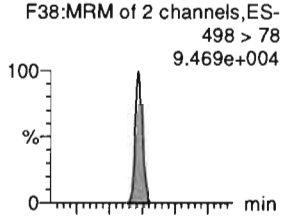
Name: 200629P1-15, Date: 29-Jun-2020, Time: 13:33:35, ID: ICV200629P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

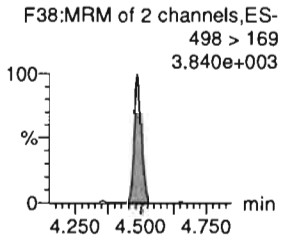
PFNA



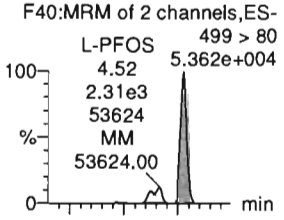


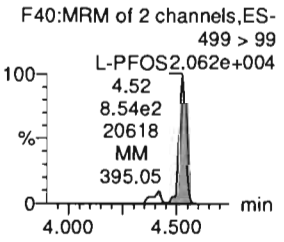
PFOSA





L-PFOS





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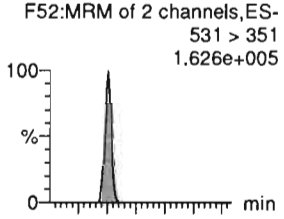

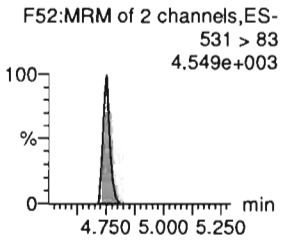

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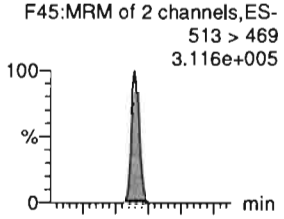
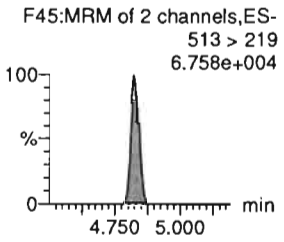
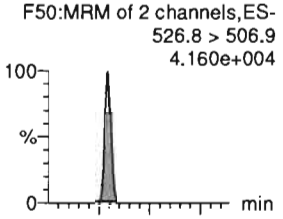
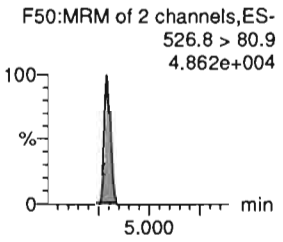


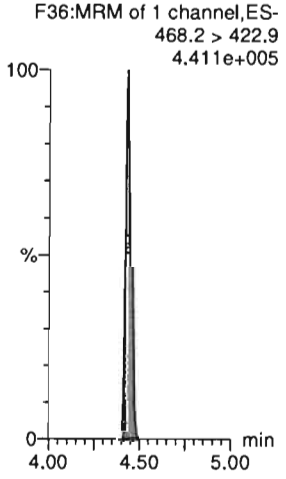


8:2 FTS

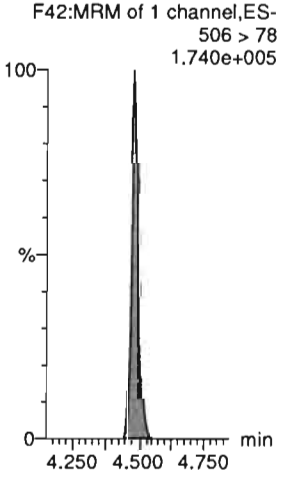




13C5-PFNA-EIS



13C8-PFOSA-EIS



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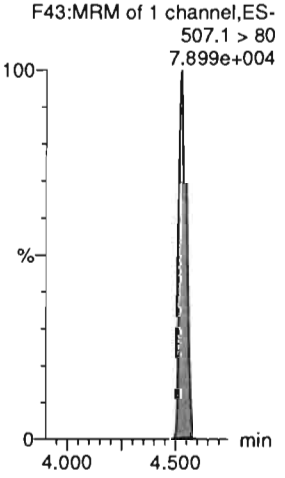

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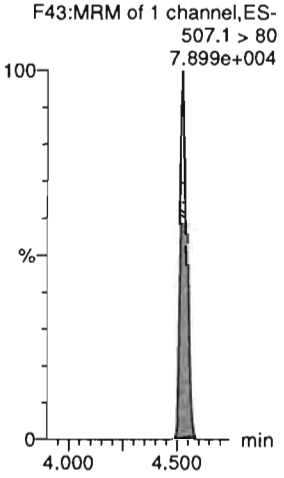

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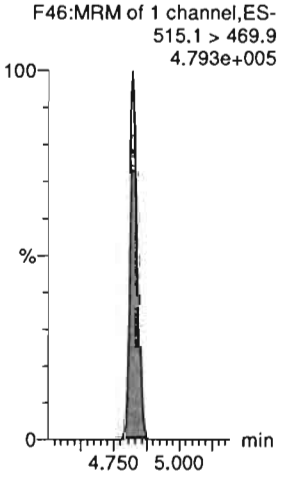
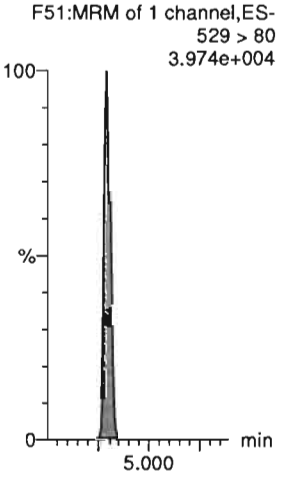


13C2-8:2 FTS-EIS



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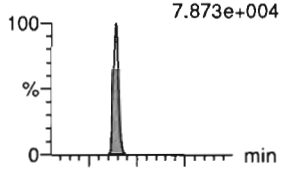
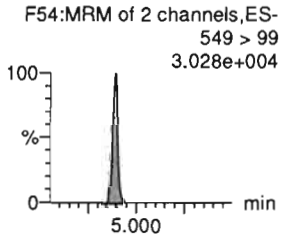
Name: 200629P1-15, Date: 29-Jun-2020, Time: 13:33:35, ID: ICV200629P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

PFNS





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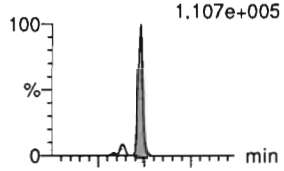

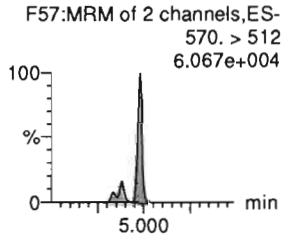

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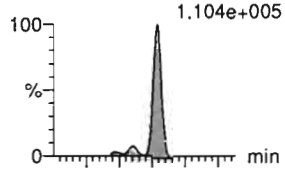
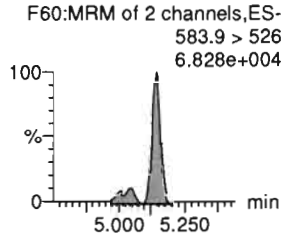
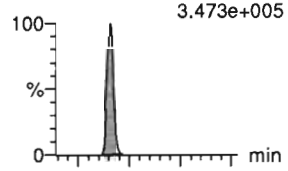
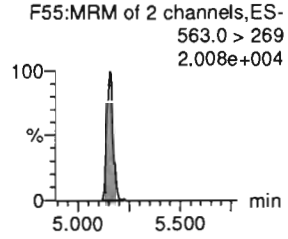




PFUdA





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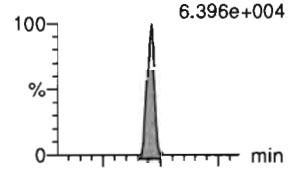

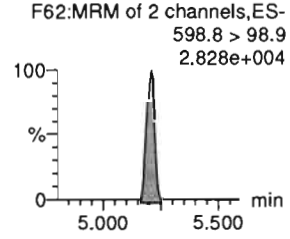

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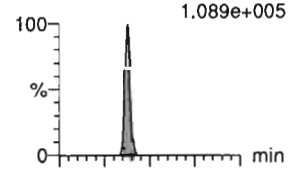

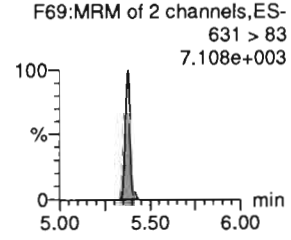

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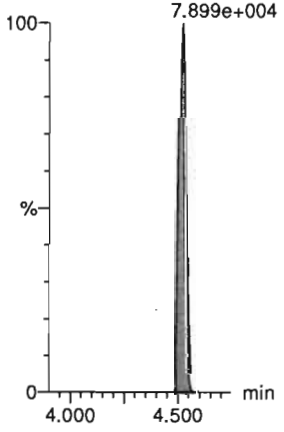

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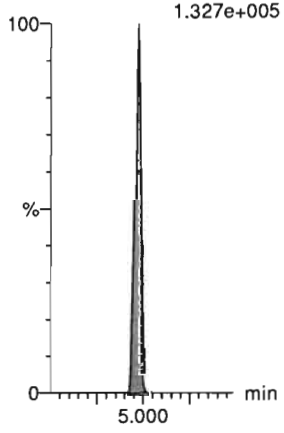

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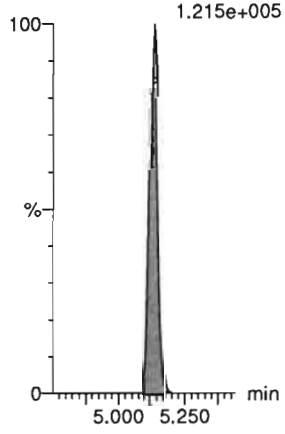

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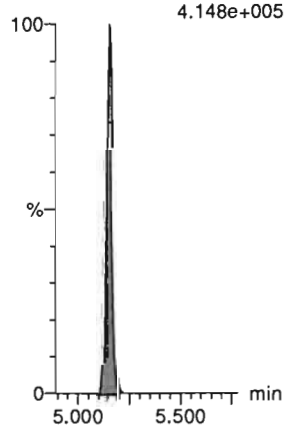

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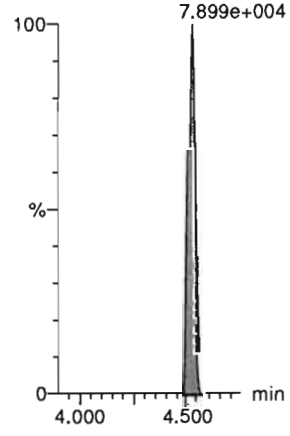

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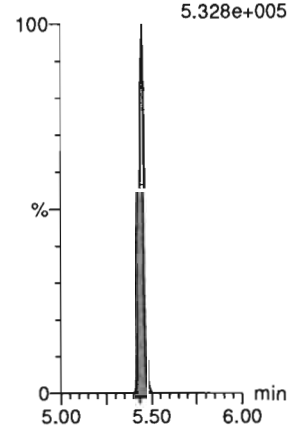

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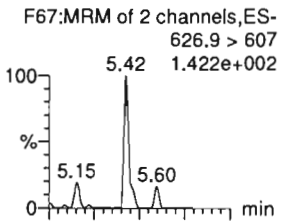
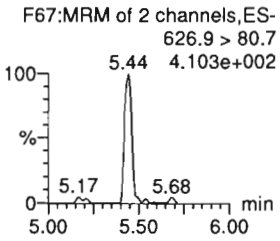
10:2 FTS





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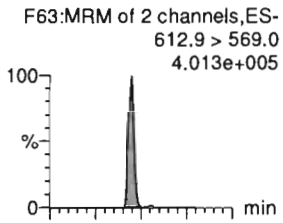

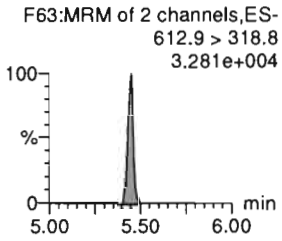

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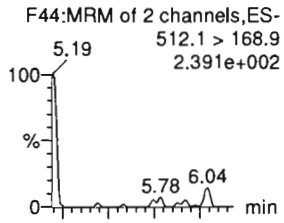

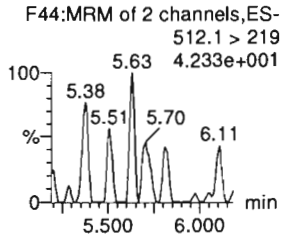

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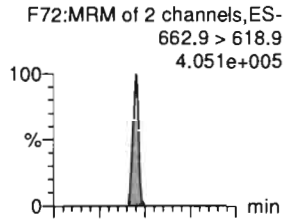

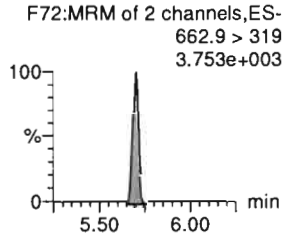

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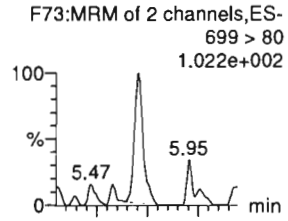

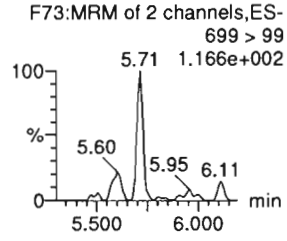

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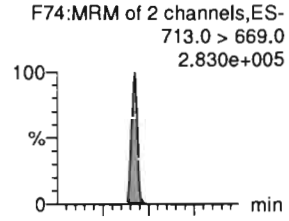

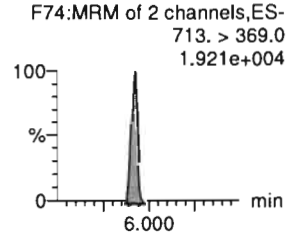

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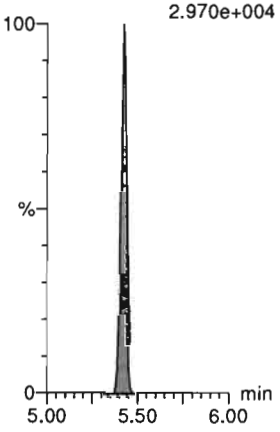
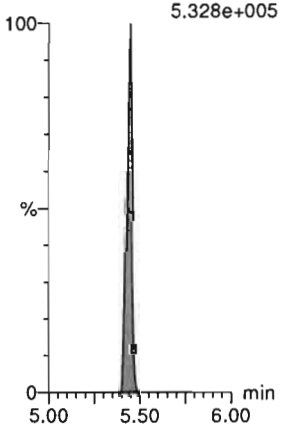


13C2-PFDoA-EIS



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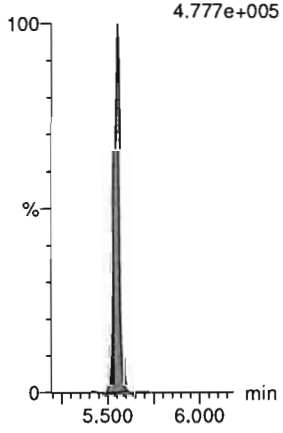

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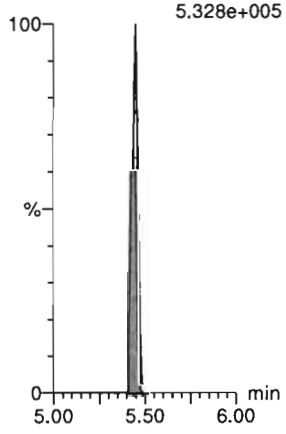

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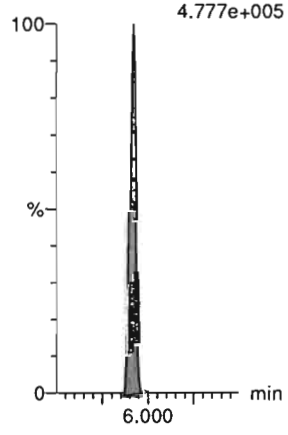

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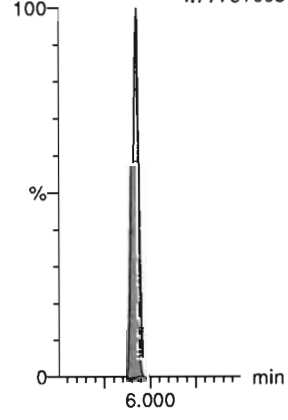

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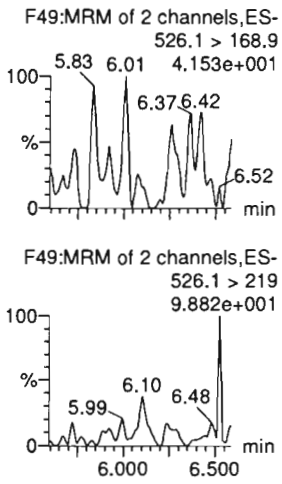
N-EtFOSA



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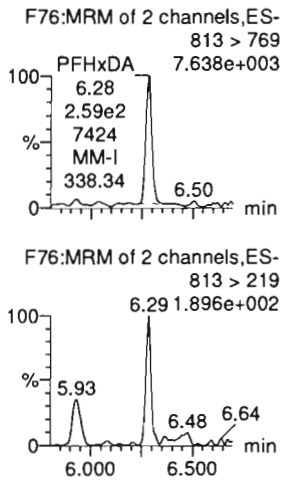

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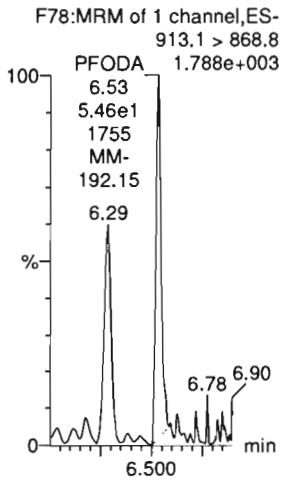

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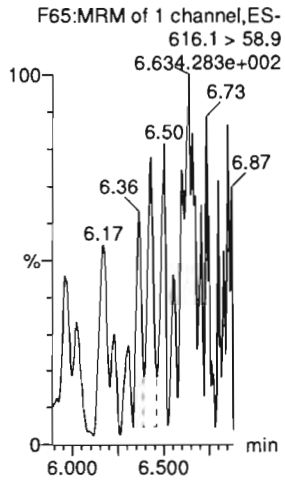

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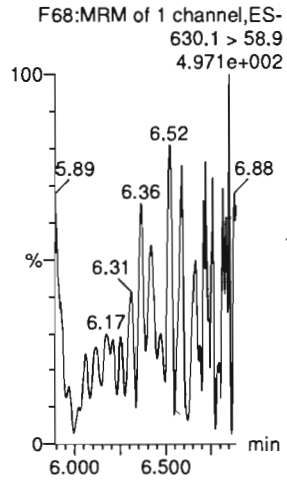

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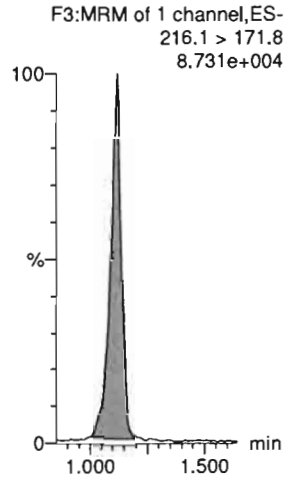
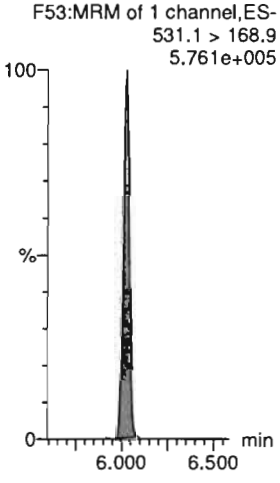


d5-N-ETFOSA-EIS



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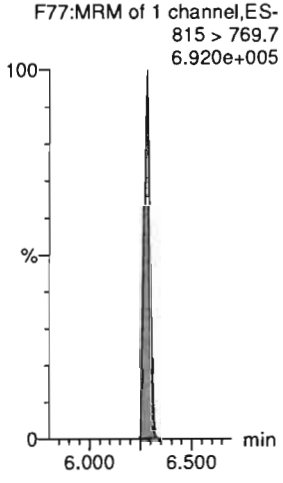

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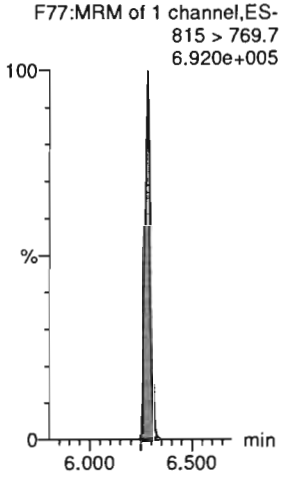

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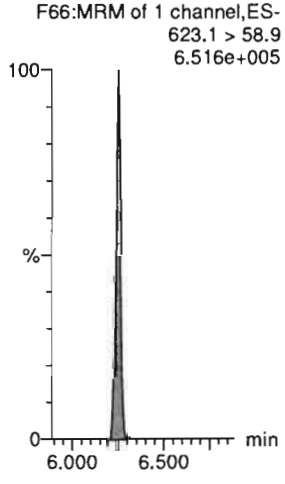
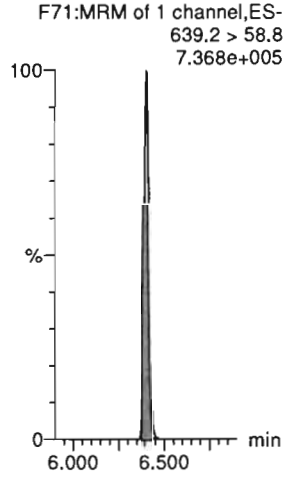
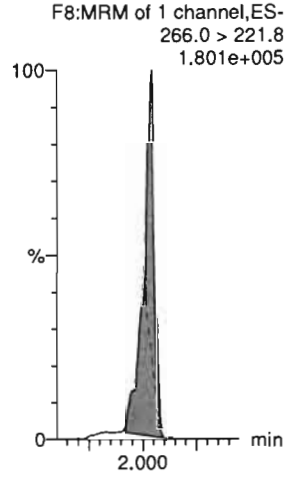


d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

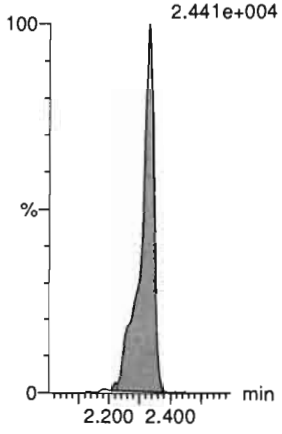


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-ICV.qld

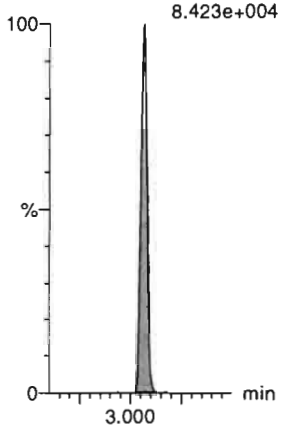
Last Altered: Tuesday, June 30, 2020 09:08:21 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:08:40 Pacific Daylight Time

Name: 200629P1-15, Date: 29-Jun-2020, Time: 13:33:35, ID: ICV200629P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

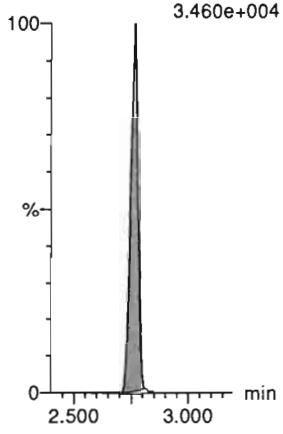
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.441e+004



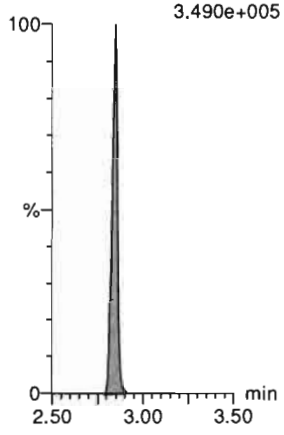
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.423e+004



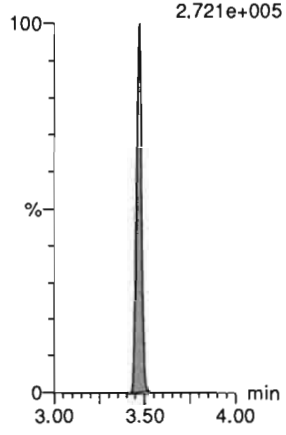
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.460e+004



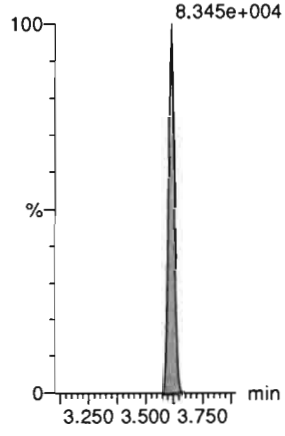
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.490e+005



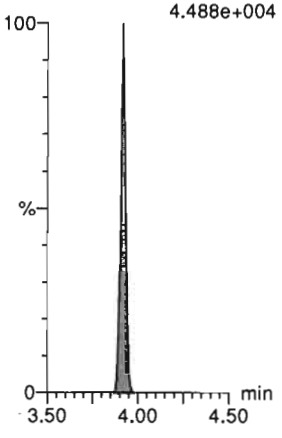
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.721e+005



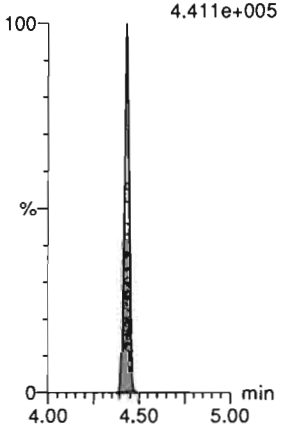
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.345e+004



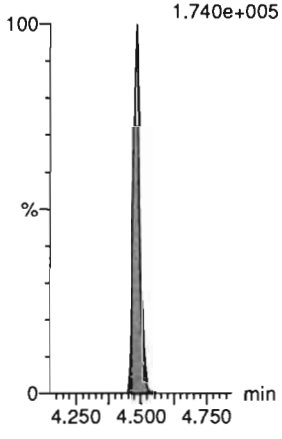
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.488e+004



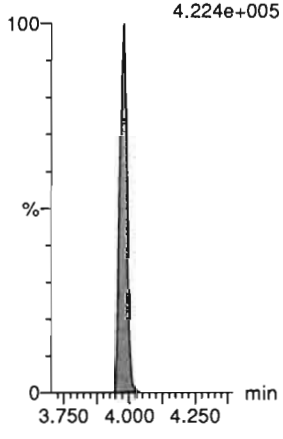
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.411e+005



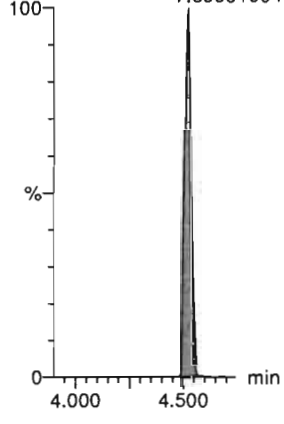
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.740e+005



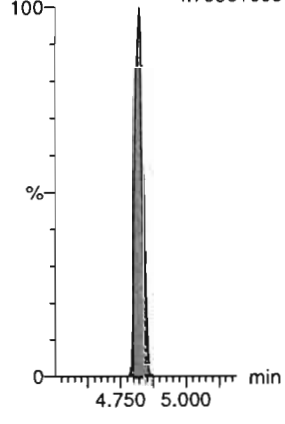
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.224e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.899e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.793e+005

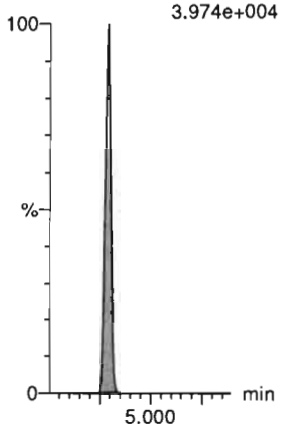


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-ICV.qld

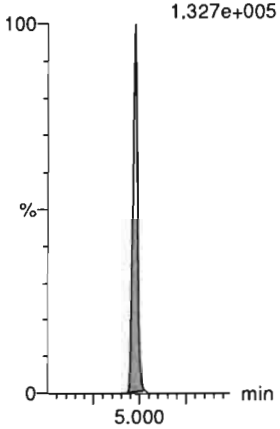
Last Altered: Tuesday, June 30, 2020 09:08:21 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:08:40 Pacific Daylight Time

Name: 200629P1-15, Date: 29-Jun-2020, Time: 13:33:35, ID: ICV200629P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

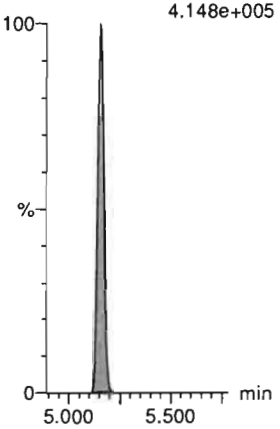
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.974e+004



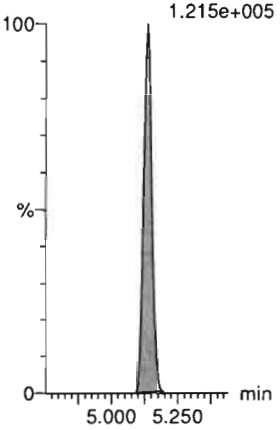
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.327e+005



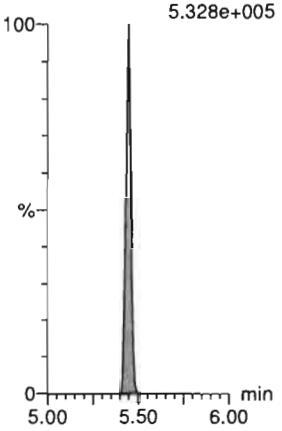
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.148e+005



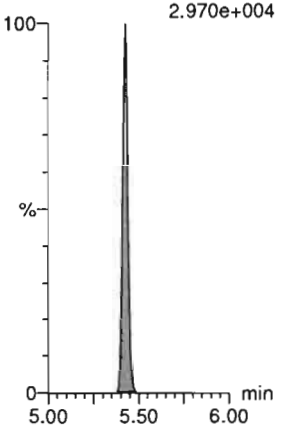
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.215e+005



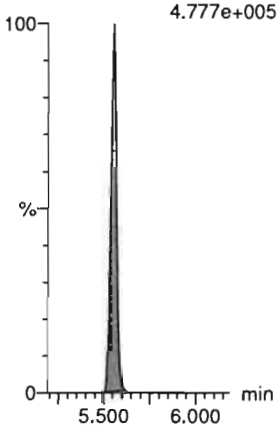
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.328e+005



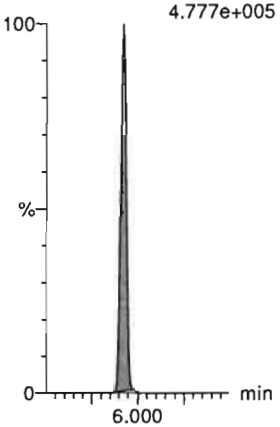
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.970e+004



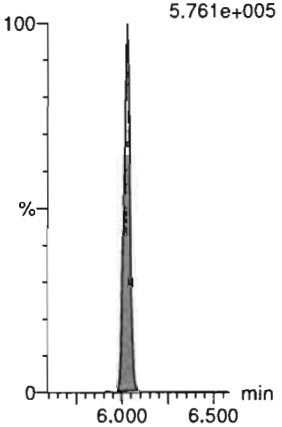
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.777e+005



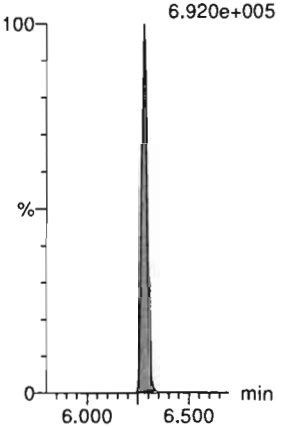
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.777e+005



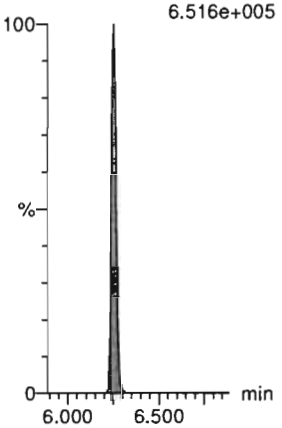
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.761e+005



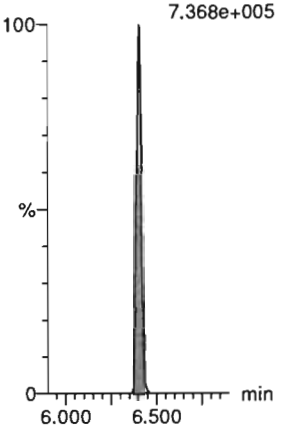
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.920e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
6.516e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
7.368e+005

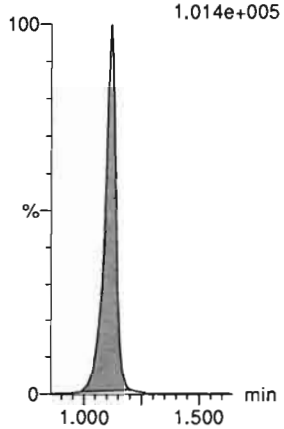


Dataset: D:\PFAS5.PRO\RESULTS\200629P1\200629P1-ICV.qld

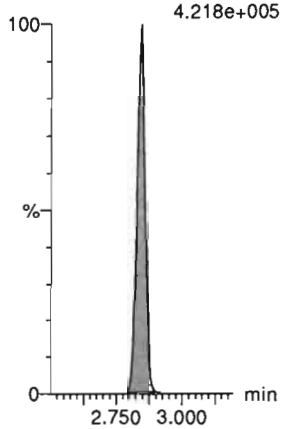
Last Altered: Tuesday, June 30, 2020 09:08:21 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:08:40 Pacific Daylight Time

Name: 200629P1-15, Date: 29-Jun-2020, Time: 13:33:35, ID: ICV200629P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

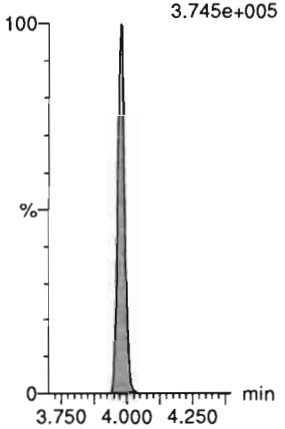
13C4-PFBA



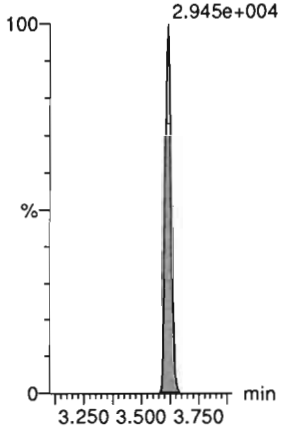
13C5-PFHxA



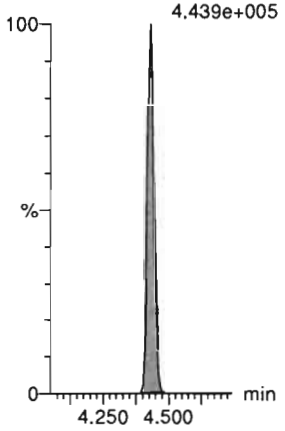
13C8-PFOA



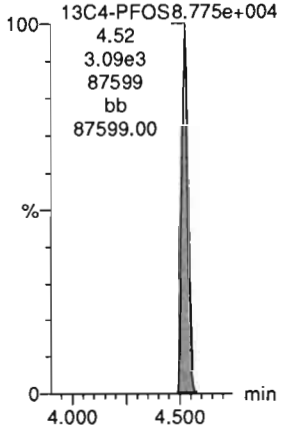
18O2-PFHxS



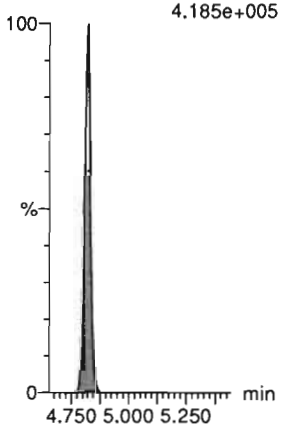
13C9-PFNA



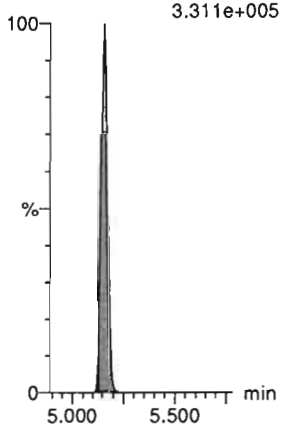
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

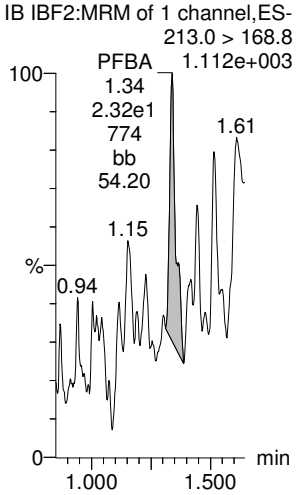
Dataset: Untitled

Last Altered: Tuesday, June 30, 2020 09:23:17 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:23:21 Pacific Daylight Time

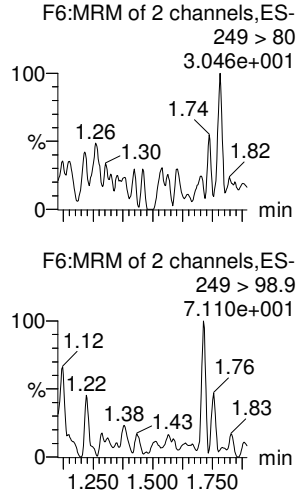
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_062920.mdb 30 Jun 2020 08:32:04
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_06-29-20.cdb 30 Jun 2020 08:35:56

Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

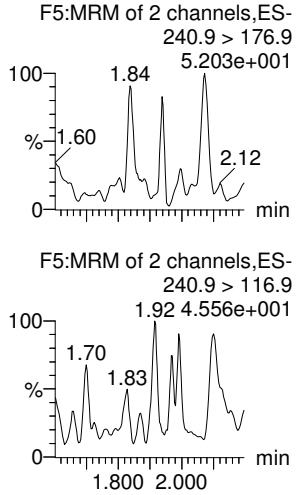
PFBA



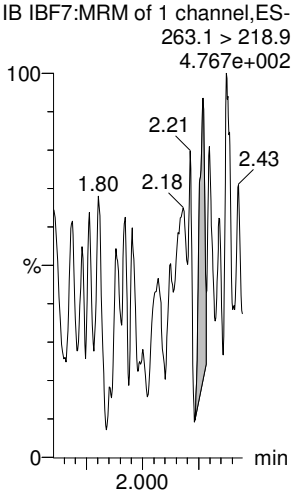
PFPrS



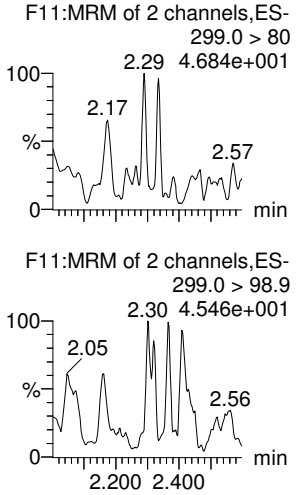
3:3 FTCA



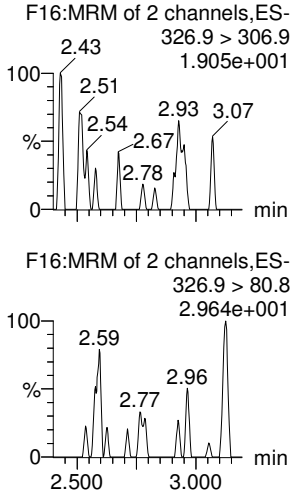
PFPeA



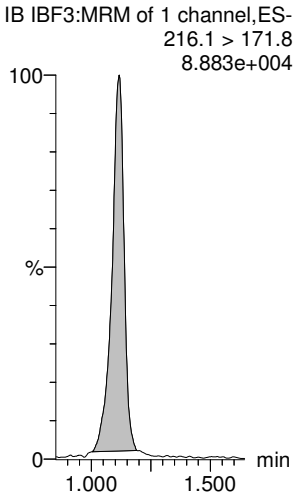
PFBS



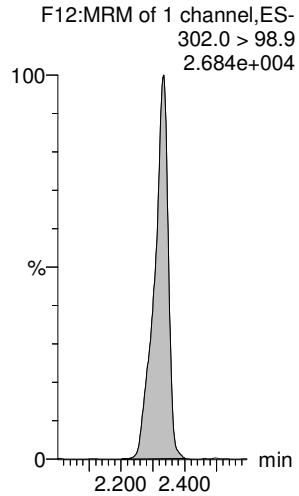
4:2 FTS



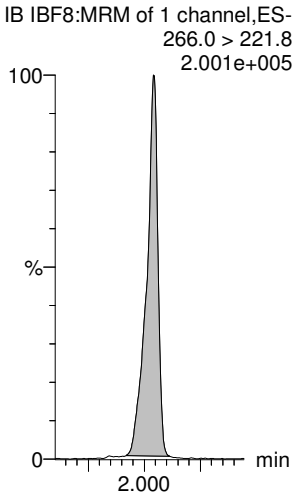
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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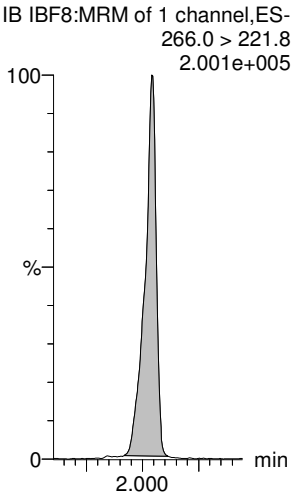

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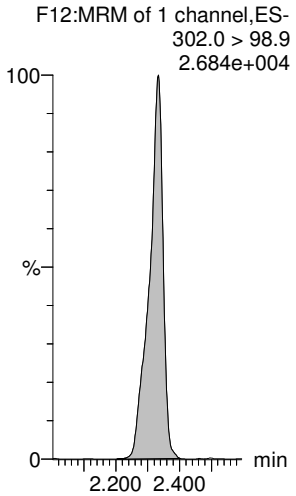
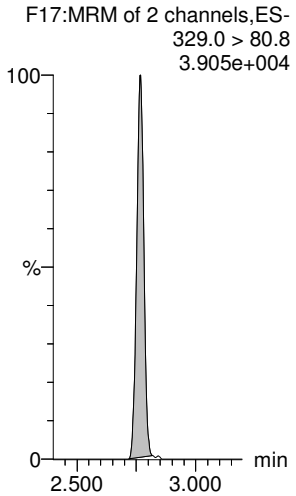


13C2-4:2 FTS-EIS



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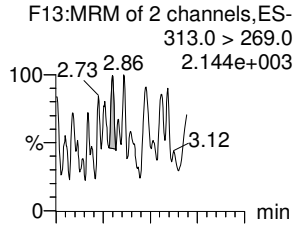
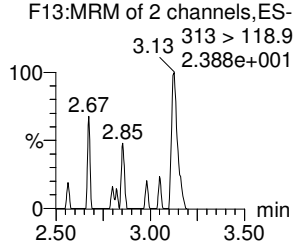
Last Altered: Tuesday, June 30, 2020 09:23:17 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:23:21 Pacific Daylight Time

Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

PFHxA





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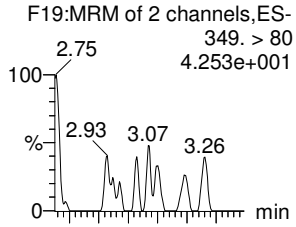
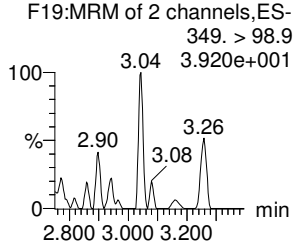
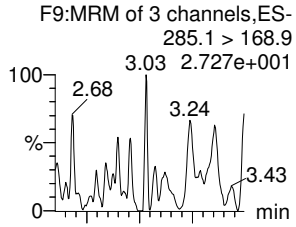
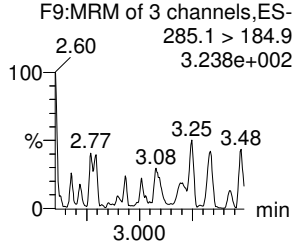


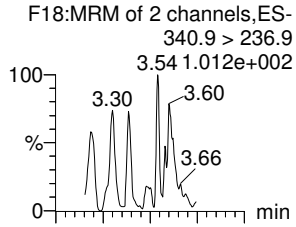


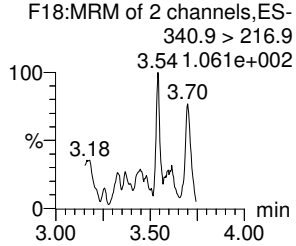
HFPO-DA





5:3 FTCA





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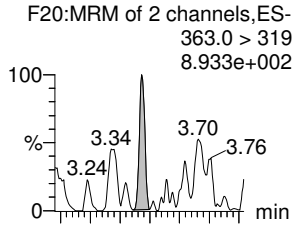

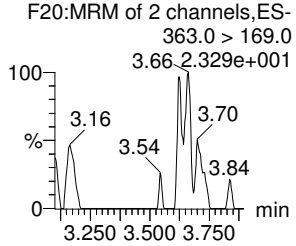

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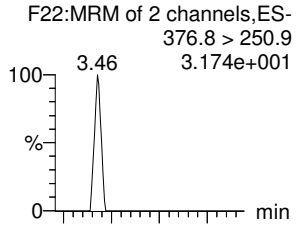
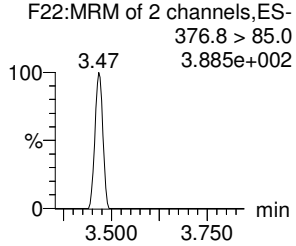
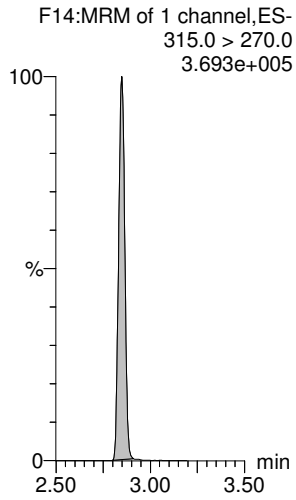




13C2-PFHxA-EIS



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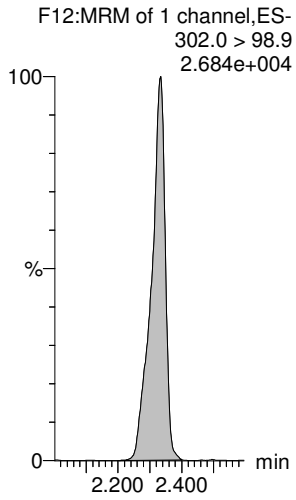

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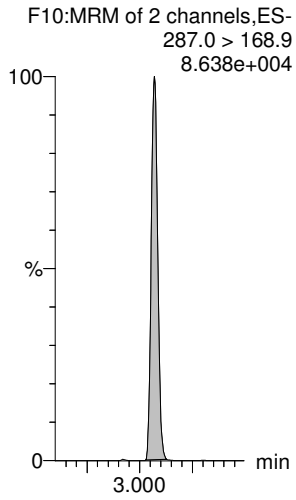

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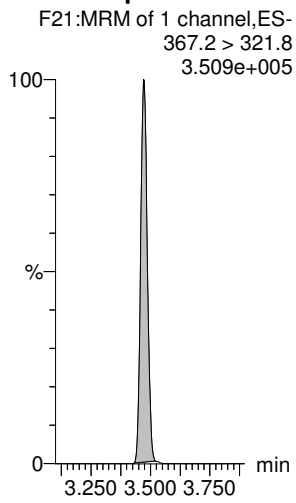

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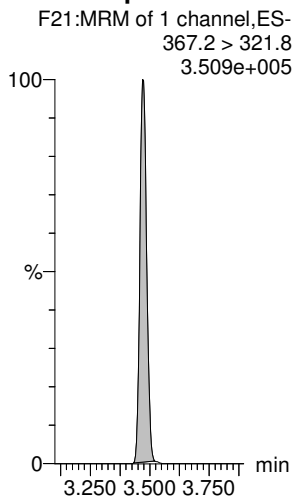

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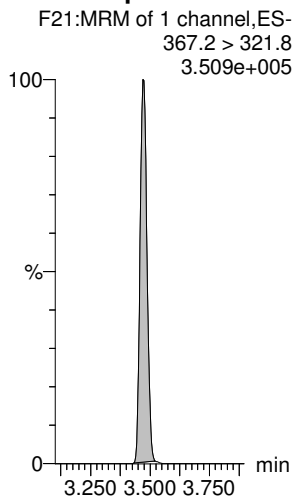

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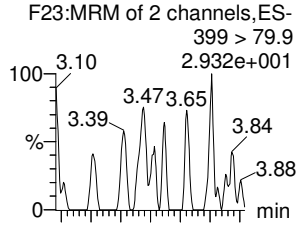
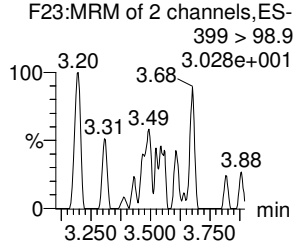
Printed: Tuesday, June 30, 2020 09:23:21 Pacific Daylight Time

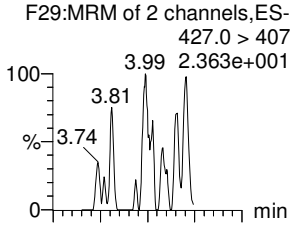
Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

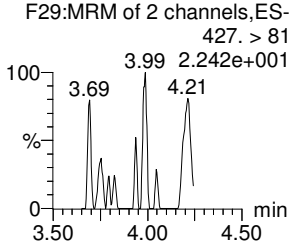
L-PFHxS





6:2 FTS





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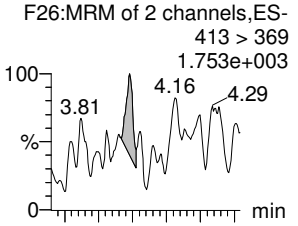

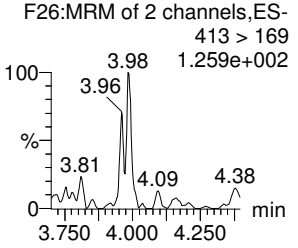

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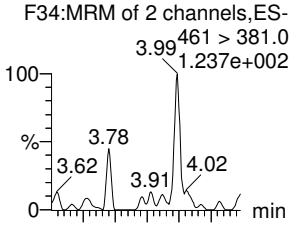

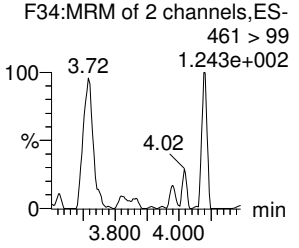

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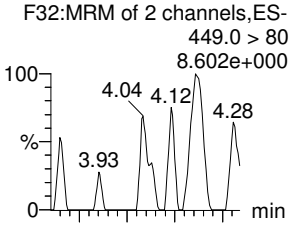
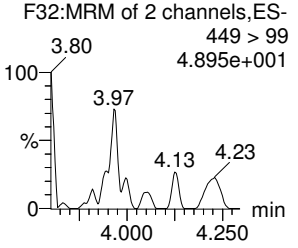
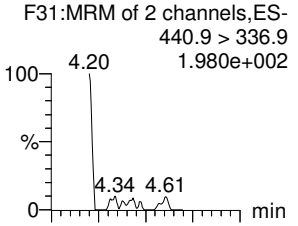
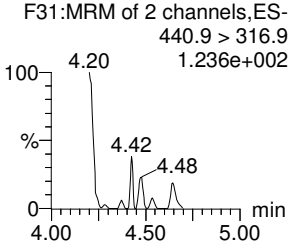




7:3 FTCA





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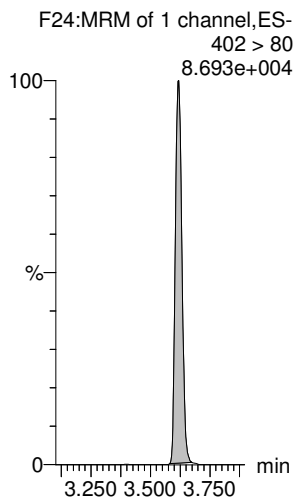
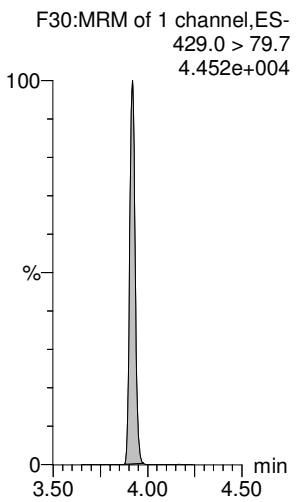


13C2-6:2 FTS-EIS



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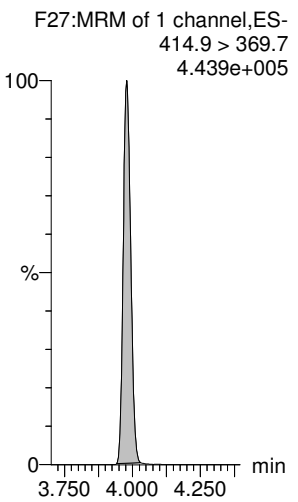

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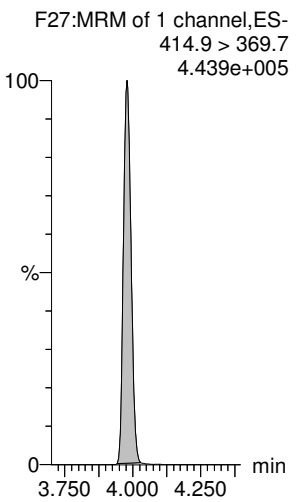
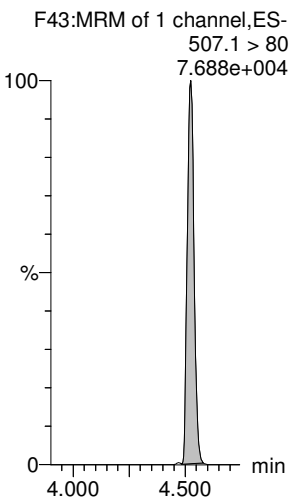


13C8-PFOS-EIS



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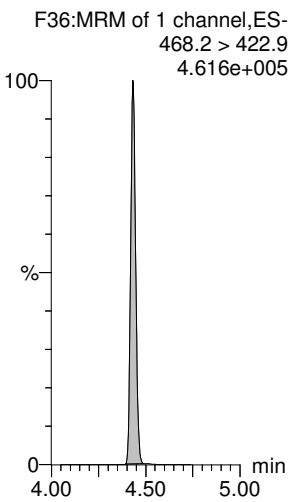

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Last Altered: Tuesday, June 30, 2020 09:23:17 Pacific Daylight Time
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Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

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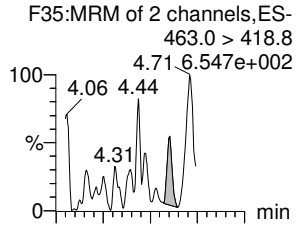

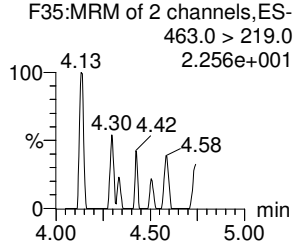

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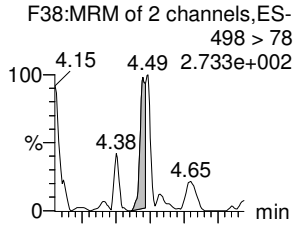
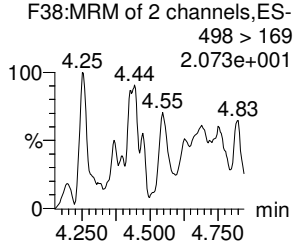
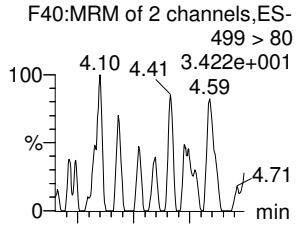
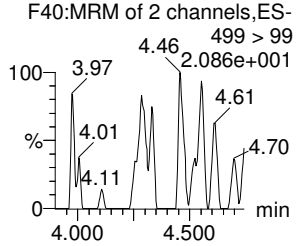




L-PFOS





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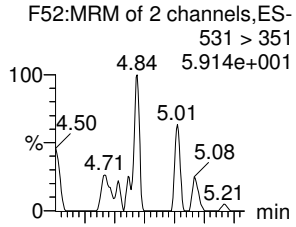

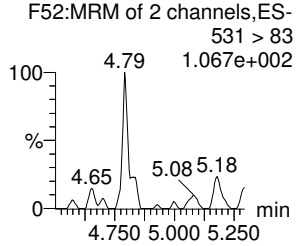

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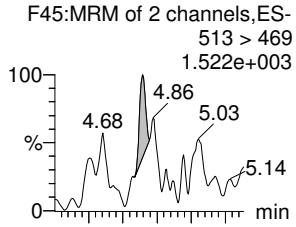
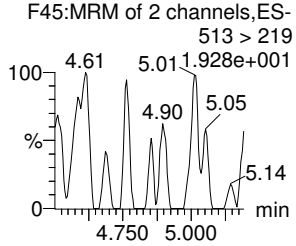
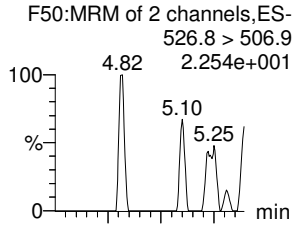
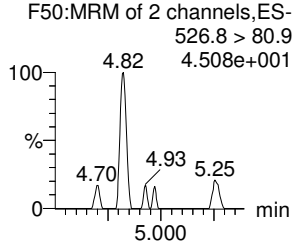


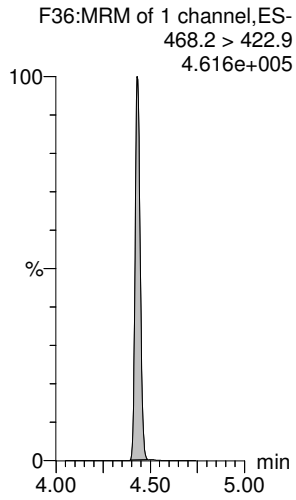


8:2 FTS

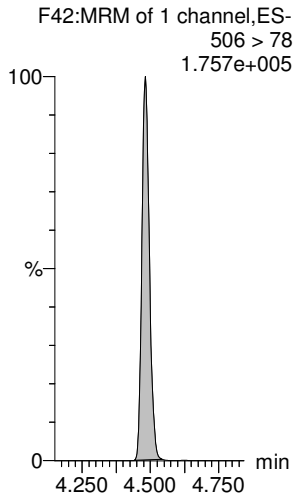




13C5-PFNA-EIS



13C8-PFOSA-EIS



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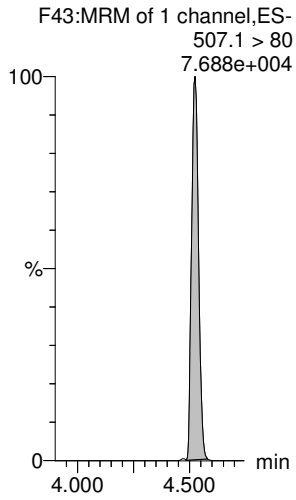

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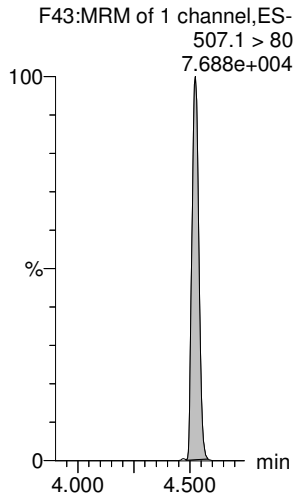
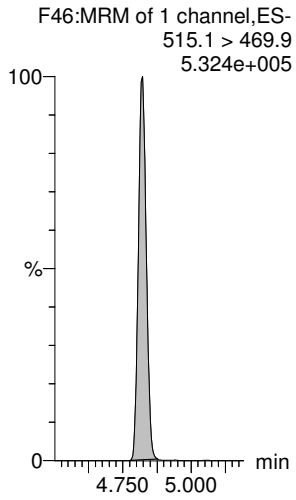
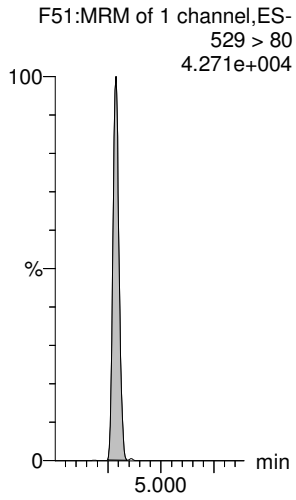


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Tuesday, June 30, 2020 09:23:17 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:23:21 Pacific Daylight Time

Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

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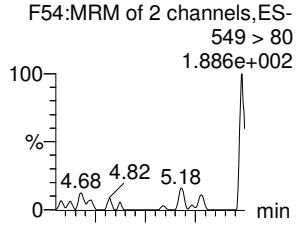

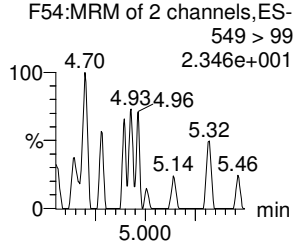

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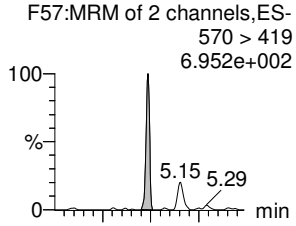

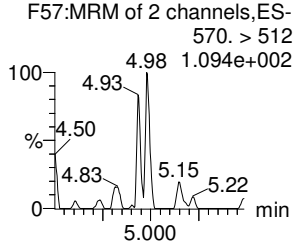

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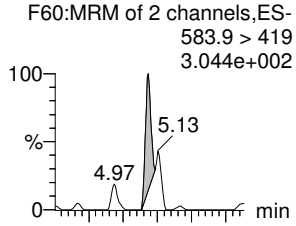

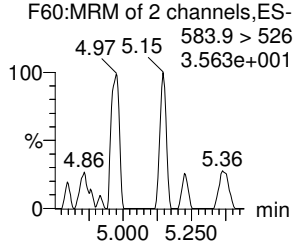

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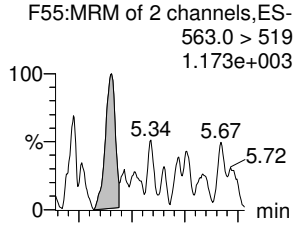

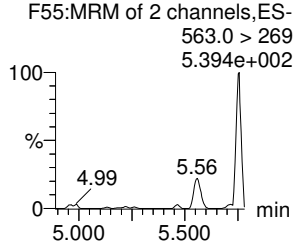

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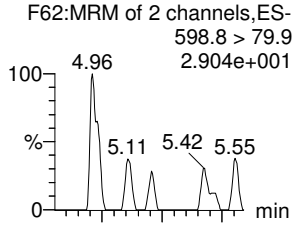

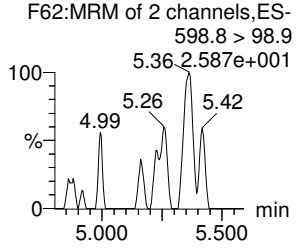

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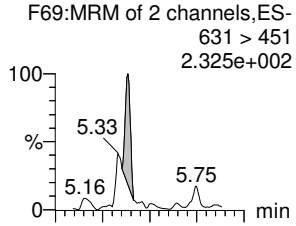

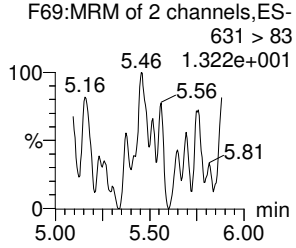

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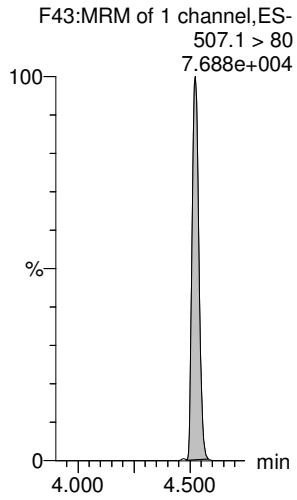
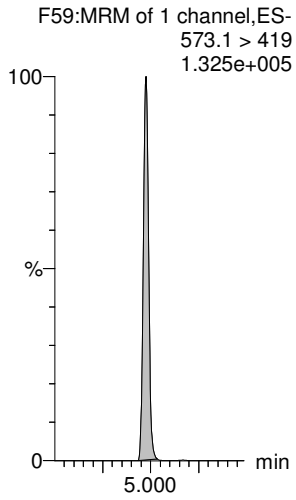


d3-N-MeFOSAA-EIS



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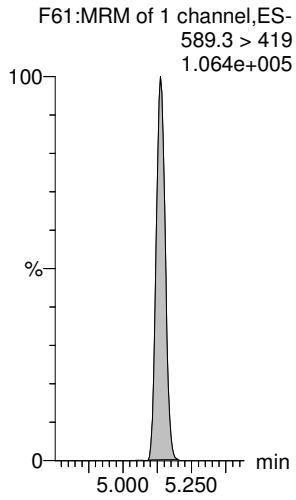

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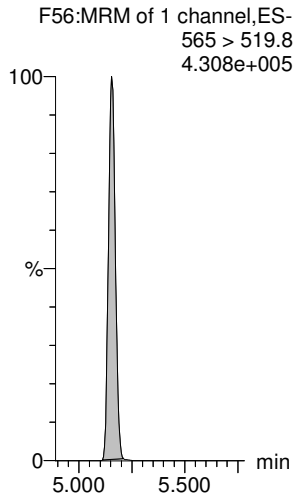

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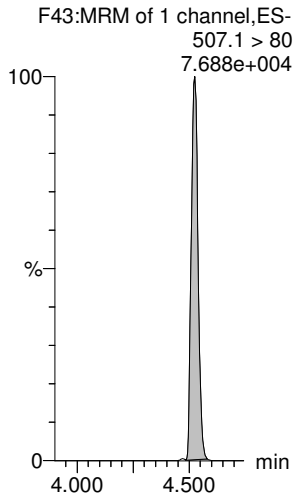

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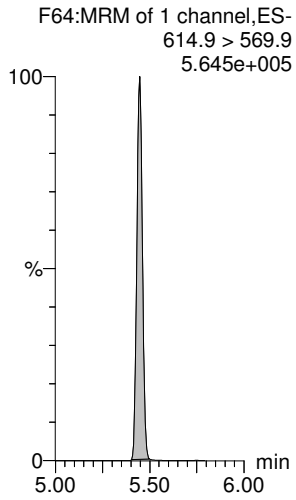

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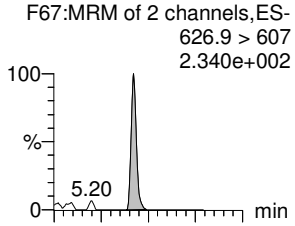
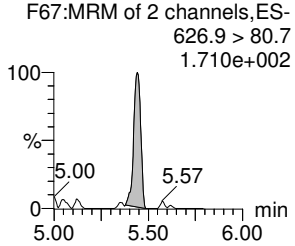
Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

10:2 FTS





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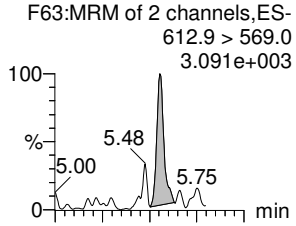

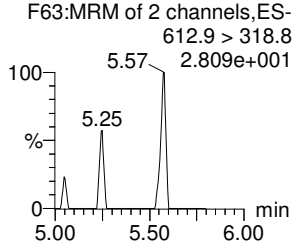

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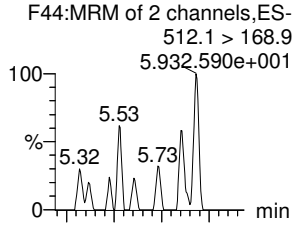

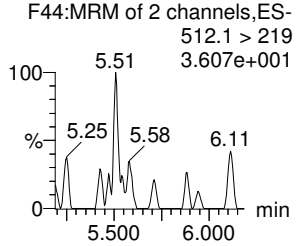

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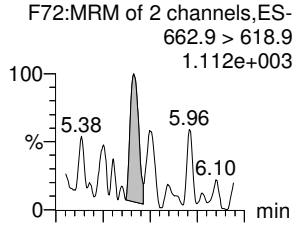

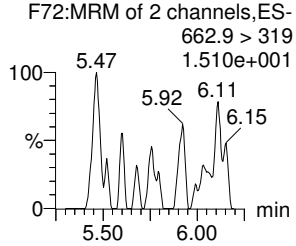

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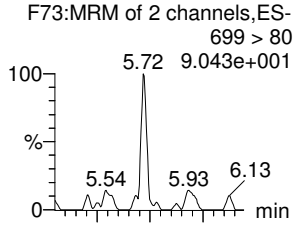

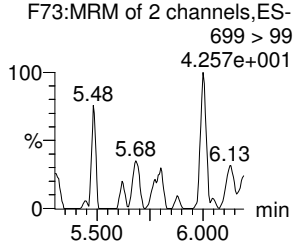

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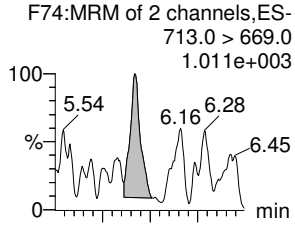
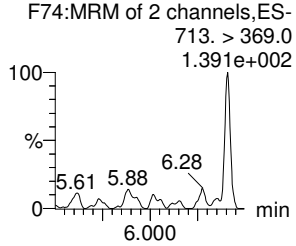
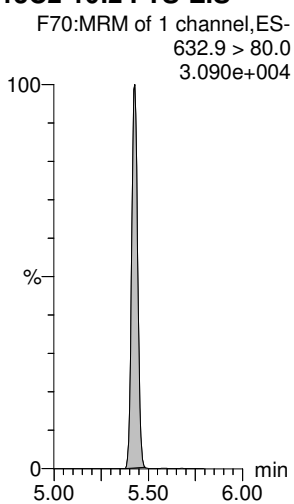




13C2-10:2 FTS-EIS



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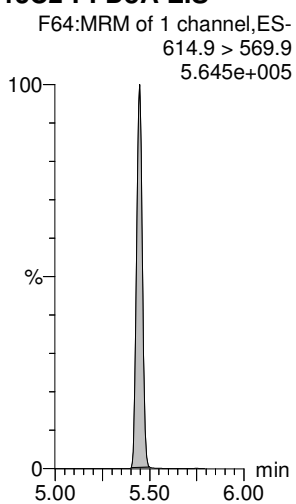
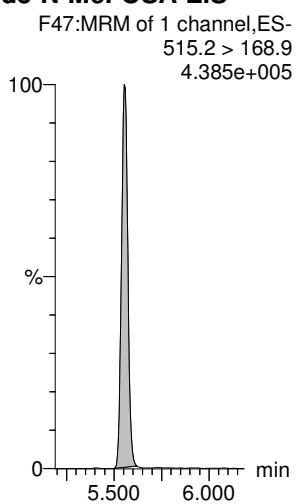


d3-N-MeFOSA-EIS



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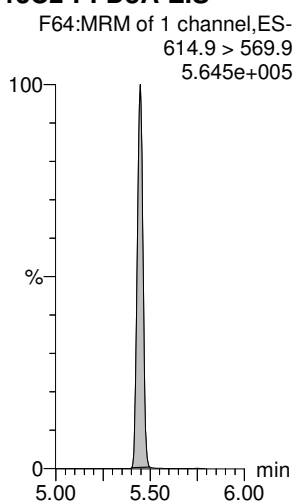

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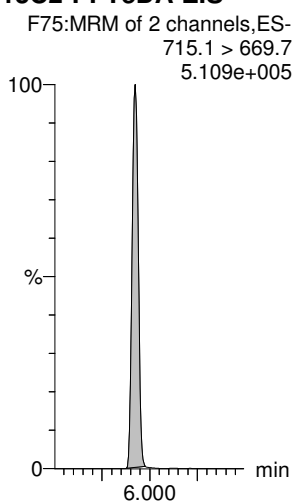

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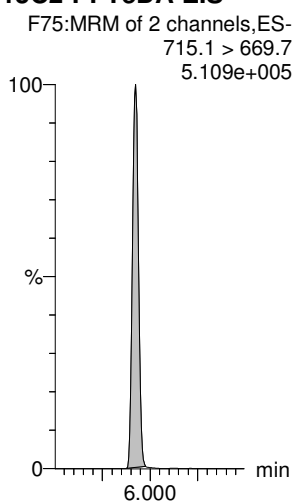

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Last Altered: Tuesday, June 30, 2020 09:23:17 Pacific Daylight Time
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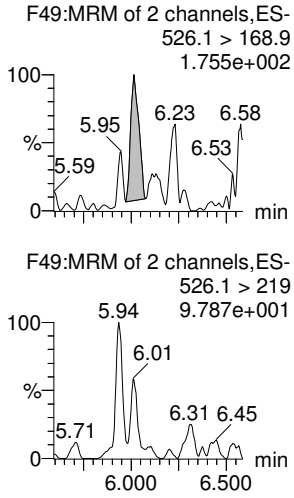
Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

N-EtFOSA



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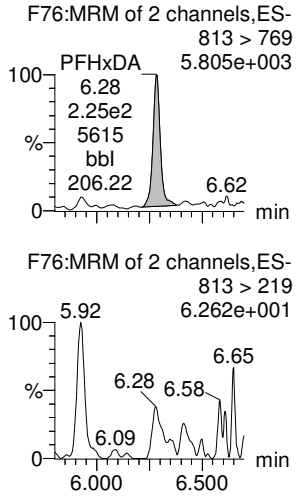

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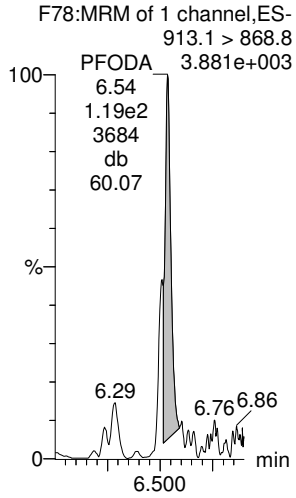

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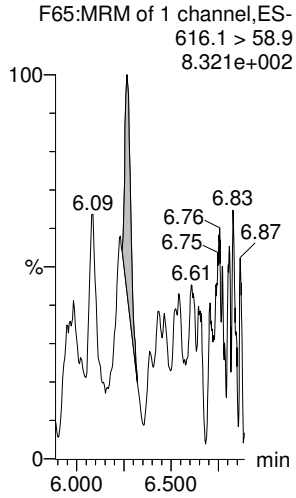

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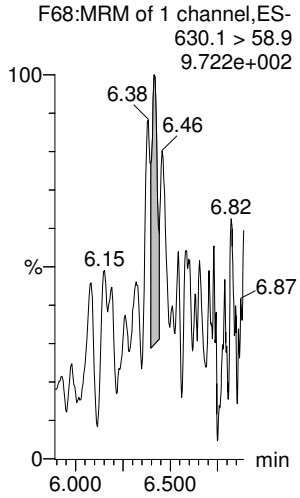

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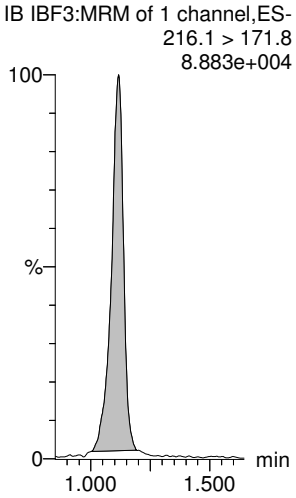
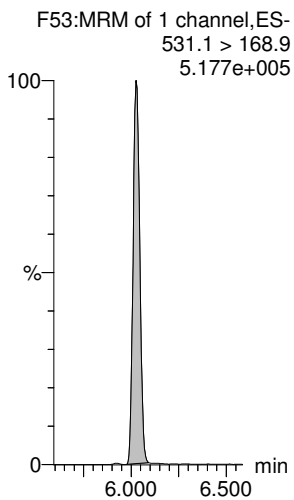


d5-N-ETFOSA-EIS



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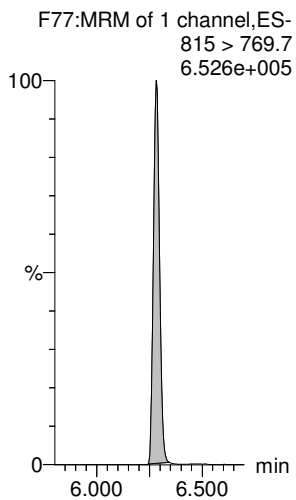

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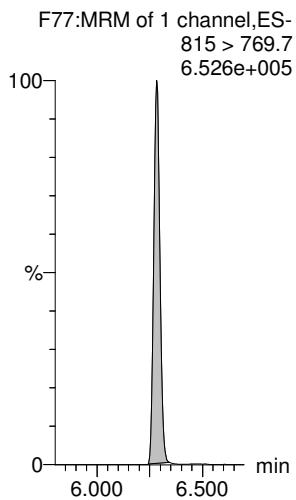

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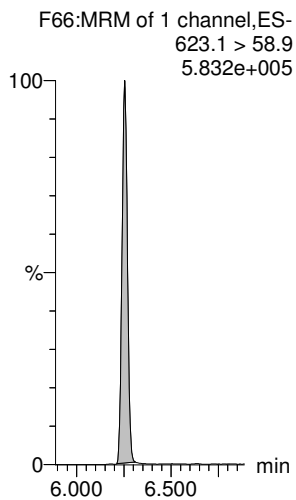

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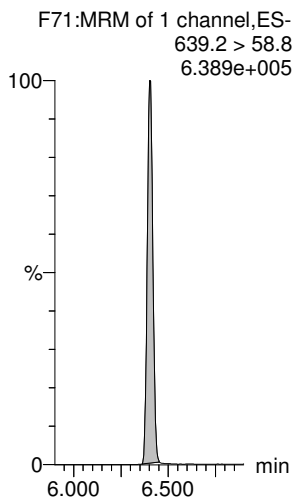

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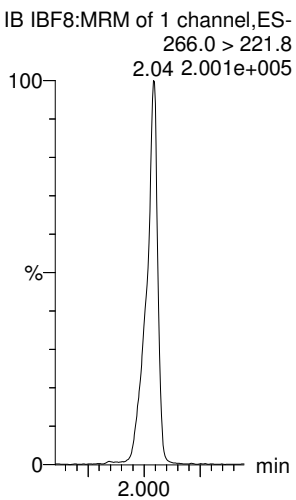

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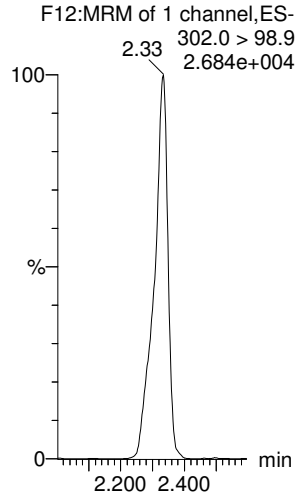
13C3-PFBS-RSD



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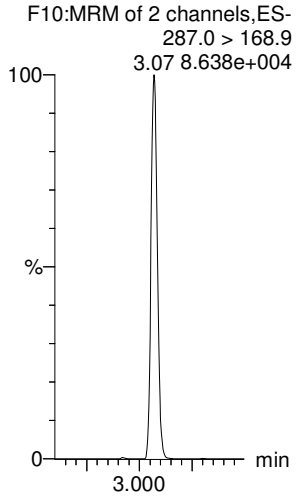
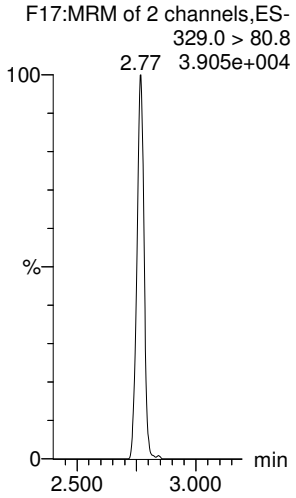


13C2-4:2 FTS-RSD



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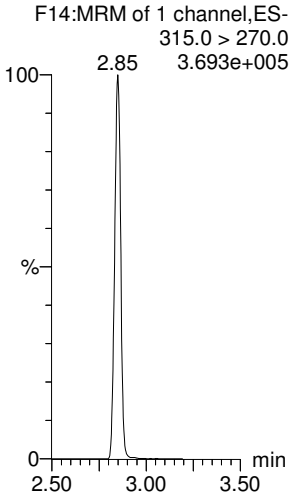
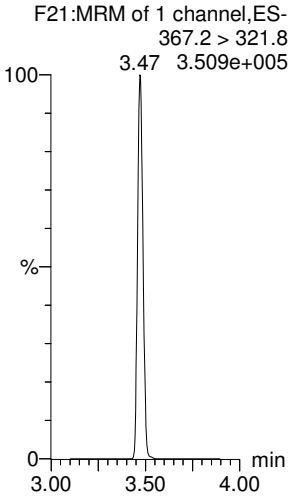
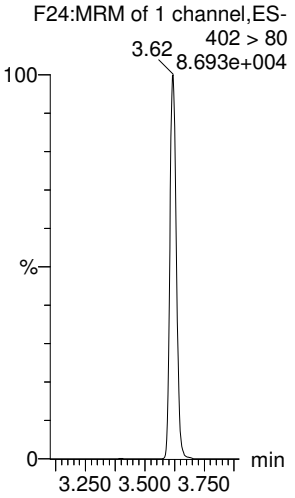


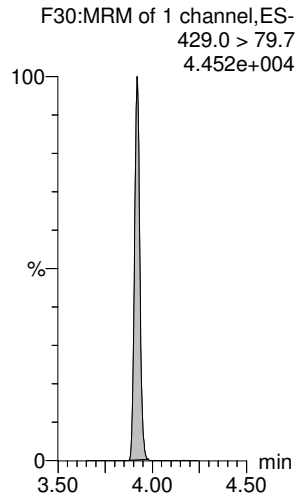
13C4-PFHpA-RSD



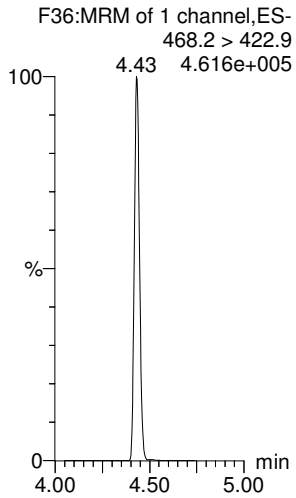
13C3-PFHxS-RSD



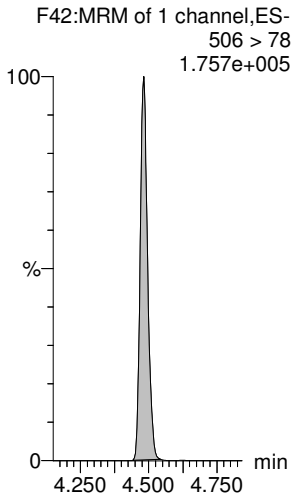
13C2-6:2 FTS-RSD



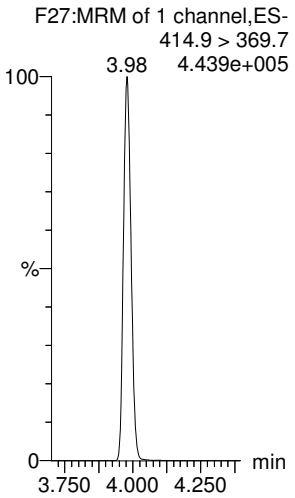
13C5-PFNA-RSD



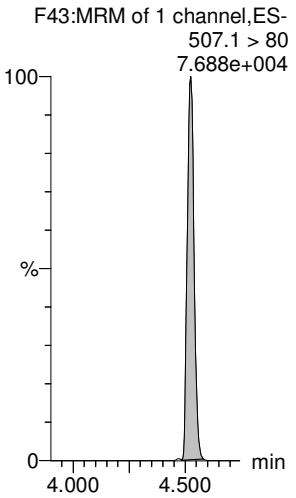
13C8-PFOSA-RSD



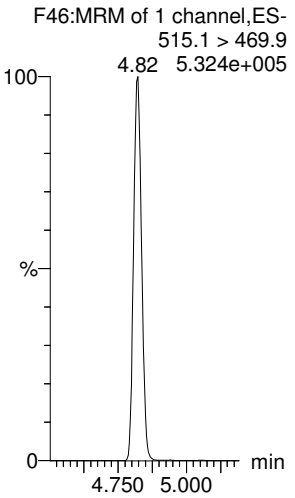
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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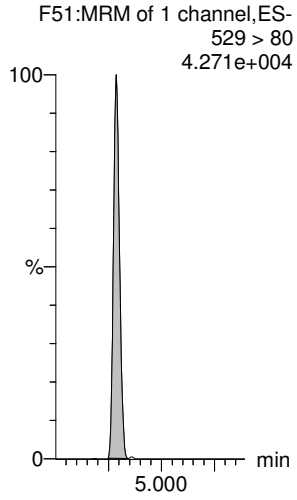
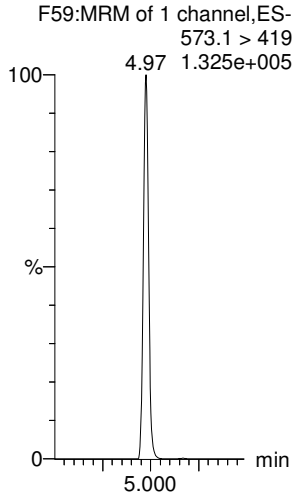
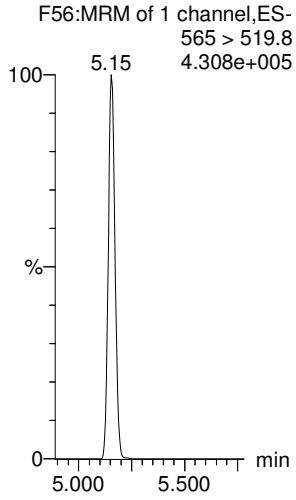
13C2-8:2 FTS-RSD



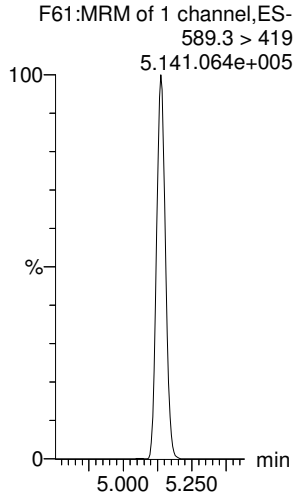
d3-N-MeFOSAA-RSD



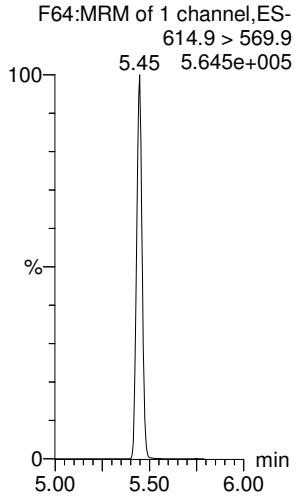
13C2-PFUdA-RSD



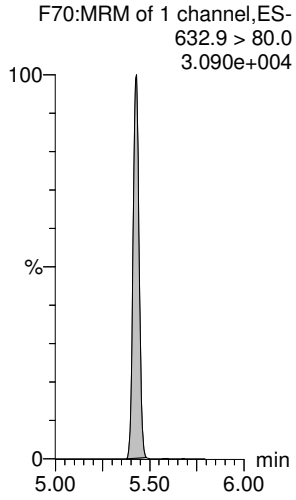
d5-N-EtFOSAA-RSD



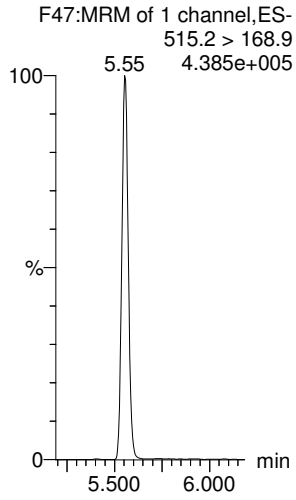
13C2-PFDoA-RSD



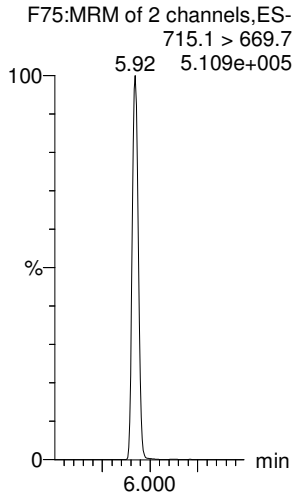
13C2-10:2 FTS-RSD



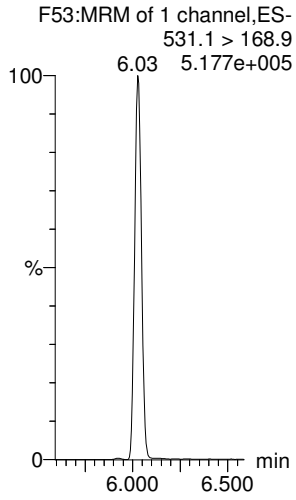
d3-N-MeFOSA-RSD



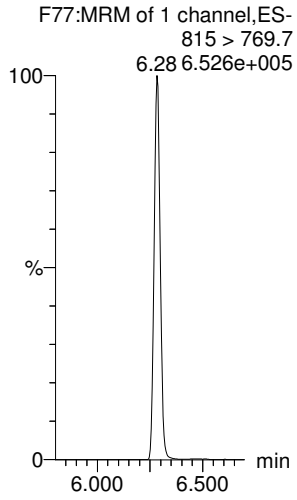
13C2-PFTeDA-RSD



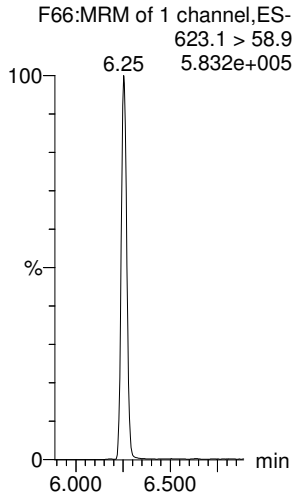
d5-N-ETFOSA-RSD



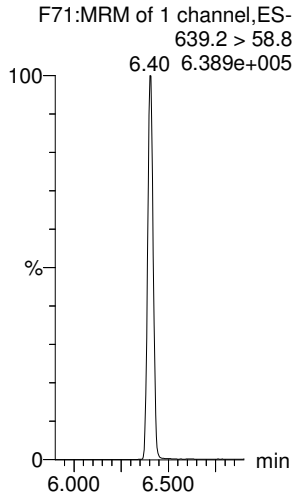
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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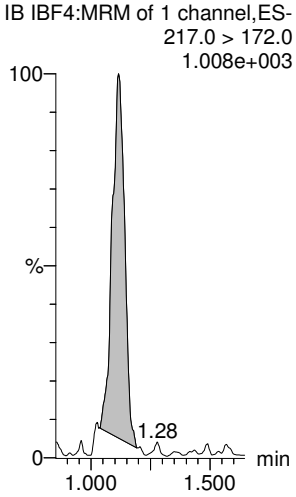
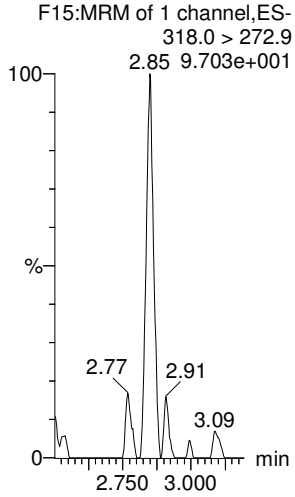
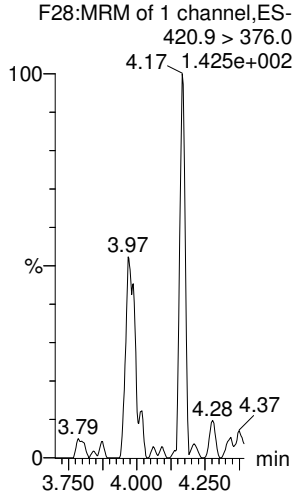
13C4-PFBA



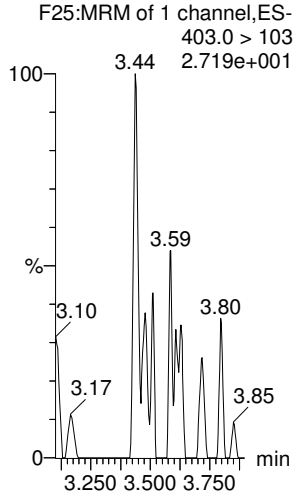
13C5-PFHxA



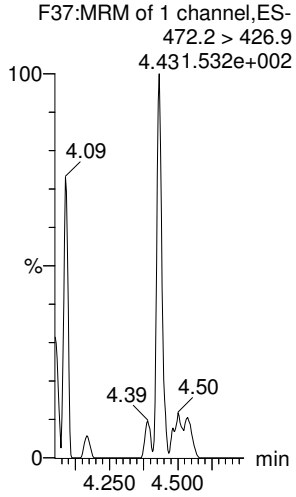
13C8-PFOA



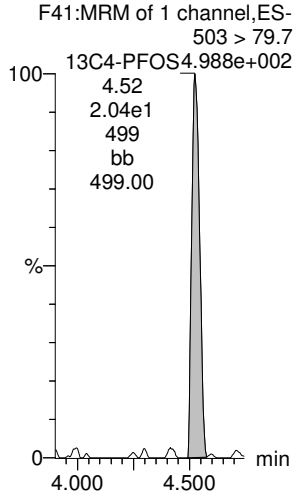
18O2-PFHxS



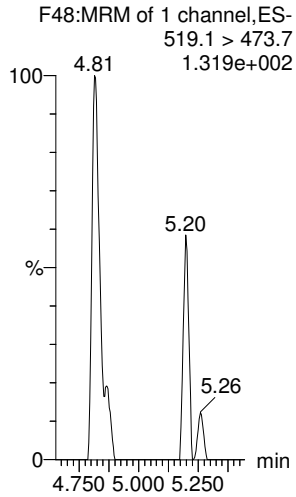
13C9-PFNA



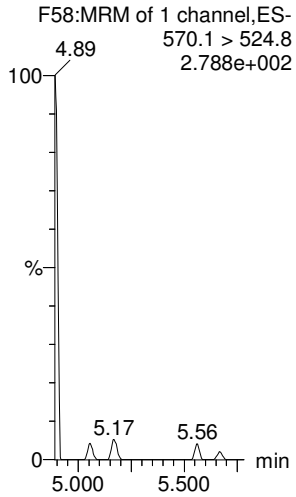
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

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Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	23.200	5116.214	1.00	1.34	0.057		0.147		NO		
2	2	PFPrS	249 > 80		1330.390	1.00						NO		YES
3	3	3:3 FTCA	240.9 > 176.9		11382.889	1.00						NO		YES
4	4	PFPeA	263.1 > 218.9	9.982	11382.889	1.00	2.27	0.011		0.0416		NO		
5	5	PFBS	299.0 > 80		1330.390	1.00						NO		YES
6	6	4:2 FTS	326.9 > 306.9		1331.265	1.00						NO		YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	5116.214		1.00	1.12	5116.214	12.500	13.0	104.1	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1330.390		1.00	2.33	1330.390	12.500	13.6	108.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	11382.889		1.00	2.04	11382.889	12.500	14.3	114.3	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	11382.889		1.00	2.04	11382.889	12.500	14.3	114.3	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1330.390		1.00	2.33	1330.390	12.500	13.6	108.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1331.265		1.00	2.77	1331.265	12.500	14.0	112.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	20.049	13459.534	1.00	2.80	0.019				NO		YES
15	8	PFPeS	349.>80		1330.390	1.00						NO		YES
16	9	HFPO-DA	285.1 > 168.9		2977.292	1.00						NO		YES
17	10	5:3 FTCA	340.9 > 236.9		11432.414	1.00						NO		YES
18	11	PFHpA	363.0 > 319	23.789	11432.414	1.00	3.47	0.026				NO		YES
19	12	ADONA	376.8 > 250.9		11432.414	1.00						NO		YES
20	57	13C2-PFHxA-EIS	315.0 > 270.0	13459.534		1.00	2.85	13459.534	12.500	12.7	101.3	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1330.390		1.00	2.33	1330.390	12.500	13.6	108.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2977.292		1.00	3.07	2977.292	12.500	12.7	102.0	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	11432.414		1.00	3.47	11432.414	12.500	12.1	97.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	11432.414		1.00	3.47	11432.414	12.500	12.1	97.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	11432.414		1.00	3.47	11432.414	12.500	12.1	97.2	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9		2735.401	1.00						NO		YES
28	15	6:2 FTS	427.0 > 407		1476.638	1.00						NO		YES
29	16	L-PFOA	413 > 369	29.643	14035.832	1.00	3.99	0.026		0.0153		NO		YES
30	18	PFecHS	461 > 381.0		14035.832	1.00						NO		YES
31	19	PFHpS	449.0 > 80		2682.525	1.00						NO		YES
32	20	7:3 FTCA	440.9 > 336.9		14361.410	1.00						NO		YES
33	61	13C3-PFHxS-EIS	402 > 80	2735.401		1.00	3.62	2735.401	12.500	13.4	107.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1476.638		1.00	3.92	1476.638	12.500	12.3	98.7	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	14035.832		1.00	3.98	14035.832	12.500	13.9	110.9	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	14035.832		1.00	3.98	14035.832	12.500	13.9	110.9	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2682.525		1.00	4.52	2682.525	12.500	11.8	94.5	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	14361.410		1.00	4.43	14361.410	12.500	13.5	107.7	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	9.952	14361.410	1.00	4.60	0.009		0.0324		NO		YES
41	22	PFOSA	498 > 78	5.518	5479.249	1.00	4.47	0.013		0.0465		NO		YES
42	23	L-PFOS	499 > 80		2682.525	1.00						NO		YES
43	25	9Cl-PF30NS	531 > 351		2682.525	1.00						NO		YES
44	26	PFDA	513 > 469	23.941	17885.385	1.00	4.82	0.017		0.0153		NO		YES
45	27	8:2 FTS	526.8 > 506.9		1425.969	1.00						NO		YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	14361.410		1.00	4.43	14361.410	12.500	13.5	107.7	NO		
47	67	13C8-PFOSA-EIS	506 > 78	5479.249		1.00	4.48	5479.249	12.500	12.6	101.1	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2682.525		1.00	4.52	2682.525	12.500	11.8	94.5	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2682.525		1.00	4.52	2682.525	12.500	11.8	94.5	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	17885.385		1.00	4.82	17885.385	12.500	13.8	110.2	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1425.969		1.00	4.79	1425.969	12.500	12.1	97.0	NO		
52	-1													
53	28	PFNS	549 > 80		2682.525	1.00						NO		YES
54	29	L-MeFOSAA	570 > 419	14.974	4143.605	1.00	4.98	0.045		0.0812		NO		YES
55	31	L-EtFOSAA	583.9 > 419	6.084	4019.074	1.00	5.09	0.019		0.168		NO		YES
56	33	PFUdA	563.0 > 519	62.700	15731.192	1.00	5.15	0.050		0.0413		NO		YES
57	34	PFDS	598.8 >79.9		2682.525	1.00						NO		YES
58	35	11Cl-PF30UdS	631 > 451	5.844	19319.070	1.00	5.38	0.004		0.0522		NO		YES
59	71	13C8-PFOS-EIS	507.1 > 80	2682.525		1.00	4.52	2682.525	12.500	11.8	94.5	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4143.605		1.00	4.97	4143.605	12.500	13.3	106.2	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4019.074		1.00	5.14	4019.074	12.500	11.8	94.8	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	15731.192		1.00	5.15	15731.192	12.500	14.1	112.8	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2682.525		1.00	4.52	2682.525	12.500	11.8	94.5	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	19319.070		1.00	5.45	19319.070	12.500	13.9	111.1	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	7.712	1153.971	1.00	5.42	0.084		0.168		NO	1.062	NO
67	37	PFDoA	612.9 > 569.0	127.713	19319.070	1.00	5.55	0.083		0.0720		NO		YES
68	38	N-MeFOSA	512.1 > 168.9		16592.131	1.00						NO		YES
69	39	PFTrDA	662.9 > 618.9	53.833	19319.070	1.00	5.66	0.035		0.0118		NO		YES
70	40	PFDoS	699 > 80		18768.379	1.00						NO		YES
71	41	PFTeDA	713.0 > 669.0	58.063	18768.379	1.00	5.92	0.039				NO		YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1153.971		1.00	5.43	1153.971	12.500	15.4	123.5	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	19319.070		1.00	5.45	19319.070	12.500	13.9	111.1	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	16592.131		1.00	5.55	16592.131	149.200	133	89.4	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	19319.070		1.00	5.45	19319.070	12.500	13.9	111.1	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	18768.379		1.00	5.92	18768.379	12.500	13.0	104.1	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	18768.379		1.00	5.92	18768.379	12.500	13.0	104.1	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	8.110	20818.605	1.00	6.01	0.058				NO		YES
80	43	PFHxDA	813 > 769	224.620	21424.494	1.00	6.28	0.131				NO		YES
81	44	PFODA	913.1 > 868.8	119.373	21424.494	1.00	6.54	0.070		0.101		NO		
82	45	N-MeFOSE	616.1 > 58.9	16.632	19509.631	1.00	6.27	0.127				NO		
83	46	N-EtFOSE	630.1 > 58.9	22.393	21025.547	1.00	6.41	0.159		0.145		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	5116.214	57.871	1.00	1.12	1105.090	12.500	1280	10204.9	YES		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	20818.605		1.00	6.03	20818.605	149.200	137	91.5	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	21424.494		1.00	6.28	21424.494	12.500	13.1	104.5	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	21424.494		1.00	6.28	21424.494	12.500	13.1	104.5	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	19509.631		1.00	6.25	19509.631	149.200	138	92.3	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	21025.547		1.00	6.40	21025.547	149.200	133	89.4	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62	13C3-PFHxS-RSD	402 > 80			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1476.638	20.431	1.00	3.92	903.430	12.500	1880	15009.8	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506 > 78	5479.249		1.00	4.48		12.500			NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2682.525	20.431	1.00	4.52	1641.210	12.500	1940	15489.0	YES		
103	74	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1425.969	20.431	1.00	4.79	872.430	12.500	1780	14271.5	YES		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419			1.00			12.500			NO		
107	80	13C2-PFUdA-RSD	565 > 519.8			1.00			12.500			NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419			1.00			12.500			NO		

Dataset: Untitled

Last Altered: Tuesday, June 30, 2020 09:23:17 Pacific Daylight Time
Printed: Tuesday, June 30, 2020 09:23:21 Pacific Daylight Time

Name: 200629P1-14, Date: 29-Jun-2020, Time: 13:23:05, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9			1.00			12.500			NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1153.971	20.431	1.00	5.43	706.017	12.500	2150	17168.0	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9			1.00			149.200			NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7			1.00			12.500			NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9			1.00			149.200			NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7			1.00			12.500			NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9			1.00			149.200			NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8			1.00			149.200			NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	57.871	57.871	1.00	1.12	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1...	18O2-PFHxS	403.0 > 103			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 79.7	20.431	20.431	1.00	4.52	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8			1.00			12.500			NO		

Quantify Compound Summary Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory

Low point
- PFOSA 1.000
- EtFOSE 5.000

High point
- 3:3 FTCA 100.000
- 5:3 FTCA 100.000
- 7:3 FTCA 100.000
- EtFOSE 1250.000

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:25:45 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999882
Calibration curve: -8.94206e-005 * x^2 + 1.52017 * x + 0.0277343
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

JQV 07/01/20

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	1.64	177.642	5007.527	0.443	0.3	9.4	NO	1.000	NO	MM
2	2	200630M1_4	Standard	0.500	1.65	267.676	4400.792	0.760	0.5	-3.6	NO	1.000	NO	MM
3	3	200630M1_5	Standard	1.000	1.64	512.699	4460.130	1.437	0.9	-7.3	NO	1.000	NO	MM
4	4	200630M1_6	Standard	2.000	1.65	1086.646	4484.785	3.029	2.0	-1.3	NO	1.000	NO	MM
5	5	200630M1_7	Standard	5.000	1.64	2995.809	4752.850	7.879	5.2	3.3	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	1.61	5560.085	4643.400	14.968	9.8	-1.7	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	1.60	28483.646	4688.677	75.937	50.1	0.2	NO	1.000	NO	MM
8	8	200630M1_10	Standard	100.000	1.60	56199.508	4554.410	154.245	102.1	2.1	NO	1.000	NO	MM
9	9	200630M1_11	Standard	250.000	1.60	137127.891	4637.918	369.584	246.7	-1.3	NO	1.000	NO	MM
10	10	200630M1_12	Standard	500.000	1.60	263131.000	4447.321	739.577	501.3	0.3	NO	1.000	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.998990
Calibration curve: 0.000655364 * x^2 + 1.86314 * x + 0.0348903
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	2.00	53.338	1368.189	0.487	0.2	-2.9	NO	0.999	NO	MM
2	2	200630M1_4	Standard	0.500	2.01	106.367	1306.852	1.017	0.5	5.4	NO	0.999	NO	MM
3	3	200630M1_5	Standard	1.000	2.00	205.394	1307.923	1.963	1.0	3.4	NO	0.999	NO	bb
4	4	200630M1_6	Standard	2.000	2.00	407.502	1358.808	3.749	2.0	-0.4	NO	0.999	NO	MM
5	5	200630M1_7	Standard	5.000	2.00	1084.597	1557.237	8.706	4.6	-7.1	NO	0.999	NO	bb
6	6	200630M1_8	Standard	10.000	1.97	2102.614	1353.879	19.413	10.4	3.6	NO	0.999	NO	MM
7	7	200630M1_9	Standard	50.000	1.96	10968.917	1398.992	98.007	51.6	3.3	NO	0.999	NO	bb
8	8	200630M1_10	Standard	100.000	1.96	21184.373	1297.346	204.113	105.6	5.6	NO	0.999	NO	MM
9	9	200630M1_11	Standard	250.000	1.96	50054.480	1295.611	482.924	239.1	-4.4	NO	0.999	NO	bb
10	10	200630M1_12	Standard	500.000	1.95	95662.430	1082.346	1104.804	503.7	0.7	NO	0.999	NO	bb

FR 07/01/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.996371
Calibration curve: -5.7525e-005 * x^2 + 0.084805 * x + -0.0201154
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	2.51	3.396	6215.865	0.007	0.3	27.1	NO	0.996	NO	MM
2	2 200630M1_4	Standard	0.500	2.48	10.247	5527.329	0.023	0.5	2.1	NO	0.996	NO	bb
3	3 200630M1_5	Standard	1.000	2.49	30.955	5437.283	0.071	1.1	7.7	NO	0.996	NO	bb
4	4 200630M1_6	Standard	2.000	2.50	52.615	5555.551	0.118	1.6	-18.3	NO	0.996	NO	bb
5	5 200630M1_7	Standard	5.000	2.48	158.448	5928.046	0.334	4.2	-16.2	NO	0.996	NO	bb
6	6 200630M1_8	Standard	10.000	2.46	333.060	5501.541	0.757	9.2	-7.8	NO	0.996	NO	bb
7	7 200630M1_9	Standard	50.000	2.45	1903.024	5457.998	4.358	53.6	7.2	NO	0.996	NO	bb
8	8 200630M1_10	Standard	100.000	2.45	3386.851	5459.410	7.755	98.2	-1.8	NO	0.996	NO	bb
9	9 200630M1_11	Standard	250.000	2.45	1981.845	5119.802	4.839	59.7	-76.1	YES	0.996	NO	MMX
10	10 200630M1_12	Standard	500.000	2.44	3544.683	4840.076	9.155	117.6	-76.5	YES	0.996	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999855
Calibration curve: -2.48491e-005 * x^2 + 0.944978 * x + -0.00989457
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	2.64	106.495	6215.865	0.214	0.2	-5.2	NO	1.000	NO	MM
2	2 200630M1_4	Standard	0.500	2.64	206.416	5527.329	0.467	0.5	0.9	NO	1.000	NO	bb
3	3 200630M1_5	Standard	1.000	2.63	394.154	5437.283	0.906	1.0	-3.1	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	2.64	828.969	5555.551	1.865	2.0	-0.8	NO	1.000	NO	MM
5	5 200630M1_7	Standard	5.000	2.64	2303.636	5928.046	4.857	5.2	3.0	NO	1.000	NO	bb
6	6 200630M1_8	Standard	10.000	2.60	4186.045	5501.541	9.511	10.1	0.8	NO	1.000	NO	bb
7	7 200630M1_9	Standard	50.000	2.60	21047.020	5457.998	48.202	51.1	2.2	NO	1.000	NO	bb
8	8 200630M1_10	Standard	100.000	2.60	40001.305	5459.410	91.588	97.2	-2.8	NO	1.000	NO	bb
9	9 200630M1_11	Standard	250.000	2.60	96970.523	5119.802	236.754	252.2	0.9	NO	1.000	NO	bb
10	10 200630M1_12	Standard	500.000	2.59	180304.781	4840.076	465.656	499.3	-0.1	NO	1.000	NO	bb

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999279
Calibration curve: 0.000272521 * x^2 + 1.98408 * x + 0.154447
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	2.92	66.469	1368.189	0.607	0.2	-8.7	NO	0.999	NO	MM
2	2	200630M1_4	Standard	0.500	2.92	108.821	1306.852	1.041	0.4	-10.7	NO	0.999	NO	bb
3	3	200630M1_5	Standard	1.000	2.91	240.048	1307.923	2.294	1.1	7.8	NO	0.999	NO	bb
4	4	200630M1_6	Standard	2.000	2.92	476.368	1358.808	4.382	2.1	6.5	NO	0.999	NO	MM
5	5	200630M1_7	Standard	5.000	2.91	1212.430	1557.237	9.732	4.8	-3.5	NO	0.999	NO	bb
6	6	200630M1_8	Standard	10.000	2.88	2267.436	1353.879	20.935	10.5	4.6	NO	0.999	NO	bb
7	7	200630M1_9	Standard	50.000	2.88	11535.151	1398.992	103.067	51.5	3.0	NO	0.999	NO	MM
8	8	200630M1_10	Standard	100.000	2.88	21746.760	1297.346	209.531	104.0	4.0	NO	0.999	NO	bb
9	9	200630M1_11	Standard	250.000	2.88	51093.207	1295.611	492.945	240.4	-3.8	NO	0.999	NO	MM
10	10	200630M1_12	Standard	500.000	2.87	92517.883	1082.346	1068.488	503.6	0.7	NO	0.999	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999493
Calibration curve: -0.00036416 * x^2 + 2.67186 * x + -0.0298997
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	3.35	113.159	2279.226	0.621	0.2	-2.6	NO	0.999	NO	bb
2	2	200630M1_4	Standard	0.500	3.35	209.034	2180.909	1.198	0.5	-8.1	NO	0.999	NO	bb
3	3	200630M1_5	Standard	1.000	3.35	481.540	2254.937	2.669	1.0	1.0	NO	0.999	NO	bb
4	4	200630M1_6	Standard	2.000	3.35	1029.258	2311.458	5.566	2.1	4.8	NO	0.999	NO	MM
5	5	200630M1_7	Standard	5.000	3.35	2632.191	2448.935	13.435	5.0	0.9	NO	0.999	NO	bb
6	6	200630M1_8	Standard	10.000	3.32	4849.563	2373.006	25.545	9.6	-4.2	NO	0.999	NO	bb
7	7	200630M1_9	Standard	50.000	3.32	23676.025	2176.211	135.993	51.3	2.5	NO	0.999	NO	MM
8	8	200630M1_10	Standard	100.000	3.32	43003.762	1968.496	273.075	103.7	3.7	NO	0.999	NO	bb
9	9	200630M1_11	Standard	250.000	3.32	89188.195	1782.346	625.497	242.1	-3.2	NO	0.999	NO	bb
10	10	200630M1_12	Standard	500.000	3.32	163962.297	1636.384	1252.474	503.3	0.7	NO	0.999	NO	bb

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Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999982
Calibration curve: 4.58682e-005 * x^2 + 1.13705 * x + 0.0120538
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	3.44	259.584	10973.281	0.296	0.2	-0.2	NO	1.000	NO	MM
2	2 200630M1_4	Standard	0.500	3.44	454.820	9736.711	0.584	0.5	0.6	NO	1.000	NO	bb
3	3 200630M1_5	Standard	1.000	3.43	908.308	9479.789	1.198	1.0	4.3	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	3.44	1755.220	9923.380	2.211	1.9	-3.3	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	3.43	4829.046	10461.313	5.770	5.1	1.3	NO	1.000	NO	bb
6	6 200630M1_8	Standard	10.000	3.41	9001.975	9692.693	11.609	10.2	2.0	NO	1.000	NO	bb
7	7 200630M1_9	Standard	50.000	3.41	44440.055	9806.148	56.648	49.7	-0.6	NO	1.000	NO	bb
8	8 200630M1_10	Standard	100.000	3.40	86630.141	9431.409	114.816	100.6	0.6	NO	1.000	NO	bb
9	9 200630M1_11	Standard	250.000	3.41	201514.953	8801.755	286.186	249.2	-0.3	NO	1.000	NO	bb
10	10 200630M1_12	Standard	500.000	3.40	371634.156	8004.046	580.385	500.3	0.1	NO	1.000	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.998718
Calibration curve: 0.00019679 * x^2 + 2.19515 * x + -0.0128976
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	3.62	73.150	1368.189	0.668	0.3	24.1	NO	0.999	NO	bb
2	2 200630M1_4	Standard	0.500	3.62	91.607	1306.852	0.876	0.4	-19.0	NO	0.999	NO	bb
3	3 200630M1_5	Standard	1.000	3.61	208.212	1307.923	1.990	0.9	-8.8	NO	0.999	NO	bb
4	4 200630M1_6	Standard	2.000	3.62	457.688	1358.808	4.210	1.9	-3.8	NO	0.999	NO	MM
5	5 200630M1_7	Standard	5.000	3.61	1330.971	1557.237	10.684	4.9	-2.6	NO	0.999	NO	bb
6	6 200630M1_8	Standard	10.000	3.59	2438.284	1353.879	22.512	10.3	2.5	NO	0.999	NO	bb
7	7 200630M1_9	Standard	50.000	3.59	12669.368	1398.992	113.201	51.3	2.7	NO	0.999	NO	bb
8	8 200630M1_10	Standard	100.000	3.59	24498.033	1297.346	236.040	106.5	6.5	NO	0.999	NO	MM
9	9 200630M1_11	Standard	250.000	3.59	55221.305	1295.611	532.773	237.6	-4.9	NO	0.999	NO	bb
10	10 200630M1_12	Standard	500.000	3.58	100241.813	1082.346	1157.691	504.6	0.9	NO	0.999	NO	MM

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997611
Calibration curve: 8.93284e-005 * x^2 + 0.866213 * x + 0.0284068
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	3.65	21.205	1192.755	0.222	0.2	-10.5	NO	0.998	NO	MM
2	2 200630M1_4	Standard	0.500	3.65	40.604	954.450	0.532	0.6	16.2	NO	0.998	NO	MM
3	3 200630M1_5	Standard	1.000	3.64	72.051	1077.979	0.835	0.9	-6.8	NO	0.998	NO	MM
4	4 200630M1_6	Standard	2.000	3.64	149.709	1026.224	1.824	2.1	3.6	NO	0.998	NO	MM
5	5 200630M1_7	Standard	5.000	3.64	377.283	1081.469	4.361	5.0	-0.0	NO	0.998	NO	MM
6	6 200630M1_8	Standard	10.000	3.61	613.144	886.455	8.646	9.9	-0.6	NO	0.998	NO	MM
7	7 200630M1_9	Standard	50.000	3.61	3522.447	854.115	51.551	59.1	18.2	NO	0.998	NO	MM
8	8 200630M1_10	Standard	100.000	3.61	6191.308	922.164	83.924	95.9	-4.1	NO	0.998	NO	MM
9	9 200630M1_11	Standard	250.000	3.61	13571.563	794.285	213.581	240.6	-3.8	NO	0.998	NO	MM
10	10 200630M1_12	Standard	500.000	3.61	26059.941	708.637	459.684	504.4	0.9	NO	0.998	NO	MM

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998071
Calibration curve: -5.36334e-005 * x^2 + 0.114109 * x + -0.00992436
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	3.99	43.481	21325.334	0.025	0.3	24.1	NO	0.998	NO	bb
2	2 200630M1_4	Standard	0.500	3.98	83.407	20339.293	0.051	0.5	7.3	NO	0.998	NO	bb
3	3 200630M1_5	Standard	1.000	3.98	167.024	21745.314	0.096	0.9	-7.1	NO	0.998	NO	bb
4	4 200630M1_6	Standard	2.000	3.98	321.348	20526.389	0.196	1.8	-9.8	NO	0.998	NO	bb
5	5 200630M1_7	Standard	5.000	3.98	877.176	22817.303	0.481	4.3	-13.9	NO	0.998	NO	bb
6	6 200630M1_8	Standard	10.000	3.95	1973.569	22940.379	1.075	9.6	-4.5	NO	0.998	NO	bb
7	7 200630M1_9	Standard	50.000	3.95	10499.180	22473.328	5.840	52.6	5.1	NO	0.998	NO	MM
8	8 200630M1_10	Standard	100.000	3.95	18697.461	21771.668	10.735	98.7	-1.3	NO	0.998	NO	MM
9	9 200630M1_11	Standard	250.000	3.95	10757.052	20466.795	6.570	59.3	-76.3	YES	0.998	NO	MMX
10	10 200630M1_12	Standard	500.000	3.94	18831.924	18295.238	12.867	119.6	-76.1	YES	0.998	NO	MMX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999909
Calibration curve: 7.9907e-005 * x^2 + 1.23503 * x + 0.0635387
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	4.04	175.616	6294.533	0.349	0.2	-7.6	NO	1.000	NO	MM
2	2 200630M1_4	Standard	0.500	4.04	360.631	6071.437	0.742	0.5	9.9	NO	1.000	NO	MM
3	3 200630M1_5	Standard	1.000	4.03	564.779	5967.751	1.183	0.9	-9.4	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	4.04	1207.851	5831.952	2.589	2.0	2.2	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	4.03	3054.386	5858.132	6.517	5.2	4.5	NO	1.000	NO	bb
6	6 200630M1_8	Standard	10.000	4.01	5547.768	5623.326	12.332	9.9	-0.7	NO	1.000	NO	MM
7	7 200630M1_9	Standard	50.000	4.01	27939.041	5487.325	63.644	51.3	2.6	NO	1.000	NO	MM
8	8 200630M1_10	Standard	100.000	4.01	52058.902	5314.448	122.447	98.5	-1.5	NO	1.000	NO	bb
9	9 200630M1_11	Standard	250.000	4.01	120514.625	4803.239	313.629	249.9	-0.1	NO	1.000	NO	bb
10	10 200630M1_12	Standard	500.000	4.00	225222.563	4413.557	637.871	500.2	0.0	NO	1.000	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999932
Calibration curve: 0.000234244 * x^2 + 5.48981 * x + -0.128085
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	4.15	632.977	6294.533	1.257	0.3	0.9	NO	1.000	NO	bb
2	2 200630M1_4	Standard	0.500	4.15	1282.361	6071.437	2.640	0.5	0.8	NO	1.000	NO	bb
3	3 200630M1_5	Standard	1.000	4.14	2583.850	5967.751	5.412	1.0	0.9	NO	1.000	NO	MM
4	4 200630M1_6	Standard	2.000	4.15	4899.266	5831.952	10.501	1.9	-3.2	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	4.14	13216.745	5858.132	28.202	5.2	3.2	NO	1.000	NO	MM
6	6 200630M1_8	Standard	10.000	4.12	23980.221	5623.326	53.305	9.7	-2.7	NO	1.000	NO	MM
7	7 200630M1_9	Standard	50.000	4.12	121925.633	5487.325	277.744	50.5	1.0	NO	1.000	NO	bb
8	8 200630M1_10	Standard	100.000	4.12	230537.813	5314.448	542.243	98.4	-1.6	NO	1.000	NO	bb
9	9 200630M1_11	Standard	250.000	4.12	537182.688	4803.239	1397.970	252.0	0.8	NO	1.000	NO	bb
10	10 200630M1_12	Standard	500.000	4.11	988414.188	4413.557	2799.370	499.3	-0.1	NO	1.000	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999629
Calibration curve: -0.000115284 * x^2 + 1.06243 * x + -0.0391239
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	4.18	57.548	3109.579	0.231	0.3	1.8	NO	1.000	NO	MM
2	2	200630M1_4	Standard	0.500	4.18	132.110	3072.606	0.537	0.5	8.5	NO	1.000	NO	MM
3	3	200630M1_5	Standard	1.000	4.17	254.043	3158.846	1.005	1.0	-1.7	NO	1.000	NO	MM
4	4	200630M1_6	Standard	2.000	4.18	514.984	3122.190	2.062	2.0	-1.1	NO	1.000	NO	MM
5	5	200630M1_7	Standard	5.000	4.17	1432.750	3422.269	5.233	5.0	-0.7	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	4.16	2383.929	3171.831	9.395	8.9	-11.1	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	4.15	13681.061	3128.170	54.669	51.8	3.6	NO	1.000	NO	MM
8	8	200630M1_10	Standard	100.000	4.15	26330.988	3068.655	107.258	102.1	2.1	NO	1.000	NO	MM
9	9	200630M1_11	Standard	250.000	4.15	60196.836	2964.480	253.825	245.5	-1.8	NO	1.000	NO	MM
10	10	200630M1_12	Standard	500.000	4.15	113118.15€	2805.391	504.021	501.8	0.4	NO	1.000	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.994244
Calibration curve: -0.00123584 * x^2 + 2.97046 * x + -0.0406025
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	4.50	107.984	1999.299	0.675	0.2	-3.6	NO	0.994	NO	bb
2	2	200630M1_4	Standard	0.500	4.50	190.624	1787.434	1.333	0.5	-7.5	NO	0.994	NO	bb
3	3	200630M1_5	Standard	1.000	4.50	356.145	1851.293	2.405	0.8	-17.7	NO	0.994	NO	bb
4	4	200630M1_6	Standard	2.000	4.50	772.263	1698.765	5.683	1.9	-3.6	NO	0.994	NO	MM
5	5	200630M1_7	Standard	5.000	4.49	2258.588	1936.844	14.576	4.9	-1.4	NO	0.994	NO	bb
6	6	200630M1_8	Standard	10.000	4.47	4299.238	1409.960	38.115	12.9	29.1	NO	0.994	NO	MM
7	7	200630M1_9	Standard	50.000	4.47	21827.193	2014.166	135.460	46.5	-7.0	NO	0.994	NO	MM
8	8	200630M1_10	Standard	100.000	4.47	39862.641	1558.536	319.712	113.0	13.0	NO	0.994	NO	bb
9	9	200630M1_11	Standard	250.000	4.47	87307.938	1781.939	612.450	227.8	-8.9	NO	0.994	NO	bb
10	10	200630M1_12	Standard	500.000	4.47	158134.172	1652.075	1196.481	511.8	2.4	NO	0.994	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999817
Calibration curve: 0.000123267 * x^2 + 1.54461 * x + 0.0721358
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	4.55	528.506	13808.325	0.478	0.3	5.2	NO	1.000	NO	bb
2	2	200630M1_4	Standard	0.500	4.55	812.515	12981.710	0.782	0.5	-8.0	NO	1.000	NO	bb
3	3	200630M1_5	Standard	1.000	4.54	1764.394	12698.265	1.737	1.1	7.8	NO	1.000	NO	bb
4	4	200630M1_6	Standard	2.000	4.55	3112.308	12616.745	3.084	1.9	-2.5	NO	1.000	NO	bb
5	5	200630M1_7	Standard	5.000	4.54	8249.284	13357.924	7.719	4.9	-1.0	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	4.53	15316.761	12906.853	14.834	9.5	-4.5	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	4.53	78268.625	12261.465	79.791	51.4	2.8	NO	1.000	NO	MM
8	8	200630M1_10	Standard	100.000	4.53	148770.422	11745.676	158.325	101.6	1.6	NO	1.000	NO	MM
9	9	200630M1_11	Standard	250.000	4.53	341265.938	11010.551	387.431	246.0	-1.6	NO	1.000	NO	MM
10	10	200630M1_12	Standard	500.000	4.52	593142.625	9201.981	805.727	501.5	0.3	NO	1.000	NO	MM

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999779
Calibration curve: 0.000226671 * x^2 + 0.489318 * x + -0.0342017
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	4.57	86.996	13808.325	0.079	0.2	-7.7	NO	1.000	NO	MM
2	2	200630M1_4	Standard	0.500	4.56	214.961	12981.710	0.207	0.5	-1.4	NO	1.000	NO	bb
3	3	200630M1_5	Standard	1.000	4.56	483.364	12698.265	0.476	1.0	4.2	NO	1.000	NO	bb
4	4	200630M1_6	Standard	2.000	4.56	1008.140	12616.745	0.999	2.1	5.5	NO	1.000	NO	bb
5	5	200630M1_7	Standard	5.000	4.56	2574.542	13357.924	2.409	5.0	-0.4	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	4.54	4862.496	12906.853	4.709	9.7	-3.5	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	4.54	25206.873	12261.465	25.697	51.4	2.7	NO	1.000	NO	bb
8	8	200630M1_10	Standard	100.000	4.54	49183.059	11745.676	52.342	102.2	2.2	NO	1.000	NO	bb
9	9	200630M1_11	Standard	250.000	4.54	117640.844	11010.551	133.555	245.2	-1.9	NO	1.000	NO	bb
10	10	200630M1_12	Standard	500.000	4.53	222647.078	9201.981	302.444	501.6	0.3	NO	1.000	NO	MM

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998799
Calibration curve: -5.79018e-006 * x^2 + 0.904478 * x + -0.0419557
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	4.66	48.699	3917.250	0.155	0.2	-12.7	NO	0.999	NO	bb
2	2 200630M1_4	Standard	0.500	4.66	113.704	3529.273	0.403	0.5	-1.7	NO	0.999	NO	bb
3	3 200630M1_5	Standard	1.000	4.65	288.121	3590.360	1.003	1.2	15.5	NO	0.999	NO	bb
4	4 200630M1_6	Standard	2.000	4.65	443.642	3425.544	1.619	1.8	-8.2	NO	0.999	NO	bb
5	5 200630M1_7	Standard	5.000	4.64	1350.849	3992.437	4.229	4.7	-5.5	NO	0.999	NO	bb
6	6 200630M1_8	Standard	10.000	4.63	2412.910	3165.766	9.527	10.6	5.8	NO	0.999	NO	bb
7	7 200630M1_9	Standard	50.000	4.63	13214.803	3392.168	48.696	53.9	7.8	NO	0.999	NO	bb
8	8 200630M1_10	Standard	100.000	4.63	25358.854	3415.165	92.817	102.7	2.7	NO	0.999	NO	MM
9	9 200630M1_11	Standard	250.000	4.63	58903.199	3425.115	214.968	238.1	-4.8	NO	0.999	NO	bb
10	10 200630M1_12	Standard	500.000	4.63	107638.922	2955.368	455.269	505.0	1.0	NO	0.999	NO	bb

Compound name: 7:3 FTCA
Correlation coefficient: r = 0.997603, r^2 = 0.995211
Calibration curve: 0.24737 * x + -0.0142249
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	4.98	111.221	21325.334	0.065	0.3	28.4	NO	0.995	NO	bb
2	2 200630M1_4	Standard	0.500	4.97	127.083	20339.293	0.078	0.4	-25.4	NO	0.995	NO	bb
3	3 200630M1_5	Standard	1.000	4.98	404.819	21745.314	0.233	1.0	-0.2	NO	0.995	NO	bb
4	4 200630M1_6	Standard	2.000	4.96	658.504	20526.389	0.401	1.7	-16.1	NO	0.995	NO	MM
5	5 200630M1_7	Standard	5.000	4.97	1770.480	22817.303	0.970	4.0	-20.4	NO	0.995	NO	MM
6	6 200630M1_8	Standard	10.000	4.95	4775.194	22940.379	2.602	10.6	5.8	NO	0.995	NO	MM
7	7 200630M1_9	Standard	50.000	4.95	24002.389	22473.328	13.350	54.0	8.1	NO	0.995	NO	MM
8	8 200630M1_10	Standard	100.000	4.95	41680.652	21771.668	23.931	96.8	-3.2	NO	0.995	NO	bb
9	9 200630M1_11	Standard	250.000	4.95	23225.107	20466.795	14.185	57.4	-77.0	YES	0.995	NO	bbX
10	10 200630M1_12	Standard	500.000	4.94	37157.324	18295.238	25.387	102.7	-79.5	YES	0.995	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999821
Calibration curve: 5.70023e-005 * x^2 + 1.44115 * x + -0.0339257
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	4.99	244.746	10463.004	0.292	0.2	-9.4	NO	1.000	NO	bb
2	2 200630M1_4	Standard	0.500	4.99	581.990	10338.640	0.704	0.5	2.4	NO	1.000	NO	bb
3	3 200630M1_5	Standard	1.000	4.99	1208.244	9789.475	1.543	1.1	9.4	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	4.97	1927.409	9511.638	2.533	1.8	-10.9	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	4.97	6524.489	10152.364	8.033	5.6	11.9	NO	1.000	NO	MM
6	6 200630M1_8	Standard	10.000	4.96	10721.550	9758.637	13.733	9.5	-4.5	NO	1.000	NO	bb
7	7 200630M1_9	Standard	50.000	4.96	55590.016	9406.931	73.868	51.2	2.4	NO	1.000	NO	bb
8	8 200630M1_10	Standard	100.000	4.96	102547.516	8954.309	143.154	99.0	-1.0	NO	1.000	NO	bb
9	9 200630M1_11	Standard	250.000	4.96	244833.422	8428.288	363.113	249.5	-0.2	NO	1.000	NO	bb
10	10 200630M1_12	Standard	500.000	4.95	445575.063	7574.919	735.280	500.3	0.1	NO	1.000	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999878
Calibration curve: 8.27417e-007 * x^2 + 0.912058 * x + 0.0175245
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	5.02	77.645	5145.337	0.189	0.2	-25.0	NO	1.000	NO	bbX
2	2 200630M1_4	Standard	0.500	5.03	226.042	4008.511	0.705	0.8	50.7	YES	1.000	NO	bbX
3	3 200630M1_5	Standard	1.000	5.03	296.387	4870.802	0.761	0.8	-18.5	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	5.02	797.885	4787.847	2.083	2.3	13.2	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	5.01	2278.411	5934.405	4.799	5.2	4.9	NO	1.000	NO	bb
6	6 200630M1_8	Standard	10.000	5.00	4914.927	6480.987	9.480	10.4	3.7	NO	1.000	NO	bb
7	7 200630M1_9	Standard	50.000	5.00	24480.783	6755.844	45.296	49.6	-0.7	NO	1.000	NO	MM
8	8 200630M1_10	Standard	100.000	5.00	47754.129	6605.746	90.365	99.0	-1.0	NO	1.000	NO	MM
9	9 200630M1_11	Standard	250.000	5.00	108680.703	5937.332	228.808	250.8	0.3	NO	1.000	NO	bb
10	10 200630M1_12	Standard	500.000	5.00	207553.203	5688.417	456.087	499.8	-0.0	NO	1.000	NO	MM

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998503
Calibration curve: 0.000157912 * x^2 + 0.993231 * x + -0.0920626
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	5.06	62.464	3917.250	0.199	0.3	17.3	NO	0.999	NO	MM
2	2 200630M1_4	Standard	0.500	5.06	81.422	3529.273	0.288	0.4	-23.4	NO	0.999	NO	MM
3	3 200630M1_5	Standard	1.000	5.07	207.762	3590.360	0.723	0.8	-17.9	NO	0.999	NO	MM
4	4 200630M1_6	Standard	2.000	5.05	621.374	3425.544	2.267	2.4	18.7	NO	0.999	NO	MM
5	5 200630M1_7	Standard	5.000	5.05	1370.218	3992.437	4.290	4.4	-11.8	NO	0.999	NO	MM
6	6 200630M1_8	Standard	10.000	5.04	2739.394	3165.766	10.816	11.0	9.6	NO	0.999	NO	MM
7	7 200630M1_9	Standard	50.000	5.04	14772.675	3392.168	54.437	54.4	8.9	NO	0.999	NO	MM
8	8 200630M1_10	Standard	100.000	5.04	28225.988	3415.165	103.311	102.4	2.4	NO	0.999	NO	MM
9	9 200630M1_11	Standard	250.000	5.04	67152.727	3425.115	245.075	237.8	-4.9	NO	0.999	NO	MM
10	10 200630M1_12	Standard	500.000	5.04	128037.227	2955.368	541.545	504.8	1.0	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.998122
Calibration curve: 0.000396038 * x^2 + 3.7248 * x + 0.00330848
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	5.27	213.993	3917.250	0.683	0.2	-27.0	NO	0.998	NO	bb
2	2 200630M1_4	Standard	0.500	5.27	521.597	3529.273	1.847	0.5	-1.0	NO	0.998	NO	bb
3	3 200630M1_5	Standard	1.000	5.28	1063.190	3590.360	3.702	1.0	-0.7	NO	0.998	NO	bb
4	4 200630M1_6	Standard	2.000	5.26	2212.025	3425.544	8.072	2.2	8.3	NO	0.998	NO	MM
5	5 200630M1_7	Standard	5.000	5.26	5840.654	3992.437	18.287	4.9	-1.9	NO	0.998	NO	MM
6	6 200630M1_8	Standard	10.000	5.25	10901.327	3165.766	43.044	11.5	15.4	NO	0.998	NO	MM
7	7 200630M1_9	Standard	50.000	5.25	55798.891	3392.168	205.617	54.9	9.8	NO	0.998	NO	MM
8	8 200630M1_10	Standard	100.000	5.25	105072.734	3415.165	384.581	102.1	2.1	NO	0.998	NO	MM
9	9 200630M1_11	Standard	250.000	5.25	246232.156	3425.115	898.627	235.4	-5.9	NO	0.998	NO	MM
10	10 200630M1_12	Standard	500.000	5.25	469666.250	2955.368	1986.496	506.1	1.2	NO	0.998	NO	MM

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999891
Calibration curve: -0.000227866 * x^2 + 1.64762 * x + 0.00290935
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	5.35	412.594	12056.381	0.428	0.3	3.2	NO	1.000	NO	MM
2	2 200630M1_4	Standard	0.500	5.35	682.364	11209.970	0.761	0.5	-8.0	NO	1.000	NO	MM
3	3 200630M1_5	Standard	1.000	5.36	1551.286	11003.589	1.762	1.1	6.8	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	5.34	3116.069	11388.665	3.420	2.1	3.7	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	5.34	7238.191	11028.365	8.204	5.0	-0.4	NO	1.000	NO	MM
6	6 200630M1_8	Standard	10.000	5.33	13753.152	10790.929	15.931	9.7	-3.2	NO	1.000	NO	MM
7	7 200630M1_9	Standard	50.000	5.33	69438.102	10943.270	79.316	48.5	-3.1	NO	1.000	NO	MM
8	8 200630M1_10	Standard	100.000	5.33	128314.805	9741.366	164.652	101.4	1.4	NO	1.000	NO	bb
9	9 200630M1_11	Standard	250.000	5.33	304451.438	9527.780	399.426	251.1	0.5	NO	1.000	NO	MM
10	10 200630M1_12	Standard	500.000	5.33	563848.750	9203.669	765.793	499.3	-0.1	NO	1.000	NO	MM

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999689
Calibration curve: -0.00127068 * x^2 + 2.38964 * x + -0.0645052
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	5.33	95.385	2113.125	0.564	0.3	5.3	NO	1.000	NO	bb
2	2 200630M1_4	Standard	0.500	5.33	169.024	2012.411	1.050	0.5	-6.7	NO	1.000	NO	bb
3	3 200630M1_5	Standard	1.000	5.34	419.470	2140.166	2.450	1.1	5.3	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	5.32	738.725	2242.367	4.118	1.8	-12.4	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	5.32	2293.169	2105.916	13.611	5.7	14.8	NO	1.000	NO	bb
6	6 200630M1_8	Standard	10.000	5.31	4447.768	2507.196	22.175	9.4	-6.5	NO	1.000	NO	MM
7	7 200630M1_9	Standard	50.000	5.31	19362.896	2074.355	116.680	50.2	0.4	NO	1.000	NO	bb
8	8 200630M1_10	Standard	100.000	5.31	37046.855	2052.217	225.651	99.7	-0.3	NO	1.000	NO	bb
9	9 200630M1_11	Standard	250.000	5.30	86925.313	2095.422	518.543	250.4	0.1	NO	1.000	NO	bb
10	10 200630M1_12	Standard	500.000	5.30	144707.391	2062.866	876.859	499.8	-0.0	NO	1.000	NO	MM

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.998959
Calibration curve: 2.42171e-006 * x^2 + 1.10086 * x + -0.0207613
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.40	95.187	3917.250	0.304	0.3	17.9	NO	0.999	NO	bb
2	2	200630M1_4	Standard	0.500	5.41	125.508	3529.273	0.445	0.4	-15.5	NO	0.999	NO	bb
3	3	200630M1_5	Standard	1.000	5.42	266.773	3590.360	0.929	0.9	-13.7	NO	0.999	NO	bb
4	4	200630M1_6	Standard	2.000	5.40	539.722	3425.544	1.969	1.8	-9.6	NO	0.999	NO	bb
5	5	200630M1_7	Standard	5.000	5.40	1681.671	3992.437	5.265	4.8	-4.0	NO	0.999	NO	MM
6	6	200630M1_8	Standard	10.000	5.39	3099.865	3165.766	12.240	11.1	11.4	NO	0.999	NO	MM
7	7	200630M1_9	Standard	50.000	5.39	16189.028	3392.168	59.656	54.2	8.4	NO	0.999	NO	bb
8	8	200630M1_10	Standard	100.000	5.39	30235.168	3415.165	110.665	100.5	0.5	NO	0.999	NO	MM
9	9	200630M1_11	Standard	250.000	5.39	72576.797	3425.115	264.870	240.5	-3.8	NO	0.999	NO	MM
10	10	200630M1_12	Standard	500.000	5.39	131373.016	2955.368	555.654	504.2	0.8	NO	0.999	NO	MM

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999635
Calibration curve: -0.00015898 * x^2 + 0.856642 * x + -0.0110005
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.49	195.704	10924.052	0.224	0.3	9.7	NO	1.000	NO	MM
2	2	200630M1_4	Standard	0.500	5.50	330.216	9538.083	0.433	0.5	3.6	NO	1.000	NO	MM
3	3	200630M1_5	Standard	1.000	5.51	557.246	9972.478	0.698	0.8	-17.2	NO	1.000	NO	MM
4	4	200630M1_6	Standard	2.000	5.49	1130.11(	9648.236	1.464	1.7	-13.9	NO	1.000	NO	MM
5	5	200630M1_7	Standard	5.000	5.49	3882.025	10753.048	4.513	5.3	5.7	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	5.48	6917.074	9662.013	8.949	10.5	4.8	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	5.48	34854.922	9795.964	44.476	52.4	4.9	NO	1.000	NO	MM
8	8	200630M1_10	Standard	100.000	5.48	63894.813	9740.724	81.994	97.5	-2.5	NO	1.000	NO	MM
9	9	200630M1_11	Standard	250.000	5.48	155250.125	9548.582	203.237	248.7	-0.5	NO	1.000	NO	MM
10	10	200630M1_12	Standard	500.000	5.48	273176.281	8772.467	389.252	501.0	0.2	NO	1.000	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999661
Calibration curve: -0.000145875 * x^2 + 1.08235 * x + -0.134571
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.65	138.000	9372.688	0.184	0.3	17.8	NO	1.000	NO	MM
2	2	200630M1_4	Standard	0.500	5.65	226.835	8614.921	0.329	0.4	-14.3	NO	1.000	NO	MM
3	3	200630M1_5	Standard	1.000	5.66	520.381	8148.021	0.798	0.9	-13.8	NO	1.000	NO	MM
4	4	200630M1_6	Standard	2.000	5.64	1457.901	8791.604	2.073	2.0	2.0	NO	1.000	NO	MM
5	5	200630M1_7	Standard	5.000	5.64	4083.505	8626.135	5.917	5.6	11.9	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	5.64	6796.855	8508.198	9.986	9.4	-6.4	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	5.63	36864.859	8223.768	56.034	52.3	4.5	NO	1.000	NO	MM
8	8	200630M1_10	Standard	100.000	5.63	69650.445	8250.817	105.521	98.9	-1.1	NO	1.000	NO	MM
9	9	200630M1_11	Standard	250.000	5.63	146725.516	7077.913	259.126	247.8	-0.9	NO	1.000	NO	MM
10	10	200630M1_12	Standard	500.000	5.63	276787.938	6842.165	505.666	501.2	0.2	NO	1.000	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.998929
Calibration curve: -8.09536e-005 * x^2 + 0.896769 * x + 0.0463223
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.67	305.716	17518.031	0.218	0.2	-23.4	NO	0.999	NO	MM
2	2	200630M1_4	Standard	0.500	5.67	676.726	17354.121	0.487	0.5	-1.6	NO	0.999	NO	bb
3	3	200630M1_5	Standard	1.000	5.68	1393.629	18529.697	0.940	1.0	-0.3	NO	0.999	NO	MM
4	4	200630M1_6	Standard	2.000	5.66	2945.358	17947.477	2.051	2.2	11.8	NO	0.999	NO	bb
5	5	200630M1_7	Standard	5.000	5.66	7047.812	18596.695	4.737	5.2	4.7	NO	0.999	NO	bb
6	6	200630M1_8	Standard	10.000	5.65	12994.247	17582.531	9.238	10.3	2.6	NO	0.999	NO	bb
7	7	200630M1_9	Standard	50.000	5.65	68616.766	17650.961	48.593	54.4	8.8	NO	0.999	NO	MM
8	8	200630M1_10	Standard	100.000	5.65	125961.477	17581.373	89.556	100.7	0.7	NO	0.999	NO	bb
9	9	200630M1_11	Standard	250.000	5.65	292706.188	17427.438	209.946	239.2	-4.3	NO	0.999	NO	MM
10	10	200630M1_12	Standard	500.000	5.65	530806.813	15348.984	432.282	505.0	1.0	NO	0.999	NO	MM

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.998919
Calibration curve: 3.56627e-005 * x^2 + 0.854562 * x + -0.0383226
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.71	53.418	3917.250	0.170	0.2	-2.3	NO	0.999	NO	bb
2	2	200630M1_4	Standard	0.500	5.71	97.806	3529.273	0.346	0.5	-10.0	NO	0.999	NO	bb
3	3	200630M1_5	Standard	1.000	5.72	184.182	3590.360	0.641	0.8	-20.5	NO	0.999	NO	bb
4	4	200630M1_6	Standard	2.000	5.70	528.598	3425.544	1.929	2.3	15.1	NO	0.999	NO	bb
5	5	200630M1_7	Standard	5.000	5.70	1326.784	3992.437	4.154	4.9	-1.9	NO	0.999	NO	bb
6	6	200630M1_8	Standard	10.000	5.70	2479.930	3165.766	9.792	11.5	15.0	NO	0.999	NO	bb
7	7	200630M1_9	Standard	50.000	5.70	12641.637	3392.168	46.584	54.4	8.9	NO	0.999	NO	bb
8	8	200630M1_10	Standard	100.000	5.70	22939.549	3415.165	83.962	97.9	-2.1	NO	0.999	NO	bb
9	9	200630M1_11	Standard	250.000	5.69	57394.547	3425.115	209.462	242.7	-2.9	NO	0.999	NO	bb
10	10	200630M1_12	Standard	500.000	5.69	103863.242	2955.368	439.299	503.5	0.7	NO	0.999	NO	bb

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999335
Calibration curve: -7.61759e-005 * x^2 + 0.665313 * x + -0.0844981
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.86	146.419	20976.156	0.087	0.3	3.3	NO	0.999	NO	bb
2	2	200630M1_4	Standard	0.500	5.87	407.951	19239.186	0.265	0.5	5.1	NO	0.999	NO	bb
3	3	200630M1_5	Standard	1.000	5.87	600.476	19502.695	0.385	0.7	-29.4	NO	0.999	NO	bb
4	4	200630M1_6	Standard	2.000	5.86	1563.447	19537.135	1.000	1.6	-18.5	NO	0.999	NO	bb
5	5	200630M1_7	Standard	5.000	5.86	5122.410	19996.387	3.202	4.9	-1.1	NO	0.999	NO	bb
6	6	200630M1_8	Standard	10.000	5.86	9412.280	20251.090	5.810	8.9	-11.3	NO	0.999	NO	bb
7	7	200630M1_9	Standard	50.000	5.85	50361.188	18769.637	33.539	50.8	1.7	NO	0.999	NO	MM
8	8	200630M1_10	Standard	100.000	5.85	98042.492	19095.986	64.177	97.7	-2.3	NO	0.999	NO	MM
9	9	200630M1_11	Standard	250.000	5.85	237114.781	17931.602	165.291	256.1	2.4	NO	0.999	NO	MM
10	10	200630M1_12	Standard	500.000	5.85	425935.438	17070.900	311.887	497.2	-0.6	NO	0.999	NO	MM

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999818
Calibration curve: -0.000815512 * x^2 + 3.13122 * x + 0.0824668
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.93	113.253	1923.895	0.736	0.2	-16.5	NO	1.000	NO	MM
2	2	200630M1_4	Standard	0.500	5.94	214.433	1700.315	1.576	0.5	-4.6	NO	1.000	NO	bb
3	3	200630M1_5	Standard	1.000	5.94	433.472	1630.417	3.323	1.0	3.5	NO	1.000	NO	MM
4	4	200630M1_6	Standard	2.000	5.93	915.671	1689.547	6.775	2.1	6.9	NO	1.000	NO	MM
5	5	200630M1_7	Standard	5.000	5.93	2490.188	1747.086	17.817	5.7	13.4	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	5.92	4605.546	1893.708	30.400	9.7	-2.9	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	5.92	22657.346	1808.531	156.600	50.7	1.3	NO	1.000	NO	MM
8	8	200630M1_10	Standard	100.000	5.92	41130.594	1702.233	302.034	99.0	-1.0	NO	1.000	NO	MM
9	9	200630M1_11	Standard	250.000	5.91	88336.406	1512.401	730.101	249.3	-0.3	NO	1.000	NO	MM
10	10	200630M1_12	Standard	500.000	5.92	143873.156	1319.337	1363.120	500.6	0.1	NO	1.000	NO	MM

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999531
Calibration curve: -0.000343817 * x^2 + 1.07396 * x + 0.0250006
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	5.94	409.229	20976.156	0.244	0.2	-18.5	NO	1.000	NO	db
2	2	200630M1_4	Standard	0.500	5.95	1102.451	19239.186	0.716	0.6	28.8	NO	1.000	NO	bb
3	3	200630M1_5	Standard	1.000	5.95	1664.031	19502.695	1.067	1.0	-3.0	NO	1.000	NO	bb
4	4	200630M1_6	Standard	2.000	5.94	3399.289	19537.135	2.175	2.0	0.2	NO	1.000	NO	bb
5	5	200630M1_7	Standard	5.000	5.93	8501.036	19996.387	5.314	4.9	-1.3	NO	1.000	NO	MM
6	6	200630M1_8	Standard	10.000	5.93	15556.708	20251.090	9.602	8.9	-10.6	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	5.93	83090.930	18769.637	55.336	52.4	4.8	NO	1.000	NO	bb
8	8	200630M1_10	Standard	100.000	5.93	160453.359	19095.986	105.031	101.0	1.0	NO	1.000	NO	bb
9	9	200630M1_11	Standard	250.000	5.93	348738.000	17931.602	243.103	245.7	-1.7	NO	1.000	NO	bb
10	10	200630M1_12	Standard	500.000	5.93	618078.313	17070.900	452.582	502.1	0.4	NO	1.000	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.995587
Calibration curve: -7.64538e-005 * x^2 + 1.16581 * x + -1.01137
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	1.250	5.81	20.856	11949.545	0.260	1.1	-12.7	NO	0.996	NO	bb
2	2	200630M1_4	Standard	2.500	5.82	105.376	11629.684	1.352	2.0	-18.9	NO	0.996	NO	bb
3	3	200630M1_5	Standard	5.000	5.83	405.778	11544.046	5.244	5.4	7.4	NO	0.996	NO	bb
4	4	200630M1_6	Standard	10.000	5.81	975.696	11352.334	12.823	11.9	18.8	NO	0.996	NO	bb
5	5	200630M1_7	Standard	25.000	5.81	2116.575	12351.806	25.567	22.8	-8.7	NO	0.996	NO	bb
6	6	200630M1_8	Standard	50.000	5.79	5128.482	12629.849	60.584	53.0	6.0	NO	0.996	NO	bb
7	7	200630M1_9	Standard	250.000	5.78	25000.127	12375.558	301.402	264.0	5.6	NO	0.996	NO	bb
8	8	200630M1_10	Standard	500.000	5.78	47467.746	11453.410	618.348	551.2	10.2	NO	0.996	NO	bb
9	9	200630M1_11	Standard	1250.000	5.78	102728.352	12625.843	1213.944	1125.2	-10.0	NO	0.996	NO	bb
10	10	200630M1_12	Standard	2500.000	5.78	190020.734	11411.885	2484.348	2562.5	2.5	NO	0.996	NO	MM

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999881
Calibration curve: -0.000424075 * x^2 + 1.05333 * x + 0.0117248
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	6.18	469.820	20976.156	0.280	0.3	1.9	NO	1.000	NO	MM
2	2	200630M1_4	Standard	0.500	6.18	784.166	19239.186	0.509	0.5	-5.5	NO	1.000	NO	bb
3	3	200630M1_5	Standard	1.000	6.18	1731.967	19502.695	1.110	1.0	4.3	NO	1.000	NO	MM
4	4	200630M1_6	Standard	2.000	6.17	3345.895	19537.135	2.141	2.0	1.1	NO	1.000	NO	MM
5	5	200630M1_7	Standard	5.000	6.18	8655.145	19996.387	5.410	5.1	2.7	NO	1.000	NO	bb
6	6	200630M1_8	Standard	10.000	6.17	16769.848	20251.090	10.351	9.9	-1.4	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	6.17	79838.641	18769.637	53.170	51.5	3.1	NO	1.000	NO	MM
8	8	200630M1_10	Standard	100.000	6.17	151836.984	19095.986	99.391	98.2	-1.8	NO	1.000	NO	MM
9	9	200630M1_11	Standard	250.000	6.16	339571.375	17931.602	236.713	249.8	-0.1	NO	1.000	NO	MM
10	10	200630M1_12	Standard	500.000	6.17	574829.125	17070.900	420.913	500.4	0.1	NO	1.000	NO	MM

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999532
Calibration curve: 1.58653e-005 * x^2 + 0.28934 * x + 0.0136573
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	6.20	96.215	14333.491	0.084	0.2	-2.9	NO	1.000	NO	bb
2	2 200630M1_4	Standard	0.500	6.20	154.212	13354.672	0.144	0.5	-9.7	NO	1.000	NO	bb
3	3 200630M1_5	Standard	1.000	6.20	319.145	12889.632	0.309	1.0	2.2	NO	1.000	NO	bb
4	4 200630M1_6	Standard	2.000	6.19	632.279	13174.321	0.600	2.0	1.3	NO	1.000	NO	bb
5	5 200630M1_7	Standard	5.000	6.19	1719.883	14116.336	1.523	5.2	4.3	NO	1.000	NO	MM
6	6 200630M1_8	Standard	10.000	6.19	3186.573	13512.388	2.948	10.1	1.4	NO	1.000	NO	MM
7	7 200630M1_9	Standard	50.000	6.19	15407.039	12888.291	14.943	51.5	2.9	NO	1.000	NO	bb
8	8 200630M1_10	Standard	100.000	6.19	30358.861	12655.427	29.986	103.0	3.0	NO	1.000	NO	MM
9	9 200630M1_11	Standard	250.000	6.18	72898.875	12838.615	70.976	242.0	-3.2	NO	1.000	NO	MM
10	10 200630M1_12	Standard	500.000	6.19	134343.922	11224.351	149.612	503.2	0.6	NO	1.000	NO	MM

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998865
Calibration curve: 3.18687e-005 * x^2 + 1.46346 * x + 0.110925
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	6.37	458.121	14333.491	0.400	0.2	-21.1	NO	0.999	NO	bb
2	2 200630M1_4	Standard	0.500	6.37	843.413	13354.672	0.789	0.5	-7.3	NO	0.999	NO	MM
3	3 200630M1_5	Standard	1.000	6.37	1733.256	12889.632	1.681	1.1	7.3	NO	0.999	NO	MM
4	4 200630M1_6	Standard	2.000	6.37	3429.405	13174.321	3.254	2.1	7.4	NO	0.999	NO	bb
5	5 200630M1_7	Standard	5.000	6.37	8989.395	14116.336	7.960	5.4	7.3	NO	0.999	NO	MM
6	6 200630M1_8	Standard	10.000	6.37	16025.930	13512.388	14.825	10.1	0.5	NO	0.999	NO	bb
7	7 200630M1_9	Standard	50.000	6.36	80515.016	12888.291	78.089	53.2	6.4	NO	0.999	NO	bb
8	8 200630M1_10	Standard	100.000	6.36	153659.172	12655.427	151.772	103.4	3.4	NO	0.999	NO	bb
9	9 200630M1_11	Standard	250.000	6.36	359360.906	12838.615	349.883	237.8	-4.9	NO	0.999	NO	bb
10	10 200630M1_12	Standard	500.000	6.37	671099.000	11224.351	747.369	505.1	1.0	NO	0.999	NO	bb

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999876
Calibration curve: -2.81646e-005 * x^2 + 0.856673 * x + 0.162765
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	1.250	6.19	144.546	17673.059	1.220	1.2	-1.2	NO	1.000	NO	bb
2	2	200630M1_4	Standard	2.500	6.19	259.652	16577.572	2.337	2.5	1.5	NO	1.000	NO	bb
3	3	200630M1_5	Standard	5.000	6.19	500.653	16731.113	4.465	5.0	0.4	NO	1.000	NO	bb
4	4	200630M1_6	Standard	10.000	6.18	911.483	16172.616	8.409	9.6	-3.7	NO	1.000	NO	MM
5	5	200630M1_7	Standard	25.000	6.18	2509.347	17263.172	21.687	25.1	0.6	NO	1.000	NO	MM
6	6	200630M1_8	Standard	50.000	6.17	5161.156	17953.748	42.890	50.0	-0.1	NO	1.000	NO	MM
7	7	200630M1_9	Standard	250.000	6.16	24562.439	16662.311	219.940	258.7	3.5	NO	1.000	NO	bb
8	8	200630M1_10	Standard	500.000	6.16	45270.254	16035.719	421.205	499.7	-0.1	NO	1.000	NO	bb
9	9	200630M1_11	Standard	1250.000	6.16	98203.195	14442.304	1014.514	1234.1	-1.3	NO	1.000	NO	bb
10	10	200630M1_12	Standard	2500.000	6.17	168165.984	12727.360	1971.372	2507.8	0.3	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999670
Calibration curve: -4.85774e-005 * x^2 + 0.620182 * x + 0.106214
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	0.250	6.65	397.448	20349.230	0.244	0.2	-11.0	NO	1.000	NO	bb
2	2	200630M1_4	Standard	0.500	6.65	594.732	18372.340	0.405	0.5	-3.8	NO	1.000	NO	MM
3	3	200630M1_5	Standard	1.000	6.65	1163.824	19383.654	0.751	1.0	3.9	NO	1.000	NO	bb
4	4	200630M1_6	Standard	2.000	6.65	2148.923	18707.215	1.436	2.1	7.2	NO	1.000	NO	bb
5	5	200630M1_7	Standard	5.000	6.65	5357.364	21351.295	3.136	4.9	-2.2	NO	1.000	NO	bb
6	6	200630M1_8	Standard	10.000	6.65	9889.595	19093.545	6.474	10.3	2.8	NO	1.000	NO	MM
7	7	200630M1_9	Standard	50.000	6.65	47650.922	18537.234	32.132	51.8	3.7	NO	1.000	NO	bb
8	8	200630M1_10	Standard	100.000	6.65	93286.766	18645.594	62.539	101.5	1.5	NO	1.000	NO	bb
9	9	200630M1_11	Standard	250.000	6.64	217334.125	18323.912	148.259	243.5	-2.6	NO	1.000	NO	bb
10	10	200630M1_12	Standard	500.000	6.65	394679.344	16462.309	299.684	502.9	0.6	NO	1.000	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999377
Calibration curve: 8.17645e-005 * x^2 + 0.778638 * x + 0.0364807
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	0.250	6.86	332.386	20349.230	0.204	0.2	-13.9	NO	0.999	NO	MM
2	2 200630M1_4	Standard	0.500	6.86	626.294	18372.340	0.426	0.5	0.1	NO	0.999	NO	MM
3	3 200630M1_5	Standard	1.000	6.86	1256.547	19383.654	0.810	1.0	-0.6	NO	0.999	NO	MM
4	4 200630M1_6	Standard	2.000	6.86	2569.897	18707.215	1.717	2.2	7.9	NO	0.999	NO	MM
5	5 200630M1_7	Standard	5.000	6.86	6594.530	21351.295	3.861	4.9	-1.8	NO	0.999	NO	MM
6	6 200630M1_8	Standard	10.000	6.86	12290.434	19093.545	8.046	10.3	2.8	NO	0.999	NO	MM
7	7 200630M1_9	Standard	50.000	6.86	62914.008	18537.234	42.424	54.1	8.3	NO	0.999	NO	MM
8	8 200630M1_10	Standard	100.000	6.86	116764.773	18645.594	78.279	99.4	-0.6	NO	0.999	NO	MM
9	9 200630M1_11	Standard	250.000	6.85	284670.125	18323.912	194.193	243.1	-2.7	NO	0.999	NO	MM
10	10 200630M1_12	Standard	500.000	6.86	543074.563	16462.309	412.362	503.0	0.6	NO	0.999	NO	MM

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.999550
Calibration curve: -1.14896e-005 * x^2 + 0.939553 * x + 0.230592
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev.	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	1.250	6.33	80.855	8668.640	1.392	1.2	-1.1	NO	1.000	NO	MM
2	2 200630M1_4	Standard	2.500	6.33	146.823	8201.921	2.671	2.6	3.9	NO	1.000	NO	bb
3	3 200630M1_5	Standard	5.000	6.33	251.424	7824.641	4.794	4.9	-2.9	NO	1.000	NO	MM
4	4 200630M1_6	Standard	10.000	6.33	545.539	8415.002	9.673	10.1	0.5	NO	1.000	NO	bb
5	5 200630M1_7	Standard	25.000	6.33	1432.144	9226.553	23.159	24.4	-2.4	NO	1.000	NO	MM
6	6 200630M1_8	Standard	50.000	6.33	3238.704	10596.697	45.600	48.3	-3.4	NO	1.000	NO	MM
7	7 200630M1_9	Standard	250.000	6.33	17360.207	10305.034	251.347	268.2	7.3	NO	1.000	NO	MM
8	8 200630M1_10	Standard	500.000	6.33	31698.742	10157.582	465.608	498.4	-0.3	NO	1.000	NO	MM
9	9 200630M1_11	Standard	1250.000	6.33	82625.102	10881.842	1132.866	1223.8	-2.1	NO	1.000	NO	MM
10	10 200630M1_12	Standard	2500.000	6.33	152240.359	9928.090	2287.878	2512.0	0.5	NO	1.000	NO	MM

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Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999005
Calibration curve: -0.000136232 * x^2 + 1.18271 * x + -0.964306
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	1.250	6.48	101.193	10181.388	1.483	2.1	65.6	YES	0.999	NO	MMX
2	2 200630M1_4	Standard	2.500	6.48	195.975	8544.517	3.422	3.7	48.4	YES	0.999	NO	MMX
3	3 200630M1_5	Standard	5.000	6.47	241.843	9470.314	3.810	4.0	-19.2	NO	0.999	NO	bb
4	4 200630M1_6	Standard	10.000	6.48	796.300	8514.438	13.954	12.6	26.3	NO	0.999	NO	MM
5	5 200630M1_7	Standard	25.000	6.47	1911.173	10006.183	28.497	25.0	-0.1	NO	0.999	NO	MM
6	6 200630M1_8	Standard	50.000	6.48	3905.917	11088.319	52.556	45.5	-9.0	NO	0.999	NO	MM
7	7 200630M1_9	Standard	250.000	6.48	21314.621	10780.165	294.999	257.9	3.2	NO	0.999	NO	MM
8	8 200630M1_10	Standard	500.000	6.48	40405.375	10964.427	549.822	493.8	-1.2	NO	0.999	NO	MM
9	9 200630M1_11	Standard	1250.000	6.47	101256.570	11937.086	1265.592	1251.2	0.1	NO	0.999	NO	MM
10	10 200630M1_12	Standard	2500.000	6.48	189731.109	10597.809	2671.107			NO	0.999	NO	MMXI

Compound name: 13C3-PFBA-EIS
Response Factor: 371.472
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	1.65	5007.527		5007.527	13.5	7.8	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	1.65	4400.792		4400.792	11.8	-5.2	NO		NO	MMX
3	3 200630M1_5	Standard	12.500	1.65	4460.130		4460.130	12.0	-3.9	NO		NO	MMX
4	4 200630M1_6	Standard	12.500	1.65	4484.785		4484.785	12.1	-3.4	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	1.64	4752.850		4752.850	12.8	2.4	NO		NO	bbX
6	6 200630M1_8	Standard	12.500	1.61	4643.400		4643.400	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	1.60	4688.677		4688.677	12.6	1.0	NO		NO	MMX
8	8 200630M1_10	Standard	12.500	1.60	4554.410		4554.410	12.3	-1.9	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	1.60	4637.918		4637.918	12.5	-0.1	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	1.60	4447.321		4447.321	12.0	-4.2	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.669063
RRF SD: 0.0254356, Relative SD: 3.80168
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	1.65	5007.302	6816.198	9.183	13.7	9.8	NO		NO	MM
2	2 200630M1_4	Standard	12.500	1.65	4382.604	6781.732	8.078	12.1	-3.4	NO		NO	MM
3	3 200630M1_5	Standard	12.500	1.65	4439.498	6889.053	8.055	12.0	-3.7	NO		NO	MM
4	4 200630M1_6	Standard	12.500	1.65	4477.508	6824.761	8.201	12.3	-1.9	NO		NO	MM
5	5 200630M1_7	Standard	12.500	1.64	4752.850	7022.367	8.460	12.6	1.2	NO		NO	bb
6	6 200630M1_8	Standard	12.500	1.61	4641.655	6968.188	8.327	12.4	-0.4	NO		NO	MM
7	7 200630M1_9	Standard	12.500	1.60	4656.500	7063.159	8.241	12.3	-1.5	NO		NO	MM
8	8 200630M1_10	Standard	12.500	1.60	4529.280	6793.975	8.333	12.5	-0.4	NO		NO	MM
9	9 200630M1_11	Standard	12.500	1.60	4634.655	6969.951	8.312	12.4	-0.6	NO		NO	MM
10	10 200630M1_12	Standard	12.500	1.60	4426.504	6553.238	8.443	12.6	1.0	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 440.123
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	2.64	6215.865		6215.865	14.1	13.0	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	2.64	5527.329		5527.329	12.6	0.5	NO		NO	MMX
3	3 200630M1_5	Standard	12.500	2.63	5437.283		5437.283	12.4	-1.2	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	2.64	5555.551		5555.551	12.6	1.0	NO		NO	bbX
5	5 200630M1_7	Standard	12.500	2.64	5928.046		5928.046	13.5	7.8	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	2.61	5501.541		5501.541	12.5	0.0	NO		NO	bb
7	7 200630M1_9	Standard	12.500	2.60	5457.998		5457.998	12.4	-0.8	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	2.59	5459.410		5459.410	12.4	-0.8	NO		NO	bbX
9	9 200630M1_11	Standard	12.500	2.60	5119.802		5119.802	11.6	-6.9	NO		NO	bbX
10	10 200630M1_12	Standard	12.500	2.59	4840.076		4840.076	11.0	-12.0	NO		NO	bbX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.46165
RRF SD: 0.0244819, Relative SD: 5.30314
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	2.64	6216.164	11951.737	6.501	14.1	12.7	NO		NO	MM
2	2 200630M1_4	Standard	12.500	2.64	5525.634	11881.911	5.813	12.6	0.7	NO		NO	MM
3	3 200630M1_5	Standard	12.500	2.63	5437.283	12325.126	5.514	11.9	-4.4	NO		NO	bb
4	4 200630M1_6	Standard	12.500	2.64	5555.551	12695.986	5.470	11.8	-5.2	NO		NO	bb
5	5 200630M1_7	Standard	12.500	2.64	5926.647	13288.092	5.575	12.1	-3.4	NO		NO	MM
6	6 200630M1_8	Standard	12.500	2.61	5501.541	12065.585	5.700	12.3	-1.2	NO		NO	bb
7	7 200630M1_9	Standard	12.500	2.60	5457.998	12143.979	5.618	12.2	-2.6	NO		NO	bb
8	8 200630M1_10	Standard	12.500	2.59	5459.410	11557.290	5.905	12.8	2.3	NO		NO	bb
9	9 200630M1_11	Standard	12.500	2.60	5119.802	11375.244	5.626	12.2	-2.5	NO		NO	bb
10	10 200630M1_12	Standard	12.500	2.59	4846.468	10123.639	5.984	13.0	3.7	NO		NO	bb

Compound name: 13C3-PFBS-EIS
Response Factor: 108.31
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	2.92	1368.189		1368.189	12.6	1.1	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	2.92	1306.852		1306.852	12.1	-3.5	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	2.91	1307.923		1307.923	12.1	-3.4	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	2.91	1358.808		1358.808	12.5	0.4	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	2.91	1557.237		1557.237	14.4	15.0	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	2.88	1353.879		1353.879	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	2.88	1398.992		1398.992	12.9	3.3	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	2.88	1297.346		1297.346	12.0	-4.2	NO		NO	bbX
9	9 200630M1_11	Standard	12.500	2.88	1295.611		1295.611	12.0	-4.3	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	2.87	1082.346		1082.346	10.0	-20.1	NO		NO	bbX

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Compound name: 13C3-PFBS-RSD
Response Factor: 0.77224
RRF SD: 0.0457435, Relative SD: 5.92348
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	2.92	1368.532	1616.258	10.584	13.7	9.6	NO		NO	MM
2	2 200630M1_4	Standard	12.500	2.92	1306.852	1837.709	8.889	11.5	-7.9	NO		NO	bb
3	3 200630M1_5	Standard	12.500	2.91	1307.923	1725.290	9.476	12.3	-1.8	NO		NO	bb
4	4 200630M1_6	Standard	12.500	2.91	1360.153	1684.486	10.093	13.1	4.6	NO		NO	MM
5	5 200630M1_7	Standard	12.500	2.91	1556.703	2054.186	9.473	12.3	-1.9	NO		NO	MM
6	6 200630M1_8	Standard	12.500	2.88	1353.850	1728.419	9.791	12.7	1.4	NO		NO	MM
7	7 200630M1_9	Standard	12.500	2.88	1398.992	1847.202	9.467	12.3	-1.9	NO		NO	bb
8	8 200630M1_10	Standard	12.500	2.88	1297.346	1740.326	9.318	12.1	-3.5	NO		NO	bb
9	9 200630M1_11	Standard	12.500	2.88	1297.555	1552.517	10.447	13.5	8.2	NO		NO	MM
10	10 200630M1_12	Standard	12.500	2.87	1082.346	1504.737	8.991	11.6	-6.9	NO		NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 70.9164
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	3.65	1192.755		1192.755	16.8	34.6	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	3.65	954.450		954.450	13.5	7.7	NO		NO	MMX
3	3 200630M1_5	Standard	12.500	3.64	1077.979		1077.979	15.2	21.6	NO		NO	MMX
4	4 200630M1_6	Standard	12.500	3.64	1026.224		1026.224	14.5	15.8	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	3.64	1081.469		1081.469	15.2	22.0	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	3.61	886.455		886.455	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	3.61	854.115		854.115	12.0	-3.6	NO		NO	MMX
8	8 200630M1_10	Standard	12.500	3.61	922.164		922.164	13.0	4.0	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	3.61	794.285		794.285	11.2	-10.4	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	3.60	708.637		708.637	10.0	-20.1	NO		NO	MMX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.0788152
RRF SD: 0.00929746, Relative SD: 11.7965
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	3.65	1188.390	11951.737	1.243	15.8	26.2	NO		NO	MM
2	2 200630M1_4	Standard	12.500	3.65	945.602	11881.911	0.995	12.6	1.0	NO		NO	bb
3	3 200630M1_5	Standard	12.500	3.64	1066.809	12325.126	1.082	13.7	9.8	NO		NO	bb
4	4 200630M1_6	Standard	12.500	3.64	1015.246	12695.986	1.000	12.7	1.5	NO		NO	bb
5	5 200630M1_7	Standard	12.500	3.64	1079.813	13288.092	1.016	12.9	3.1	NO		NO	bb
6	6 200630M1_8	Standard	12.500	3.61	877.046	12065.585	0.909	11.5	-7.8	NO		NO	bb
7	7 200630M1_9	Standard	12.500	3.61	850.722	12143.979	0.876	11.1	-11.1	NO		NO	bb
8	8 200630M1_10	Standard	12.500	3.61	918.105	11557.290	0.993	12.6	0.8	NO		NO	bb
9	9 200630M1_11	Standard	12.500	3.61	789.923	11375.244	0.868	11.0	-11.9	NO		NO	bb
10	10 200630M1_12	Standard	12.500	3.60	705.908	10123.639	0.872	11.1	-11.5	NO		NO	MM

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 189.84
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	3.35	2279.226		2279.226	12.0	-4.0	NO		NO	bbX
2	2 200630M1_4	Standard	12.500	3.35	2180.909		2180.909	11.5	-8.1	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	3.35	2254.937		2254.937	11.9	-5.0	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	3.35	2311.458		2311.458	12.2	-2.6	NO		NO	bbX
5	5 200630M1_7	Standard	12.500	3.35	2448.935		2448.935	12.9	3.2	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	3.32	2373.006		2373.006	12.5	0.0	NO		NO	bb
7	7 200630M1_9	Standard	12.500	3.32	2176.211		2176.211	11.5	-8.3	NO		NO	MMX
8	8 200630M1_10	Standard	12.500	3.32	1968.496		1968.496	10.4	-17.0	NO		NO	bbX
9	9 200630M1_11	Standard	12.500	3.32	1782.346		1782.346	9.4	-24.9	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	3.32	1636.384		1636.384	8.6	-31.0	NO		NO	MMX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.23872
RRF SD: 0.115993, Relative SD: 9.36394
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	3.35	2279.226	1616.258	17.627	14.2	13.8	NO		NO	bb
2	2	200630M1_4	Standard	12.500	3.35	2180.909	1837.709	14.834	12.0	-4.2	NO		NO	bb
3	3	200630M1_5	Standard	12.500	3.35	2254.937	1725.290	16.337	13.2	5.5	NO		NO	bb
4	4	200630M1_6	Standard	12.500	3.35	2311.458	1684.486	17.153	13.8	10.8	NO		NO	bb
5	5	200630M1_7	Standard	12.500	3.35	2451.835	2054.186	14.920	12.0	-3.6	NO		NO	MM
6	6	200630M1_8	Standard	12.500	3.32	2373.006	1728.419	17.162	13.9	10.8	NO		NO	bb
7	7	200630M1_9	Standard	12.500	3.32	2178.778	1847.202	14.744	11.9	-4.8	NO		NO	MM
8	8	200630M1_10	Standard	12.500	3.32	1968.496	1740.326	14.139	11.4	-8.7	NO		NO	bb
9	9	200630M1_11	Standard	12.500	3.32	1779.783	1552.517	14.330	11.6	-7.5	NO		NO	MM
10	10	200630M1_12	Standard	12.500	3.32	1636.510	1504.737	13.595	11.0	-12.2	NO		NO	MM

Compound name: 13C2-PFHxA-EIS
Response Factor: 775.415
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	3.44	10973.281		10973.281	14.2	13.2	NO		NO	bbX
2	2	200630M1_4	Standard	12.500	3.44	9736.711		9736.711	12.6	0.5	NO		NO	bbX
3	3	200630M1_5	Standard	12.500	3.43	9479.789		9479.789	12.2	-2.2	NO		NO	MMX
4	4	200630M1_6	Standard	12.500	3.43	9923.380		9923.380	12.8	2.4	NO		NO	bbX
5	5	200630M1_7	Standard	12.500	3.43	10461.313		10461.313	13.5	7.9	NO		NO	MMX
6	6	200630M1_8	Standard	12.500	3.41	9692.693		9692.693	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	3.41	9806.148		9806.148	12.6	1.2	NO		NO	bbX
8	8	200630M1_10	Standard	12.500	3.40	9431.409		9431.409	12.2	-2.7	NO		NO	MMX
9	9	200630M1_11	Standard	12.500	3.41	8801.755		8801.755	11.4	-9.2	NO		NO	bbX
10	10	200630M1_12	Standard	12.500	3.40	8004.046		8004.046	10.3	-17.4	NO		NO	MMX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.806647
RRF SD: 0.044204, Relative SD: 5.47997
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	3.44	11019.854	11951.737	11.525	14.3	14.3	NO		NO	bb
2	2	200630M1_4	Standard	12.500	3.44	9736.711	11881.911	10.243	12.7	1.6	NO		NO	bb
3	3	200630M1_5	Standard	12.500	3.43	9438.753	12325.126	9.573	11.9	-5.1	NO		NO	MM
4	4	200630M1_6	Standard	12.500	3.43	9923.380	12695.986	9.770	12.1	-3.1	NO		NO	bb
5	5	200630M1_7	Standard	12.500	3.43	10458.528	13288.092	9.838	12.2	-2.4	NO		NO	MM
6	6	200630M1_8	Standard	12.500	3.41	9692.693	12065.585	10.042	12.4	-0.4	NO		NO	bb
7	7	200630M1_9	Standard	12.500	3.41	9806.148	12143.979	10.094	12.5	0.1	NO		NO	bb
8	8	200630M1_10	Standard	12.500	3.40	9424.067	11557.290	10.193	12.6	1.1	NO		NO	MM
9	9	200630M1_11	Standard	12.500	3.41	8801.755	11375.244	9.672	12.0	-4.1	NO		NO	bb
10	10	200630M1_12	Standard	12.500	3.40	8002.590	10123.639	9.881	12.2	-2.0	NO		NO	MM

Compound name: 13C4-PFHpA-EIS
Response Factor: 449.866
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.04	6294.533		6294.533	14.0	11.9	NO		NO	bbX
2	2	200630M1_4	Standard	12.500	4.04	6071.437		6071.437	13.5	8.0	NO		NO	MMX
3	3	200630M1_5	Standard	12.500	4.03	5967.751		5967.751	13.3	6.1	NO		NO	bbX
4	4	200630M1_6	Standard	12.500	4.04	5831.952		5831.952	13.0	3.7	NO		NO	bbX
5	5	200630M1_7	Standard	12.500	4.03	5858.132		5858.132	13.0	4.2	NO		NO	MMX
6	6	200630M1_8	Standard	12.500	4.01	5623.326		5623.326	12.5	0.0	NO		NO	MM
7	7	200630M1_9	Standard	12.500	4.01	5487.325		5487.325	12.2	-2.4	NO		NO	MMX
8	8	200630M1_10	Standard	12.500	4.01	5314.448		5314.448	11.8	-5.5	NO		NO	bbX
9	9	200630M1_11	Standard	12.500	4.01	4803.239		4803.239	10.7	-14.6	NO		NO	bbX
10	10	200630M1_12	Standard	12.500	4.00	4413.557		4413.557	9.8	-21.5	NO		NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.46573
RRF SD: 0.032826, Relative SD: 7.04829
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	4.04	6294.533	11951.737	6.583	14.1	13.1	NO		NO	bb
2	2 200630M1_4	Standard	12.500	4.04	6062.509	11881.911	6.378	13.7	9.6	NO		NO	MM
3	3 200630M1_5	Standard	12.500	4.03	5967.751	12325.126	6.052	13.0	4.0	NO		NO	bb
4	4 200630M1_6	Standard	12.500	4.04	5831.952	12695.986	5.742	12.3	-1.4	NO		NO	bb
5	5 200630M1_7	Standard	12.500	4.03	5854.763	13288.092	5.508	11.8	-5.4	NO		NO	MM
6	6 200630M1_8	Standard	12.500	4.01	5621.617	12065.585	5.824	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	4.01	5492.439	12143.979	5.653	12.1	-2.9	NO		NO	MM
8	8 200630M1_10	Standard	12.500	4.01	5314.448	11557.290	5.748	12.3	-1.3	NO		NO	bb
9	9 200630M1_11	Standard	12.500	4.01	4803.239	11375.244	5.278	11.3	-9.3	NO		NO	bb
10	10 200630M1_12	Standard	12.500	4.00	4413.557	10123.639	5.450	11.7	-6.4	NO		NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 253.746
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	4.18	3109.579		3109.579	12.3	-2.0	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	4.18	3072.606		3072.606	12.1	-3.1	NO		NO	MMX
3	3 200630M1_5	Standard	12.500	4.17	3158.846		3158.846	12.4	-0.4	NO		NO	MMX
4	4 200630M1_6	Standard	12.500	4.18	3122.190		3122.190	12.3	-1.6	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	4.17	3422.269		3422.269	13.5	7.9	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	4.16	3171.831		3171.831	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	4.15	3128.170		3128.170	12.3	-1.4	NO		NO	MMX
8	8 200630M1_10	Standard	12.500	4.15	3068.655		3068.655	12.1	-3.3	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	4.16	2964.480		2964.480	11.7	-6.5	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	4.15	2805.391		2805.391	11.1	-11.6	NO		NO	MMX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 1.77721
RRF SD: 0.10554, Relative SD: 5.93852
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.18	3069.500	1616.258	23.739	13.4	6.9	NO		NO	bb
2	2	200630M1_4	Standard	12.500	4.18	3046.691	1837.709	20.723	11.7	-6.7	NO		NO	bb
3	3	200630M1_5	Standard	12.500	4.17	3127.582	1725.290	22.660	12.8	2.0	NO		NO	bb
4	4	200630M1_6	Standard	12.500	4.18	3116.515	1684.486	23.127	13.0	4.1	NO		NO	MM
5	5	200630M1_7	Standard	12.500	4.17	3340.323	2054.186	20.326	11.4	-8.5	NO		NO	bb
6	6	200630M1_8	Standard	12.500	4.16	3051.171	1728.419	22.066	12.4	-0.7	NO		NO	bb
7	7	200630M1_9	Standard	12.500	4.15	3036.482	1847.202	20.548	11.6	-7.5	NO		NO	bb
8	8	200630M1_10	Standard	12.500	4.15	3047.816	1740.326	21.891	12.3	-1.5	NO		NO	bb
9	9	200630M1_11	Standard	12.500	4.16	2954.493	1552.517	23.788	13.4	7.1	NO		NO	bb
10	10	200630M1_12	Standard	12.500	4.15	2802.694	1504.737	23.282	13.1	4.8	NO		NO	MM

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 112.797
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.50	1999.299		1999.299	17.7	41.8	NO		NO	bbX
2	2	200630M1_4	Standard	12.500	4.50	1787.434		1787.434	15.8	26.8	NO		NO	bbX
3	3	200630M1_5	Standard	12.500	4.49	1851.293		1851.293	16.4	31.3	NO		NO	bbX
4	4	200630M1_6	Standard	12.500	4.50	1698.765		1698.765	15.1	20.5	NO		NO	MMX
5	5	200630M1_7	Standard	12.500	4.49	1936.844		1936.844	17.2	37.4	NO		NO	bbX
6	6	200630M1_8	Standard	12.500	4.48	1409.960		1409.960	12.5	0.0	NO		NO	MM
7	7	200630M1_9	Standard	12.500	4.47	2014.166		2014.166	17.9	42.9	NO		NO	MMX
8	8	200630M1_10	Standard	12.500	4.47	1558.536		1558.536	13.8	10.5	NO		NO	bbX
9	9	200630M1_11	Standard	12.500	4.47	1781.939		1781.939	15.8	26.4	NO		NO	bbX
10	10	200630M1_12	Standard	12.500	4.47	1652.075		1652.075	14.6	17.2	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.521187
RRF SD: 0.0673518, Relative SD: 12.9228
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	4.50	1999.299	3282.412	7.614	14.6	16.9	NO		NO	bb
2	2 200630M1_4	Standard	12.500	4.50	1787.434	3544.583	6.303	12.1	-3.2	NO		NO	bb
3	3 200630M1_5	Standard	12.500	4.49	1851.293	3391.415	6.823	13.1	4.7	NO		NO	bb
4	4 200630M1_6	Standard	12.500	4.50	1695.566	3713.265	5.708	11.0	-12.4	NO		NO	MM
5	5 200630M1_7	Standard	12.500	4.49	1936.844	3681.835	6.576	12.6	0.9	NO		NO	bb
6	6 200630M1_8	Standard	12.500	4.48	1410.159	3468.856	5.081	9.7	-22.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	4.47	2014.546	3259.841	7.725	14.8	18.6	NO		NO	MM
8	8 200630M1_10	Standard	12.500	4.47	1558.536	3368.777	5.783	11.1	-11.2	NO		NO	bb
9	9 200630M1_11	Standard	12.500	4.47	1781.939	3450.484	6.455	12.4	-0.9	NO		NO	bb
10	10 200630M1_12	Standard	12.500	4.47	1652.075	2916.949	7.080	13.6	8.7	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 780.691
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	4.99	10463.004		10463.004	13.4	7.2	NO		NO	bbX
2	2 200630M1_4	Standard	12.500	4.99	10338.640		10338.640	13.2	5.9	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	4.99	9789.475		9789.475	12.5	0.3	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	4.98	9511.638		9511.638	12.2	-2.5	NO		NO	bbX
5	5 200630M1_7	Standard	12.500	4.97	10152.364		10152.364	13.0	4.0	NO		NO	bbX
6	6 200630M1_8	Standard	12.500	4.96	9758.637		9758.637	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	4.96	9406.931		9406.931	12.0	-3.6	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	4.96	8954.309		8954.309	11.5	-8.2	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	4.96	8428.288		8428.288	10.8	-13.6	NO		NO	bbX
10	10 200630M1_12	Standard	12.500	4.95	7574.919		7574.919	9.7	-22.4	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.887111
RRF SD: 0.0672632, Relative SD: 7.58227
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	4.99	10463.004	10399.454	12.576	14.2	13.4	NO		NO	bb
2	2 200630M1_4	Standard	12.500	4.99	10338.640	12089.467	10.690	12.1	-3.6	NO		NO	bb
3	3 200630M1_5	Standard	12.500	4.99	9789.475	11511.193	10.630	12.0	-4.1	NO		NO	bb
4	4 200630M1_6	Standard	12.500	4.98	9511.638	10335.401	11.504	13.0	3.7	NO		NO	bb
5	5 200630M1_7	Standard	12.500	4.97	10152.364	10246.190	12.386	14.0	11.7	NO		NO	bb
6	6 200630M1_8	Standard	12.500	4.96	9778.569	11081.110	11.031	12.4	-0.5	NO		NO	MM
7	7 200630M1_9	Standard	12.500	4.96	9406.931	10841.203	10.846	12.2	-2.2	NO		NO	bb
8	8 200630M1_10	Standard	12.500	4.96	8958.689	10242.171	10.934	12.3	-1.4	NO		NO	MM
9	9 200630M1_11	Standard	12.500	4.96	8428.288	10204.246	10.324	11.6	-6.9	NO		NO	bb
10	10 200630M1_12	Standard	12.500	4.95	7574.919	9498.913	9.968	11.2	-10.1	NO		NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 518.479
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.03	5145.337		5145.337	9.9	-20.6	NO		NO	bbX
2	2 200630M1_4	Standard	12.500	5.03	4008.511		4008.511	7.7	-38.1	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	5.03	4870.802		4870.802	9.4	-24.8	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	5.02	4787.847		4787.847	9.2	-26.1	NO		NO	bbX
5	5 200630M1_7	Standard	12.500	5.01	5934.405		5934.405	11.4	-8.4	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	5.00	6480.987		6480.987	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.00	6755.844		6755.844	13.0	4.2	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	5.00	6605.746		6605.746	12.7	1.9	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	5.00	5937.332		5937.332	11.5	-8.4	NO		NO	bbX
10	10 200630M1_12	Standard	12.500	5.00	5688.417		5688.417	11.0	-12.2	NO		NO	MMX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.282517
RRF SD: 0.0517131, Relative SD: 18.3044
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.03	5145.337	19686.820	3.267	11.6	-7.5	NO		NO	bb
2	2	200630M1_4	Standard	12.500	5.03	4008.511	20146.631	2.487	8.8	-29.6	NO		NO	bb
3	3	200630M1_5	Standard	12.500	5.03	4870.802	21561.320	2.824	10.0	-20.0	NO		NO	bb
4	4	200630M1_6	Standard	12.500	5.02	4787.847	20503.545	2.919	10.3	-17.3	NO		NO	bb
5	5	200630M1_7	Standard	12.500	5.01	5928.943	21752.996	3.407	12.1	-3.5	NO		NO	MM
6	6	200630M1_8	Standard	12.500	5.00	6487.197	20945.250	3.872	13.7	9.6	NO		NO	MM
7	7	200630M1_9	Standard	12.500	5.00	6755.844	20174.303	4.186	14.8	18.5	NO		NO	bb
8	8	200630M1_10	Standard	12.500	5.00	6613.899	20614.055	4.011	14.2	13.6	NO		NO	MM
9	9	200630M1_11	Standard	12.500	5.00	5937.332	18881.184	3.931	13.9	11.3	NO		NO	bb
10	10	200630M1_12	Standard	12.500	5.00	5710.975	16179.680	4.412	15.6	24.9	NO		NO	MM

Compound name: 13C2-PFOA-EIS
Response Factor: 1032.55
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.55	13808.325		13808.325	13.4	7.0	NO		NO	bbX
2	2	200630M1_4	Standard	12.500	4.55	12981.710		12981.710	12.6	0.6	NO		NO	bbX
3	3	200630M1_5	Standard	12.500	4.54	12698.265		12698.265	12.3	-1.6	NO		NO	bbX
4	4	200630M1_6	Standard	12.500	4.55	12616.745		12616.745	12.2	-2.2	NO		NO	MMX
5	5	200630M1_7	Standard	12.500	4.54	13357.924		13357.924	12.9	3.5	NO		NO	bbX
6	6	200630M1_8	Standard	12.500	4.53	12906.853		12906.853	12.5	0.0	NO		NO	MM
7	7	200630M1_9	Standard	12.500	4.53	12261.465		12261.465	11.9	-5.0	NO		NO	MMX
8	8	200630M1_10	Standard	12.500	4.53	11745.676		11745.676	11.4	-9.0	NO		NO	MMX
9	9	200630M1_11	Standard	12.500	4.53	11010.551		11010.551	10.7	-14.7	NO		NO	MMX
10	10	200630M1_12	Standard	12.500	4.52	9201.981		9201.981	8.9	-28.7	NO		NO	MMX

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Compound name: 13C2-PFOA-RSD
Response Factor: 0.619878
RRF SD: 0.0355442, Relative SD: 5.73407
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.55	13808.325	19439.828	8.879	14.3	14.6	NO		NO	bb
2	2	200630M1_4	Standard	12.500	4.55	12981.710	21006.412	7.725	12.5	-0.3	NO		NO	bb
3	3	200630M1_5	Standard	12.500	4.54	12733.980	20782.201	7.659	12.4	-1.2	NO		NO	bb
4	4	200630M1_6	Standard	12.500	4.55	12569.395	20037.166	7.841	12.6	1.2	NO		NO	MM
5	5	200630M1_7	Standard	12.500	4.54	13378.204	22917.410	7.297	11.8	-5.8	NO		NO	MM
6	6	200630M1_8	Standard	12.500	4.53	12909.394	20632.248	7.821	12.6	0.9	NO		NO	MM
7	7	200630M1_9	Standard	12.500	4.53	12262.581	20175.398	7.597	12.3	-1.9	NO		NO	MM
8	8	200630M1_10	Standard	12.500	4.53	11736.762	18847.295	7.784	12.6	0.5	NO		NO	MM
9	9	200630M1_11	Standard	12.500	4.53	11010.598	18081.645	7.612	12.3	-1.8	NO		NO	MM
10	10	200630M1_12	Standard	12.500	4.52	9199.376	15819.215	7.269	11.7	-6.2	NO		NO	MM

Compound name: 13C2-FOUEA-EIS
Response Factor: 1835.23
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.05	21325.334		21325.334	11.6	-7.0	NO		NO	MMX
2	2	200630M1_4	Standard	12.500	5.05	20339.293		20339.293	11.1	-11.3	NO		NO	MMX
3	3	200630M1_5	Standard	12.500	5.06	21745.314		21745.314	11.8	-5.2	NO		NO	MMX
4	4	200630M1_6	Standard	12.500	5.05	20526.389		20526.389	11.2	-10.5	NO		NO	MMX
5	5	200630M1_7	Standard	12.500	5.04	22817.303		22817.303	12.4	-0.5	NO		NO	MMX
6	6	200630M1_8	Standard	12.500	5.03	22940.379		22940.379	12.5	0.0	NO		NO	MM
7	7	200630M1_9	Standard	12.500	5.03	22473.328		22473.328	12.2	-2.0	NO		NO	MMX
8	8	200630M1_10	Standard	12.500	5.03	21771.668		21771.668	11.9	-5.1	NO		NO	MMX
9	9	200630M1_11	Standard	12.500	5.03	20466.795		20466.795	11.2	-10.8	NO		NO	MMX
10	10	200630M1_12	Standard	12.500	5.03	18295.238		18295.238	10.0	-20.2	NO		NO	MMX

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Compound name: 13C2-FOUEA-RSD
Response Factor: 1.08401
RRF SD: 0.0661025, Relative SD: 6.09795
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.05	21390.168	19439.828	13.754	12.7	1.5	NO		NO	MM
2	2 200630M1_4	Standard	12.500	5.05	20692.215	21006.412	12.313	11.4	-9.1	NO		NO	MM
3	3 200630M1_5	Standard	12.500	5.06	21742.764	20782.201	13.078	12.1	-3.5	NO		NO	MM
4	4 200630M1_6	Standard	12.500	5.05	20590.496	20037.166	12.845	11.8	-5.2	NO		NO	MM
5	5 200630M1_7	Standard	12.500	5.04	22834.209	22917.410	12.455	11.5	-8.1	NO		NO	MM
6	6 200630M1_8	Standard	12.500	5.03	23183.705	20632.248	14.046	13.0	3.7	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.03	22191.225	20175.398	13.749	12.7	1.5	NO		NO	MM
8	8 200630M1_10	Standard	12.500	5.03	21793.383	18847.295	14.454	13.3	6.7	NO		NO	MM
9	9 200630M1_11	Standard	12.500	5.03	20525.770	18081.645	14.190	13.1	4.7	NO		NO	MM
10	10 200630M1_12	Standard	12.500	5.03	18500.256	15819.215	14.619	13.5	7.9	NO		NO	MM

Compound name: 13C8-PFOS-EIS
Response Factor: 253.261
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.06	3917.250		3917.250	15.5	23.7	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	5.06	3529.273		3529.273	13.9	11.5	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	5.07	3590.360		3590.360	14.2	13.4	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	5.05	3425.544		3425.544	13.5	8.2	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	5.05	3992.437		3992.437	15.8	26.1	NO		NO	bbX
6	6 200630M1_8	Standard	12.500	5.04	3165.766		3165.766	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.04	3392.168		3392.168	13.4	7.2	NO		NO	MMX
8	8 200630M1_10	Standard	12.500	5.04	3415.165		3415.165	13.5	7.9	NO		NO	bbX
9	9 200630M1_11	Standard	12.500	5.04	3425.115		3425.115	13.5	8.2	NO		NO	bbX
10	10 200630M1_12	Standard	12.500	5.03	2955.368		2955.368	11.7	-6.6	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 1.023
RRF SD: 0.0811349, Relative SD: 7.93104
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.06	3917.159	3282.412	14.917	14.6	16.7	NO		NO	MM
2	2	200630M1_4	Standard	12.500	5.06	3529.273	3544.583	12.446	12.2	-2.7	NO		NO	bb
3	3	200630M1_5	Standard	12.500	5.07	3590.360	3391.415	13.233	12.9	3.5	NO		NO	bb
4	4	200630M1_6	Standard	12.500	5.05	3415.893	3713.265	11.499	11.2	-10.1	NO		NO	MM
5	5	200630M1_7	Standard	12.500	5.05	3992.437	3681.835	13.555	13.2	6.0	NO		NO	bb
6	6	200630M1_8	Standard	12.500	5.04	3165.756	3468.856	11.408	11.2	-10.8	NO		NO	MM
7	7	200630M1_9	Standard	12.500	5.04	3409.256	3259.841	13.073	12.8	2.2	NO		NO	MM
8	8	200630M1_10	Standard	12.500	5.04	3415.165	3368.777	12.672	12.4	-0.9	NO		NO	bb
9	9	200630M1_11	Standard	12.500	5.04	3425.115	3450.484	12.408	12.1	-3.0	NO		NO	bb
10	10	200630M1_12	Standard	12.500	5.03	2955.368	2916.949	12.665	12.4	-1.0	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 863.274
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.35	12056.381		12056.381	14.0	11.7	NO		NO	bbX
2	2	200630M1_4	Standard	12.500	5.35	11209.970		11209.970	13.0	3.9	NO		NO	bbX
3	3	200630M1_5	Standard	12.500	5.36	11003.589		11003.589	12.7	2.0	NO		NO	MMX
4	4	200630M1_6	Standard	12.500	5.34	11388.665		11388.665	13.2	5.5	NO		NO	MMX
5	5	200630M1_7	Standard	12.500	5.34	11028.365		11028.365	12.8	2.2	NO		NO	MMX
6	6	200630M1_8	Standard	12.500	5.33	10790.929		10790.929	12.5	0.0	NO		NO	MM
7	7	200630M1_9	Standard	12.500	5.33	10943.270		10943.270	12.7	1.4	NO		NO	bbX
8	8	200630M1_10	Standard	12.500	5.33	9741.366		9741.366	11.3	-9.7	NO		NO	bbX
9	9	200630M1_11	Standard	12.500	5.33	9527.780		9527.780	11.0	-11.7	NO		NO	MMX
10	10	200630M1_12	Standard	12.500	5.33	9203.669		9203.669	10.7	-14.7	NO		NO	MMX

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Compound name: 13C2-PFDA-RSD
Response Factor: 0.747401
RRF SD: 0.036956, Relative SD: 4.9446
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.35	12056.381	15484.477	9.733	13.0	4.2	NO		NO	bb
2	2 200630M1_4	Standard	12.500	5.35	11209.970	15230.344	9.200	12.3	-1.5	NO		NO	bb
3	3 200630M1_5	Standard	12.500	5.36	10993.716	15347.081	8.954	12.0	-4.2	NO		NO	MM
4	4 200630M1_6	Standard	12.500	5.34	11390.695	15476.843	9.200	12.3	-1.5	NO		NO	MM
5	5 200630M1_7	Standard	12.500	5.34	11030.758	15063.098	9.154	12.2	-2.0	NO		NO	MM
6	6 200630M1_8	Standard	12.500	5.33	10788.817	14752.417	9.142	12.2	-2.2	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.33	10943.270	14225.789	9.616	12.9	2.9	NO		NO	bb
8	8 200630M1_10	Standard	12.500	5.33	9741.366	13199.351	9.225	12.3	-1.3	NO		NO	bb
9	9 200630M1_11	Standard	12.500	5.33	9525.043	13528.034	8.801	11.8	-5.8	NO		NO	MM
10	10 200630M1_12	Standard	12.500	5.33	9241.950	11107.416	10.401	13.9	11.3	NO		NO	MM

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 200.576
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.33	2113.125		2113.125	10.5	-15.7	NO		NO	bbX
2	2 200630M1_4	Standard	12.500	5.33	2012.411		2012.411	10.0	-19.7	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	5.34	2140.166		2140.166	10.7	-14.6	NO		NO	MMX
4	4 200630M1_6	Standard	12.500	5.32	2242.367		2242.367	11.2	-10.6	NO		NO	bbX
5	5 200630M1_7	Standard	12.500	5.31	2105.916		2105.916	10.5	-16.0	NO		NO	bbX
6	6 200630M1_8	Standard	12.500	5.31	2507.196		2507.196	12.5	0.0	NO		NO	bb
7	7 200630M1_9	Standard	12.500	5.31	2074.355		2074.355	10.3	-17.3	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	5.31	2052.217		2052.217	10.2	-18.1	NO		NO	bbX
9	9 200630M1_11	Standard	12.500	5.30	2095.422		2095.422	10.4	-16.4	NO		NO	bbX
10	10 200630M1_12	Standard	12.500	5.30	2062.866		2062.866	10.3	-17.7	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.630169
RRF SD: 0.0512867, Relative SD: 8.13857
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.33	2113.125	3282.412	8.047	12.8	2.2	NO		NO	bb
2	2 200630M1_4	Standard	12.500	5.33	2012.411	3544.583	7.097	11.3	-9.9	NO		NO	bb
3	3 200630M1_5	Standard	12.500	5.34	2141.807	3391.415	7.894	12.5	0.2	NO		NO	MM
4	4 200630M1_6	Standard	12.500	5.32	2242.367	3713.265	7.549	12.0	-4.2	NO		NO	bb
5	5 200630M1_7	Standard	12.500	5.31	2105.916	3681.835	7.150	11.3	-9.2	NO		NO	bb
6	6 200630M1_8	Standard	12.500	5.31	2507.196	3468.856	9.035	14.3	14.7	NO		NO	bb
7	7 200630M1_9	Standard	12.500	5.31	2074.355	3259.841	7.954	12.6	1.0	NO		NO	bb
8	8 200630M1_10	Standard	12.500	5.31	2052.217	3368.777	7.615	12.1	-3.3	NO		NO	bb
9	9 200630M1_11	Standard	12.500	5.30	2095.422	3450.484	7.591	12.0	-3.6	NO		NO	bb
10	10 200630M1_12	Standard	12.500	5.30	2062.866	2916.949	8.840	14.0	12.2	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 772.961
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.49	10924.052		10924.052	14.1	13.1	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	5.49	9538.083		9538.083	12.3	-1.3	NO		NO	MMX
3	3 200630M1_5	Standard	12.500	5.51	9972.478		9972.478	12.9	3.2	NO		NO	MMX
4	4 200630M1_6	Standard	12.500	5.49	9648.236		9648.236	12.5	-0.1	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	5.49	10753.048		10753.048	13.9	11.3	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	5.48	9662.013		9662.013	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.48	9795.964		9795.964	12.7	1.4	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	5.48	9740.724		9740.724	12.6	0.8	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	5.47	9548.582		9548.582	12.4	-1.2	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	5.47	8772.467		8772.467	11.3	-9.2	NO		NO	MMX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.492257
RRF SD: 0.0327307, Relative SD: 6.64911
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.49	10905.779	19686.820	6.925	14.1	12.5	NO		NO	MM
2	2	200630M1_4	Standard	12.500	5.49	9537.434	20146.631	5.918	12.0	-3.8	NO		NO	MM
3	3	200630M1_5	Standard	12.500	5.51	9974.506	21561.320	5.783	11.7	-6.0	NO		NO	MM
4	4	200630M1_6	Standard	12.500	5.49	9646.730	20503.545	5.881	11.9	-4.4	NO		NO	MM
5	5	200630M1_7	Standard	12.500	5.49	10737.576	21752.996	6.170	12.5	0.3	NO		NO	MM
6	6	200630M1_8	Standard	12.500	5.48	9666.773	20945.250	5.769	11.7	-6.2	NO		NO	MM
7	7	200630M1_9	Standard	12.500	5.48	9795.964	20174.303	6.070	12.3	-1.4	NO		NO	bb
8	8	200630M1_10	Standard	12.500	5.48	9743.933	20614.055	5.909	12.0	-4.0	NO		NO	MM
9	9	200630M1_11	Standard	12.500	5.47	9549.578	18881.184	6.322	12.8	2.7	NO		NO	MM
10	10	200630M1_12	Standard	12.500	5.47	8784.640	16179.680	6.787	13.8	10.3	NO		NO	MM

Compound name: 13C2-PFUdA-EIS
Response Factor: 1406.6
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.67	17518.031		17518.031	12.5	-0.4	NO		NO	bbX
2	2	200630M1_4	Standard	12.500	5.67	17354.121		17354.121	12.3	-1.3	NO		NO	bbX
3	3	200630M1_5	Standard	12.500	5.68	18529.697		18529.697	13.2	5.4	NO		NO	bbX
4	4	200630M1_6	Standard	12.500	5.66	17947.477		17947.477	12.8	2.1	NO		NO	bbX
5	5	200630M1_7	Standard	12.500	5.66	18596.695		18596.695	13.2	5.8	NO		NO	bbX
6	6	200630M1_8	Standard	12.500	5.65	17582.531		17582.531	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	5.65	17650.961		17650.961	12.5	0.4	NO		NO	bbX
8	8	200630M1_10	Standard	12.500	5.65	17581.373		17581.373	12.5	-0.0	NO		NO	MMX
9	9	200630M1_11	Standard	12.500	5.65	17427.438		17427.438	12.4	-0.9	NO		NO	MMX
10	10	200630M1_12	Standard	12.500	5.65	15348.984		15348.984	10.9	-12.7	NO		NO	MMX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 0.878048
RRF SD: 0.0338548, Relative SD: 3.85569
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.67	17572.980	19686.820	11.158	12.7	1.7	NO		NO	bb
2	2 200630M1_4	Standard	12.500	5.67	17354.121	20146.631	10.767	12.3	-1.9	NO		NO	bb
3	3 200630M1_5	Standard	12.500	5.68	18529.697	21561.320	10.742	12.2	-2.1	NO		NO	bb
4	4 200630M1_6	Standard	12.500	5.66	17947.477	20503.545	10.942	12.5	-0.3	NO		NO	bb
5	5 200630M1_7	Standard	12.500	5.66	18596.695	21752.996	10.686	12.2	-2.6	NO		NO	bb
6	6 200630M1_8	Standard	12.500	5.65	17582.531	20945.250	10.493	12.0	-4.4	NO		NO	bb
7	7 200630M1_9	Standard	12.500	5.65	17650.961	20174.303	10.937	12.5	-0.4	NO		NO	bb
8	8 200630M1_10	Standard	12.500	5.65	17575.545	20614.055	10.658	12.1	-2.9	NO		NO	MM
9	9 200630M1_11	Standard	12.500	5.65	17414.684	18881.184	11.529	13.1	5.0	NO		NO	MM
10	10 200630M1_12	Standard	12.500	5.65	15330.577	16179.680	11.844	13.5	7.9	NO		NO	MM

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 680.656
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.65	9372.688		9372.688	13.8	10.2	NO		NO	bbX
2	2 200630M1_4	Standard	12.500	5.65	8614.921		8614.921	12.7	1.3	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	5.65	8148.021		8148.021	12.0	-4.2	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	5.64	8791.604		8791.604	12.9	3.3	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	5.64	8626.135		8626.135	12.7	1.4	NO		NO	bbX
6	6 200630M1_8	Standard	12.500	5.63	8508.198		8508.198	12.5	0.0	NO		NO	bb
7	7 200630M1_9	Standard	12.500	5.63	8223.768		8223.768	12.1	-3.3	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	5.63	8250.817		8250.817	12.1	-3.0	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	5.62	7077.913		7077.913	10.4	-16.8	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	5.63	6842.165		6842.165	10.1	-19.6	NO		NO	MMX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.412184
RRF SD: 0.0289462, Relative SD: 7.02264
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.65	9372.688	19686.820	5.951	14.4	15.5	NO		NO	bb
2	2	200630M1_4	Standard	12.500	5.65	8614.921	20146.631	5.345	13.0	3.7	NO		NO	bb
3	3	200630M1_5	Standard	12.500	5.65	8148.021	21561.320	4.724	11.5	-8.3	NO		NO	bb
4	4	200630M1_6	Standard	12.500	5.64	8792.569	20503.545	5.360	13.0	4.0	NO		NO	MM
5	5	200630M1_7	Standard	12.500	5.64	8650.353	21752.996	4.971	12.1	-3.5	NO		NO	bb
6	6	200630M1_8	Standard	12.500	5.63	8508.198	20945.250	5.078	12.3	-1.4	NO		NO	bb
7	7	200630M1_9	Standard	12.500	5.63	8223.768	20174.303	5.095	12.4	-1.1	NO		NO	bb
8	8	200630M1_10	Standard	12.500	5.63	8248.412	20614.055	5.002	12.1	-2.9	NO		NO	MM
9	9	200630M1_11	Standard	12.500	5.62	7117.340	18881.184	4.712	11.4	-8.5	NO		NO	MM
10	10	200630M1_12	Standard	12.500	5.63	6840.971	16179.680	5.285	12.8	2.6	NO		NO	MM

Compound name: 13C2-PFDoA-EIS
Response Factor: 1620.09
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.94	20976.156		20976.156	12.9	3.6	NO		NO	MMX
2	2	200630M1_4	Standard	12.500	5.95	19239.186		19239.186	11.9	-5.0	NO		NO	bbX
3	3	200630M1_5	Standard	12.500	5.95	19502.695		19502.695	12.0	-3.7	NO		NO	bbX
4	4	200630M1_6	Standard	12.500	5.94	19537.135		19537.135	12.1	-3.5	NO		NO	bbX
5	5	200630M1_7	Standard	12.500	5.94	19996.387		19996.387	12.3	-1.3	NO		NO	bbX
6	6	200630M1_8	Standard	12.500	5.93	20251.090		20251.090	12.5	0.0	NO		NO	MM
7	7	200630M1_9	Standard	12.500	5.93	18769.637		18769.637	11.6	-7.3	NO		NO	bbX
8	8	200630M1_10	Standard	12.500	5.93	19095.986		19095.986	11.8	-5.7	NO		NO	MMX
9	9	200630M1_11	Standard	12.500	5.93	17931.602		17931.602	11.1	-11.5	NO		NO	MMX
10	10	200630M1_12	Standard	12.500	5.93	17070.900		17070.900	10.5	-15.7	NO		NO	MMX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.34795
RRF SD: 0.0870332, Relative SD: 6.45671
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.94	20976.324	15484.477	16.933	12.6	0.5	NO		NO	MM
2	2 200630M1_4	Standard	12.500	5.95	19239.186	15230.344	15.790	11.7	-6.3	NO		NO	bb
3	3 200630M1_5	Standard	12.500	5.95	19502.695	15347.081	15.885	11.8	-5.7	NO		NO	bb
4	4 200630M1_6	Standard	12.500	5.94	19537.135	15476.843	15.779	11.7	-6.4	NO		NO	bb
5	5 200630M1_7	Standard	12.500	5.94	19996.387	15063.098	16.594	12.3	-1.5	NO		NO	bb
6	6 200630M1_8	Standard	12.500	5.93	20258.400	14752.417	17.165	12.7	1.9	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.93	18769.637	14225.789	16.493	12.2	-2.1	NO		NO	bb
8	8 200630M1_10	Standard	12.500	5.93	19082.600	13199.351	18.072	13.4	7.3	NO		NO	MM
9	9 200630M1_11	Standard	12.500	5.93	17933.383	13528.034	16.571	12.3	-1.7	NO		NO	MM
10	10 200630M1_12	Standard	12.500	5.93	17071.971	11107.416	19.212	14.3	14.0	NO		NO	MM

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 151.497
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.93	1923.895		1923.895	12.7	1.6	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	5.93	1700.315		1700.315	11.2	-10.2	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	5.94	1630.417		1630.417	10.8	-13.9	NO		NO	MMX
4	4 200630M1_6	Standard	12.500	5.93	1689.547		1689.547	11.2	-10.8	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	5.93	1747.086		1747.086	11.5	-7.7	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	5.92	1893.708		1893.708	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.92	1808.531		1808.531	11.9	-4.5	NO		NO	MMX
8	8 200630M1_10	Standard	12.500	5.92	1702.233		1702.233	11.2	-10.1	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	5.91	1512.401		1512.401	10.0	-20.1	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	5.91	1319.337		1319.337	8.7	-30.3	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.497624
RRF SD: 0.0492831, Relative SD: 9.90369
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	5.93	1923.850	3282.412	7.326	14.7	17.8	NO		NO	MM
2	2 200630M1_4	Standard	12.500	5.93	1700.315	3544.583	5.996	12.0	-3.6	NO		NO	bb
3	3 200630M1_5	Standard	12.500	5.94	1640.352	3391.415	6.046	12.1	-2.8	NO		NO	MM
4	4 200630M1_6	Standard	12.500	5.93	1686.919	3713.265	5.679	11.4	-8.7	NO		NO	MM
5	5 200630M1_7	Standard	12.500	5.93	1746.591	3681.835	5.930	11.9	-4.7	NO		NO	MM
6	6 200630M1_8	Standard	12.500	5.92	1895.368	3468.856	6.830	13.7	9.8	NO		NO	MM
7	7 200630M1_9	Standard	12.500	5.92	1807.619	3259.841	6.931	13.9	11.4	NO		NO	MM
8	8 200630M1_10	Standard	12.500	5.92	1701.053	3368.777	6.312	12.7	1.5	NO		NO	MM
9	9 200630M1_11	Standard	12.500	5.91	1512.421	3450.484	5.479	11.0	-11.9	NO		NO	MM
10	10 200630M1_12	Standard	12.500	5.91	1324.029	2916.949	5.674	11.4	-8.8	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 84.6505
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	149.200	5.84	11949.545		11949.545	141.2	-5.4	NO		NO	bbX
2	2 200630M1_4	Standard	149.200	5.84	11629.684		11629.684	137.4	-7.9	NO		NO	bbX
3	3 200630M1_5	Standard	149.200	5.84	11544.046		11544.046	136.4	-8.6	NO		NO	MMX
4	4 200630M1_6	Standard	149.200	5.83	11352.334		11352.334	134.1	-10.1	NO		NO	bbX
5	5 200630M1_7	Standard	149.200	5.83	12351.806		12351.806	145.9	-2.2	NO		NO	bbX
6	6 200630M1_8	Standard	149.200	5.81	12629.849		12629.849	149.2	0.0	NO		NO	MM
7	7 200630M1_9	Standard	149.200	5.80	12375.558		12375.558	146.2	-2.0	NO		NO	MMX
8	8 200630M1_10	Standard	149.200	5.80	11453.410		11453.410	135.3	-9.3	NO		NO	bbX
9	9 200630M1_11	Standard	149.200	5.80	12625.843		12625.843	149.2	-0.0	NO		NO	MMX
10	10 200630M1_12	Standard	149.200	5.80	11411.885		11411.885	134.8	-9.6	NO		NO	MMX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0502047
RRF SD: 0.00454838, Relative SD: 9.05968
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	149.200	5.84	11949.545	19686.820	7.587	151.1	1.3	NO		NO	bb
2	2 200630M1_4	Standard	149.200	5.84	11629.684	20146.631	7.216	143.7	-3.7	NO		NO	bb
3	3 200630M1_5	Standard	149.200	5.84	11552.088	21561.320	6.697	133.4	-10.6	NO		NO	MM
4	4 200630M1_6	Standard	149.200	5.83	11352.334	20503.545	6.921	137.9	-7.6	NO		NO	bb
5	5 200630M1_7	Standard	149.200	5.83	12351.806	21752.996	7.098	141.4	-5.2	NO		NO	bb
6	6 200630M1_8	Standard	149.200	5.81	12630.227	20945.250	7.538	150.1	0.6	NO		NO	MM
7	7 200630M1_9	Standard	149.200	5.80	12376.551	20174.303	7.669	152.7	2.4	NO		NO	MM
8	8 200630M1_10	Standard	149.200	5.80	11453.410	20614.055	6.945	138.3	-7.3	NO		NO	bb
9	9 200630M1_11	Standard	149.200	5.80	12715.188	18881.184	8.418	167.7	12.4	NO		NO	MM
10	10 200630M1_12	Standard	149.200	5.80	11412.947	16179.680	8.817	175.6	17.7	NO		NO	MM

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1080.99
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	6.37	14333.491		14333.491	13.3	6.1	NO		NO	bbX
2	2 200630M1_4	Standard	12.500	6.37	13354.672		13354.672	12.4	-1.2	NO		NO	bbX
3	3 200630M1_5	Standard	12.500	6.37	12889.632		12889.632	11.9	-4.6	NO		NO	bbX
4	4 200630M1_6	Standard	12.500	6.36	13174.321		13174.321	12.2	-2.5	NO		NO	bbX
5	5 200630M1_7	Standard	12.500	6.37	14116.336		14116.336	13.1	4.5	NO		NO	bbX
6	6 200630M1_8	Standard	12.500	6.37	13512.388		13512.388	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	6.36	12888.291		12888.291	11.9	-4.6	NO		NO	bbX
8	8 200630M1_10	Standard	12.500	6.36	12655.427		12655.427	11.7	-6.3	NO		NO	bbX
9	9 200630M1_11	Standard	12.500	6.36	12838.615		12838.615	11.9	-5.0	NO		NO	bbX
10	10 200630M1_12	Standard	12.500	6.36	11224.351		11224.351	10.4	-16.9	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 0.658729
RRF SD: 0.0336232, Relative SD: 5.10426
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	6.37	14333.491	19686.820	9.101	13.8	10.5	NO		NO	bb
2	2 200630M1_4	Standard	12.500	6.37	13354.672	20146.631	8.286	12.6	0.6	NO		NO	bb
3	3 200630M1_5	Standard	12.500	6.37	13596.173	21561.320	7.882	12.0	-4.3	NO		NO	bd
4	4 200630M1_6	Standard	12.500	6.36	13174.321	20503.545	8.032	12.2	-2.5	NO		NO	bb
5	5 200630M1_7	Standard	12.500	6.37	14116.336	21752.996	8.112	12.3	-1.5	NO		NO	bb
6	6 200630M1_8	Standard	12.500	6.37	13568.675	20945.250	8.098	12.3	-1.7	NO		NO	MM
7	7 200630M1_9	Standard	12.500	6.36	12888.291	20174.303	7.986	12.1	-3.0	NO		NO	bb
8	8 200630M1_10	Standard	12.500	6.36	12655.427	20614.055	7.674	11.6	-6.8	NO		NO	bb
9	9 200630M1_11	Standard	12.500	6.36	12838.615	18881.184	8.500	12.9	3.2	NO		NO	bb
10	10 200630M1_12	Standard	12.500	6.36	11224.351	16179.680	8.672	13.2	5.3	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 120.333
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	149.200	6.20	17673.059		17673.059	146.9	-1.6	NO		NO	bbX
2	2 200630M1_4	Standard	149.200	6.20	16577.572		16577.572	137.8	-7.7	NO		NO	bbX
3	3 200630M1_5	Standard	149.200	6.20	16731.113		16731.113	139.0	-6.8	NO		NO	bbX
4	4 200630M1_6	Standard	149.200	6.20	16172.616		16172.616	134.4	-9.9	NO		NO	bbX
5	5 200630M1_7	Standard	149.200	6.19	17263.172		17263.172	143.5	-3.8	NO		NO	bbX
6	6 200630M1_8	Standard	149.200	6.18	17953.748		17953.748	149.2	0.0	NO		NO	MM
7	7 200630M1_9	Standard	149.200	6.18	16662.311		16662.311	138.5	-7.2	NO		NO	bbX
8	8 200630M1_10	Standard	149.200	6.18	16035.719		16035.719	133.3	-10.7	NO		NO	bbX
9	9 200630M1_11	Standard	149.200	6.18	14442.304		14442.304	120.0	-19.6	NO		NO	bbX
10	10 200630M1_12	Standard	149.200	6.18	12727.360		12727.360	105.8	-29.1	NO		NO	MMX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.0677916
RRF SD: 0.00351054, Relative SD: 5.17844
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	149.200	6.20	17673.059	19686.820	11.221	165.5	10.9	NO		NO	bb
2	2 200630M1_4	Standard	149.200	6.20	16577.572	20146.631	10.286	151.7	1.7	NO		NO	bb
3	3 200630M1_5	Standard	149.200	6.20	16731.113	21561.320	9.700	143.1	-4.1	NO		NO	bb
4	4 200630M1_6	Standard	149.200	6.20	16172.616	20503.545	9.860	145.4	-2.5	NO		NO	bb
5	5 200630M1_7	Standard	149.200	6.19	17263.172	21752.996	9.920	146.3	-1.9	NO		NO	bb
6	6 200630M1_8	Standard	149.200	6.18	17952.654	20945.250	10.714	158.0	5.9	NO		NO	MM
7	7 200630M1_9	Standard	149.200	6.18	16662.311	20174.303	10.324	152.3	2.1	NO		NO	bb
8	8 200630M1_10	Standard	149.200	6.18	16035.719	20614.055	9.724	143.4	-3.9	NO		NO	bb
9	9 200630M1_11	Standard	149.200	6.18	14442.304	18881.184	9.561	141.0	-5.5	NO		NO	bb
10	10 200630M1_12	Standard	149.200	6.18	12730.971	16179.680	9.836	145.1	-2.8	NO		NO	MM

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1527.48
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	6.65	20349.230		20349.230	13.3	6.6	NO		NO	MMX
2	2 200630M1_4	Standard	12.500	6.65	18372.340		18372.340	12.0	-3.8	NO		NO	MMX
3	3 200630M1_5	Standard	12.500	6.65	19383.654		19383.654	12.7	1.5	NO		NO	MMX
4	4 200630M1_6	Standard	12.500	6.65	18707.215		18707.215	12.2	-2.0	NO		NO	MMX
5	5 200630M1_7	Standard	12.500	6.65	21351.295		21351.295	14.0	11.8	NO		NO	MMX
6	6 200630M1_8	Standard	12.500	6.65	19093.545		19093.545	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	6.65	18537.234		18537.234	12.1	-2.9	NO		NO	MMX
8	8 200630M1_10	Standard	12.500	6.65	18645.594		18645.594	12.2	-2.3	NO		NO	MMX
9	9 200630M1_11	Standard	12.500	6.64	18323.912		18323.912	12.0	-4.0	NO		NO	MMX
10	10 200630M1_12	Standard	12.500	6.65	16462.309		16462.309	10.8	-13.8	NO		NO	MMX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 0.951357
RRF SD: 0.0477398, Relative SD: 5.01808
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	6.65	20342.791	19686.820	12.917	13.6	8.6	NO		NO	MM
2	2	200630M1_4	Standard	12.500	6.65	18505.725	20146.631	11.482	12.1	-3.4	NO		NO	MM
3	3	200630M1_5	Standard	12.500	6.65	19362.313	21561.320	11.225	11.8	-5.6	NO		NO	MM
4	4	200630M1_6	Standard	12.500	6.65	18994.178	20503.545	11.580	12.2	-2.6	NO		NO	MM
5	5	200630M1_7	Standard	12.500	6.65	21242.615	21752.996	12.207	12.8	2.6	NO		NO	MM
6	6	200630M1_8	Standard	12.500	6.65	19215.121	20945.250	11.467	12.1	-3.6	NO		NO	MM
7	7	200630M1_9	Standard	12.500	6.65	18675.664	20174.303	11.571	12.2	-2.7	NO		NO	MM
8	8	200630M1_10	Standard	12.500	6.65	19009.408	20614.055	11.527	12.1	-3.1	NO		NO	MM
9	9	200630M1_11	Standard	12.500	6.64	18296.891	18881.184	12.113	12.7	1.9	NO		NO	MM
10	10	200630M1_12	Standard	12.500	6.65	16607.500	16179.680	12.831	13.5	7.9	NO		NO	MM

Compound name: d7-N-MeFOSE-EIS
Response Factor: 71.0234
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	149.200	6.32	8668.640		8668.640	122.1	-18.2	NO		NO	MMX
2	2	200630M1_4	Standard	149.200	6.32	8201.921		8201.921	115.5	-22.6	NO		NO	bbX
3	3	200630M1_5	Standard	149.200	6.32	7824.641		7824.641	110.2	-26.2	NO		NO	bbX
4	4	200630M1_6	Standard	149.200	6.31	8415.002		8415.002	118.5	-20.6	NO		NO	bbX
5	5	200630M1_7	Standard	149.200	6.32	9226.553		9226.553	129.9	-12.9	NO		NO	bbX
6	6	200630M1_8	Standard	149.200	6.32	10596.697		10596.697	149.2	0.0	NO		NO	MM
7	7	200630M1_9	Standard	149.200	6.32	10305.034		10305.034	145.1	-2.8	NO		NO	MMX
8	8	200630M1_10	Standard	149.200	6.32	10157.582		10157.582	143.0	-4.1	NO		NO	MMX
9	9	200630M1_11	Standard	149.200	6.32	10881.842		10881.842	153.2	2.7	NO		NO	MMX
10	10	200630M1_12	Standard	149.200	6.32	9928.090		9928.090	139.8	-6.3	NO		NO	MMX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.0397567
RRF SD: 0.00669023, Relative SD: 16.8279
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	149.200	6.32	8661.270	19686.820	5.499	138.3	-7.3	NO		NO	MM
2	2 200630M1_4	Standard	149.200	6.32	8201.921	20146.631	5.089	128.0	-14.2	NO		NO	bb
3	3 200630M1_5	Standard	149.200	6.32	7824.641	21561.320	4.536	114.1	-23.5	NO		NO	bb
4	4 200630M1_6	Standard	149.200	6.31	8415.002	20503.545	5.130	129.0	-13.5	NO		NO	bb
5	5 200630M1_7	Standard	149.200	6.32	9226.553	21752.996	5.302	133.4	-10.6	NO		NO	bb
6	6 200630M1_8	Standard	149.200	6.32	10626.773	20945.250	6.342	159.5	6.9	NO		NO	MM
7	7 200630M1_9	Standard	149.200	6.32	10293.712	20174.303	6.378	160.4	7.5	NO		NO	MM
8	8 200630M1_10	Standard	149.200	6.32	10156.029	20614.055	6.158	154.9	3.8	NO		NO	MM
9	9 200630M1_11	Standard	149.200	6.32	10886.577	18881.184	7.207	181.3	21.5	NO		NO	MM
10	10 200630M1_12	Standard	149.200	6.32	9933.834	16179.680	7.675	193.0	29.4	NO		NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 74.3185
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	149.200	6.46	10181.388		10181.388	137.0	-8.2	NO		NO	MMX
2	2 200630M1_4	Standard	149.200	6.47	8544.517		8544.517	115.0	-22.9	NO		NO	MMX
3	3 200630M1_5	Standard	149.200	6.46	9470.314		9470.314	127.4	-14.6	NO		NO	MMX
4	4 200630M1_6	Standard	149.200	6.46	8514.438		8514.438	114.6	-23.2	NO		NO	MMX
5	5 200630M1_7	Standard	149.200	6.47	10006.183		10006.183	134.6	-9.8	NO		NO	MMX
6	6 200630M1_8	Standard	149.200	6.47	11088.319		11088.319	149.2	0.0	NO		NO	bb
7	7 200630M1_9	Standard	149.200	6.47	10780.165		10780.165	145.1	-2.8	NO		NO	bbX
8	8 200630M1_10	Standard	149.200	6.47	10964.427		10964.427	147.5	-1.1	NO		NO	MMX
9	9 200630M1_11	Standard	149.200	6.46	11937.086		11937.086	160.6	7.7	NO		NO	MMX
10	10 200630M1_12	Standard	149.200	6.47	10597.809		10597.809	142.6	-4.4	NO		NO	MMX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.0430513
RRF SD: 0.00689776, Relative SD: 16.0222
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	149.200	6.46	10195.991	19686.820	6.474	150.4	0.8	NO		NO	MM
2	2 200630M1_4	Standard	149.200	6.47	8542.209	20146.631	5.300	123.1	-17.5	NO		NO	MM
3	3 200630M1_5	Standard	149.200	6.46	9462.909	21561.320	5.486	127.4	-14.6	NO		NO	MM
4	4 200630M1_6	Standard	149.200	6.46	8524.606	20503.545	5.197	120.7	-19.1	NO		NO	MM
5	5 200630M1_7	Standard	149.200	6.47	10004.275	21752.996	5.749	133.5	-10.5	NO		NO	MM
6	6 200630M1_8	Standard	149.200	6.47	11088.319	20945.250	6.617	153.7	3.0	NO		NO	bb
7	7 200630M1_9	Standard	149.200	6.47	10780.165	20174.303	6.679	155.1	4.0	NO		NO	bb
8	8 200630M1_10	Standard	149.200	6.47	10963.329	20614.055	6.648	154.4	3.5	NO		NO	MM
9	9 200630M1_11	Standard	149.200	6.46	11923.892	18881.184	7.894	183.4	22.9	NO		NO	MM
10	10 200630M1_12	Standard	149.200	6.47	10598.280	16179.680	8.188	190.2	27.5	NO		NO	MM

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 5.23364e-017, Relative SD: 5.23364e-015
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200630M1_3	Standard	12.500	1.65	6816.198	6816.198	12.500	12.5	0.0	NO		NO	MM
2	2 200630M1_4	Standard	12.500	1.65	6781.732	6781.732	12.500	12.5	0.0	NO		NO	MM
3	3 200630M1_5	Standard	12.500	1.65	6889.053	6889.053	12.500	12.5	0.0	NO		NO	MM
4	4 200630M1_6	Standard	12.500	1.64	6824.761	6824.761	12.500	12.5	0.0	NO		NO	MM
5	5 200630M1_7	Standard	12.500	1.64	7022.367	7022.367	12.500	12.5	0.0	NO		NO	bb
6	6 200630M1_8	Standard	12.500	1.61	6968.188	6968.188	12.500	12.5	0.0	NO		NO	MM
7	7 200630M1_9	Standard	12.500	1.60	7063.159	7063.159	12.500	12.5	0.0	NO		NO	MM
8	8 200630M1_10	Standard	12.500	1.60	6793.975	6793.975	12.500	12.5	0.0	NO		NO	MM
9	9 200630M1_11	Standard	12.500	1.60	6969.951	6969.951	12.500	12.5	0.0	NO		NO	MM
10	10 200630M1_12	Standard	12.500	1.59	6553.238	6553.238	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	3.44	11951.737	11951.737	12.500	12.5	0.0	NO		NO	bb
2	2	200630M1_4	Standard	12.500	3.44	11881.911	11881.911	12.500	12.5	0.0	NO		NO	bb
3	3	200630M1_5	Standard	12.500	3.43	12325.126	12325.126	12.500	12.5	0.0	NO		NO	MM
4	4	200630M1_6	Standard	12.500	3.43	12695.986	12695.986	12.500	12.5	0.0	NO		NO	MM
5	5	200630M1_7	Standard	12.500	3.43	13288.092	13288.092	12.500	12.5	0.0	NO		NO	MM
6	6	200630M1_8	Standard	12.500	3.41	12065.585	12065.585	12.500	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	3.41	12143.979	12143.979	12.500	12.5	0.0	NO		NO	bb
8	8	200630M1_10	Standard	12.500	3.40	11557.290	11557.290	12.500	12.5	0.0	NO		NO	MM
9	9	200630M1_11	Standard	12.500	3.41	11375.244	11375.244	12.500	12.5	0.0	NO		NO	bb
10	10	200630M1_12	Standard	12.500	3.40	10123.639	10123.639	12.500	12.5	0.0	NO		NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 1.17028e-016, Relative SD: 1.17028e-014
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.18	1616.258	1616.258	12.500	12.5	0.0	NO		NO	bb
2	2	200630M1_4	Standard	12.500	4.18	1837.709	1837.709	12.500	12.5	0.0	NO		NO	bb
3	3	200630M1_5	Standard	12.500	4.17	1725.290	1725.290	12.500	12.5	0.0	NO		NO	bb
4	4	200630M1_6	Standard	12.500	4.18	1684.486	1684.486	12.500	12.5	0.0	NO		NO	bb
5	5	200630M1_7	Standard	12.500	4.17	2054.186	2054.186	12.500	12.5	0.0	NO		NO	bb
6	6	200630M1_8	Standard	12.500	4.16	1728.419	1728.419	12.500	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	4.15	1847.202	1847.202	12.500	12.5	0.0	NO		NO	bb
8	8	200630M1_10	Standard	12.500	4.15	1740.326	1740.326	12.500	12.5	0.0	NO		NO	bb
9	9	200630M1_11	Standard	12.500	4.16	1552.517	1552.517	12.500	12.5	0.0	NO		NO	MM
10	10	200630M1_12	Standard	12.500	4.14	1504.737	1504.737	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.55	19439.828	19439.828	12.500	12.5	0.0	NO		NO	MM
2	2	200630M1_4	Standard	12.500	4.55	21006.412	21006.412	12.500	12.5	0.0	NO		NO	bb
3	3	200630M1_5	Standard	12.500	4.54	20782.201	20782.201	12.500	12.5	0.0	NO		NO	MM
4	4	200630M1_6	Standard	12.500	4.55	20037.166	20037.166	12.500	12.5	0.0	NO		NO	MM
5	5	200630M1_7	Standard	12.500	4.54	22917.410	22917.410	12.500	12.5	0.0	NO		NO	MM
6	6	200630M1_8	Standard	12.500	4.53	20632.248	20632.248	12.500	12.5	0.0	NO		NO	MM
7	7	200630M1_9	Standard	12.500	4.53	20175.398	20175.398	12.500	12.5	0.0	NO		NO	MM
8	8	200630M1_10	Standard	12.500	4.53	18847.295	18847.295	12.500	12.5	0.0	NO		NO	bb
9	9	200630M1_11	Standard	12.500	4.53	18081.645	18081.645	12.500	12.5	0.0	NO		NO	MM
10	10	200630M1_12	Standard	12.500	4.52	15819.215	15819.215	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	4.99	10399.454	10399.454	12.500	12.5	0.0	NO		NO	bb
2	2	200630M1_4	Standard	12.500	4.99	12089.467	12089.467	12.500	12.5	0.0	NO		NO	bb
3	3	200630M1_5	Standard	12.500	4.99	11511.193	11511.193	12.500	12.5	0.0	NO		NO	bb
4	4	200630M1_6	Standard	12.500	4.98	10335.401	10335.401	12.500	12.5	0.0	NO		NO	bb
5	5	200630M1_7	Standard	12.500	4.97	10246.190	10246.190	12.500	12.5	0.0	NO		NO	bb
6	6	200630M1_8	Standard	12.500	4.96	11081.110	11081.110	12.500	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	4.96	10841.203	10841.203	12.500	12.5	0.0	NO		NO	bb
8	8	200630M1_10	Standard	12.500	4.96	10242.171	10242.171	12.500	12.5	0.0	NO		NO	MM
9	9	200630M1_11	Standard	12.500	4.96	10204.246	10204.246	12.500	12.5	0.0	NO		NO	bb
10	10	200630M1_12	Standard	12.500	4.96	9498.913	9498.913	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.06	3282.412	3282.412	12.500	12.5	0.0	NO		NO	bb
2	2	200630M1_4	Standard	12.500	5.06	3544.583	3544.583	12.500	12.5	0.0	NO		NO	bb
3	3	200630M1_5	Standard	12.500	5.07	3391.415	3391.415	12.500	12.5	0.0	NO		NO	bb
4	4	200630M1_6	Standard	12.500	5.05	3713.265	3713.265	12.500	12.5	0.0	NO		NO	bb
5	5	200630M1_7	Standard	12.500	5.05	3681.835	3681.835	12.500	12.5	0.0	NO		NO	MM
6	6	200630M1_8	Standard	12.500	5.04	3468.856	3468.856	12.500	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	5.04	3259.841	3259.841	12.500	12.5	0.0	NO		NO	bb
8	8	200630M1_10	Standard	12.500	5.04	3368.777	3368.777	12.500	12.5	0.0	NO		NO	bb
9	9	200630M1_11	Standard	12.500	5.04	3450.484	3450.484	12.500	12.5	0.0	NO		NO	bb
10	10	200630M1_12	Standard	12.500	5.03	2916.949	2916.949	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.35	15484.477	15484.477	12.500	12.5	0.0	NO		NO	MM
2	2	200630M1_4	Standard	12.500	5.35	15230.344	15230.344	12.500	12.5	0.0	NO		NO	bb
3	3	200630M1_5	Standard	12.500	5.36	15347.081	15347.081	12.500	12.5	0.0	NO		NO	bb
4	4	200630M1_6	Standard	12.500	5.34	15476.843	15476.843	12.500	12.5	0.0	NO		NO	bb
5	5	200630M1_7	Standard	12.500	5.34	15063.098	15063.098	12.500	12.5	0.0	NO		NO	bb
6	6	200630M1_8	Standard	12.500	5.33	14752.417	14752.417	12.500	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	5.33	14225.789	14225.789	12.500	12.5	0.0	NO		NO	bb
8	8	200630M1_10	Standard	12.500	5.33	13199.351	13199.351	12.500	12.5	0.0	NO		NO	bb
9	9	200630M1_11	Standard	12.500	5.33	13528.034	13528.034	12.500	12.5	0.0	NO		NO	MM
10	10	200630M1_12	Standard	12.500	5.33	11107.416	11107.416	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200630M1_3	Standard	12.500	5.67	19686.820	19686.820	12.500	12.5	0.0	NO		NO	bb
2	2	200630M1_4	Standard	12.500	5.67	20146.631	20146.631	12.500	12.5	0.0	NO		NO	bb
3	3	200630M1_5	Standard	12.500	5.68	21561.320	21561.320	12.500	12.5	0.0	NO		NO	bb
4	4	200630M1_6	Standard	12.500	5.66	20503.545	20503.545	12.500	12.5	0.0	NO		NO	bb
5	5	200630M1_7	Standard	12.500	5.66	21752.996	21752.996	12.500	12.5	0.0	NO		NO	bb
6	6	200630M1_8	Standard	12.500	5.65	20945.250	20945.250	12.500	12.5	0.0	NO		NO	bb
7	7	200630M1_9	Standard	12.500	5.65	20174.303	20174.303	12.500	12.5	0.0	NO		NO	bb
8	8	200630M1_10	Standard	12.500	5.65	20614.055	20614.055	12.500	12.5	0.0	NO		NO	bb
9	9	200630M1_11	Standard	12.500	5.65	18881.184	18881.184	12.500	12.5	0.0	NO		NO	bb
10	10	200630M1_12	Standard	12.500	5.65	16179.680	16179.680	12.500	12.5	0.0	NO		NO	MM

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:32:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9999	NO	
2	2	PFPrS	51	0.9990	NO	
3	3	3:3 FTCA	49	0.9964	NO	
4	4	PFPeA	49	0.9999	NO	
5	5	PFBS	51	0.9993	NO	
6	6	4:2 FTS	55	0.9995	NO	
7	7	PFHxA	57	1.0000	NO	
8	8	PFPeS	51	0.9987	NO	
9	9	HFPO-DA	53	0.9976	NO	
10	10	5:3 FTCA	71	0.9981	NO	
11	11	PFHpA	59	0.9999	NO	
12	12	ADONA	59	0.9999	NO	
13	13	L-PFHxS	61	0.9996	NO	
14	15	6:2 FTS	63	0.9942	NO	
15	16	L-PFOA	69	0.9998	NO	
16	18	PFecHS	69	0.9998	NO	
17	19	PFHpS	73	0.9988	NO	
18	20	7:3 FTCA	71	0.9952	NO	
19	21	PFNA	65	0.9998	NO	
20	22	PFOSA	67	0.9999	NO	
21	23	L-PFOS	73	0.9985	NO	
22	25	9Cl-PF30NS	73	0.9981	NO	
23	26	PFDA	75	0.9999	NO	
24	27	8:2 FTS	77	0.9997	NO	
25	28	PFNS	73	0.9990	NO	
26	29	L-MeFOSAA	79	0.9996	NO	

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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:33:09 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	83	0.9997	NO	
2	33	PFUdA	81	0.9989	NO	
3	34	PFDS	73	0.9989	NO	
4	35	11Cl-PF30UdS	85	0.9993	NO	
5	36	10:2 FTS	87	0.9998	NO	
6	37	PFDoA	85	0.9995	NO	
7	38	N-MeFOSA	89	0.9956	NO	
8	39	PFTrDA	85	0.9999	NO	
9	40	PFDoS	91	0.9995	NO	
10	41	PFTeDA	91	0.9989	NO	
11	42	N-EtFOSA	93	0.9999	NO	
12	43	PFHxDA	95	0.9997	NO	
13	44	PFODA	95	0.9994	NO	
14	45	N-MeFOSE	97	0.9995	NO	
15	46	N-EtFOSE	99	0.9990	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	101		NO	3.802
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	102		NO	5.303
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	103		NO	5.923
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	102		NO	11.797
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	103		NO	9.364
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	102		NO	5.480
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	102		NO	7.048
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	103		NO	5.939
32	63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:33:09 Pacific Daylight Time

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
33	64	13C2-6:2 FTS-RSD	106		NO	12.923
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	105		NO	7.582
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	108		NO	18.304
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	104		NO	5.734
40	71	13C2-FOUEA-EIS			NO	0.000
41	72	13C2-FOUEA-RSD	104		NO	6.098
42	73	13C8-PFOS-EIS			NO	0.000
43	74	13C8-PFOS-RSD	106		NO	7.931
44	75	13C2-PFDA-EIS			NO	0.000
45	76	13C2-PFDA-RSD	107		NO	4.945
46	77	13C2-8:2 FTS-EIS			NO	0.000
47	78	13C2-8:2 FTS-RSD	106		NO	8.139
48	79	d3-N-MeFOSAA-EIS			NO	0.000
49	80	d3-N-MeFOSAA-RSD	108		NO	6.649
50	81	13C2-PFUdA-EIS			NO	0.000
51	82	13C2-PFUdA-RSD	108		NO	3.856
52	83	d5-N-EtFOSAA-EIS			NO	0.000
53	84	d5-N-EtFOSAA-RSD	108		NO	7.023
54	85	13C2-PFDoA-EIS			NO	0.000
55	86	13C2-PFDoA-RSD	107		NO	6.457
56	87	13C2-10:2 FTS-EIS			NO	0.000
57	88	13C2-10:2 FTS-RSD	106		NO	9.904
58	89	d3-N-MeFOSA-EIS			NO	0.000
59	90	d3-N-MeFOSA-RSD	108		NO	9.060
60	91	13C2-PFTeDA-EIS			NO	0.000
61	92	13C2-PFTeDA-RSD	108		NO	5.104
62	93	d5-N-ETFOSA-EIS			NO	0.000
63	94	d5-N-ETFOSA-RSD	108		NO	5.178
64	95	13C2-PFHxDA-EIS			NO	0.000
65	96	13C2-PFHxDA-RSD	108		NO	5.018
66	97	d7-N-MeFOSE-EIS			NO	0.000
67	98	d7-N-MeFOSE-RSD	108		NO	16.828
68	99	d9-N-EtFOSE-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:33:09 Pacific Daylight Time

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	IS#	CoD	CoD Flag	%RSD
69	1...	d9-N-EtFOSE-RSD	108		NO	16.022
70	1...	13C4-PFBA	101		NO	0.000
71	1...	13C5-PFHxA	102		NO	0.000
72	1...	18O2-PFHxS	103		NO	0.000
73	1...	13C8-PFOA	104		NO	0.000
74	1...	13C9-PFNA	105		NO	0.000
75	1...	13C4-PFOS	106		NO	0.000
76	1...	13C6-PFDA	107		NO	0.000
77	1...	13C7-PFUdA	108		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:42:15 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:42:29 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 07:34:28
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.61	1.61			
2	2	PFPrS	1.96	1.97	2.403	2.403	NO
3	3	3:3 FTCA	2.44	2.46	2.044	2.044	NO
4	4	PFPeA	2.61	2.60			
5	5	PFBS	2.88	2.88	2.801	2.801	NO
6	6	4:2 FTS	3.32	3.32	1.840	1.840	NO
7	7	PFHxA	3.41	3.41	16.156	16.156	NO
8	8	PFPeS	3.58	3.59	1.576	1.576	NO
9	9	HFPO-DA	3.61	3.61	1.877	1.877	NO
10	10	5:3 FTCA	3.95	3.95	1.487	1.487	NO
11	11	PFHpA	4.01	4.01	7.779	7.779	NO
12	12	ADONA	4.11	4.12	3.472	3.472	NO
13	13	L-PFHxS	4.16	4.16	1.475	1.475	NO
14	15	6:2 FTS	4.48	4.47	2.141	2.141	NO
15	16	L-PFOA	4.53	4.53	3.462	3.462	NO
16	18	PFecHS	4.54	4.54	0.975	0.975	NO
17	19	PFHpS	4.62	4.63	1.699	1.699	NO
18	20	7:3 FTCA	4.95	4.95	1.473	1.473	NO
19	21	PFNA	4.96	4.96	3.287	3.287	NO
20	22	PFOSA	5.00	5.00	29.964	29.964	NO
21	23	L-PFOS	5.04	5.04	2.133	2.133	NO
22	25	9Cl-PF30NS	5.26	5.25	19.571	19.571	NO
23	26	PFDA	5.33	5.33	5.064	5.064	NO
24	27	8:2 FTS	5.31	5.31	1.571	1.571	NO
25	28	PFNS	5.43	5.39	1.704	1.704	NO
26	29	L-MeFOSAA	5.48	5.48	2.647	2.647	NO

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:42:15 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:43:35 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 07:34:28
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.63	5.64	1.323	1.323	NO
2	33	PFUdA	5.65	5.65	7.189	7.189	NO
3	34	PFDS	5.77	5.70	1.611	1.611	NO
4	35	11Cl-PF30UdS	5.86	5.86	18.142	18.142	NO
5	36	10:2 FTS	5.92	5.92	1.427	1.427	NO
6	37	PFDoA	5.93	5.93	7.844	7.844	NO
7	38	N-MeFOSA	5.80	5.79	1.785	1.785	NO
8	39	PFTrDA	6.20	6.17	8.365	8.365	NO
9	40	PFDoS	6.16	6.19	1.840	1.840	NO
10	41	PFTeDA	6.37	6.37	13.171	13.171	NO
11	42	N-EtFOSA	6.16	6.17	1.664	1.664	NO
12	43	PFHxDA	6.65	6.65	21.677	21.677	NO
13	44	PFODA	6.87	6.86			
14	45	N-MeFOSE	6.32	6.33			
15	46	N-EtFOSE	6.47	6.48			

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Dataset: Untitled

Last Altered: Wednesday, July 01, 2020 10:44:42 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:44:52 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: PFBA

	#	Name	ID	Acq.Date	Acq.Time
1	1	200630M1_1	IPA	30-Jun-20	15:23:26
2	2	200630M1_2	IPA	30-Jun-20	15:33:46
3	3	200630M1_3	ST200630M1-1 PFC CS-2 20F1901	30-Jun-20	15:44:08
4	4	200630M1_4	ST200630M1-2 PFC CS-1 20F1902	30-Jun-20	15:54:31
5	5	200630M1_5	ST200630M1-3 PFC CS0 20F1903	30-Jun-20	16:04:53
6	6	200630M1_6	ST200630M1-4 PFC CS1 20F1904	30-Jun-20	16:15:15
7	7	200630M1_7	ST200630M1-5 PFC CS2 20F1905	30-Jun-20	16:25:40
8	8	200630M1_8	ST200630M1-6 PFC CS3 20F1906	30-Jun-20	16:36:04
9	9	200630M1_9	ST200630M1-7 PFC CS4 20F1907	30-Jun-20	16:46:29
10	10	200630M1_10	ST200630M1-8 PFC CS5 20F1908	30-Jun-20	16:56:53
11	11	200630M1_11	ST200630M1-9 PFC CS6 20F1909	30-Jun-20	17:07:19
12	12	200630M1_12	ST200630M1-10 PFC CS7 20F1910	30-Jun-20	17:17:41
13	13	200630M1_13	IB	30-Jun-20	17:28:03
14	14	200630M1_14	ICV200630M1-1 PFC ICV 20F1911	30-Jun-20	17:38:26
15	15	200630M1_15	IB	30-Jun-20	17:48:48

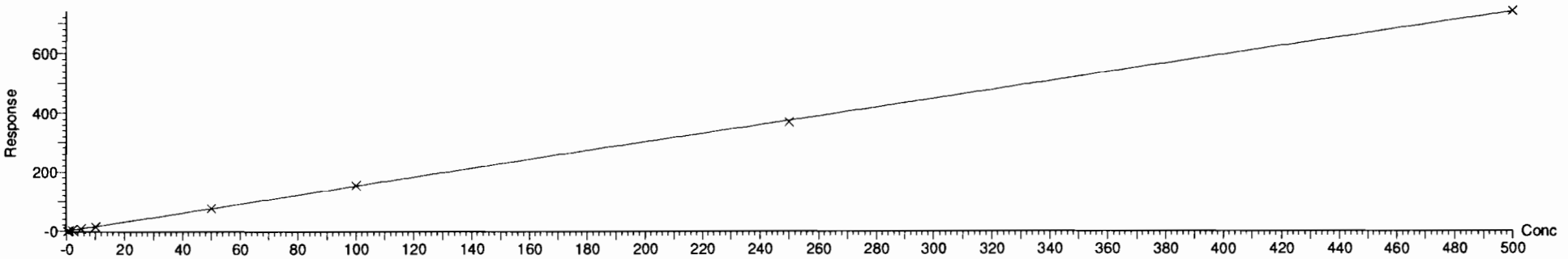
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

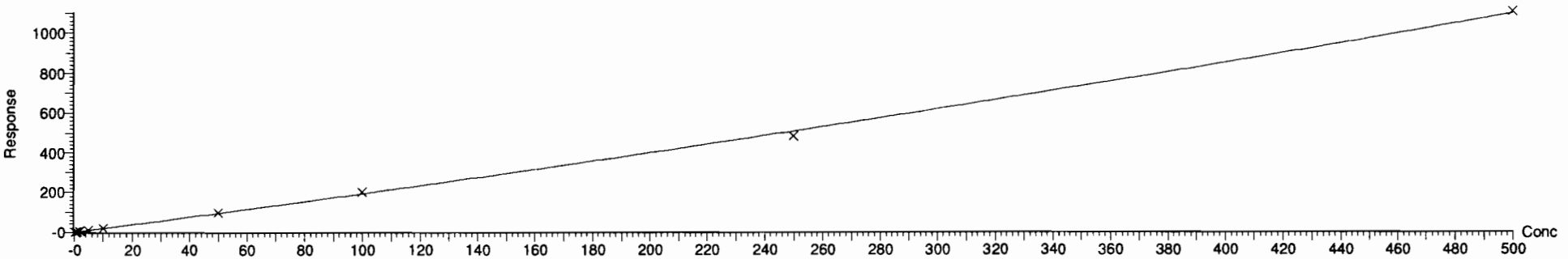
Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:34:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999882
Calibration curve: -8.94206e-005 * x^2 + 1.52017 * x + 0.0277343
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



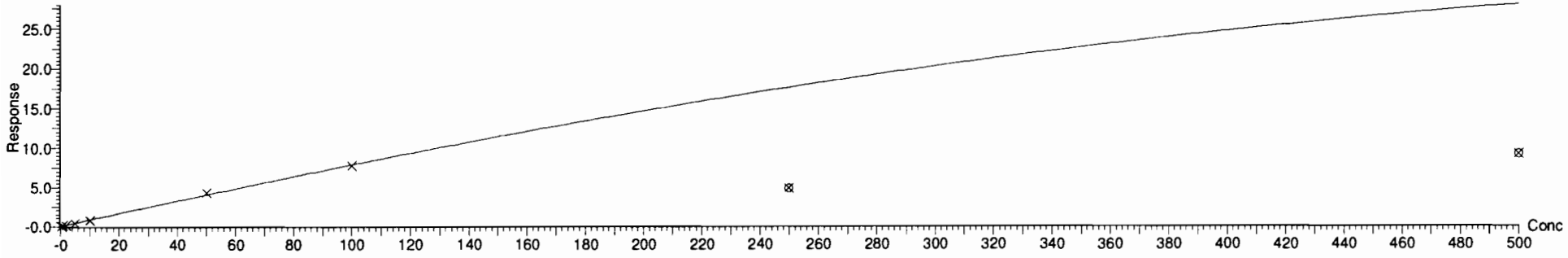
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.998990
Calibration curve: 0.000655364 * x^2 + 1.86314 * x + 0.0348903
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



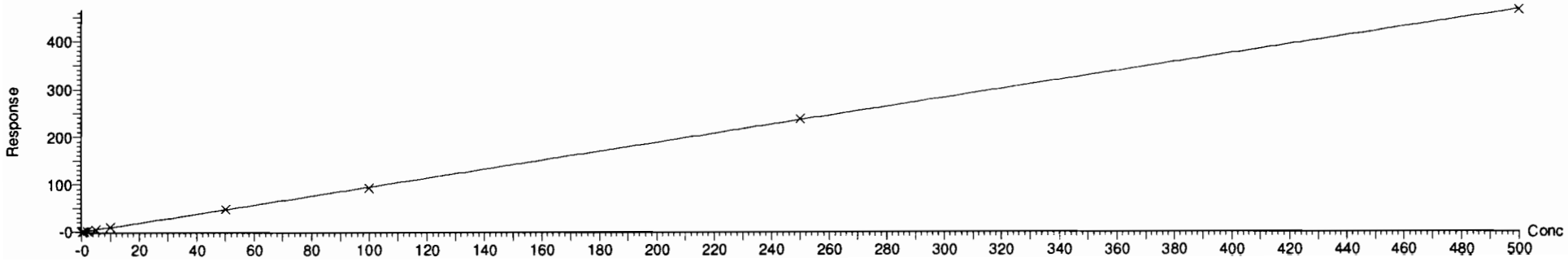
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:34:07 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.996371
Calibration curve: -5.7525e-005 * x^2 + 0.084805 * x + -0.0201154
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



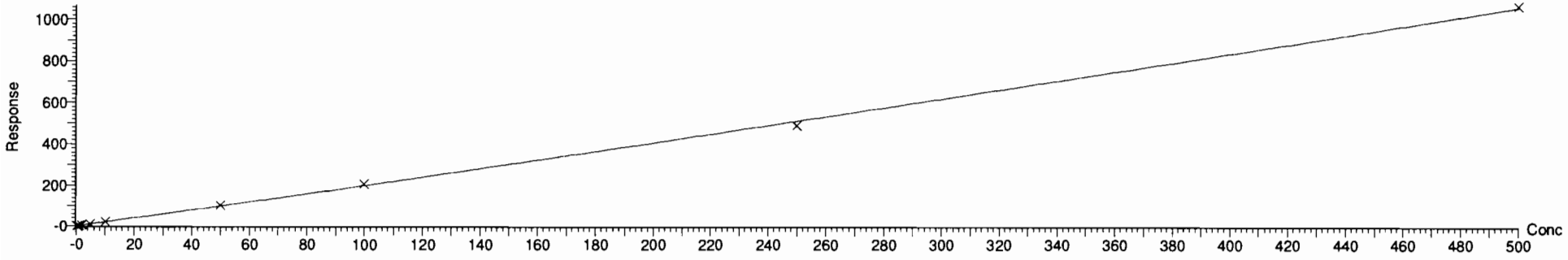
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999855
Calibration curve: -2.48491e-005 * x^2 + 0.944978 * x + -0.00989457
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



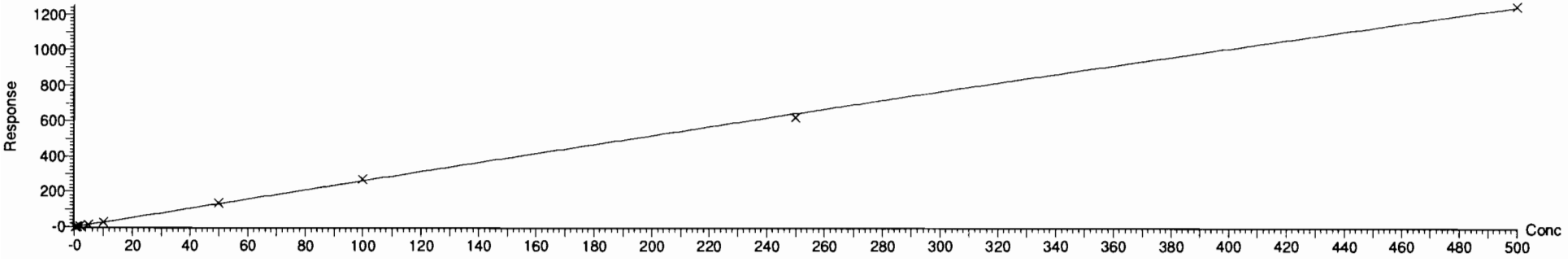
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:34:07 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999279
Calibration curve: 0.000272521 * x^2 + 1.98408 * x + 0.154447
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



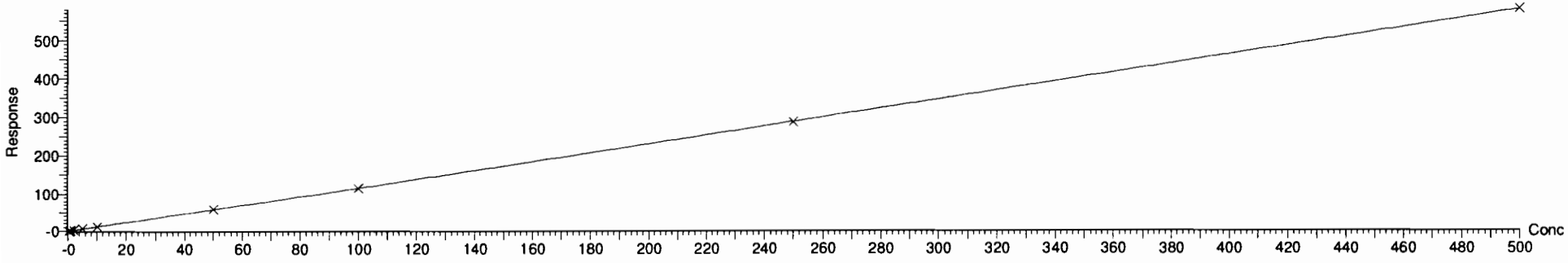
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999493
Calibration curve: -0.00036416 * x^2 + 2.67186 * x + -0.0298997
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



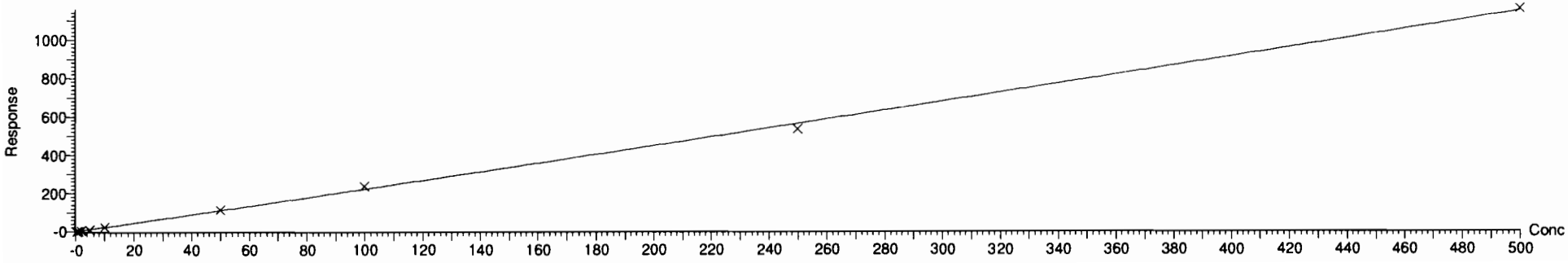
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:34:07 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999982
Calibration curve: 4.58682e-005 * x^2 + 1.13705 * x + 0.0120538
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFPeS
Coefficient of Determination: R^2 = 0.998718
Calibration curve: 0.00019679 * x^2 + 2.19515 * x + -0.0128976
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

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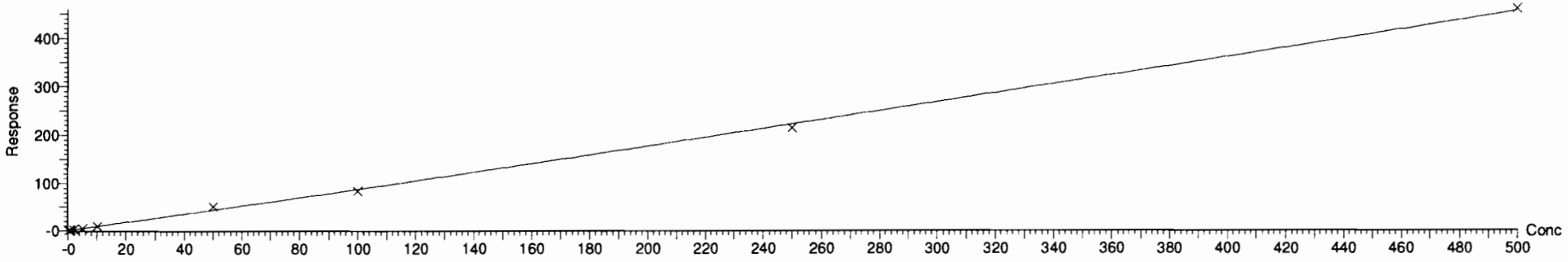
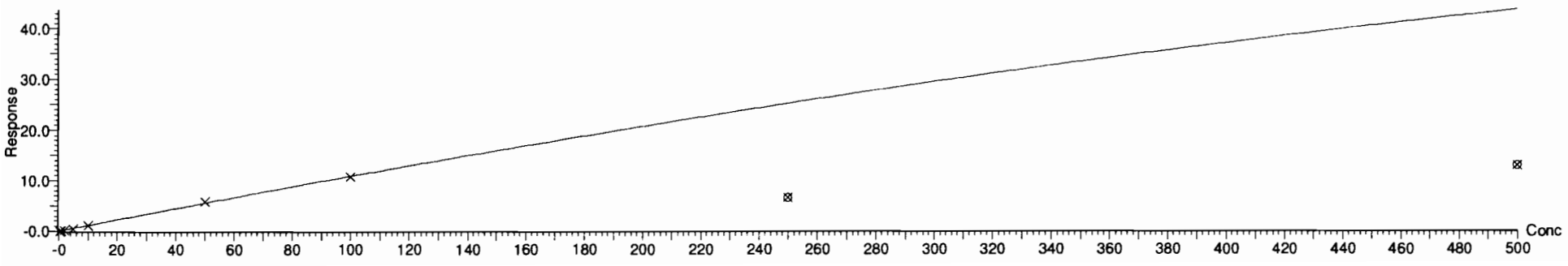
Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.997611
Calibration curve: 8.93284e-005 * x^2 + 0.866213 * x + 0.0284068
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998071
Calibration curve: -5.36334e-005 * x^2 + 0.114109 * x + -0.00992436
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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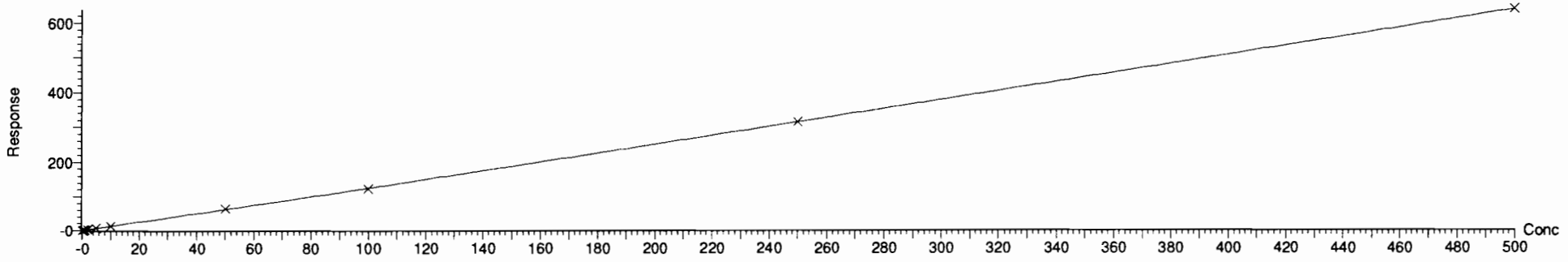
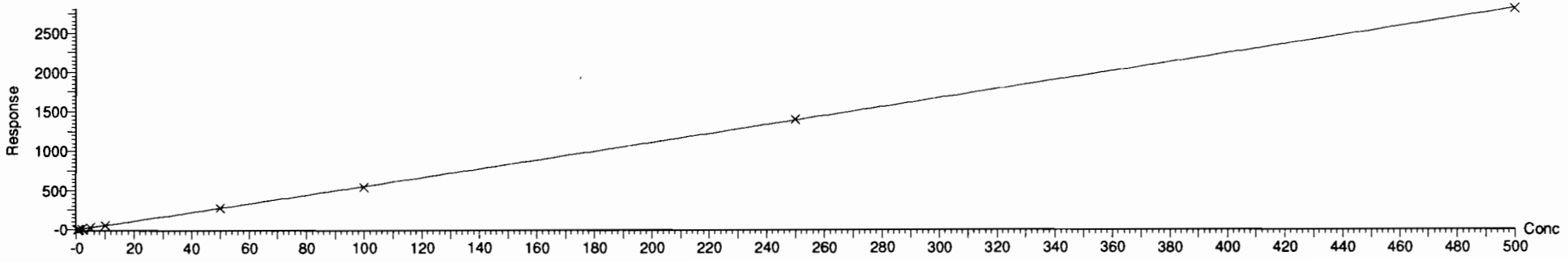
Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999909
Calibration curve: 7.9907e-005 * x^2 + 1.23503 * x + 0.0635387
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: ADONA
Coefficient of Determination: R^2 = 0.999932
Calibration curve: 0.000234244 * x^2 + 5.48981 * x + -0.128085
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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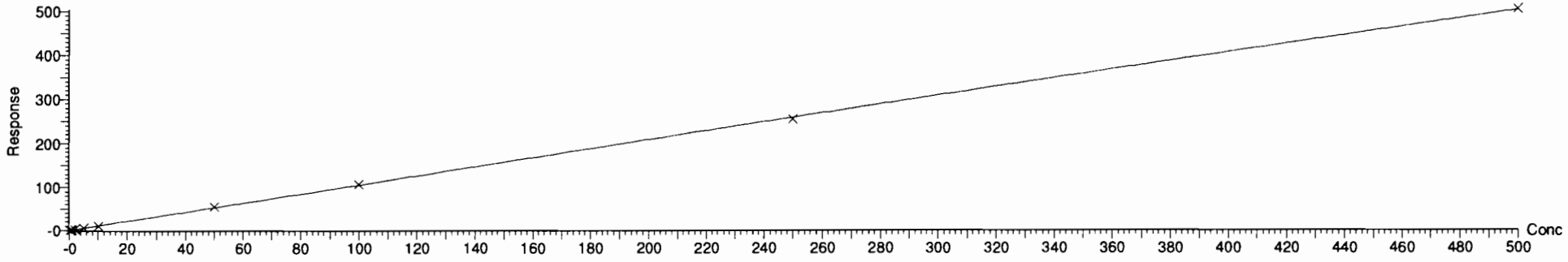
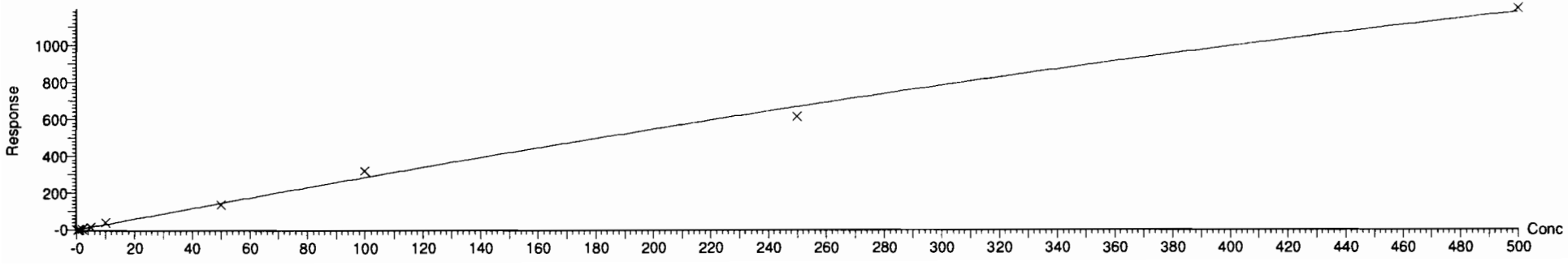
Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999629
Calibration curve: -0.000115284 * x^2 + 1.06243 * x + -0.0391239
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.994244
Calibration curve: -0.00123584 * x^2 + 2.97046 * x + -0.0406025
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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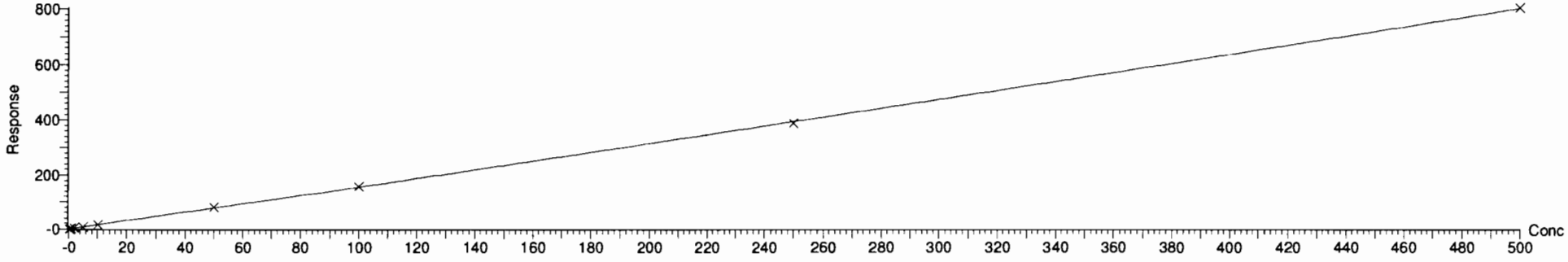
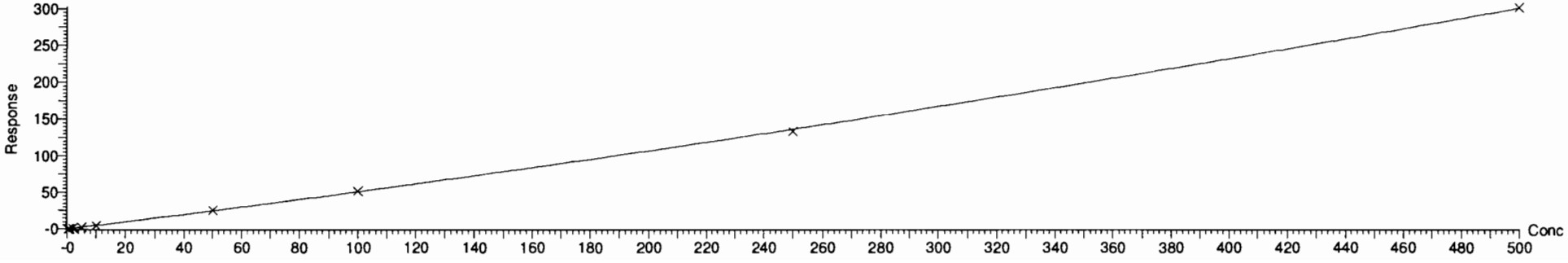
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999817
Calibration curve: 0.000123267 * x^2 + 1.54461 * x + 0.0721358
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999779
Calibration curve: 0.000226671 * x^2 + 0.489318 * x + -0.0342017
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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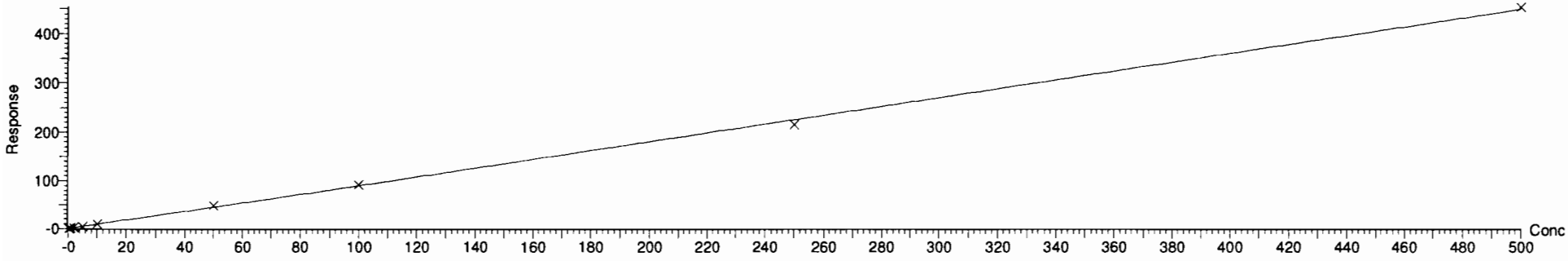
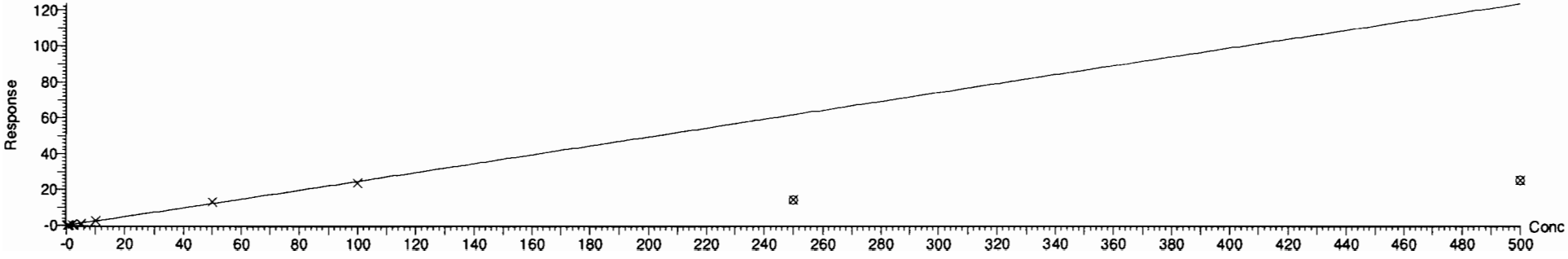
Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998799
Calibration curve: -5.79018e-006 * x^2 + 0.904478 * x + -0.0419557
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Correlation coefficient: r = 0.997603, r^2 = 0.995211
Calibration curve: 0.24737 * x + -0.0142249
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



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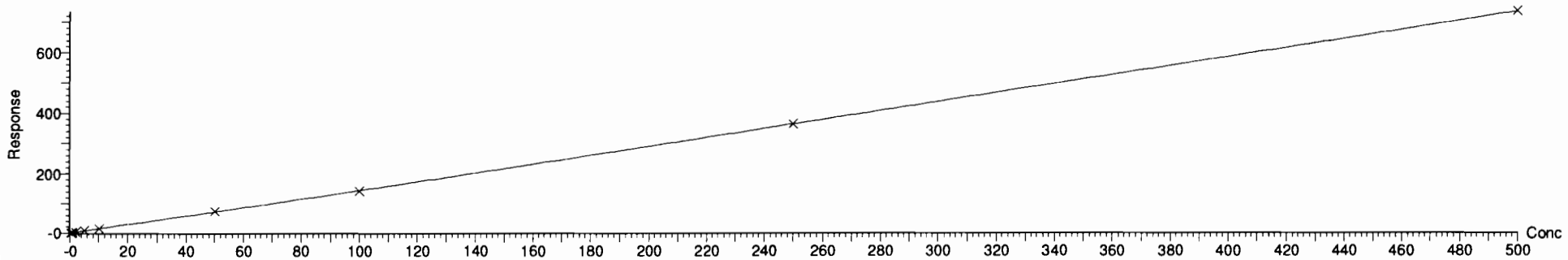
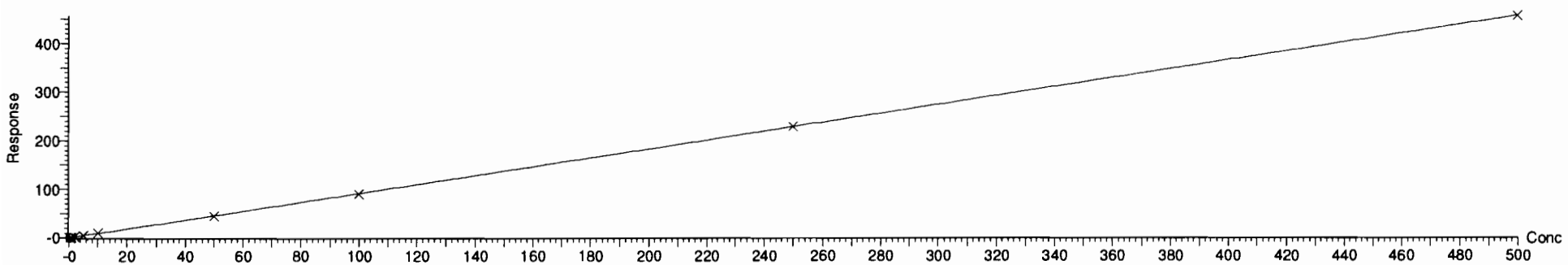
Compound name: PFNA
Coefficient of Determination: R^2 = 0.999821
Calibration curve: 5.70023e-005 * x^2 + 1.44115 * x + -0.0339257
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999878
Calibration curve: 8.27417e-007 * x^2 + 0.912058 * x + 0.0175245
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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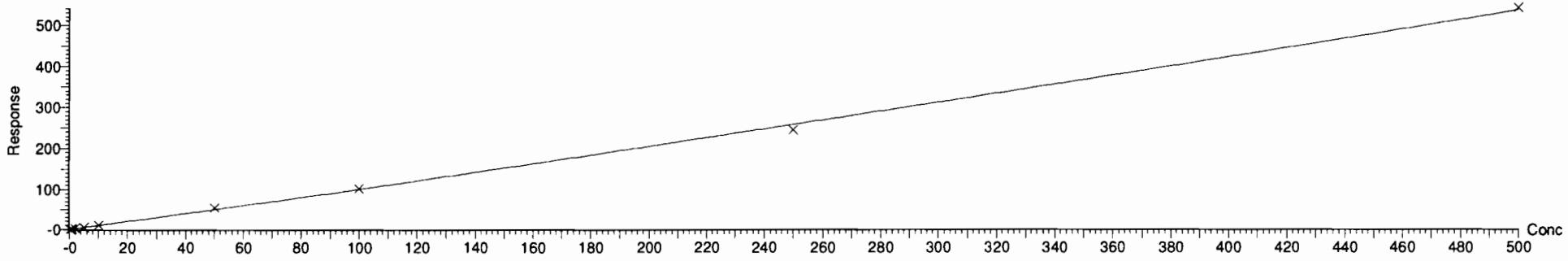
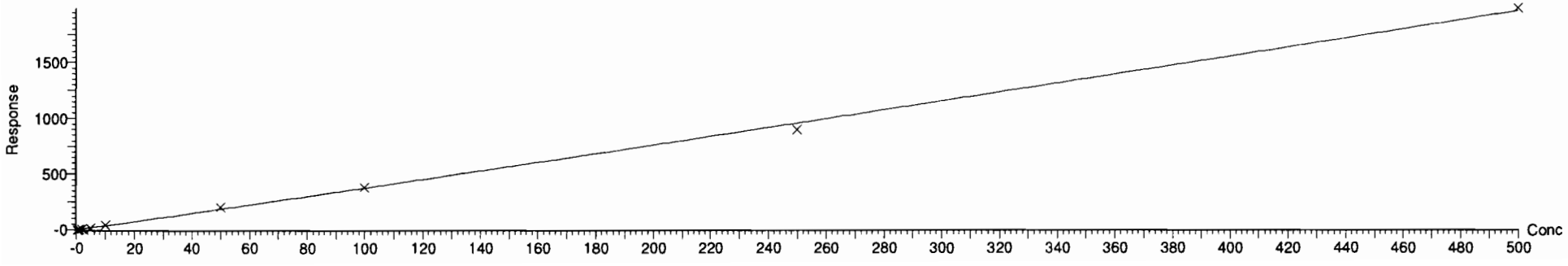
Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998503
Calibration curve: 0.000157912 * x^2 + 0.993231 * x + -0.0920626
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.998122
Calibration curve: 0.000396038 * x^2 + 3.7248 * x + 0.00330848
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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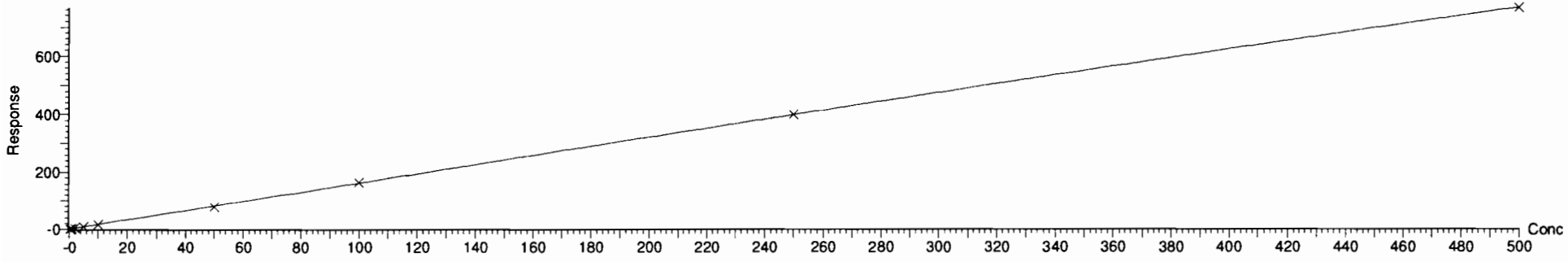
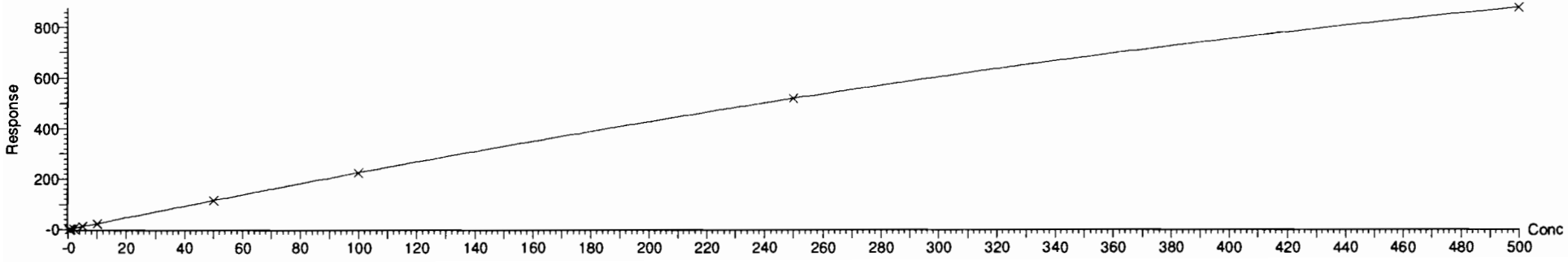
Compound name: PFDA
Coefficient of Determination: R^2 = 0.999891
Calibration curve: -0.000227866 * x^2 + 1.64762 * x + 0.00290935
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999689
Calibration curve: -0.00127068 * x^2 + 2.38964 * x + -0.0645052
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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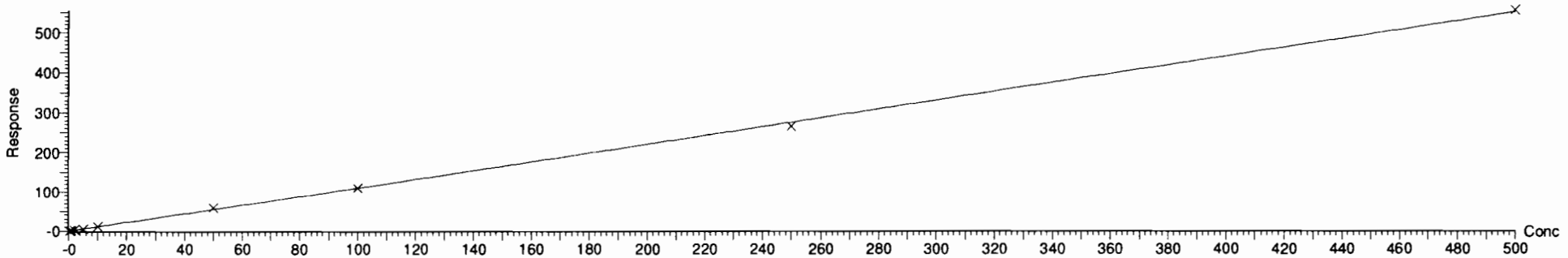
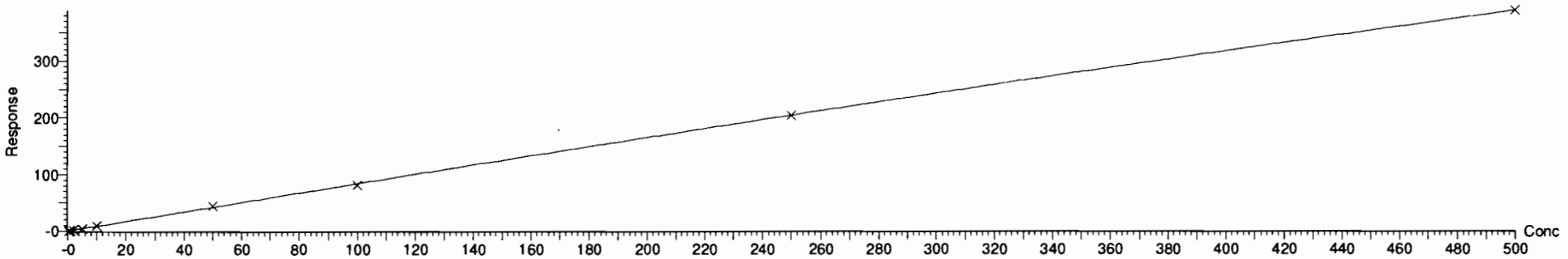
Compound name: PFNS
Coefficient of Determination: R^2 = 0.998959
Calibration curve: 2.42171e-006 * x^2 + 1.10086 * x + -0.0207613
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999635
Calibration curve: -0.00015898 * x^2 + 0.856642 * x + -0.0110005
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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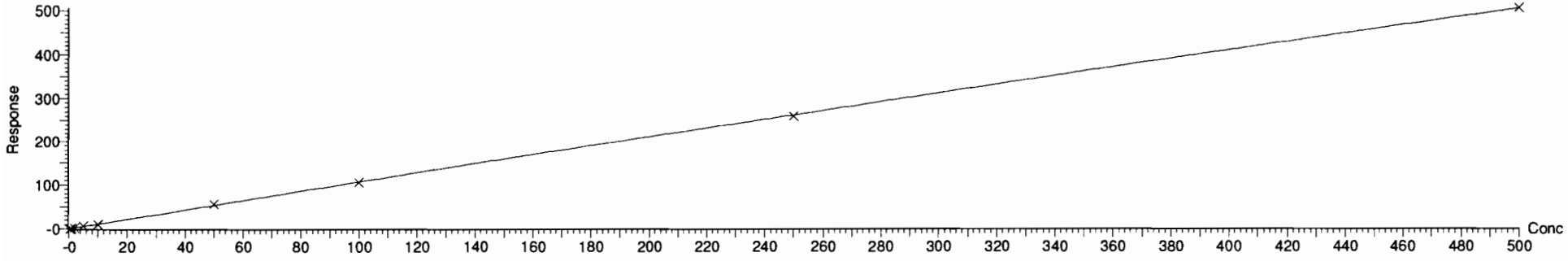
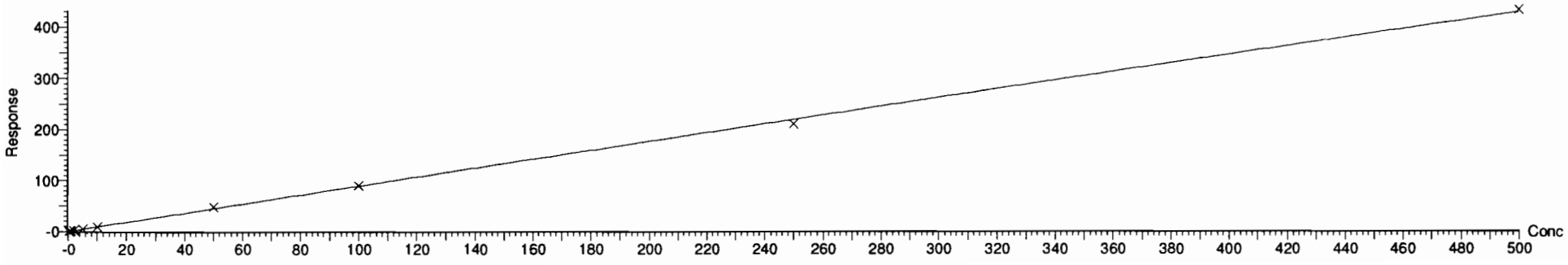
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999661
Calibration curve: -0.000145875 * x^2 + 1.08235 * x + -0.134571
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.998929
Calibration curve: -8.09536e-005 * x^2 + 0.896769 * x + 0.0463223
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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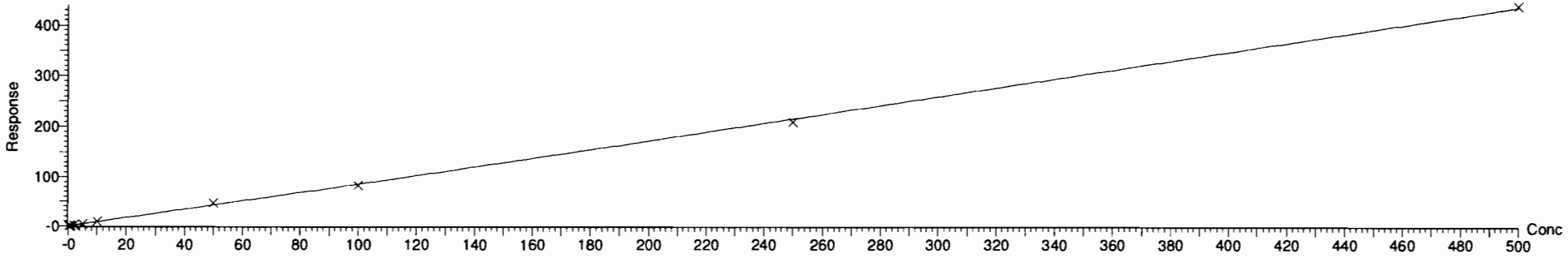
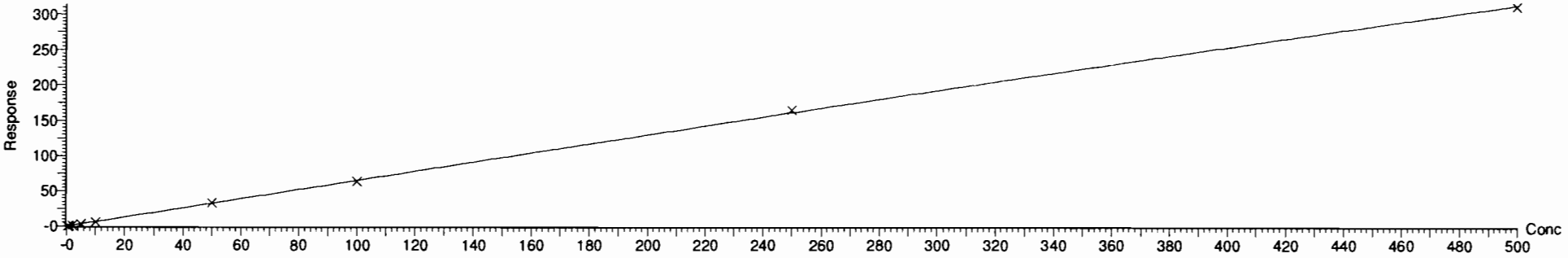
Compound name: PFDS
Coefficient of Determination: R^2 = 0.998919
Calibration curve: 3.56627e-005 * x^2 + 0.854562 * x + -0.0383226
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999335
Calibration curve: -7.61759e-005 * x^2 + 0.665313 * x + -0.0844981
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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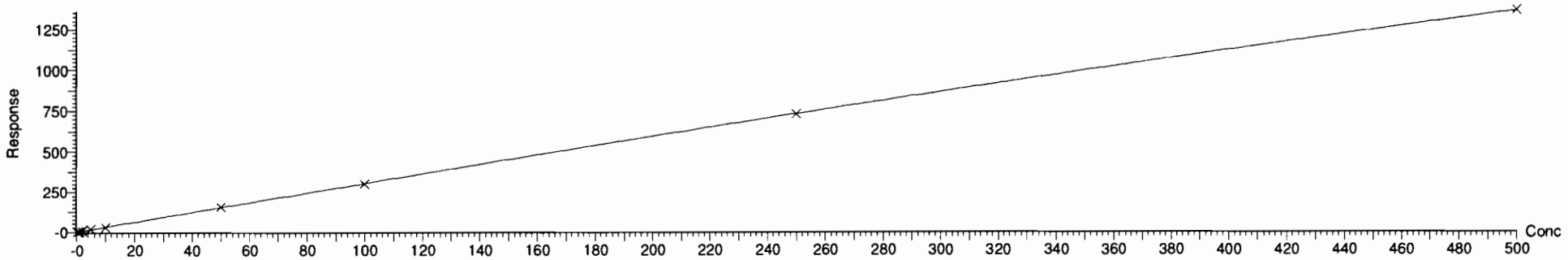
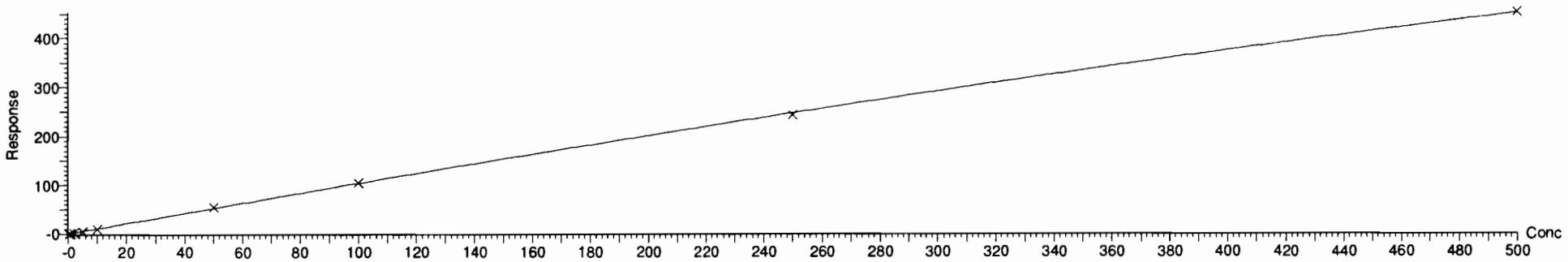
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999818
Calibration curve: -0.000815512 * x^2 + 3.13122 * x + 0.0824668
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999531
Calibration curve: -0.000343817 * x^2 + 1.07396 * x + 0.0250006
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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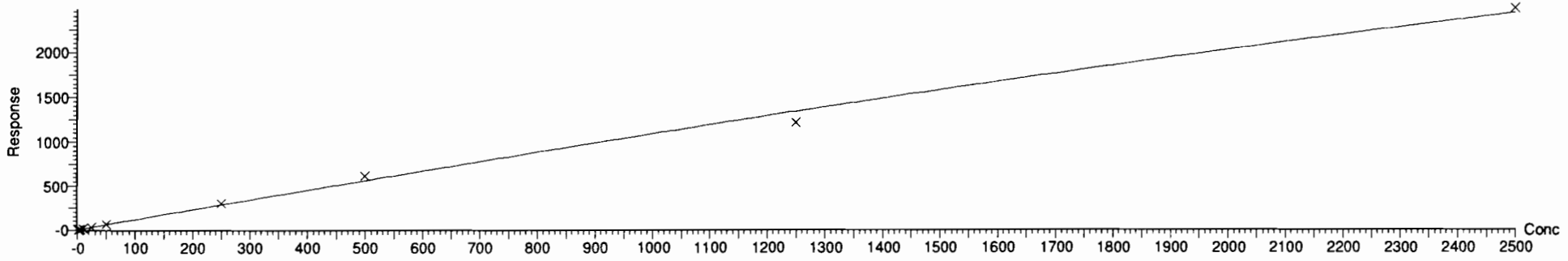
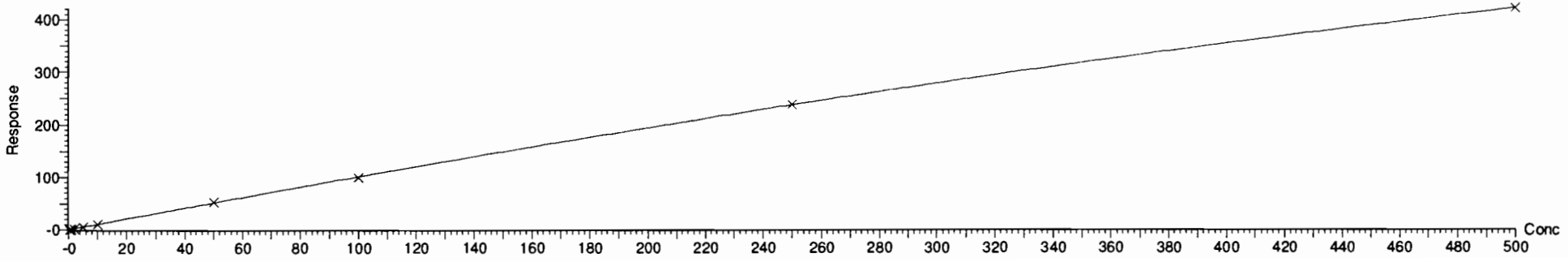
Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.995587
Calibration curve: -7.64538e-005 * x^2 + 1.16581 * x + -1.01137
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999881
Calibration curve: -0.000424075 * x^2 + 1.05333 * x + 0.0117248
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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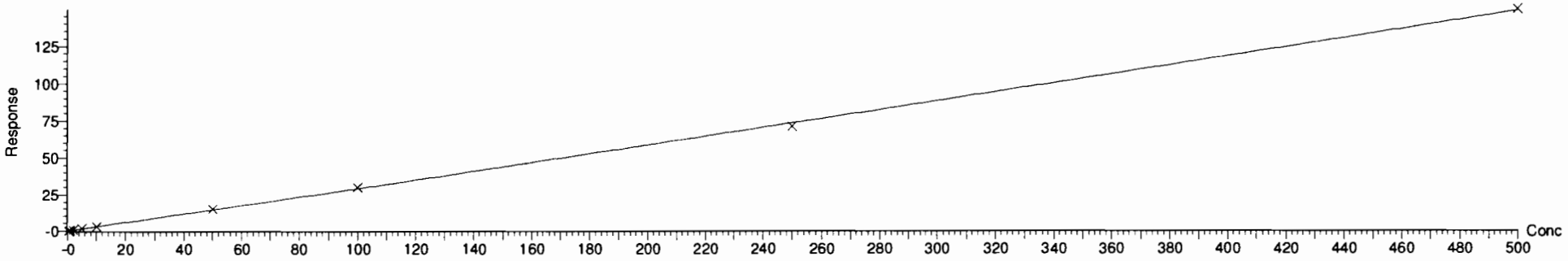
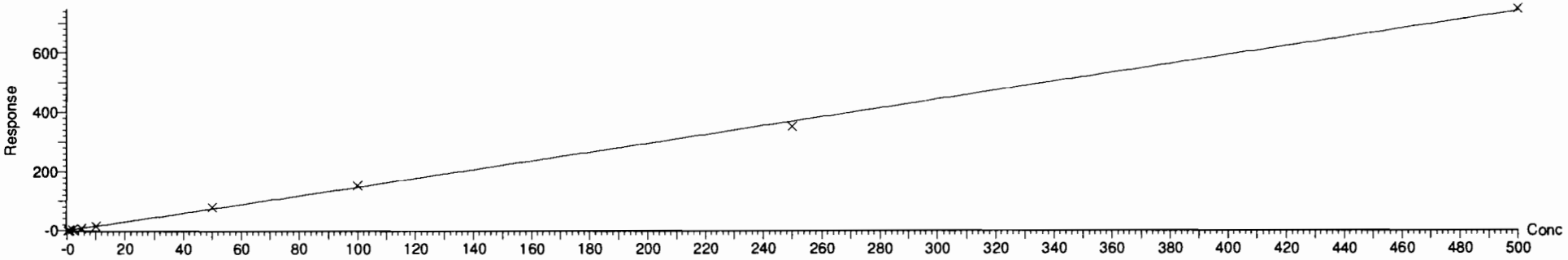
Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999532
Calibration curve: 1.58653e-005 * x^2 + 0.28934 * x + 0.0136573
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998865
Calibration curve: 3.18687e-005 * x^2 + 1.46346 * x + 0.110925
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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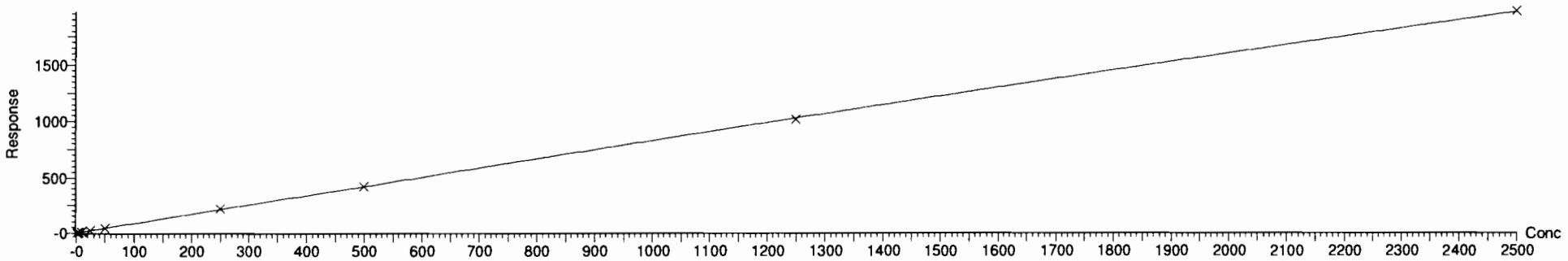
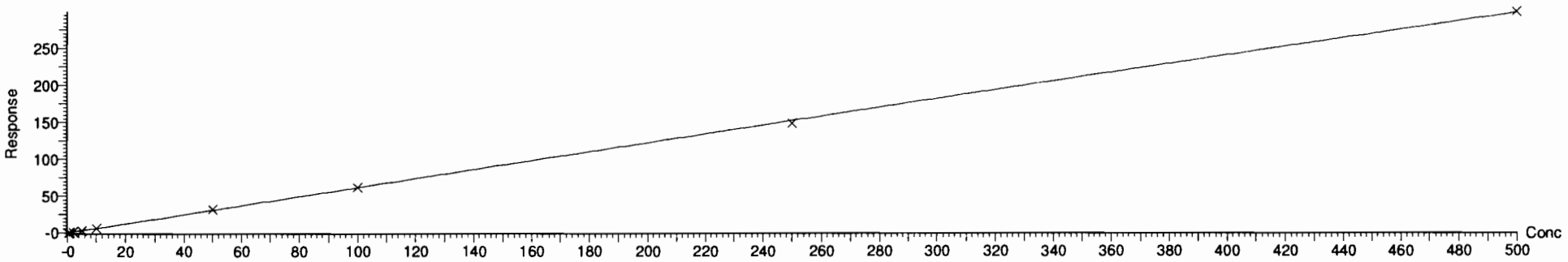
Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:34:58 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999876
Calibration curve: -2.81646e-005 * x^2 + 0.856673 * x + 0.162765
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



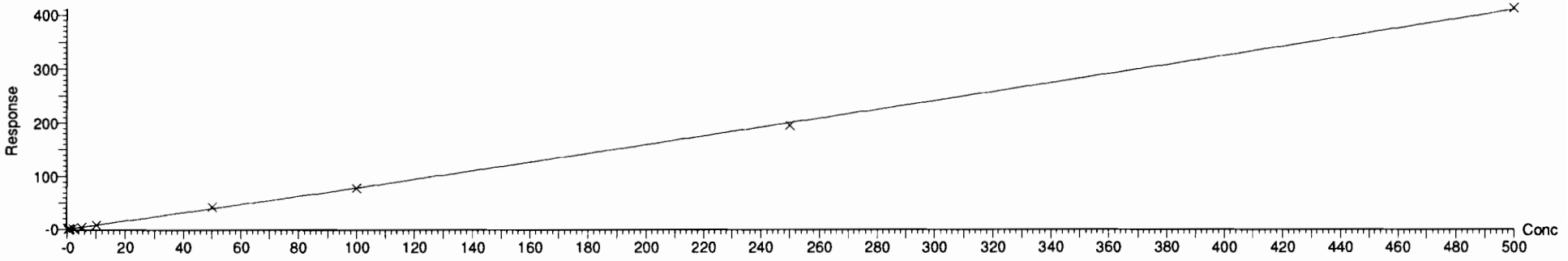
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999670
Calibration curve: -4.85774e-005 * x^2 + 0.620182 * x + 0.106214
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



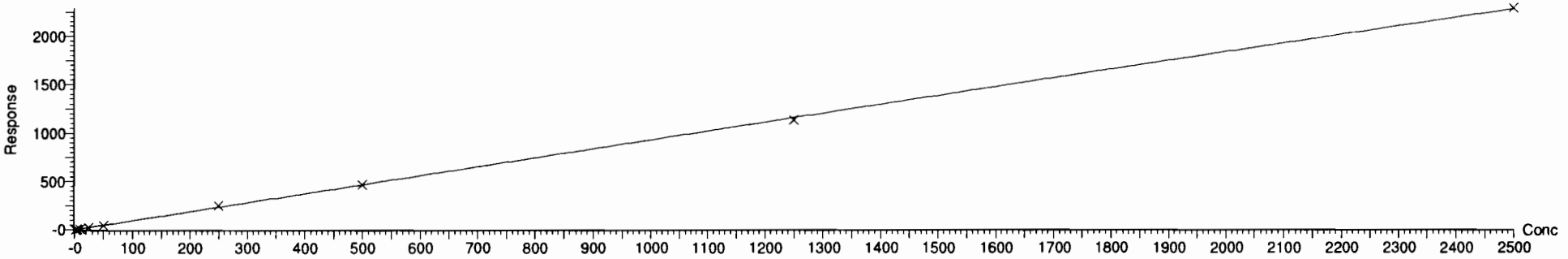
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:34:58 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999377
Calibration curve: 8.17645e-005 * x^2 + 0.778638 * x + 0.0364807
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



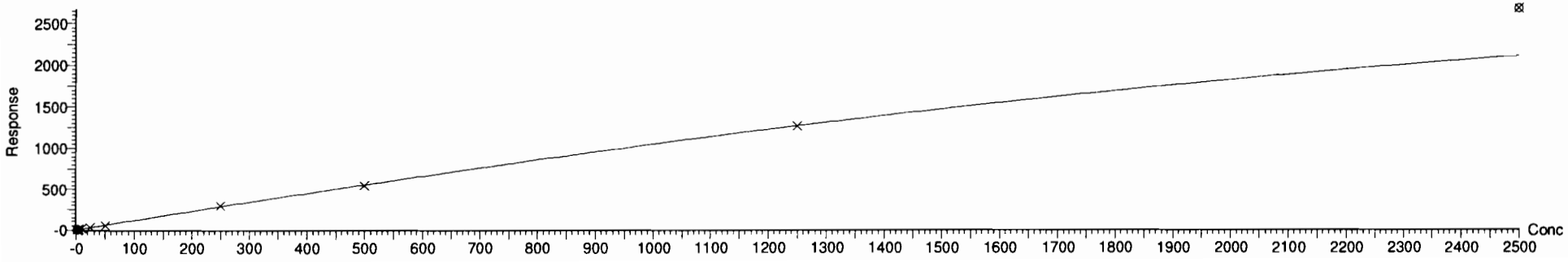
Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.999550
Calibration curve: -1.14896e-005 * x^2 + 0.939553 * x + 0.230592
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 10:24:41 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 10:34:58 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999005
Calibration curve: -0.000136232 * x^2 + 1.18271 * x + -0.964306
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



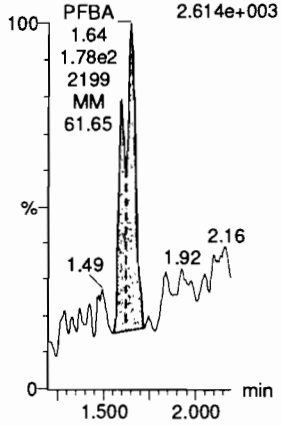
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

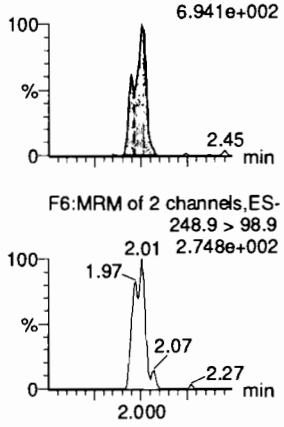
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020.mdb 01 Jul 2020 09:18:21
Calibration: 01 Jul 2020 09:17:58

Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

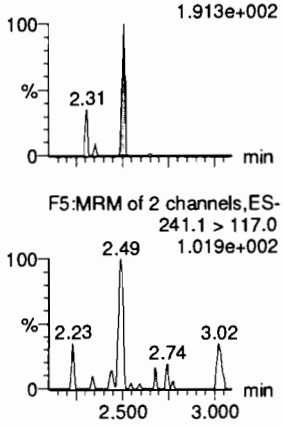
PFBA



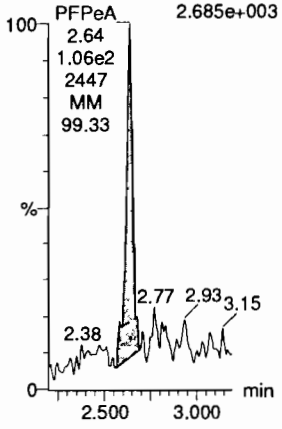
PFPrS



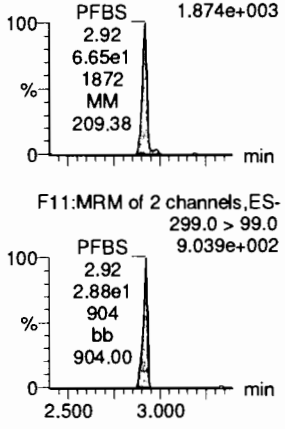
3:3 FTCA



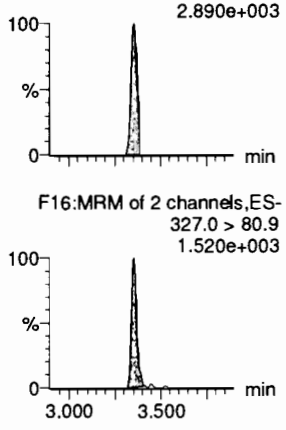
PFPeA



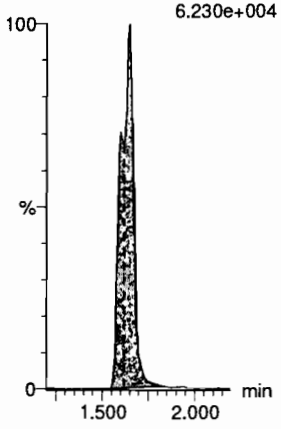
PFBS



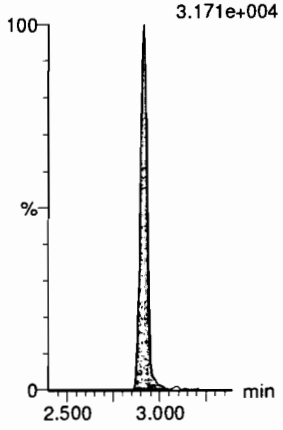
4:2 FTS



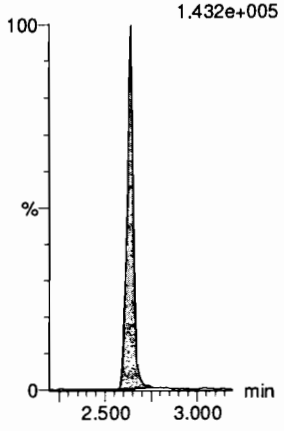
13C3-PFBA-EIS



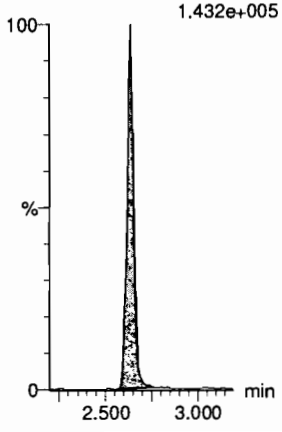
13C3-PFBS-EIS



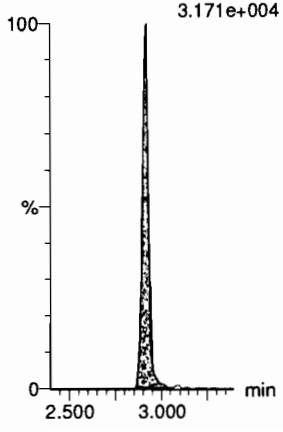
13C3-PFPeA-EIS



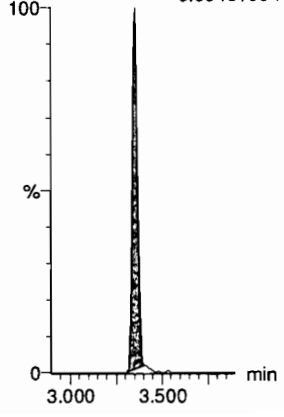
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

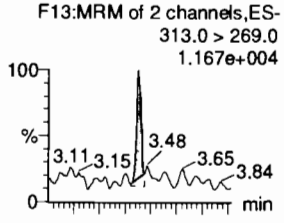


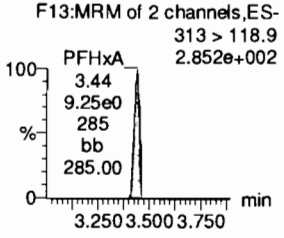
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

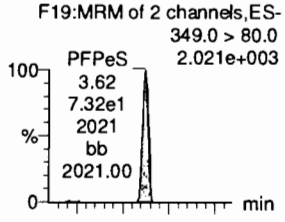
Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

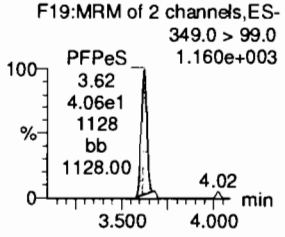
PFHxA



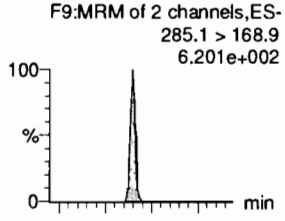


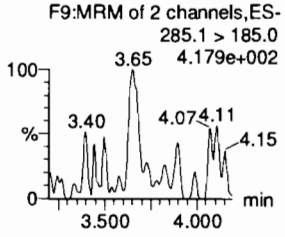
PFPeS



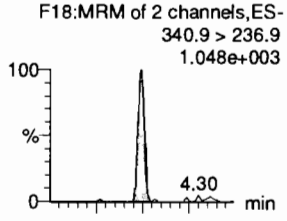


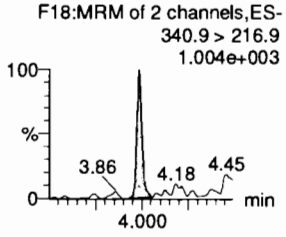
HFPO-DA



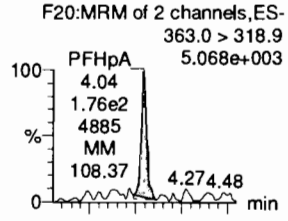


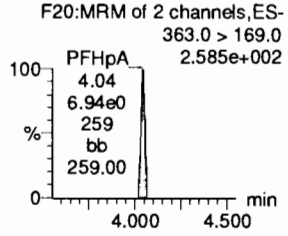
5:3 FTCA



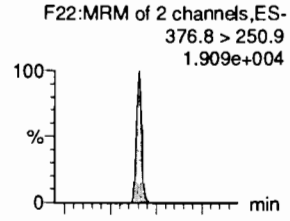


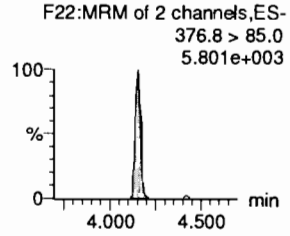
PFHpA



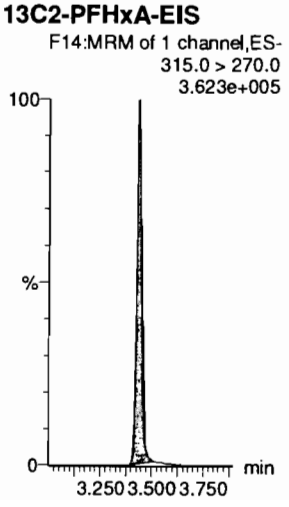


ADONA

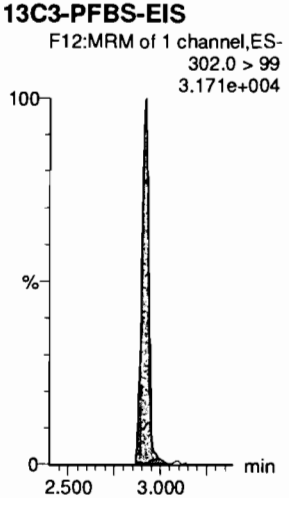




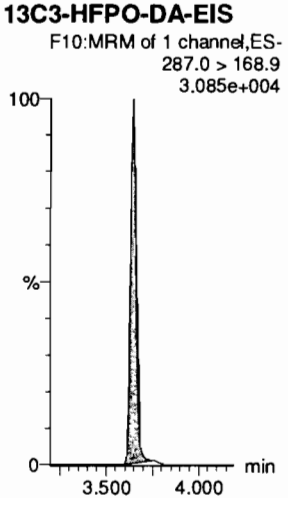
13C2-PFHxA-EIS



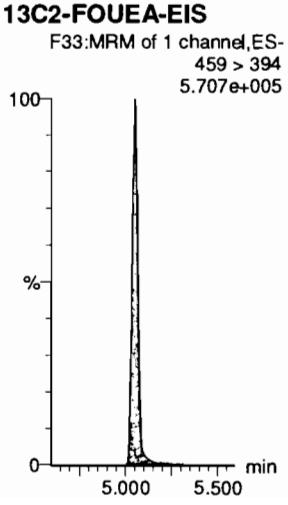
13C3-PFBS-EIS



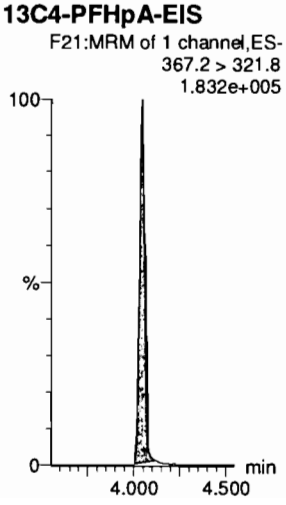
13C3-HFPO-DA-EIS



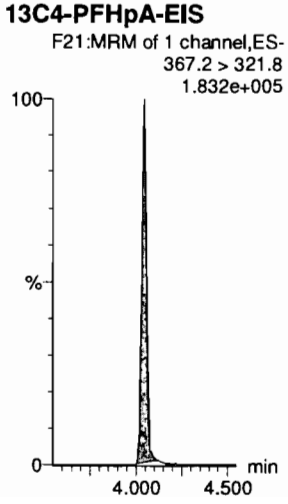
13C2-FOUEA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

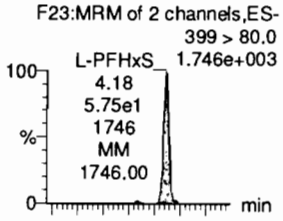


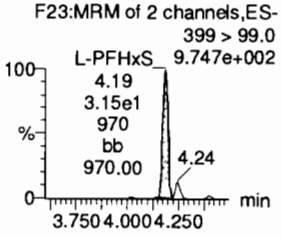
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

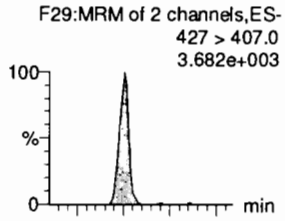
Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

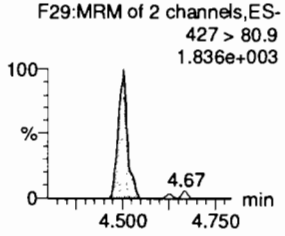
L-PFHxS



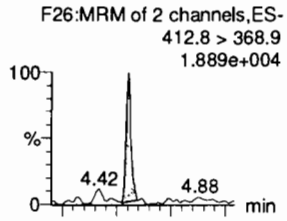


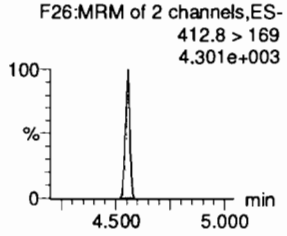
6:2 FTS



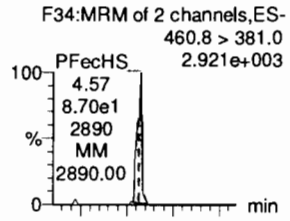


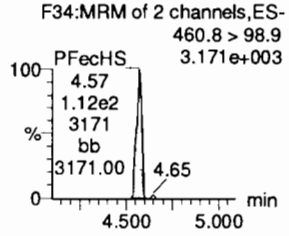
L-PFOA



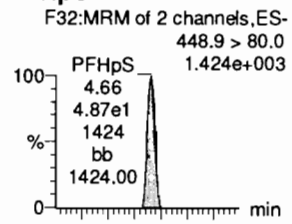


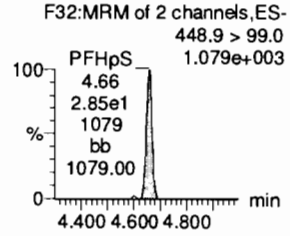
PFEChS



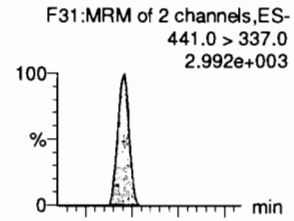


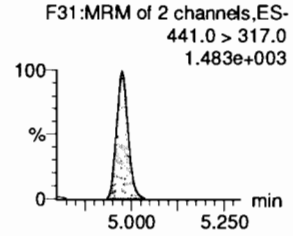
PFHpS



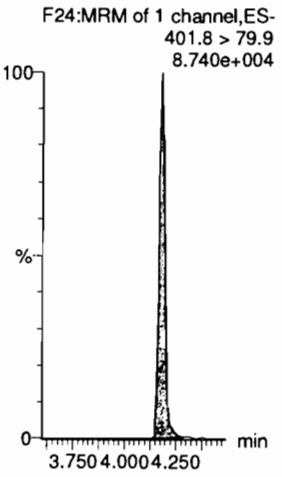


7:3 FTCA

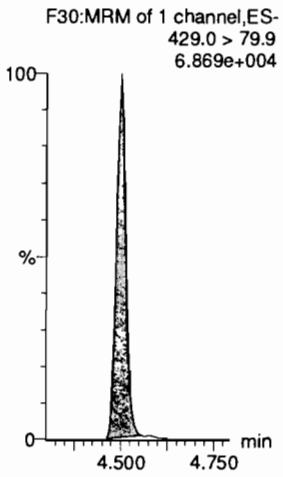




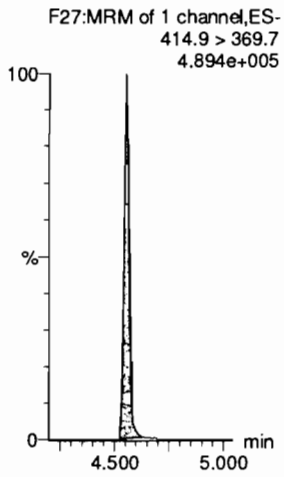
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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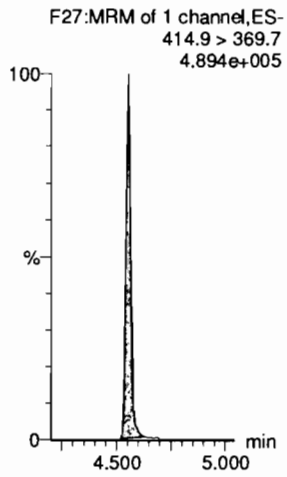
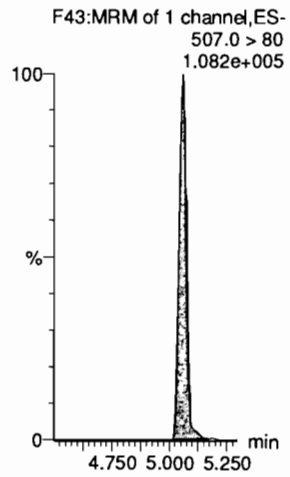
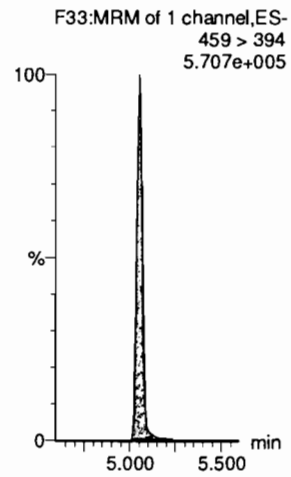


13C8-PFOS-EIS



13C2-FOUEA-EIS



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

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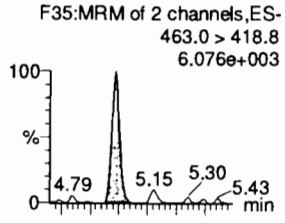

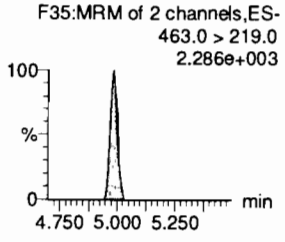

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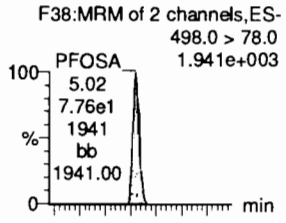

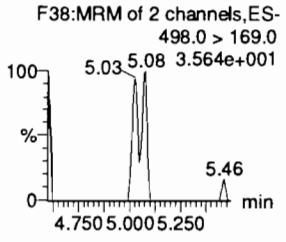

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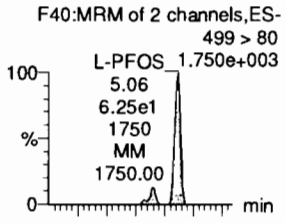
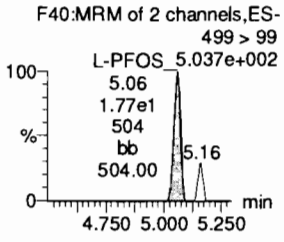
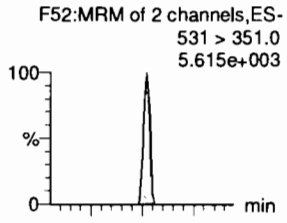
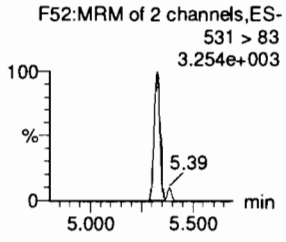




9Cl-PF30NS





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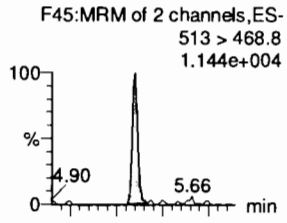
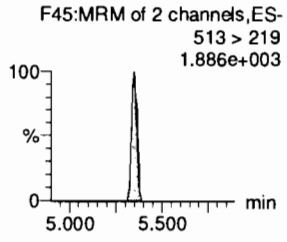
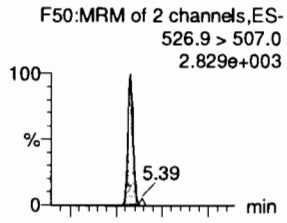
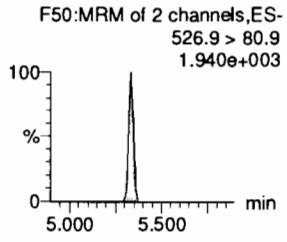


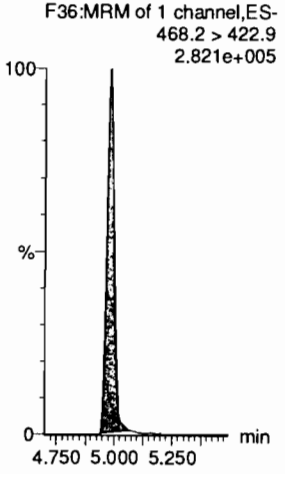


8:2 FTS





13C5-PFNA-EIS



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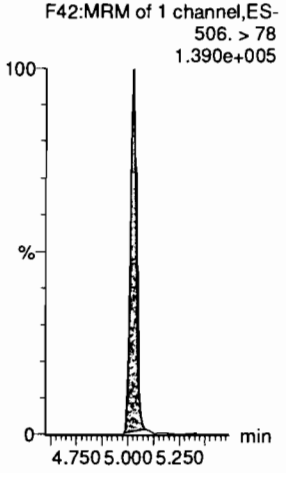

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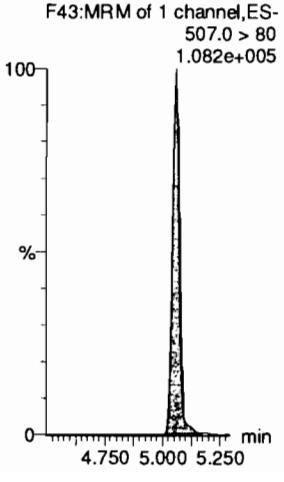

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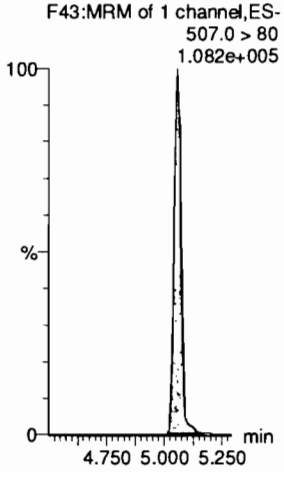
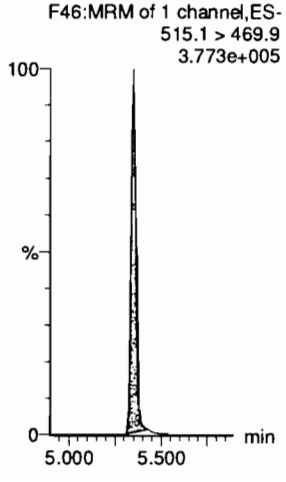
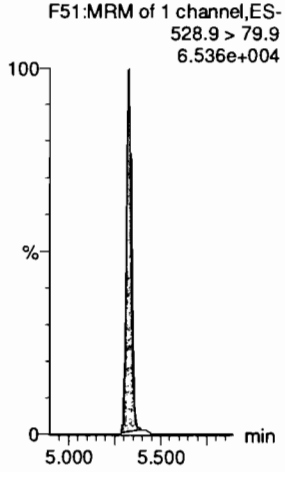


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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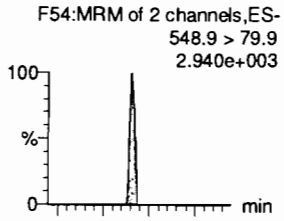
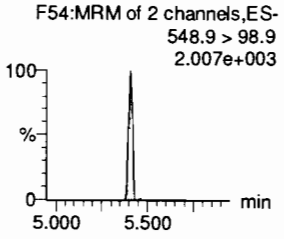
Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

PFNS





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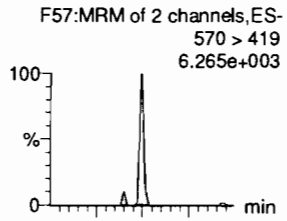

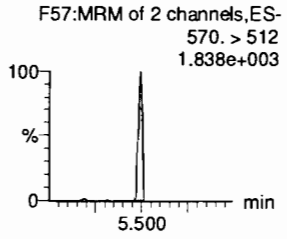

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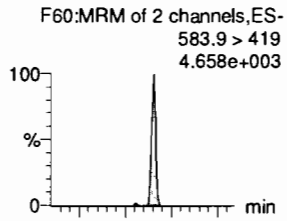

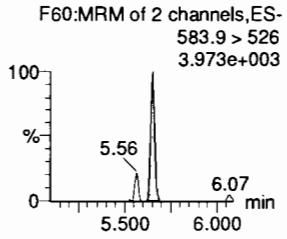

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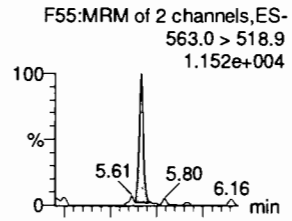

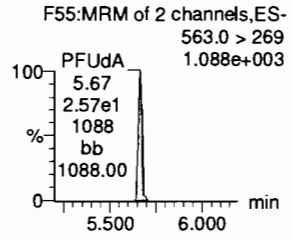

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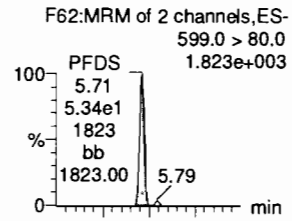

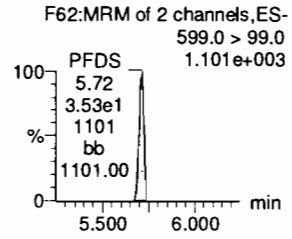

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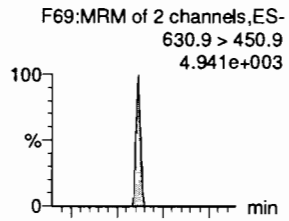
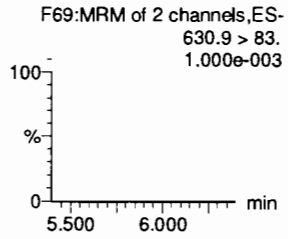
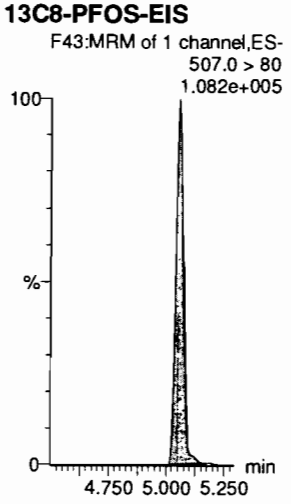
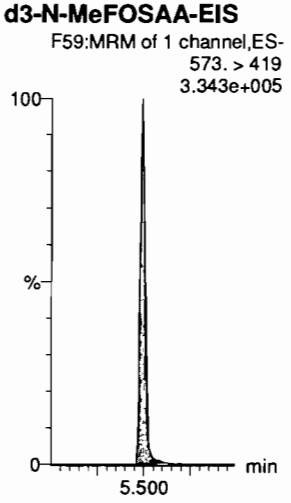




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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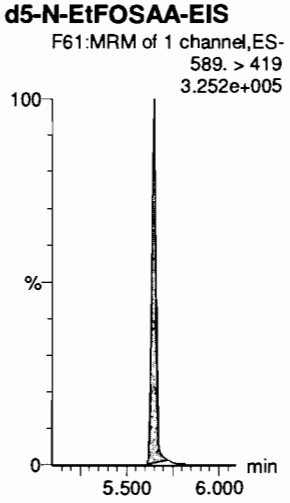

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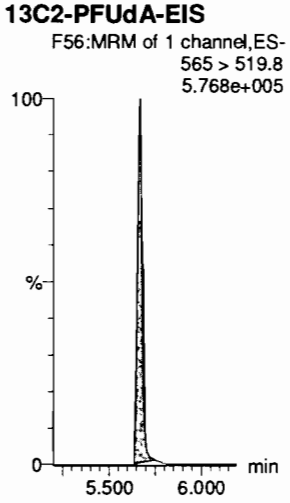

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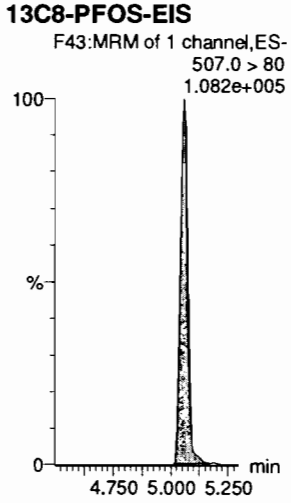

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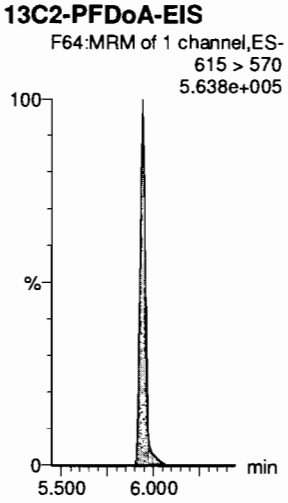

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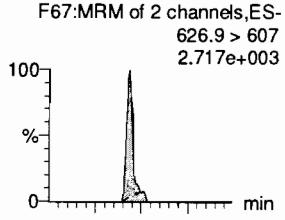
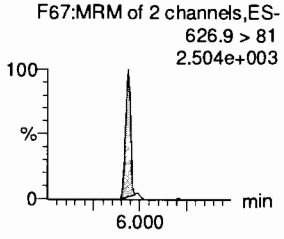
Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

10:2 FTS





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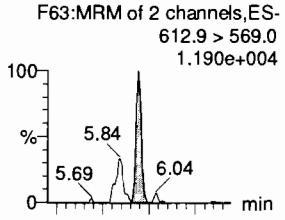
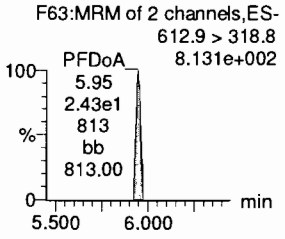
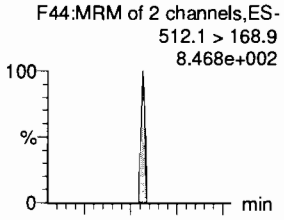
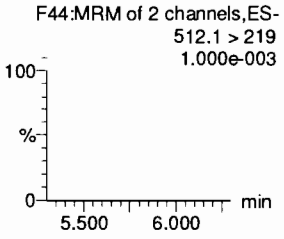




N-MeFOSA





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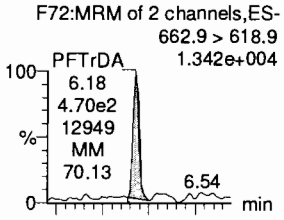

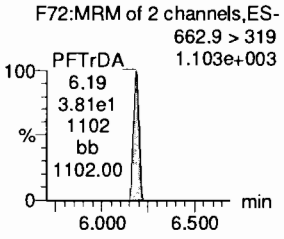

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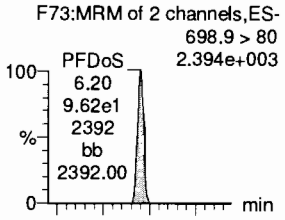

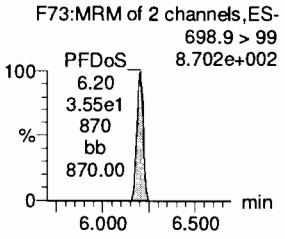

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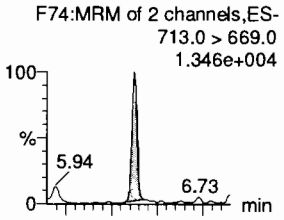
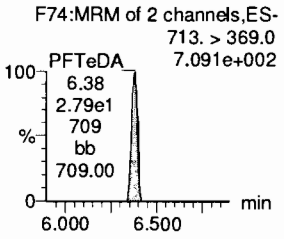
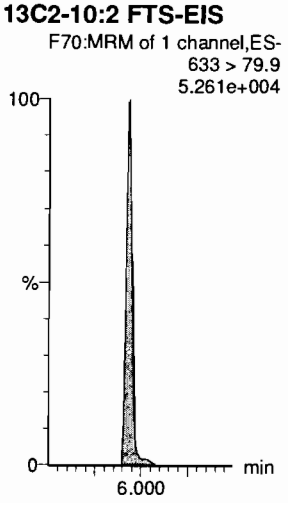
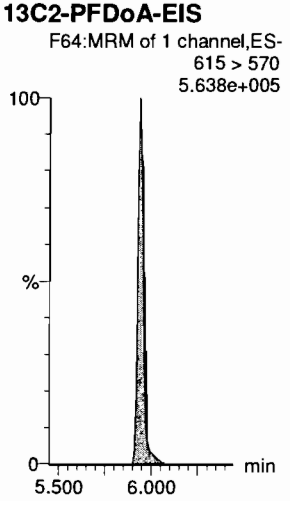




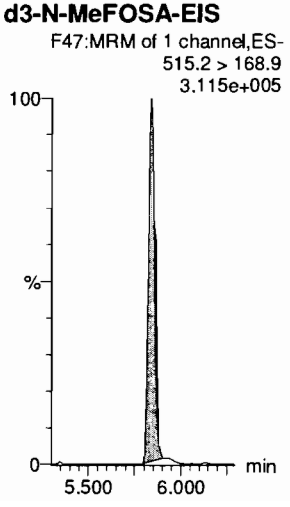
13C2-10:2 FTS-EIS



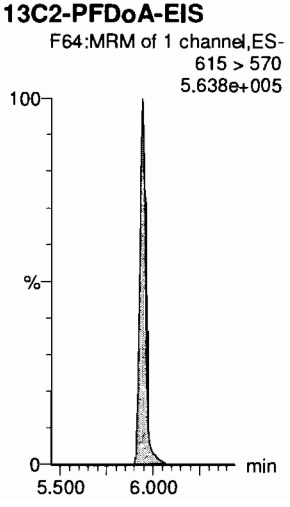
13C2-PFDoA-EIS



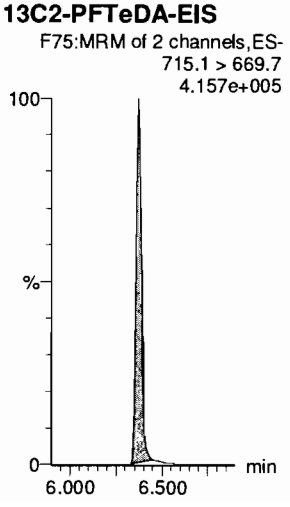
d3-N-MeFOSA-EIS



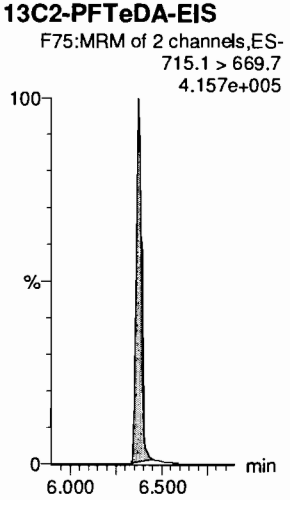
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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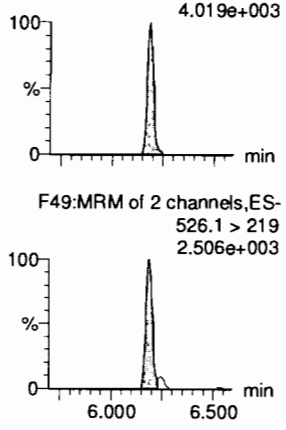
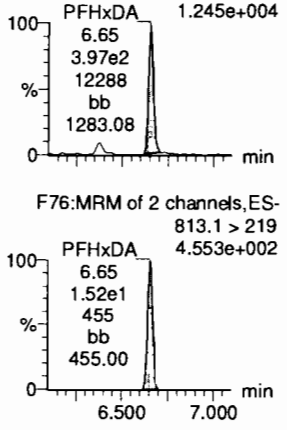
Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

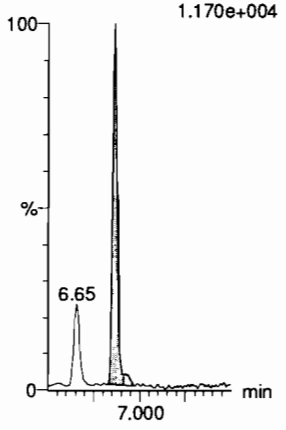
N-EtFOSA



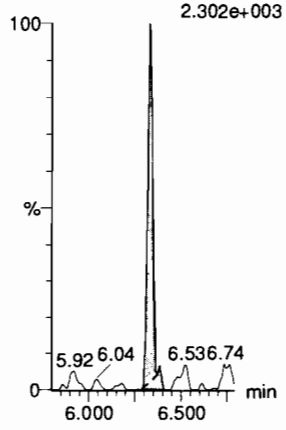
PFHxDA



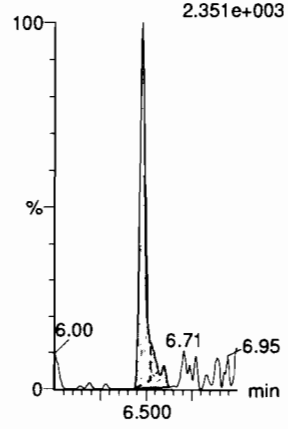
PFODA



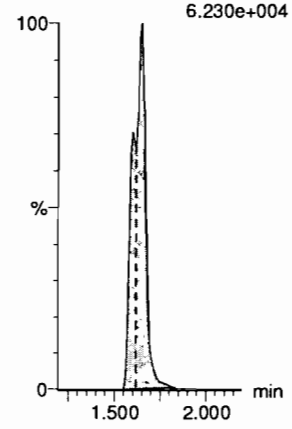
N-MeFOSE



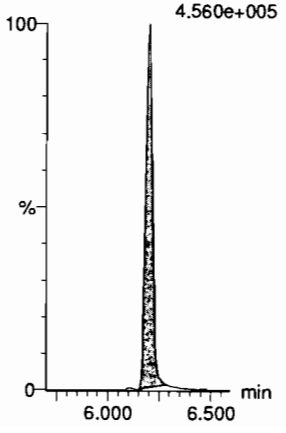
N-EtFOSE



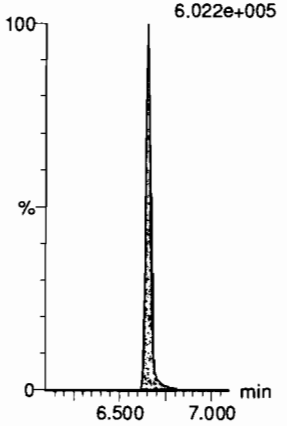
13C3-PFBA-RSD



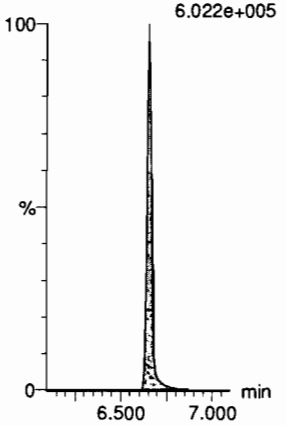
d5-N-ETFOSA-EIS



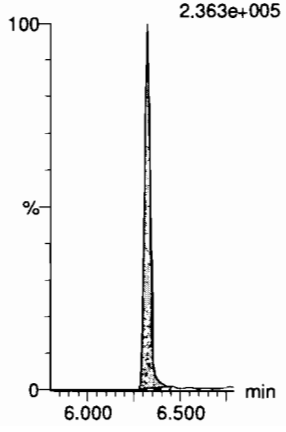
13C2-PFHxDA-EIS



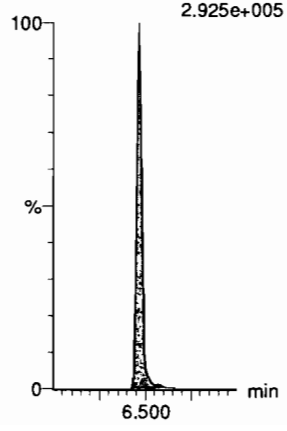
13C2-PFHxDA-EIS



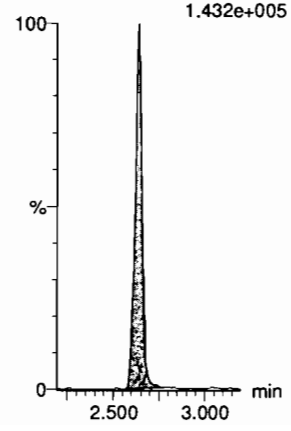
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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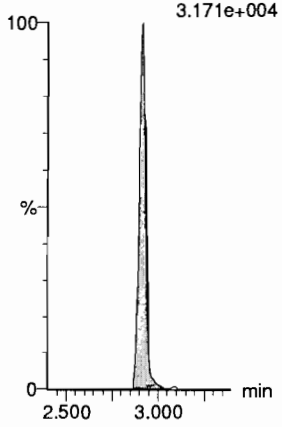
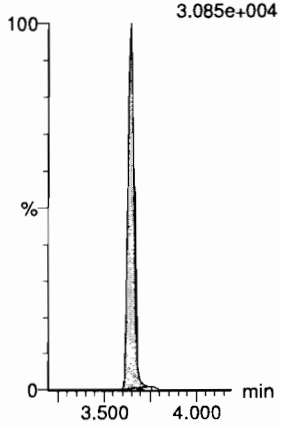
Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

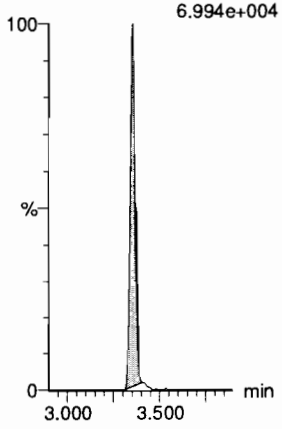
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.171e+004



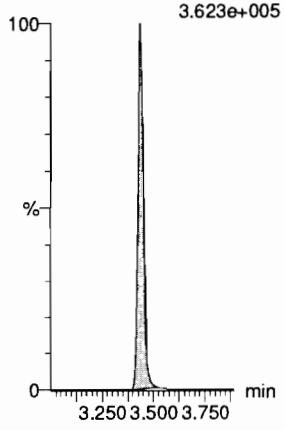
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
3.085e+004



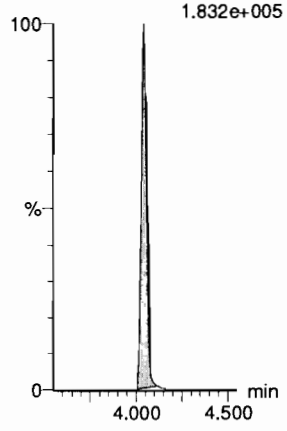
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.994e+004



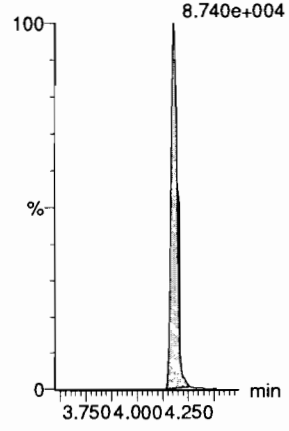
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.623e+005



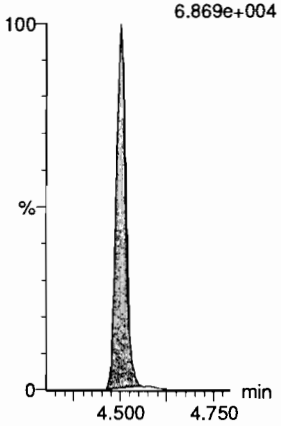
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.832e+005



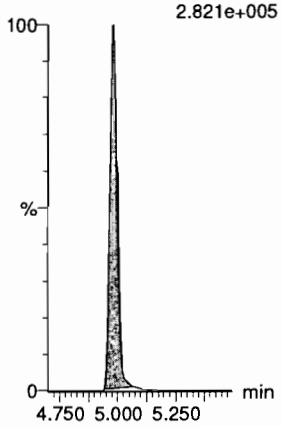
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.740e+004



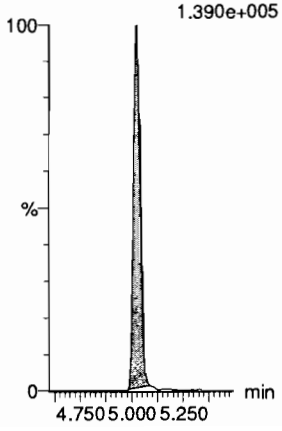
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.869e+004



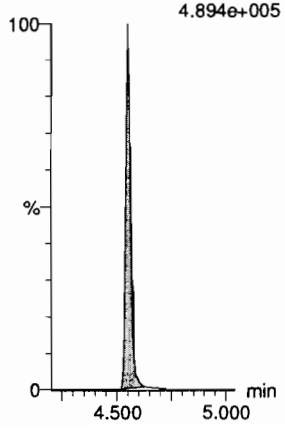
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.821e+005



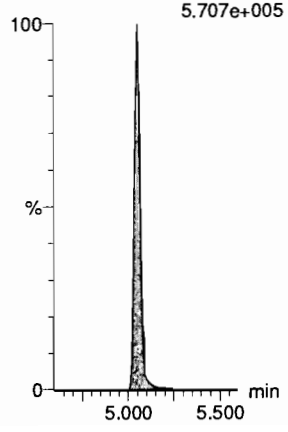
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.390e+005



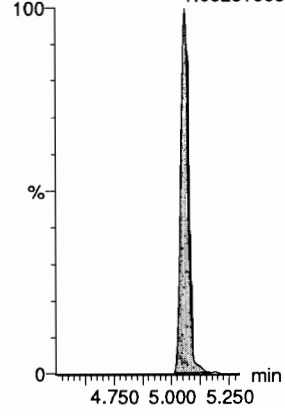
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.894e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.707e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



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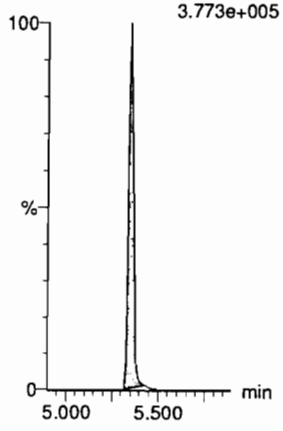
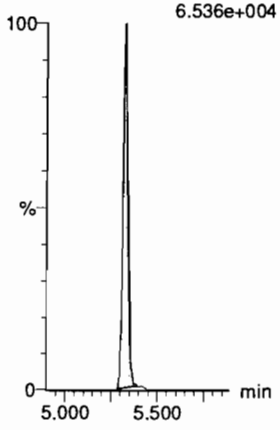
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

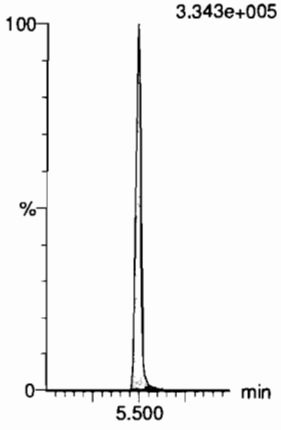
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.773e+005



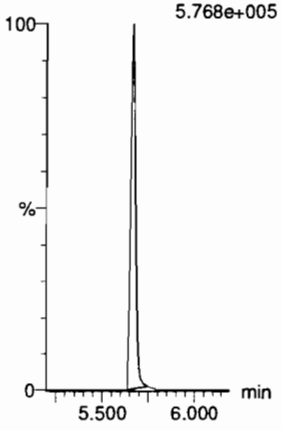
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.536e+004



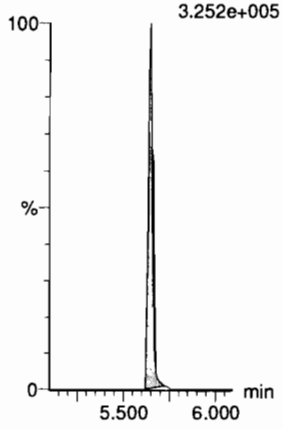
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.343e+005



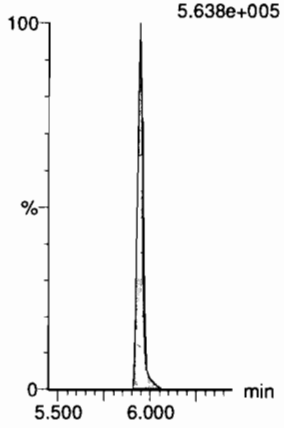
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.768e+005



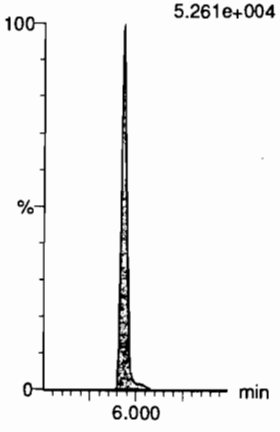
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.252e+005



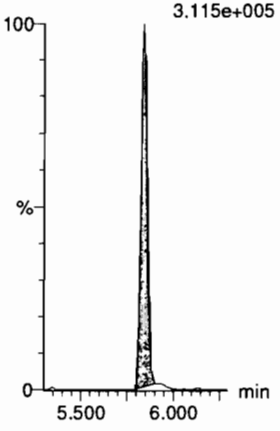
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.638e+005



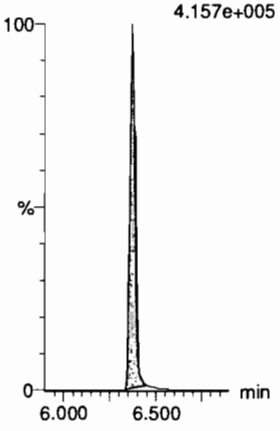
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.261e+004



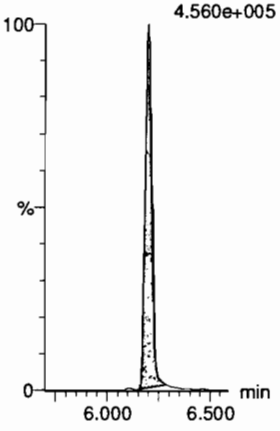
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.115e+005



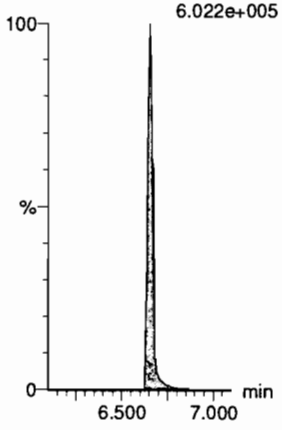
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.157e+005



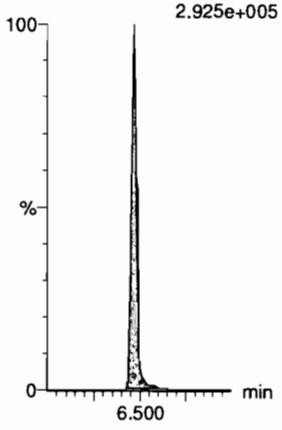
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.560e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.022e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.925e+005



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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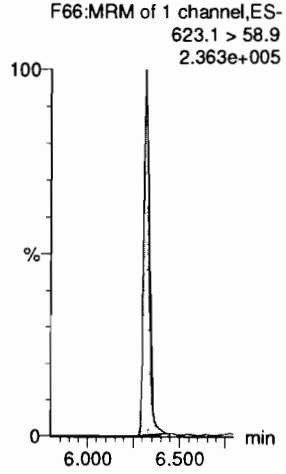
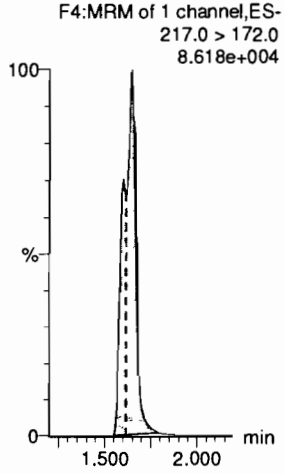
Name: 200630M1_3, Date: 30-Jun-2020, Time: 15:44:08, ID: ST200630M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

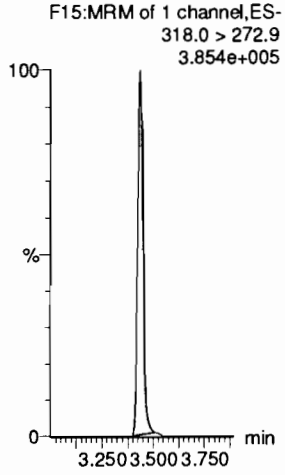
d7-N-MeFOSE-RSD



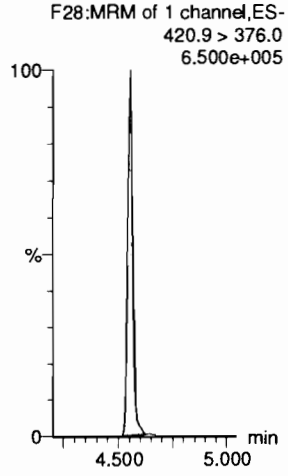
13C4-PFBA



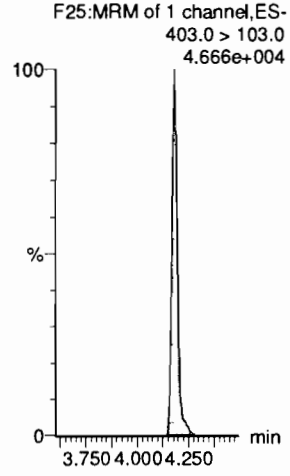
13C5-PFHxA



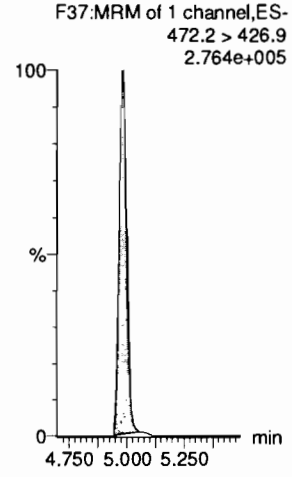
13C8-PFOA



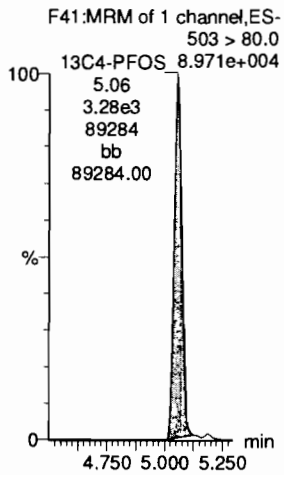
18O2-PFHxS



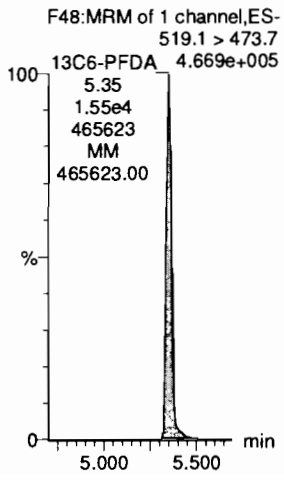
13C9-PFNA



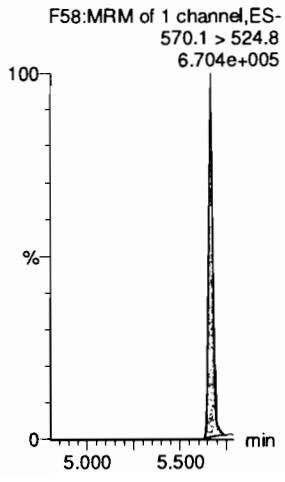
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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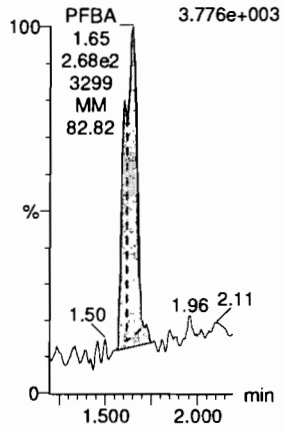
Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFBA



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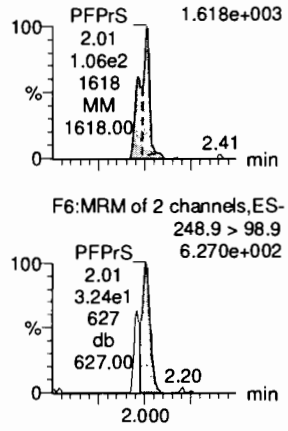
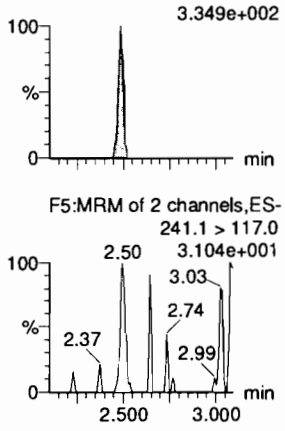
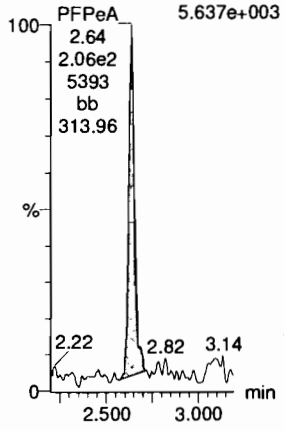


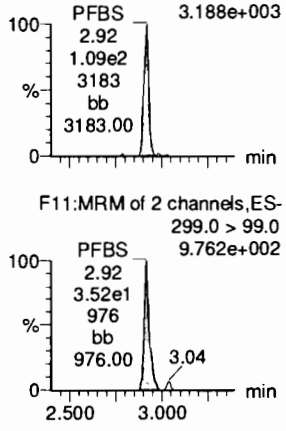
3:3 FTCA



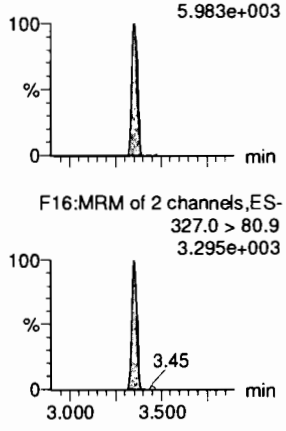
PFPeA



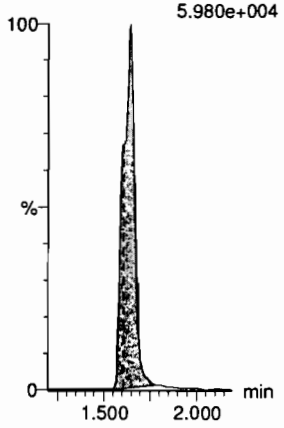
PFBS



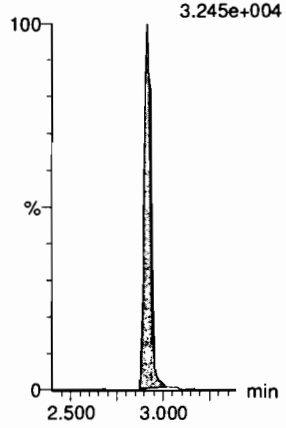
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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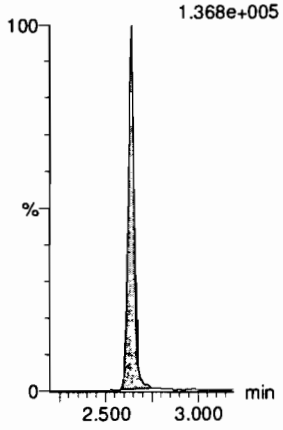
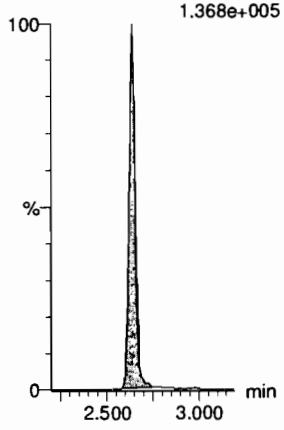


13C3-PFPeA-EIS



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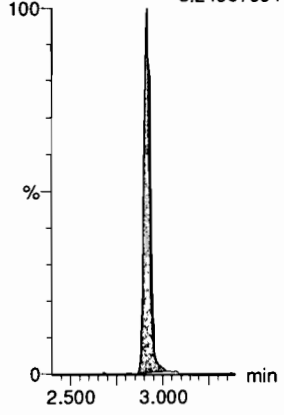
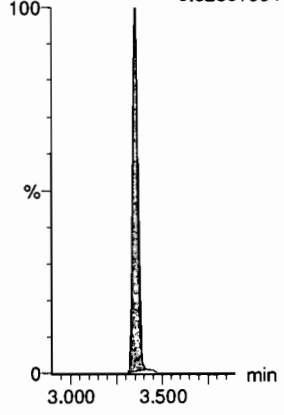


13C2-4:2 FTS-EIS



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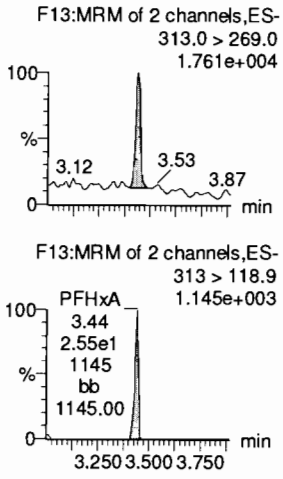
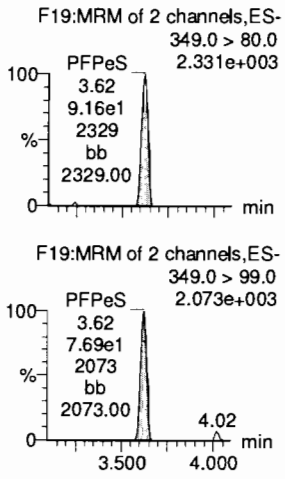
Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

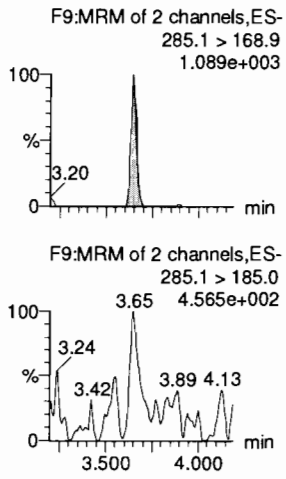
PFHxA



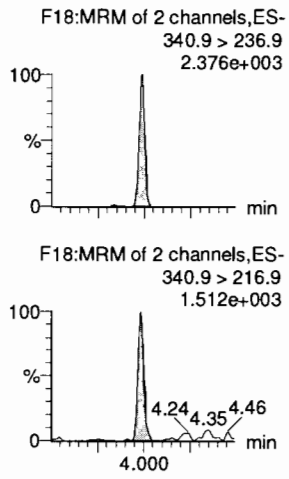
PFPeS



HFPO-DA



5:3 FTCA



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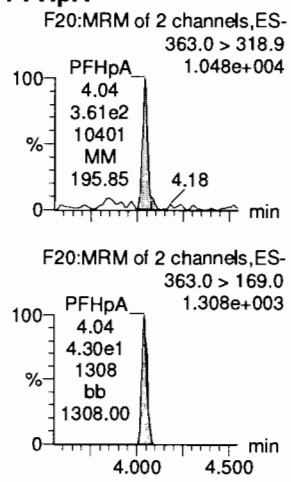

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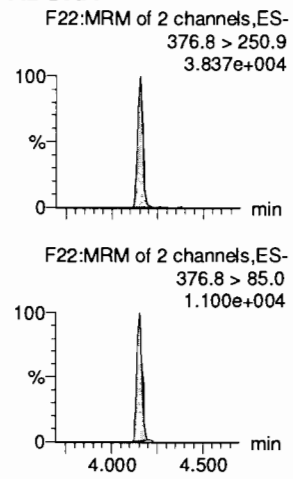
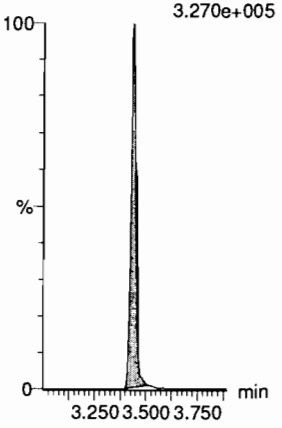
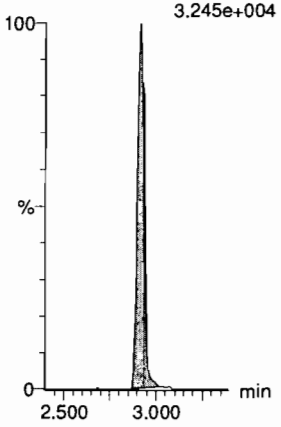


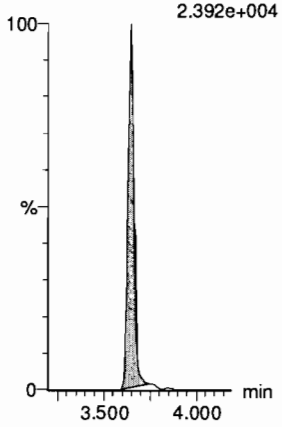
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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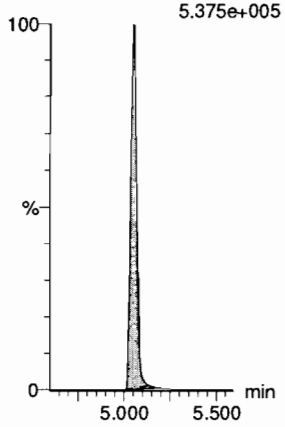
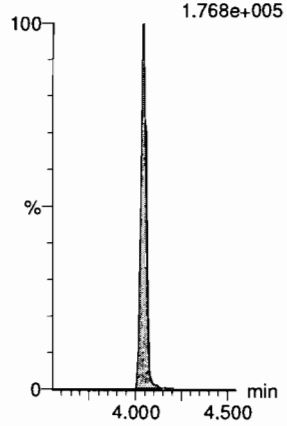


13C4-PFHpA-EIS



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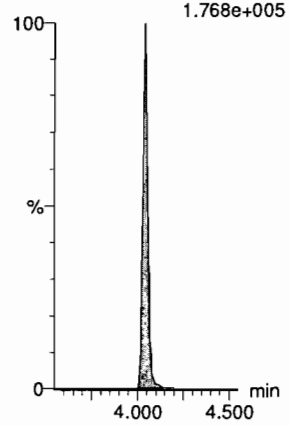

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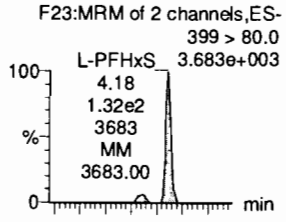
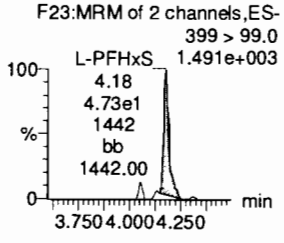
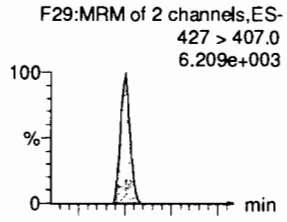
Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

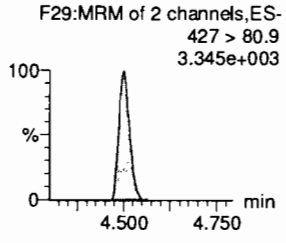
L-PFHxS



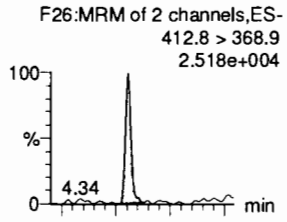


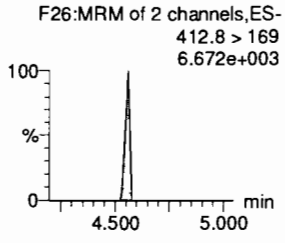
6:2 FTS



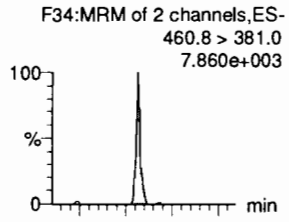


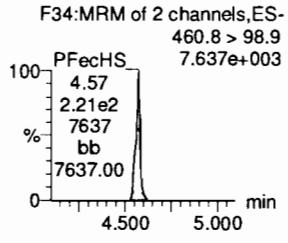
L-PFOA



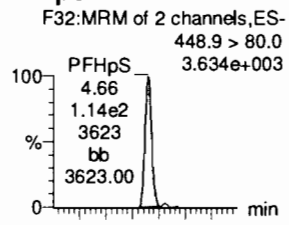


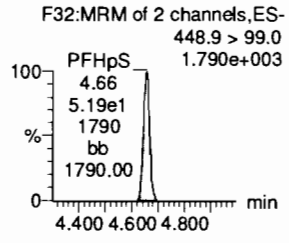
PFEChS



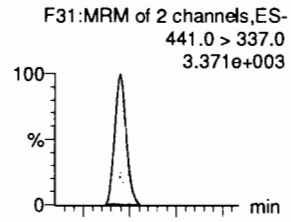


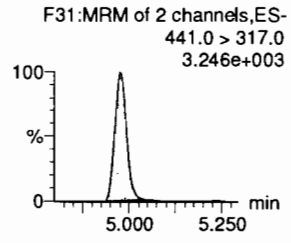
PFHpS



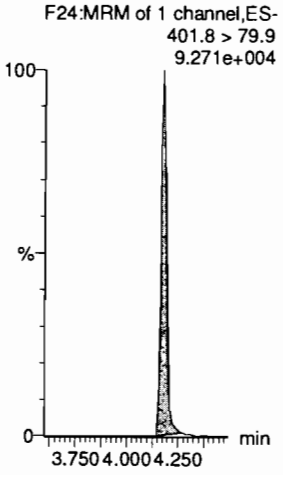


7:3 FTCA

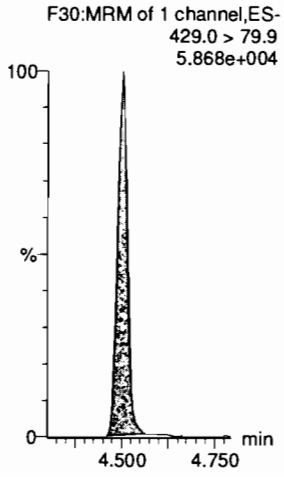




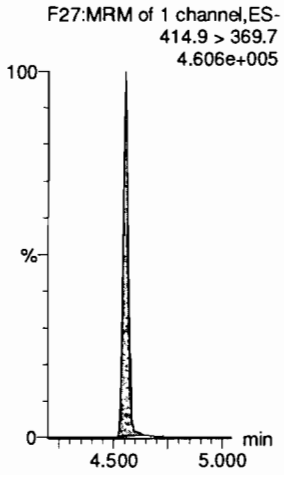
13C3-PFHxS-EIS



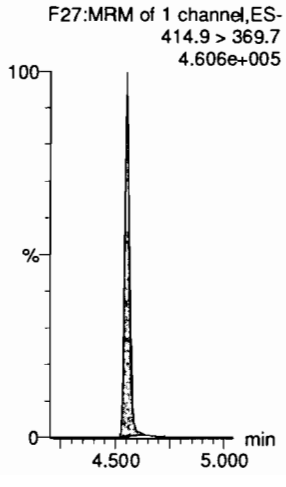
13C2-6:2 FTS-EIS



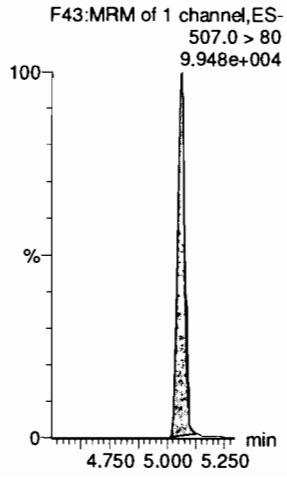
13C2-PFOA-EIS



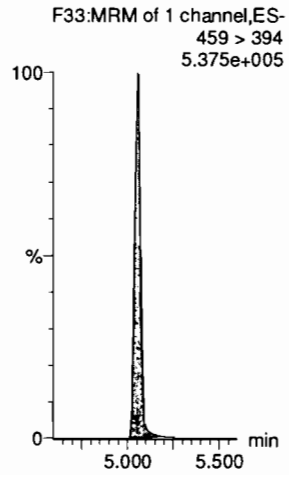
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



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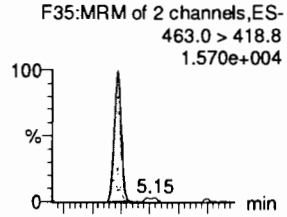
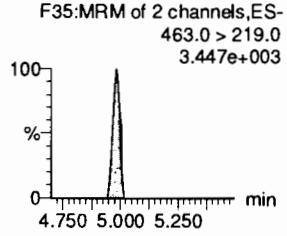
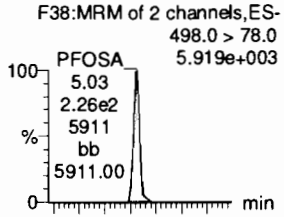
Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

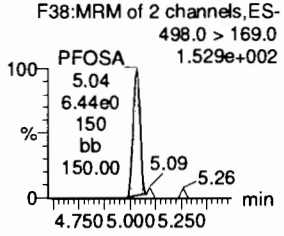
PFNA



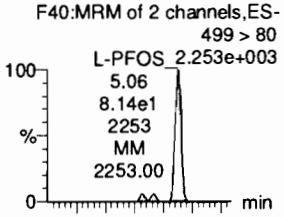


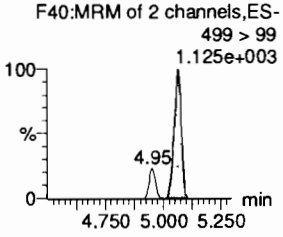
PFOSA



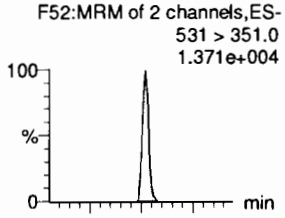


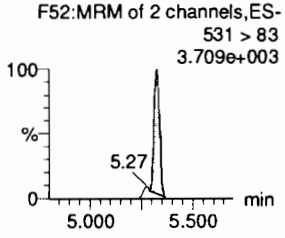
L-PFOS





9Cl-PF30NS





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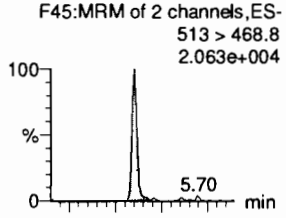
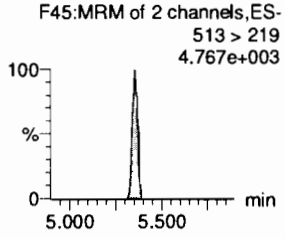
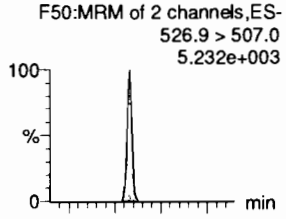
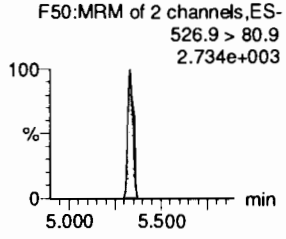


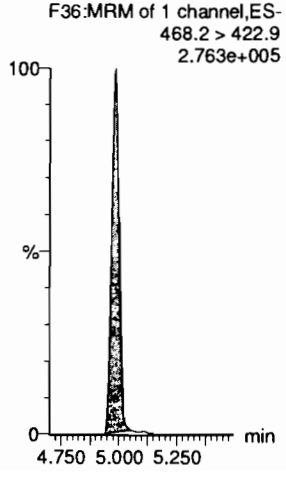


8:2 FTS

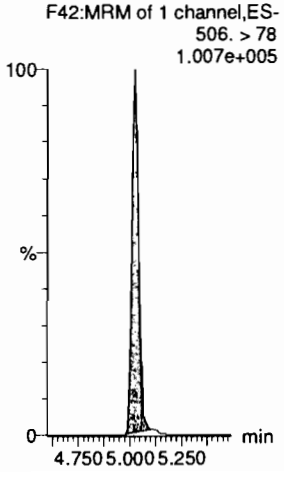




13C5-PFNA-EIS



13C8-PFOSA-EIS



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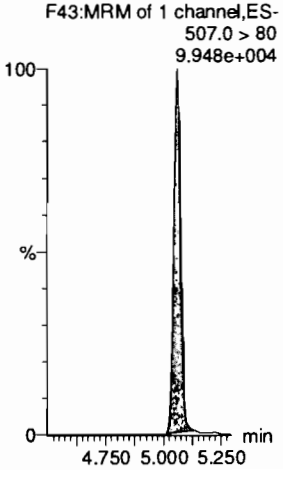

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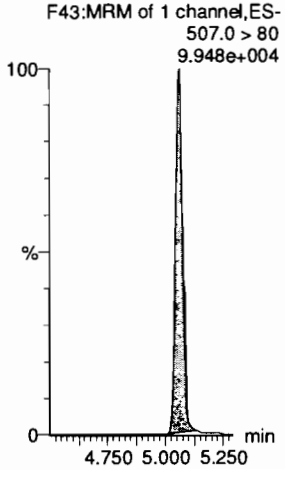
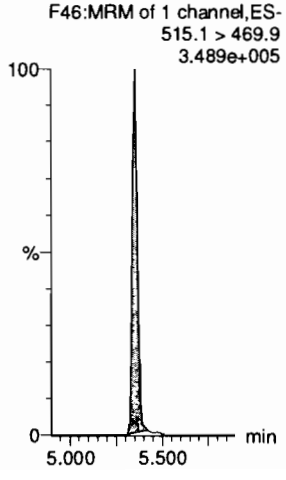
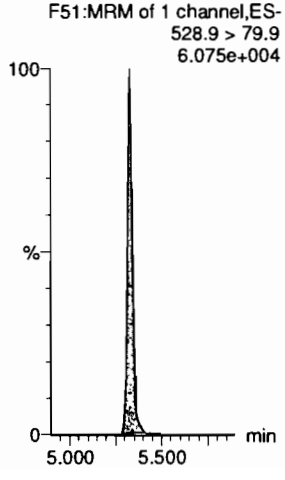


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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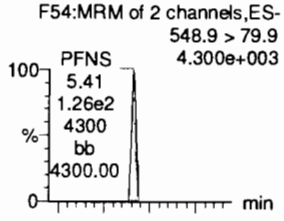
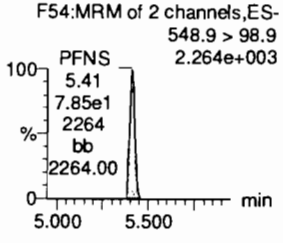
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFNS





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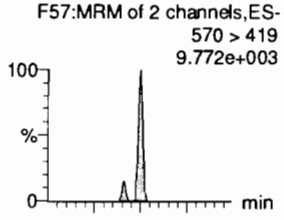

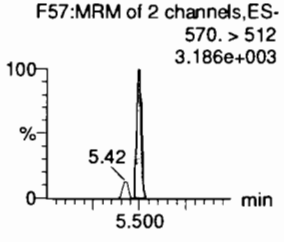

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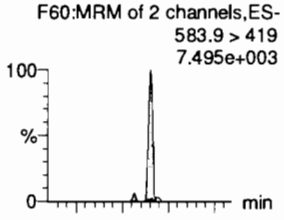
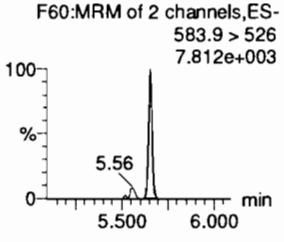
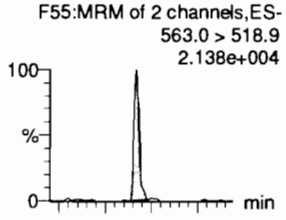
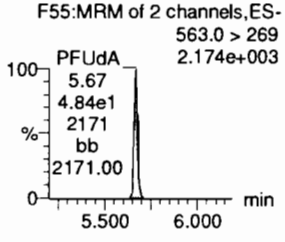




PFUdA





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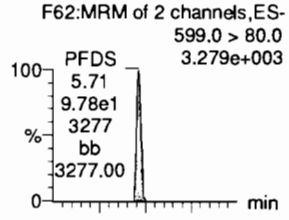
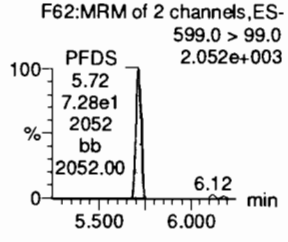
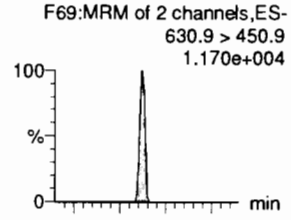
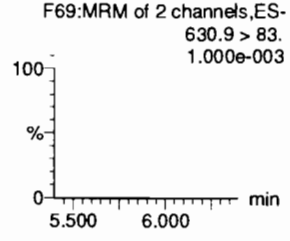


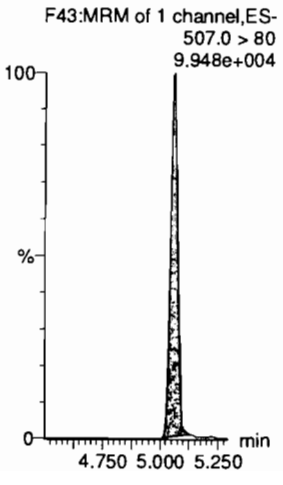


11Cl-PF30UdS

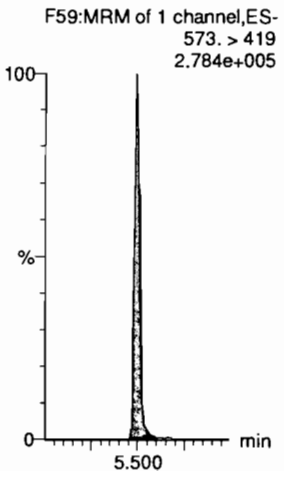




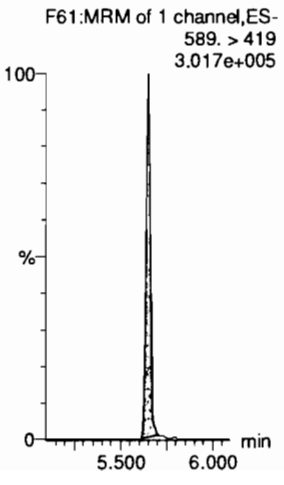
13C8-PFOS-EIS



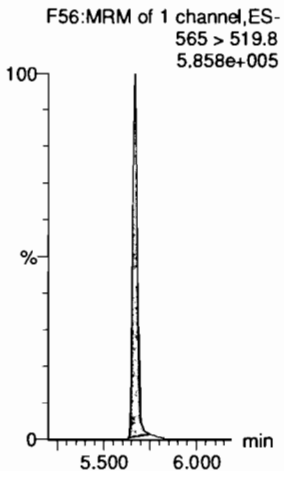
d3-N-MeFOSAA-EIS



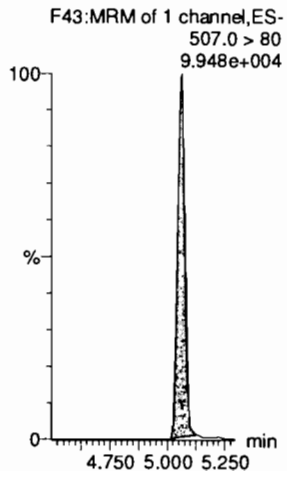
d5-N-EtFOSAA-EIS



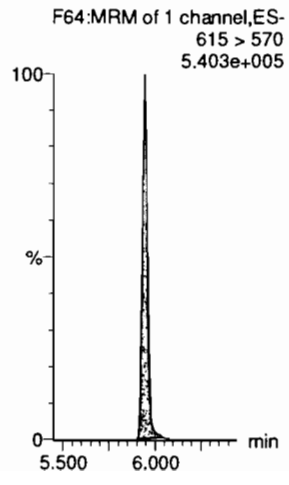
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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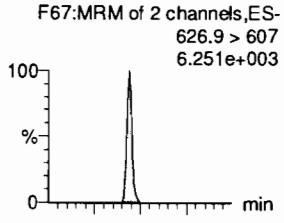
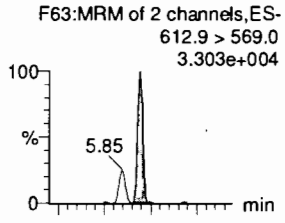
Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

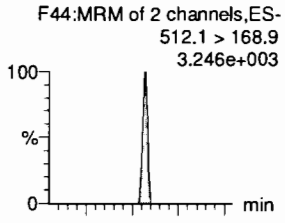
10:2 FTS



PFDoA



N-MeFOSA



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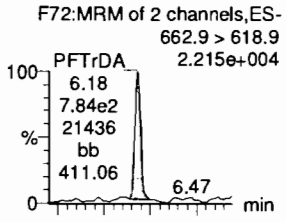

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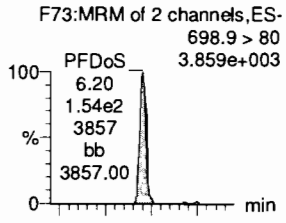
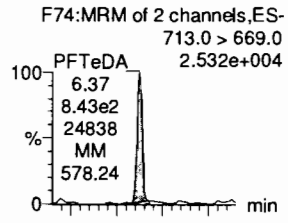
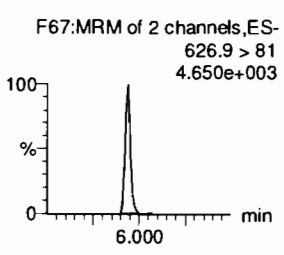
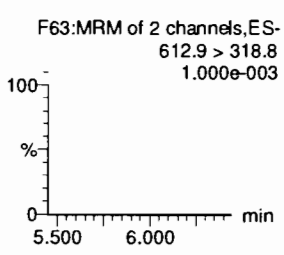
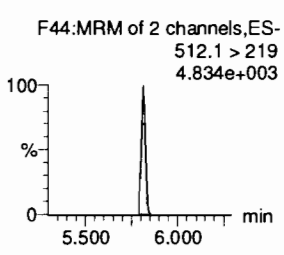


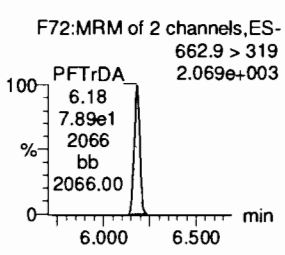
PFTeDA

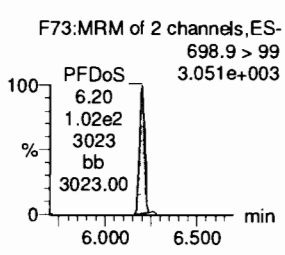


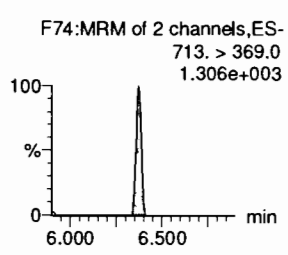




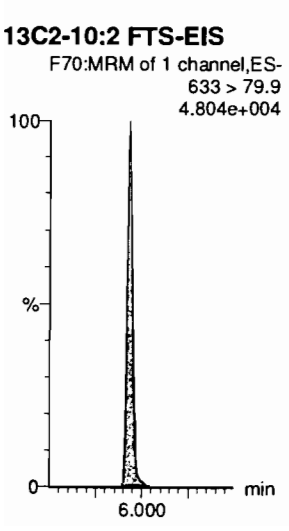




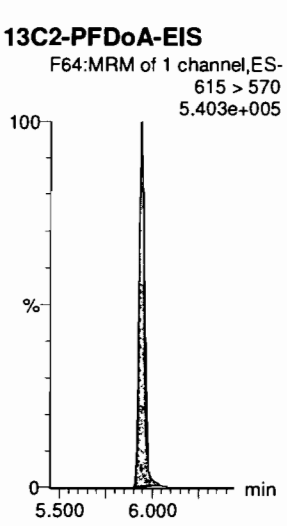




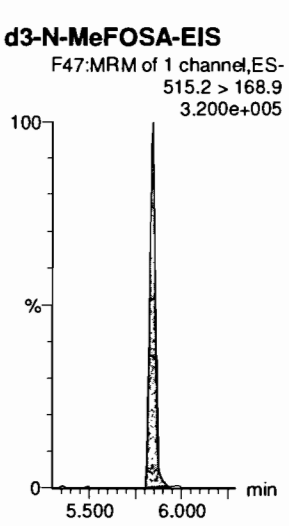
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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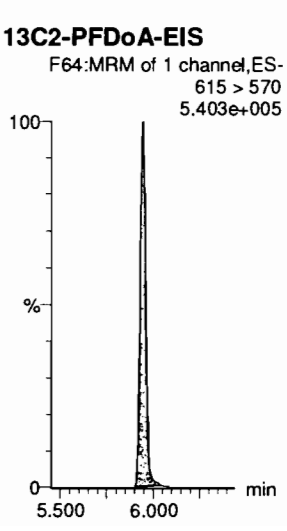
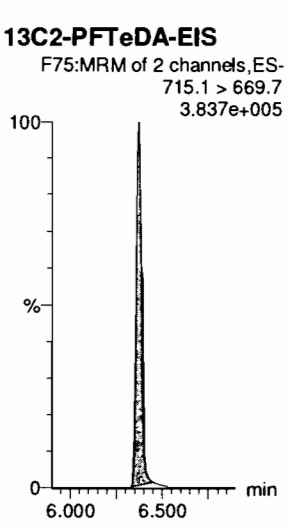


13C2-PFTeDA-EIS



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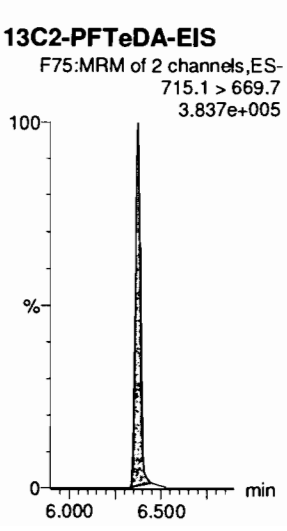

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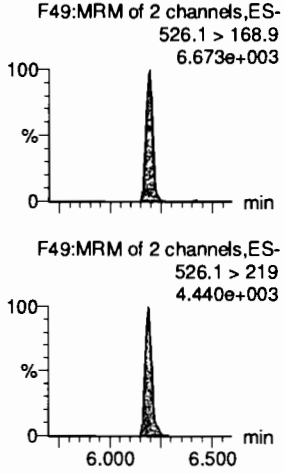
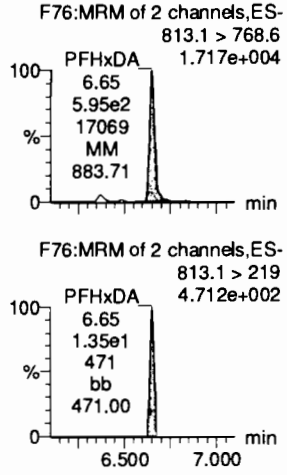
Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

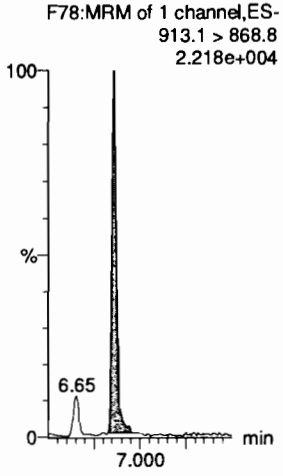
N-EtFOSA



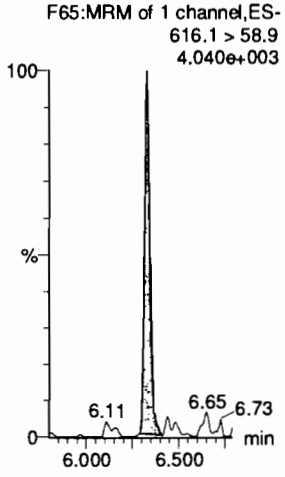
PFHxDA



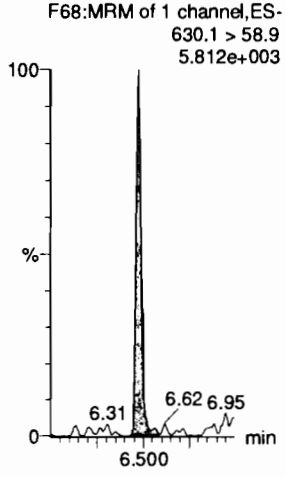
PFODA



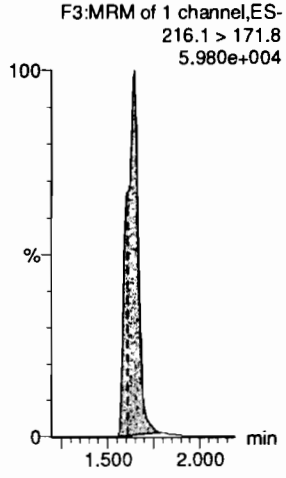
N-MeFOSE



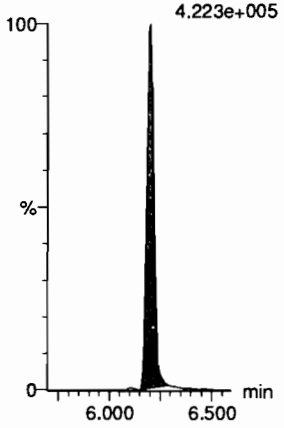
N-EtFOSE



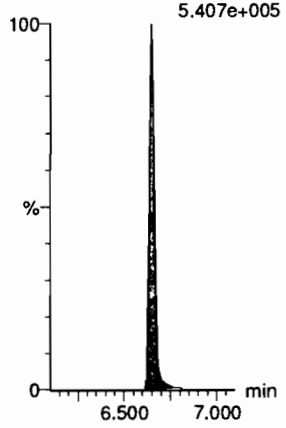
13C3-PFBA-RSD



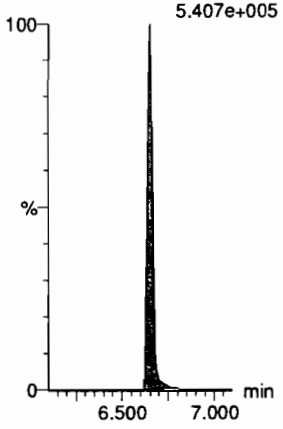
d5-N-ETFOSA-EIS



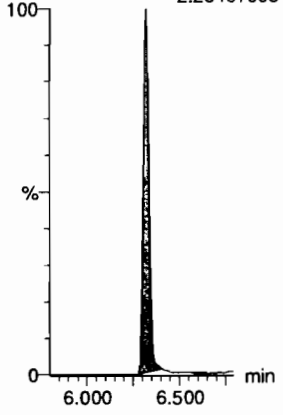
13C2-PFHxDA-EIS



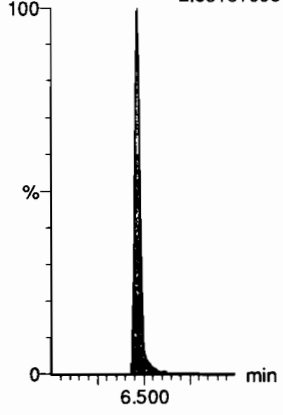
13C2-PFHxDA-EIS



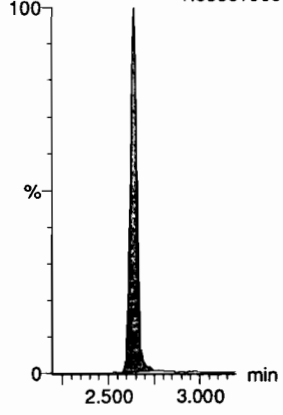
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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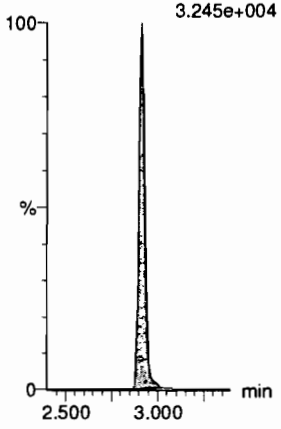
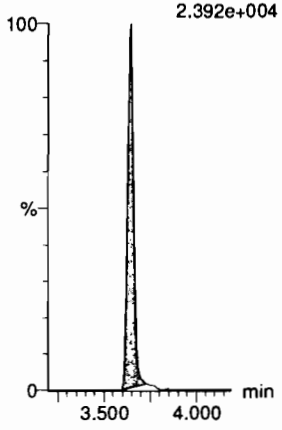
Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

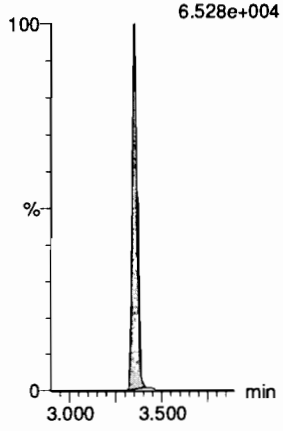
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.245e+004



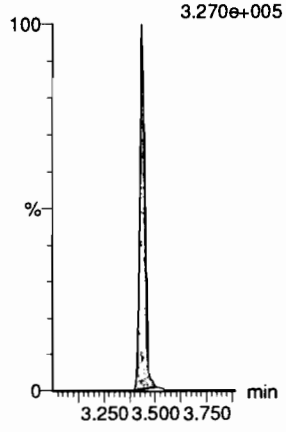
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.392e+004



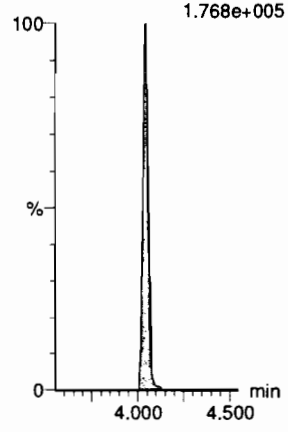
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.528e+004



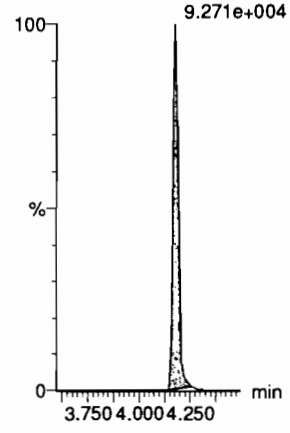
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.270e+005



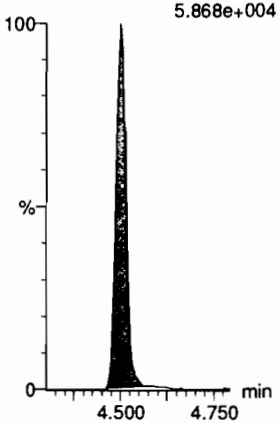
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.768e+005



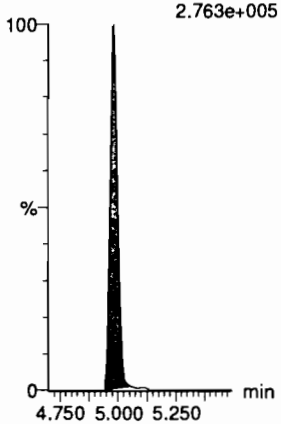
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.271e+004



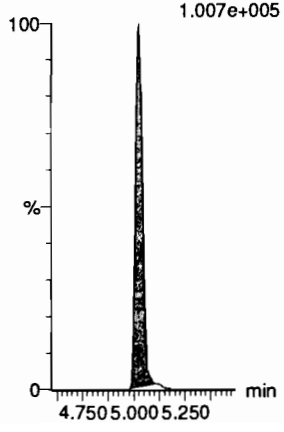
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.868e+004



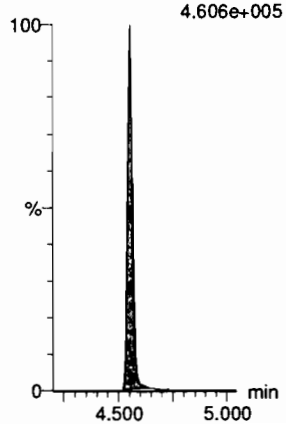
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.763e+005



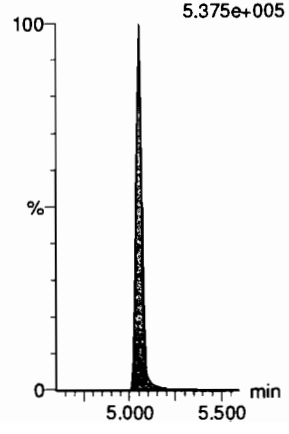
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.007e+005



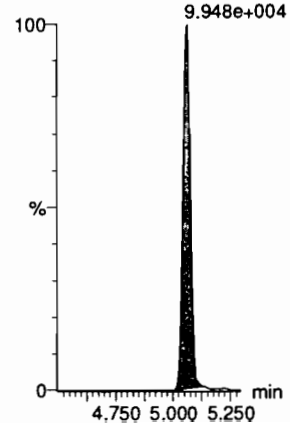
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.606e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.375e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.948e+004

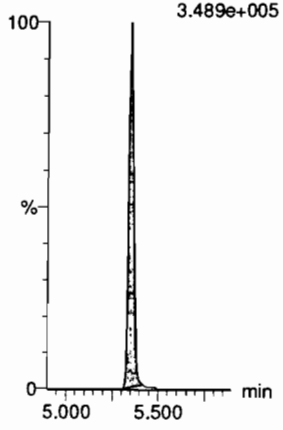


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

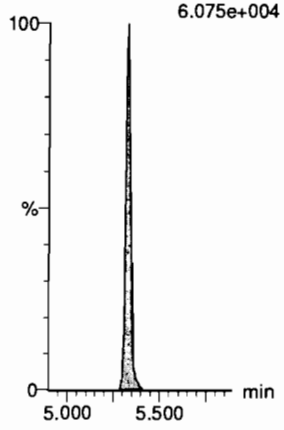
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

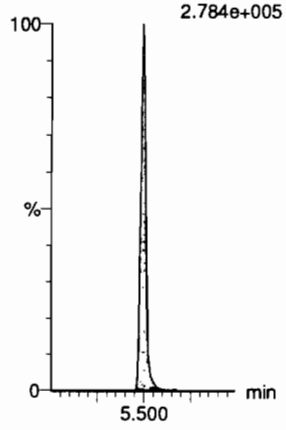
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.489e+005



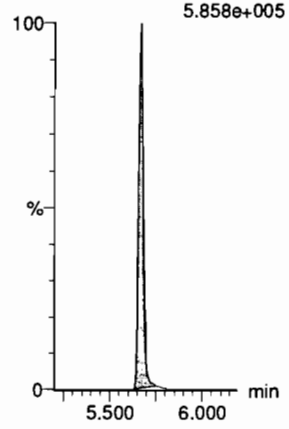
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.075e+004



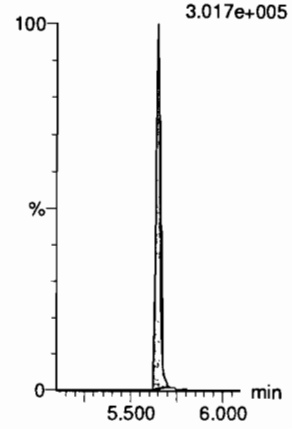
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.784e+005



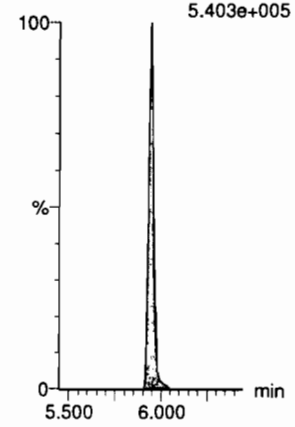
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.858e+005



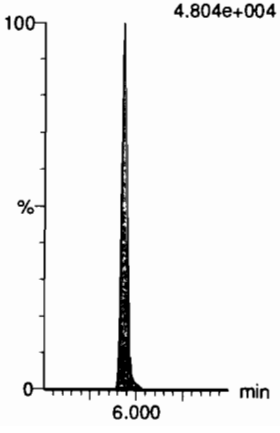
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.017e+005



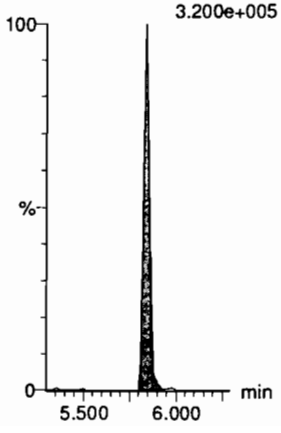
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.403e+005



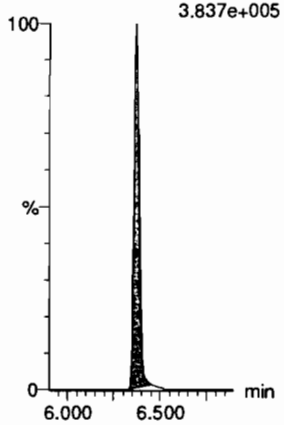
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.804e+004



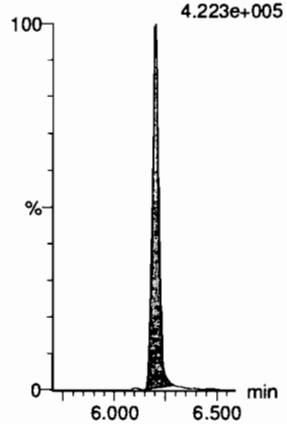
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.200e+005



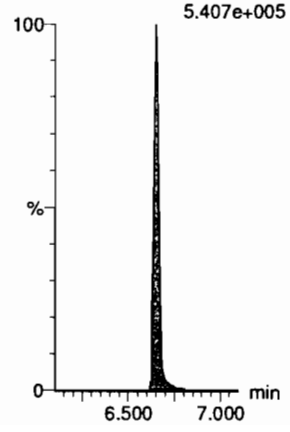
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.837e+005



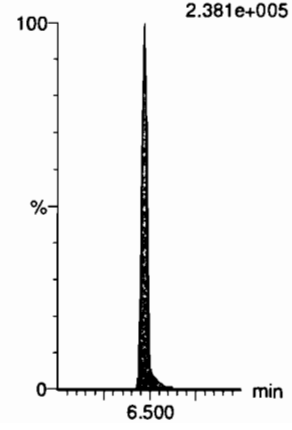
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.223e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.407e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.381e+005



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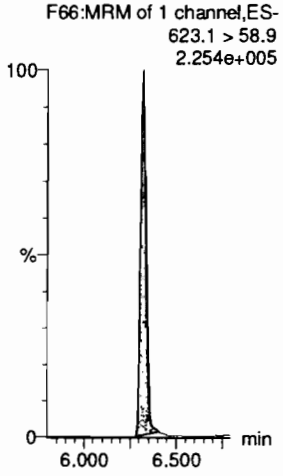
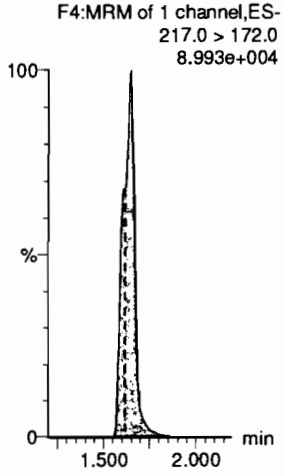
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_4, Date: 30-Jun-2020, Time: 15:54:31, ID: ST200630M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

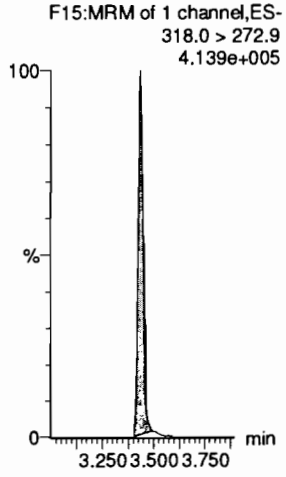
d7-N-MeFOSE-RSD



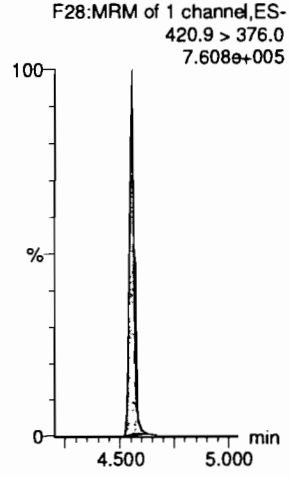
13C4-PFBA



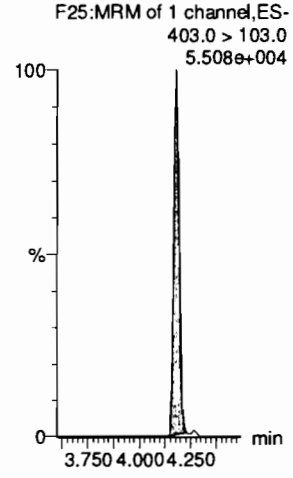
13C5-PFHxA



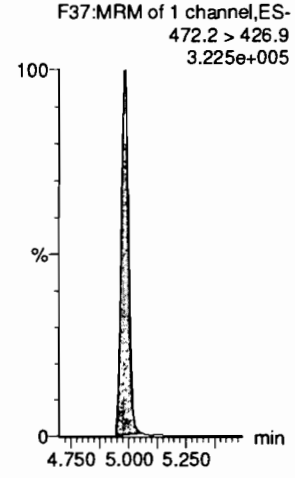
13C8-PFOA



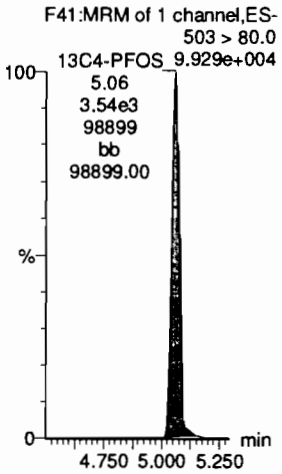
18O2-PFHxS



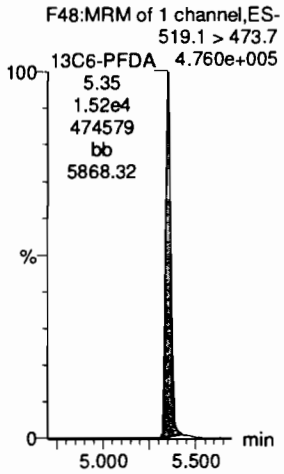
13C9-PFNA



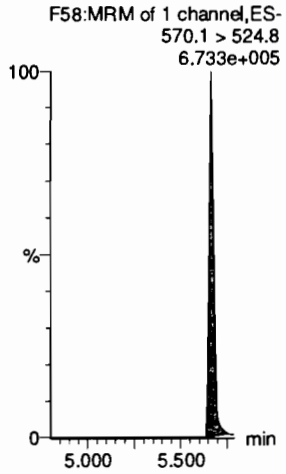
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

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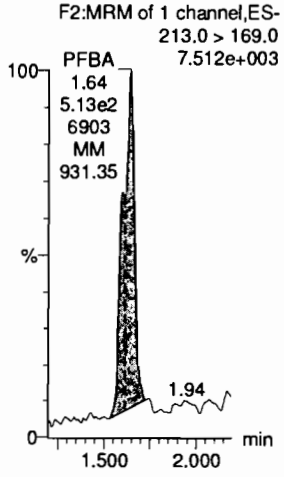
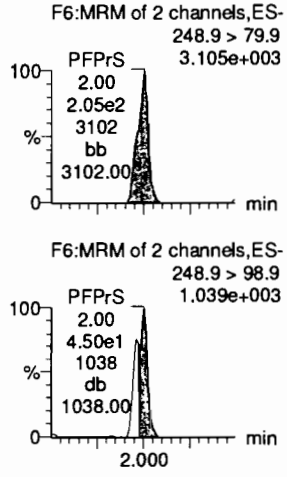
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

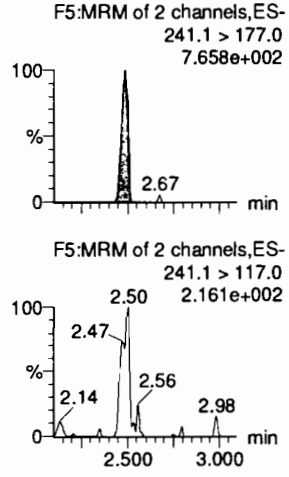
PFBA



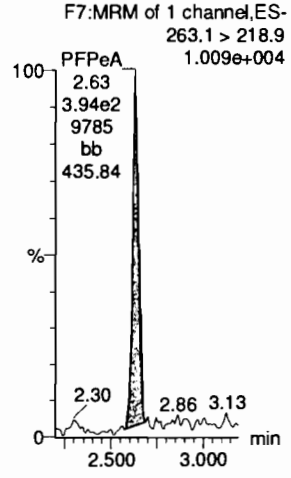
PFPrS



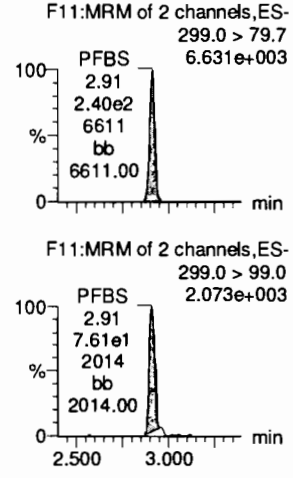
3:3 FTCA



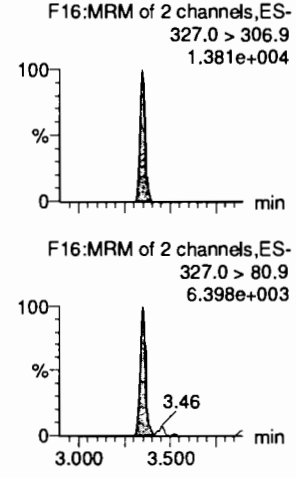
PFPeA



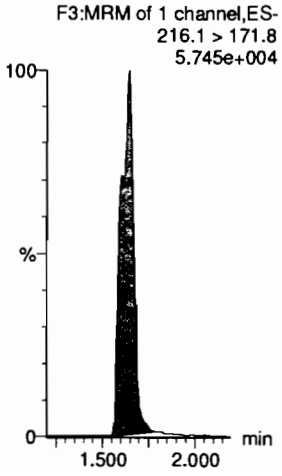
PFBS



4:2 FTS



13C3-PFBA-EIS



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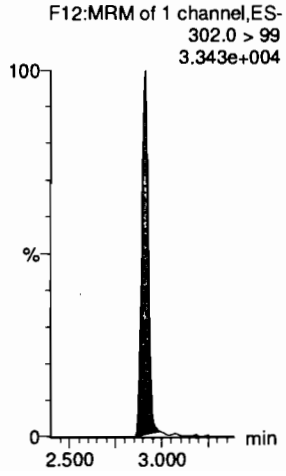
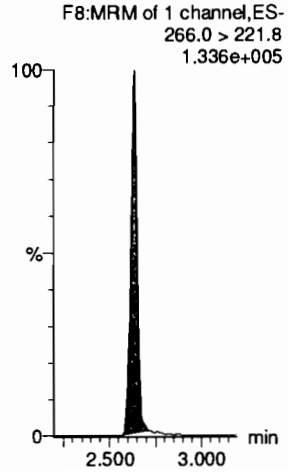


13C3-PFPeA-EIS



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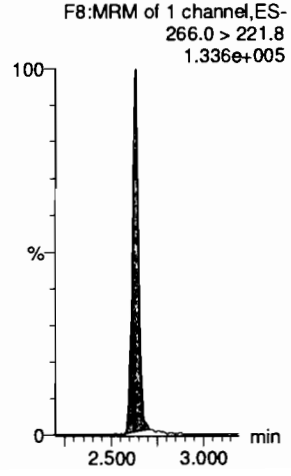

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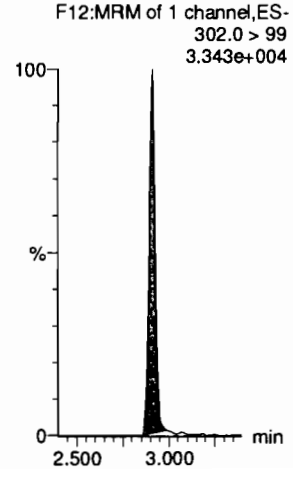
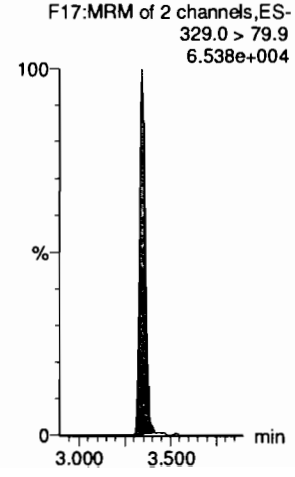


13C2-4:2 FTS-EIS



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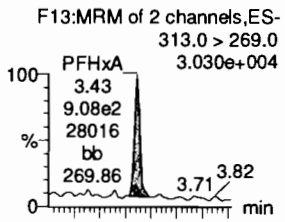
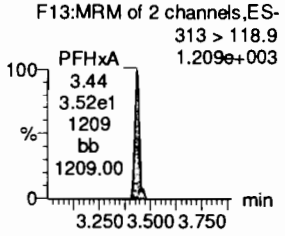
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

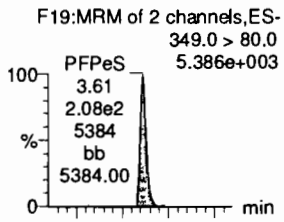
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

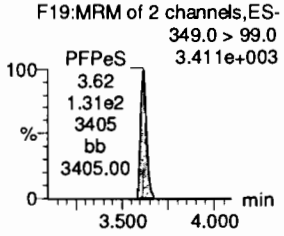
PFHxA



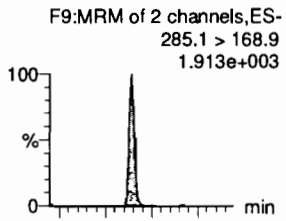


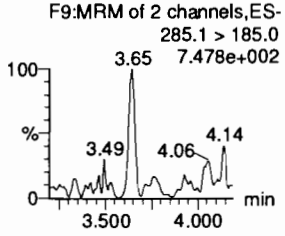
PFPeS



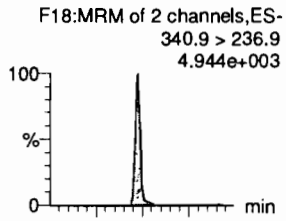


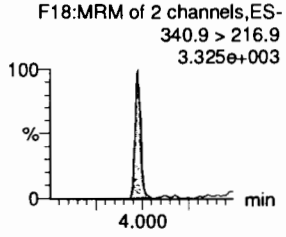
HFPO-DA



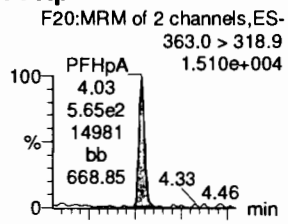


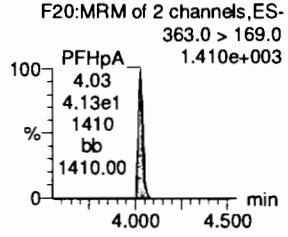
5:3 FTCA



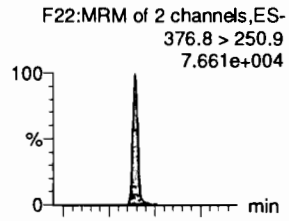


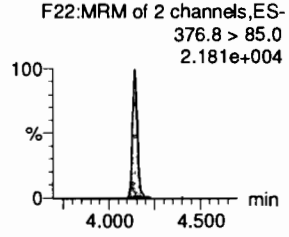
PFHpA



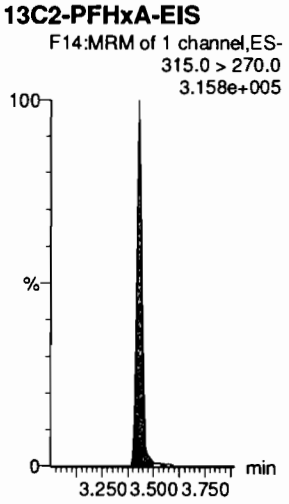


ADONA

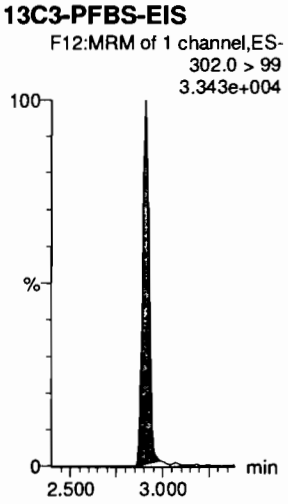




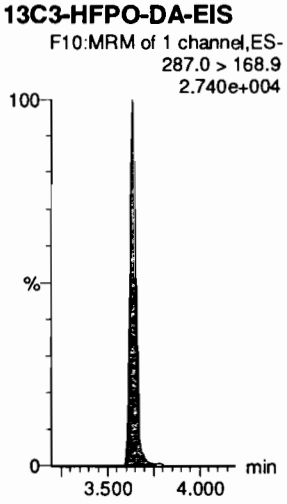
13C2-PFHxA-EIS



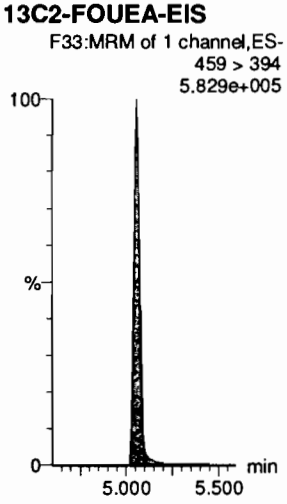
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C2-FOUEA-EIS



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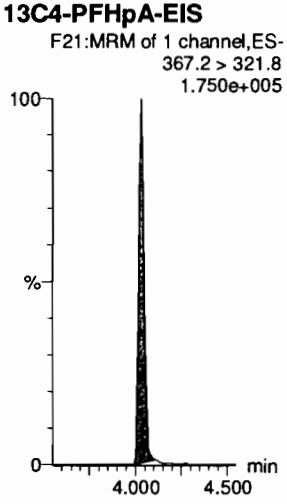

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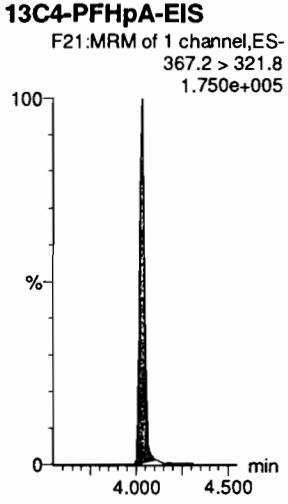

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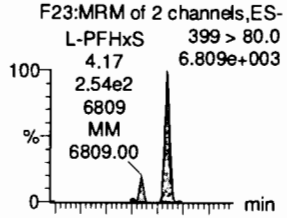
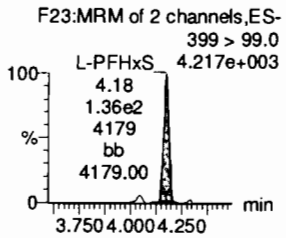
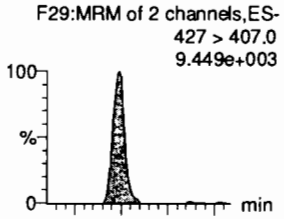
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

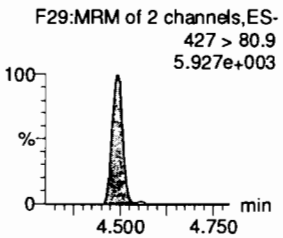
L-PFHxS



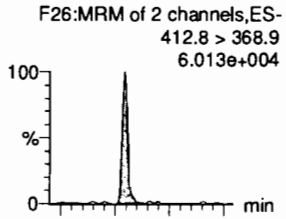


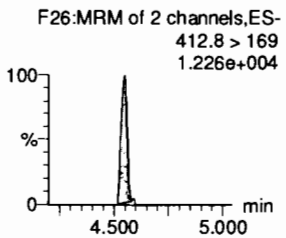
6:2 FTS





L-PFOA





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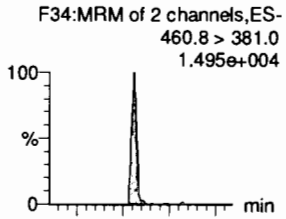
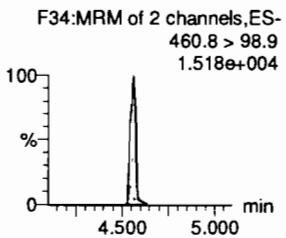
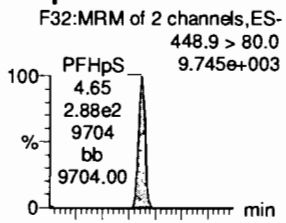
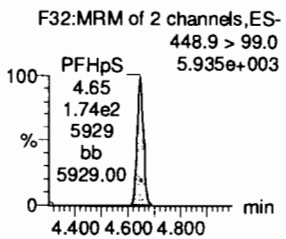


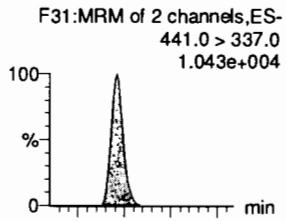


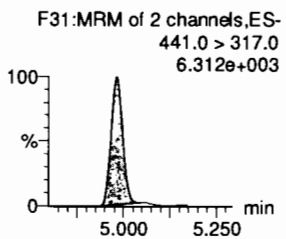
PFHpS



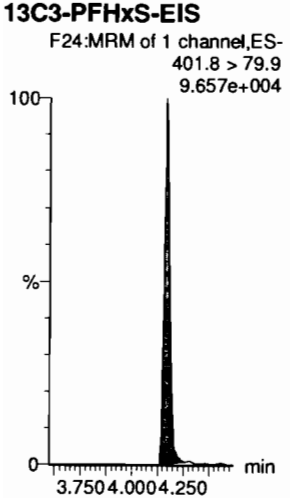


7:3 FTCA

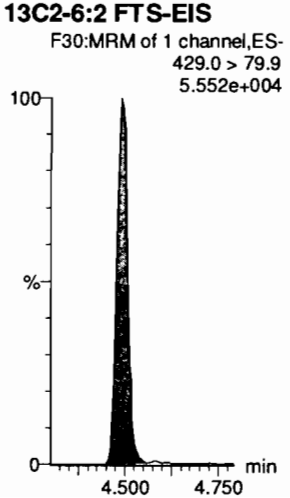




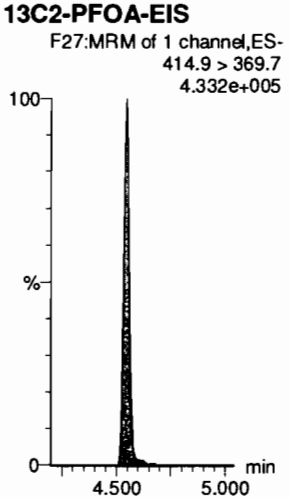
13C3-PFHxS-EIS



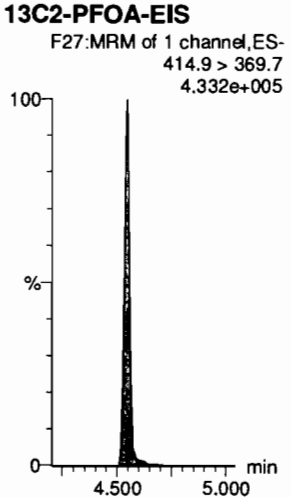
13C2-6:2 FTS-EIS



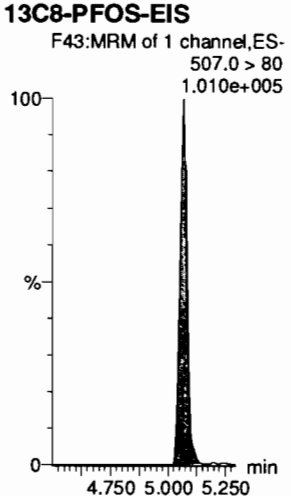
13C2-PFOA-EIS



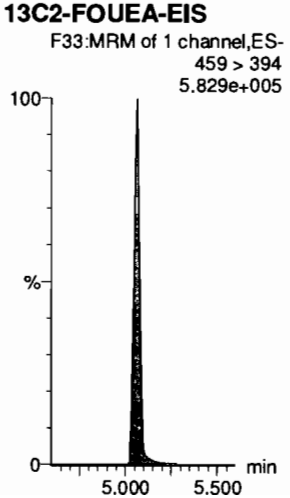
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



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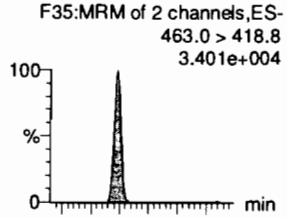
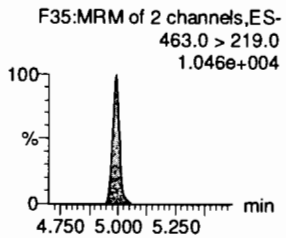
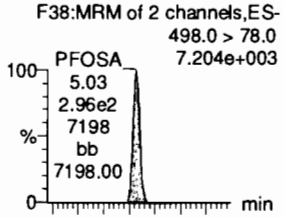
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

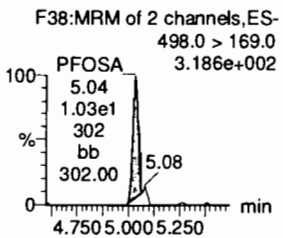
PFNA



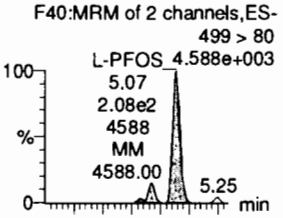


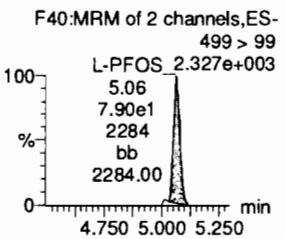
PFOSA



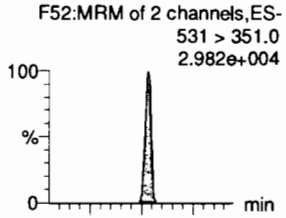


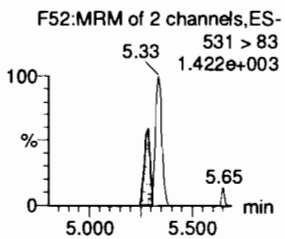
L-PFOS



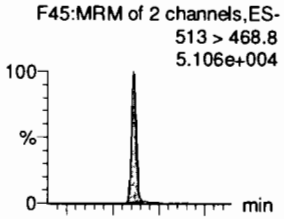


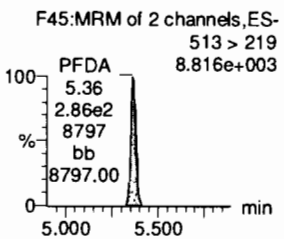
9Cl-PF30NS



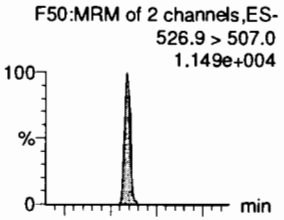


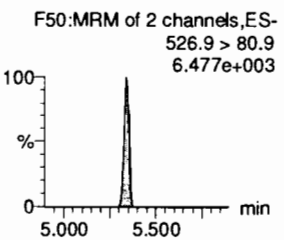
PFDA



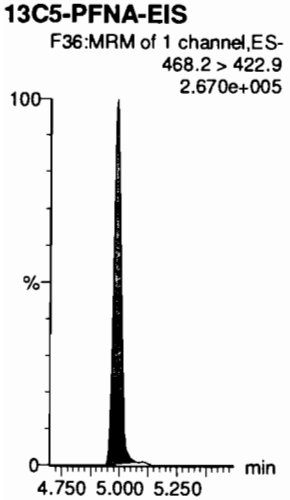


8:2 FTS

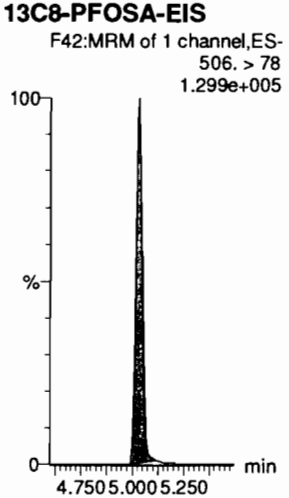




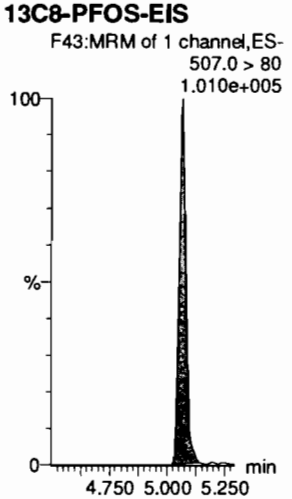
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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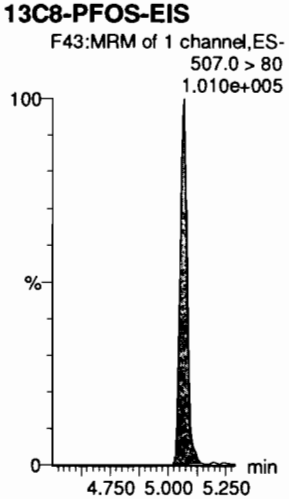
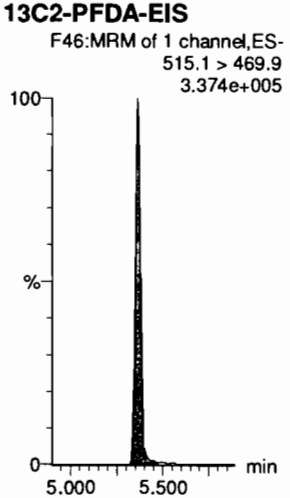
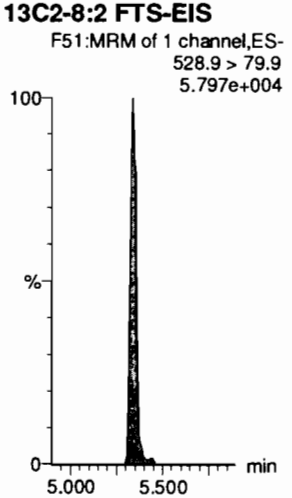


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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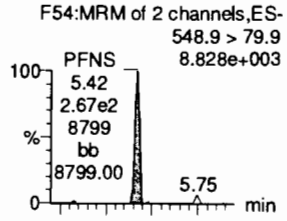
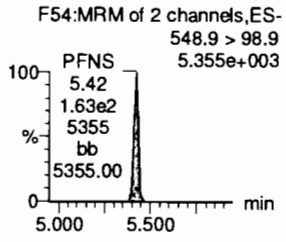
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

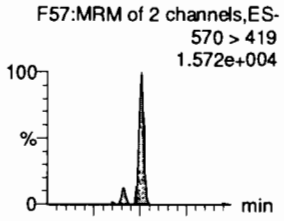
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

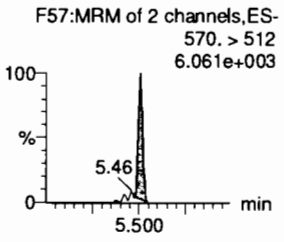
PFNS





L-MeFOSAA





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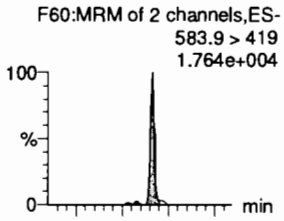
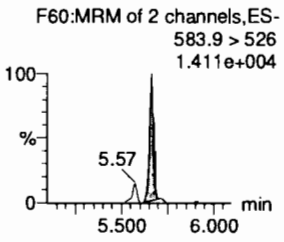
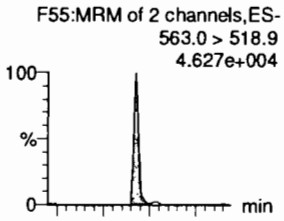
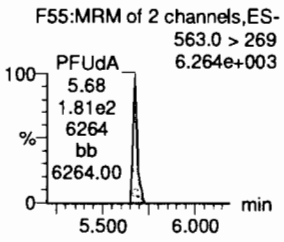




PFUdA





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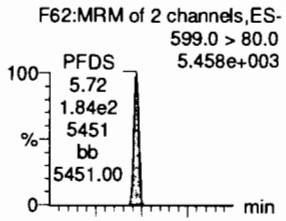
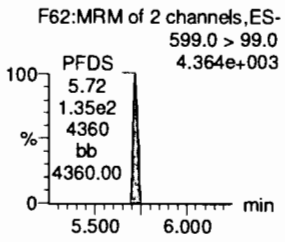
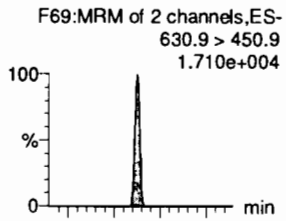
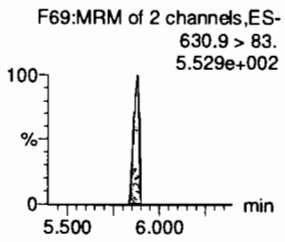


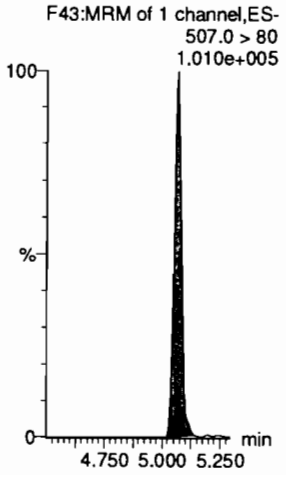


11Cl-PF30UdS

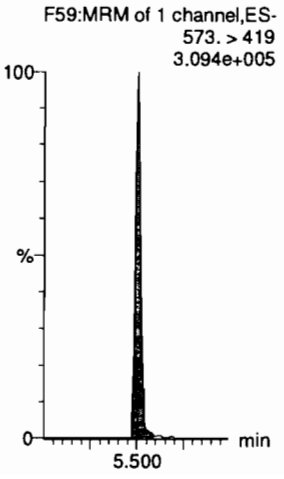




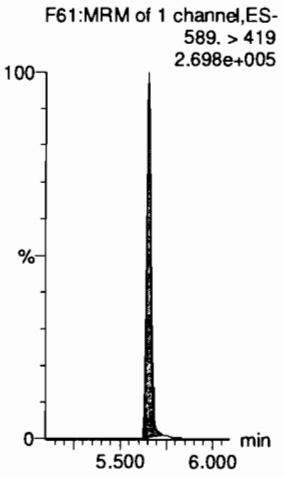
13C8-PFOS-EIS



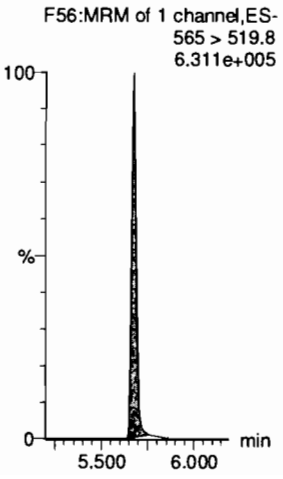
d3-N-MeFOSAA-EIS



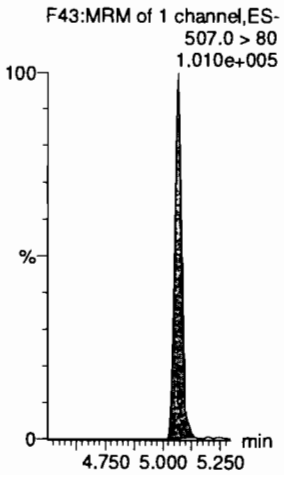
d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



13C8-PFOS-EIS



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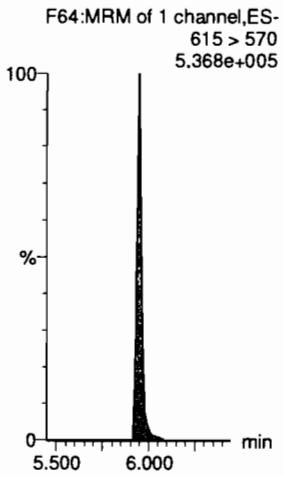

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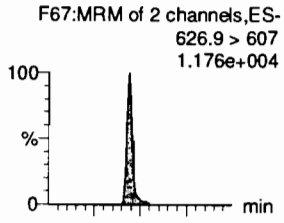
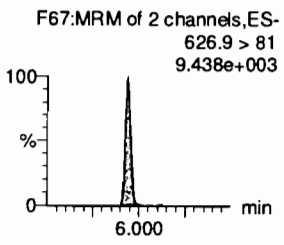
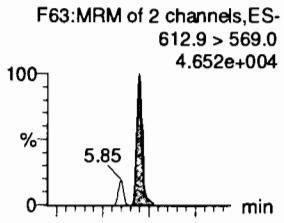
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

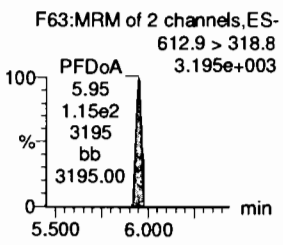
10:2 FTS



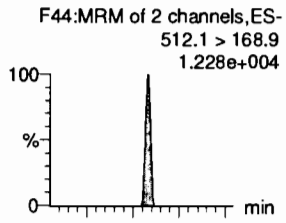


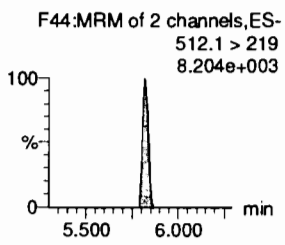
PFDoA





N-MeFOSA





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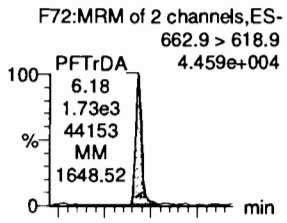
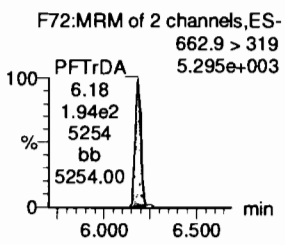
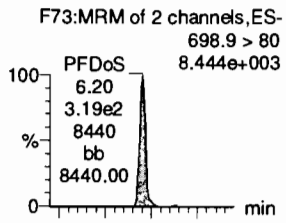
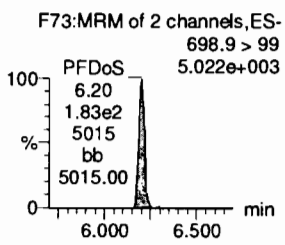




PFDoS





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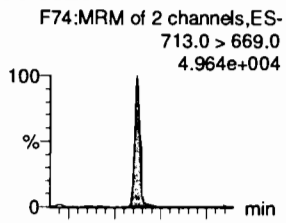
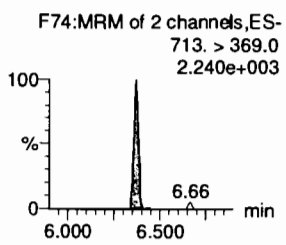
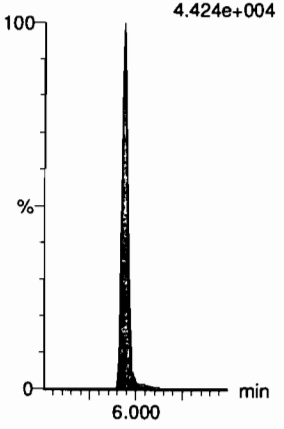
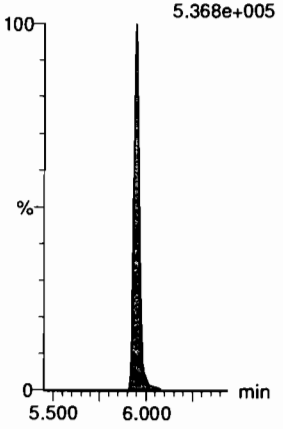




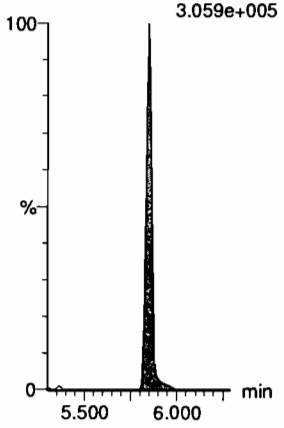
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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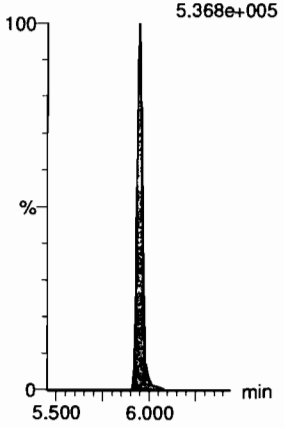
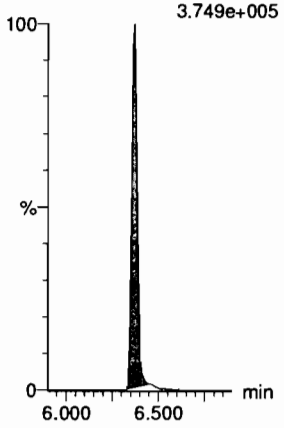


13C2-PFTeDA-EIS



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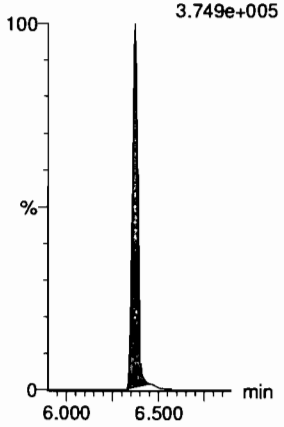

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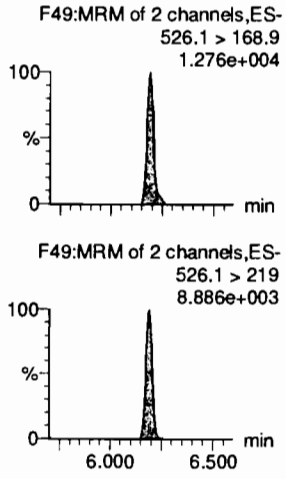
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

N-EtFOSA



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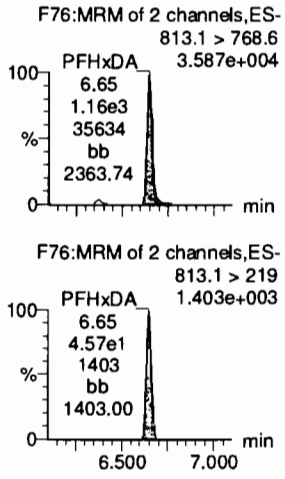
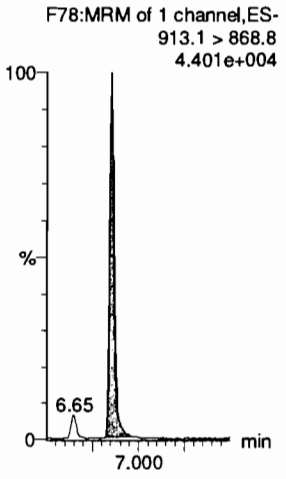
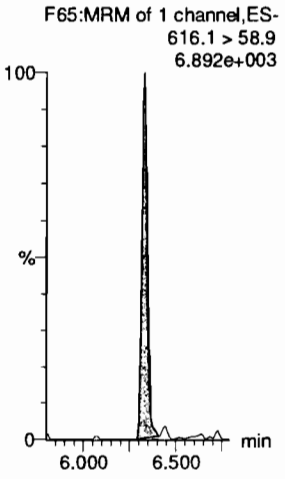


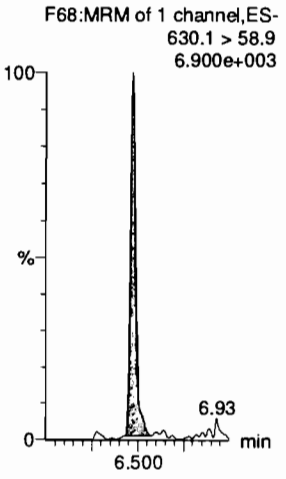
PFODA



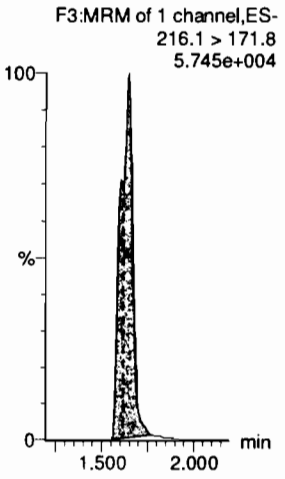
N-MeFOSE



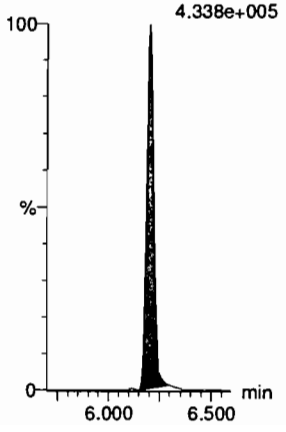
N-EtFOSE



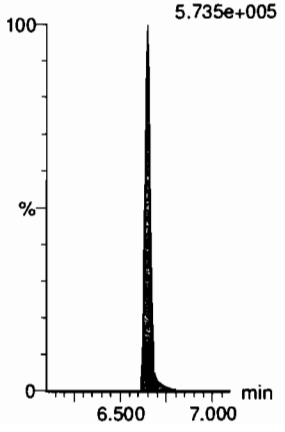
13C3-PFBA-RSD



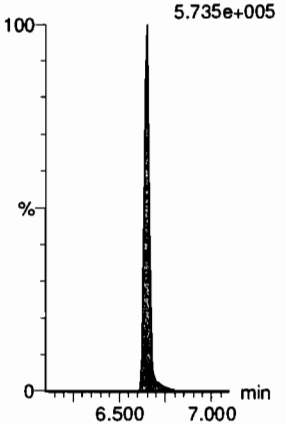
d5-N-ETFOSA-EIS



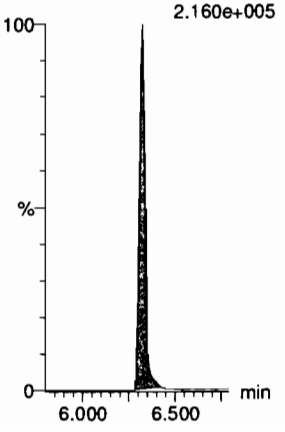
13C2-PFHxDA-EIS



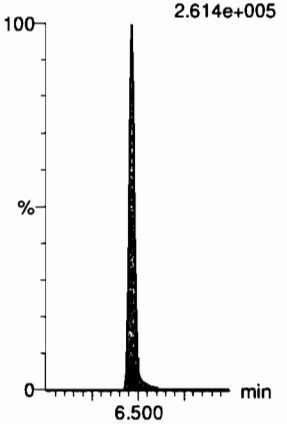
13C2-PFHxDA-EIS



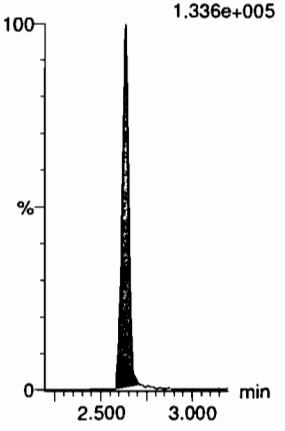
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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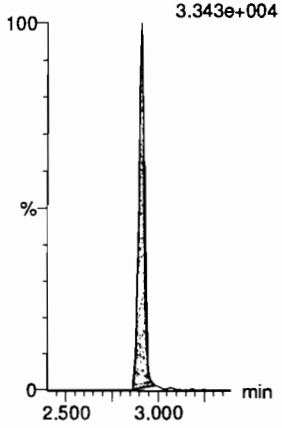
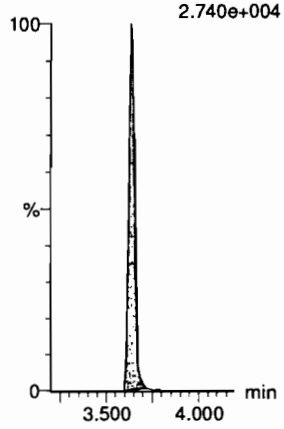
Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

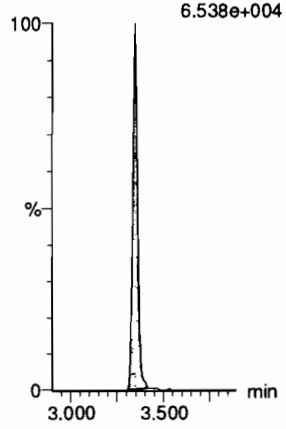
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.343e+004



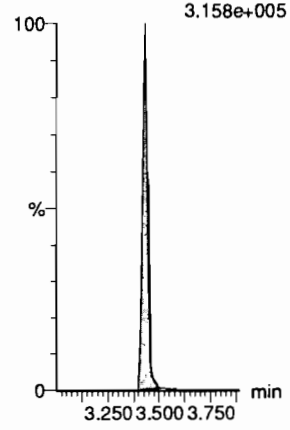
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.740e+004



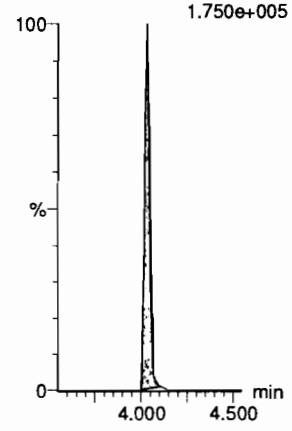
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.538e+004



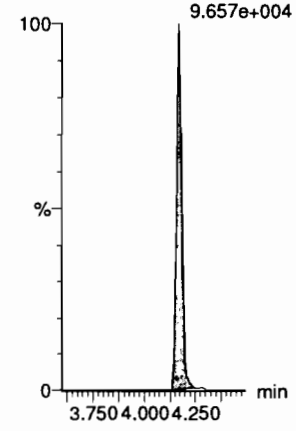
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.158e+005



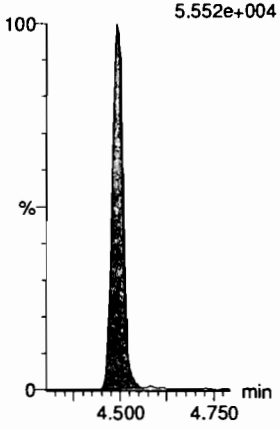
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.750e+005



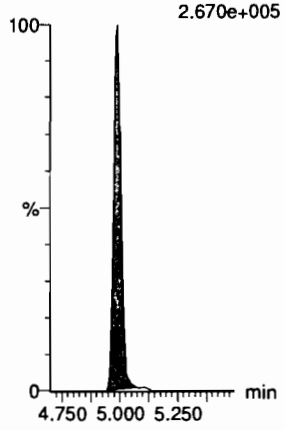
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.657e+004



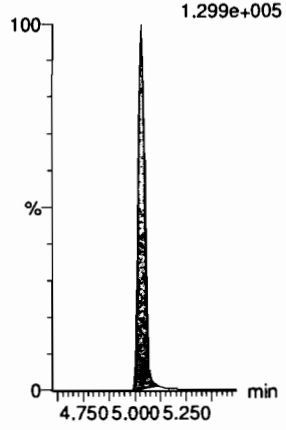
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.552e+004



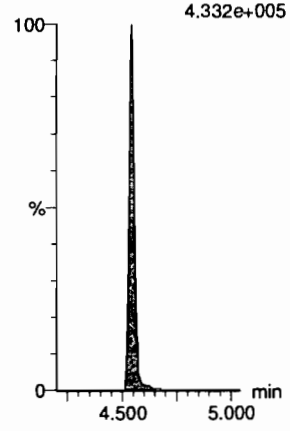
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.670e+005



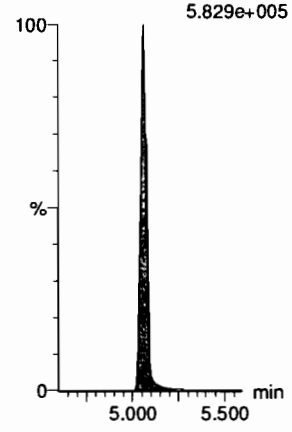
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.299e+005



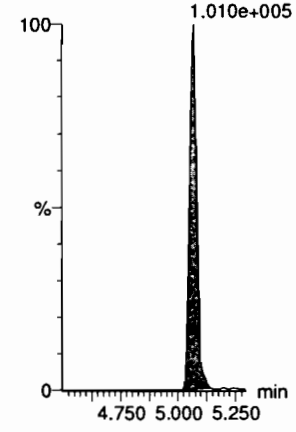
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.332e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.829e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.010e+005

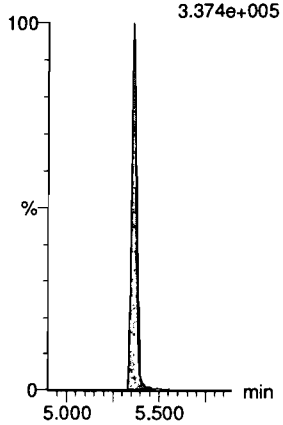


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

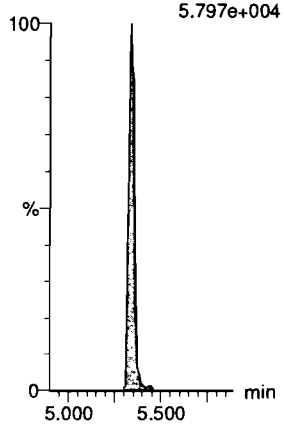
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

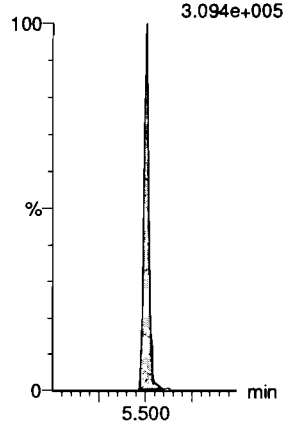
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.374e+005



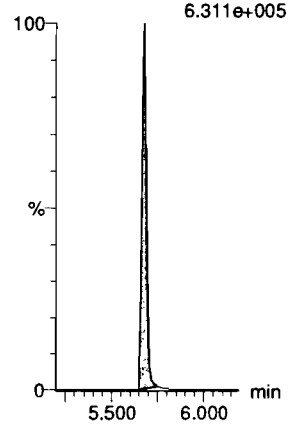
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.797e+004



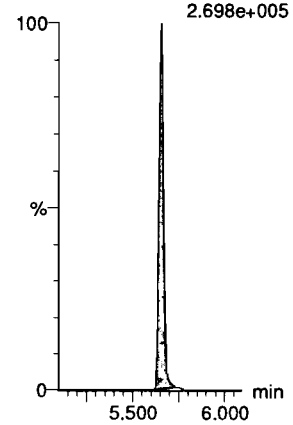
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.094e+005



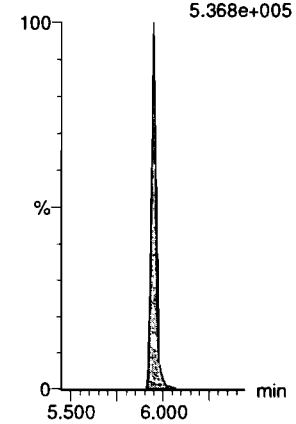
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.311e+005



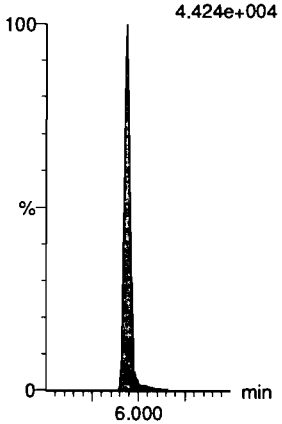
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.698e+005



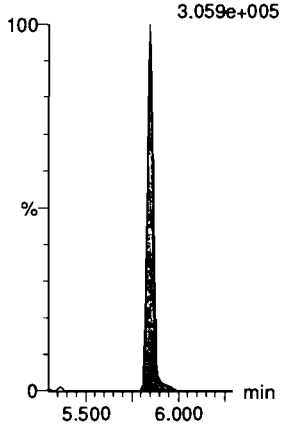
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.368e+005



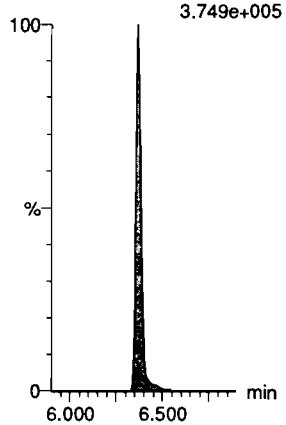
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.424e+004



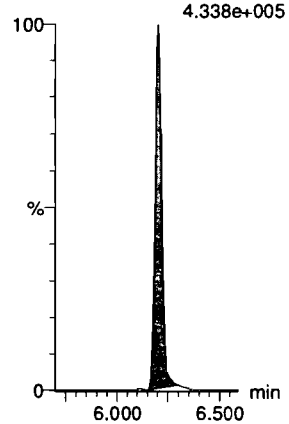
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.059e+005



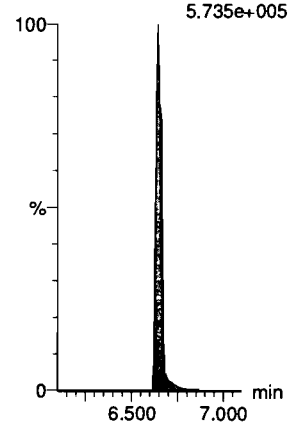
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.749e+005



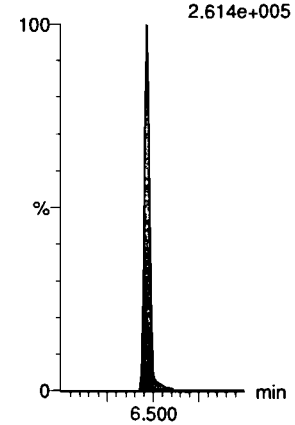
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.338e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.735e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.614e+005

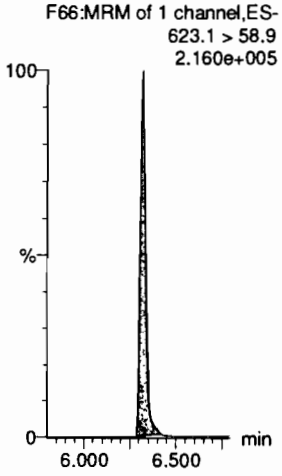


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

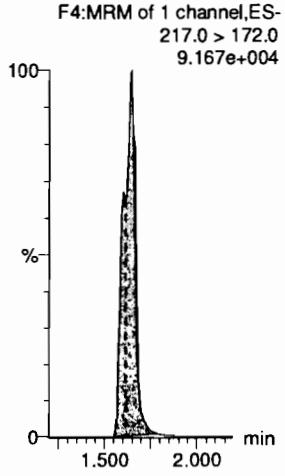
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_5, Date: 30-Jun-2020, Time: 16:04:53, ID: ST200630M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

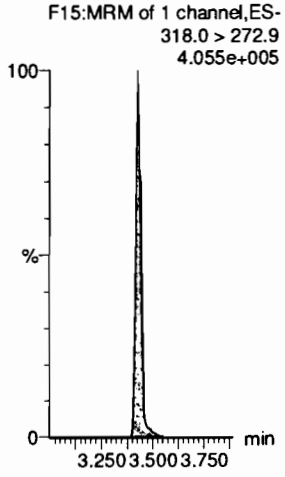
d7-N-MeFOSE-RSD



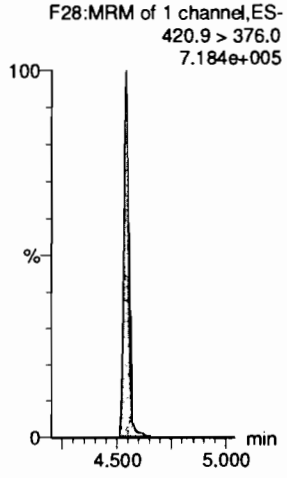
13C4-PFBA



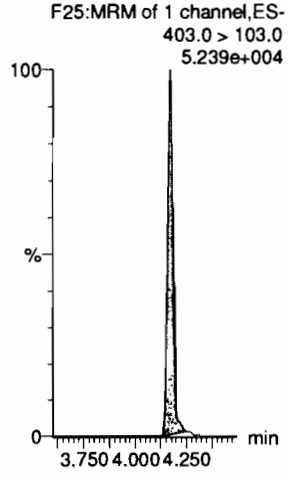
13C5-PFHxA



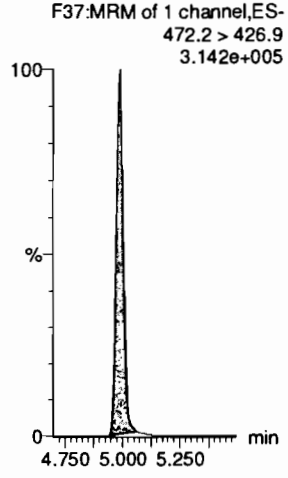
13C8-PFOA



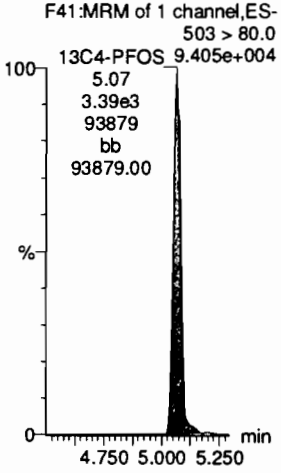
18O2-PFHxS



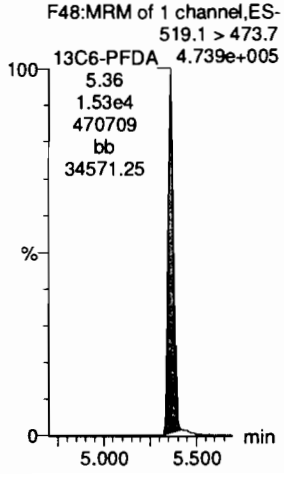
13C9-PFNA



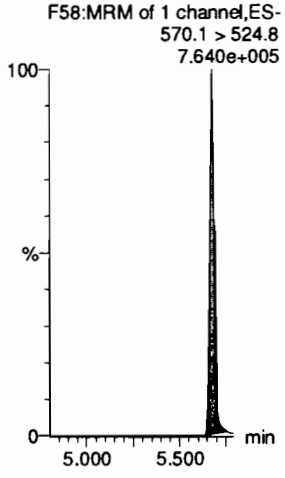
13C4-PFOS



13C6-PFDA



13C7-PFUdA

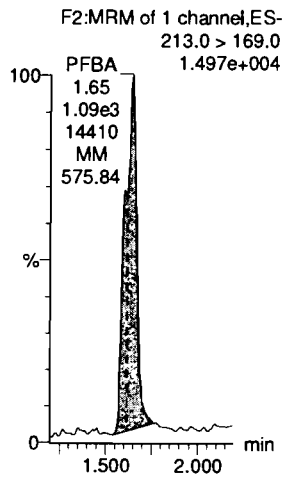


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

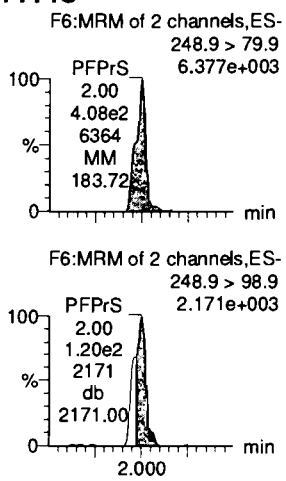
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

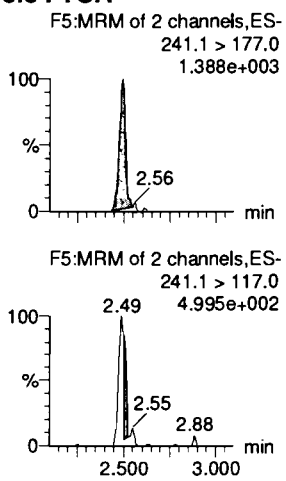
PFBA



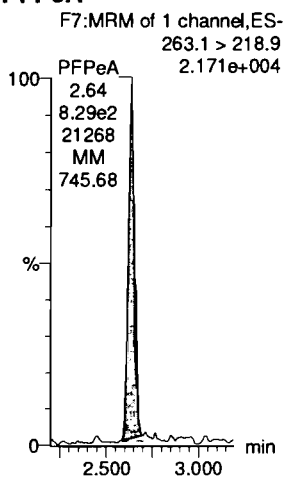
PFPrS



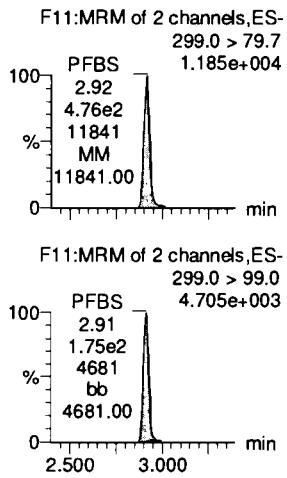
3:3 FTCA



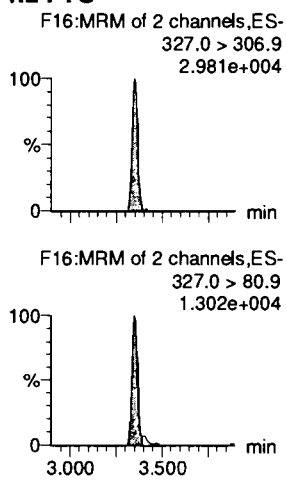
PFPeA



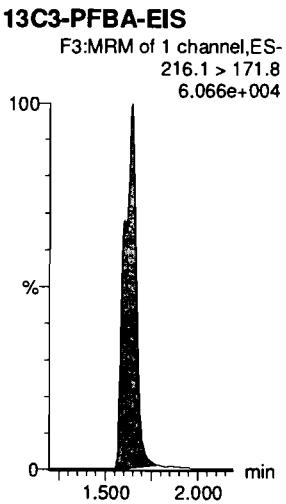
PFBS



4:2 FTS



13C3-PFBA-EIS



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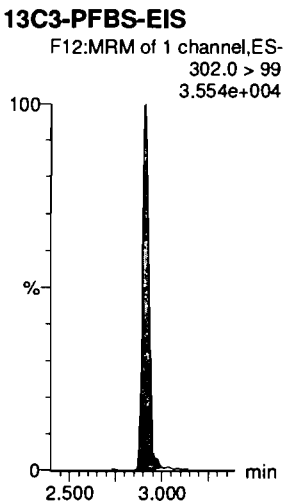

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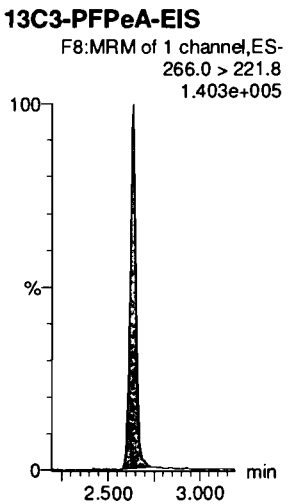

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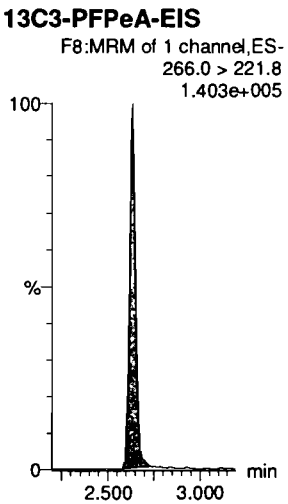

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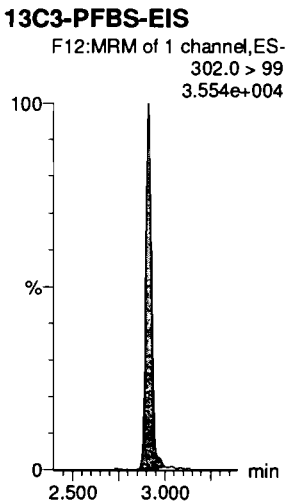
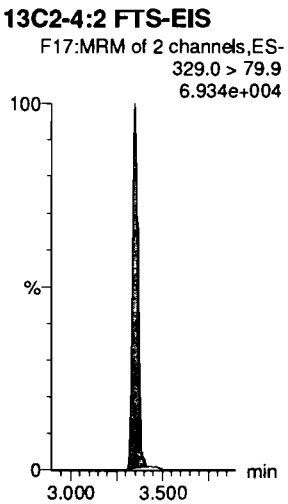


13C2-4:2 FTS-EIS



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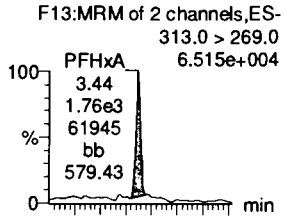
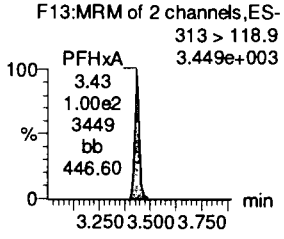
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

PFHxA





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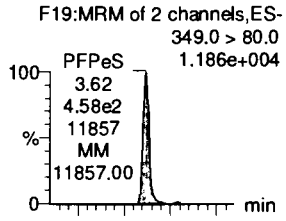

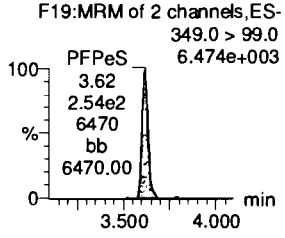

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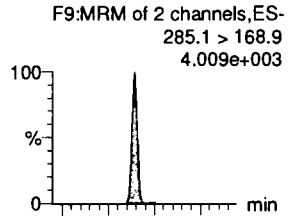
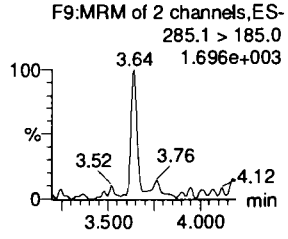
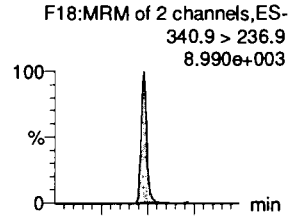
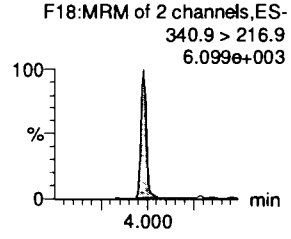


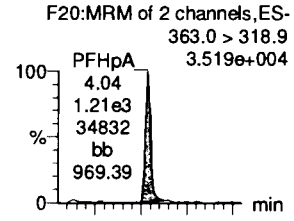


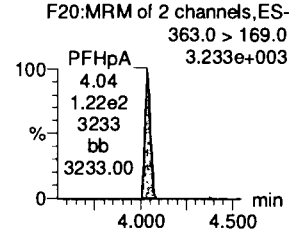
5:3 FTCA





PFHpA





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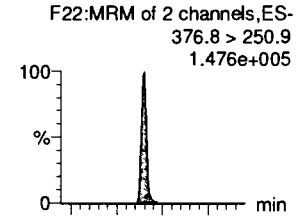
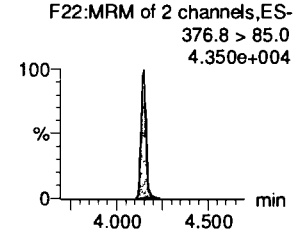
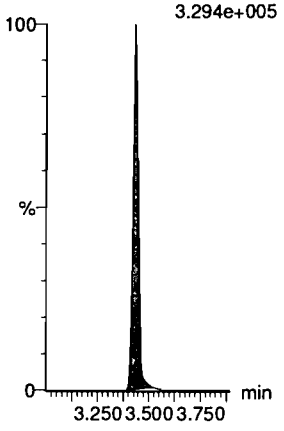
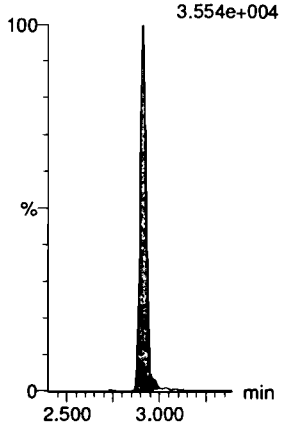




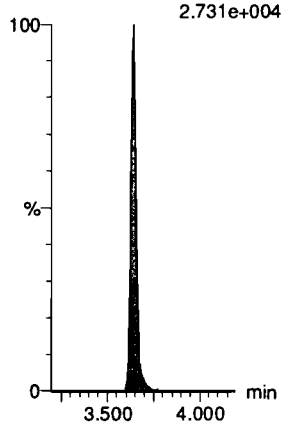
13C2-PFHxA-EIS



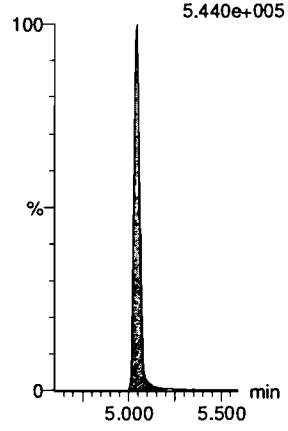
13C3-PFBS-EIS



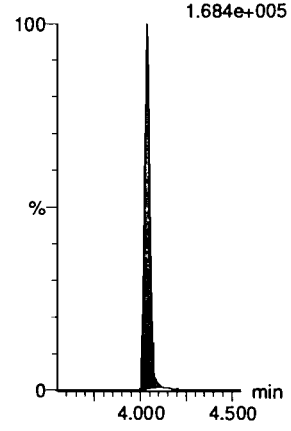
13C3-HFPO-DA-EIS



13C2-FOUEA-EIS



13C4-PFHpA-EIS



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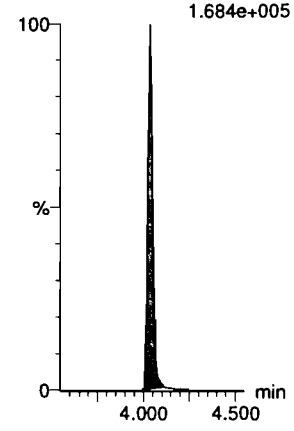

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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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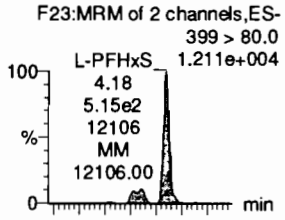
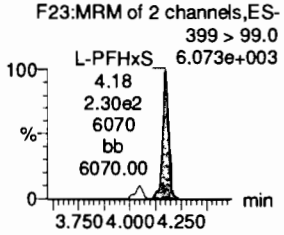
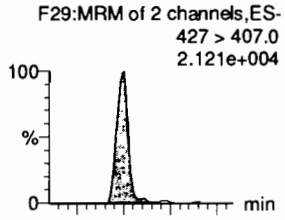
Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

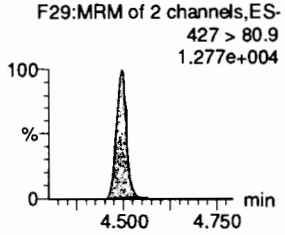
L-PFHxS



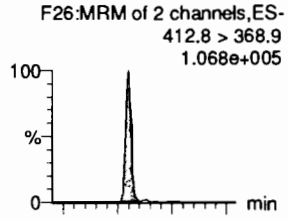


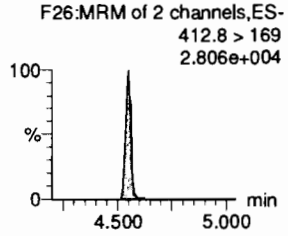
6:2 FTS



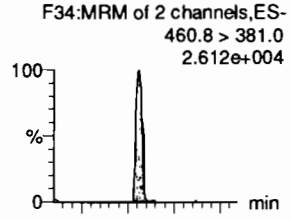


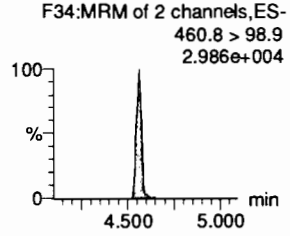
L-PFOA



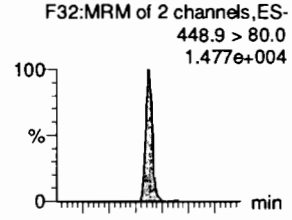


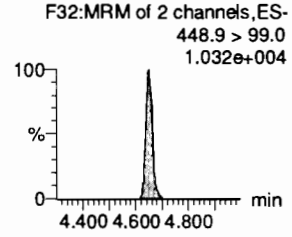
PFEChS



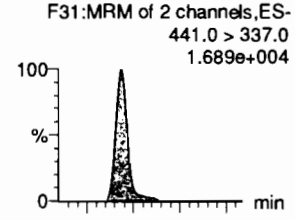


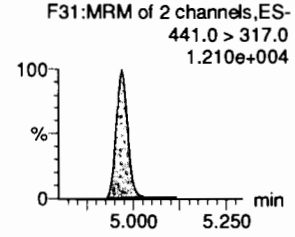
PFHpS



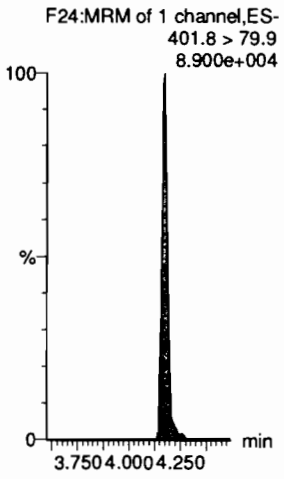


7:3 FTCA

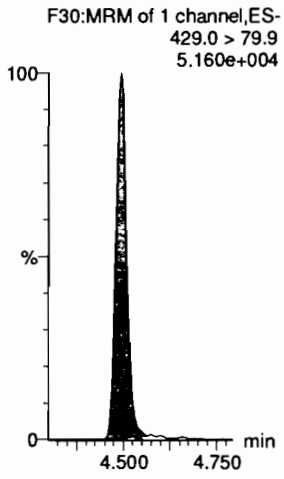




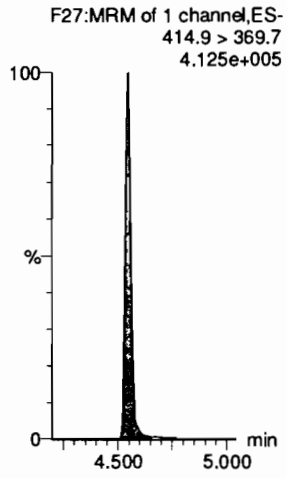
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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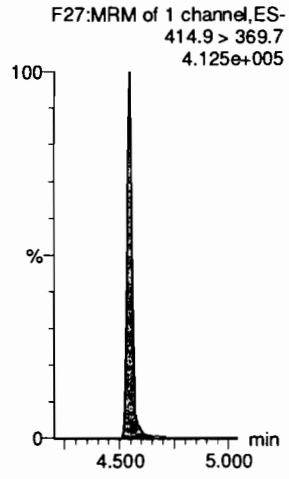
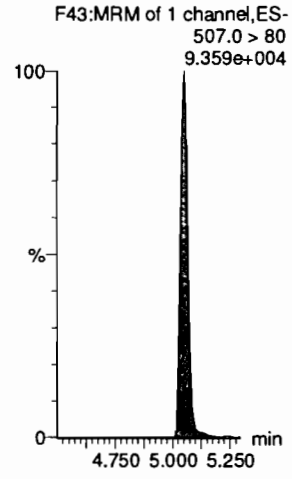
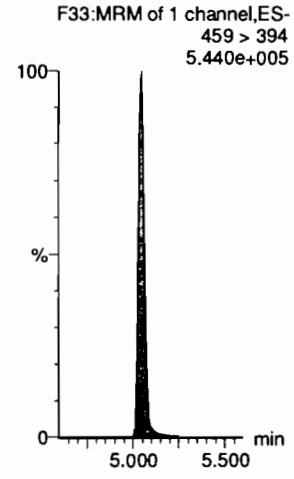


13C8-PFOS-EIS



13C2-FOUEA-EIS



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Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

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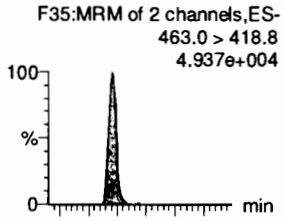

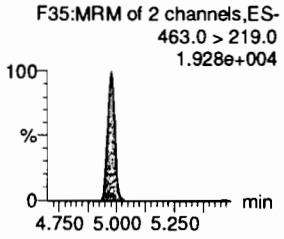

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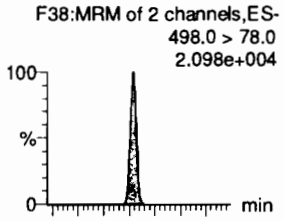
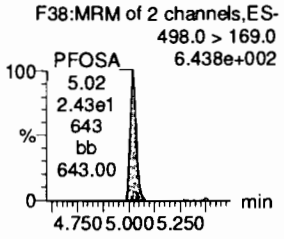
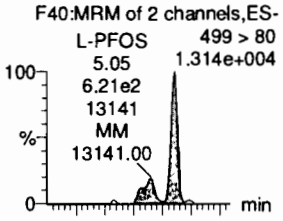
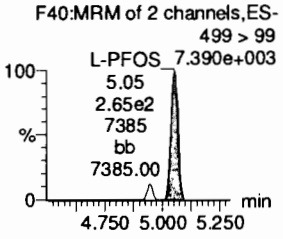


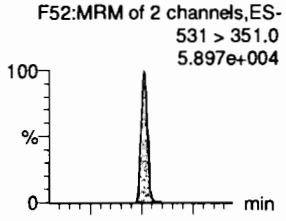


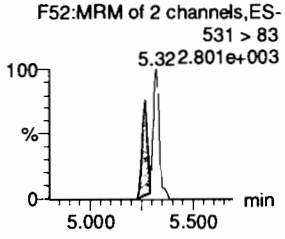
L-PFOS



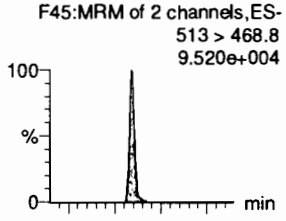


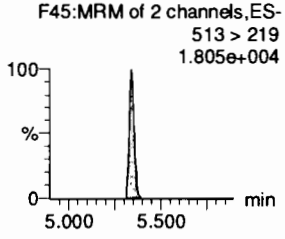
9Cl-PF30NS



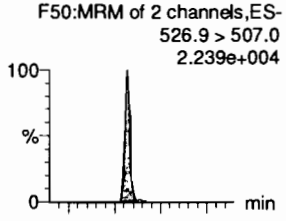


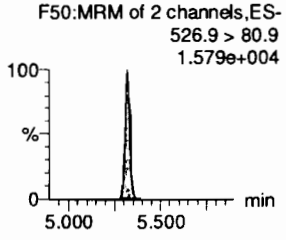
PFDA



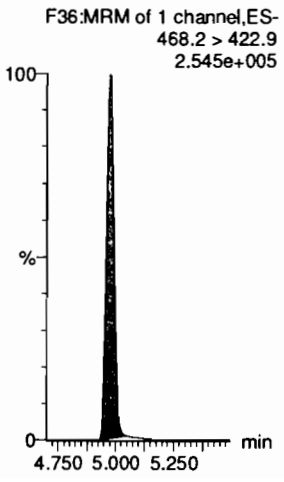


8:2 FTS

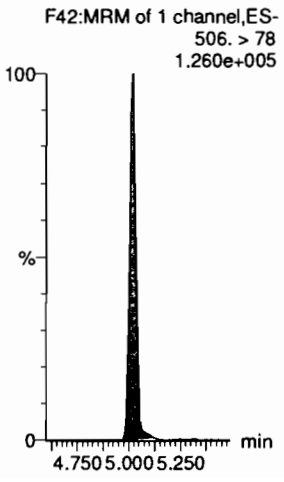




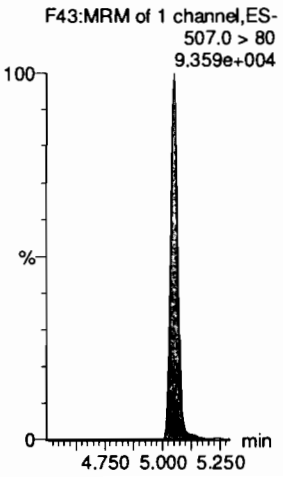
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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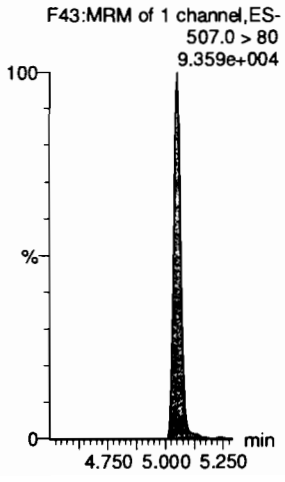

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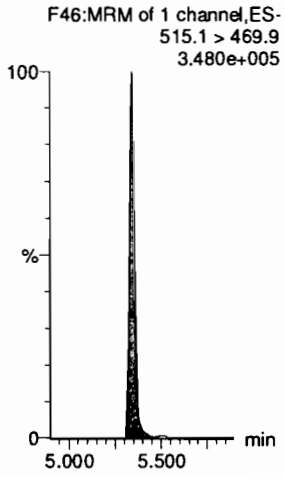
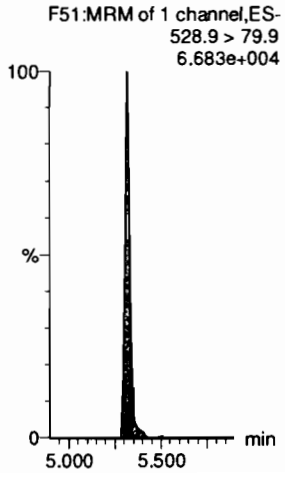


13C2-8:2 FTS-EIS



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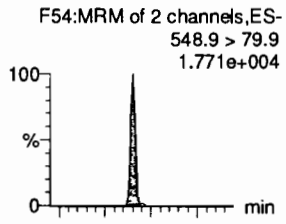
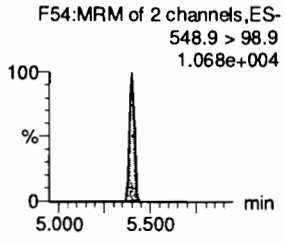
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

PFNS





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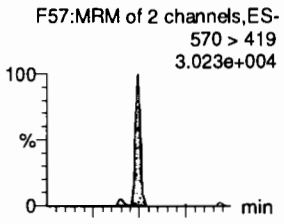

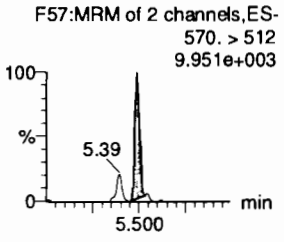

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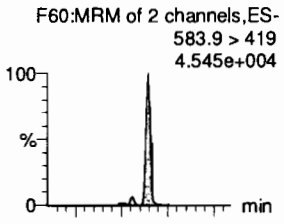
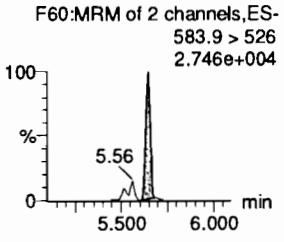
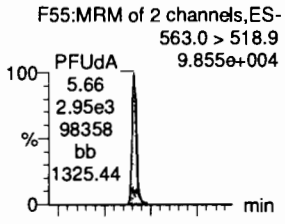
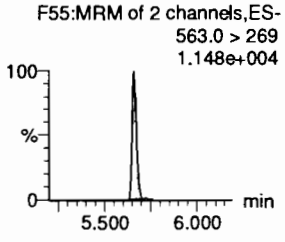




PFUdA





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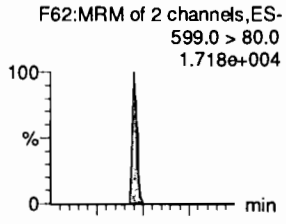
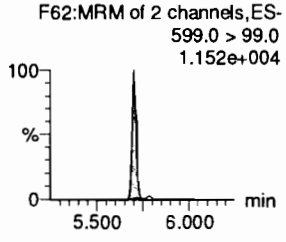
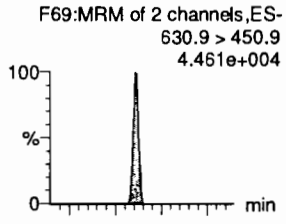
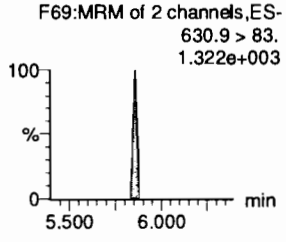


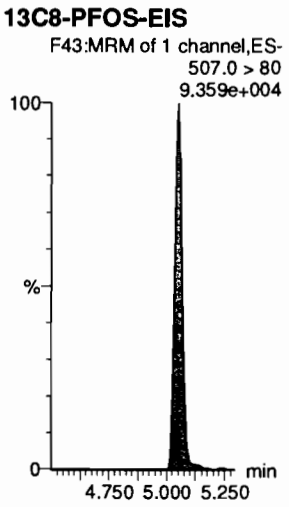


11Cl-PF30UdS

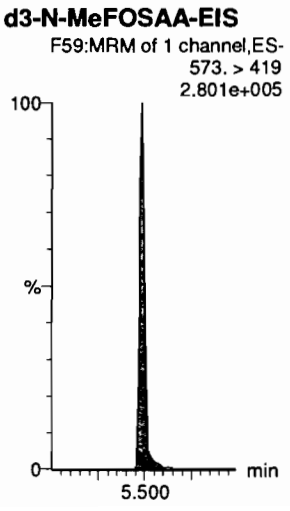




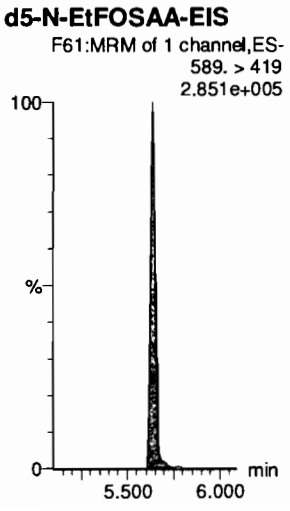
13C8-PFOS-EIS



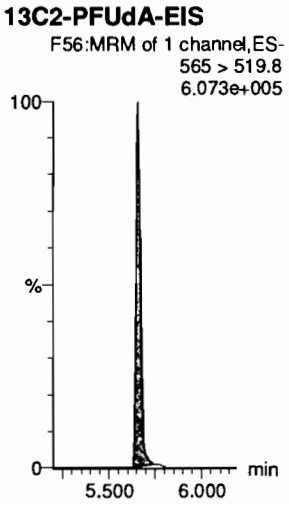
d3-N-MeFOSAA-EIS



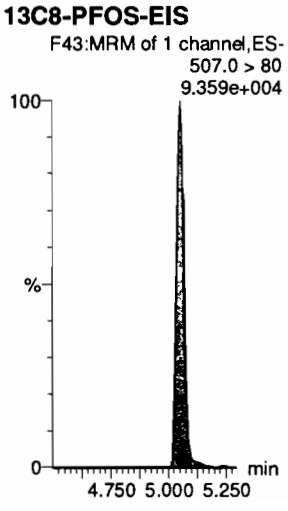
d5-N-EtFOSAA-EIS



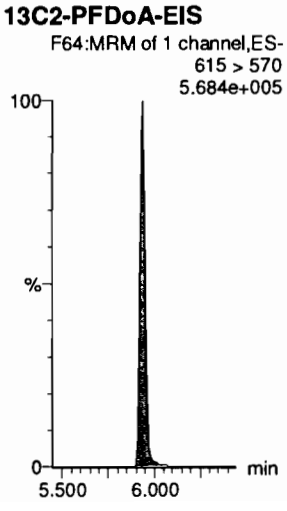
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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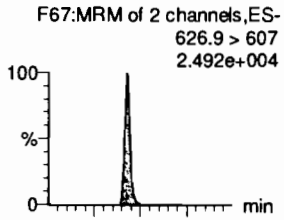
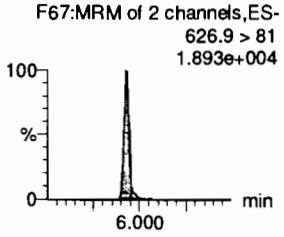
Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

10:2 FTS





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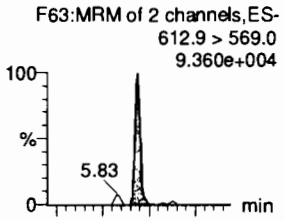
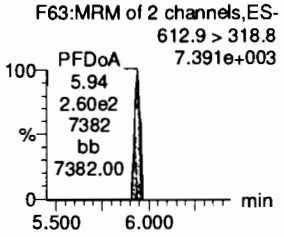
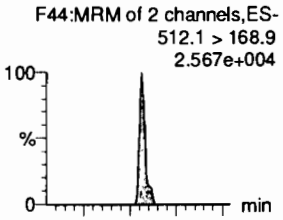
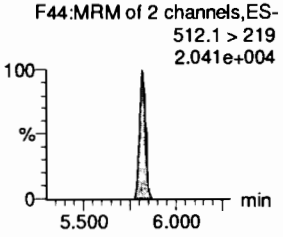


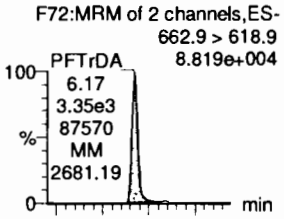


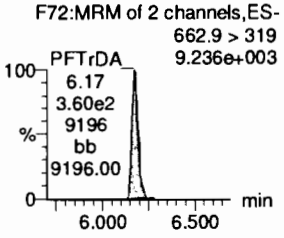
N-MeFOSA



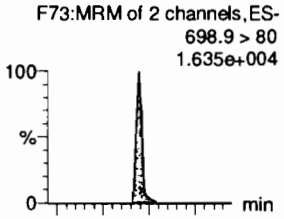


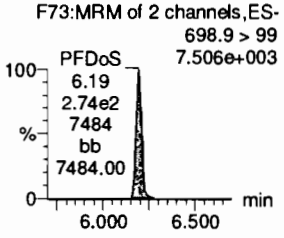
PFTrDA





PFDoS





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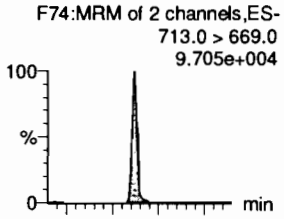
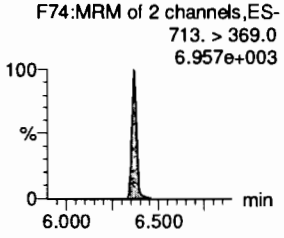
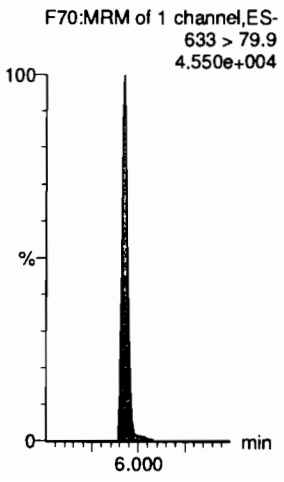
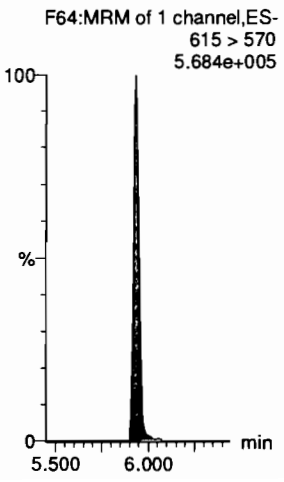




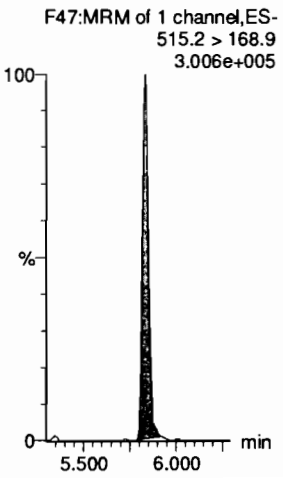
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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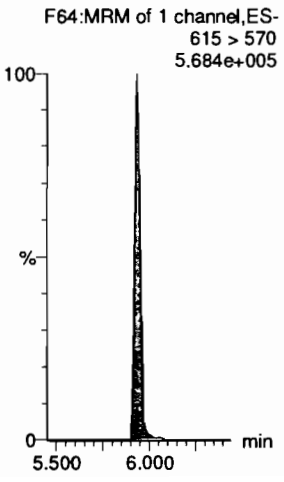

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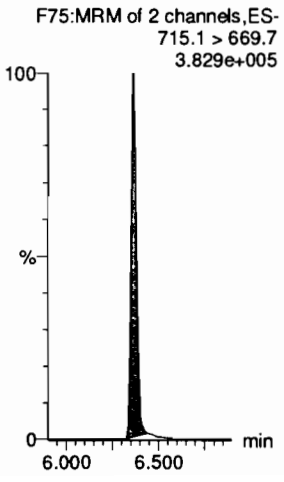

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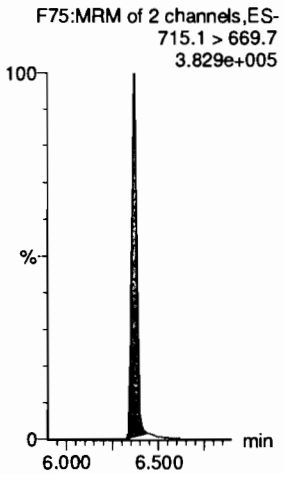

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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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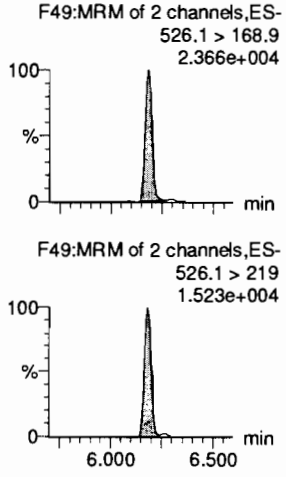
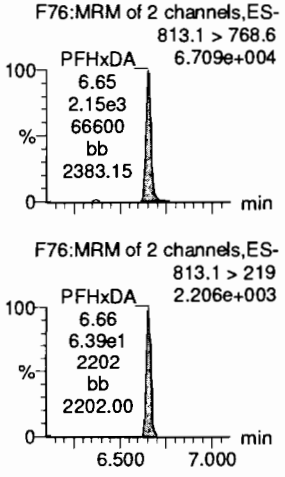
Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

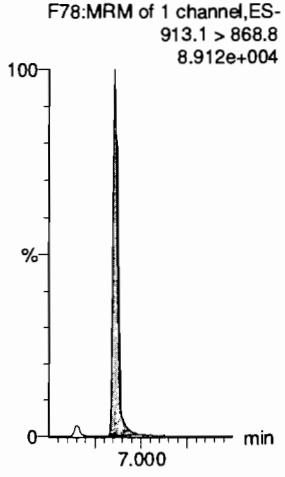
N-EtFOSA



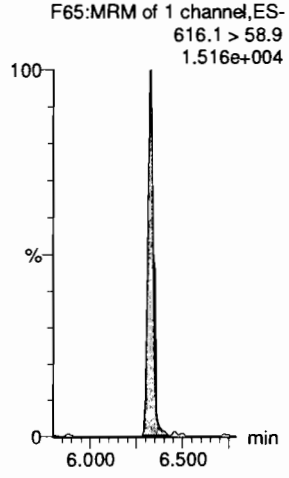
PFHxDA



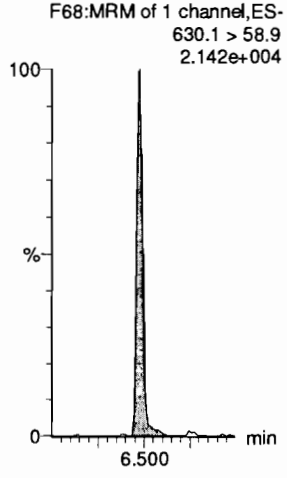
PFODA



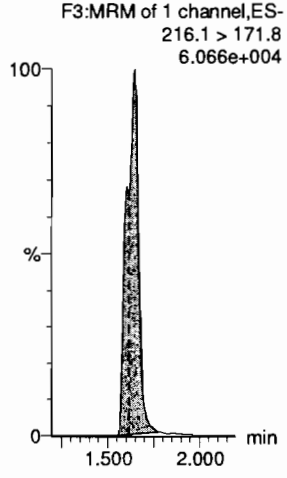
N-MeFOSE



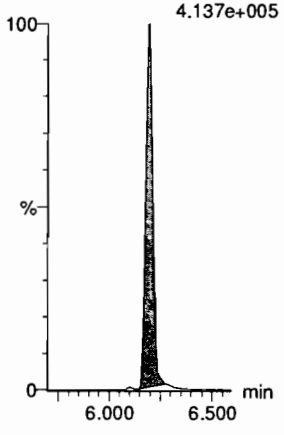
N-EtFOSE



13C3-PFBA-RSD



d5-N-ETFOSA-EIS



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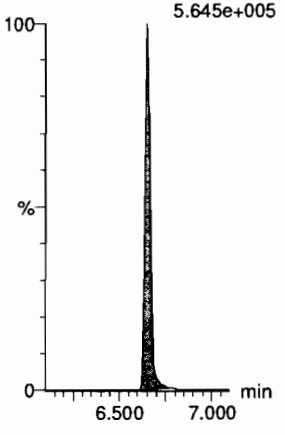
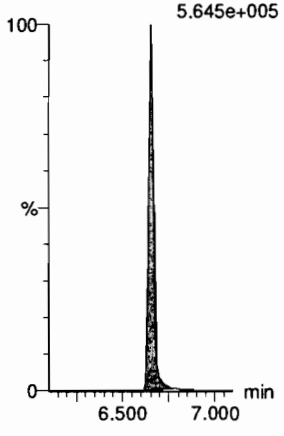
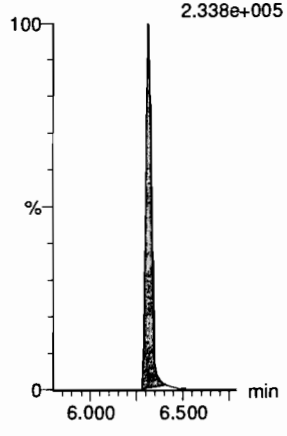


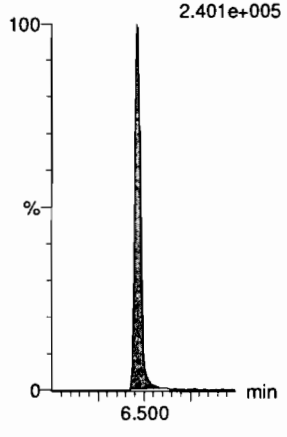
13C2-PFHxDA-EIS



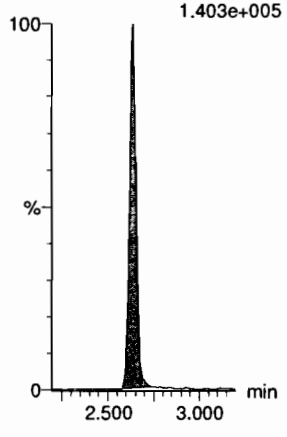
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

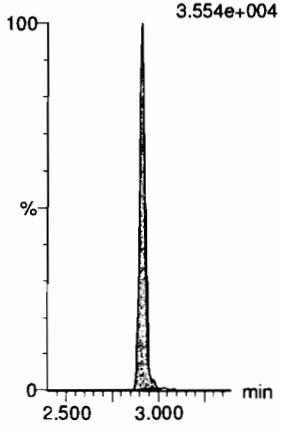


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

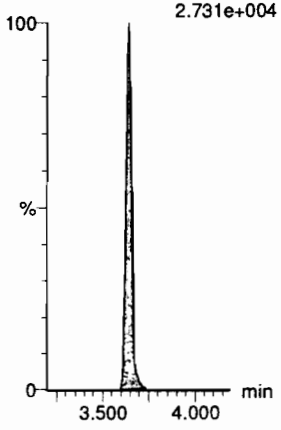
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

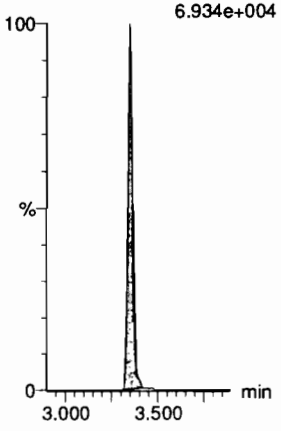
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.554e+004



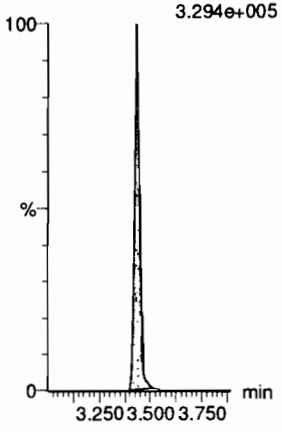
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.731e+004



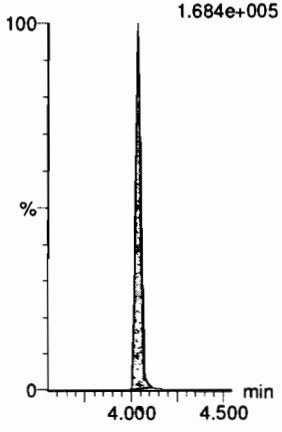
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.934e+004



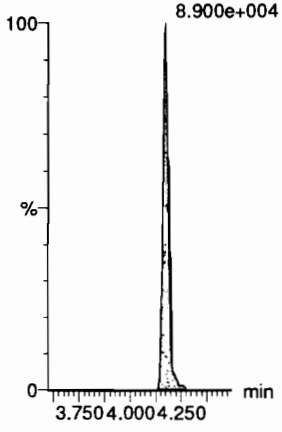
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.294e+005



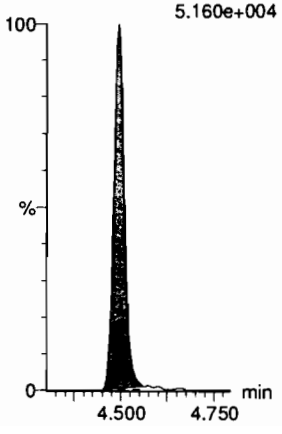
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.684e+005



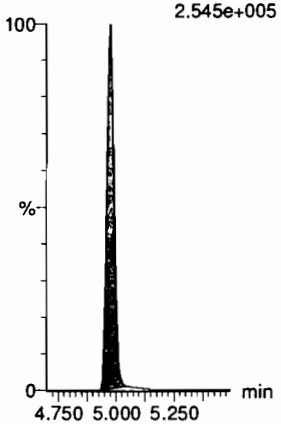
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.900e+004



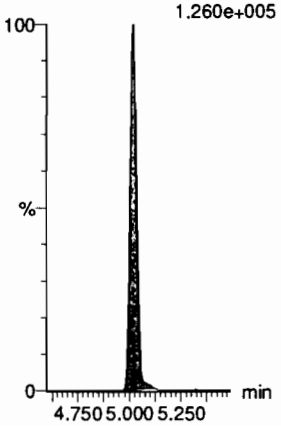
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.160e+004



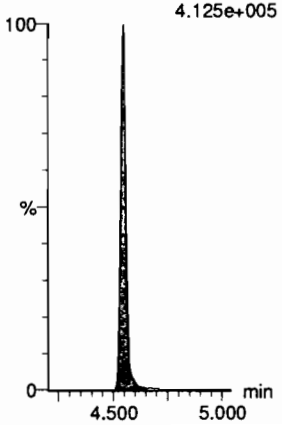
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.545e+005



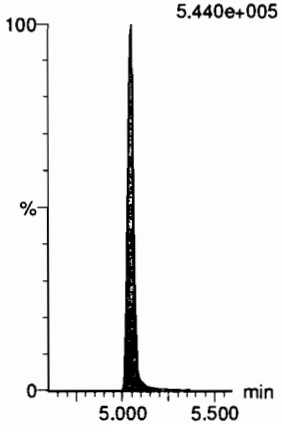
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.260e+005



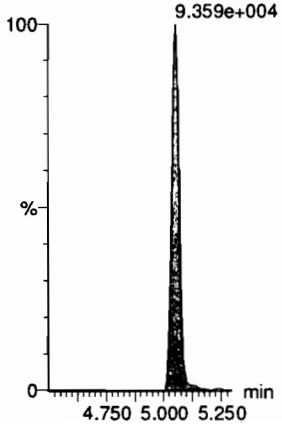
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.125e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.440e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.359e+004

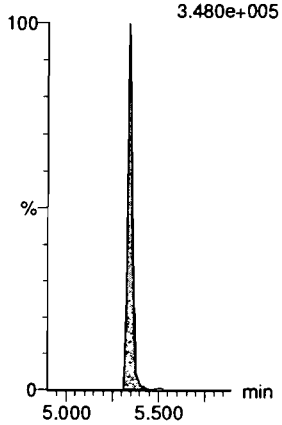


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

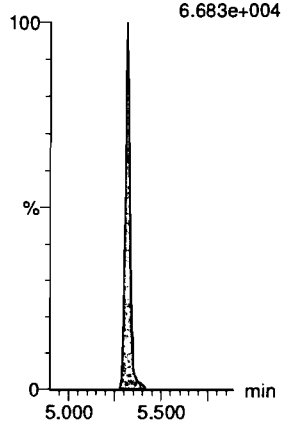
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

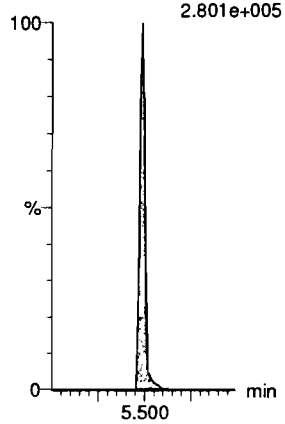
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.480e+005



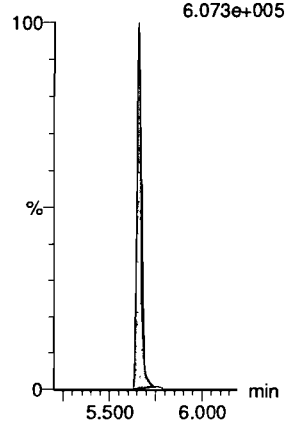
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.683e+004



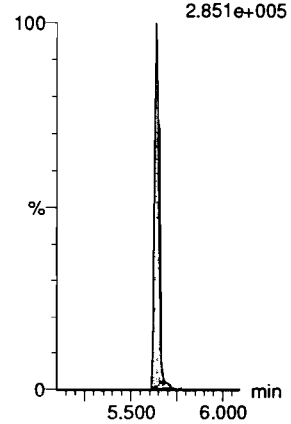
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.801e+005



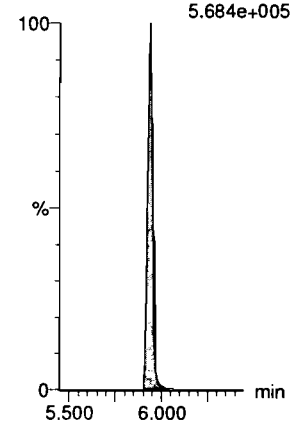
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.073e+005



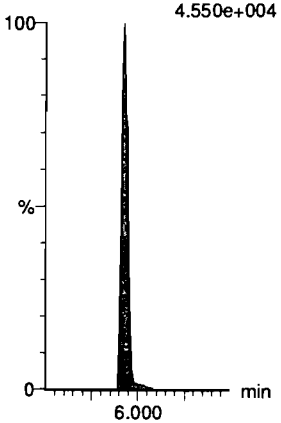
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.851e+005



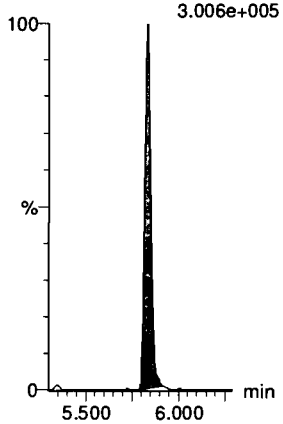
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.684e+005



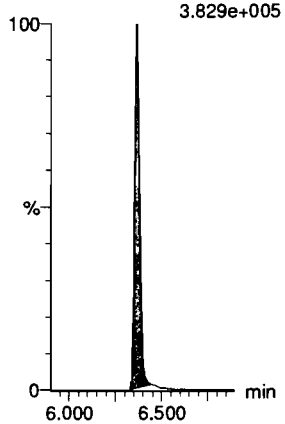
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.550e+004



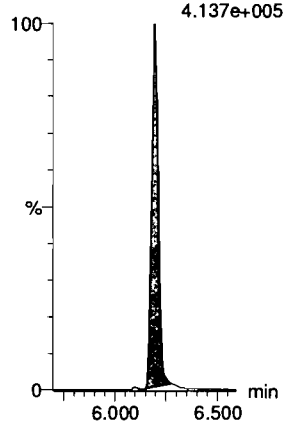
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.006e+005



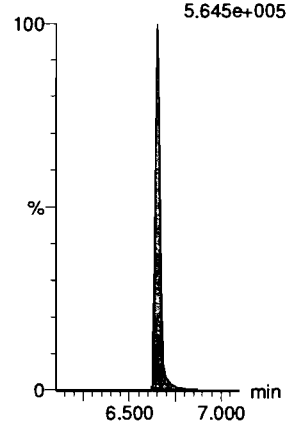
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.829e+005



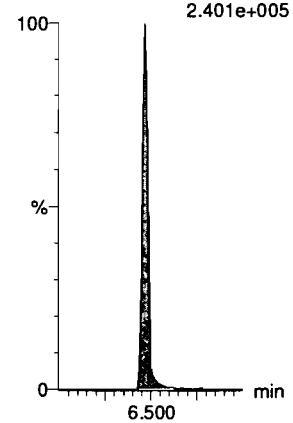
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.137e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.645e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.401e+005

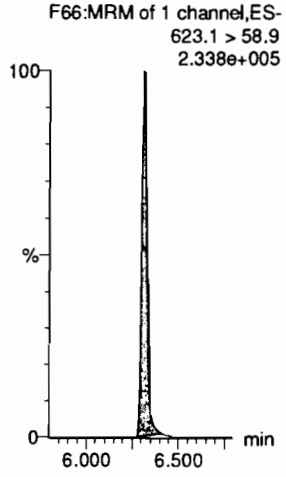


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

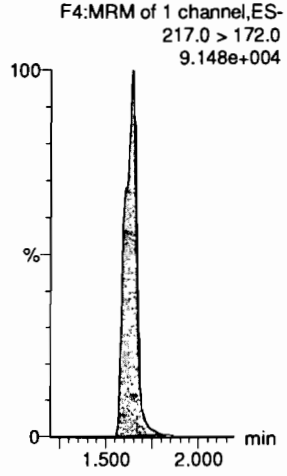
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_6, Date: 30-Jun-2020, Time: 16:15:15, ID: ST200630M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

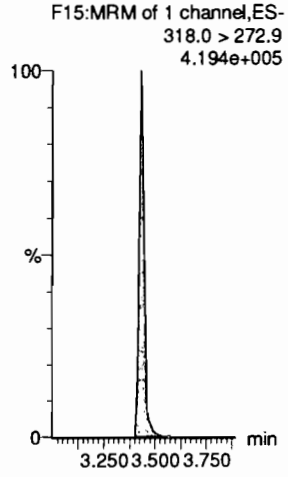
d7-N-MeFOSE-RSD



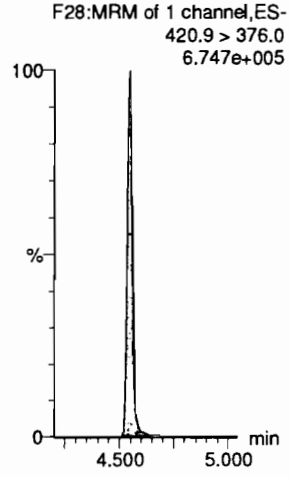
13C4-PFBA



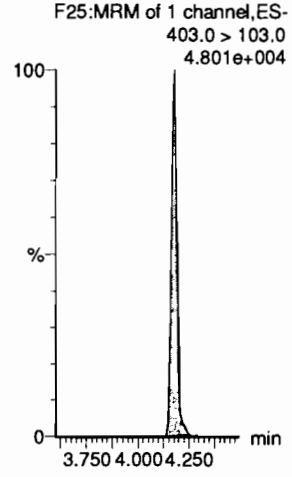
13C5-PFHxA



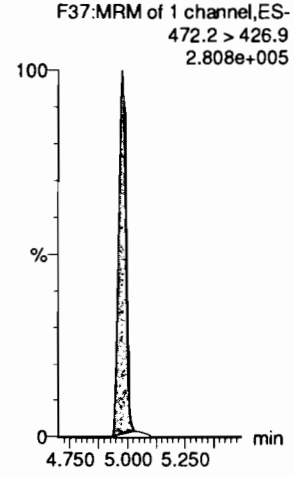
13C8-PFOA



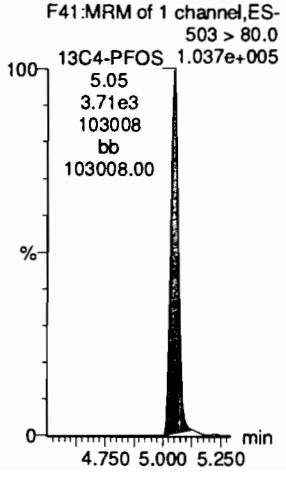
18O2-PFHxS



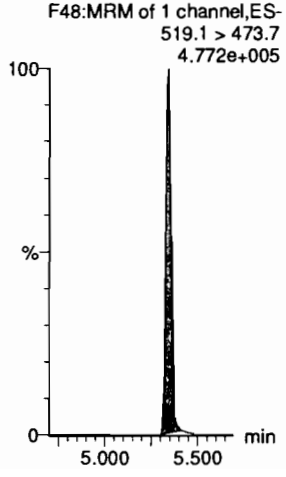
13C9-PFNA



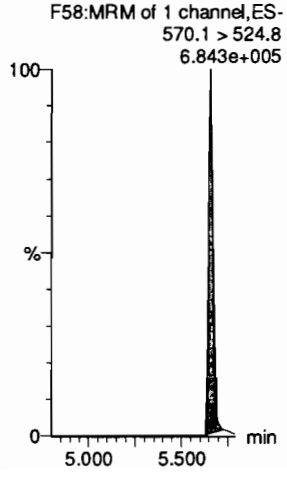
13C4-PFOS



13C6-PFDA



13C7-PFUdA

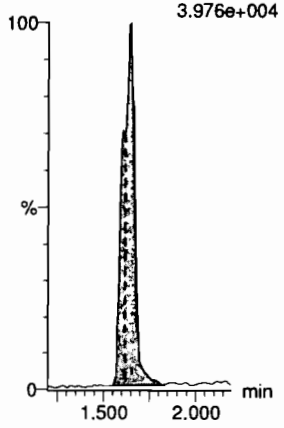


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

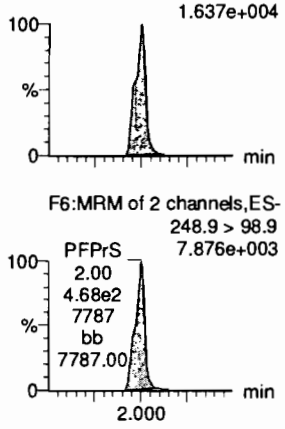
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

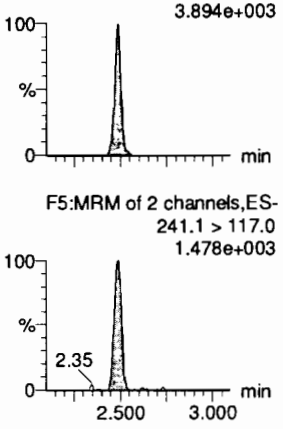
PFBA



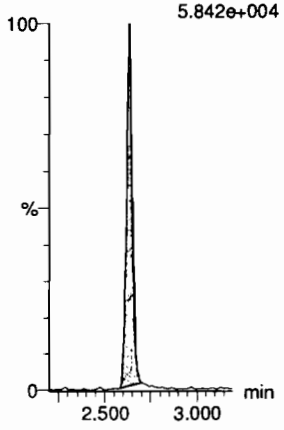
PFPrS



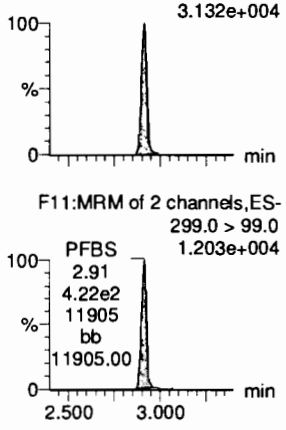
3:3 FTCA



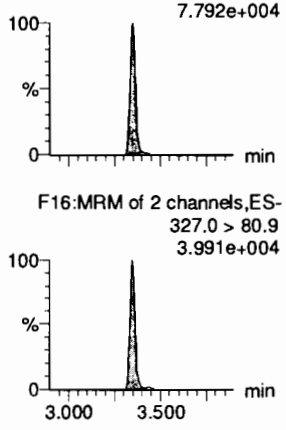
PFPeA



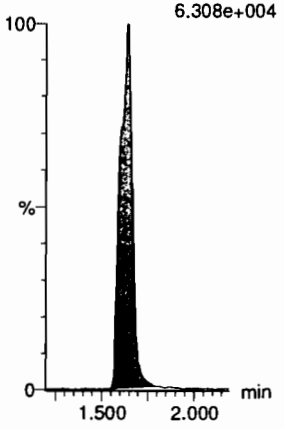
PFBS



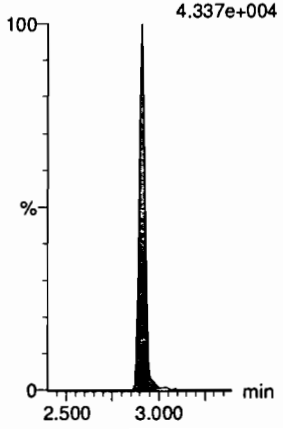
4:2 FTS



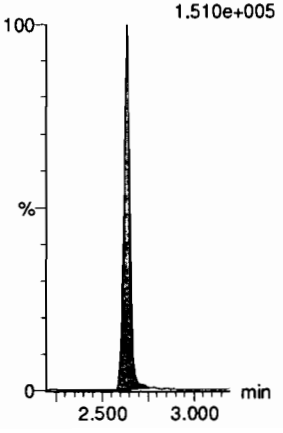
13C3-PFBA-EIS



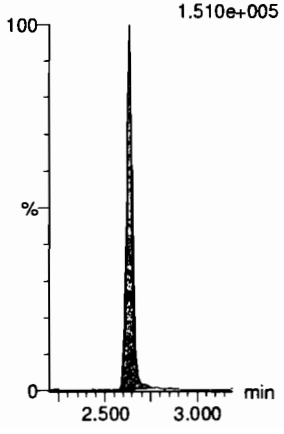
13C3-PFBS-EIS



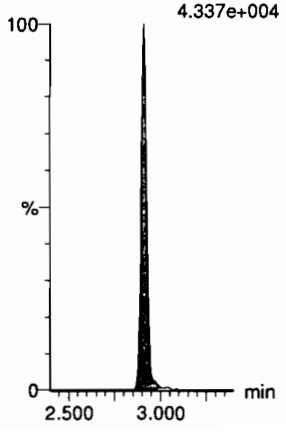
13C3-PFPeA-EIS



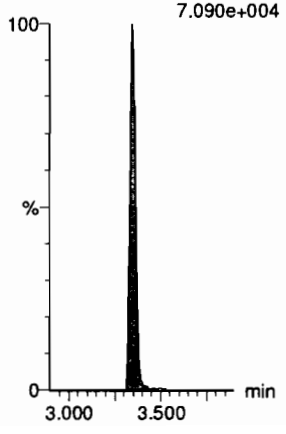
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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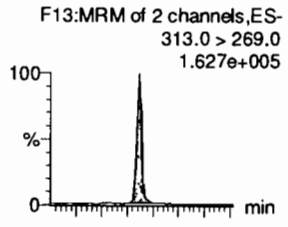
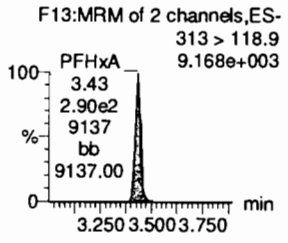
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

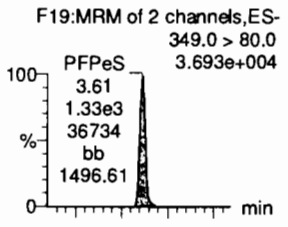
Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

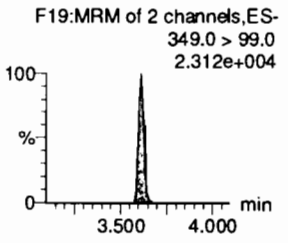
PFHxA



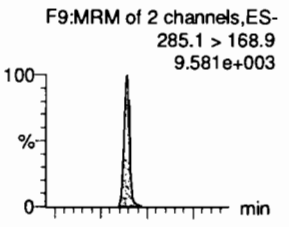


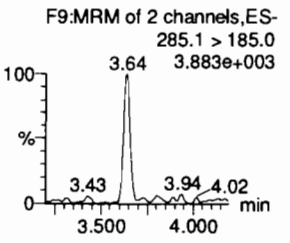
PFPeS



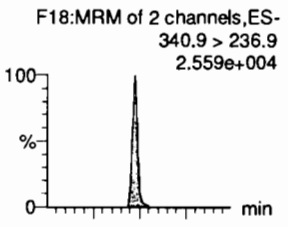


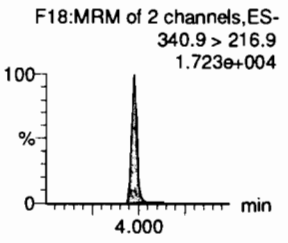
HFPO-DA



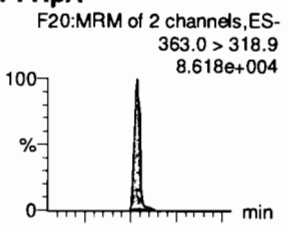


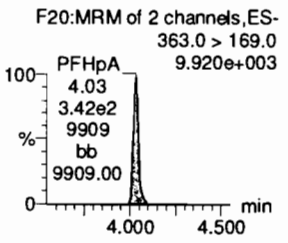
5:3 FTCA





PFHpA





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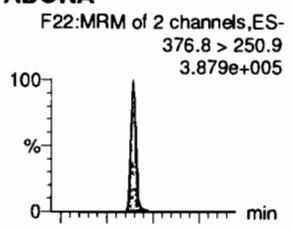
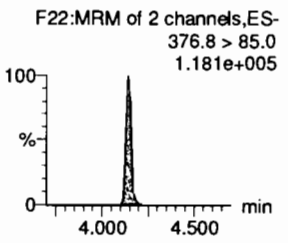
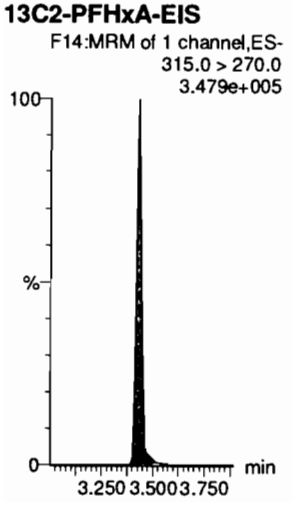
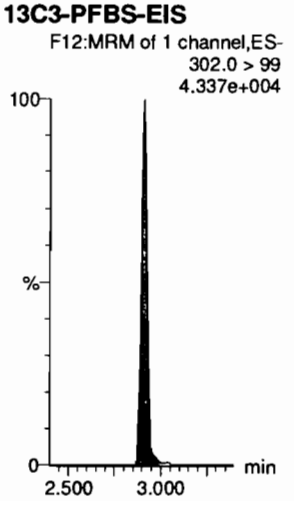




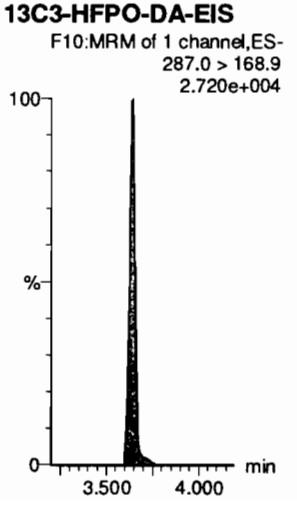
13C2-PFHxA-EIS



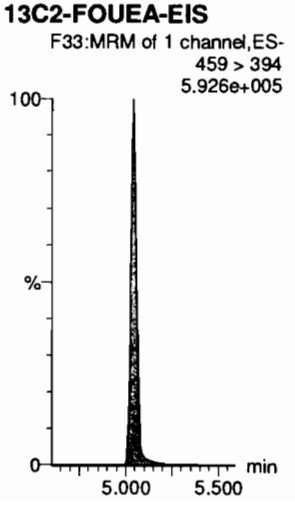
13C3-PFBS-EIS



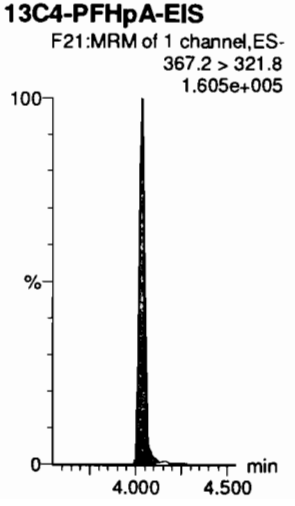
13C3-HFPO-DA-EIS



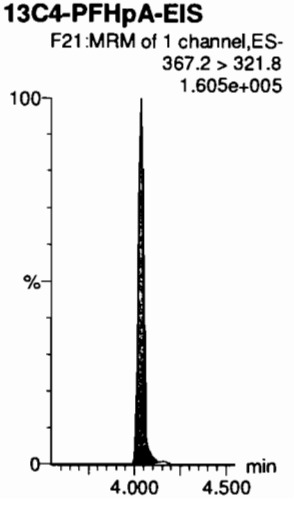
13C2-FOUEA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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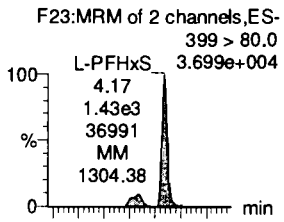
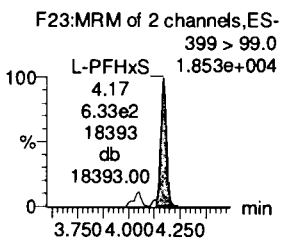
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

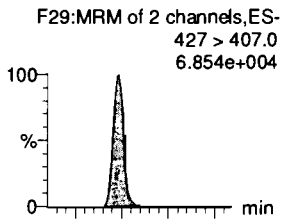
Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

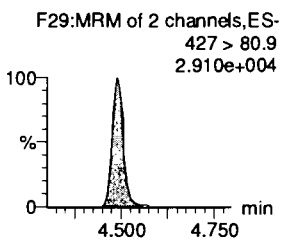
L-PFHxS



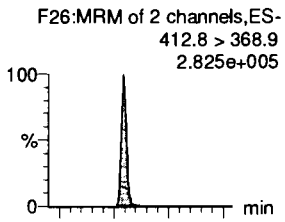


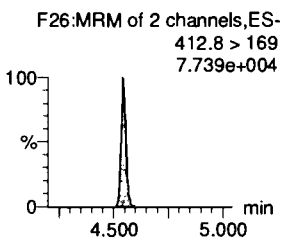
6:2 FTS





L-PFOA





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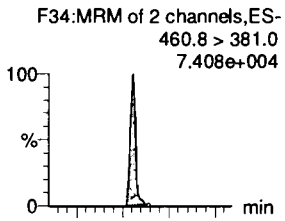

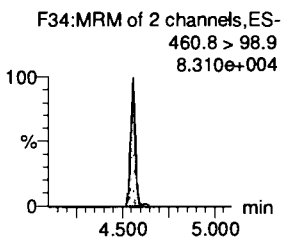

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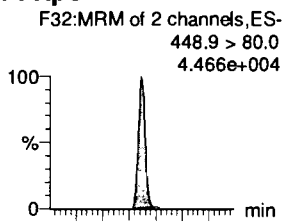
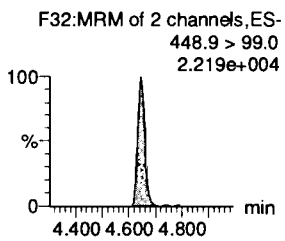
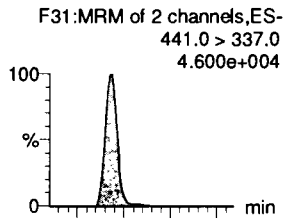
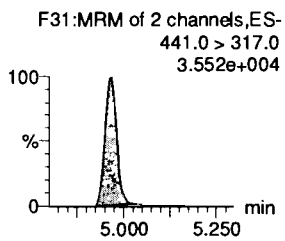


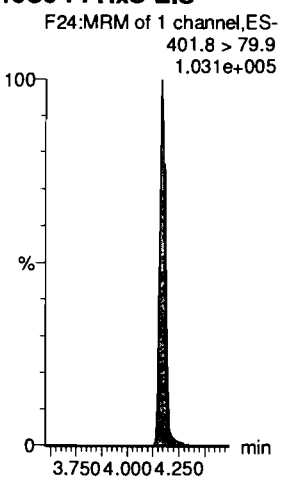


7:3 FTCA

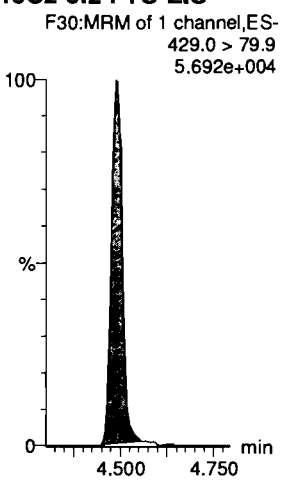




13C3-PFHxS-EIS

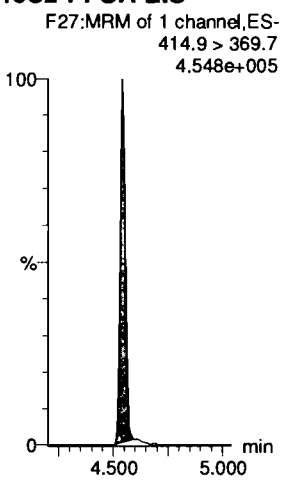


13C2-6:2 FTS-EIS

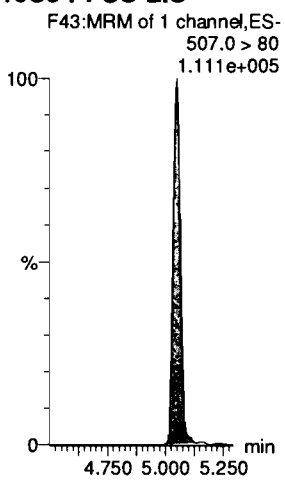


13C2-PFOA-EIS

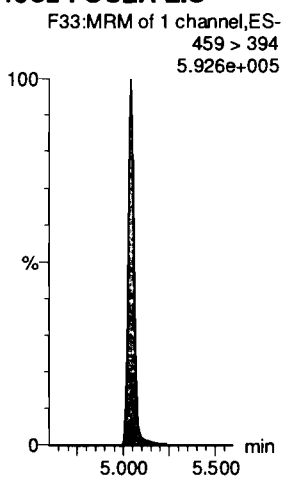
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



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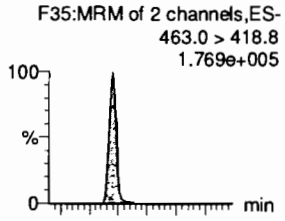
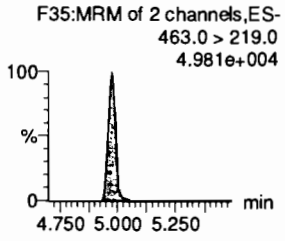
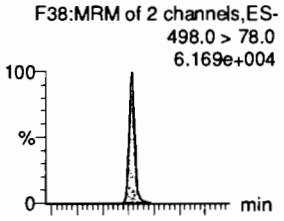
Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

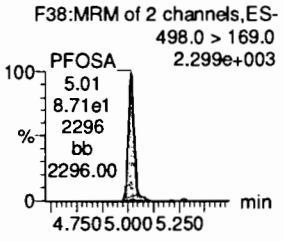
PFNA



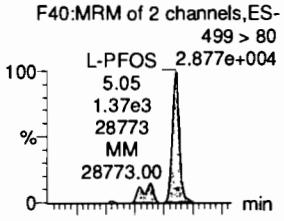


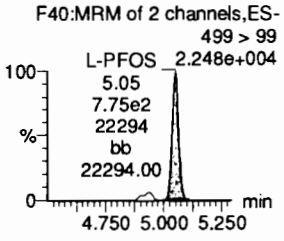
PFOSA



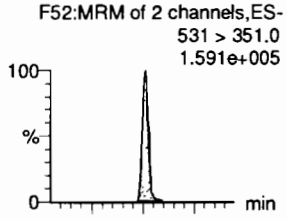


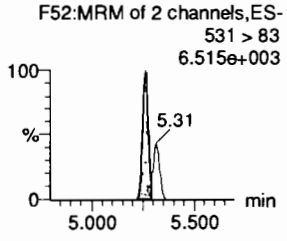
L-PFOS



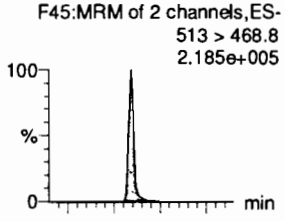


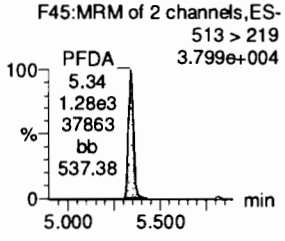
9Cl-PF30NS



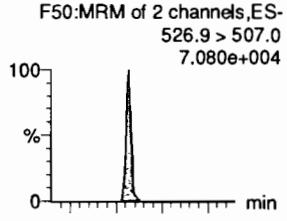


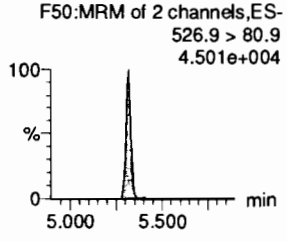
PFDA



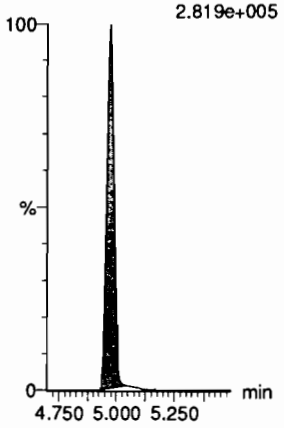


8:2 FTS

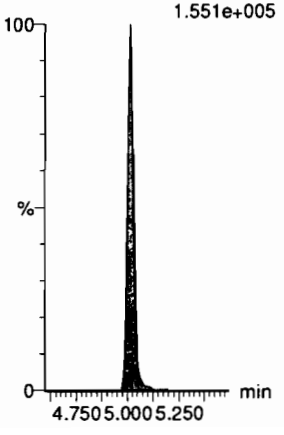




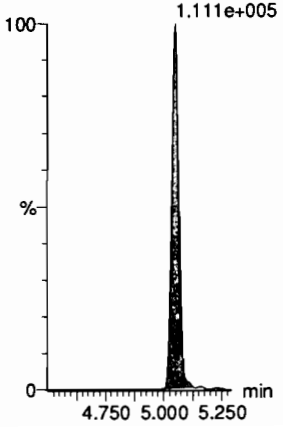
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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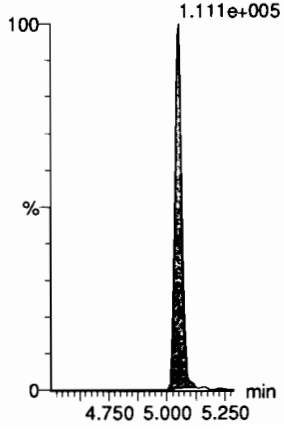

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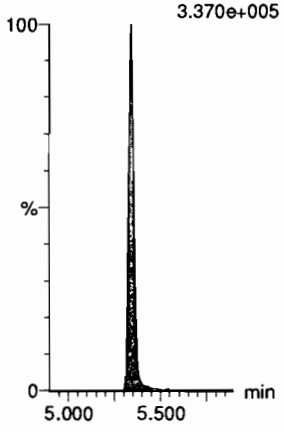
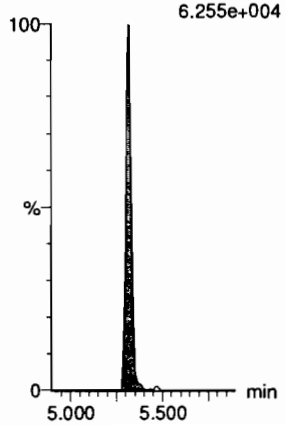


13C2-8:2 FTS-EIS



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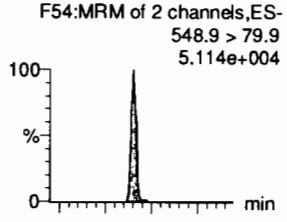
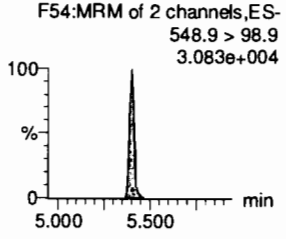
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

PFNS





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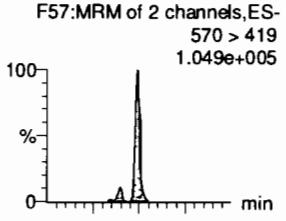

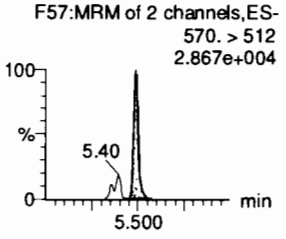

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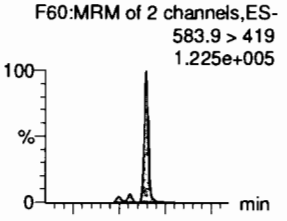
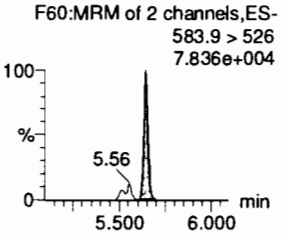
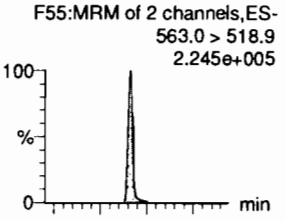
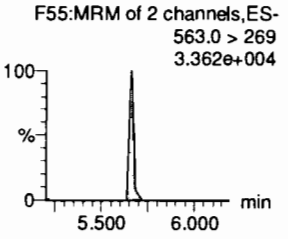




PFUdA





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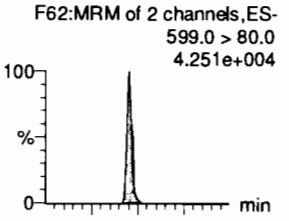

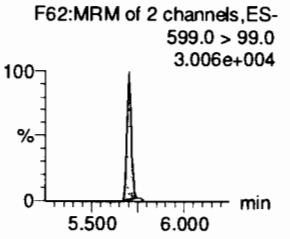

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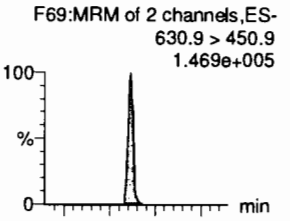
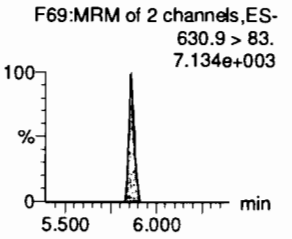
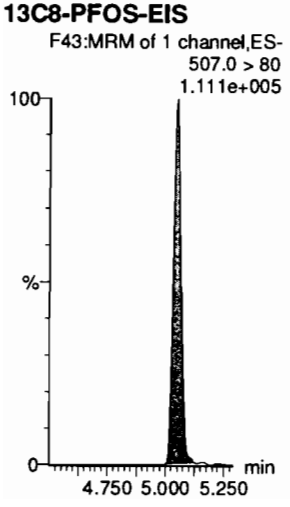
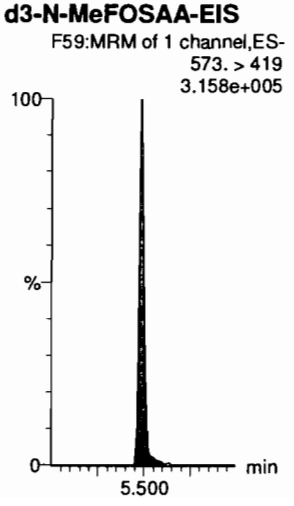




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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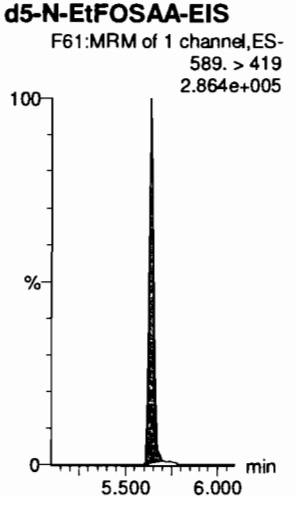
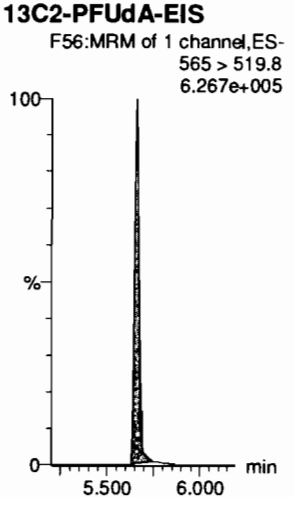


13C2-PFUdA-EIS



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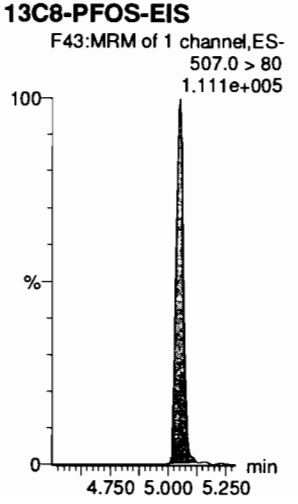
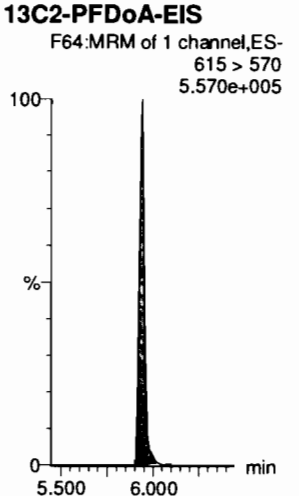


13C2-PFDoA-EIS



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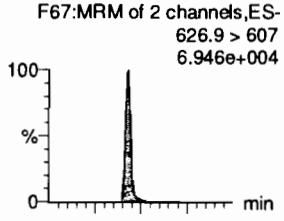
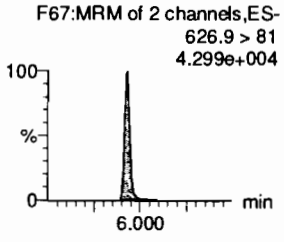
Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

10:2 FTS





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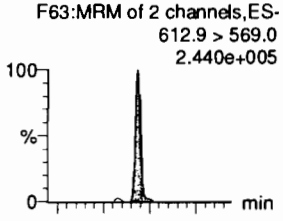
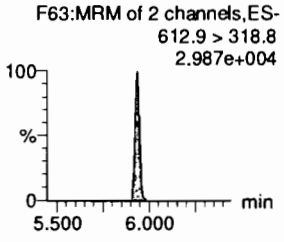
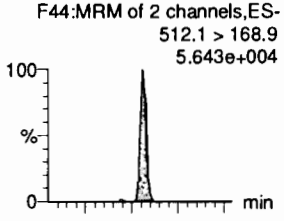
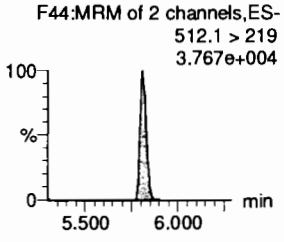




N-MeFOSA





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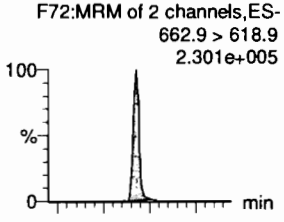

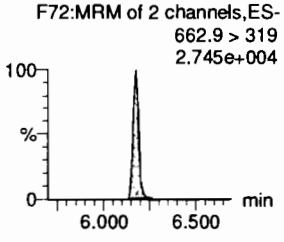

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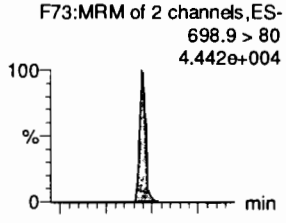

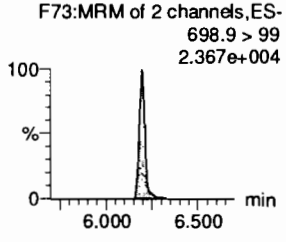

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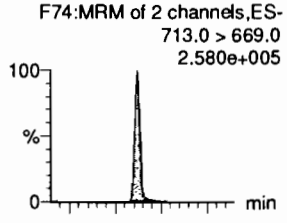

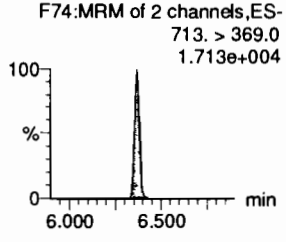

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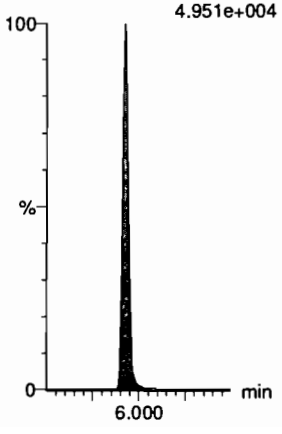

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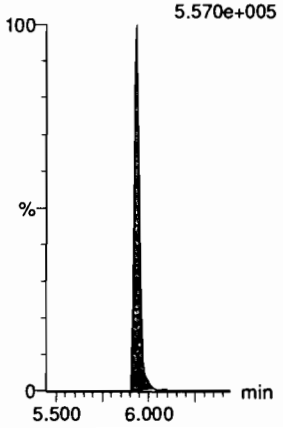
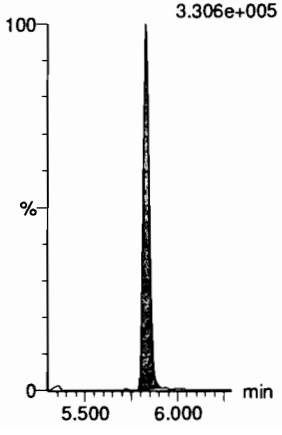


d3-N-MeFOSA-EIS



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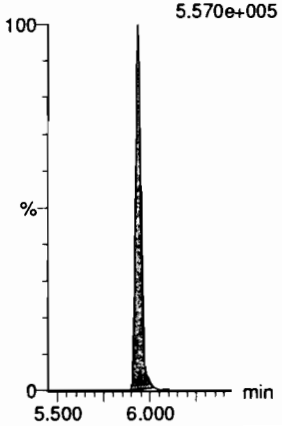

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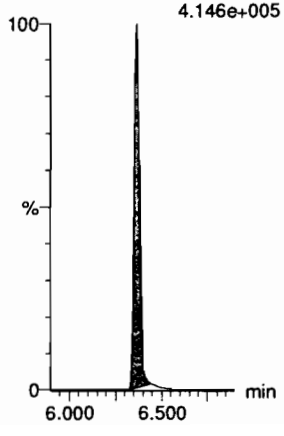

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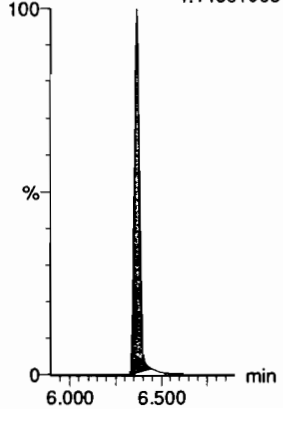

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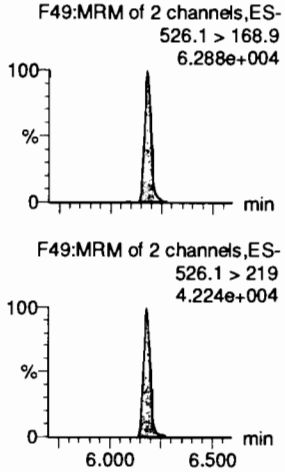
Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

N-EtFOSA



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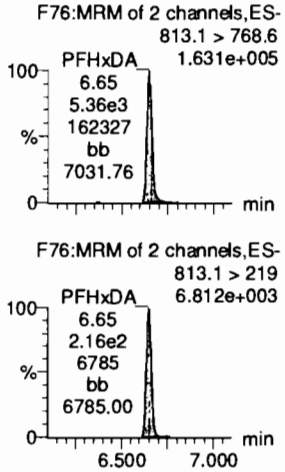

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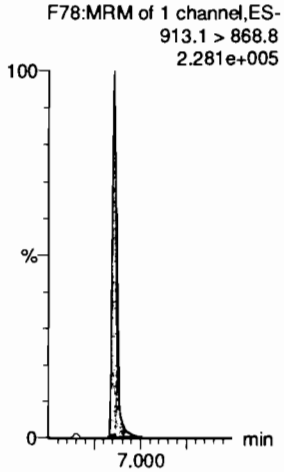
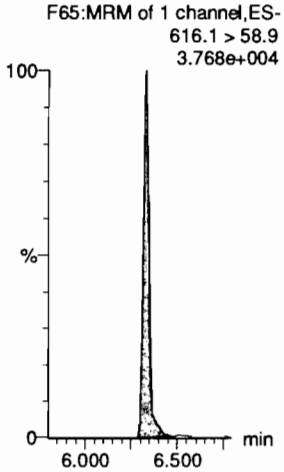
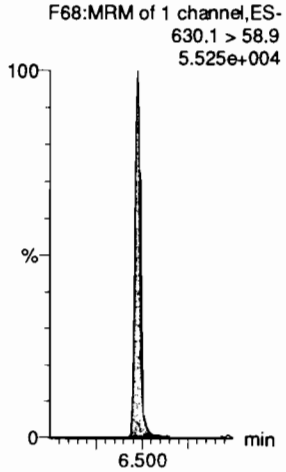


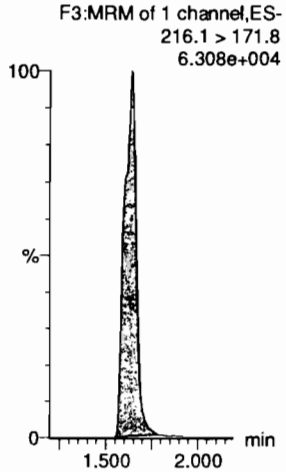
N-MeFOSE



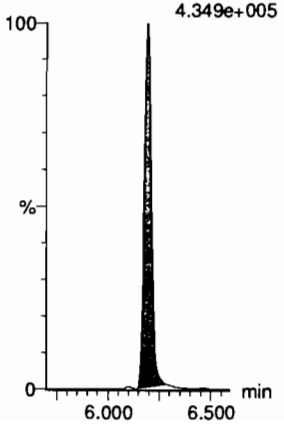
N-EtFOSE



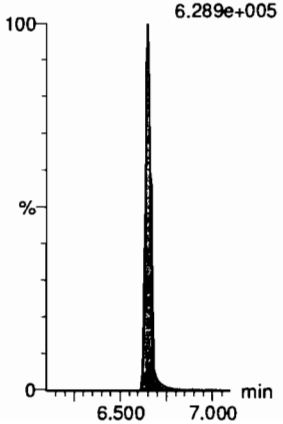
13C3-PFBA-RSD



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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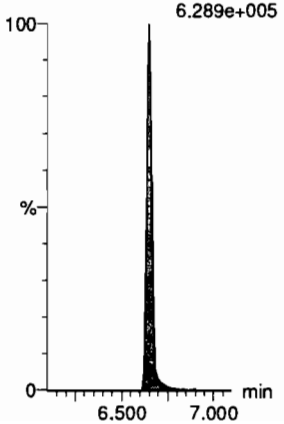

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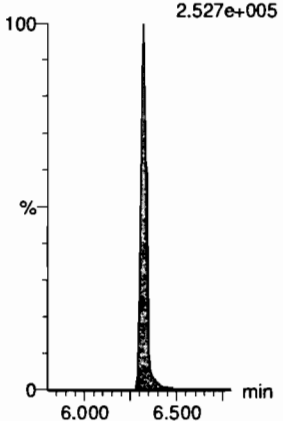

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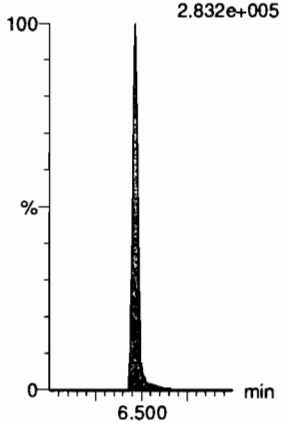

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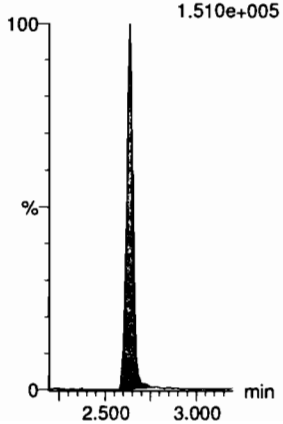

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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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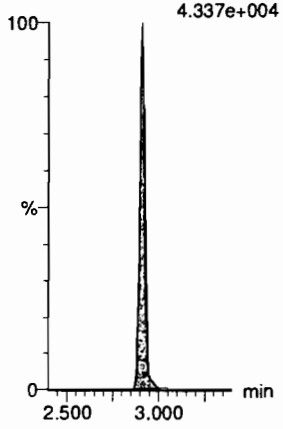
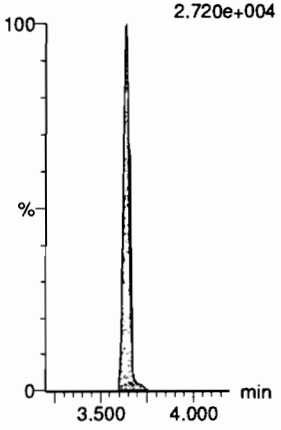
Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

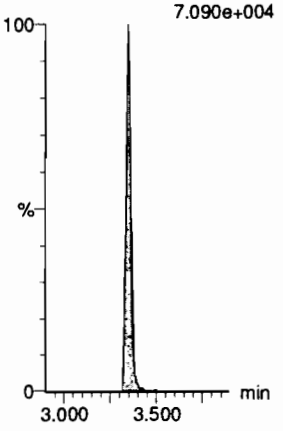
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.337e+004



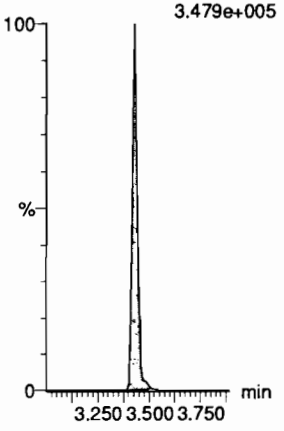
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.720e+004



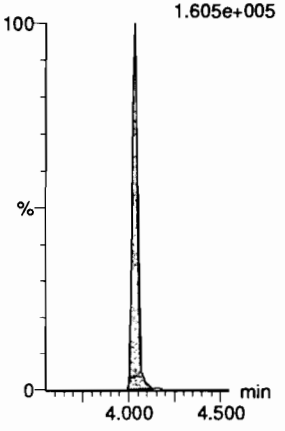
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.090e+004



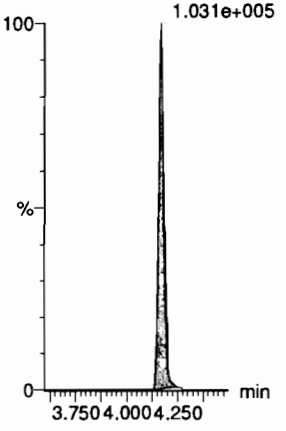
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.479e+005



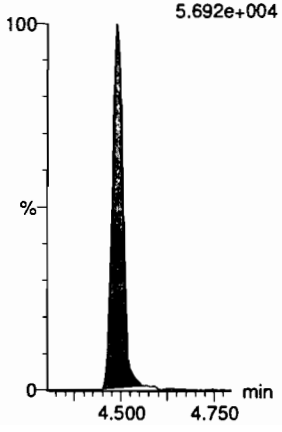
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.605e+005



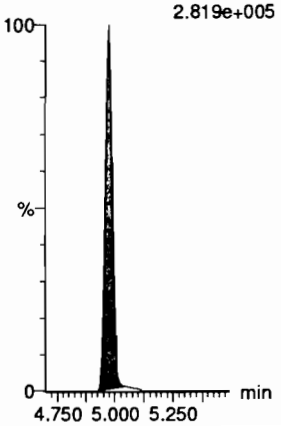
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.031e+005



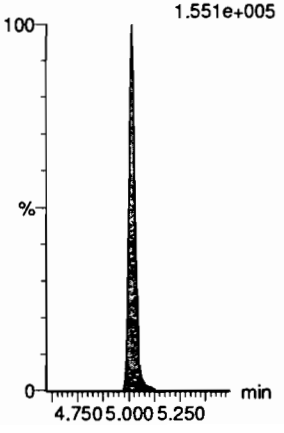
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.692e+004



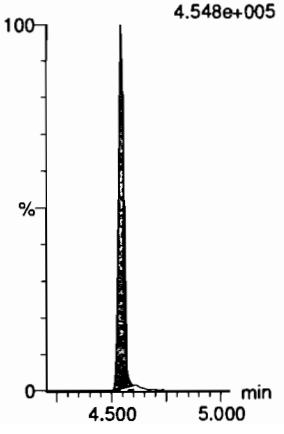
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.819e+005



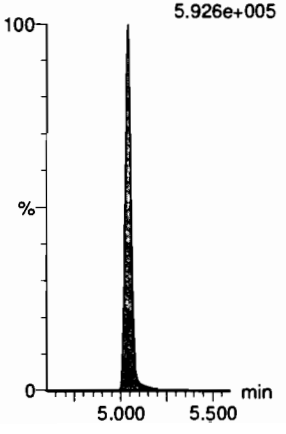
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.551e+005



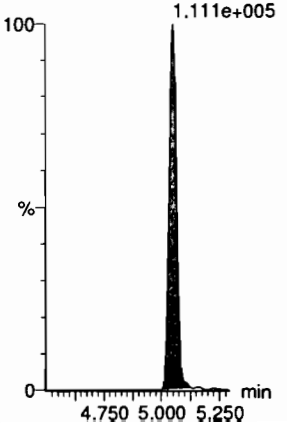
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.548e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.926e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.111e+005



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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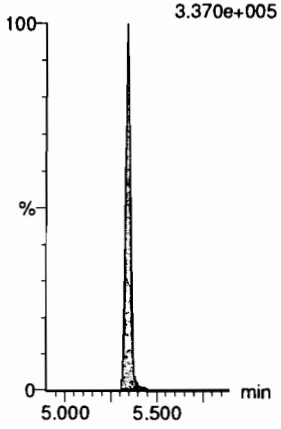
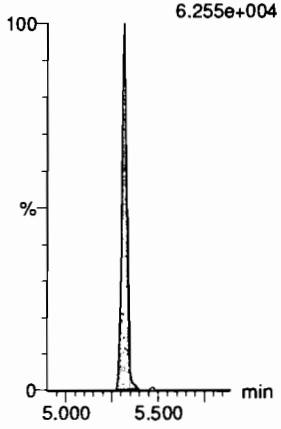
Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

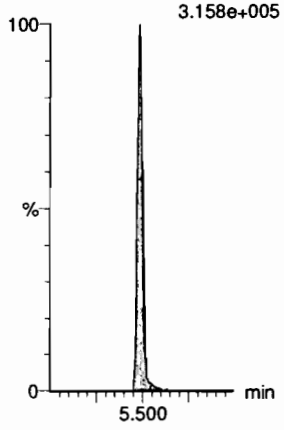
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.370e+005



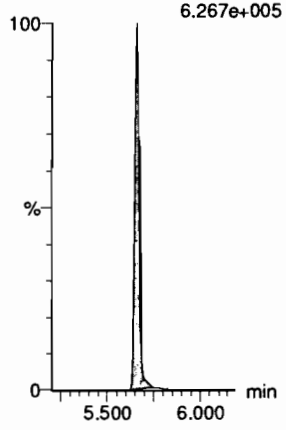
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.255e+004



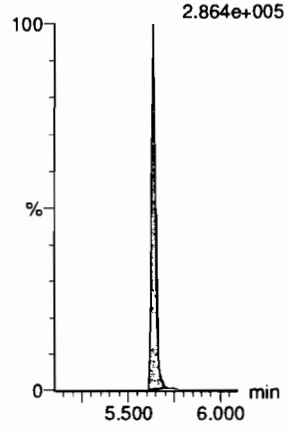
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.158e+005



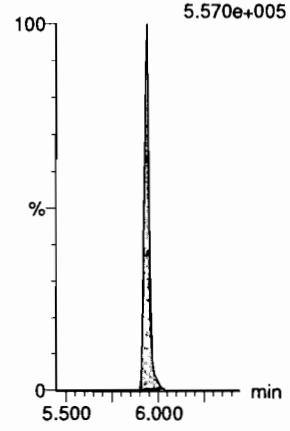
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.267e+005



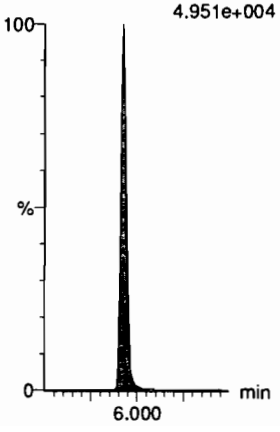
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.864e+005



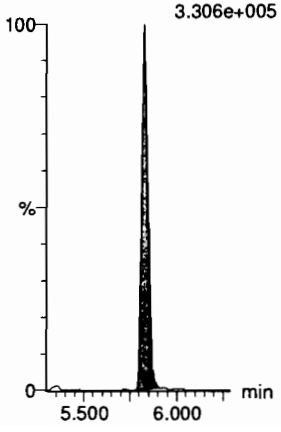
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.570e+005



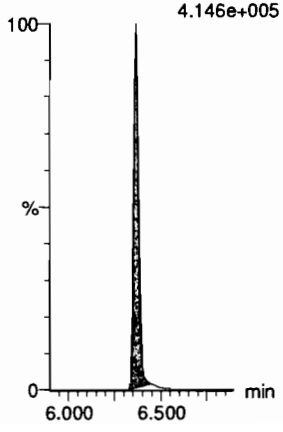
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.951e+004



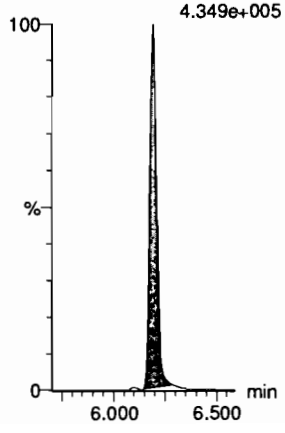
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.306e+005



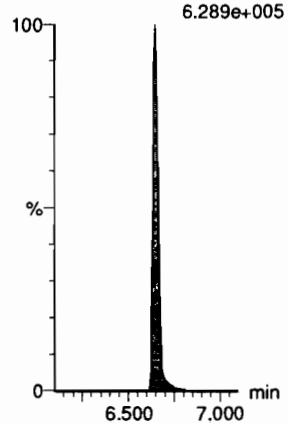
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.146e+005



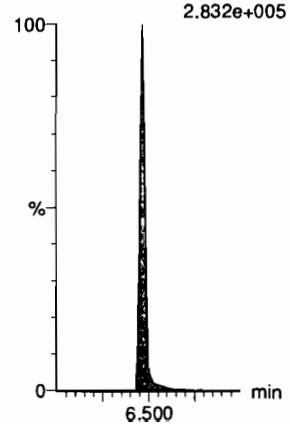
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.349e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.289e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.832e+005

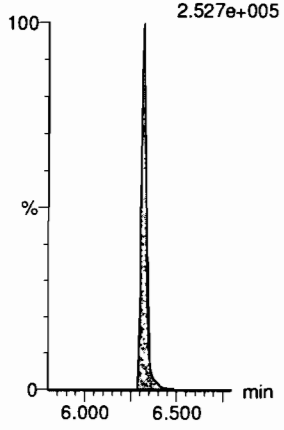


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

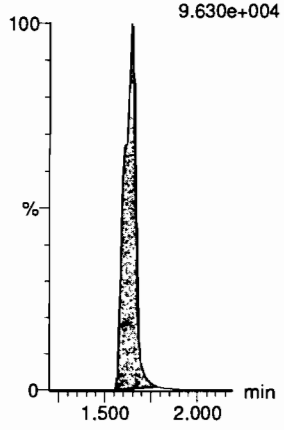
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_7, Date: 30-Jun-2020, Time: 16:25:40, ID: ST200630M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

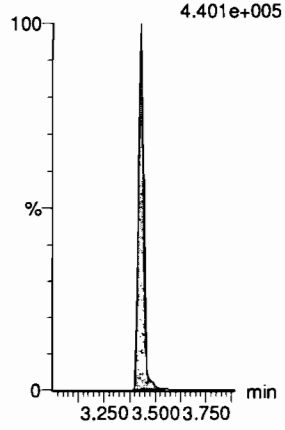
d7-N-MeFOSE-RSD



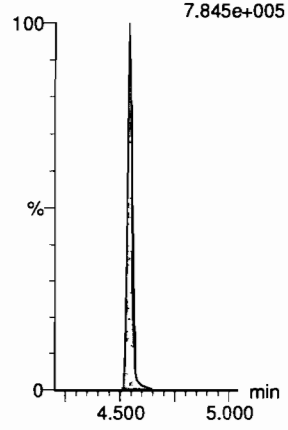
13C4-PFBA



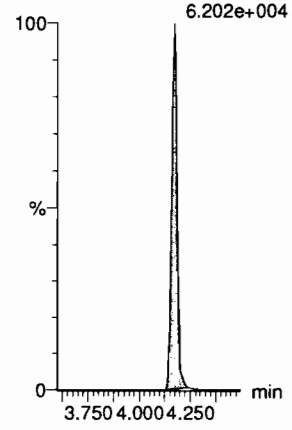
13C5-PFHxA



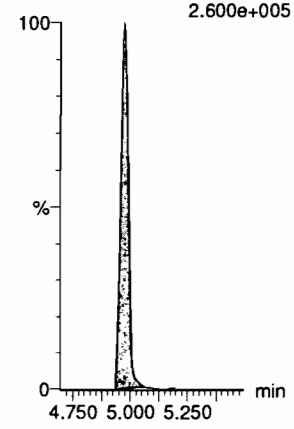
13C8-PFOA



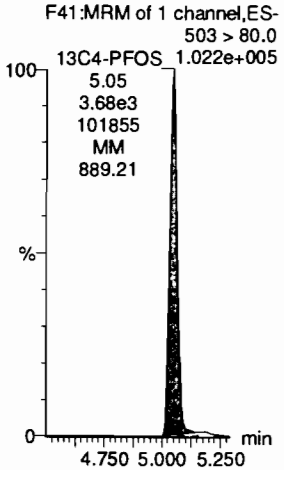
18O2-PFHxS



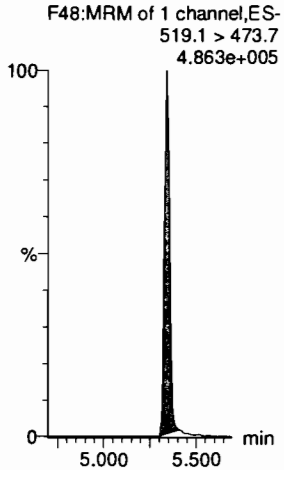
13C9-PFNA



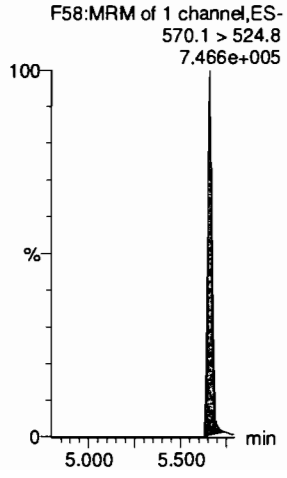
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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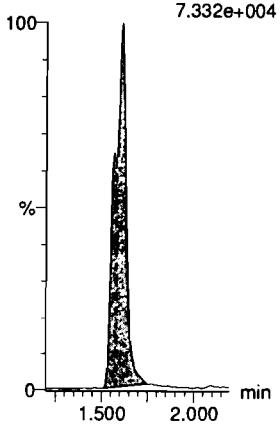
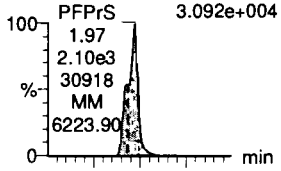
Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

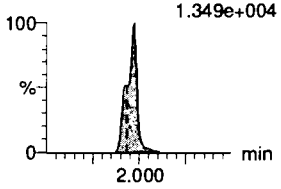
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
7.332e+004



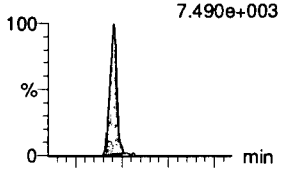
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
3.092e+004



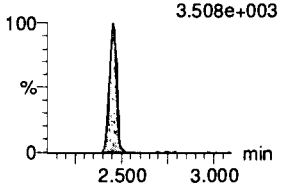
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.349e+004



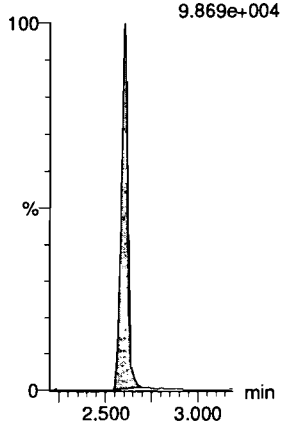
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
7.490e+003



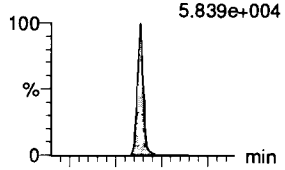
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.508e+003



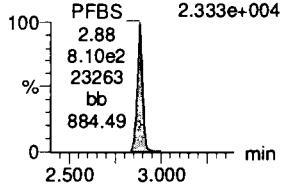
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
9.869e+004



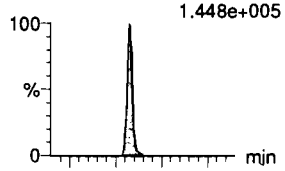
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
5.839e+004



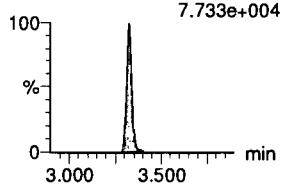
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.333e+004



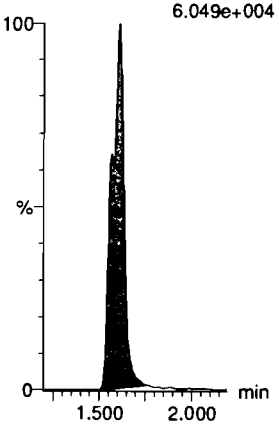
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.448e+005



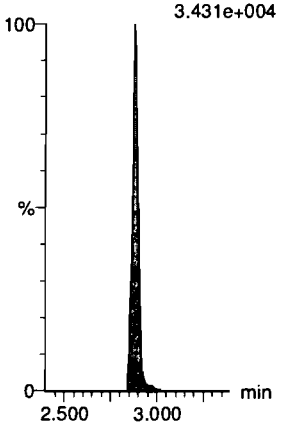
F16:MRM of 2 channels,ES-
327.0 > 80.9
7.733e+004



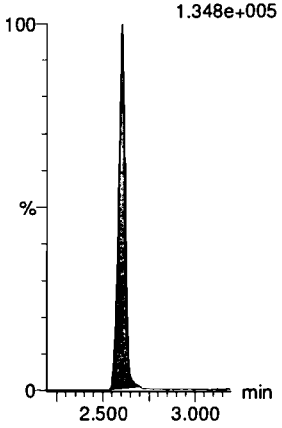
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.049e+004



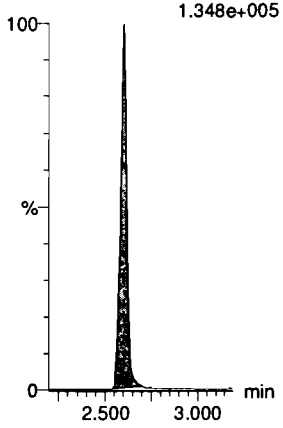
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.431e+004



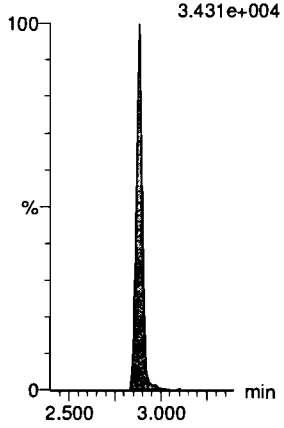
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.348e+005



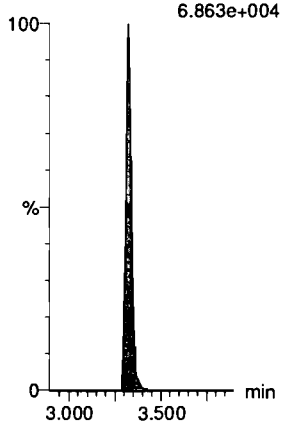
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.348e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.431e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.863e+004



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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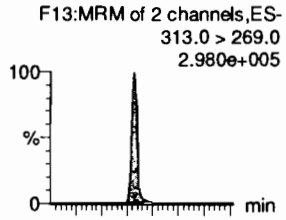
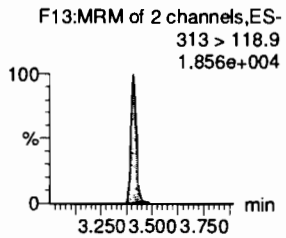
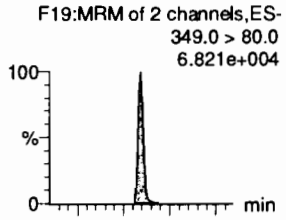
Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

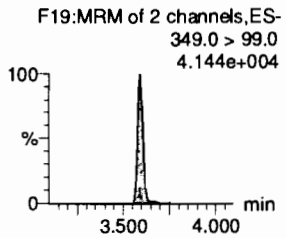
PFHxA



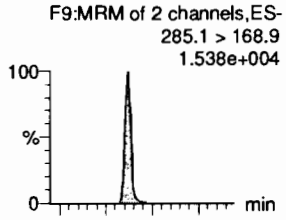


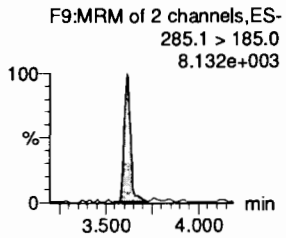
PFPeS



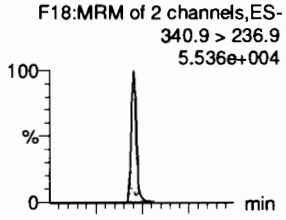


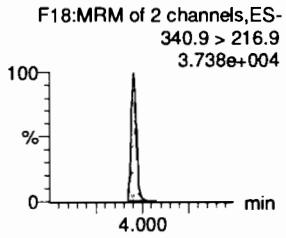
HFPO-DA



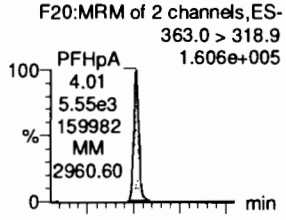


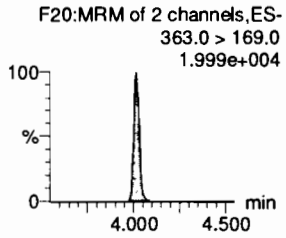
5:3 FTCA



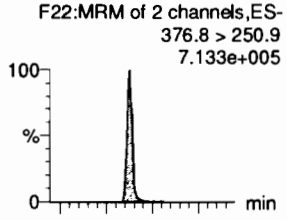


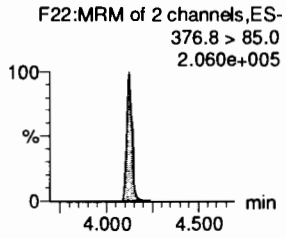
PFHpA



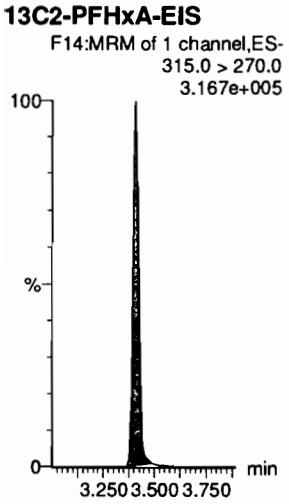


ADONA

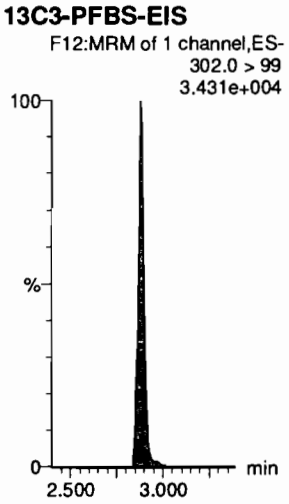




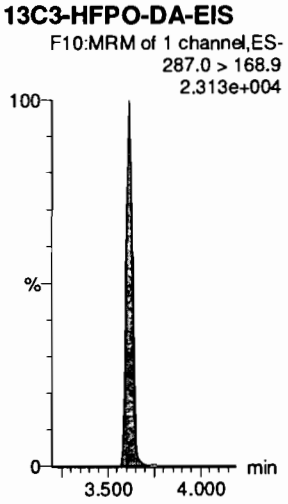
13C2-PFHxA-EIS



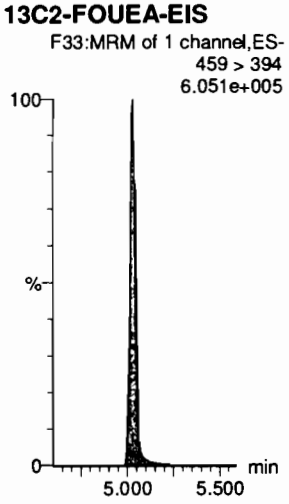
13C3-PFBS-EIS



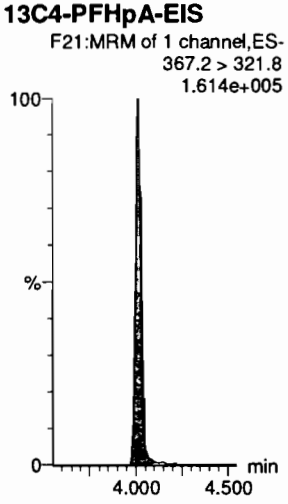
13C3-HFPO-DA-EIS



13C2-FOUEA-EIS



13C4-PFHpA-EIS



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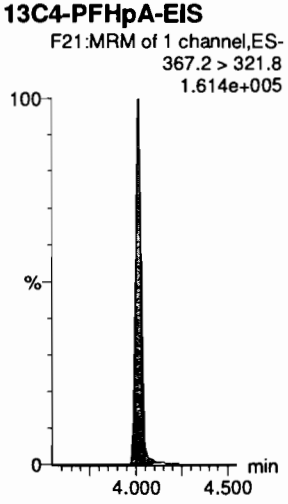

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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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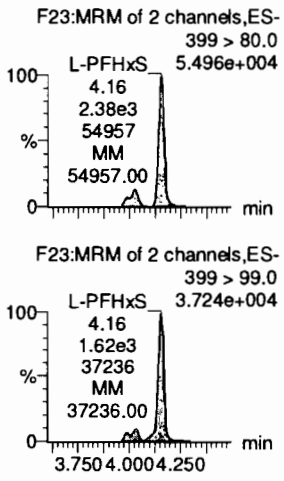
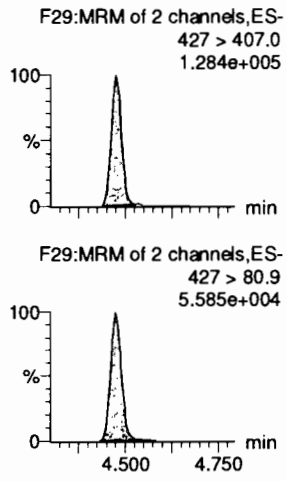
Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

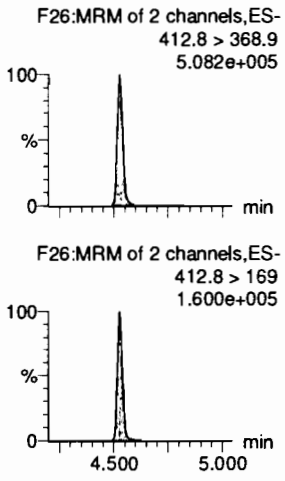
L-PFHxS



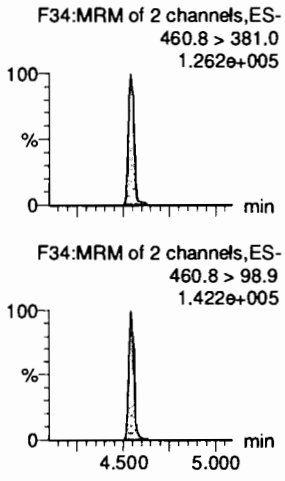
6:2 FTS



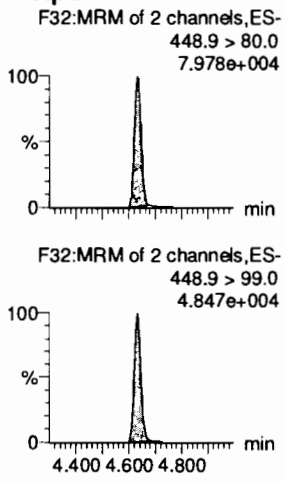
L-PFOA



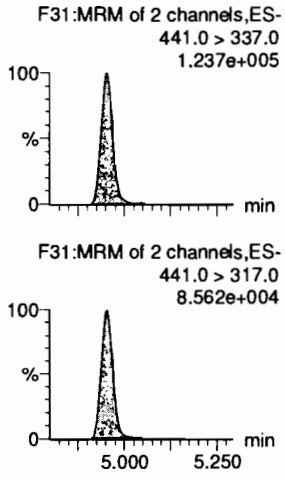
PFEChS



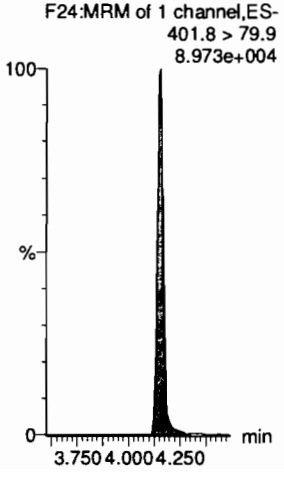
PFHpS



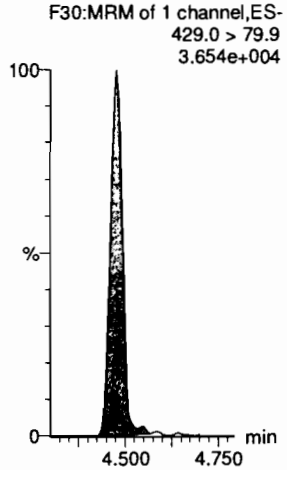
7:3 FTCA



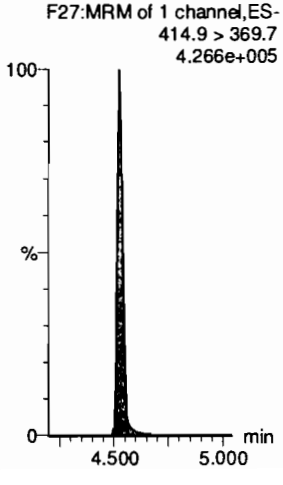
13C3-PFHxS-EIS



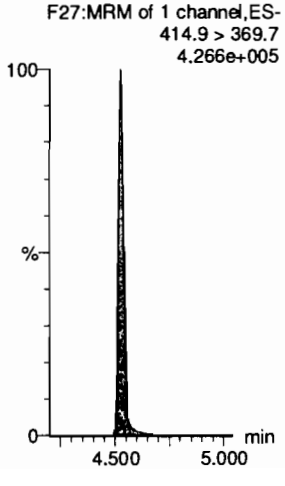
13C2-6:2 FTS-EIS



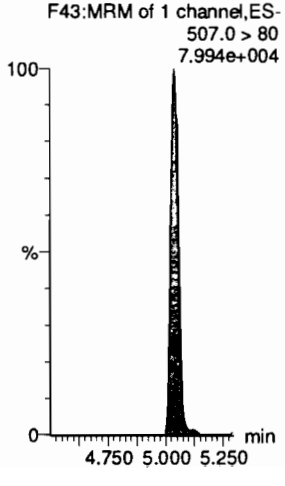
13C2-PFOA-EIS



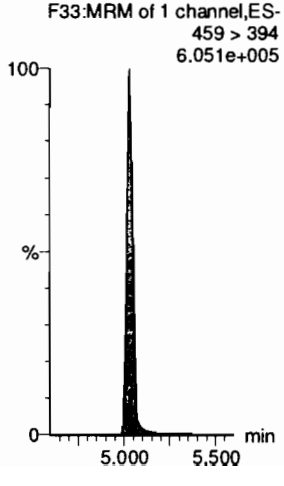
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



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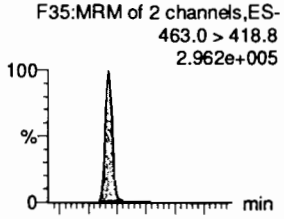
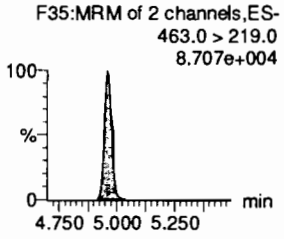
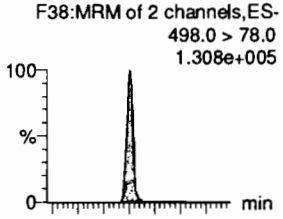
Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

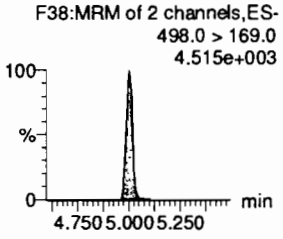
PFNA



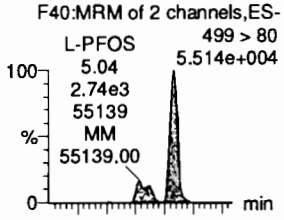


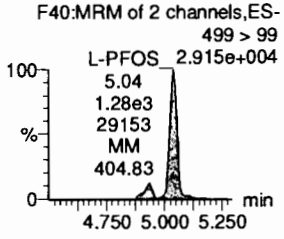
PFOSA



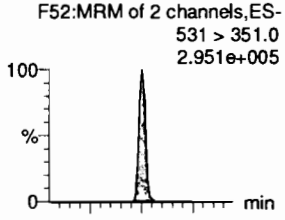


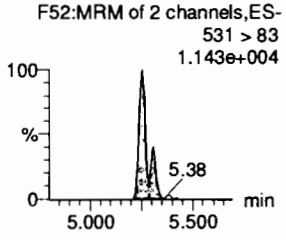
L-PFOS



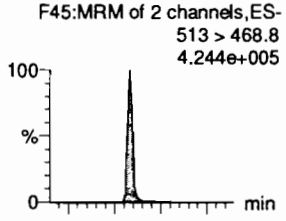


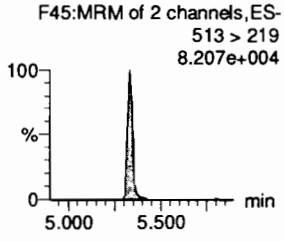
9Cl-PF30NS



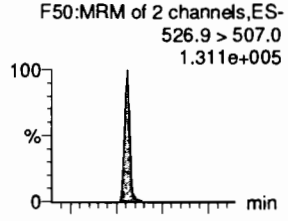


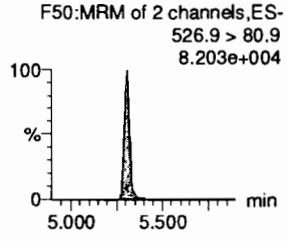
PFDA



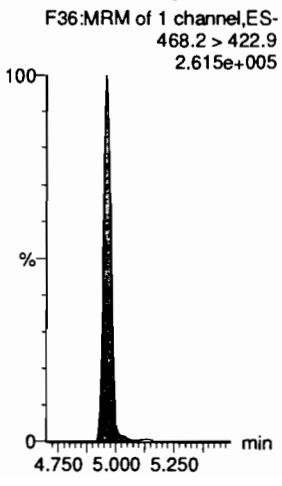


8:2 FTS

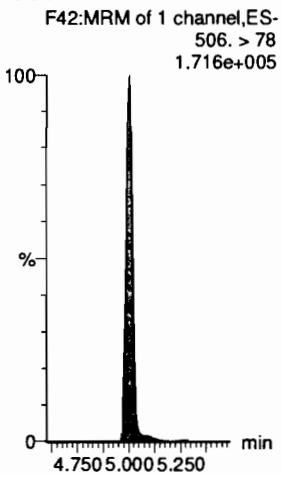




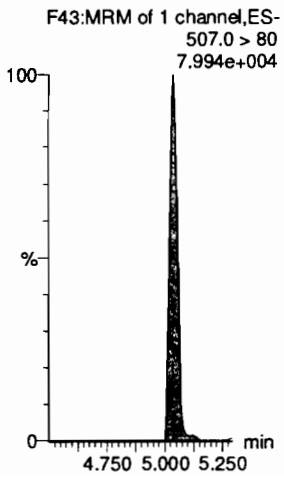
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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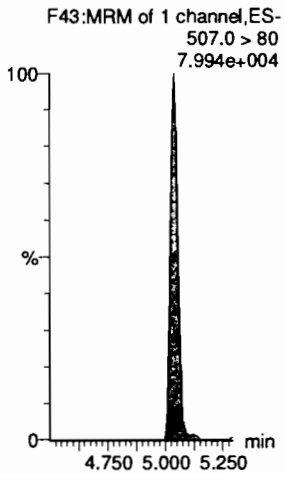
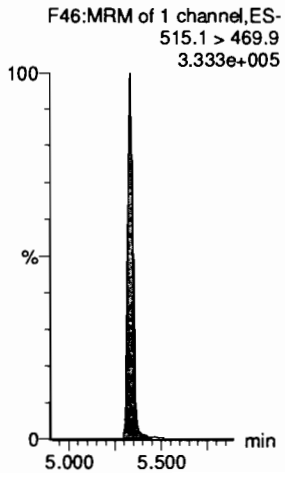
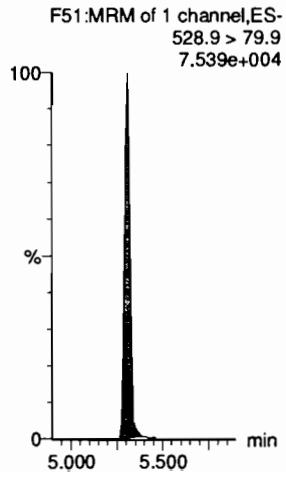


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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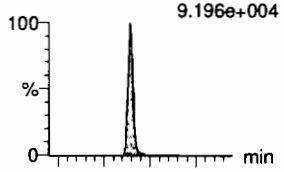
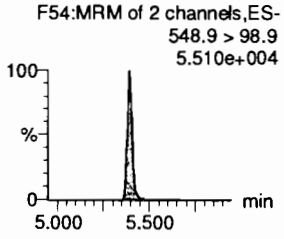
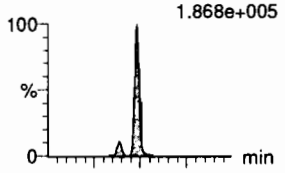
Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

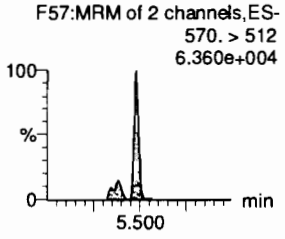
PFNS





L-MeFOSAA





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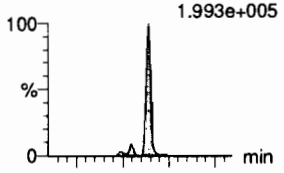
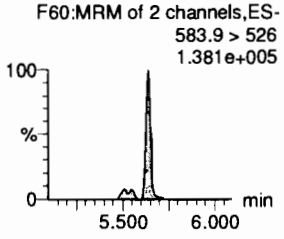
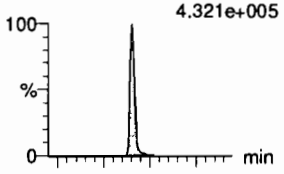
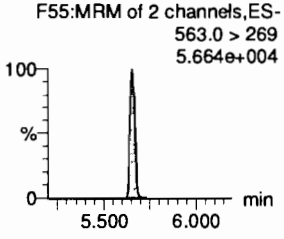


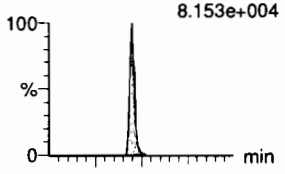


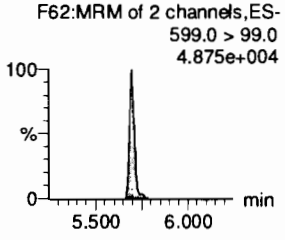
PFUdA



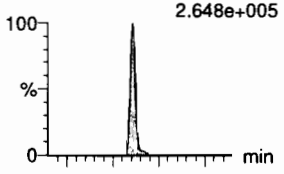


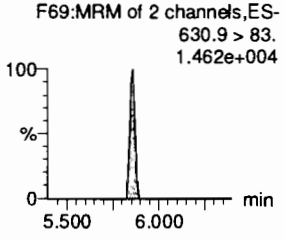
PFDS



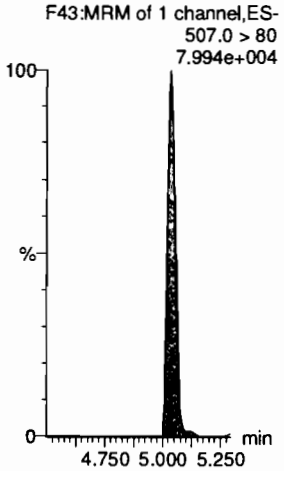


11Cl-PF30UdS

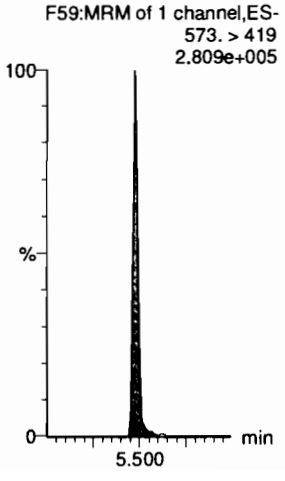




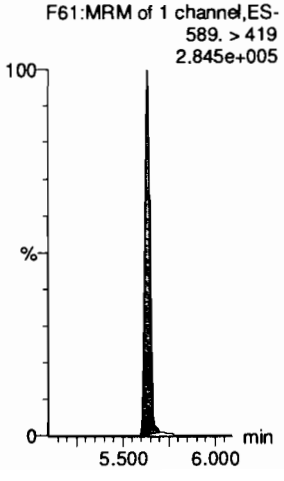
13C8-PFOS-EIS



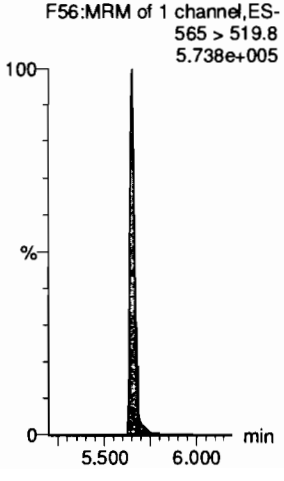
d3-N-MeFOSAA-EIS



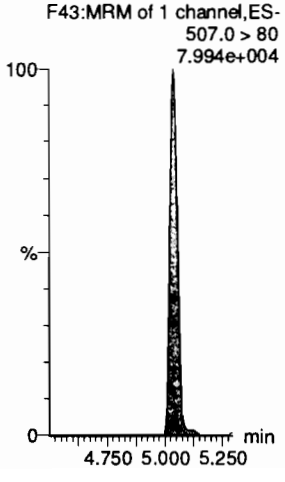
d5-N-EtFOSAA-EIS



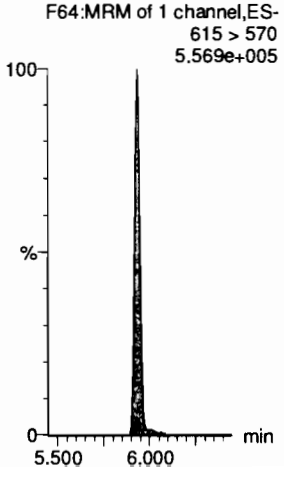
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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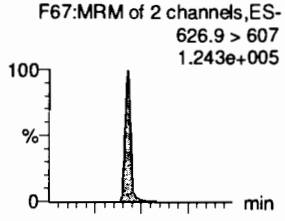
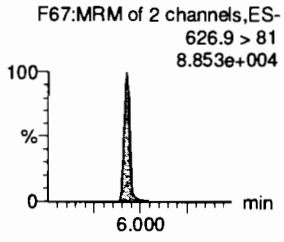
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

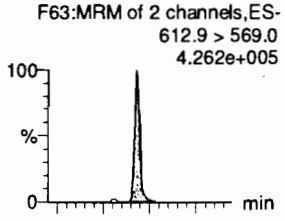
Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

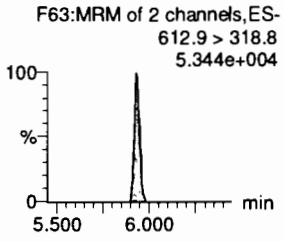
10:2 FTS



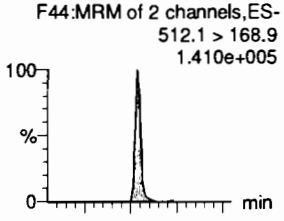


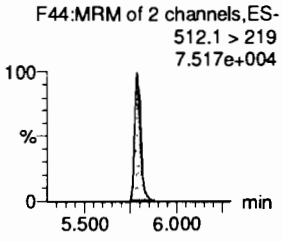
PFDoA





N-MeFOSA





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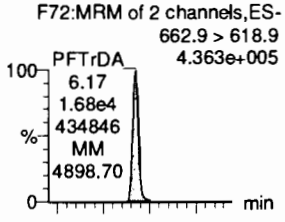
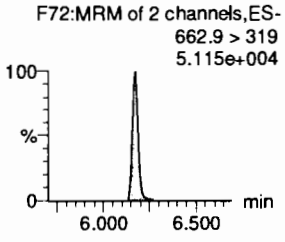
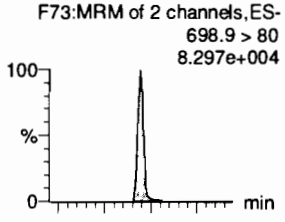
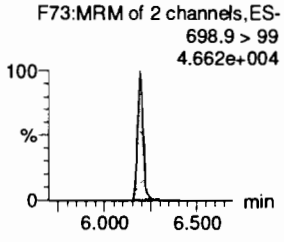




PFDoS





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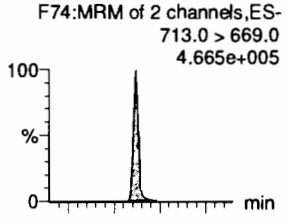
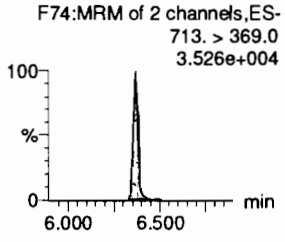
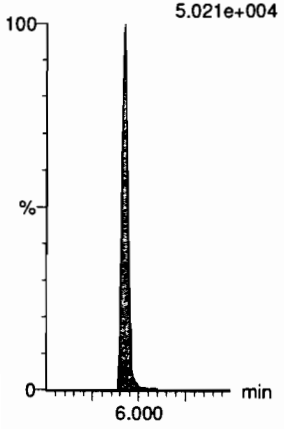
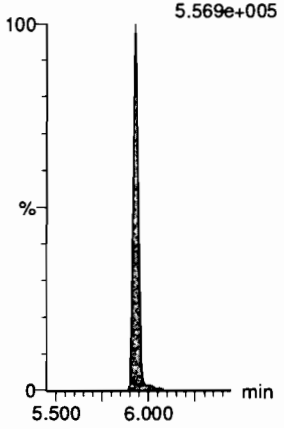




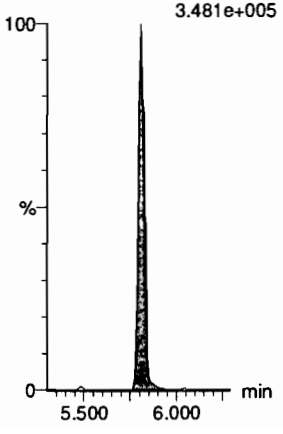
13C2-10:2 FTS-EIS



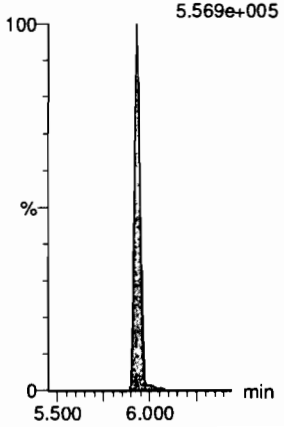
13C2-PFDoA-EIS



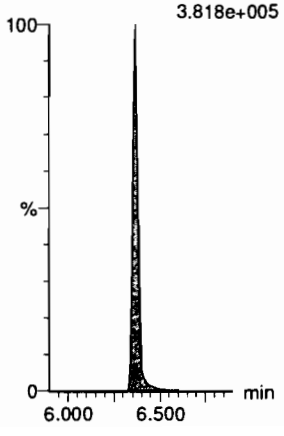
d3-N-MeFOSA-EIS



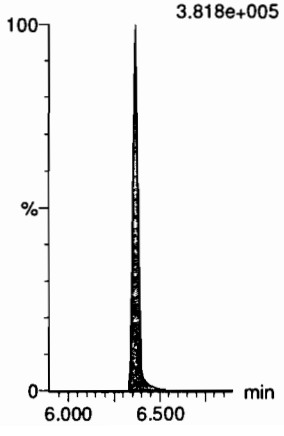
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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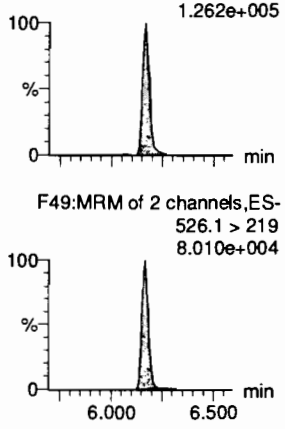
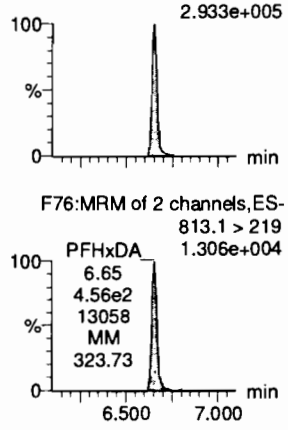
Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

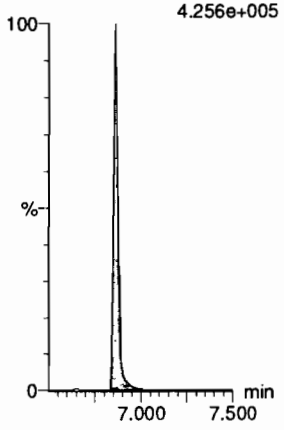
N-EtFOSA



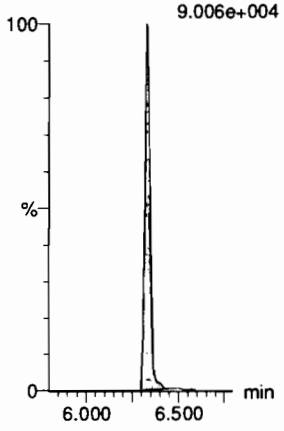
PFHxDA



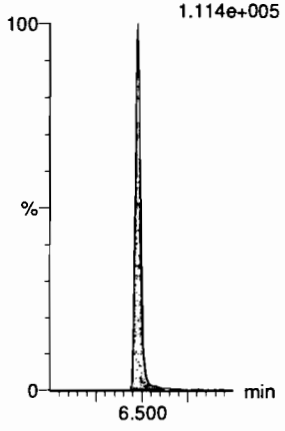
PFODA



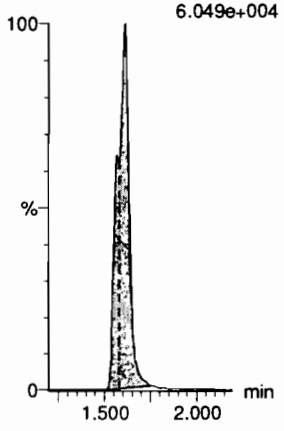
N-MeFOSE



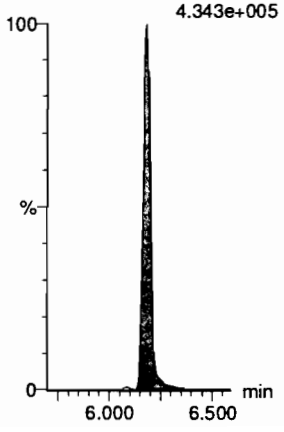
N-EtFOSE



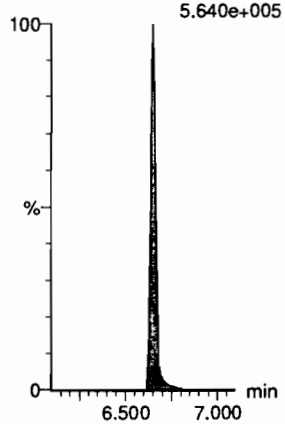
13C3-PFBA-RSD



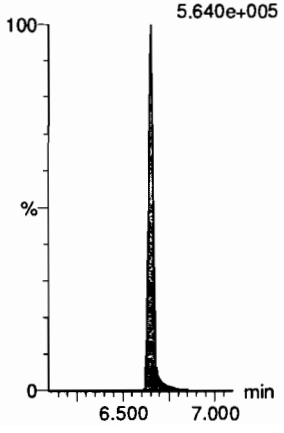
d5-N-ETFOSA-EIS



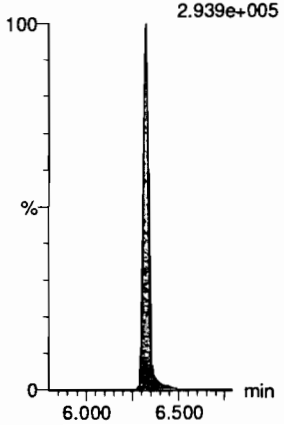
13C2-PFHxDA-EIS



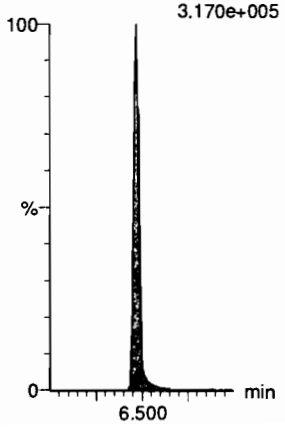
13C2-PFHxDA-EIS



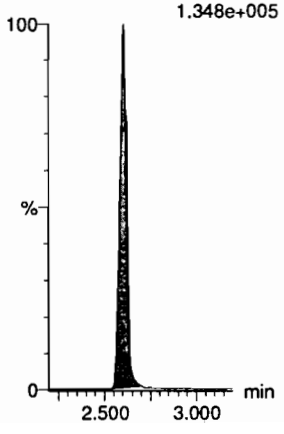
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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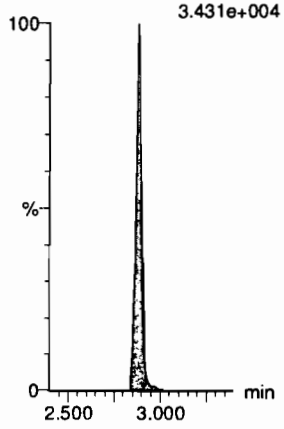
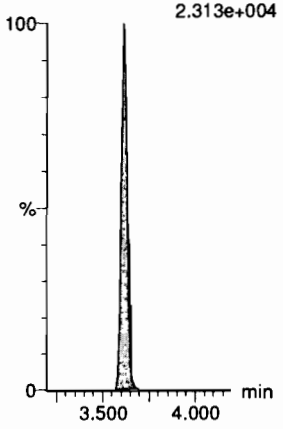
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

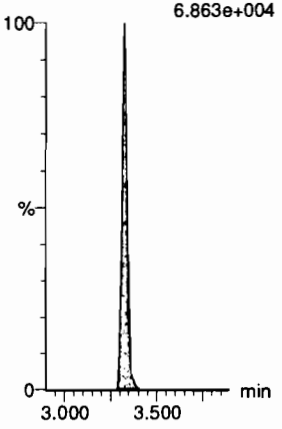
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.431e+004



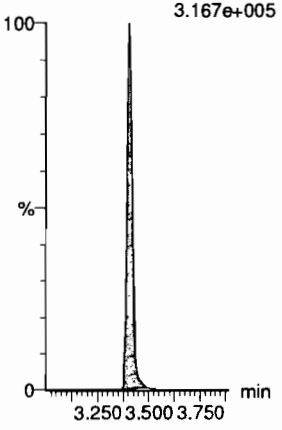
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.313e+004



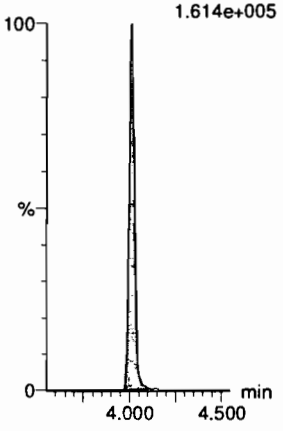
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.863e+004



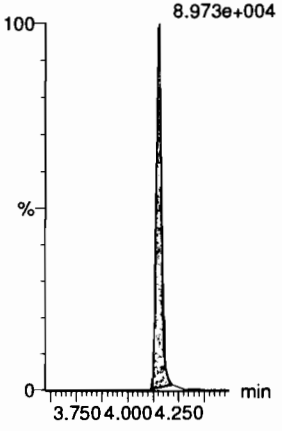
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.167e+005



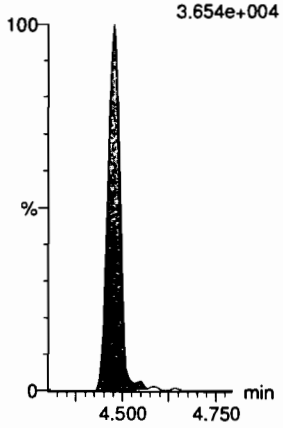
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.614e+005



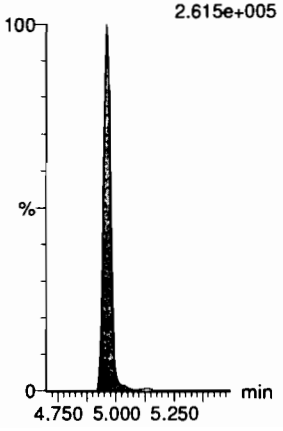
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.973e+004



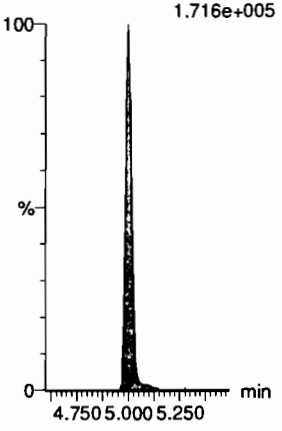
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.654e+004



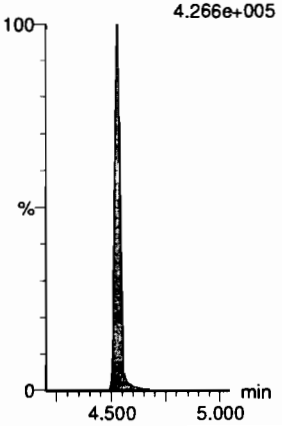
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.615e+005



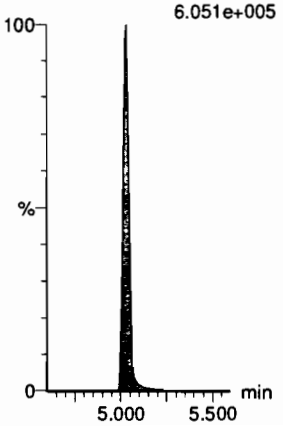
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.716e+005



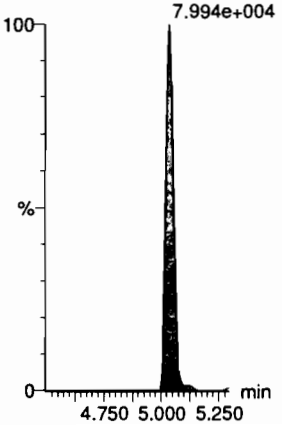
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.266e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
6.051e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
7.994e+004

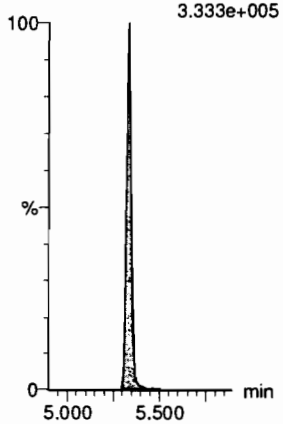


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

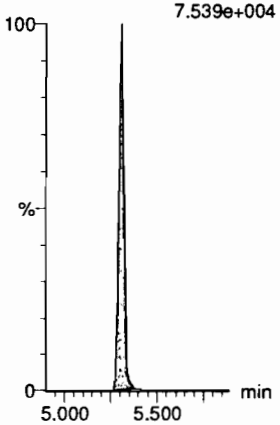
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

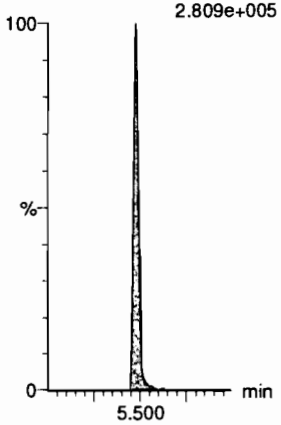
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.333e+005



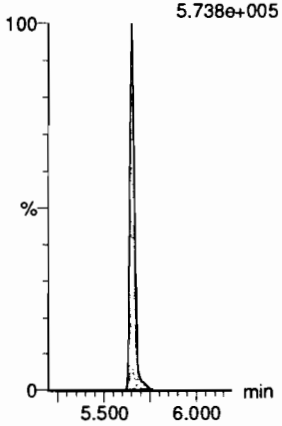
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.539e+004



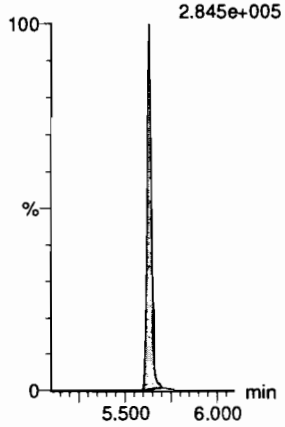
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.809e+005



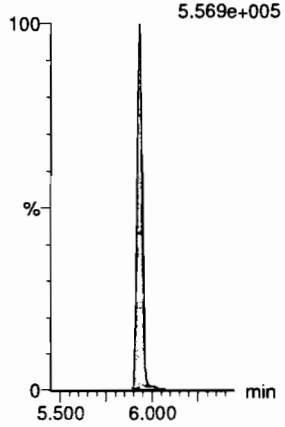
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.738e+005



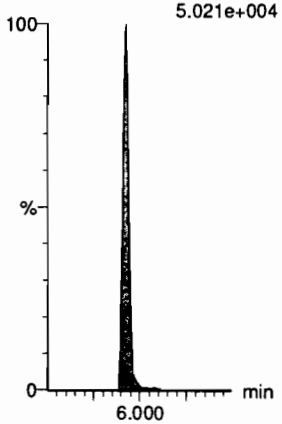
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.845e+005



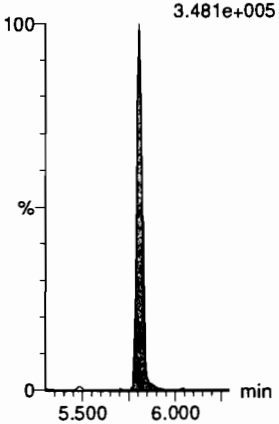
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.569e+005



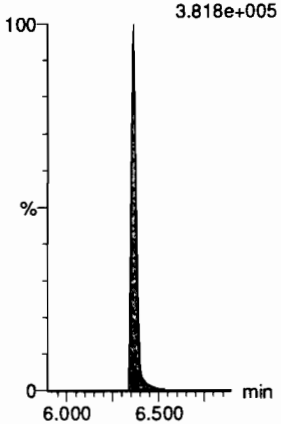
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.021e+004



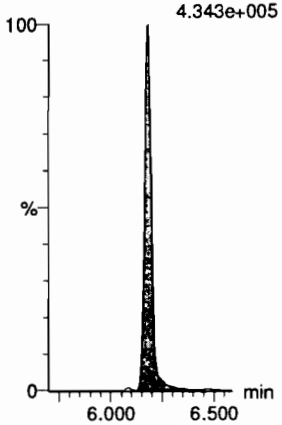
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.481e+005



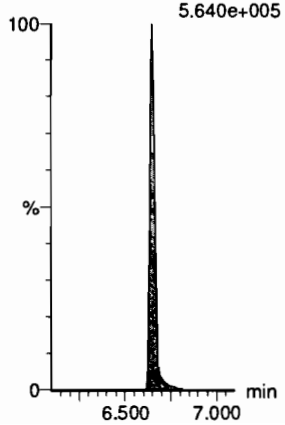
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.818e+005



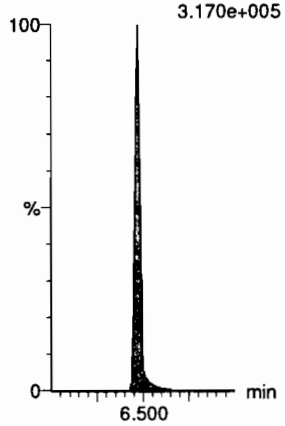
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.343e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.640e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.170e+005

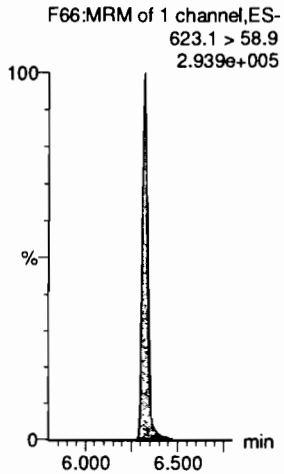


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

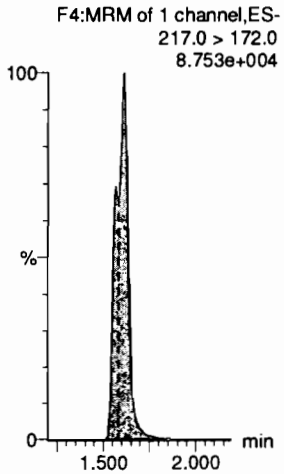
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_8, Date: 30-Jun-2020, Time: 16:36:04, ID: ST200630M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

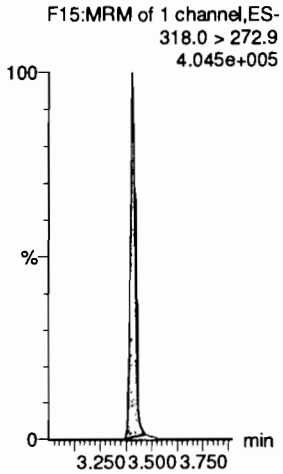
d7-N-MeFOSE-RSD



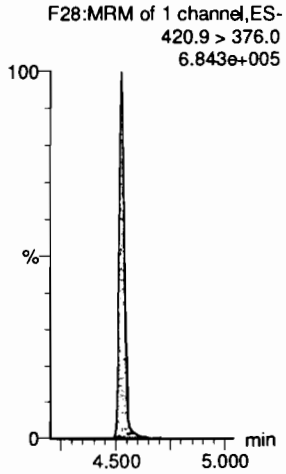
13C4-PFBA



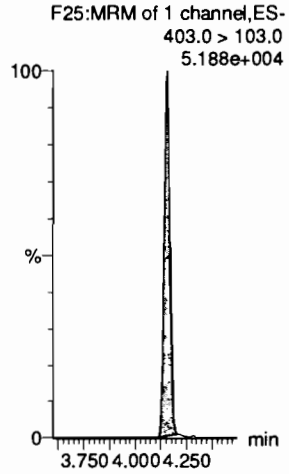
13C5-PFHxA



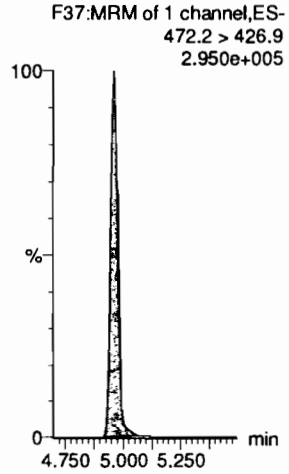
13C8-PFOA



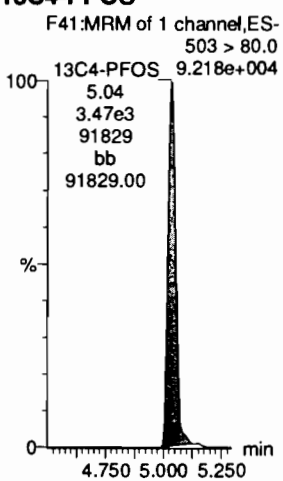
18O2-PFHxS



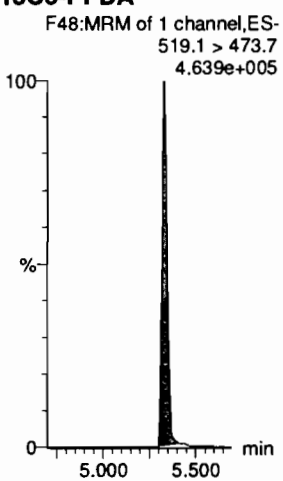
13C9-PFNA



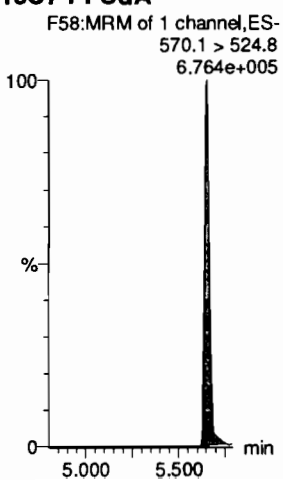
13C4-PFOS



13C6-PFDA



13C7-PFUdA

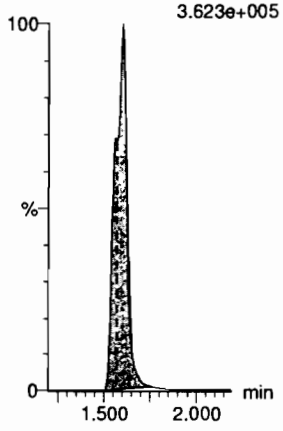


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

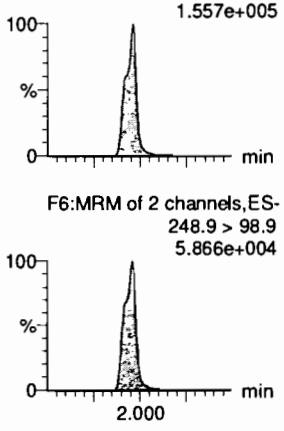
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

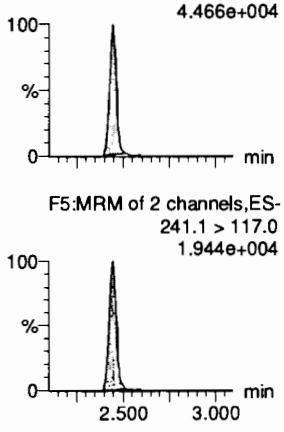
PFBA



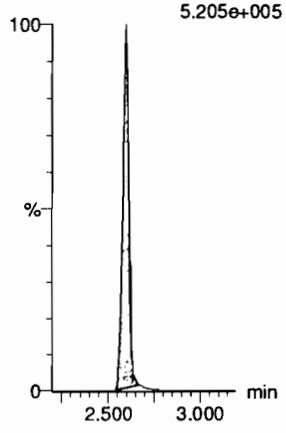
PFPrS



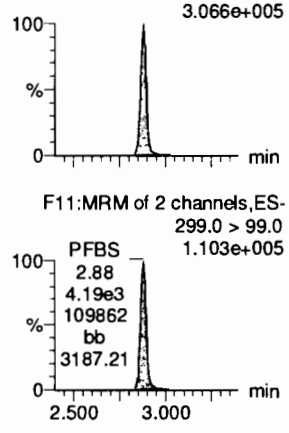
3:3 FTCA



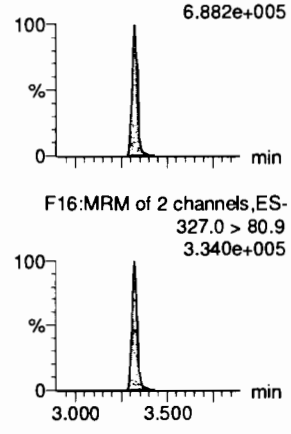
PFPeA



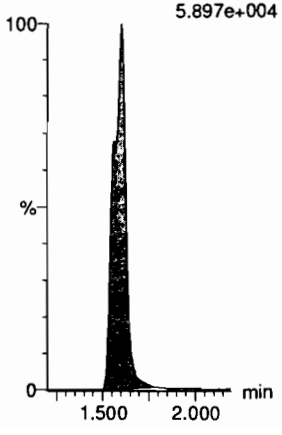
PFBS



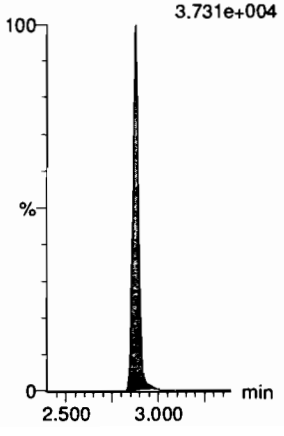
4:2 FTS



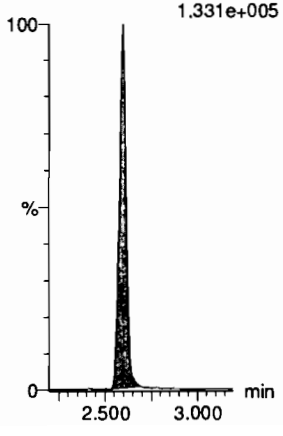
13C3-PFBA-EIS



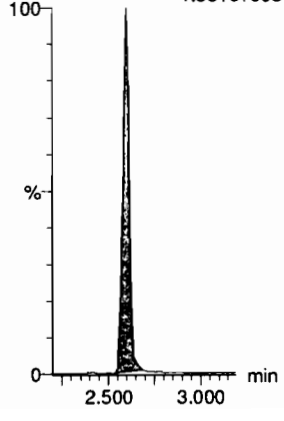
13C3-PFBS-EIS



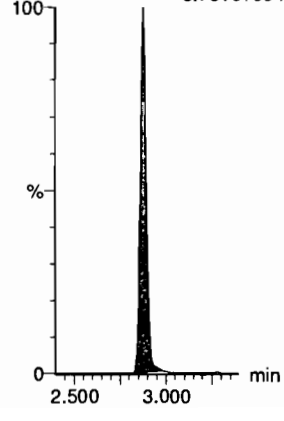
13C3-PFPeA-EIS



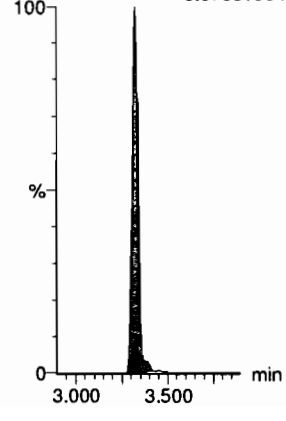
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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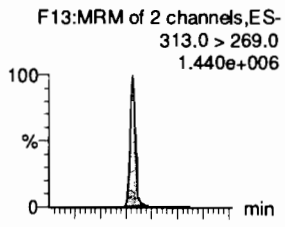
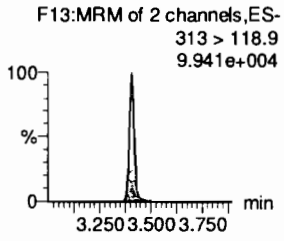
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

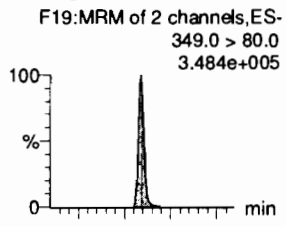
Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

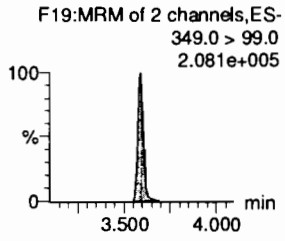
PFHxA



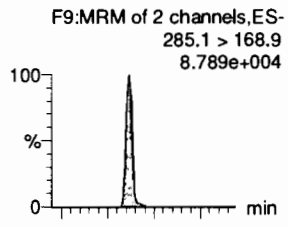


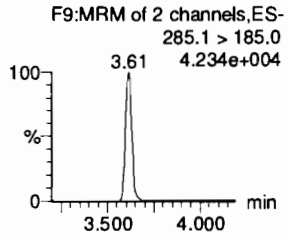
PFPeS



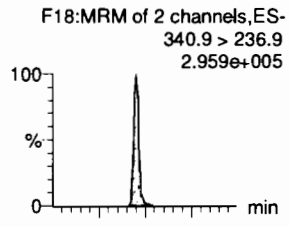


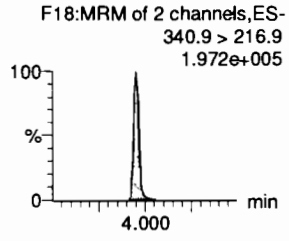
HFPO-DA



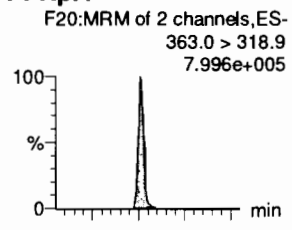


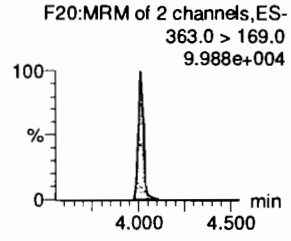
5:3 FTCA



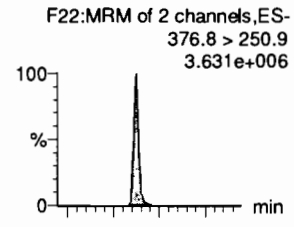


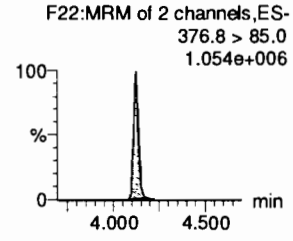
PFHpA



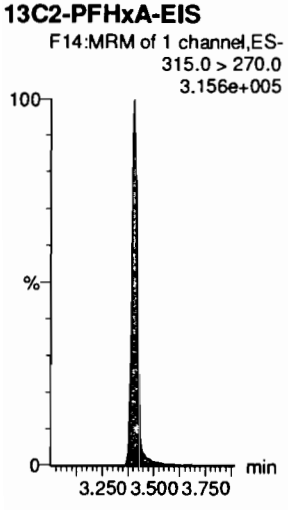


ADONA

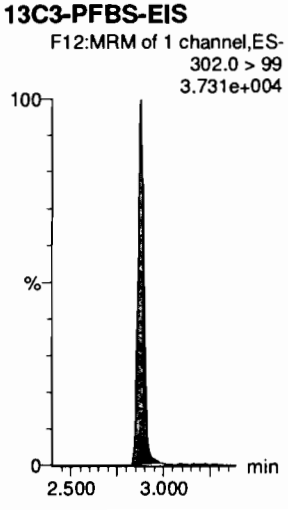




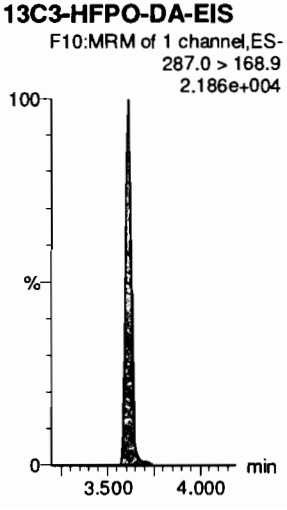
13C2-PFHxA-EIS



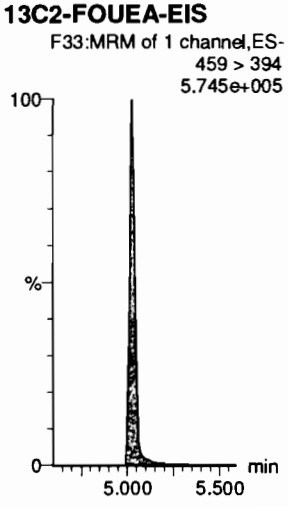
13C3-PFBS-EIS



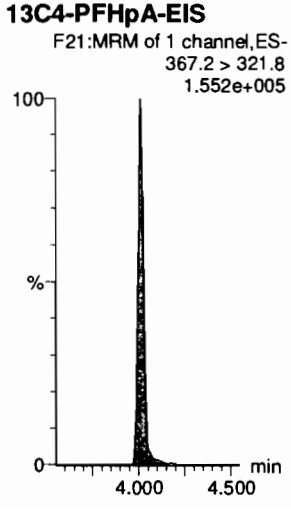
13C3-HFPO-DA-EIS



13C2-FOUEA-EIS



13C4-PFHpA-EIS



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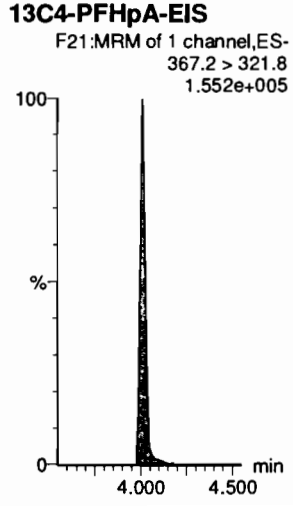

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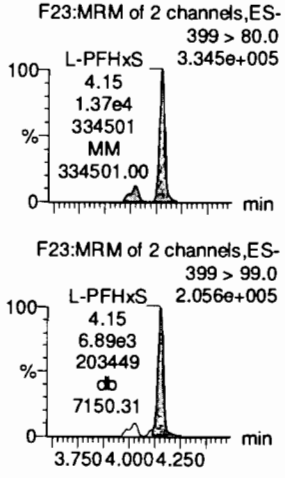
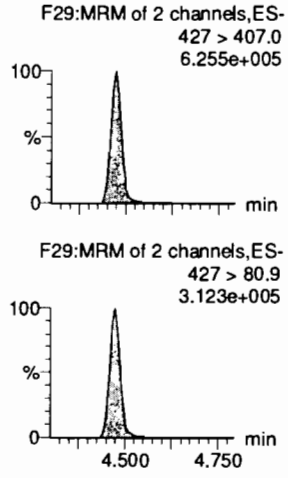
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

L-PFHxS



6:2 FTS



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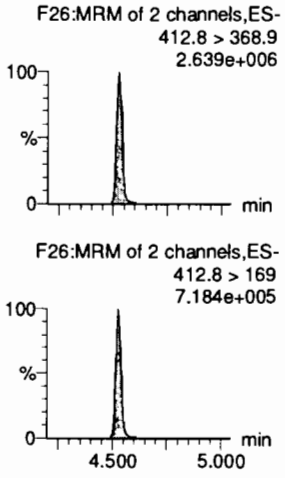

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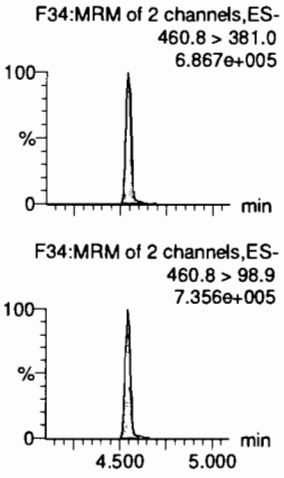

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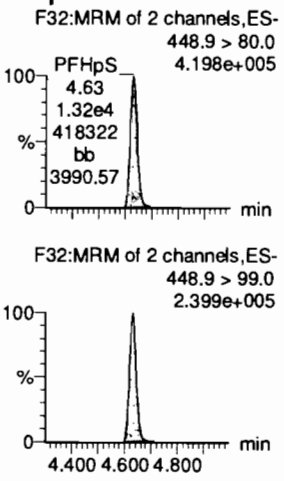
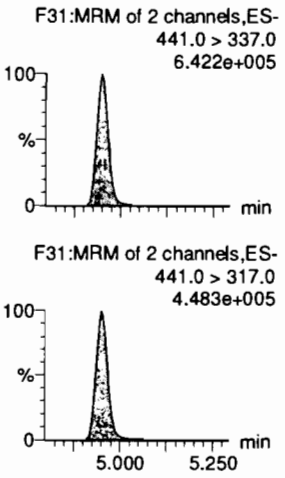


7:3 FTCA



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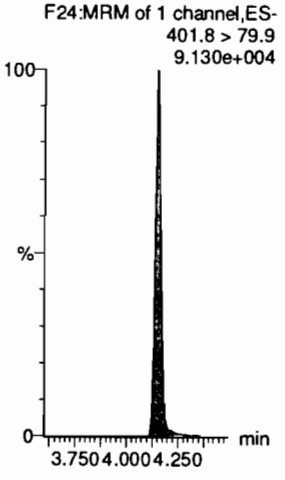
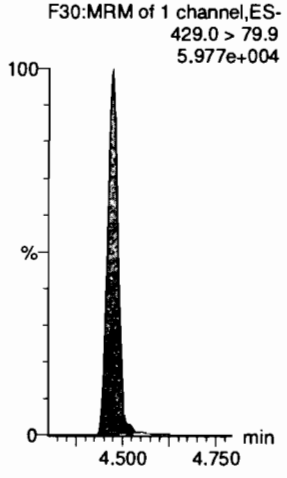
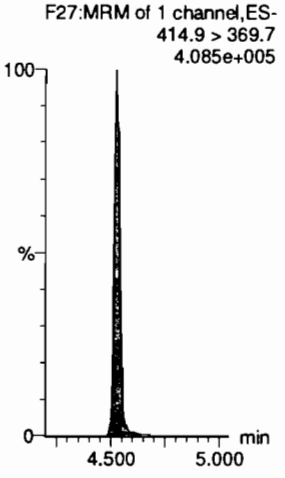


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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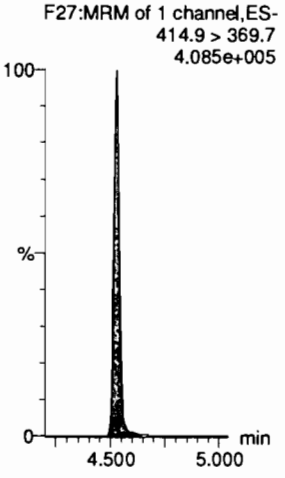
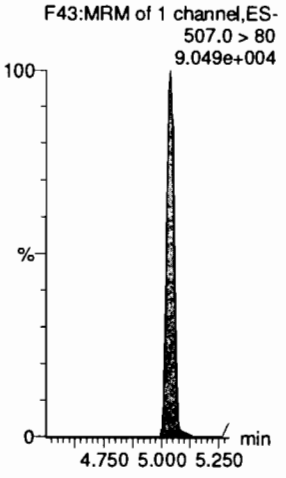
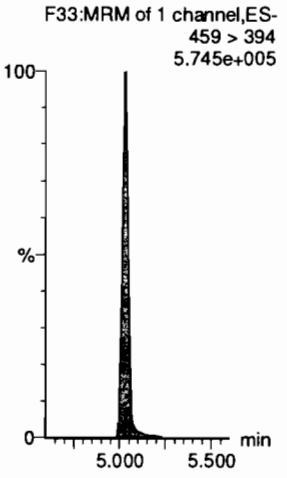


13C8-PFOS-EIS



13C2-FOUEA-EIS



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Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

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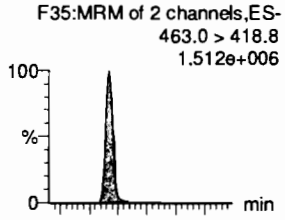

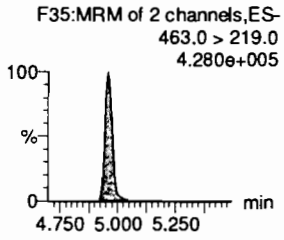

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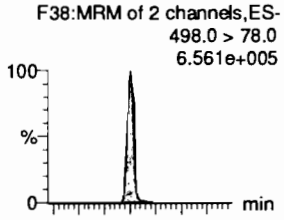
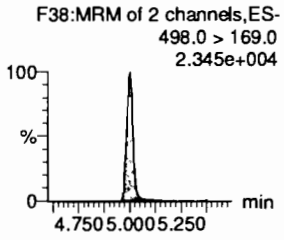
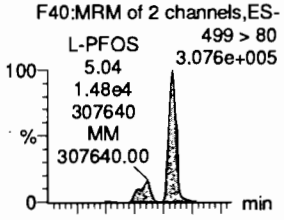
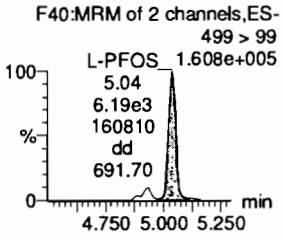


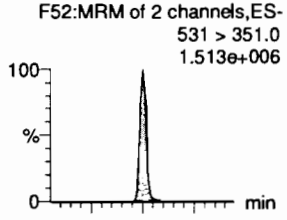


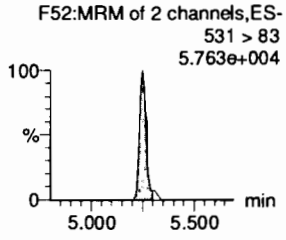
L-PFOS



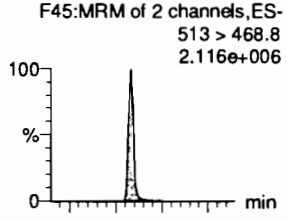


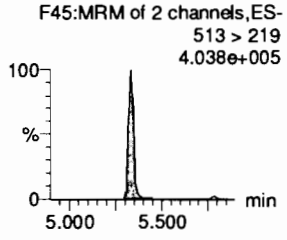
9Cl-PF30NS



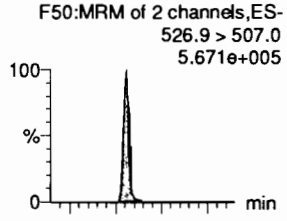


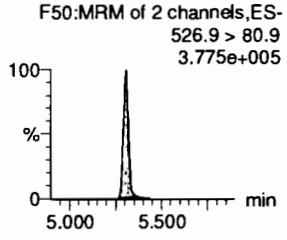
PFDA



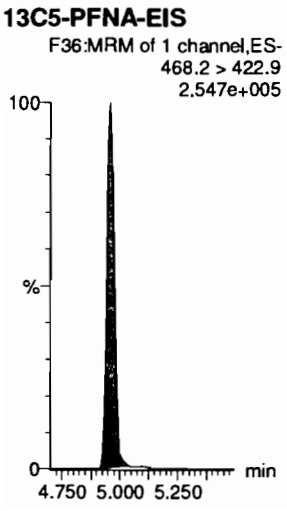


8:2 FTS

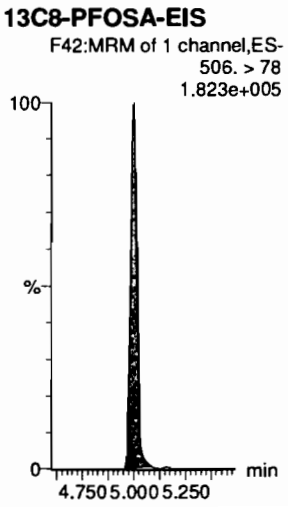




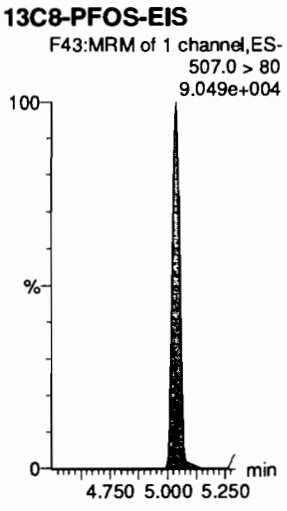
13C5-PFNA-EIS



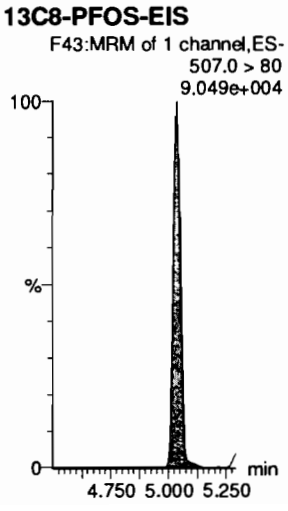
13C8-PFOSA-EIS



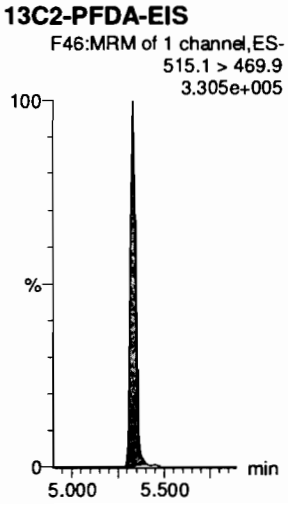
13C8-PFOS-EIS



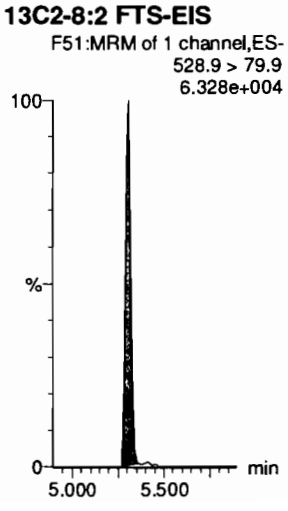
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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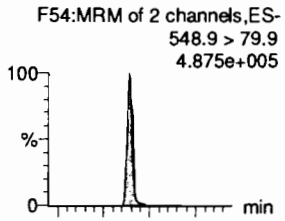
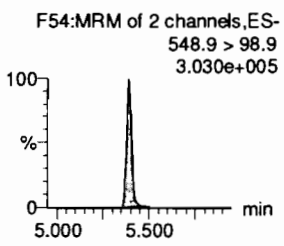
Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

PFNS





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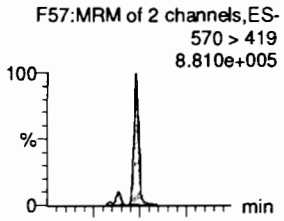
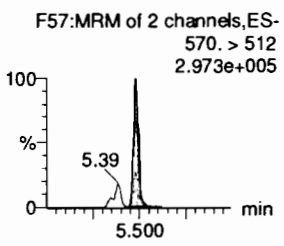
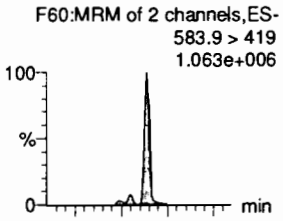
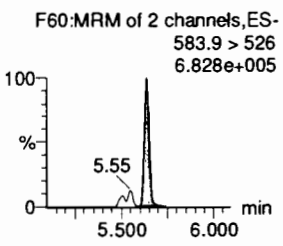


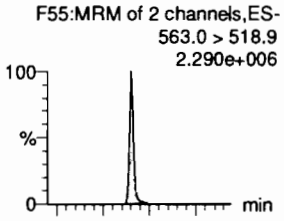


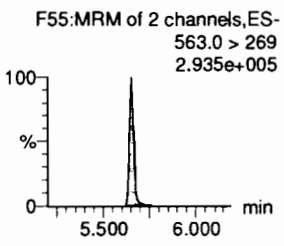
L-EtFOSAA



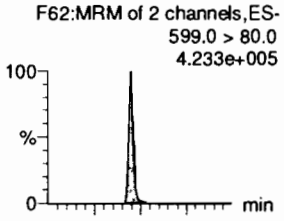


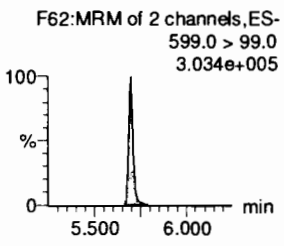
PFUdA



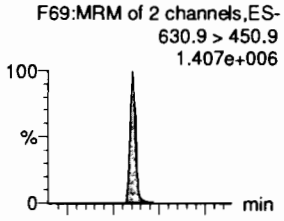


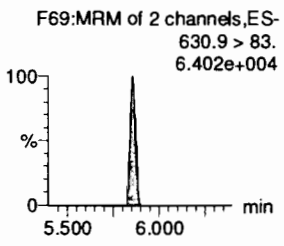
PFDS



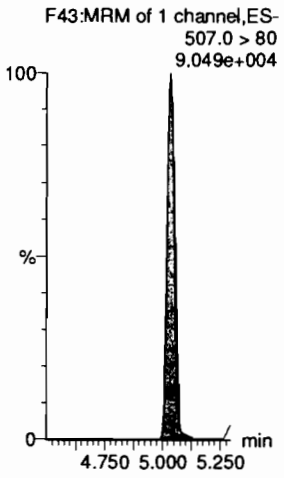


11Cl-PF30UdS

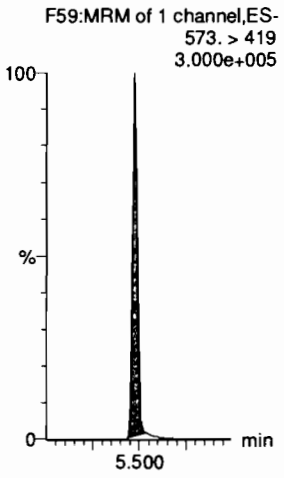




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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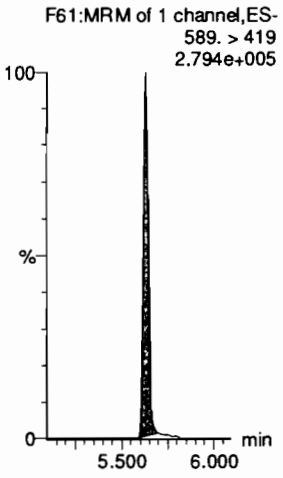
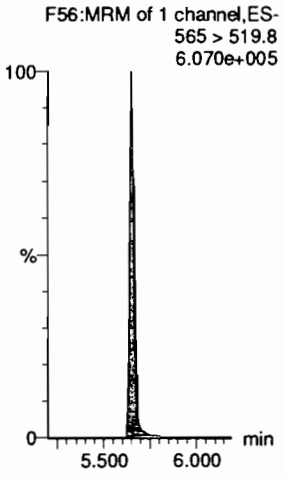
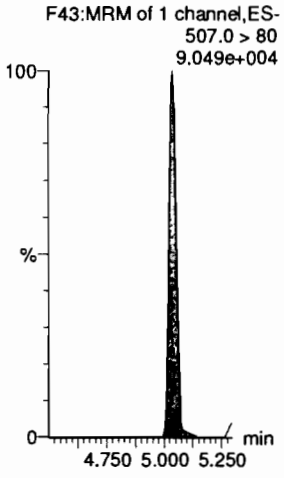


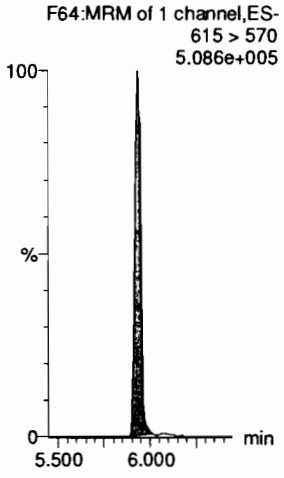
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

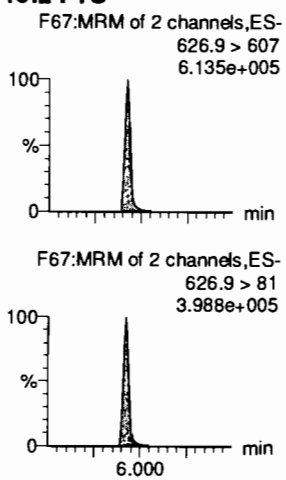


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

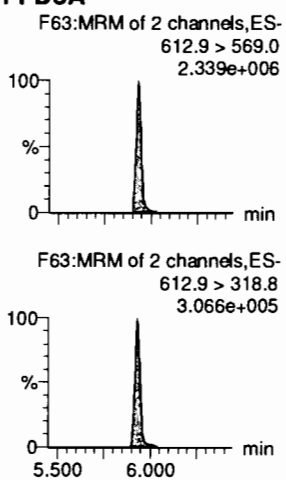
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

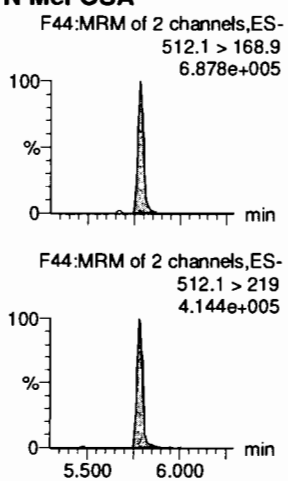
10:2 FTS



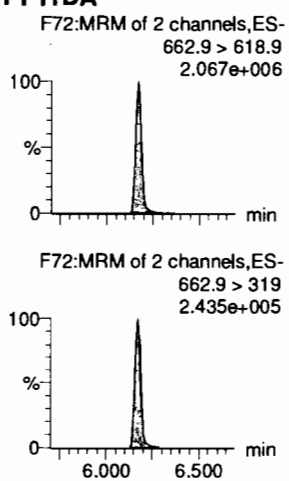
PFDoA



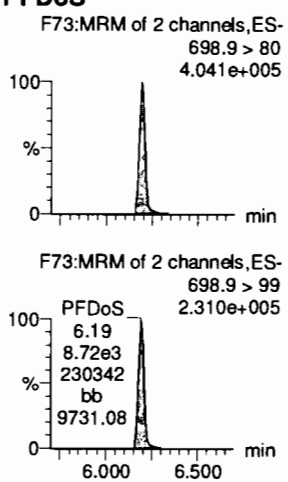
N-MeFOSA



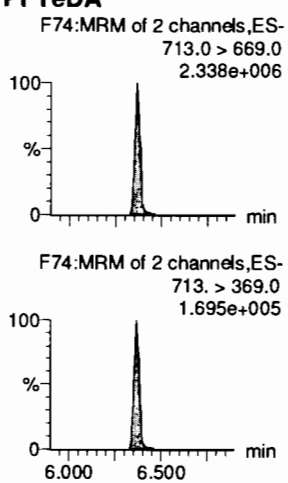
PFTrDA



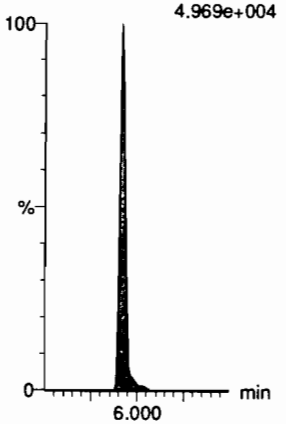
PFDoS



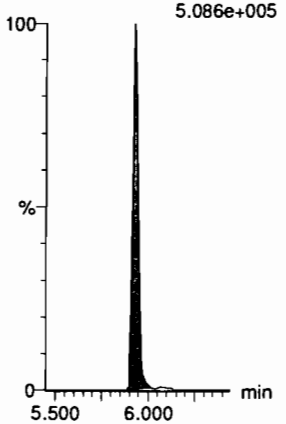
PFTeDA



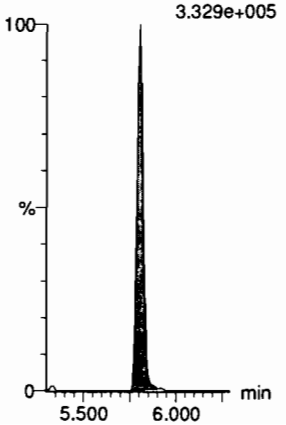
13C2-10:2 FTS-EIS



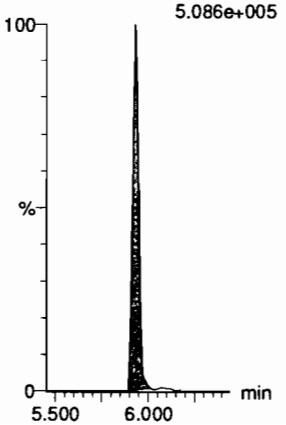
13C2-PFDoA-EIS



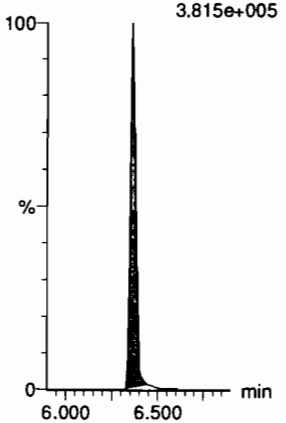
d3-N-MeFOSA-EIS



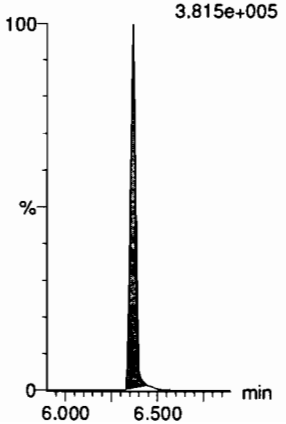
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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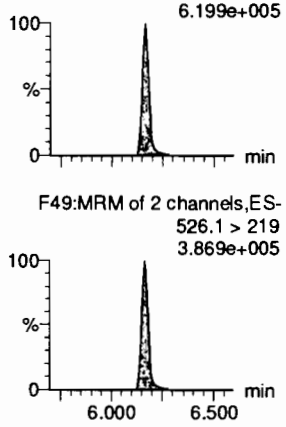
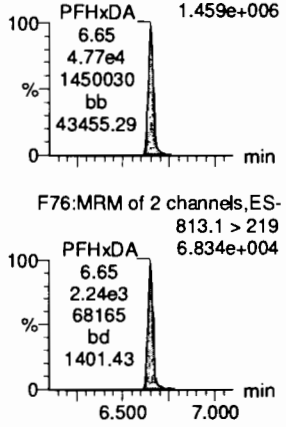
Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

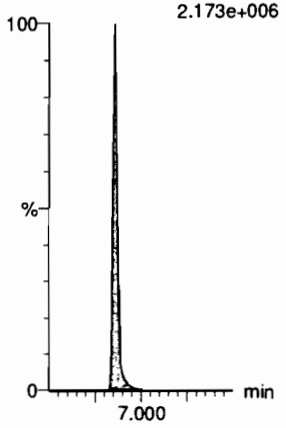
N-EtFOSA



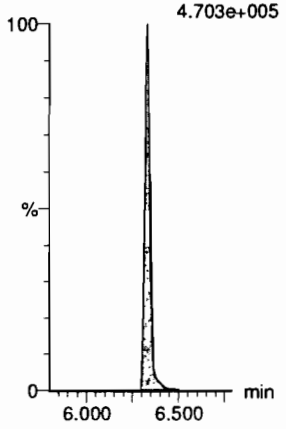
PFHxDA



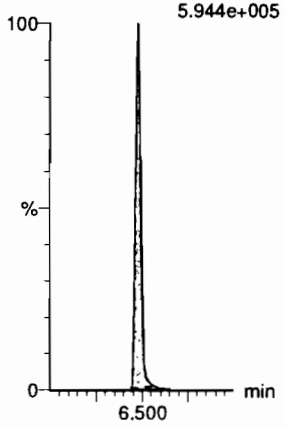
PFODA



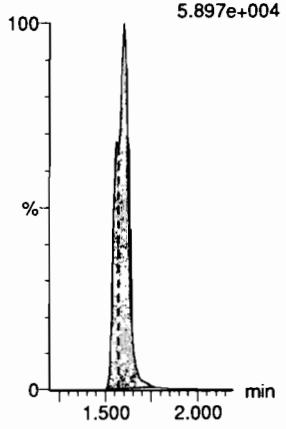
N-MeFOSE



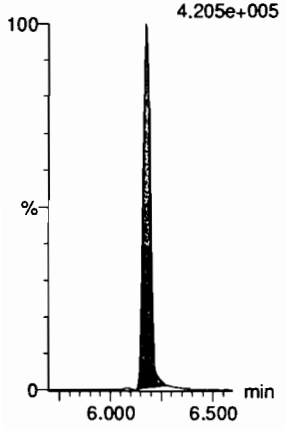
N-EtFOSE



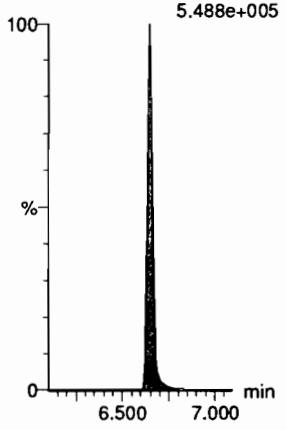
13C3-PFBA-RSD



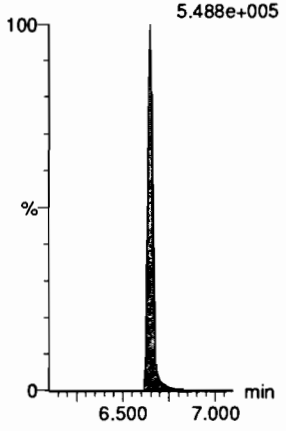
d5-N-ETFOSA-EIS



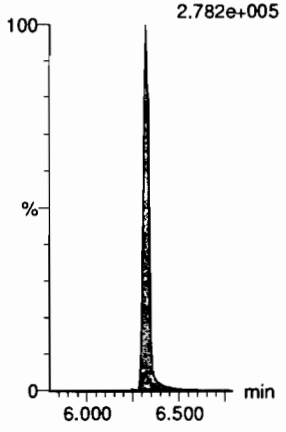
13C2-PFHxDA-EIS



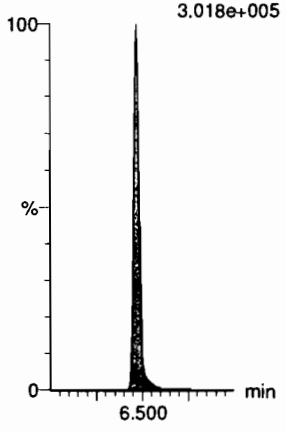
13C2-PFHxDA-EIS



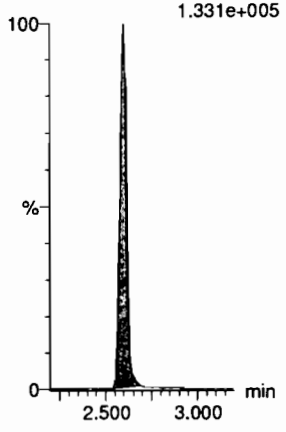
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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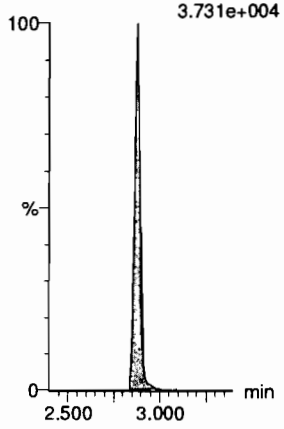
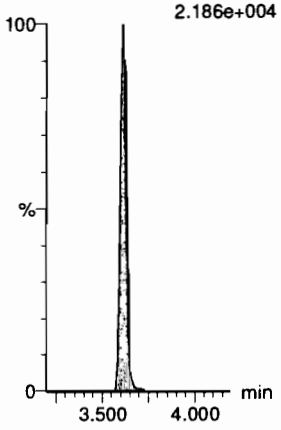
Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

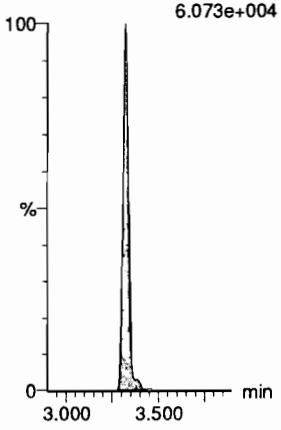
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.731e+004



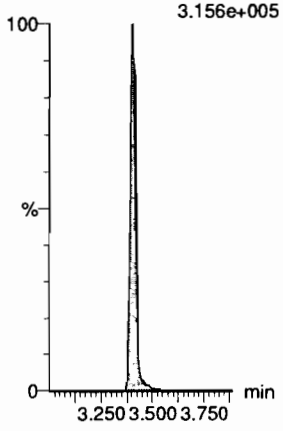
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.186e+004



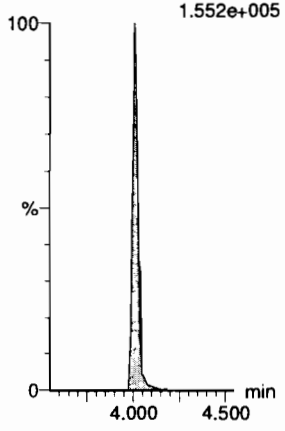
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.073e+004



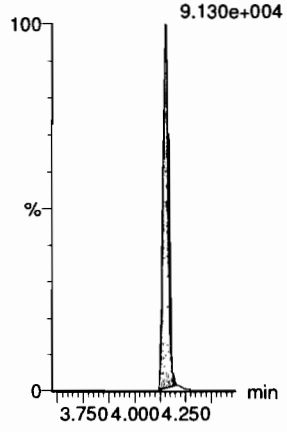
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.156e+005



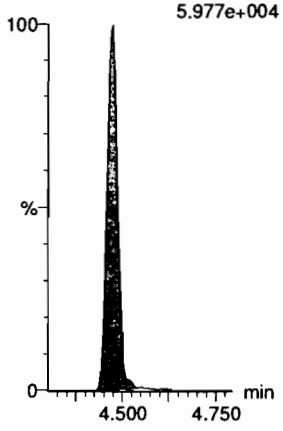
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.552e+005



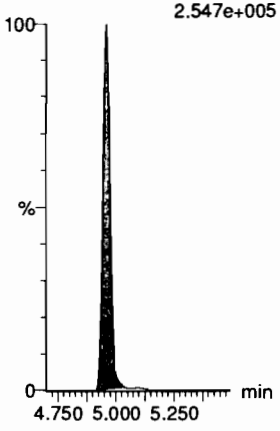
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.130e+004



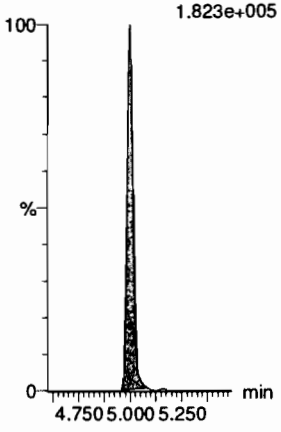
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.977e+004



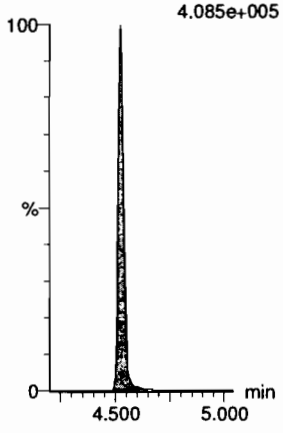
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.547e+005



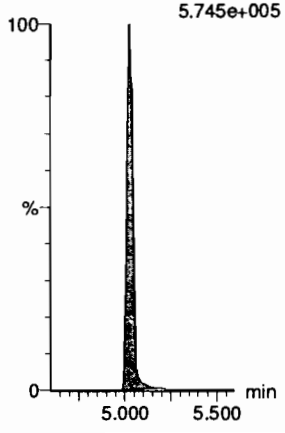
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.823e+005



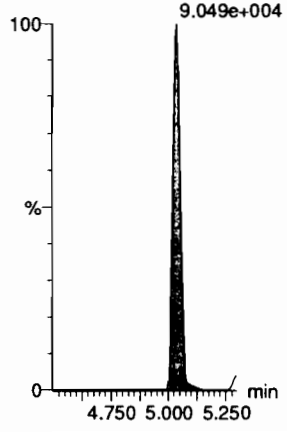
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.085e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.745e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.049e+004



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

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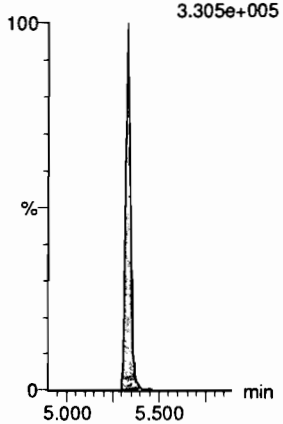
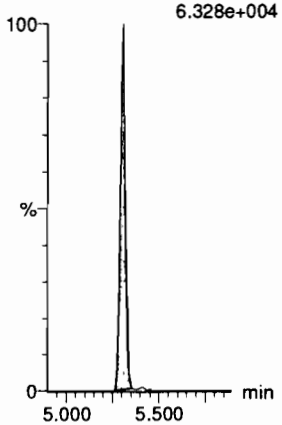
Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

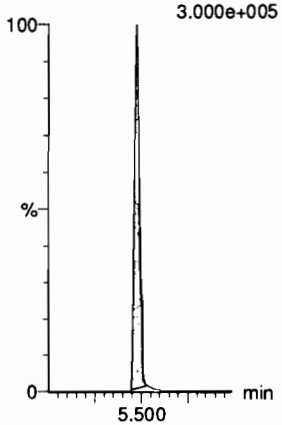
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.305e+005



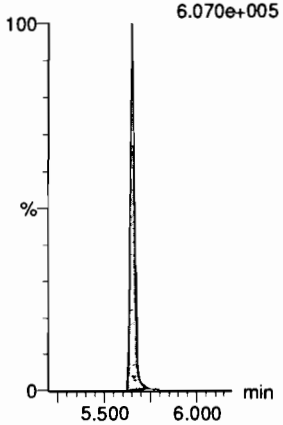
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.328e+004



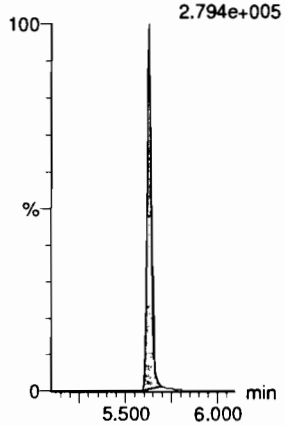
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.000e+005



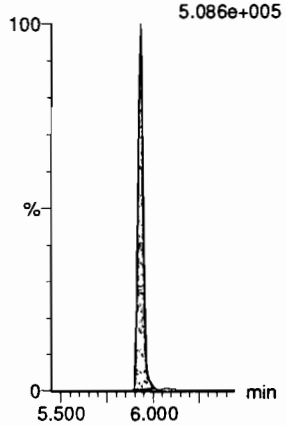
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.070e+005



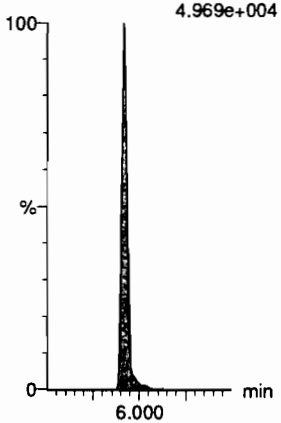
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.794e+005



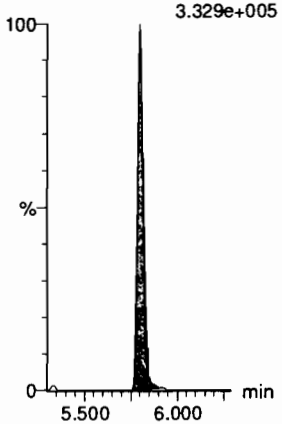
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.086e+005



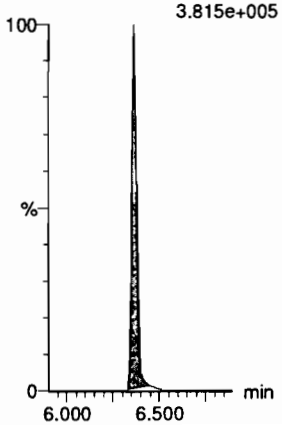
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.969e+004



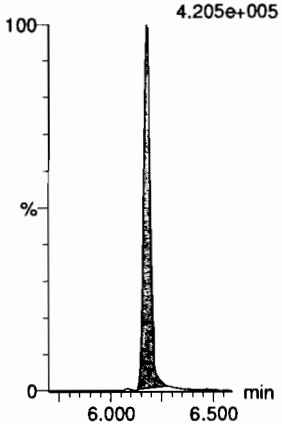
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.329e+005



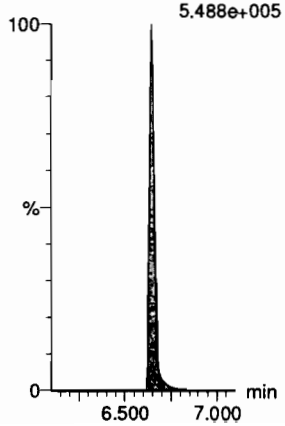
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.815e+005



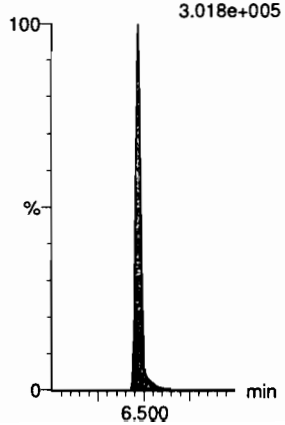
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.205e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.488e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.018e+005



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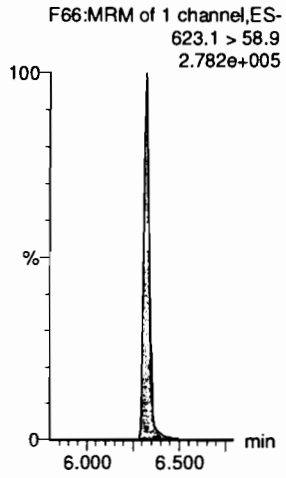
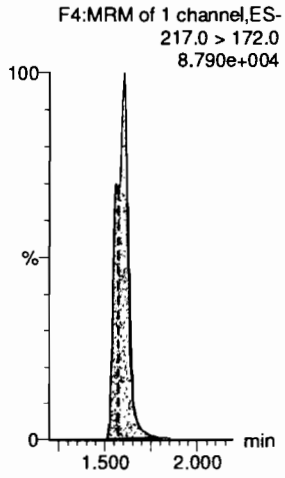
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_9, Date: 30-Jun-2020, Time: 16:46:29, ID: ST200630M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

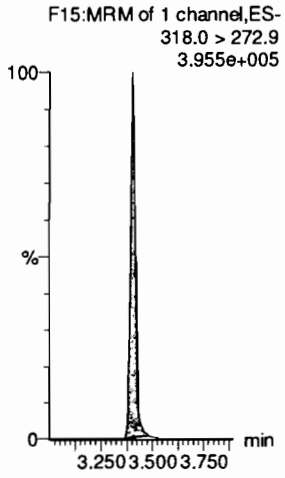
d7-N-MeFOSE-RSD



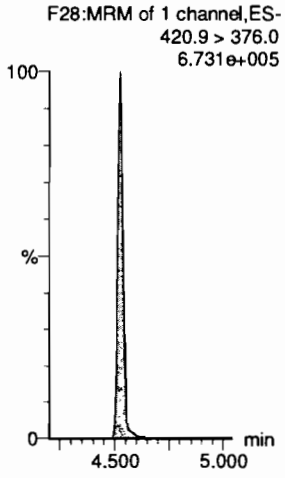
13C4-PFBA



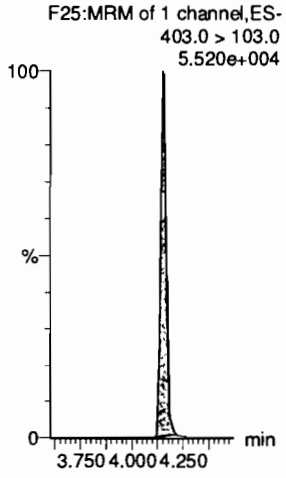
13C5-PFHxA



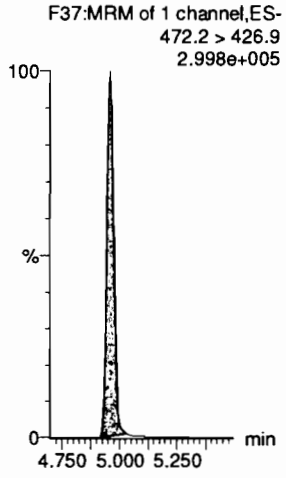
13C8-PFOA



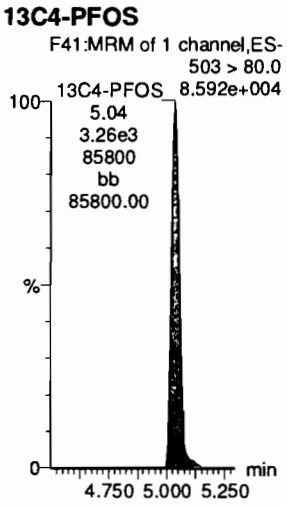
18O2-PFHxS



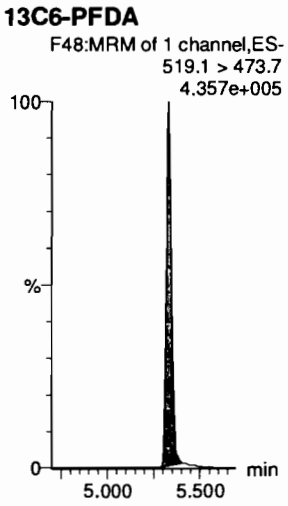
13C9-PFNA



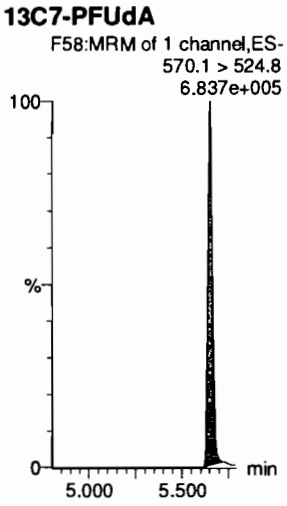
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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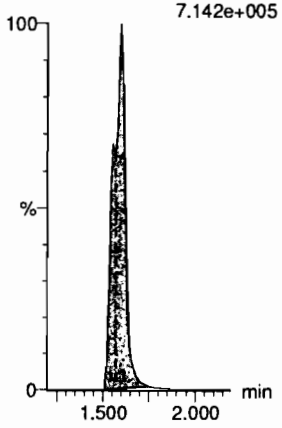
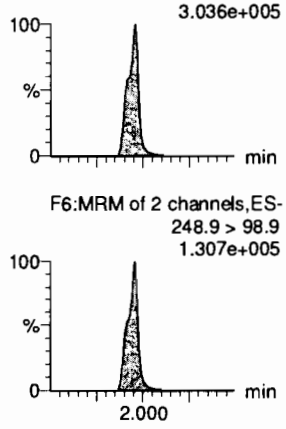
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

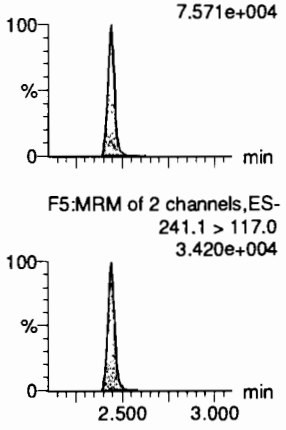
PFBA



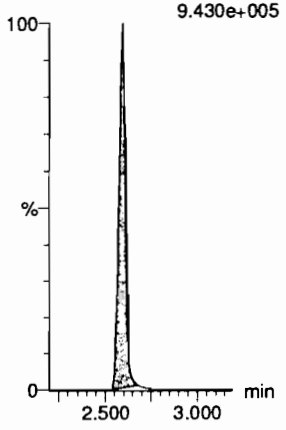
PFPrS



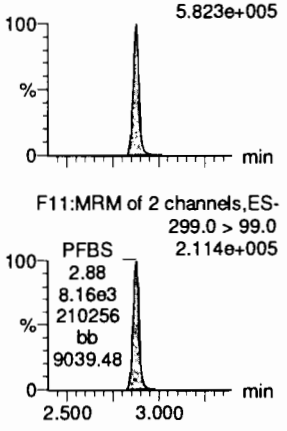
3:3 FTCA



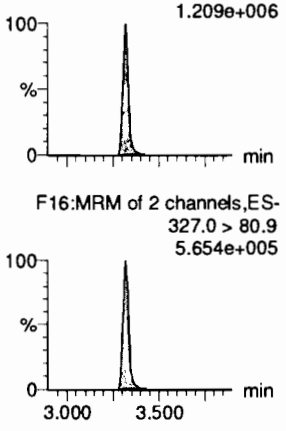
PFPeA



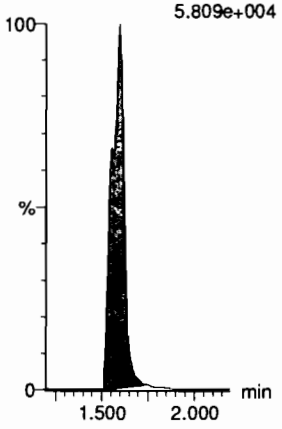
PFBS



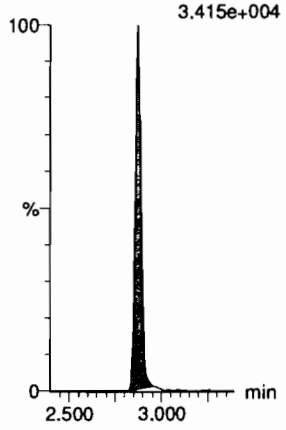
4:2 FTS



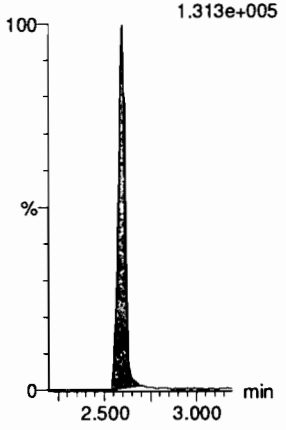
13C3-PFBA-EIS



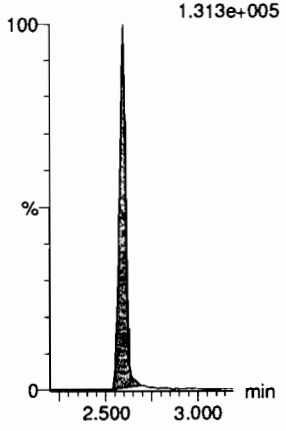
13C3-PFBS-EIS



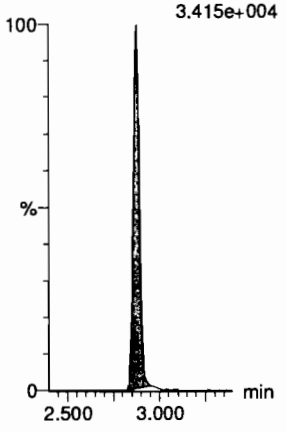
13C3-PFPeA-EIS



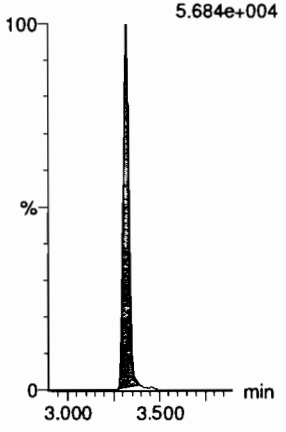
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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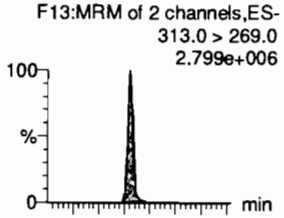
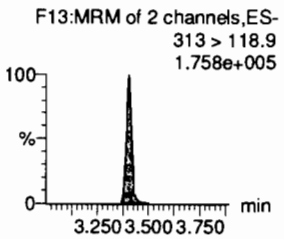
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

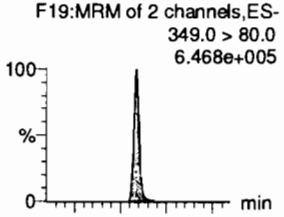
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

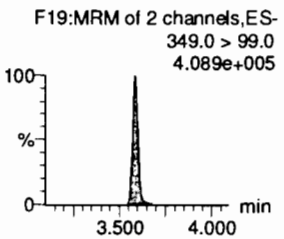
PFHxA



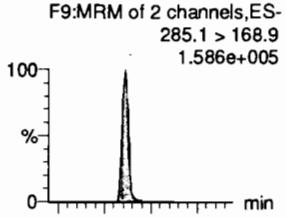


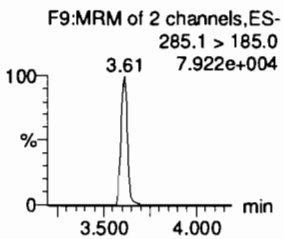
PFPeS



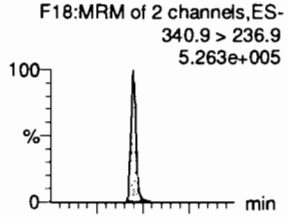


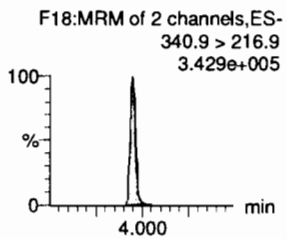
HFPO-DA



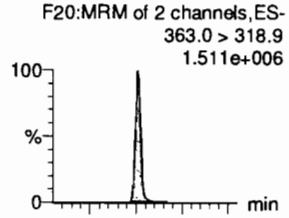


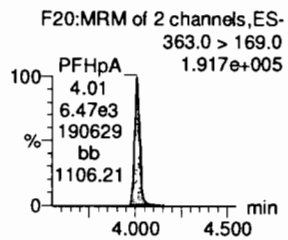
5:3 FTCA



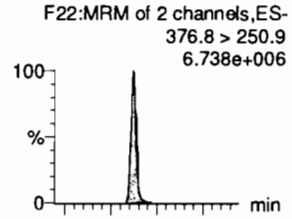


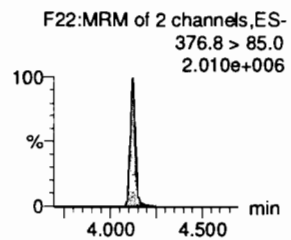
PFHpA



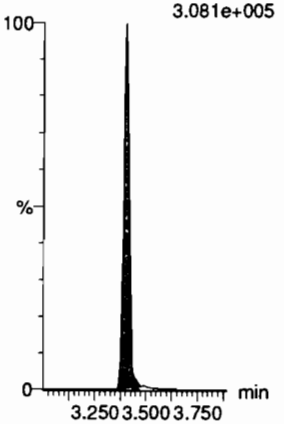


ADONA

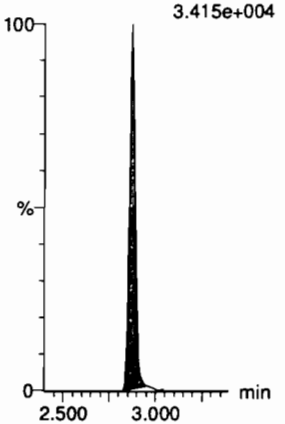




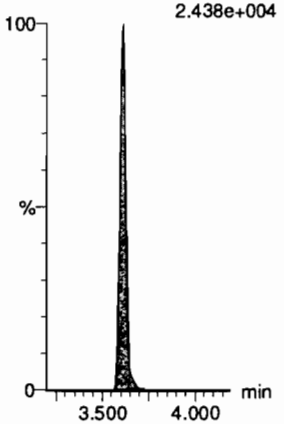
13C2-PFHxA-EIS



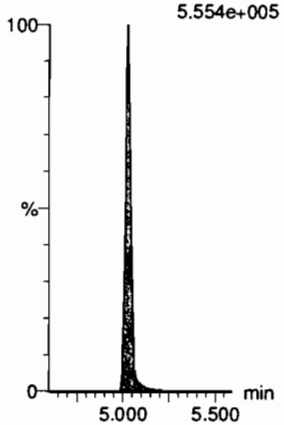
13C3-PFBS-EIS



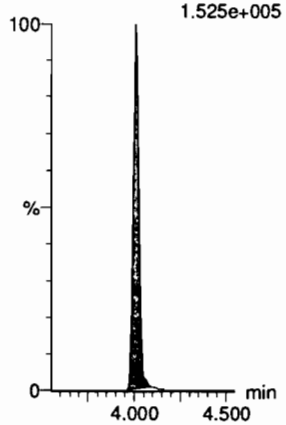
13C3-HFPO-DA-EIS



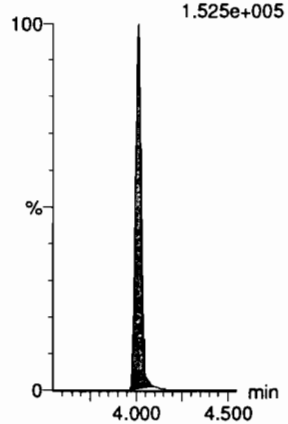
13C2-FOUEA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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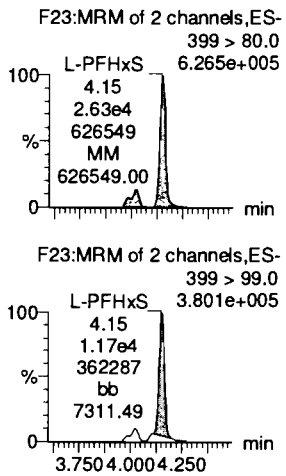
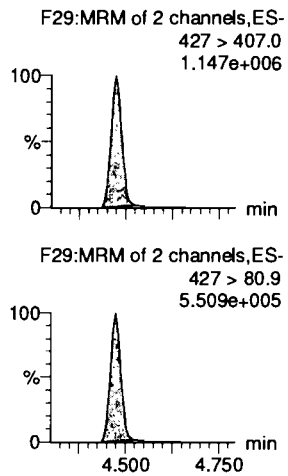
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

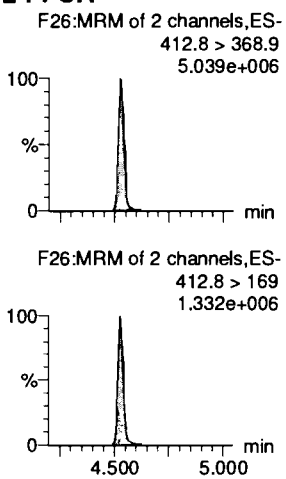
L-PFHxS



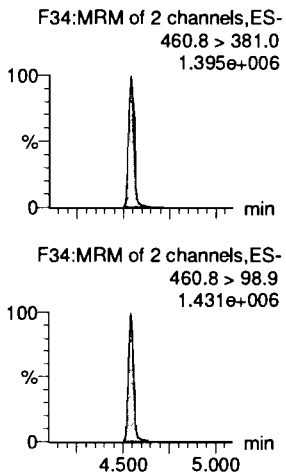
6:2 FTS



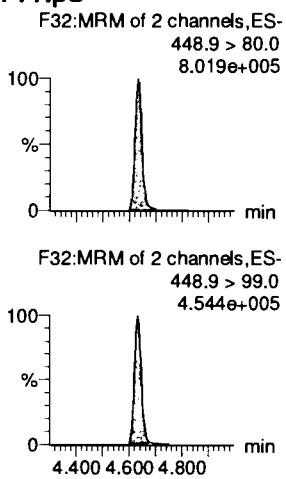
L-PFOA



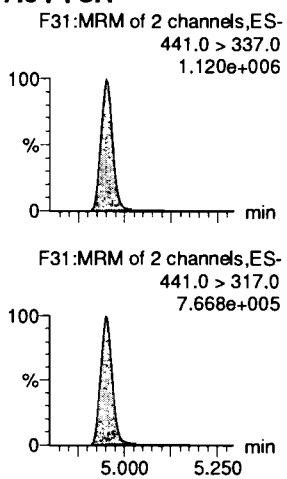
PFEChS



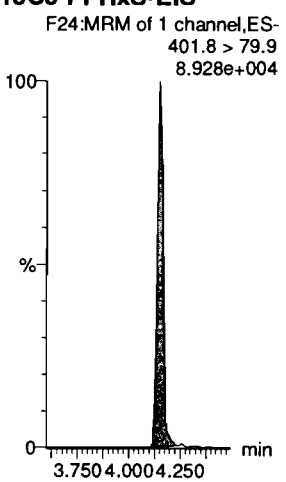
PFHpS



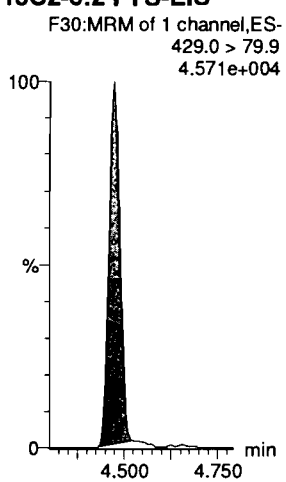
7:3 FTCA



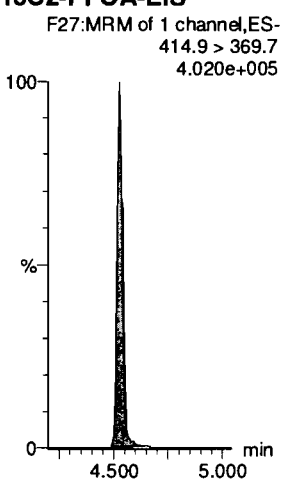
13C3-PFHxS-EIS



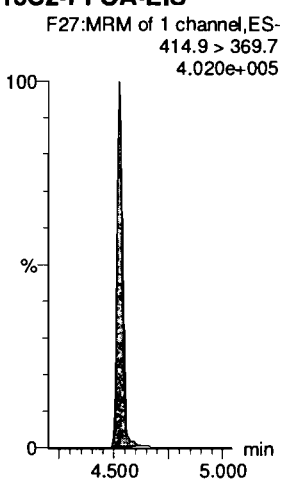
13C2-6:2 FTS-EIS



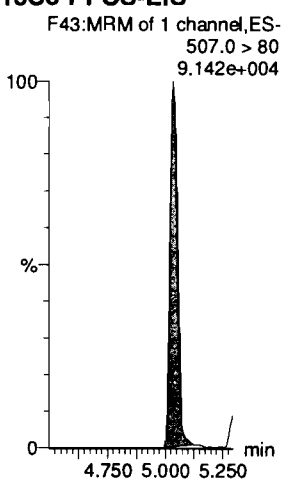
13C2-PFOA-EIS



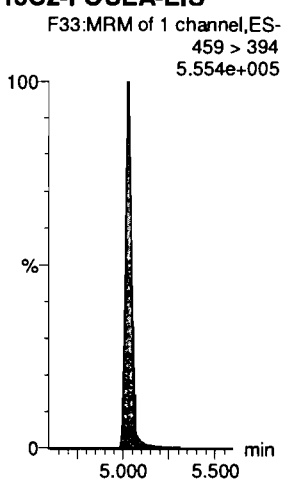
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

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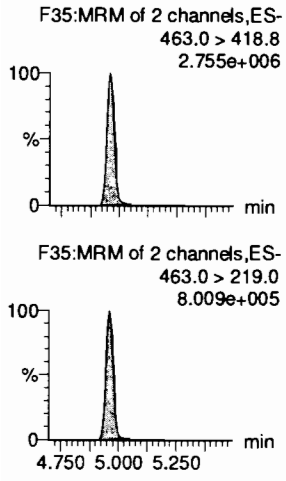
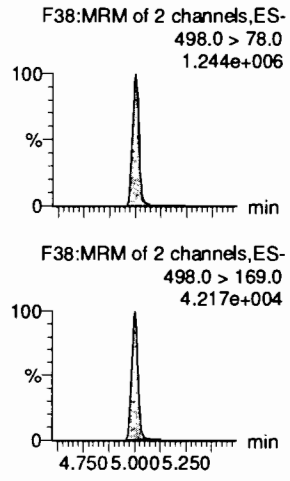
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

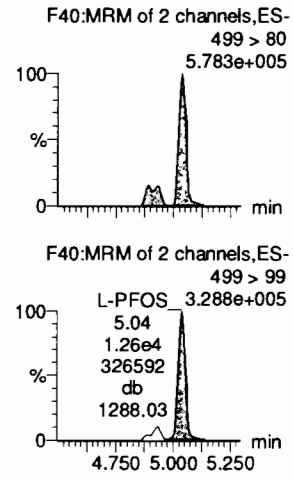
PFNA



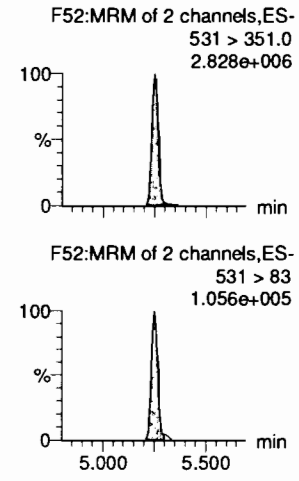
PFOSA



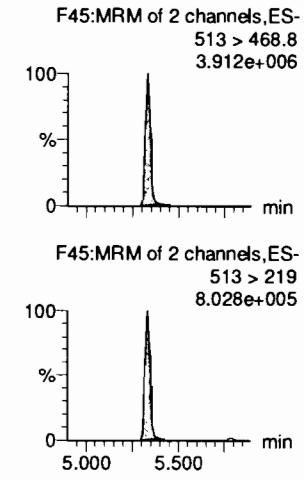
L-PFOS



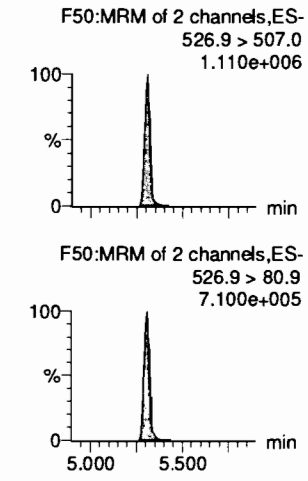
9Cl-PF30NS



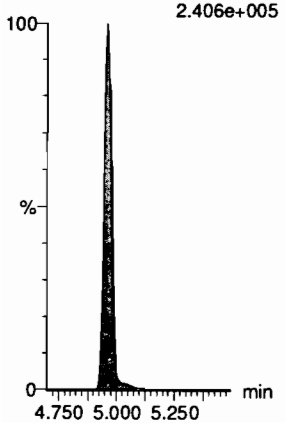
PFDA



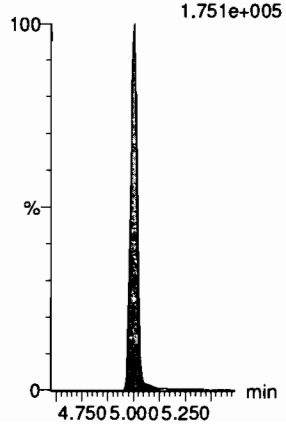
8:2 FTS



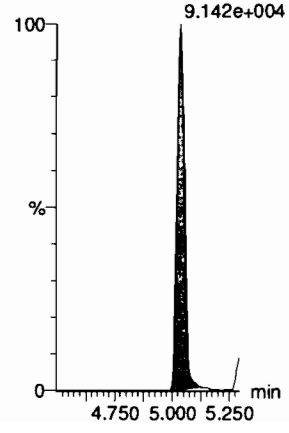
13C5-PFNA-EIS



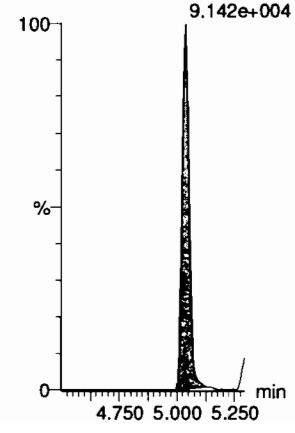
13C8-PFOSA-EIS



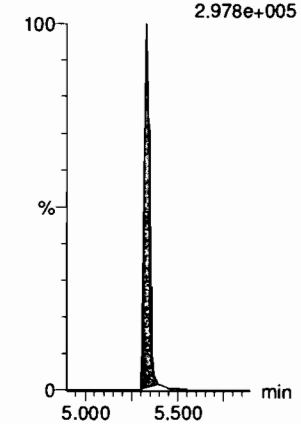
13C8-PFOS-EIS



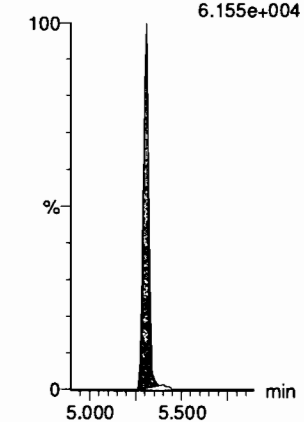
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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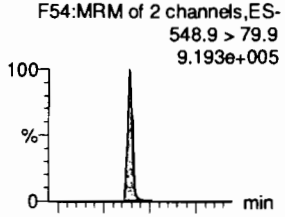
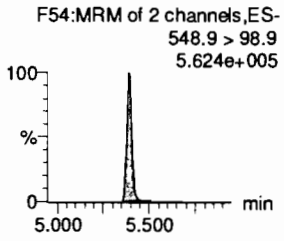
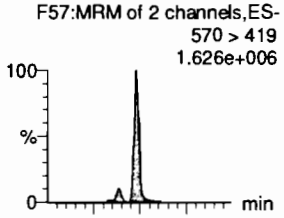
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

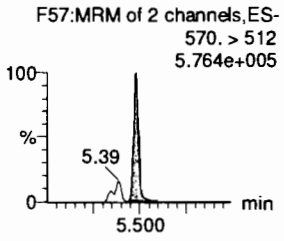
PFNS



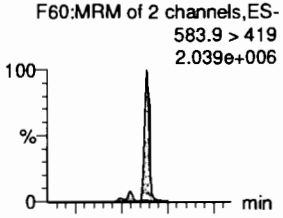


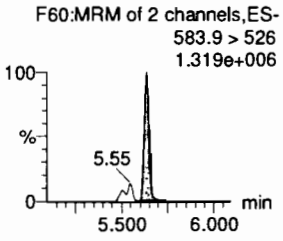
L-MeFOSAA



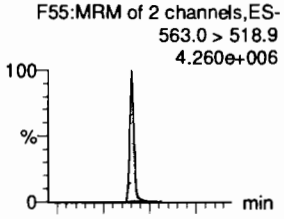


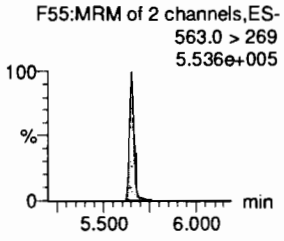
L-EtFOSAA



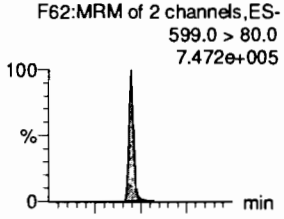


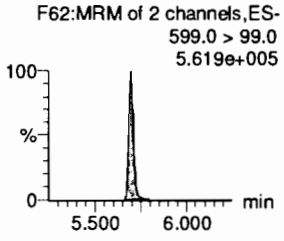
PFUdA



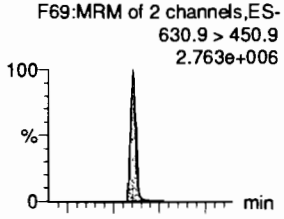


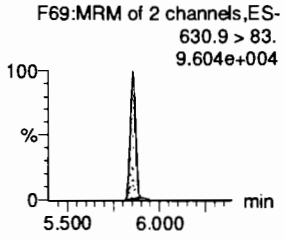
PFDS



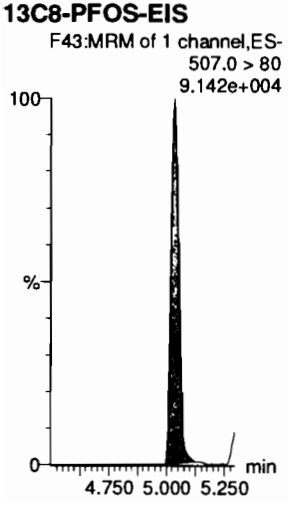


11Cl-PF30UdS

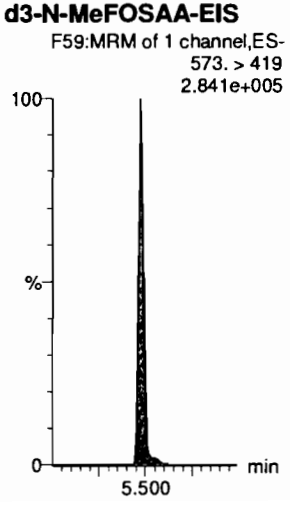




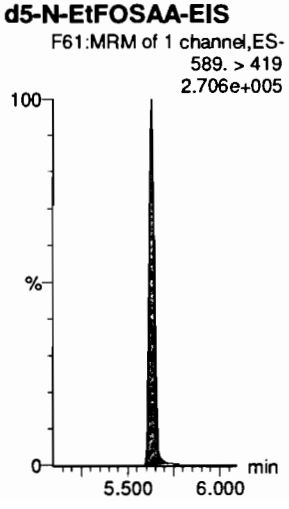
13C8-PFOS-EIS



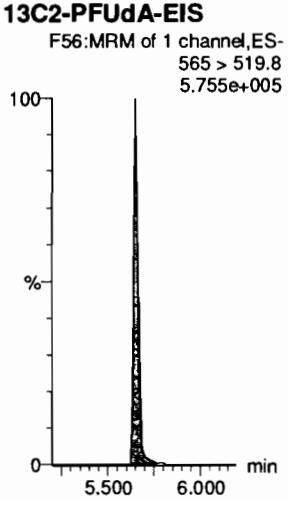
d3-N-MeFOSAA-EIS



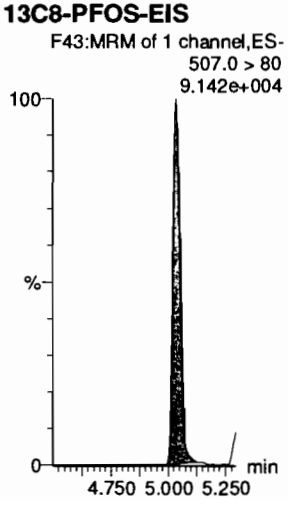
d5-N-EtFOSAA-EIS



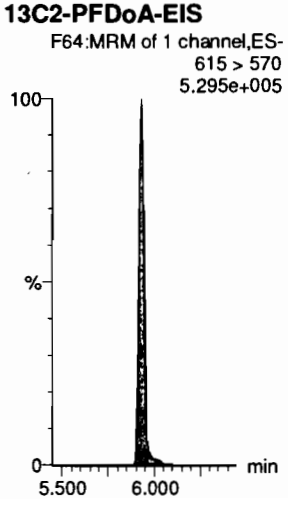
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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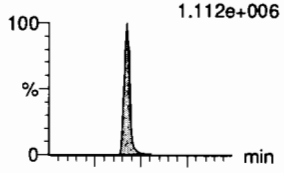
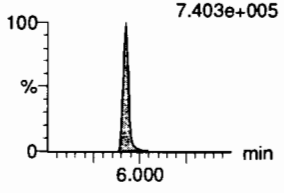
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

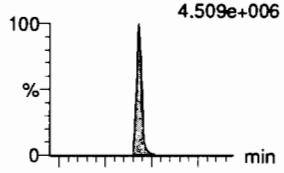
10:2 FTS
F67:MRM of 2 channels,ES-
626.9 > 607
1.112e+006



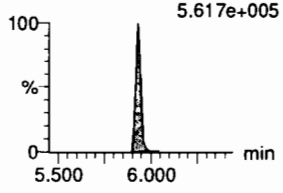
F67:MRM of 2 channels,ES-
626.9 > 81
7.403e+005



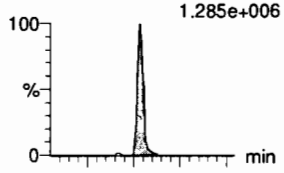
PFDoA
F63:MRM of 2 channels,ES-
612.9 > 569.0
4.509e+006



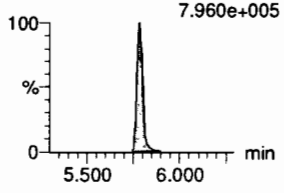
F63:MRM of 2 channels,ES-
612.9 > 318.8
5.617e+005



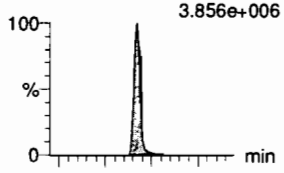
N-MeFOSA
F44:MRM of 2 channels,ES-
512.1 > 168.9
1.285e+006



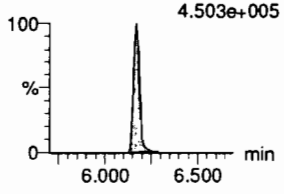
F44:MRM of 2 channels,ES-
512.1 > 219
7.960e+005



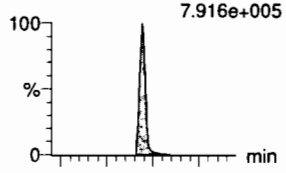
PFTrDA
F72:MRM of 2 channels,ES-
662.9 > 618.9
3.856e+006



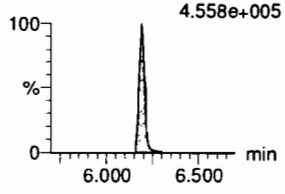
F72:MRM of 2 channels,ES-
662.9 > 319
4.503e+005



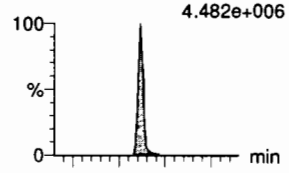
PFDoS
F73:MRM of 2 channels,ES-
698.9 > 80
7.916e+005



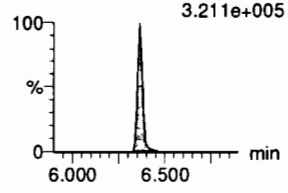
F73:MRM of 2 channels,ES-
698.9 > 99
4.558e+005



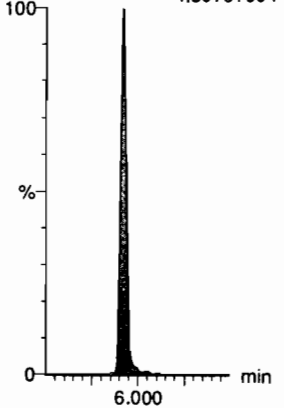
PFTeDA
F74:MRM of 2 channels,ES-
713.0 > 669.0
4.482e+006



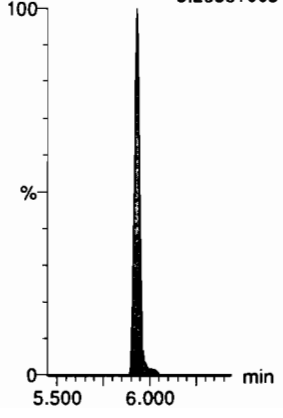
F74:MRM of 2 channels,ES-
713. > 369.0
3.211e+005



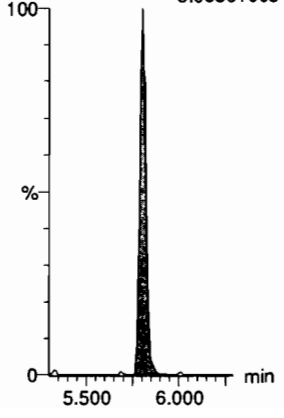
13C2-10:2 FTS-EIS
F70:MRM of 1 channel,ES-
633 > 79.9
4.507e+004



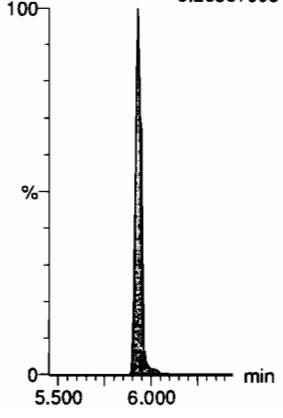
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.295e+005



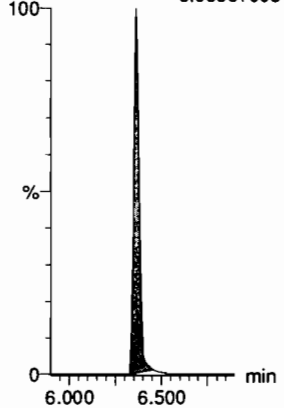
d3-N-MeFOSA-EIS
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.053e+005



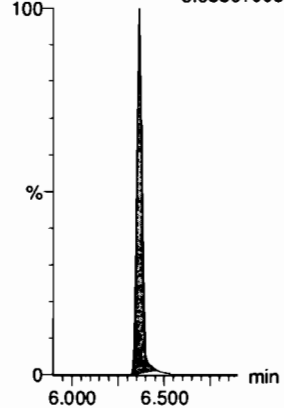
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
5.295e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.633e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.633e+005



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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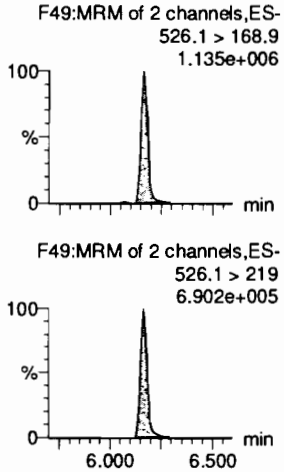
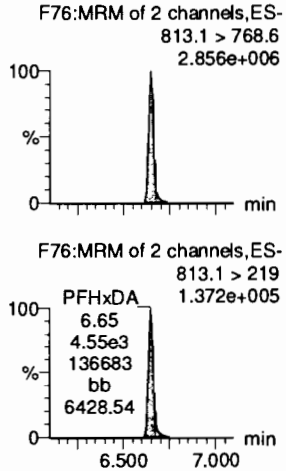
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

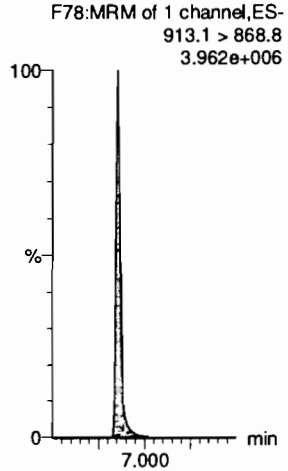
N-EtFOSA



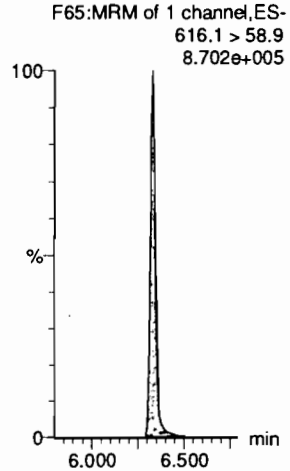
PFHxDA



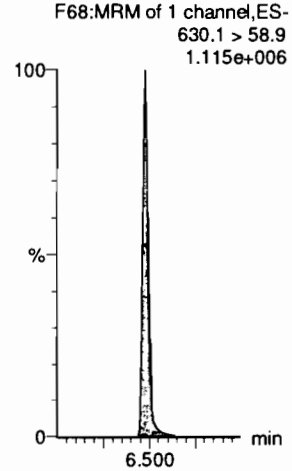
PFODA



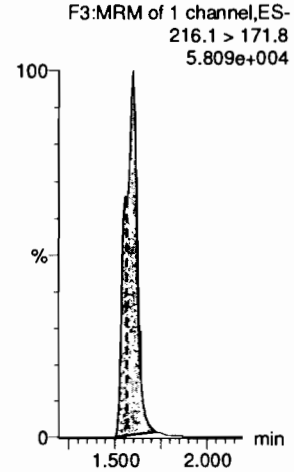
N-MeFOSE



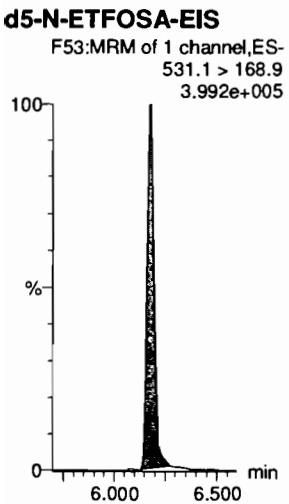
N-EtFOSE



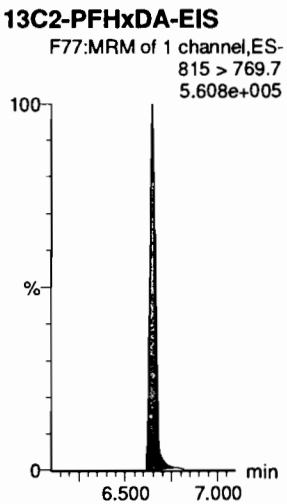
13C3-PFBA-RSD



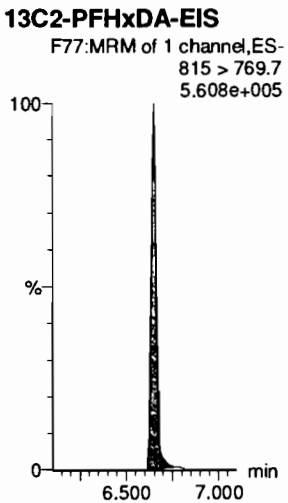
d5-N-ETFOSA-EIS



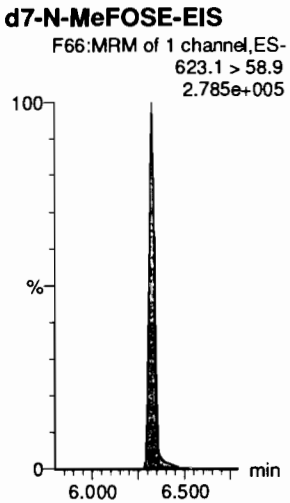
13C2-PFHxDA-EIS



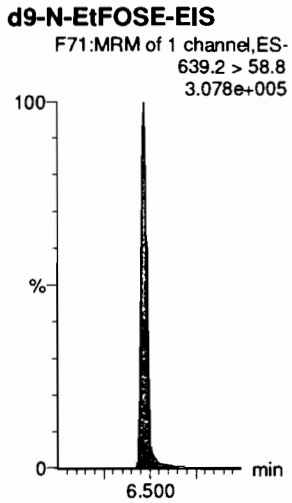
13C2-PFHxDA-EIS



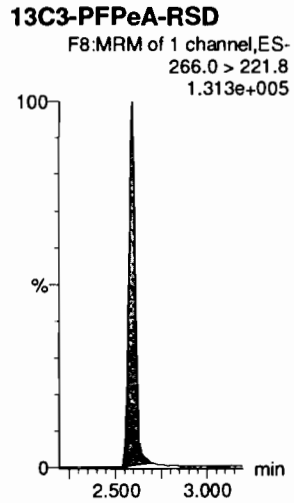
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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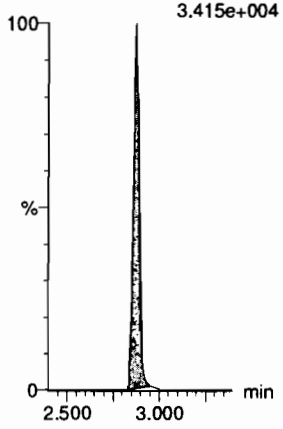
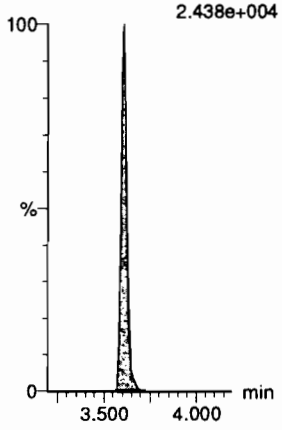
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

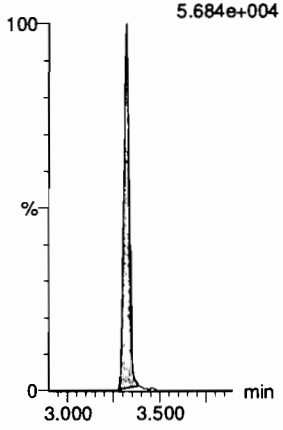
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.415e+004



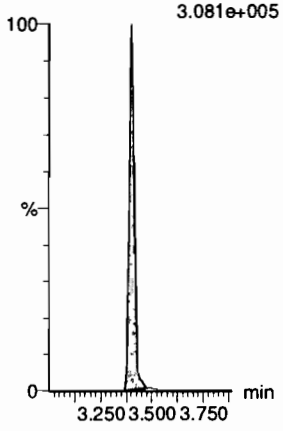
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.438e+004



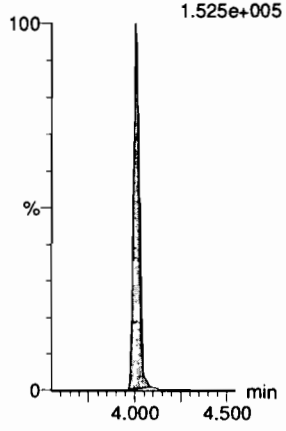
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.684e+004



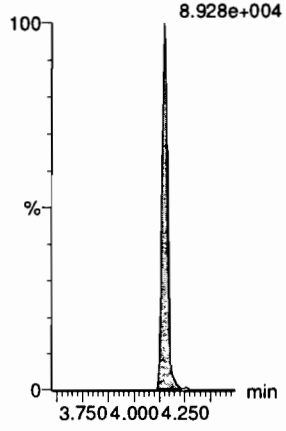
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.081e+005



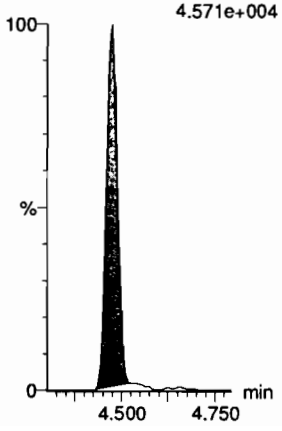
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.525e+005



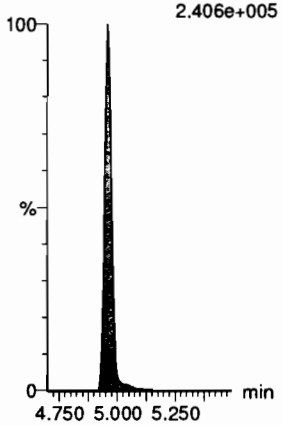
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.928e+004



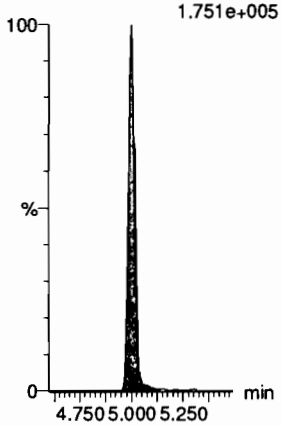
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.571e+004



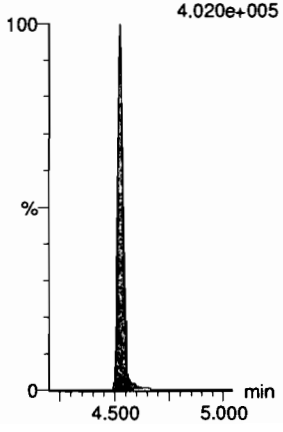
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.406e+005



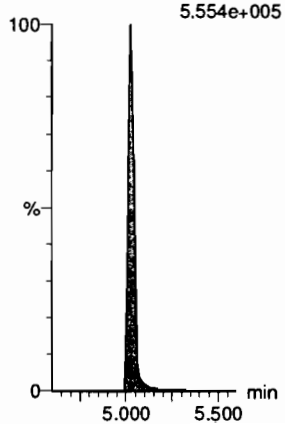
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.751e+005



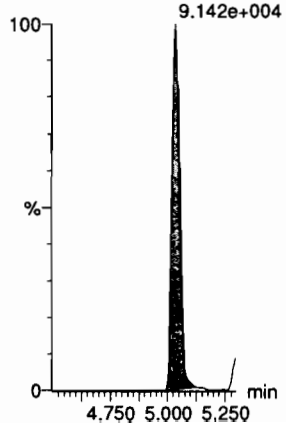
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.020e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.554e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.142e+004



Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
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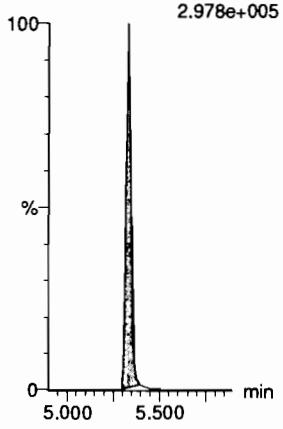
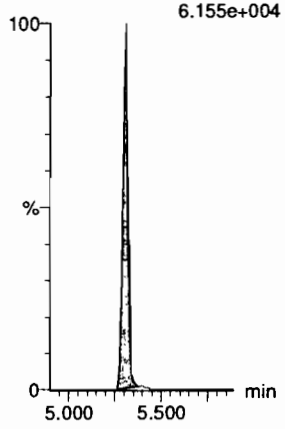
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

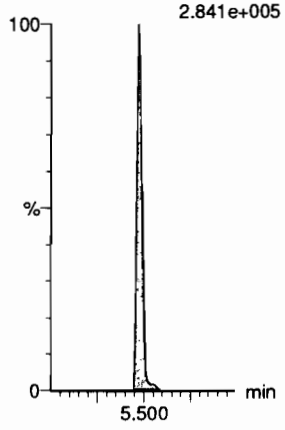
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.978e+005



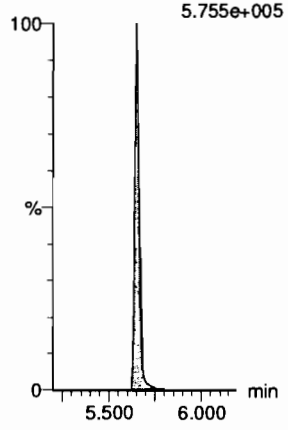
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.155e+004



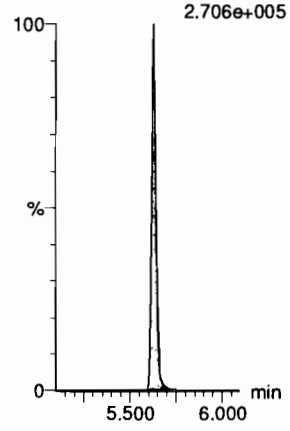
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.841e+005



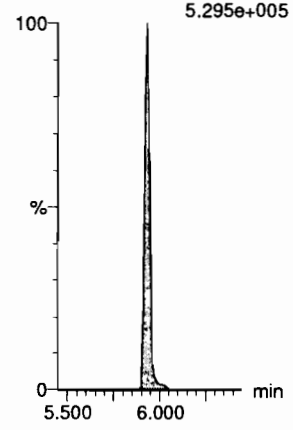
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.755e+005



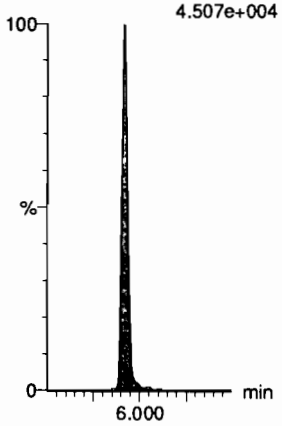
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.706e+005



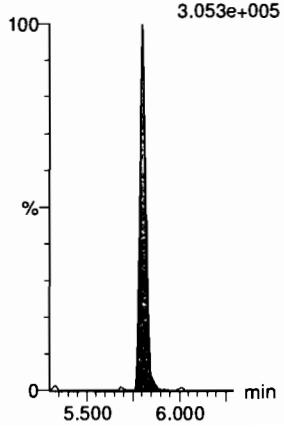
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.295e+005



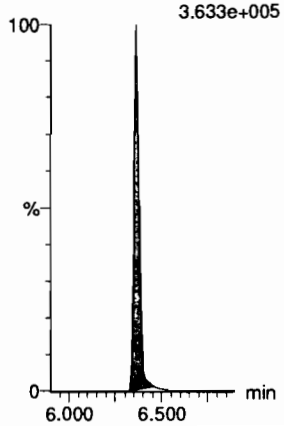
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.507e+004



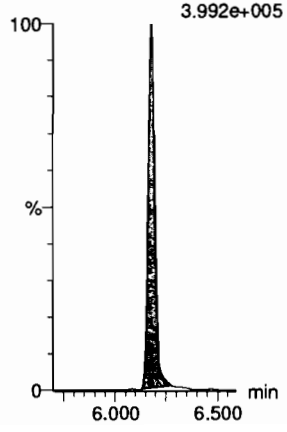
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.053e+005



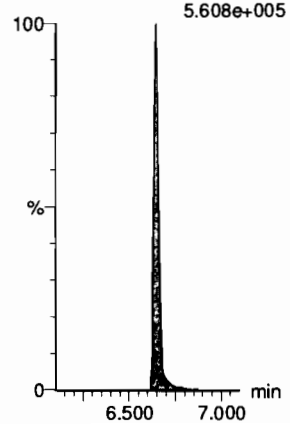
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.633e+005



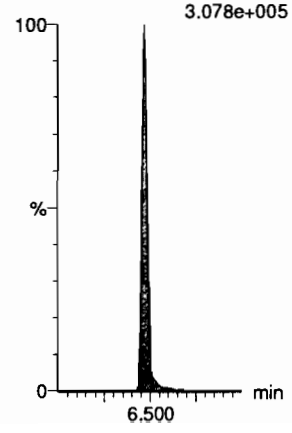
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.992e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.608e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.078e+005



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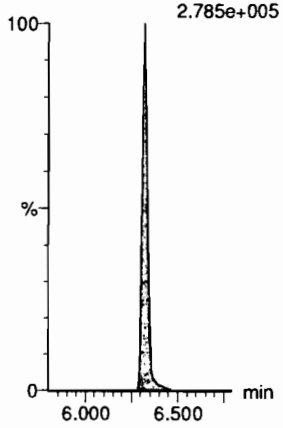
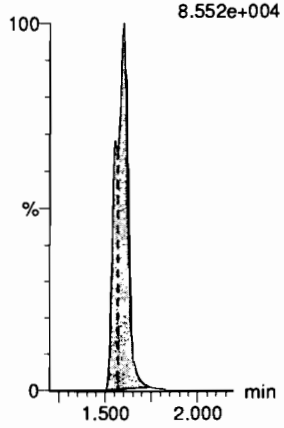
Name: 200630M1_10, Date: 30-Jun-2020, Time: 16:56:53, ID: ST200630M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

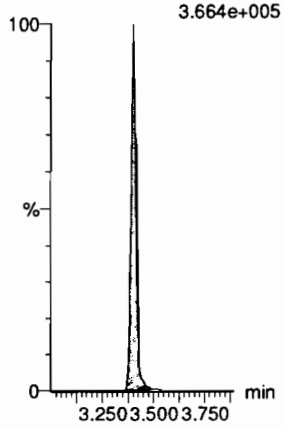
d7-N-MeFOSE-RSD



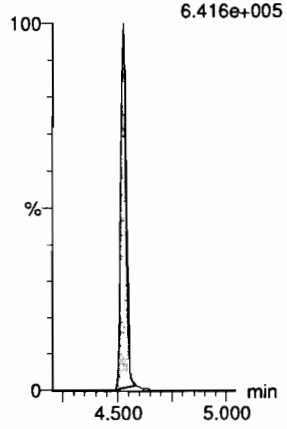
13C4-PFBA



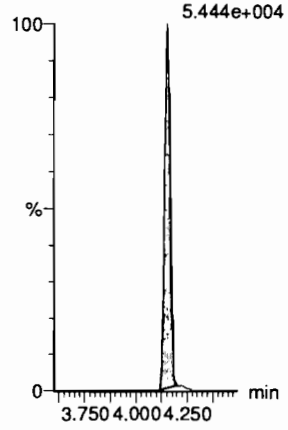
13C5-PFHxA



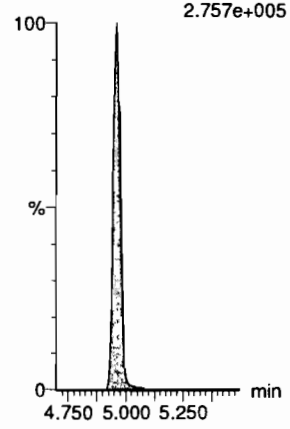
13C8-PFOA



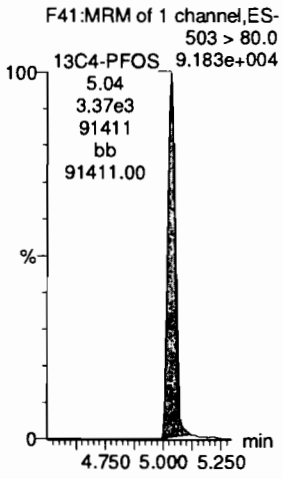
18O2-PFHxS



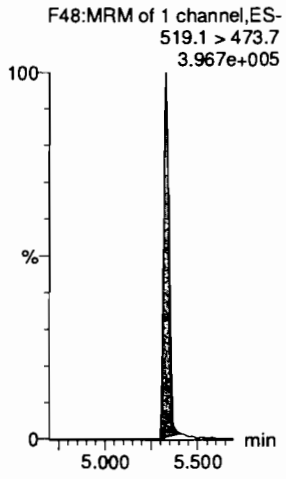
13C9-PFNA



13C4-PFOS



13C6-PFDA



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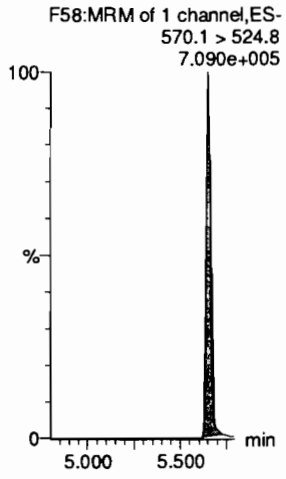

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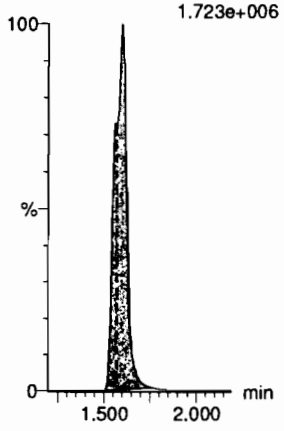
Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

PFBA



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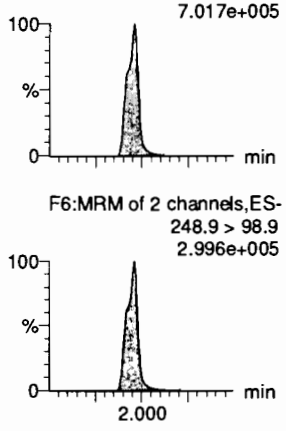
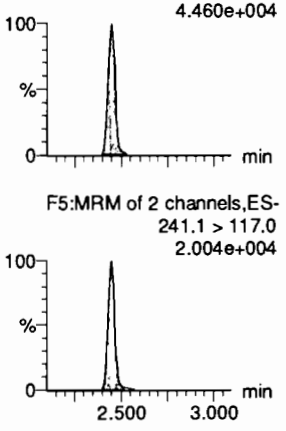
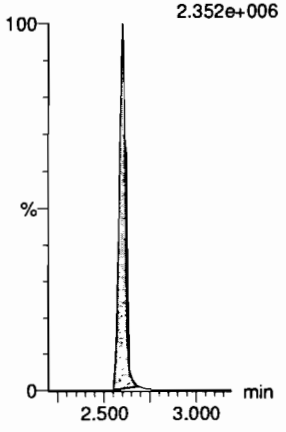


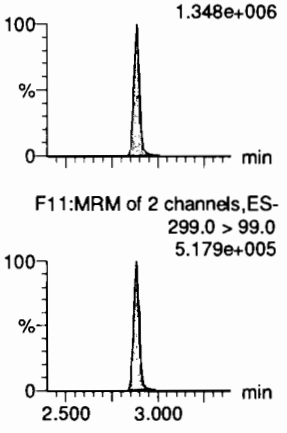
3:3 FTCA



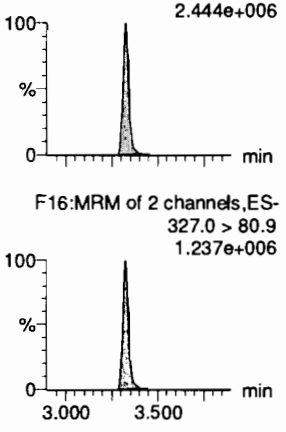
PFPeA



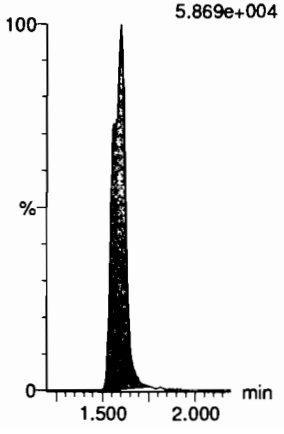
PFBS



4:2 FTS



13C3-PFBA-EIS



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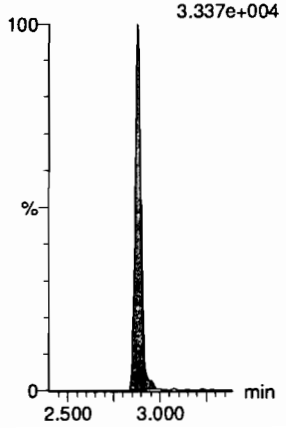

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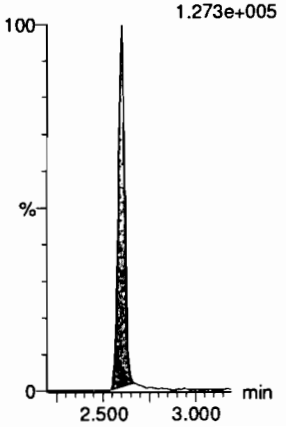

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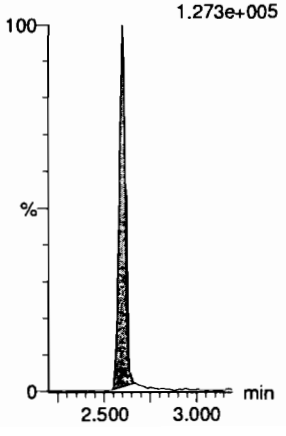

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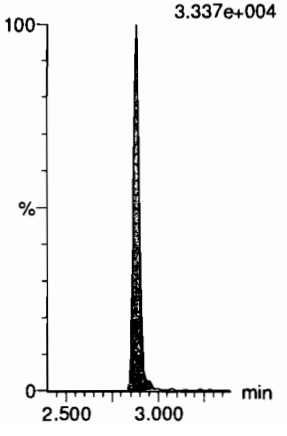
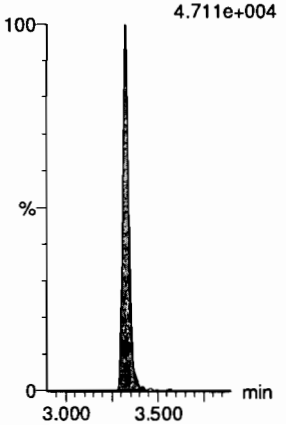


13C2-4:2 FTS-EIS



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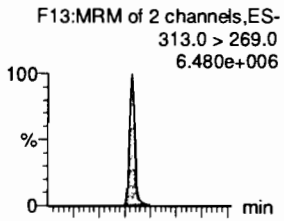
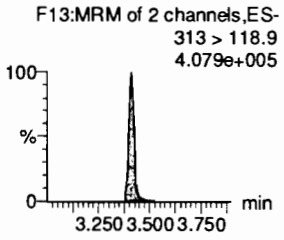
Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

PFHxA





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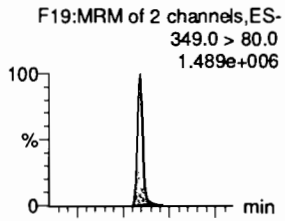
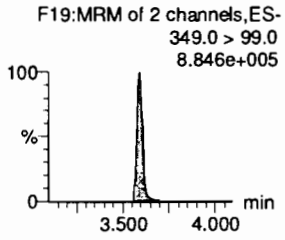
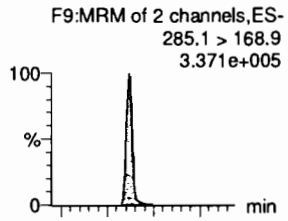
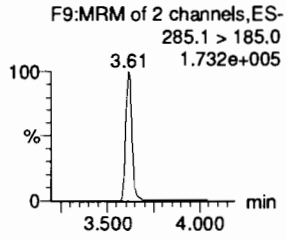


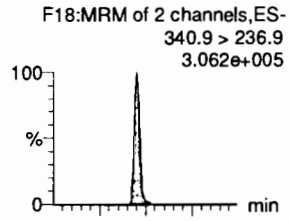


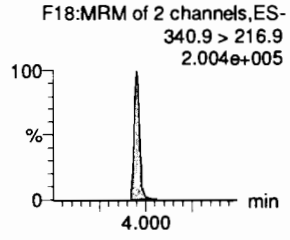
HFPO-DA





5:3 FTCA





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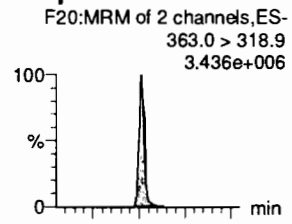
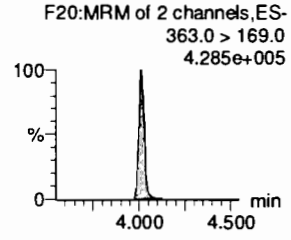
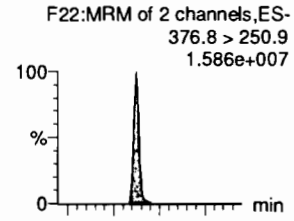
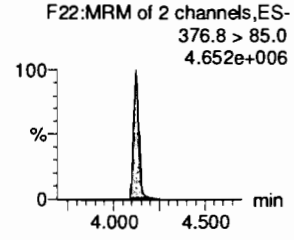




ADONA





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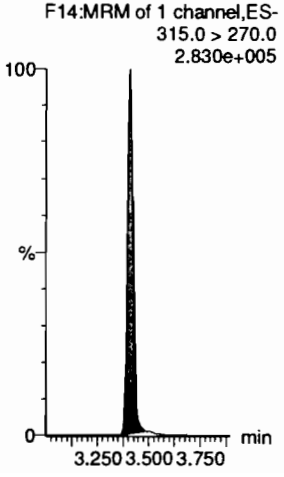
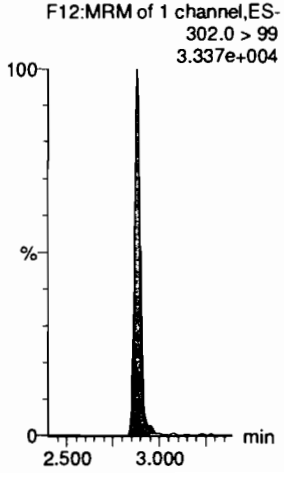
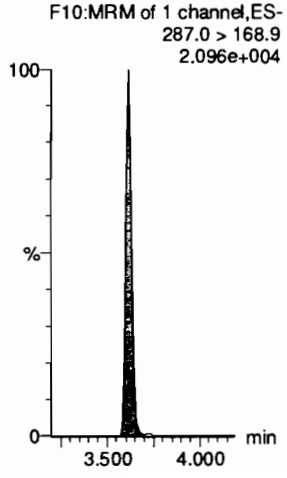


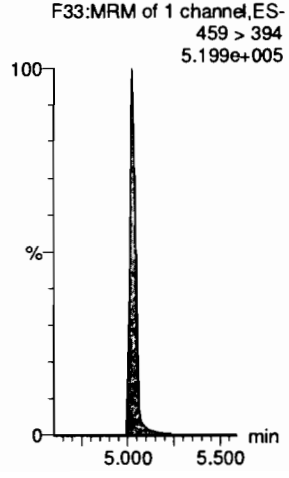
13C3-PFBS-EIS



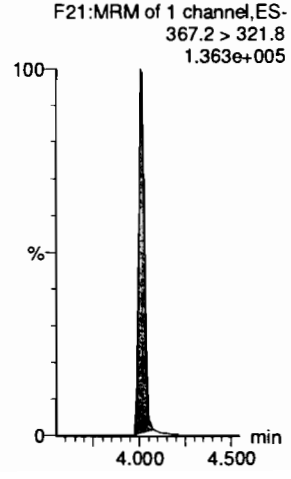
13C3-HFPO-DA-EIS



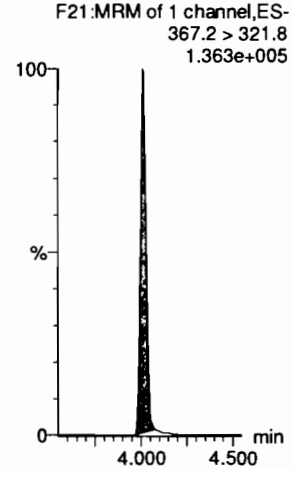
13C2-FOUEA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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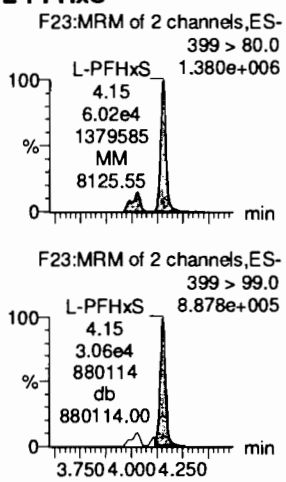
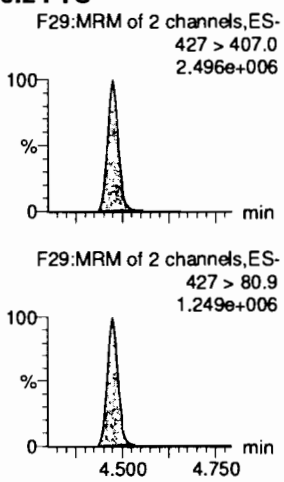
Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

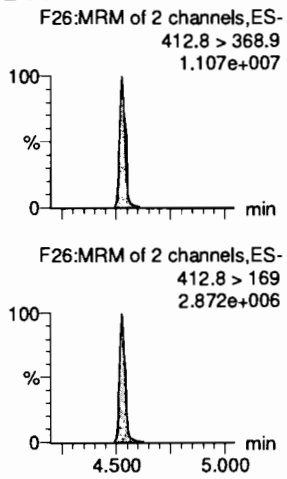
L-PFHxS



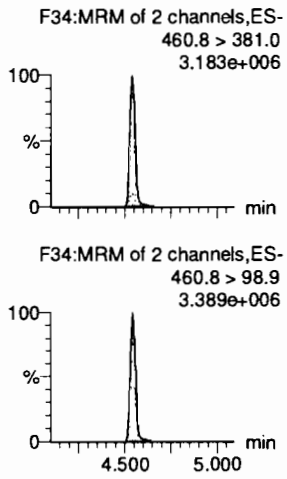
6:2 FTS



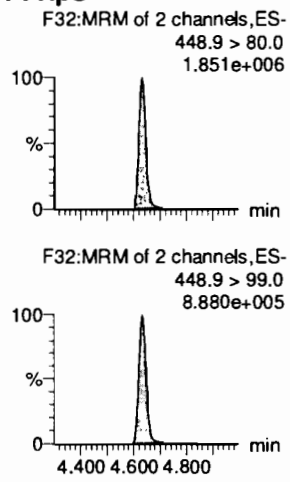
L-PFOA



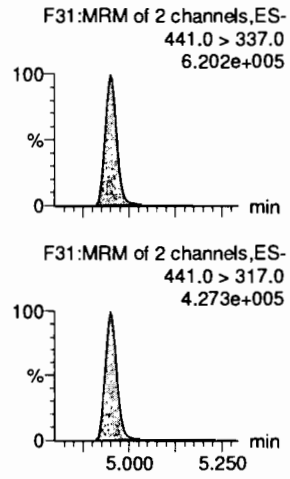
PFEChS



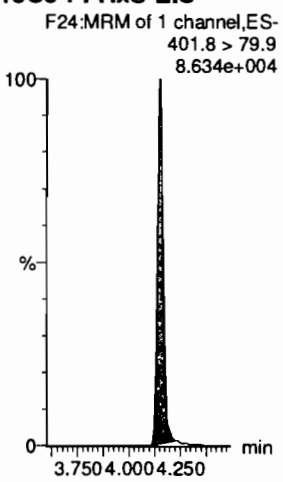
PFHpS



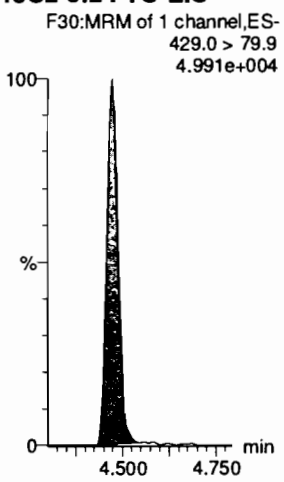
7:3 FTCA



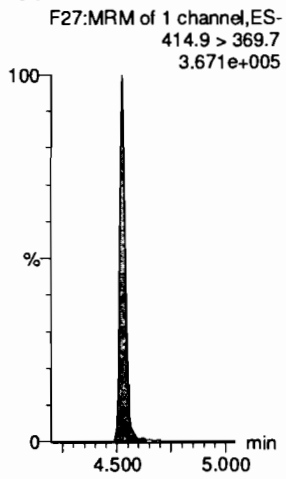
13C3-PFHxS-EIS



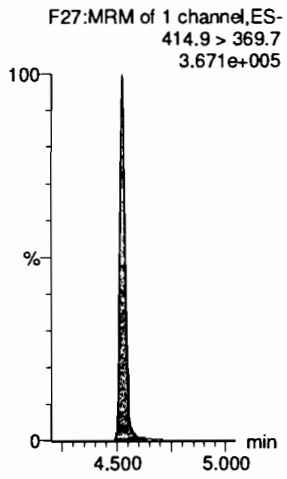
13C2-6:2 FTS-EIS



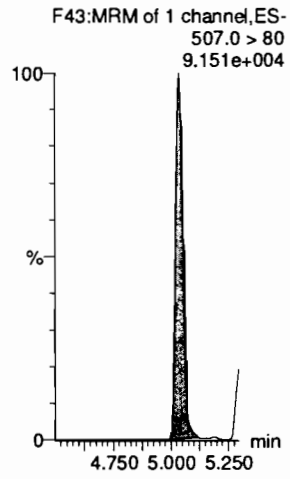
13C2-PFOA-EIS



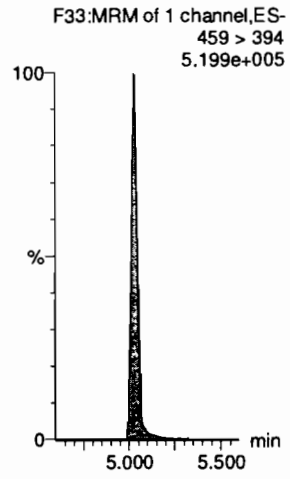
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



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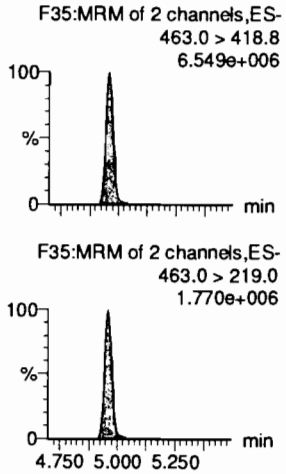
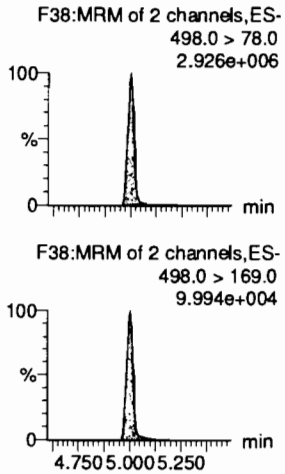
Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

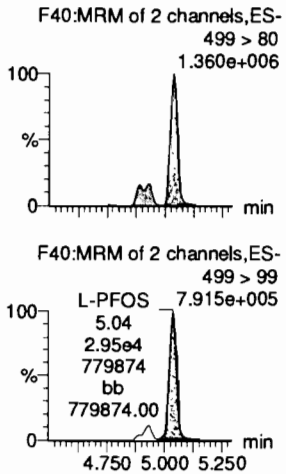
PFNA



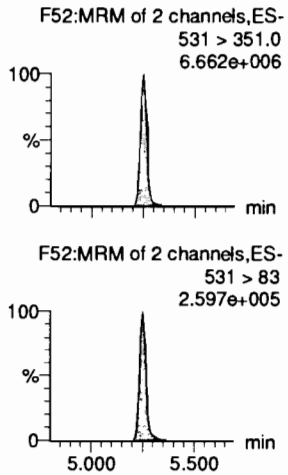
PFOSA



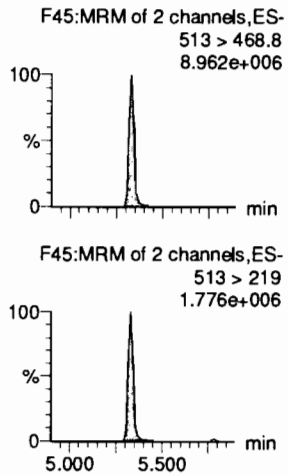
L-PFOS



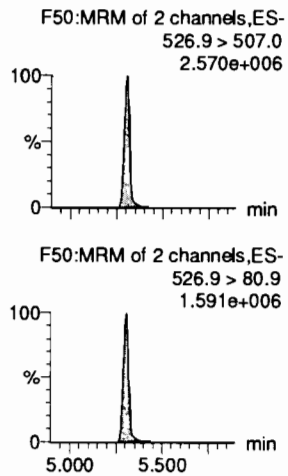
9Cl-PF30NS



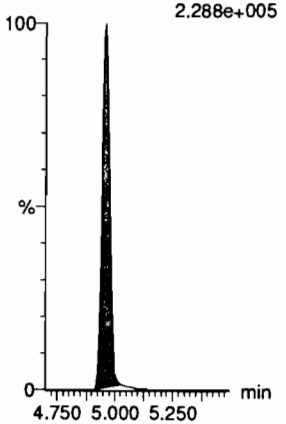
PFDA



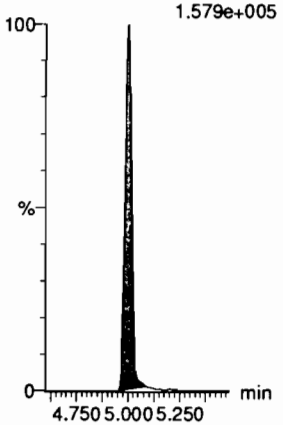
8:2 FTS



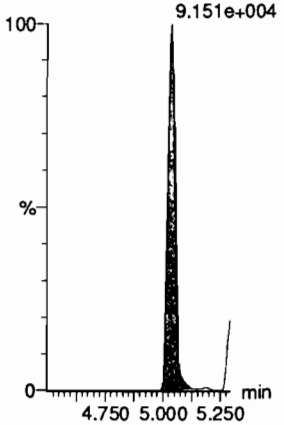
13C5-PFNA-EIS



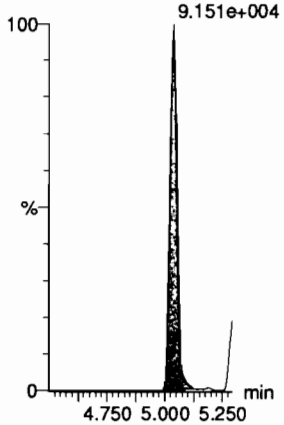
13C8-PFOSA-EIS



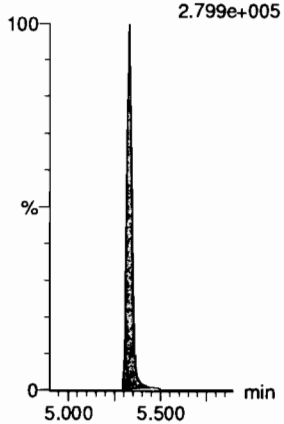
13C8-PFOS-EIS



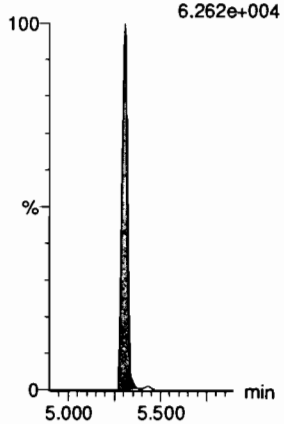
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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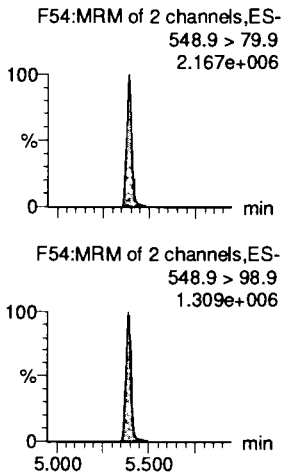
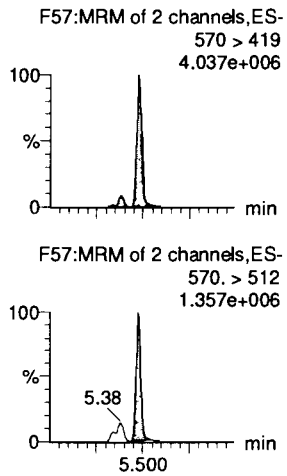
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

PFNS



L-MeFOSAA



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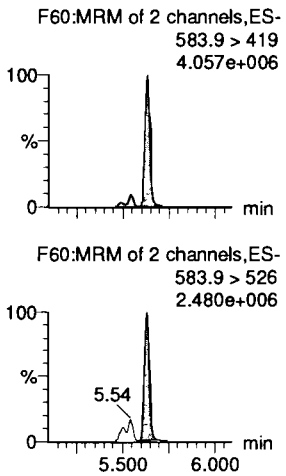
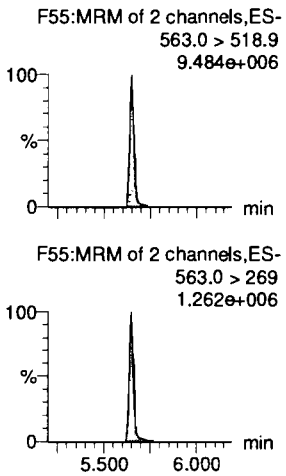
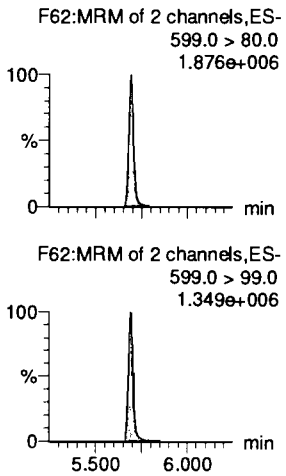


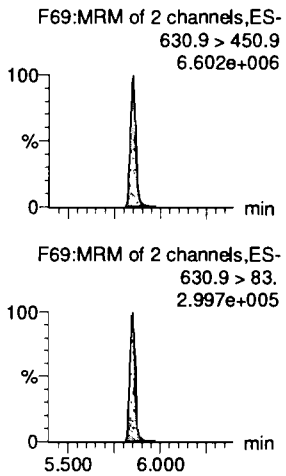
PFUdA



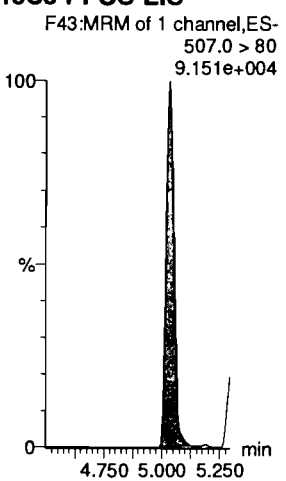
PFDS



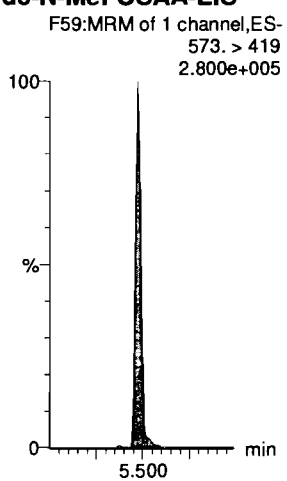
11Cl-PF30UdS



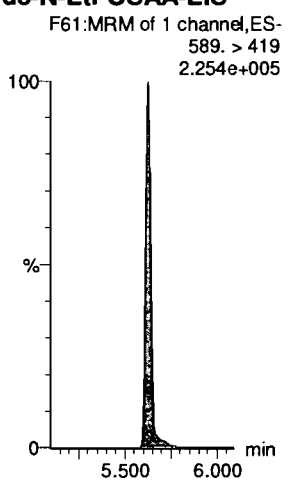
13C8-PFOS-EIS



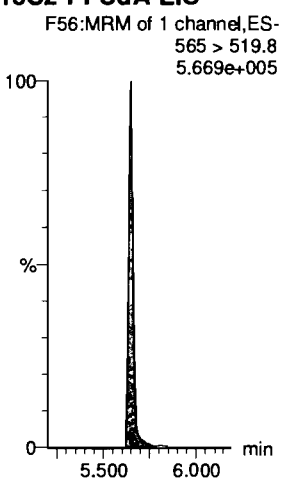
d3-N-MeFOSAA-EIS



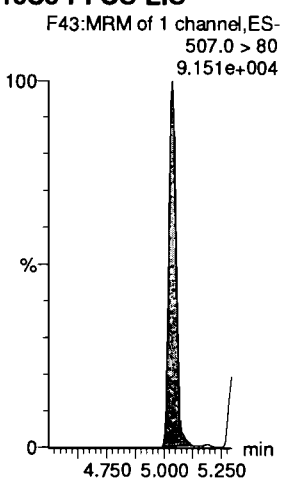
d5-N-EtFOSAA-EIS



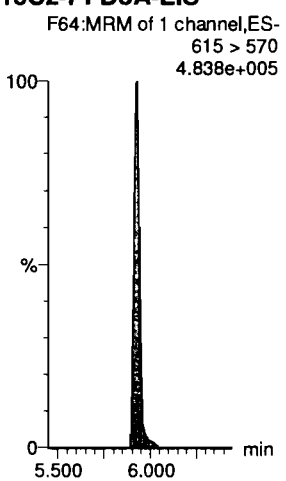
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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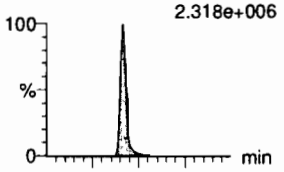
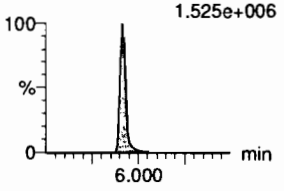
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

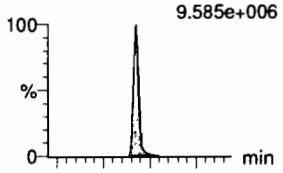
10:2 FTS
F67:MRM of 2 channels,ES-
626.9 > 607
2.318e+006



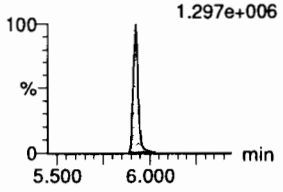
F67:MRM of 2 channels,ES-
626.9 > 81
1.525e+006



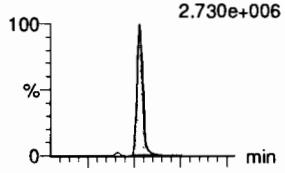
PFDoA
F63:MRM of 2 channels,ES-
612.9 > 569.0
9.585e+006



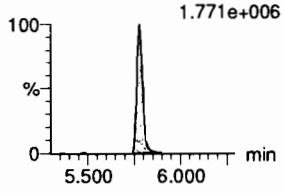
F63:MRM of 2 channels,ES-
612.9 > 318.8
1.297e+006



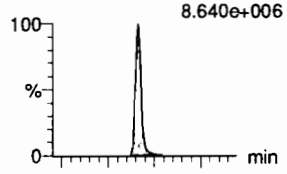
N-MeFOSA
F44:MRM of 2 channels,ES-
512.1 > 168.9
2.730e+006



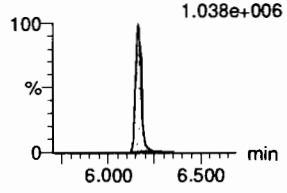
F44:MRM of 2 channels,ES-
512.1 > 219
1.771e+006



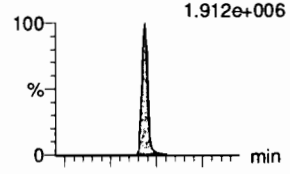
PFTrDA
F72:MRM of 2 channels,ES-
662.9 > 618.9
8.640e+006



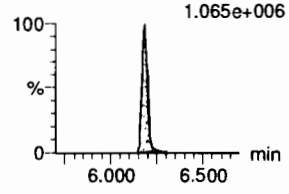
F72:MRM of 2 channels,ES-
662.9 > 319
1.038e+006



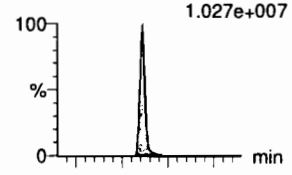
PFDoS
F73:MRM of 2 channels,ES-
698.9 > 80
1.912e+006



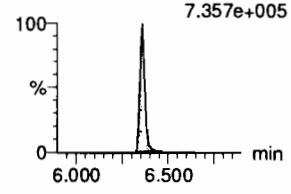
F73:MRM of 2 channels,ES-
698.9 > 99
1.065e+006



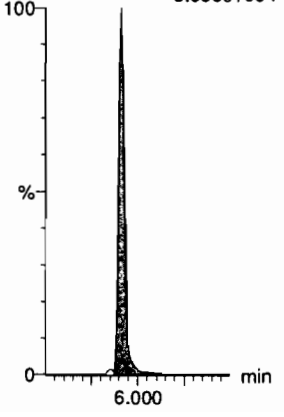
PFTeDA
F74:MRM of 2 channels,ES-
713.0 > 669.0
1.027e+007



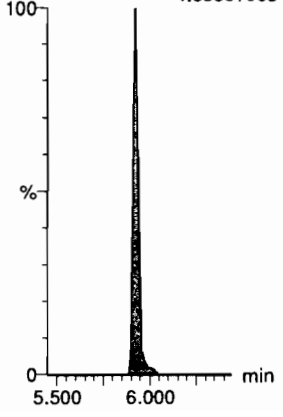
F74:MRM of 2 channels,ES-
713. > 369.0
7.357e+005



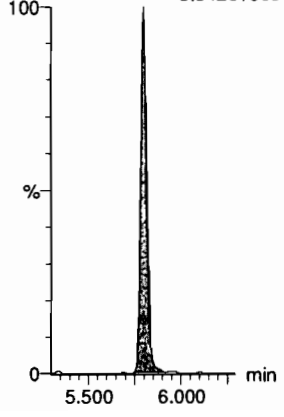
13C2-10:2 FTS-EIS
F70:MRM of 1 channel,ES-
633 > 79.9
3.988e+004



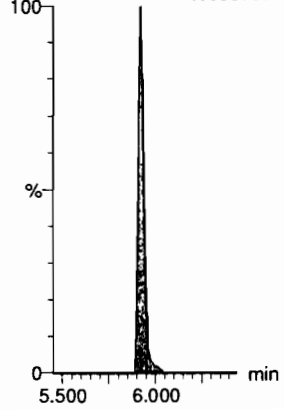
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
4.838e+005



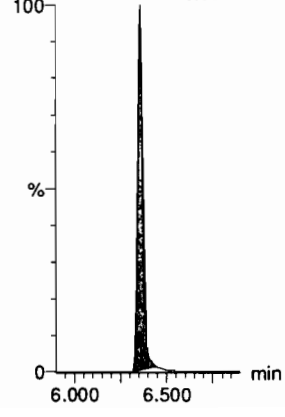
d3-N-MeFOSA-EIS
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.342e+005



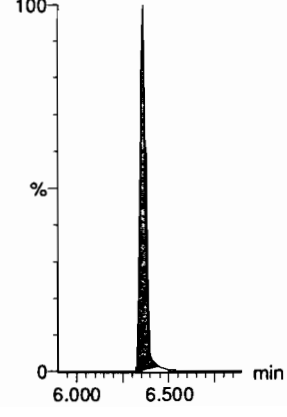
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
4.838e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.665e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.665e+005



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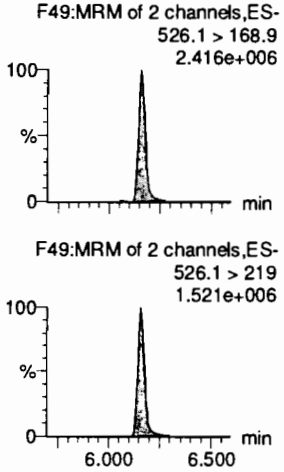
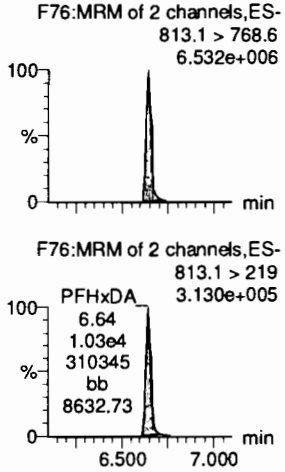
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

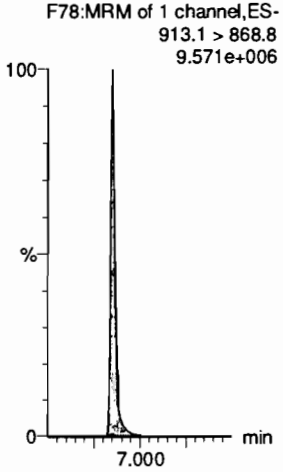
N-EtFOSA



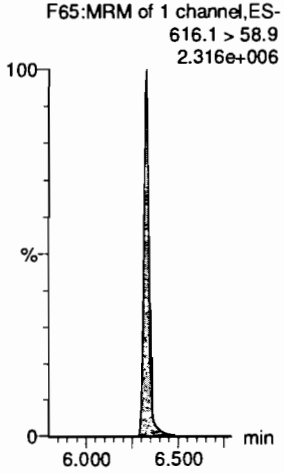
PFHxDA



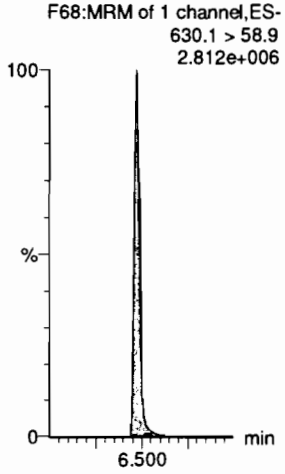
PFODA



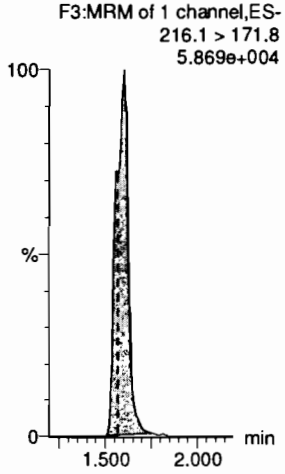
N-MeFOSE



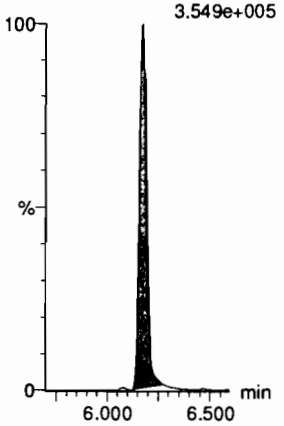
N-EtFOSE



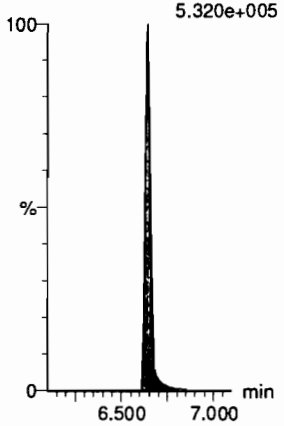
13C3-PFBA-RSD



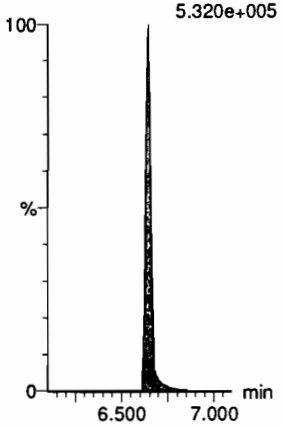
d5-N-ETFOSA-EIS



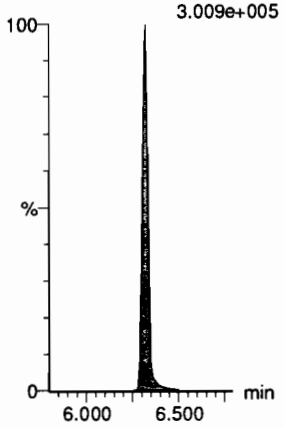
13C2-PFHxDA-EIS



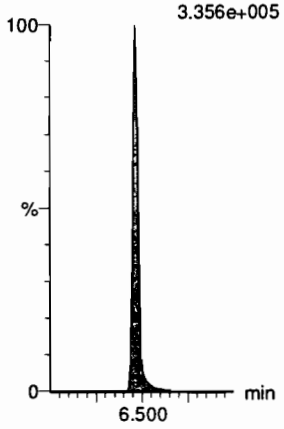
13C2-PFHxDA-EIS



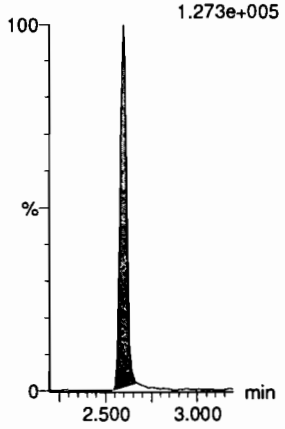
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

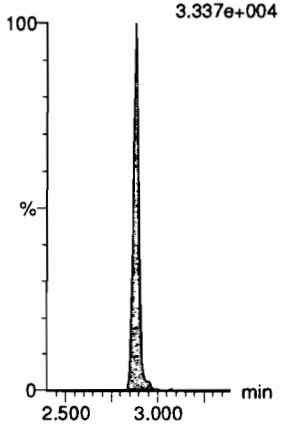


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

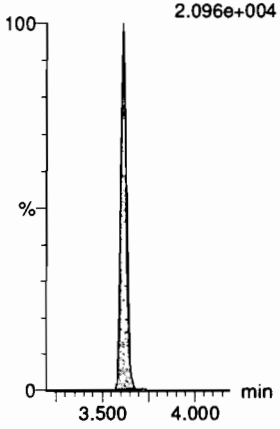
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

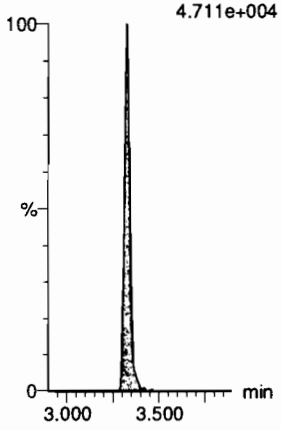
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.337e+004



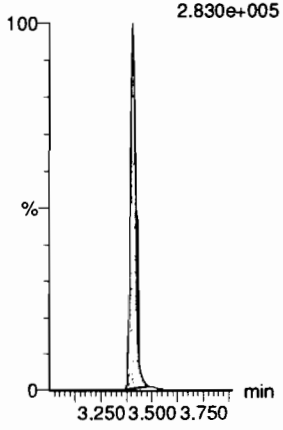
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.096e+004



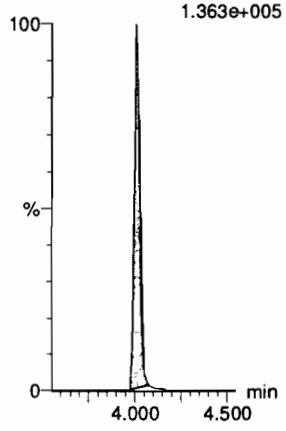
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.711e+004



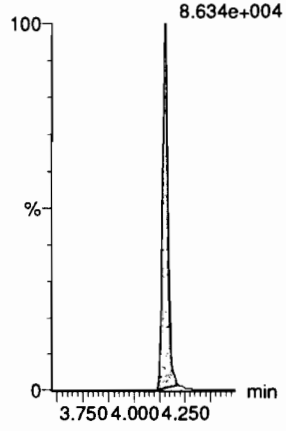
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.830e+005



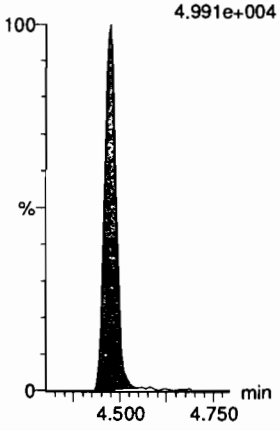
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.363e+005



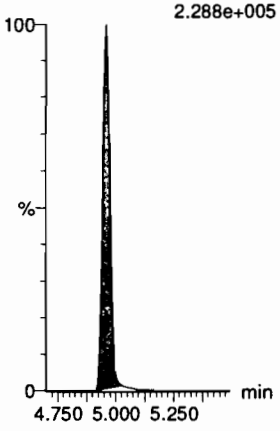
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.634e+004



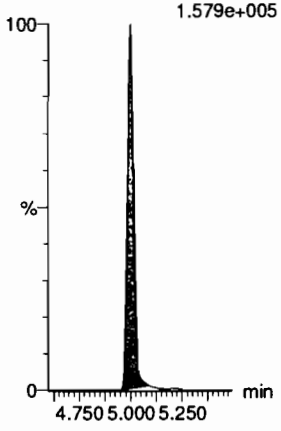
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.991e+004



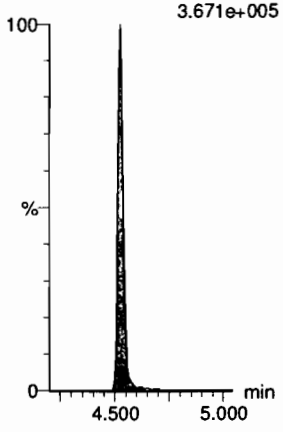
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.288e+005



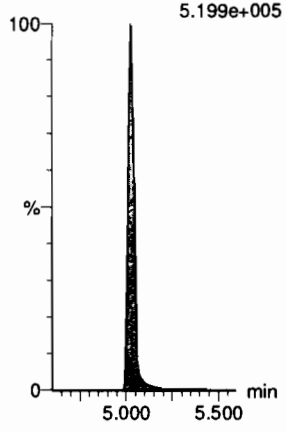
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.579e+005



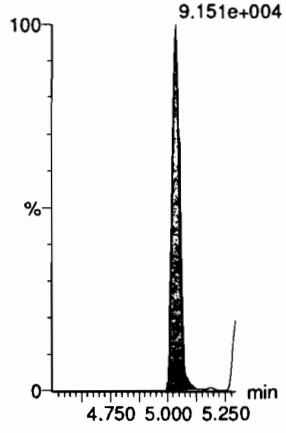
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.671e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
5.199e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.151e+004

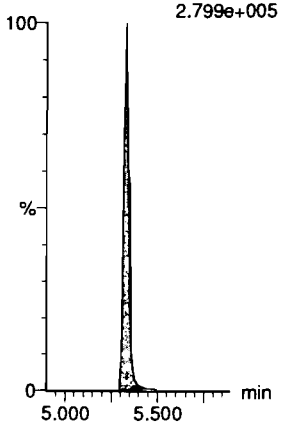


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

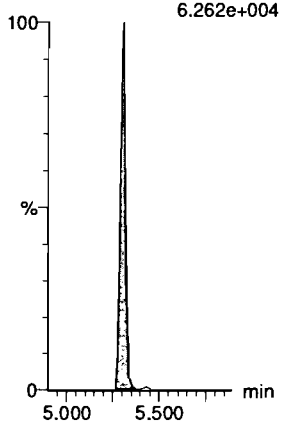
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

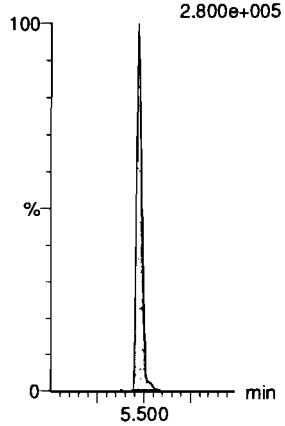
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.799e+005



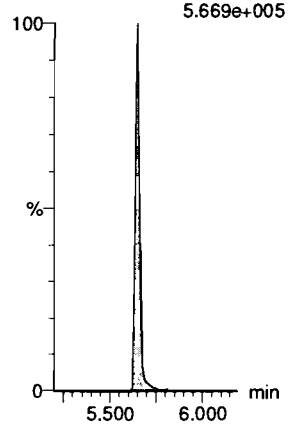
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.262e+004



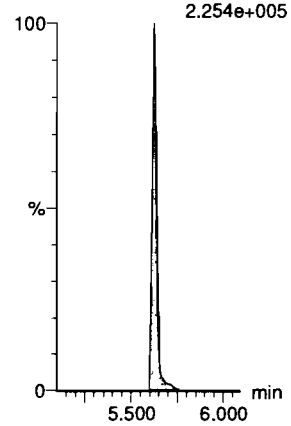
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.800e+005



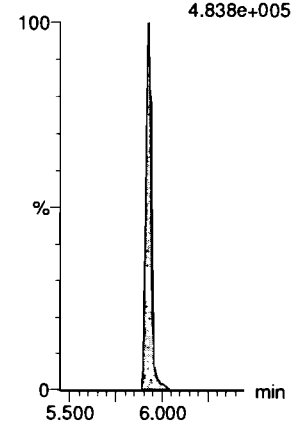
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.669e+005



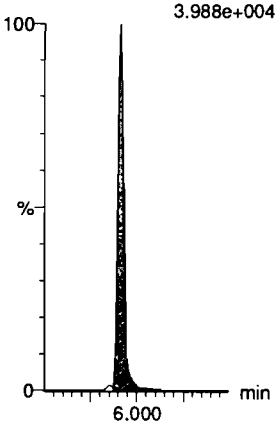
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.254e+005



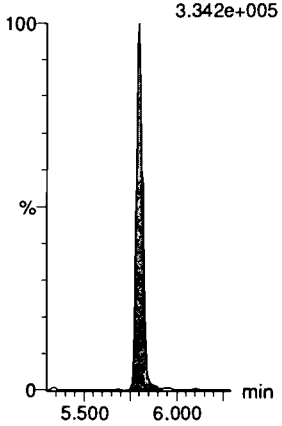
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
4.838e+005



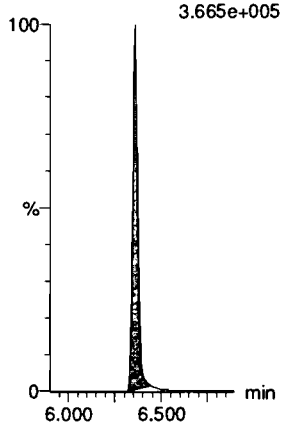
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.988e+004



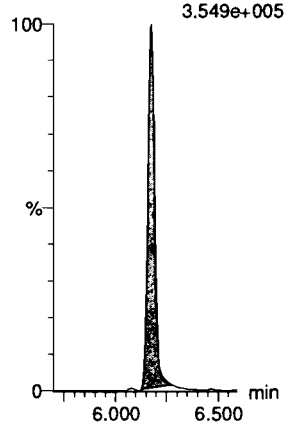
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.342e+005



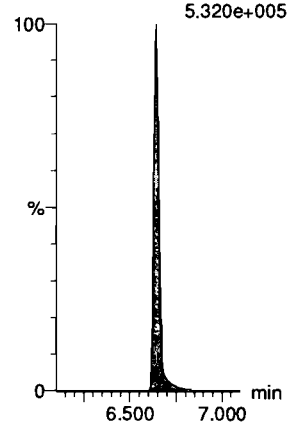
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.665e+005



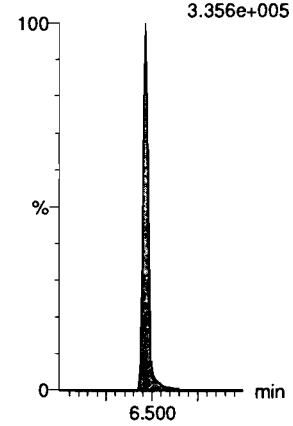
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.549e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.320e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.356e+005

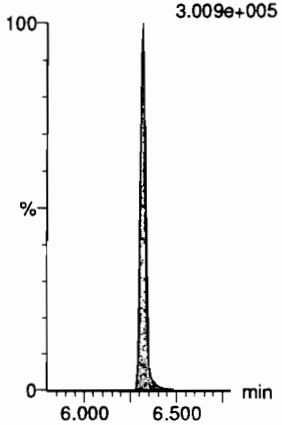


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

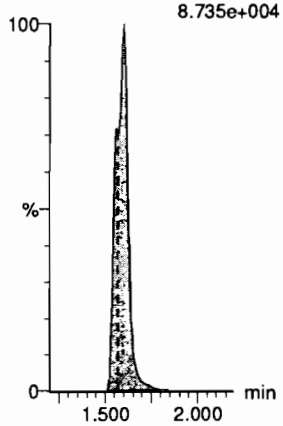
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_11, Date: 30-Jun-2020, Time: 17:07:19, ID: ST200630M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

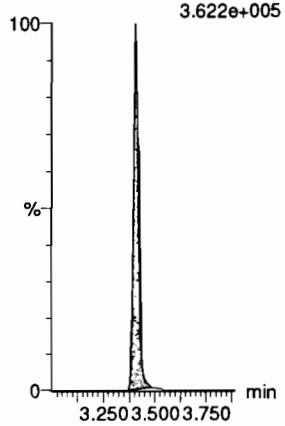
d7-N-MeFOSE-RSD



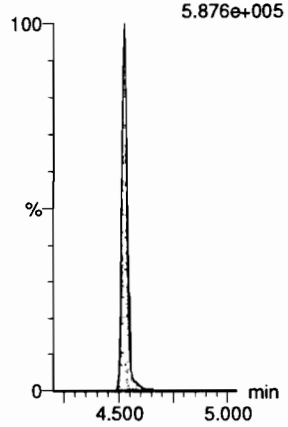
13C4-PFBA



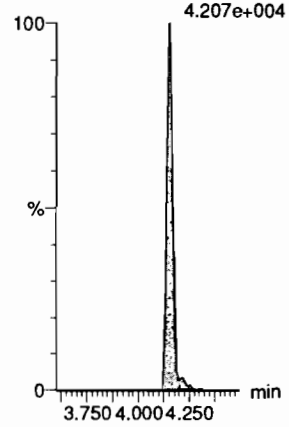
13C5-PFHxA



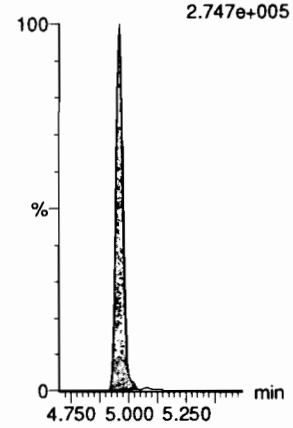
13C8-PFOA



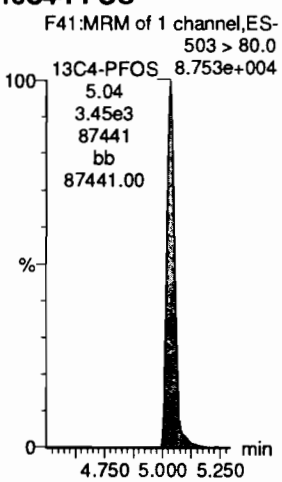
18O2-PFHxS



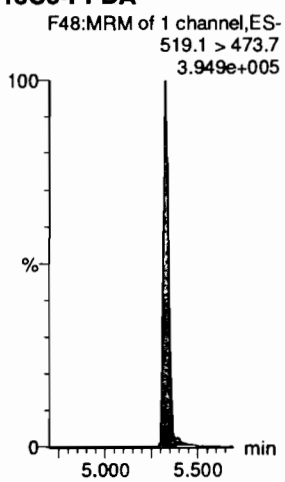
13C9-PFNA



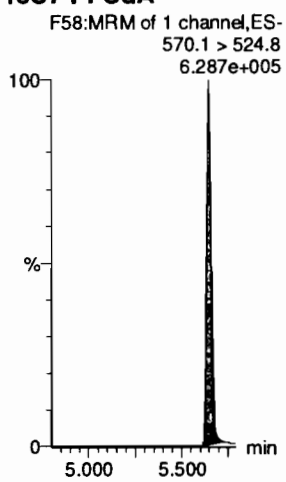
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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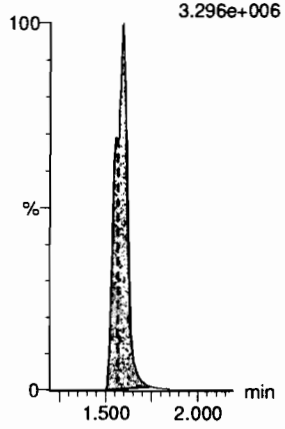
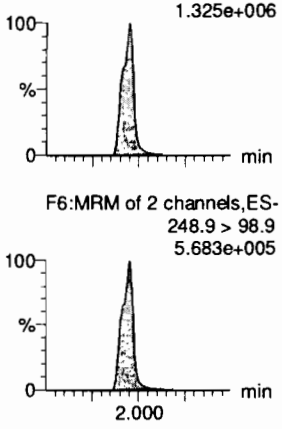
Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

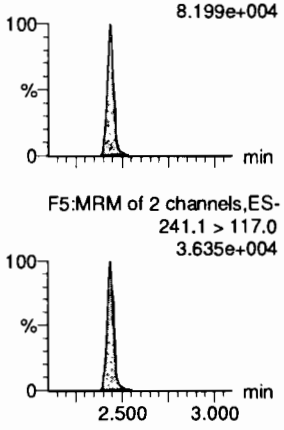
PFBA



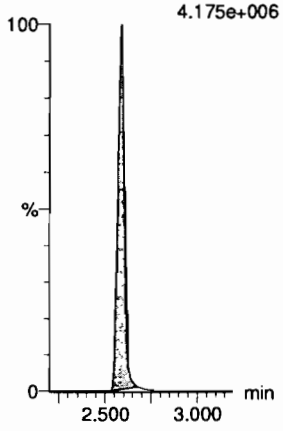
PFPrS



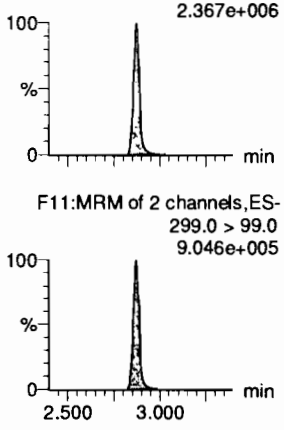
3:3 FTCA



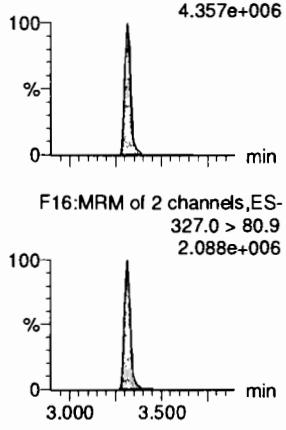
PFPeA



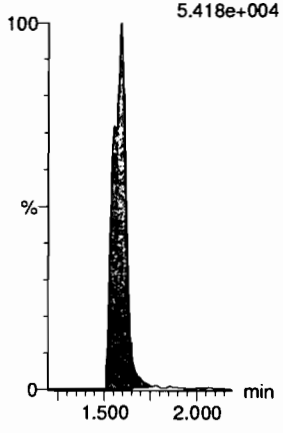
PFBS



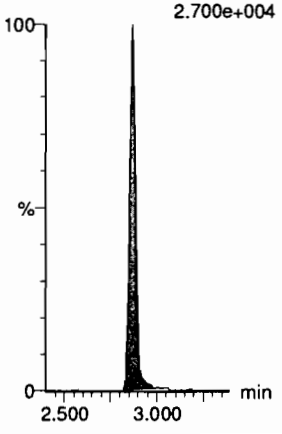
4:2 FTS



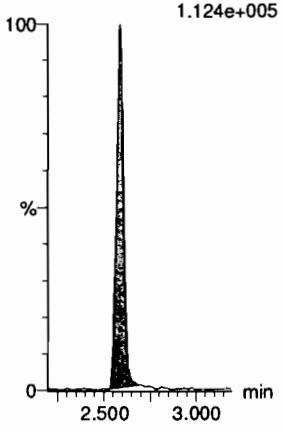
13C3-PFBA-EIS



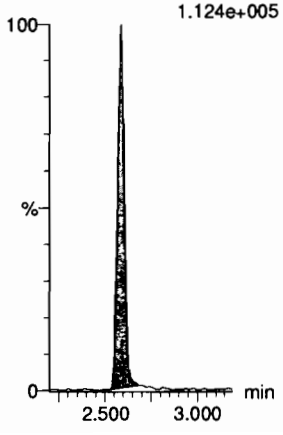
13C3-PFBS-EIS



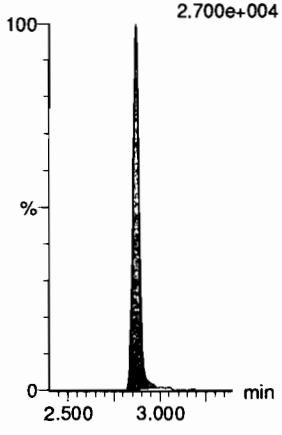
13C3-PFPeA-EIS



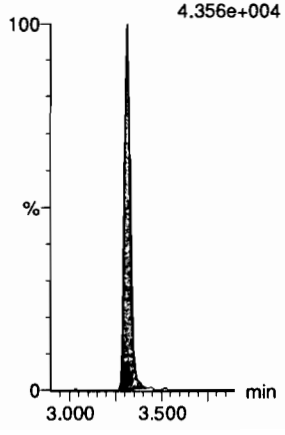
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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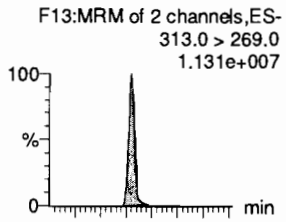
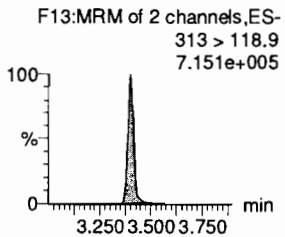
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

PFHxA





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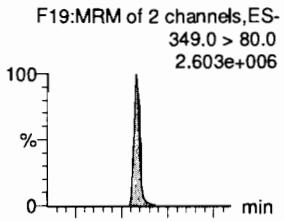
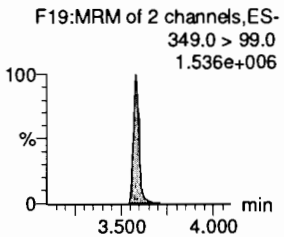
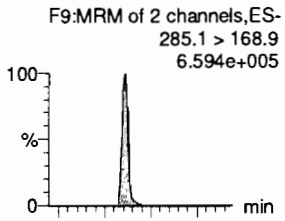
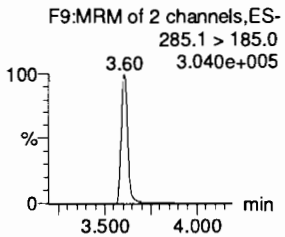


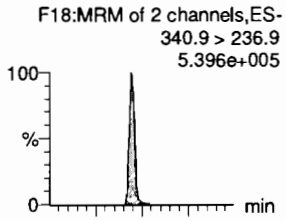


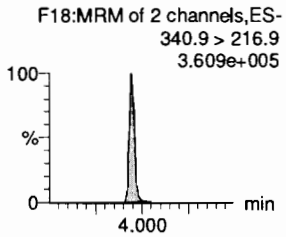
HFPO-DA



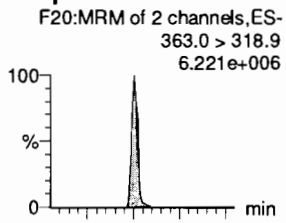


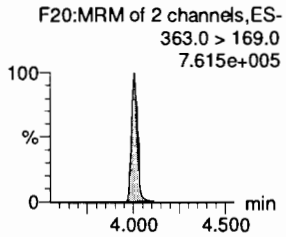
5:3 FTCA



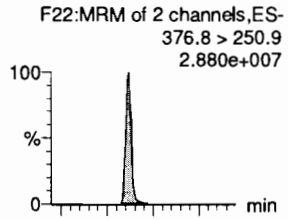


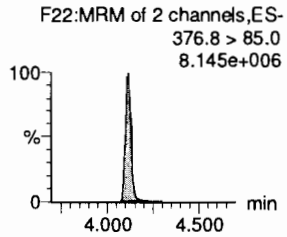
PFHpA



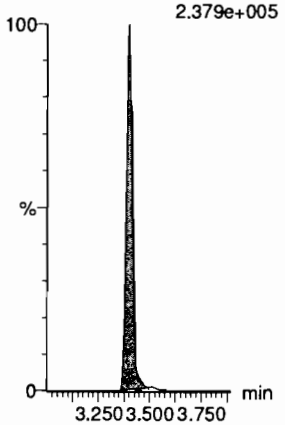


ADONA

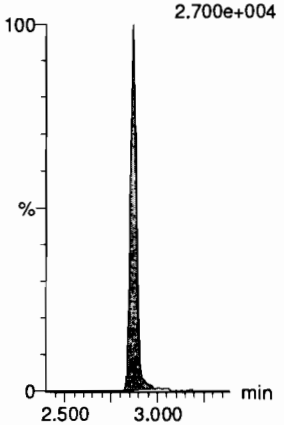




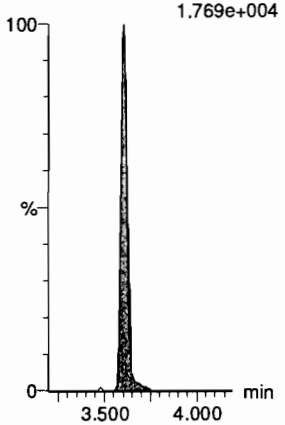
13C2-PFHxA-EIS



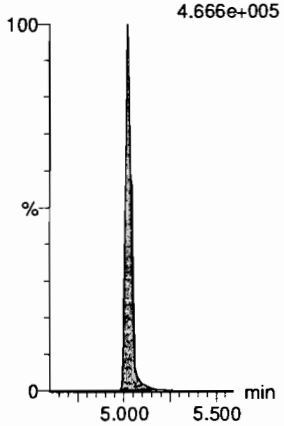
13C3-PFBS-EIS



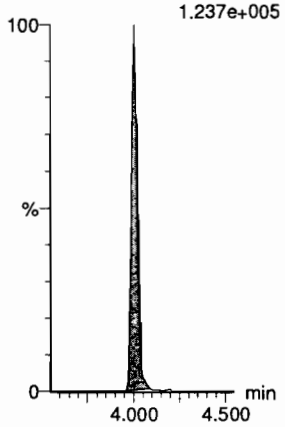
13C3-HFPO-DA-EIS



13C2-FOUEA-EIS



13C4-PFHpA-EIS



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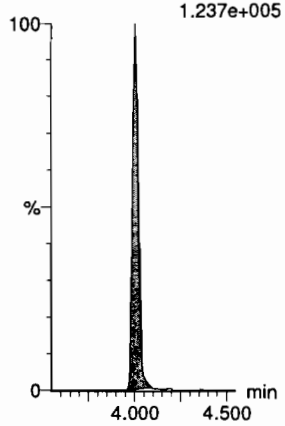

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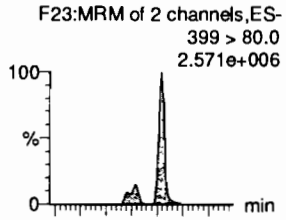
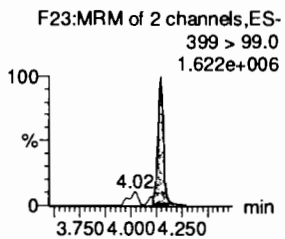
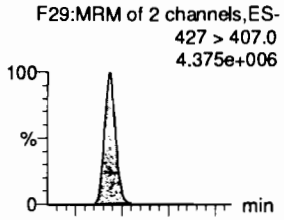
Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

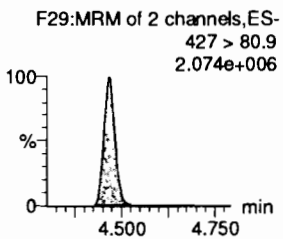
L-PFHxS



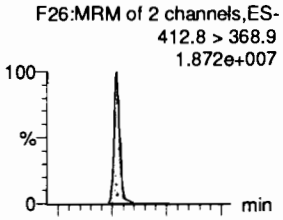


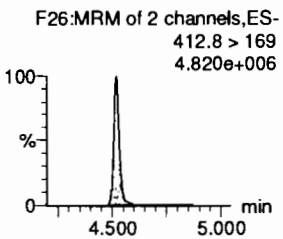
6:2 FTS





L-PFOA





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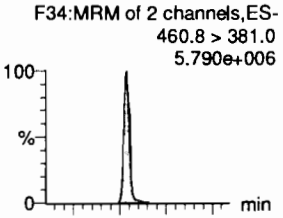
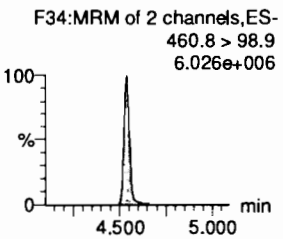
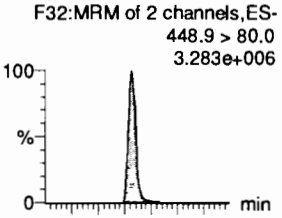
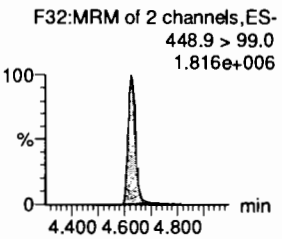


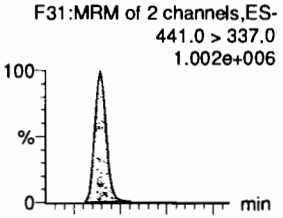


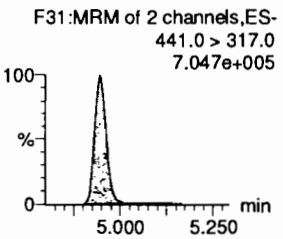
PFHpS



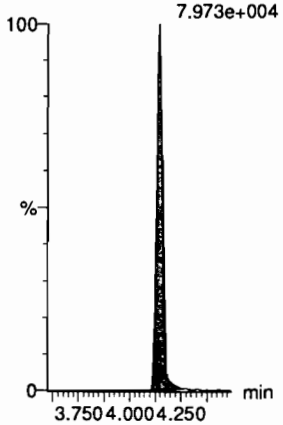


7:3 FTCA

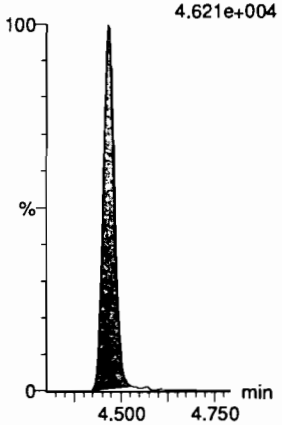




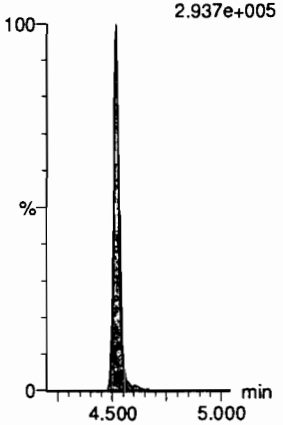
13C3-PFHxS-EIS



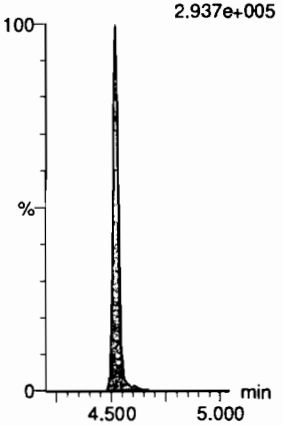
13C2-6:2 FTS-EIS



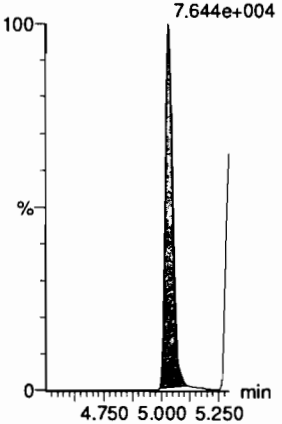
13C2-PFOA-EIS



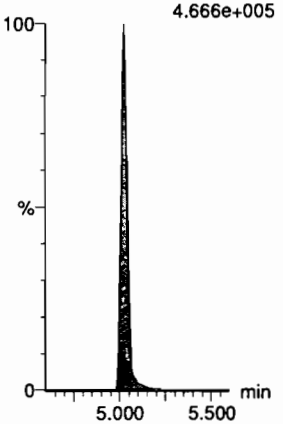
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



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Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

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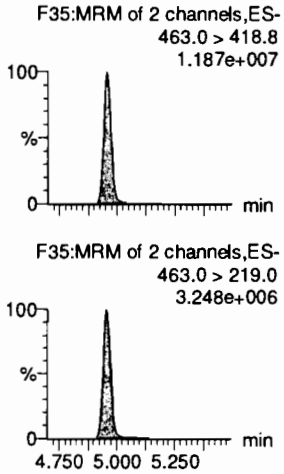
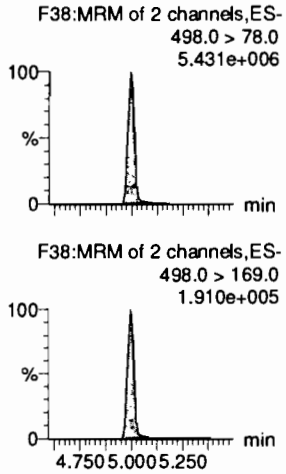
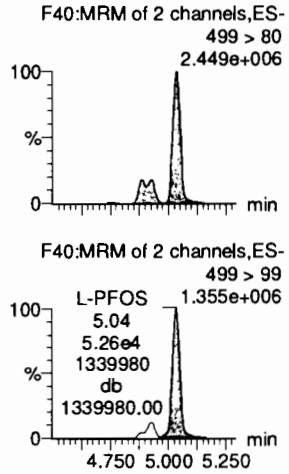


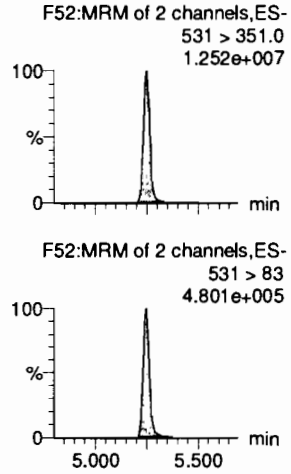
PFOSA



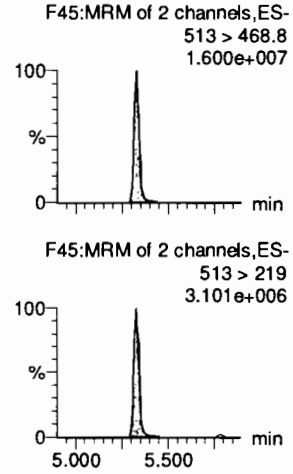
L-PFOS



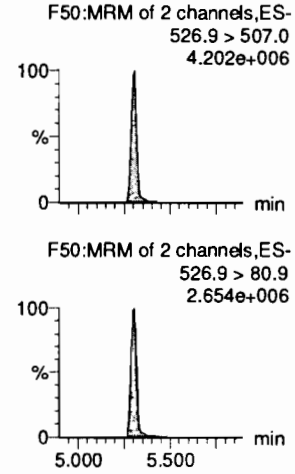
9Cl-PF30NS



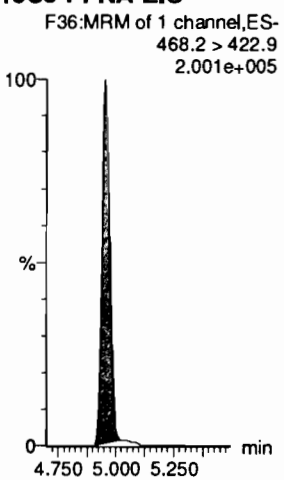
PFDA



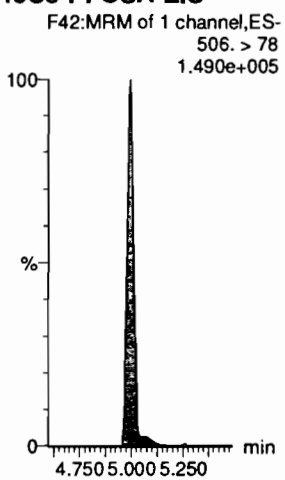
8:2 FTS



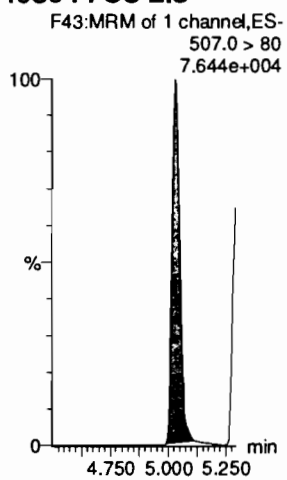
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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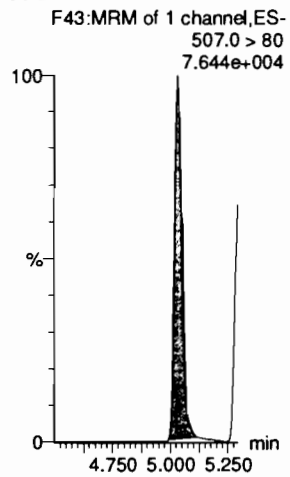
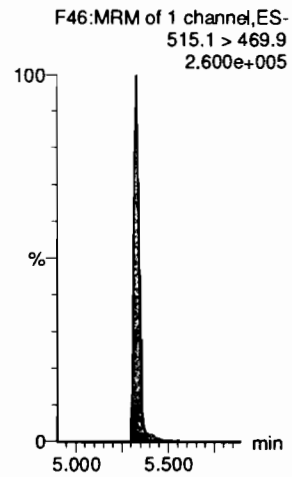
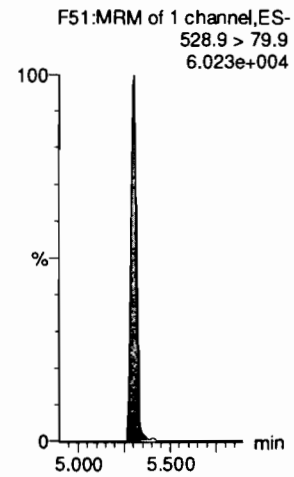


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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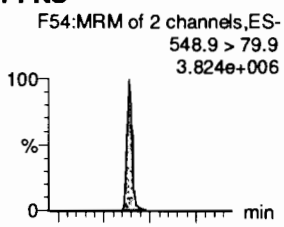
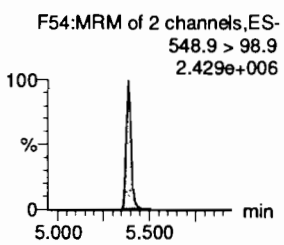
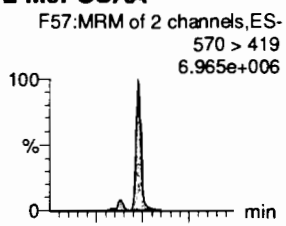
Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

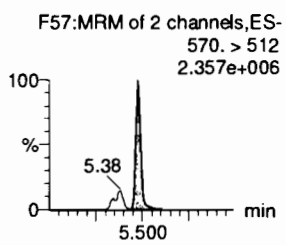
PFNS



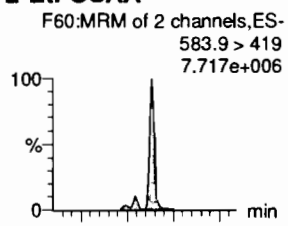


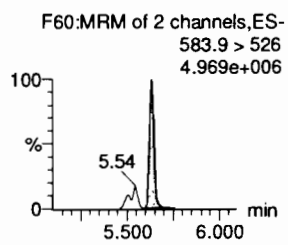
L-MeFOSAA



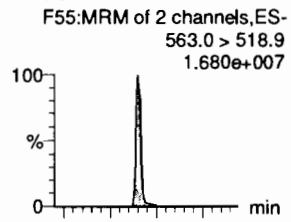


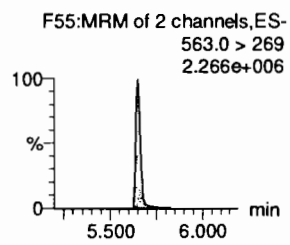
L-EtFOSAA



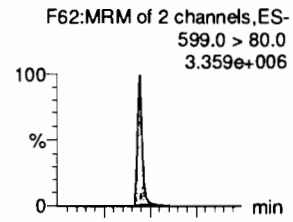


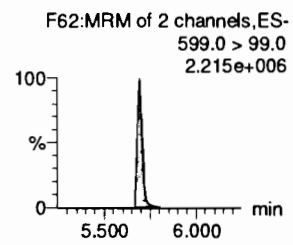
PFUdA



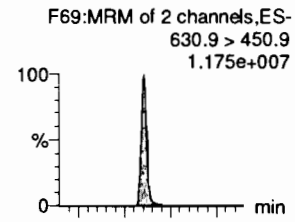


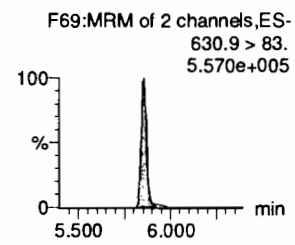
PFDS



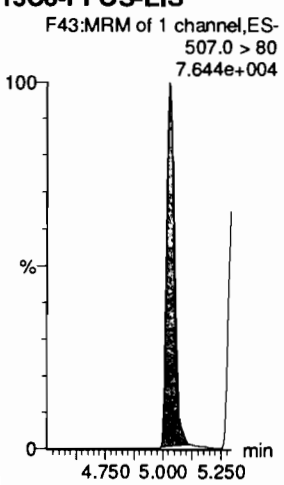


11Cl-PF30UdS

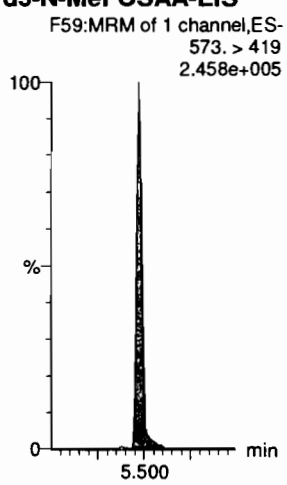




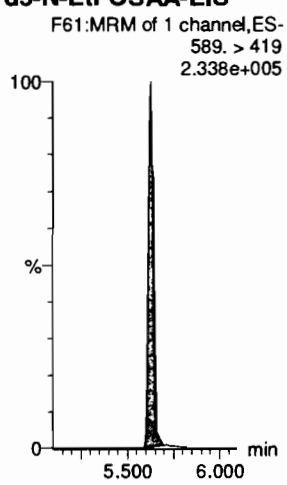
13C8-PFOS-EIS



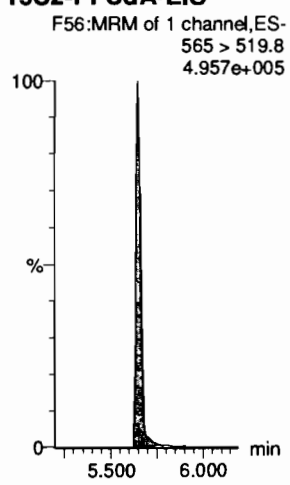
d3-N-MeFOSAA-EIS



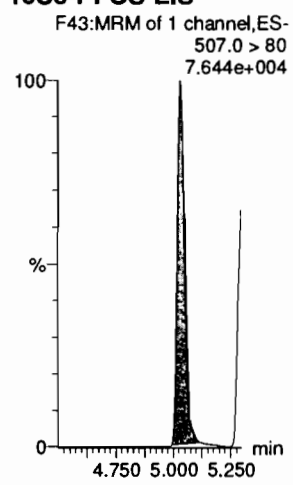
d5-N-EtFOSAA-EIS



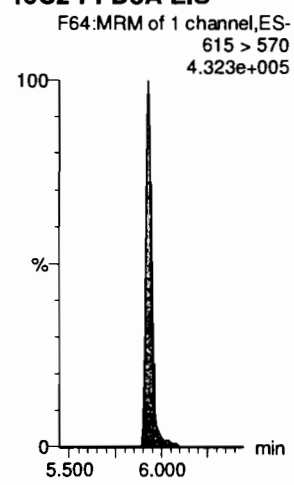
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

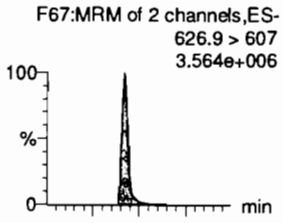


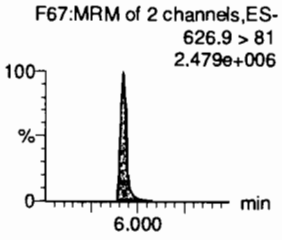
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

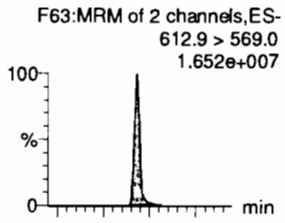
Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

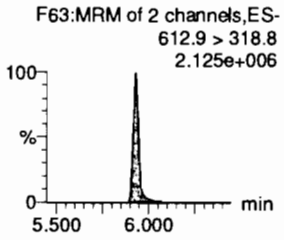
10:2 FTS



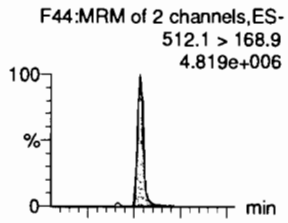


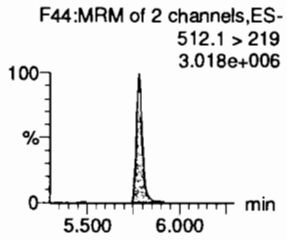
PFDoA





N-MeFOSA





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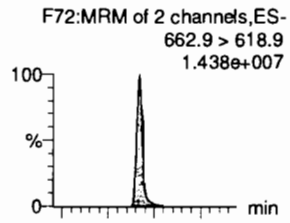
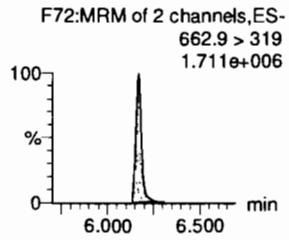
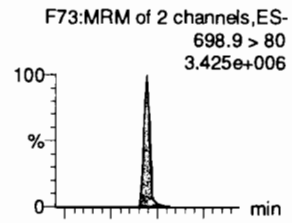
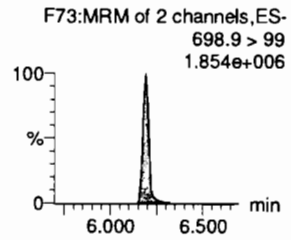




PFDoS





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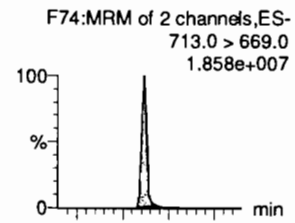
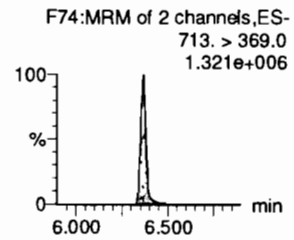
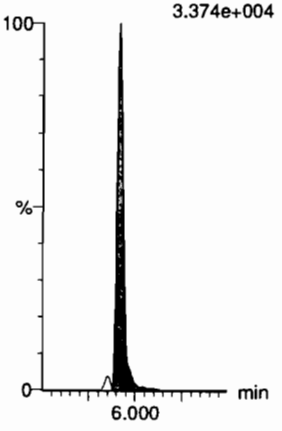
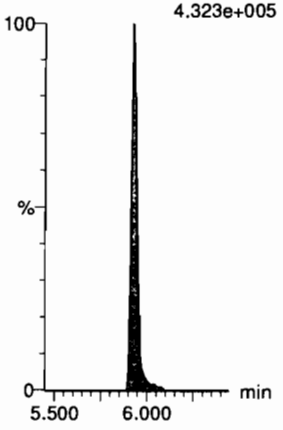




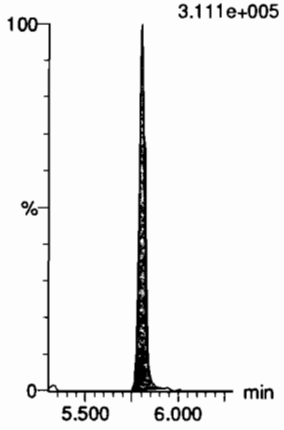
13C2-10:2 FTS-EIS



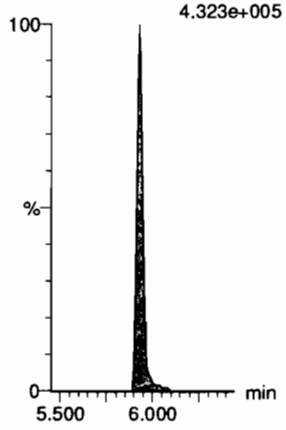
13C2-PFDoA-EIS



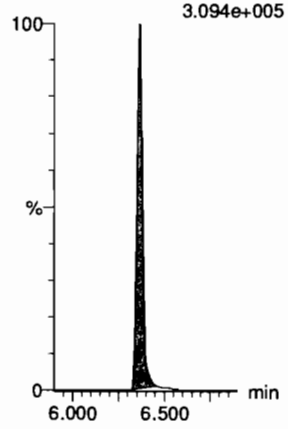
d3-N-MeFOSA-EIS



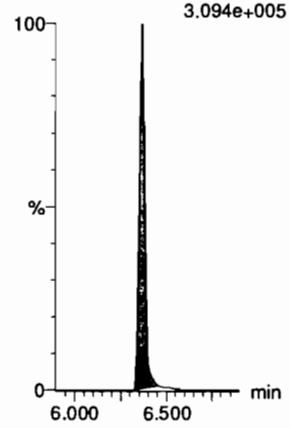
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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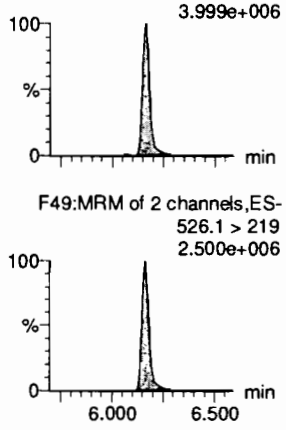
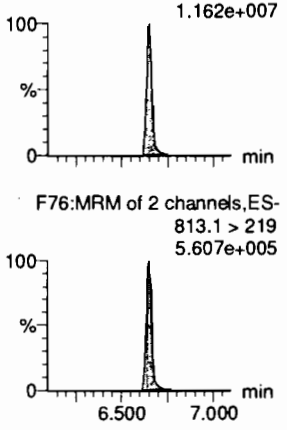
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

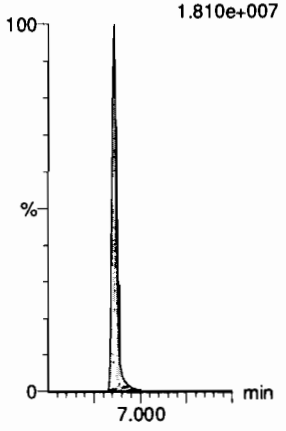
N-EtFOSA



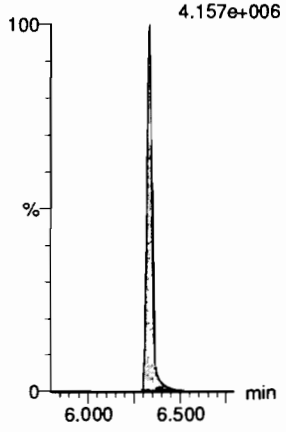
PFHxDA



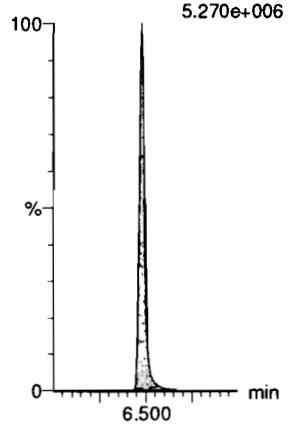
PFODA



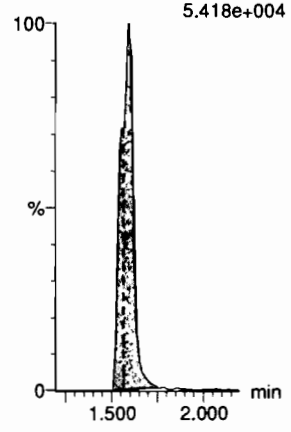
N-MeFOSE



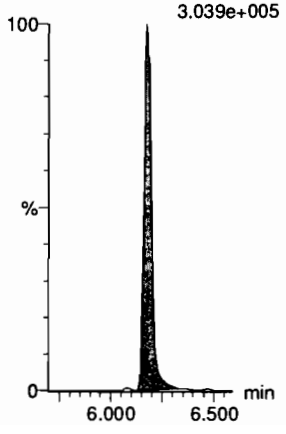
N-EtFOSE



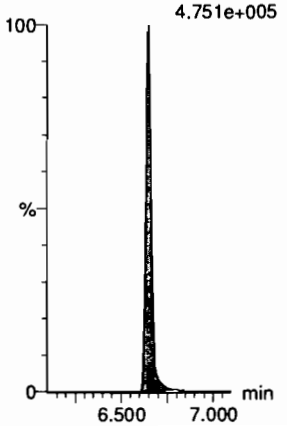
13C3-PFBA-RSD



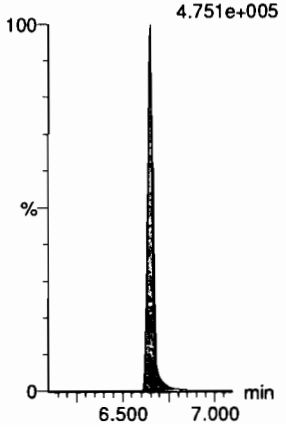
d5-N-ETFOSA-EIS



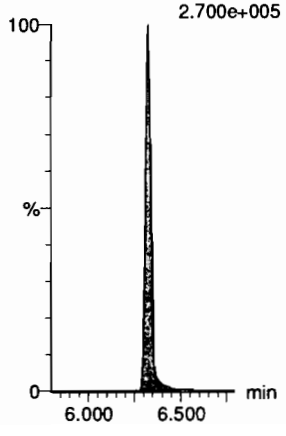
13C2-PFHxDA-EIS



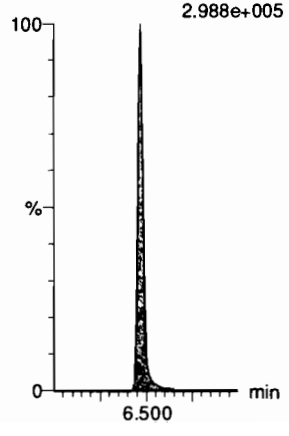
13C2-PFHxDA-EIS



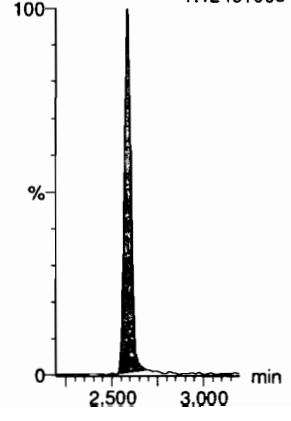
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

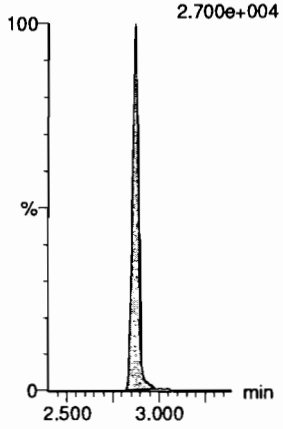


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

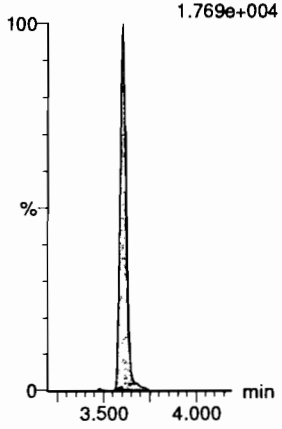
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

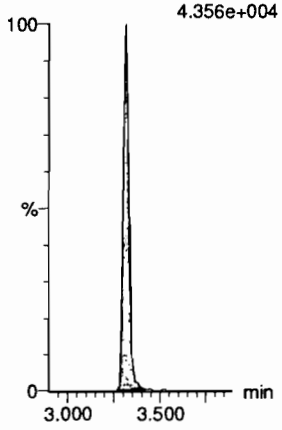
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.700e+004



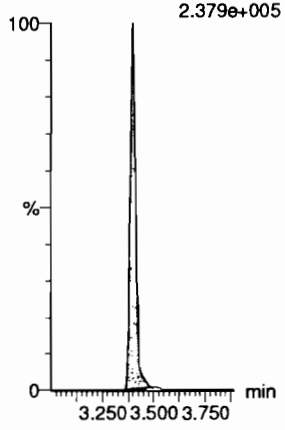
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.769e+004



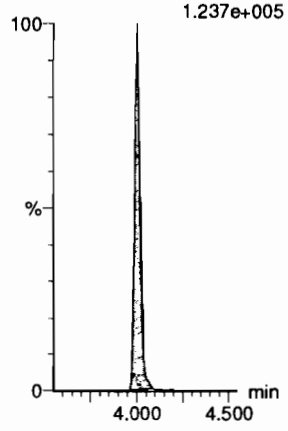
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.356e+004



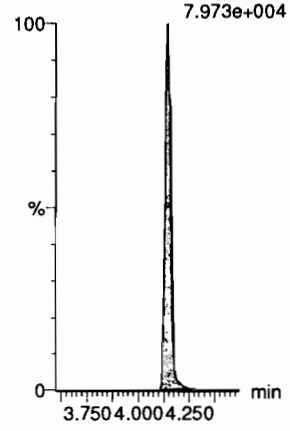
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.379e+005



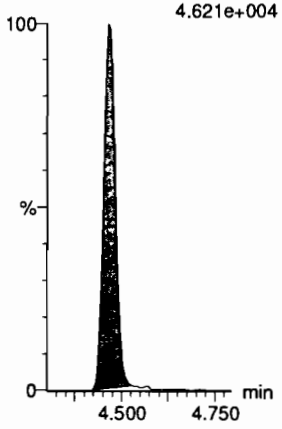
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.237e+005



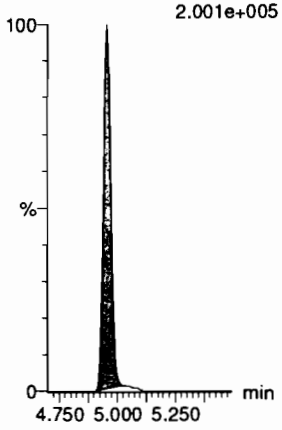
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
7.973e+004



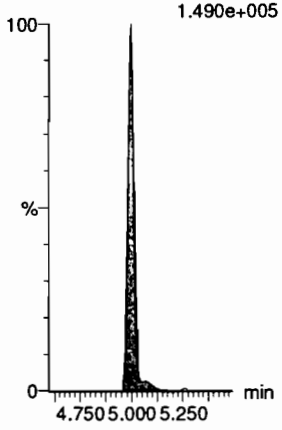
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.621e+004



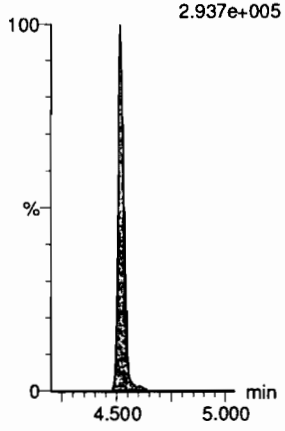
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.001e+005



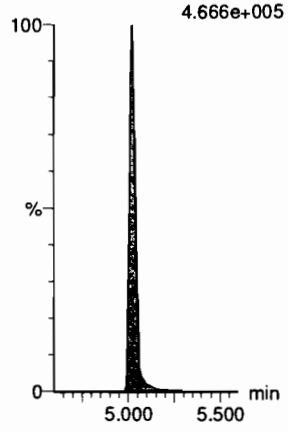
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.490e+005



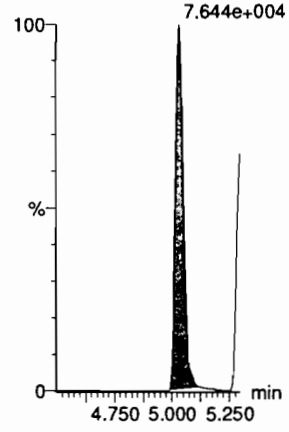
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.937e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
4.666e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
7.644e+004

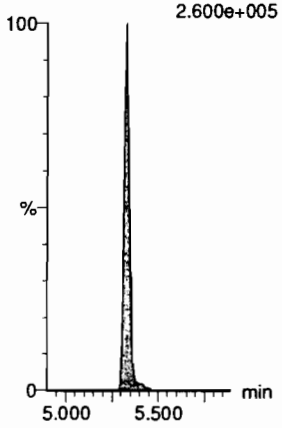


Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

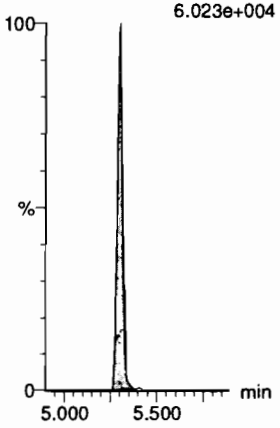
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

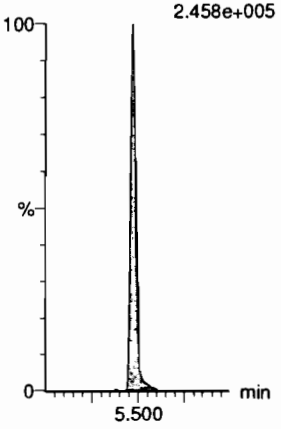
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
2.600e+005



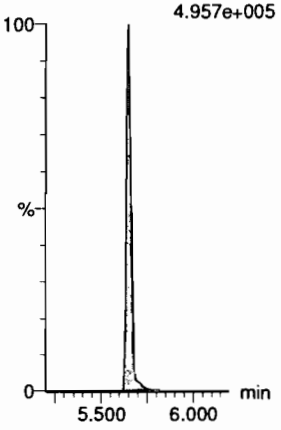
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.023e+004



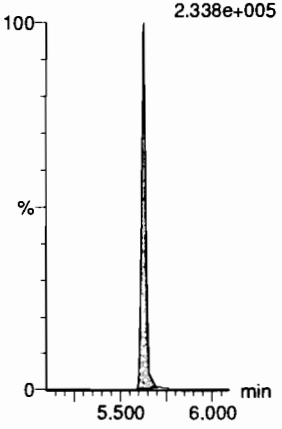
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.458e+005



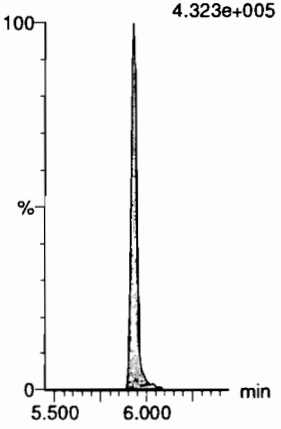
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.957e+005



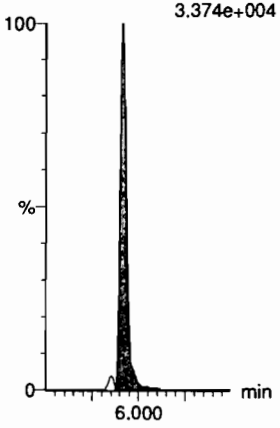
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.338e+005



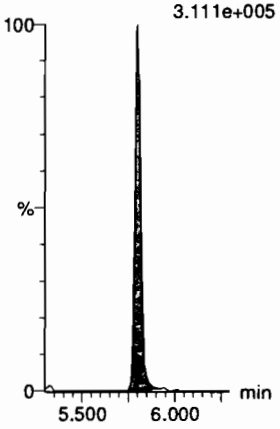
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
4.323e+005



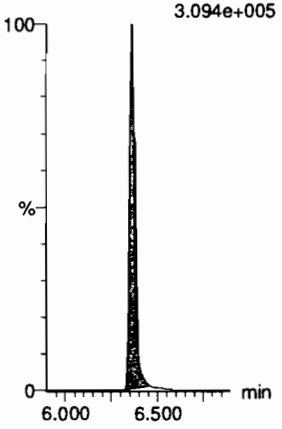
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.374e+004



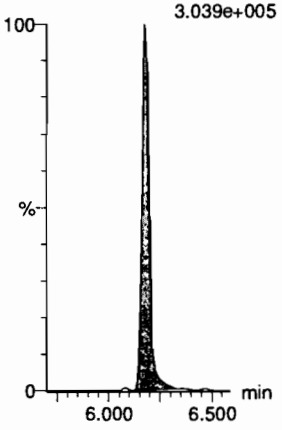
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.111e+005



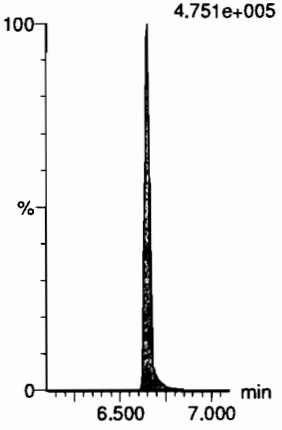
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.094e+005



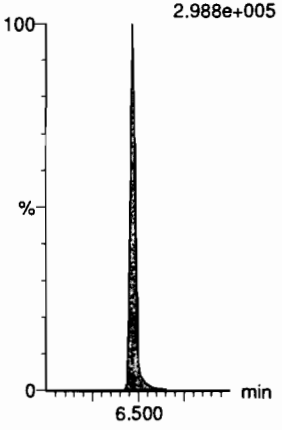
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
3.039e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
4.751e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
2.988e+005



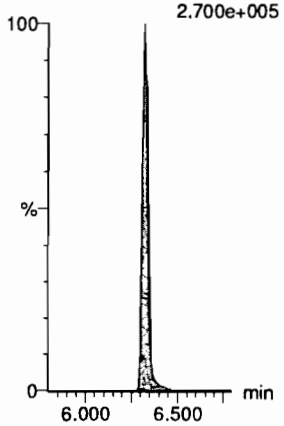
Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-CRV.qld

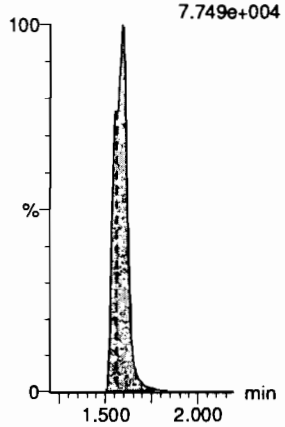
Last Altered: Wednesday, July 01, 2020 09:18:23 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 09:21:05 Pacific Daylight Time

Name: 200630M1_12, Date: 30-Jun-2020, Time: 17:17:41, ID: ST200630M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

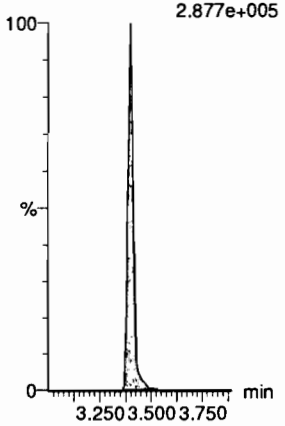
d7-N-MeFOSE-RSD



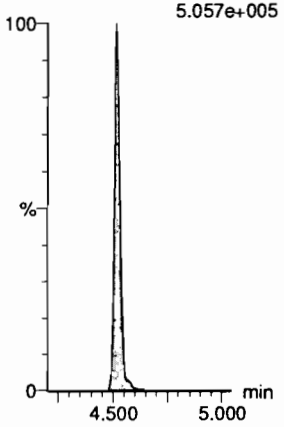
13C4-PFBA



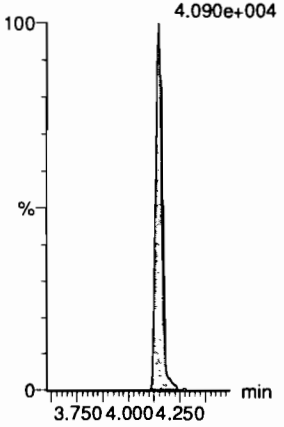
13C5-PFHxA



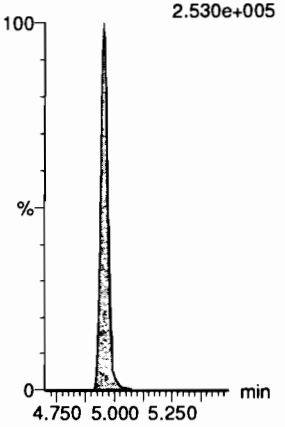
13C8-PFOA



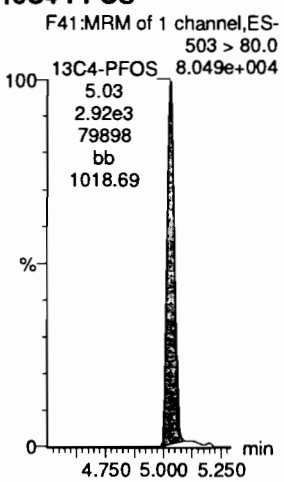
18O2-PFHxS



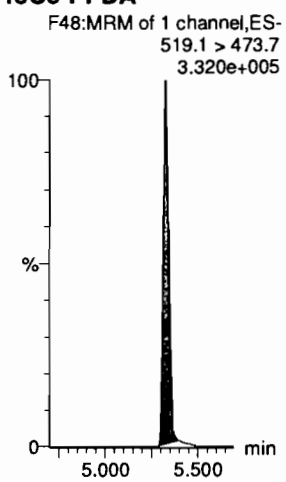
13C9-PFNA



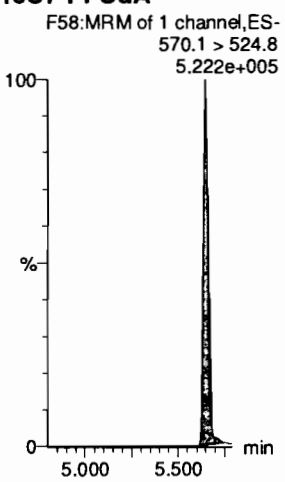
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:04:22 Pacific Daylight Time

Ⓐ Not in ICV

JQN 07/01/20 BB 07/01/20

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	5635.674	4682.264	1.00	1.60	15.045	10.000	9.88	98.8	NO		
2	2	PFPrS	248.9 > 79.9		1485.731	1.00			10.000		Ⓐ	NO		
3	3	3:3 FTCA	241.1 > 177.0		5737.612	1.00			10.000		↓	NO		
4	4	PFPeA	263.1 > 218.9	4165.317	5737.612	1.00	2.59	9.075	10.000	9.62	96.2	NO		
5	5	PFBS	299.0 > 79.7	1940.165	1485.731	1.00	2.88	16.323	8.840	8.14	92.1	NO	2.656	NO
6	6	4:2 FTS	327.0 > 306.9	4728.521	2411.542	1.00	3.32	24.510	9.360	9.20	98.2	NO	1.949	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	4682.264		1.00	1.60	4682.264	12.500	12.6	100.8	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1485.731		1.00	2.88	1485.731	12.500	13.7	109.7	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	5737.612		1.00	2.59	5737.612	12.500	13.0	104.3	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	5737.612		1.00	2.59	5737.612	12.500	13.0	104.3	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1485.731		1.00	2.88	1485.731	12.500	13.7	109.7	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2411.542		1.00	3.32	2411.542	12.500	12.7	101.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	9059.896	9750.432	1.00	3.40	11.615	10.000	10.2	102.0	NO	15.483	NO
15	8	PFPeS	349.0 > 80.0	2505.035	1485.731	1.00	3.58	21.076	9.360	9.60	102.6	NO	1.753	NO
16	9	HFPO-DA	285.1 > 168.9	568.745	920.833	1.00	3.61	7.721	10.000	8.87	88.7	NO	1.890	NO
17	10	5:3 FTCA	340.9 > 236.9		22665.625	1.00			10.000		Ⓐ	NO		
18	11	PFHpA	363.0 > 318.9	5300.658	5489.359	1.00	4.01	12.070	10.000	9.72	97.2	NO	7.890	NO
19	12	ADONA	376.8 > 250.9	23484.836	5489.359	1.00	4.11	53.478	9.440	9.76	103.4	NO	3.530	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9750.432		1.00	3.40	9750.432	12.500	12.6	100.6	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1485.731		1.00	2.88	1485.731	12.500	13.7	109.7	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	920.833		1.00	3.61	920.833	12.500	13.0	103.9	NO		
23	71	13C2-FOUEA-EIS	459>394	22665.625		1.00	5.02	22665.625	12.500	12.4	98.8	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5489.359		1.00	4.00	5489.359	12.500	12.2	97.6	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5489.359		1.00	4.00	5489.359	12.500	12.2	97.6	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2324.809	3265.962	1.00	4.15	8.898	9.120	8.42	92.3	NO	1.722	NO
28	15	6:2 FTS	427 > 407.0	4158.190	1864.467	1.00	4.47	27.878	9.480	9.44	99.5	NO	2.184	NO
29	16	L-PFOA	412.8 > 368.9	15398.404	12442.966	1.00	4.52	15.469	10.000	9.96	99.6	NO	3.852	NO
30	18	PFecHS	460.8 > 381.0		12442.966	1.00			10.000		Ⓐ	NO		
31	19	PFHpS	448.9 > 80.0	2457.987	3610.397	1.00	4.63	8.510	9.520	9.46	99.3	NO	1.740	NO
32	20	7:3 FTCA	441.0 > 337.0		22665.625	1.00			10.000		Ⓐ	NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3265.962		1.00	4.15	3265.962	12.500	12.9	103.0	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1864.467		1.00	4.47	1864.467	12.500	16.5	132.2	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12442.966		1.00	4.52	12442.966	12.500	12.1	96.4	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12442.966		1.00	4.52	12442.966	12.500	12.1	96.4	NO		

FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:04:22 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3610.397		1.00	5.03	3610.397	12.500	14.3	114.0	NO		
38	71	13C2-FOUEA-EIS	459>394	22665.625		1.00	5.02	22665.625	12.500	12.4	98.8	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	10509.523	9199.892	1.00	4.95	14.279	10.000	9.93	99.3	NO	3.588	NO
41	22	PFOSA	498.0 > 78.0	4786.135	6756.638	1.00	5.00	8.855	10.000	9.69	96.9	NO	27.638	NO
42	23	L-PFOS	499 > 80	2827.769	3610.397	1.00	5.03	9.790	9.280	9.93	107.0	NO	2.325	NO
43	25	9Cl-PF30NS	531 > 351.0	10205.521	3610.397	1.00	5.24	35.334	9.320	9.48	101.7	NO	18.769	NO
44	26	PFDA	513 > 468.8	13820.902	10699.494	1.00	5.33	16.147	10.000	9.81	98.1	NO	5.233	NO
45	27	8:2 FTS	526.9 > 507.0	4218.201	2393.297	1.00	5.30	22.031	9.600	9.29	96.8	NO	1.572	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	9199.892		1.00	4.95	9199.892	12.500	11.8	94.3	NO		
47	67	13C8-PFOSA-EIS	506. > 78	6756.638		1.00	4.99	6756.638	12.500	13.0	104.3	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3610.397		1.00	5.03	3610.397	12.500	14.3	114.0	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3610.397		1.00	5.03	3610.397	12.500	14.3	114.0	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	10699.494		1.00	5.33	10699.494	12.500	12.4	99.2	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2393.297		1.00	5.30	2393.297	12.500	11.9	95.5	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	3054.992	3610.397	1.00	5.39	10.577	9.600	9.63	100.3	NO	1.559	NO
54	29	L-MeFOSAA	570 > 419	6758.928	10040.493	1.00	5.47	8.415	10.000	9.85	98.5	NO	2.711	NO
55	31	L-EtFOSAA	583.9 > 419	6960.194	8333.670	1.00	5.63	10.440	10.000	9.78	97.8	NO	1.334	NO
56	33	PFUdA	563.0 > 518.9	13549.516	18836.170	1.00	5.65	8.992	10.000	9.98	99.8	NO	7.358	NO
57	34	PFDS	599.0 > 80.0	2333.427	3610.397	1.00	5.69	8.079	9.640	9.49	98.5	NO	1.403	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	8704.106	20551.191	1.00	5.85	5.294	9.440	8.09	85.7	NO	15.716	NO
59	73	13C8-PFOS-EIS	507.0 > 80	3610.397		1.00	5.03	3610.397	12.500	14.3	114.0	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	10040.493		1.00	5.47	10040.493	12.500	13.0	103.9	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	8333.670		1.00	5.62	8333.670	12.500	12.2	97.9	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	18836.170		1.00	5.65	18836.170	12.500	13.4	107.1	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3610.397		1.00	5.03	3610.397	12.500	14.3	114.0	NO		
64	85	13C2-PFDoA-EIS	615 > 570	20551.191		1.00	5.93	20551.191	12.500	12.7	101.5	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		1695.021	1.00			10.000		(A)	NO		
67	37	PFDoA	612.9 > 569.0	18249.639	20551.191	1.00	5.93	11.100	10.000	10.3	103.5	NO	8.057	NO
68	38	N-MeFOSA	512.1 > 168.9		13110.691	1.00			9.600		(A)	NO		
69	39	PFTrDA	662.9 > 618.9	15539.063	20551.191	1.00	6.16	9.451	10.000	8.99	89.9	NO	8.274	NO
70	40	PFDoS	698.9 > 80		13111.265	1.00			10.000		(A)	NO		
71	41	PFTeDA	713.0 > 669.0	16648.842	13111.265	1.00	6.36	15.873	10.000	10.8	107.7	NO	14.636	NO
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1695.021		1.00	5.91	1695.021	12.500	11.2	89.5	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
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Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	20551.191		1.00	5.93	20551.191	12.500	12.7	101.5	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	13110.691		1.00	5.80	13110.691	149.200	155	103.8	NO		
75	85	13C2-PFDoA-EIS	615 > 570	20551.191		1.00	5.93	20551.191	12.500	12.7	101.5	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	13111.265		1.00	6.36	13111.265	12.500	12.1	97.0	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	13111.265		1.00	6.36	13111.265	12.500	12.1	97.0	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		17698.336	1.00			9.600			NO		
80	43	PFHxDA	813.1 > 768.6		18923.762	1.00			10.000			NO		
81	44	PFODA	913.1 > 868.8		18923.762	1.00			10.000			NO		
82	45	N-MeFOSE	616.1 > 58.9		9962.746	1.00			9.600			NO		
83	46	N-EtFOSE	630.1 > 58.9		10566.988	1.00			9.600			NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4679.520	6960.054	1.00	1.60	8.404	12.500	12.6	100.5	NO		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	17698.336		1.00	6.18	17698.336	149.200	147	98.6	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	18923.762		1.00	6.64	18923.762	12.500	12.4	99.1	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	18923.762		1.00	6.64	18923.762	12.500	12.4	99.1	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	9962.746		1.00	6.32	9962.746	149.200	140	94.0	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	10566.988		1.00	6.47	10566.988	149.200	142	95.3	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	5736.176	12905.828	1.00	2.59	5.556	12.500	12.0	96.3	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1485.675	1645.105	1.00	2.88	11.289	12.500	14.6	116.9	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	920.833	12905.828	1.00	3.61	0.892	12.500	11.3	90.5	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	2410.997	1645.105	1.00	3.32	18.319	12.500	14.8	118.3	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	9748.421	12905.828	1.00	3.40	9.442	12.500	11.7	93.6	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5489.359	12905.828	1.00	4.00	5.317	12.500	11.4	91.3	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3265.962	1645.105	1.00	4.15	24.816	12.500	14.0	111.7	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1864.467	3469.497	1.00	4.47	6.717	12.500	12.9	103.1	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	9199.892	10949.541	1.00	4.95	10.503	12.500	11.8	94.7	NO		
100	68	13C8-PFOSA-RSD	506. > 78	6756.638	21152.045	1.00	4.99	3.993	12.500	14.1	113.1	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	12442.966	20966.125	1.00	4.52	7.418	12.500	12.0	95.7	NO		
102	72	13C2-FOUEA-RSD	459>394	22665.625	20966.125	1.00	5.02	13.513	12.500	12.5	99.7	NO		
103	74	13C8-PFOS-RSD	507.0 > 80	3610.397	3469.497	1.00	5.03	13.008	12.500	12.7	101.7	NO		
104	-1													
105	76	13C2-PFDA-RSD	515.1 > 469.9	10699.494	15301.299	1.00	5.33	8.741	12.500	11.7	93.6	NO		
106	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2390.320	3469.497	1.00	5.30	8.612	12.500	13.7	109.3	NO		
107	80	d3-N-MeFOSAA-RSD	573. > 419	10040.493	21152.045	1.00	5.47	5.934	12.500	12.1	96.4	NO		
108	82	13C2-PFUdA-RSD	565 > 519.8	18809.650	21152.045	1.00	5.65	11.116	12.500	12.7	101.3	NO		

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Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
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Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	d5-N-EtFOSAA-RSD	589. > 419	8333.670	21152.045	1.00	5.62	4.925	12.500	11.9	95.6	NO		
110	86	13C2-PFDoA-RSD	615 > 570	20582.898	15301.299	1.00	5.93	16.815	12.500	12.5	99.8	NO		
111	88	13C2-10:2 FTS-RSD	633 > 79.9	1695.021	3469.497	1.00	5.91	6.107	12.500	12.3	98.2	NO		
112	90	d3-N-MeFOSA-RSD	515.2 > 168.9	13092.562	21152.045	1.00	5.80	7.737	149.200	154	103.3	NO		
113	92	13C2-PFTeDA-RSD	715.1 > 669.7	13111.265	21152.045	1.00	6.36	7.748	12.500	11.8	94.1	NO		
114	94	d5-N-ETFOSA-RSD	531.1 > 168.9	17698.336	21152.045	1.00	6.18	10.459	149.200	154	103.4	NO		
115	96	13C2-PFHxDA-RSD	815 > 769.7	18911.984	21152.045	1.00	6.64	11.176	12.500	11.7	94.0	NO		
116	98	d7-N-MeFOSE-RSD	623.1 > 58.9	9955.271	21152.045	1.00	6.32	5.883	149.200	148	99.2	NO		
117	-1													
118	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10566.988	21152.045	1.00	6.47	6.245	149.200	145	97.2	NO		
119	1...	13C4-PFBA	217.0 > 172.0	6960.054	6960.054	1.00	1.60	12.500	12.500	12.5	100.0	NO		
120	1...	13C5-PFHxA	318.0 > 272.9	12905.828	12905.828	1.00	3.40	12.500	12.500	12.5	100.0	NO		
121	1...	13C8-PFOA	420.9 > 376.0	20966.125	20966.125	1.00	4.52	12.500	12.500	12.5	100.0	NO		
122	1...	18O2-PFHxS	403.0 > 103.0	1645.105	1645.105	1.00	4.14	12.500	12.500	12.5	100.0	NO		
123	1...	13C9-PFNA	472.2 > 426.9	10949.541	10949.541	1.00	4.96	12.500	12.500	12.5	100.0	NO		
124	1...	13C4-PFOS	503 > 80.0	3469.497	3469.497	1.00	5.03	12.500	12.500	12.5	100.0	NO		
125	1...	13C6-PFDA	519.1 > 473.7	15301.299	15301.299	1.00	5.33	12.500	12.500	12.5	100.0	NO		
126	1...	13C7-PFUdA	570.1 > 524.8	21152.045	21152.045	1.00	5.65	12.500	12.500	12.5	100.0	NO		

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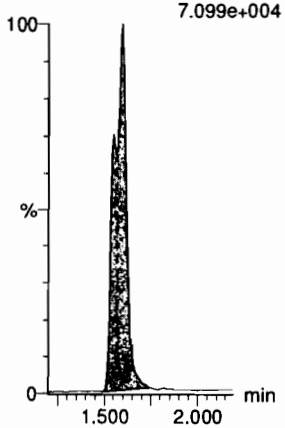
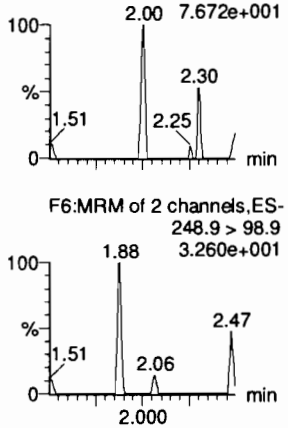
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_063020_ICV.mdb 01 Jul 2020 10:54:27
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

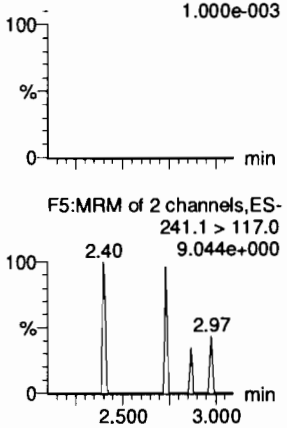
PFBA



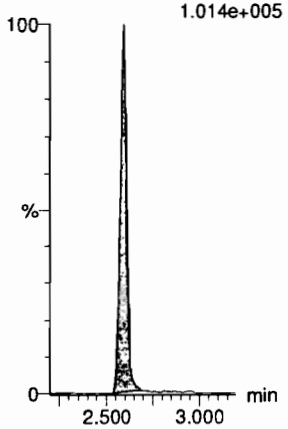
PFPrS



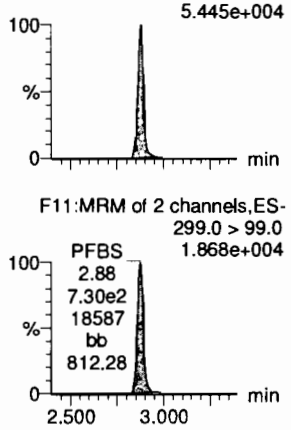
3:3 FTCA



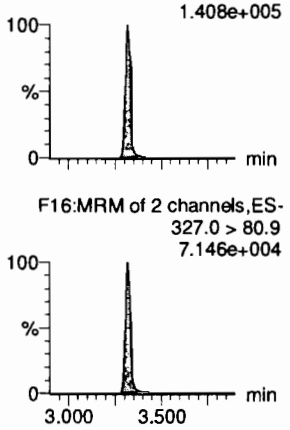
PFPeA



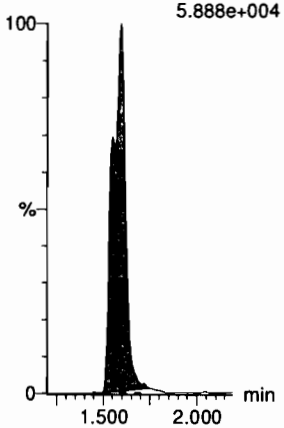
PFBS



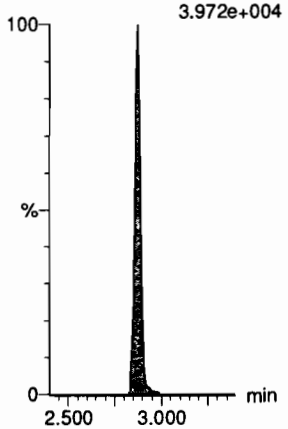
4:2 FTS



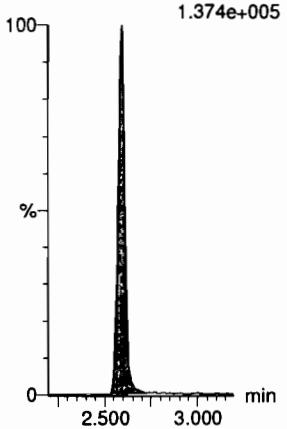
13C3-PFBA-EIS



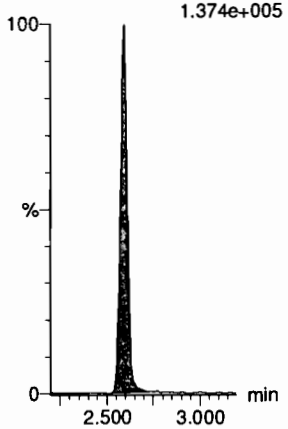
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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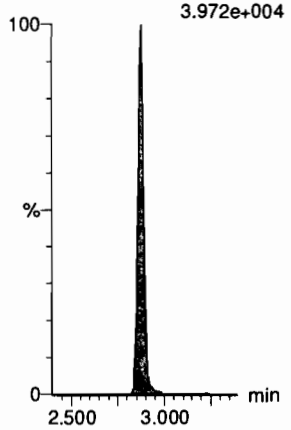
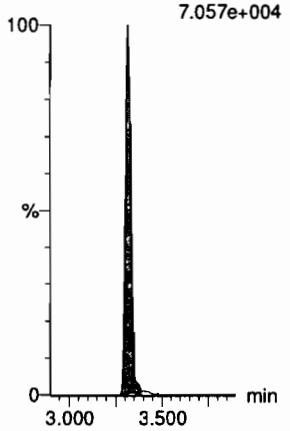


13C2-4:2 FTS-EIS



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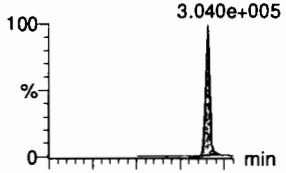
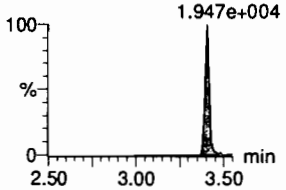
Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:33:04 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

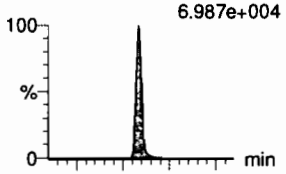
PFHxA
F13:MRM of 2 channels,ES-
313.0 > 269.0
3.040e+005



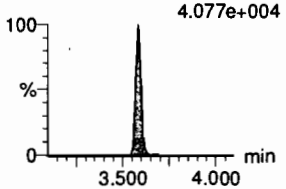
F13:MRM of 2 channels,ES-
313 > 118.9
1.947e+004



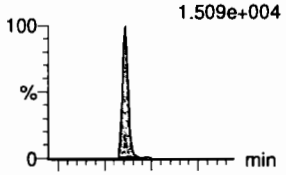
PFPeS
F19:MRM of 2 channels,ES-
349.0 > 80.0
6.987e+004



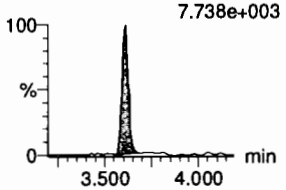
F19:MRM of 2 channels,ES-
349.0 > 99.0
4.077e+004



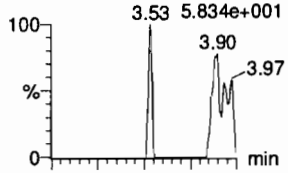
HFPO-DA
F9:MRM of 2 channels,ES-
285.1 > 168.9
1.509e+004



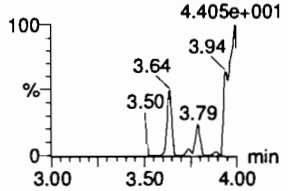
F9:MRM of 2 channels,ES-
285.1 > 185.0
7.738e+003



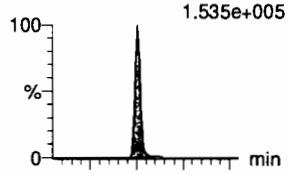
5:3 FTCA
F18:MRM of 2 channels,ES-
340.9 > 236.9
3.53 5.834e+001



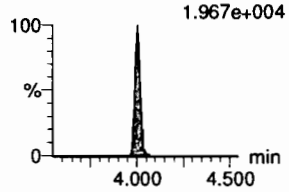
F18:MRM of 2 channels,ES-
340.9 > 216.9
4.405e+001



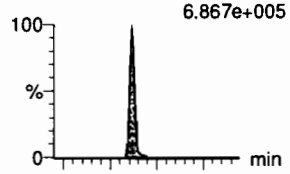
PFHpA
F20:MRM of 2 channels,ES-
363.0 > 318.9
1.535e+005



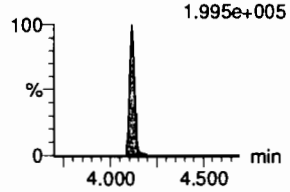
F20:MRM of 2 channels,ES-
363.0 > 169.0
1.967e+004



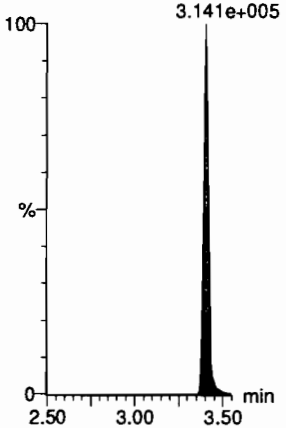
ADONA
F22:MRM of 2 channels,ES-
376.8 > 250.9
6.867e+005



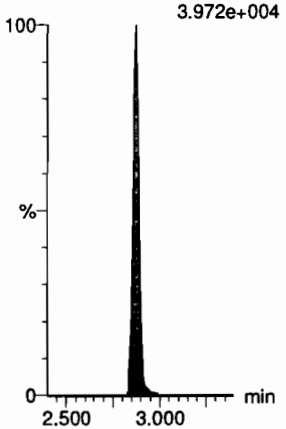
F22:MRM of 2 channels,ES-
376.8 > 85.0
1.995e+005



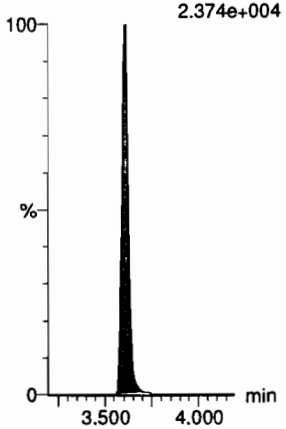
13C2-PFHxA-EIS
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.141e+005



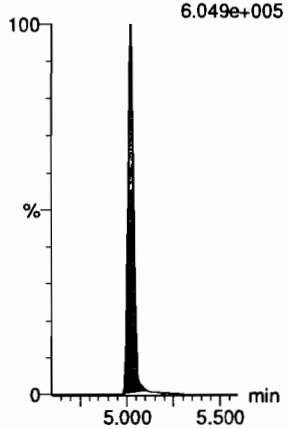
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.972e+004



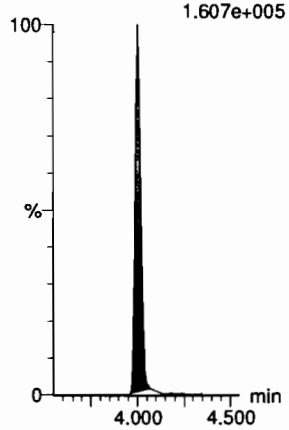
13C3-HFPO-DA-EIS
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.374e+004



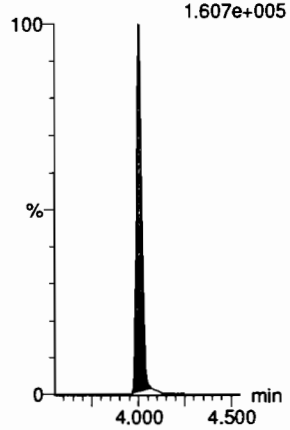
13C2-FOUEA-EIS
F33:MRM of 1 channel,ES-
459 > 394
6.049e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.607e+005



13C4-PFHpA-EIS
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.607e+005



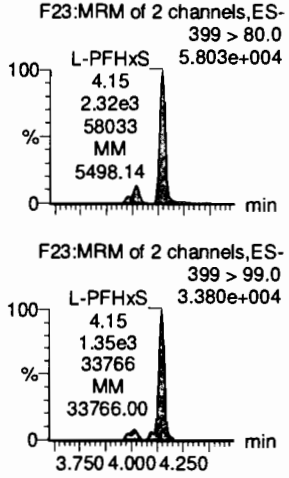
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

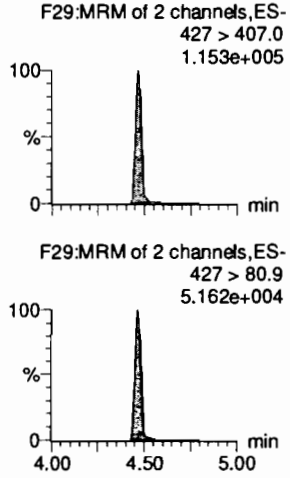
Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:33:04 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

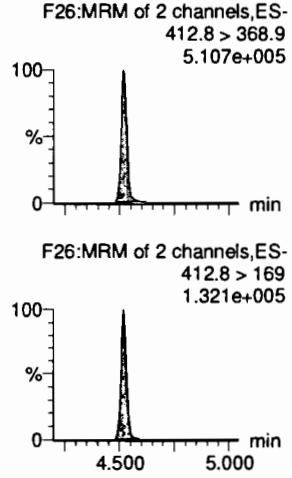
L-PFHxS



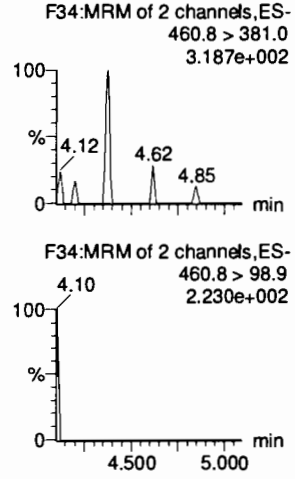
6:2 FTS



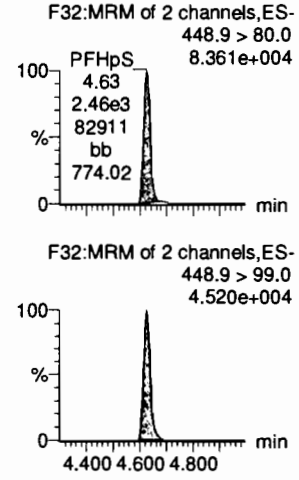
L-PFOA



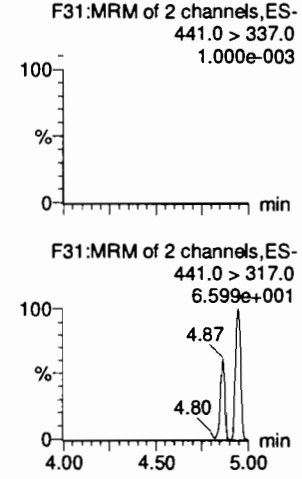
PFEChS



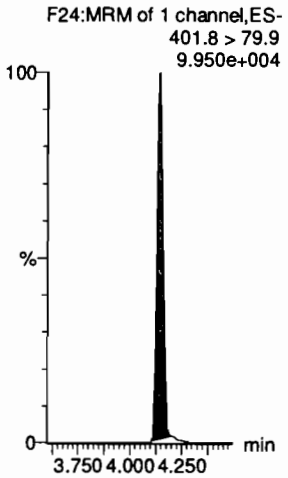
PFHpS



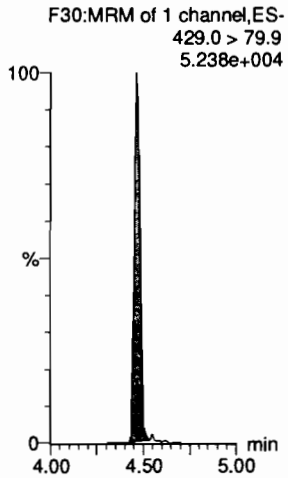
7:3 FTCA



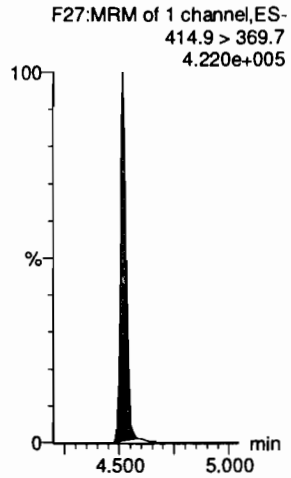
13C3-PFHxS-EIS



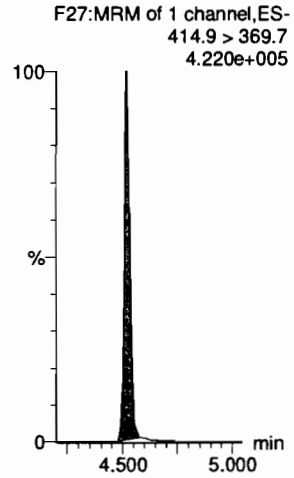
13C2-6:2 FTS-EIS



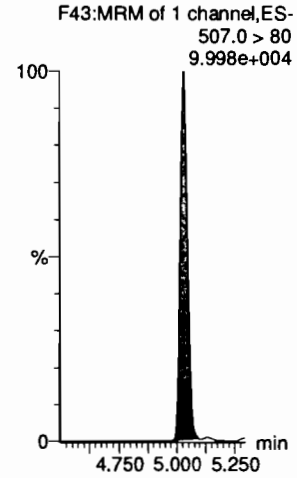
13C2-PFOA-EIS



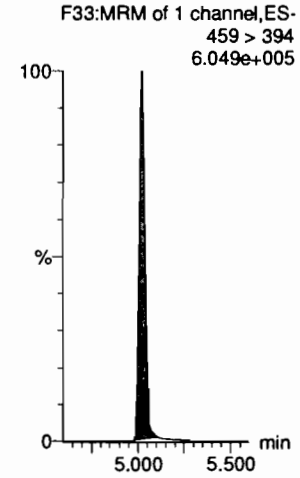
13C2-PFOA-EIS



13C8-PFOS-EIS



13C2-FOUEA-EIS



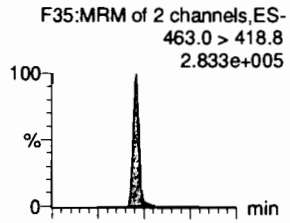
FBR 7/1/2020

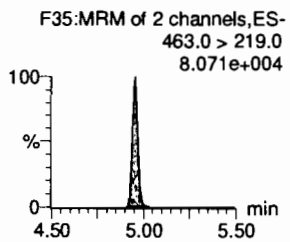
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:33:04 Pacific Daylight Time

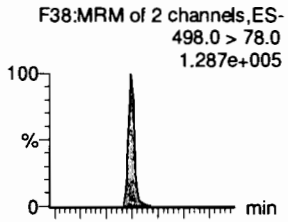
Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

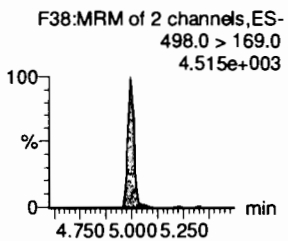
PFNA



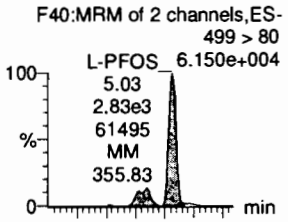


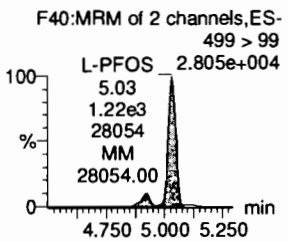
PFOSA



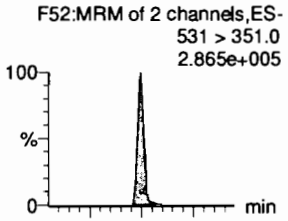


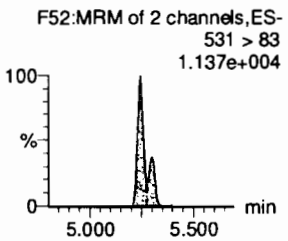
L-PFOS



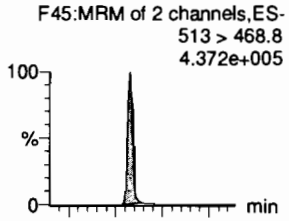


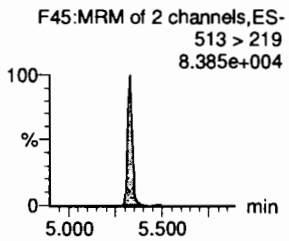
9Cl-PF30NS



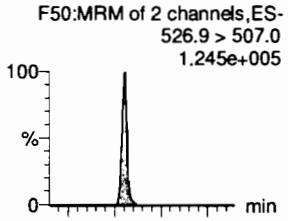


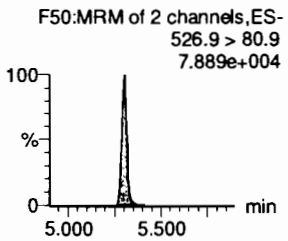
PFDA



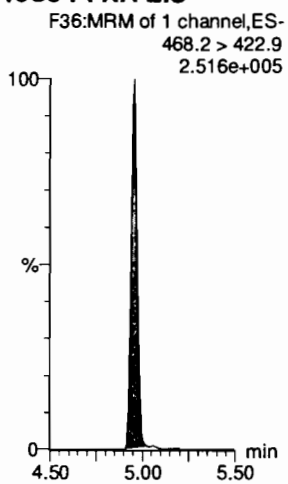


8:2 FTS

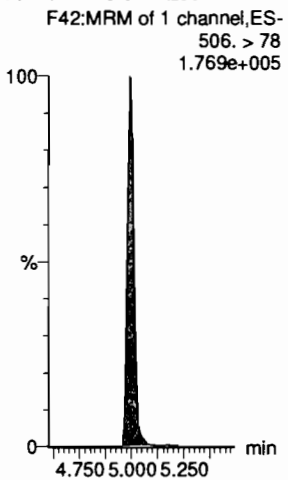




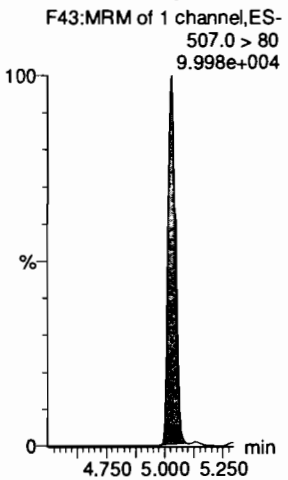
13C5-PFNA-EIS



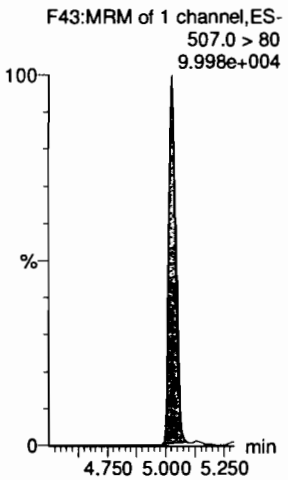
13C8-PFOSA-EIS



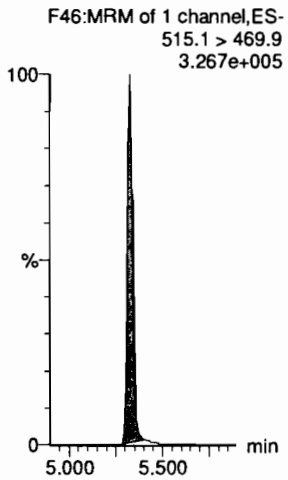
13C8-PFOS-EIS



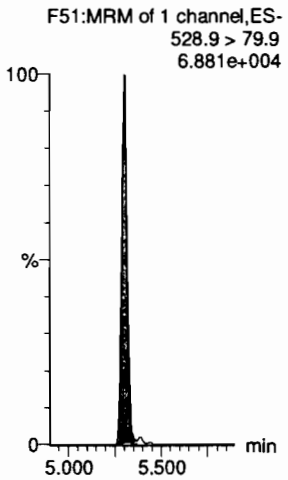
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



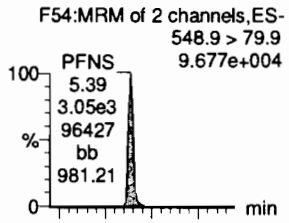
FBR 7/1/2020

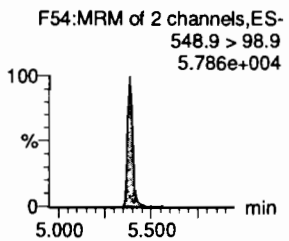
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:33:04 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

PFNS





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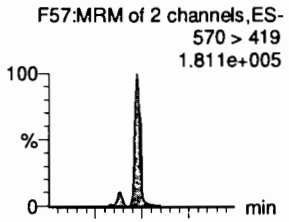
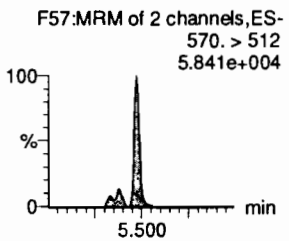
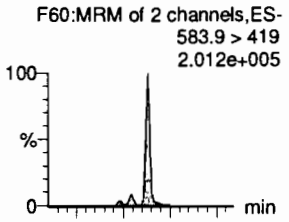
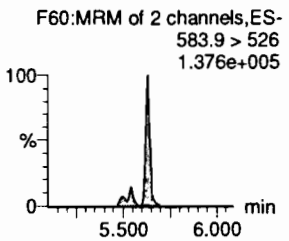


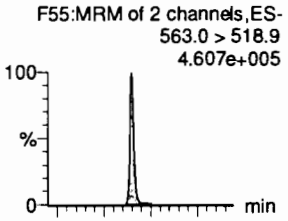


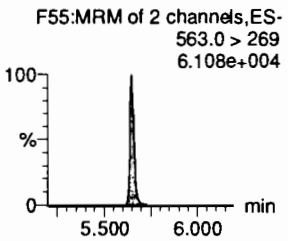
L-EtFOSAA



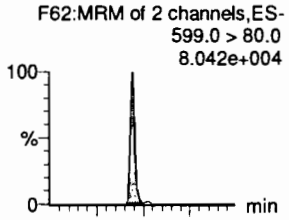


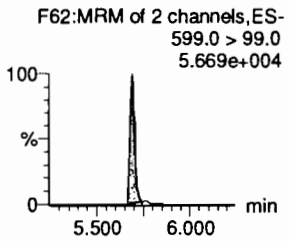
PFUdA





PFDS





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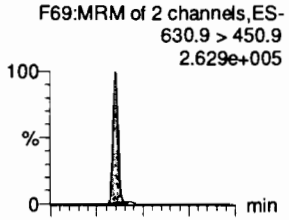
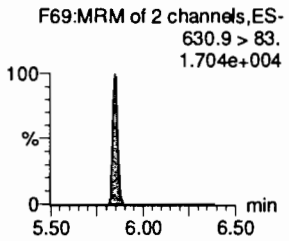
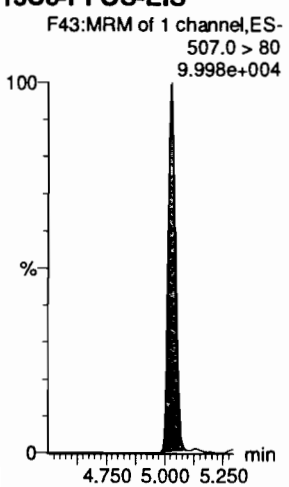
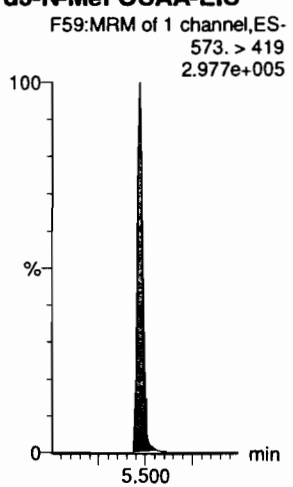




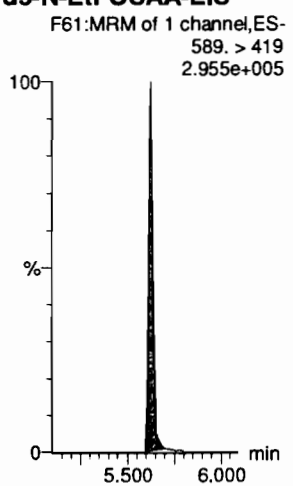
13C8-PFOS-EIS



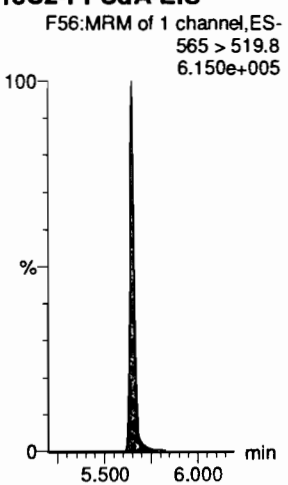
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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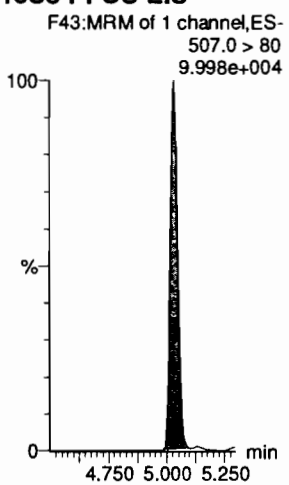
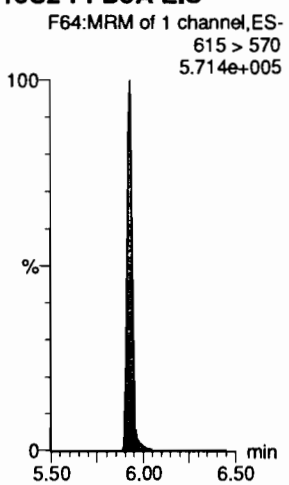


13C2-PFDoA-EIS



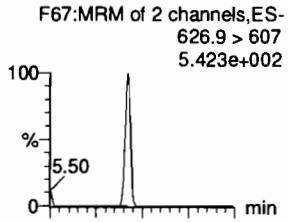
FBR 7/1/2020

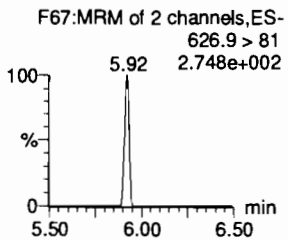
Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:33:04 Pacific Daylight Time

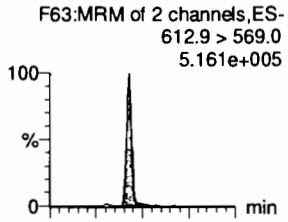
Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

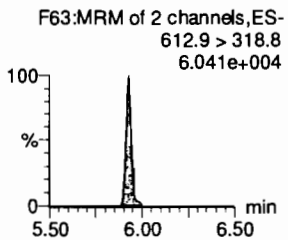
10:2 FTS



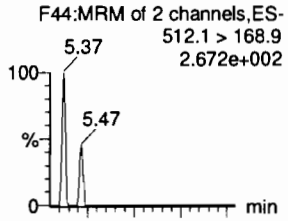


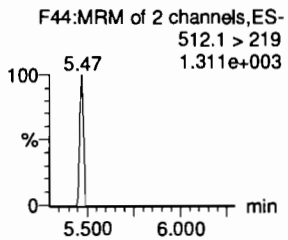
PFDoA





N-MeFOSA





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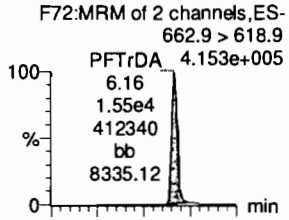
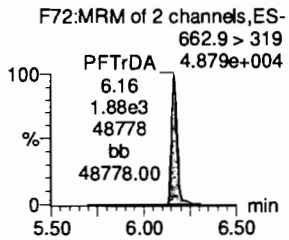
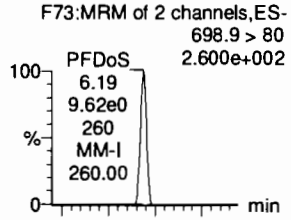
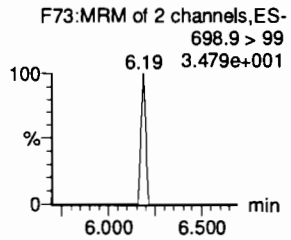




PFDoS





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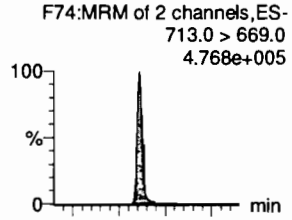
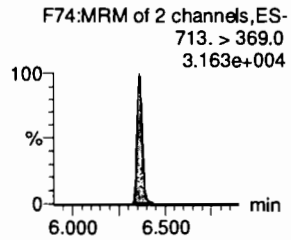
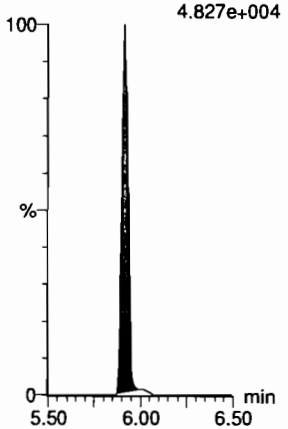
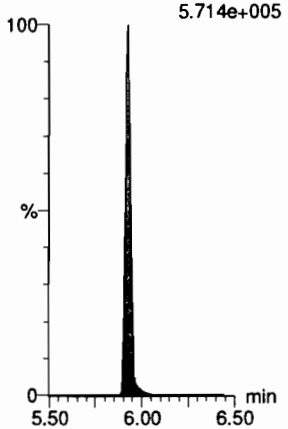




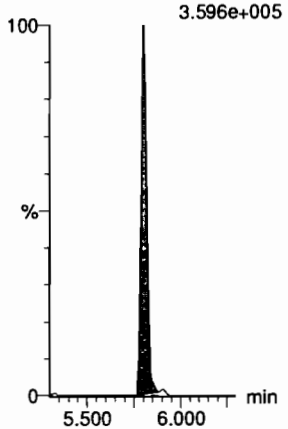
13C2-10:2 FTS-EIS



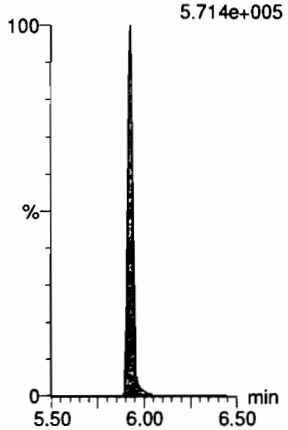
13C2-PFDoA-EIS



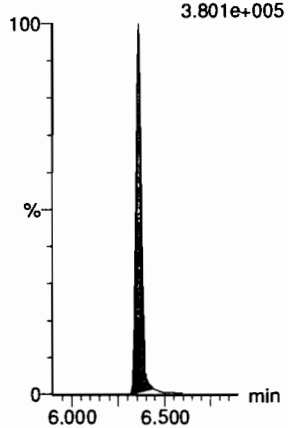
d3-N-MeFOSA-EIS



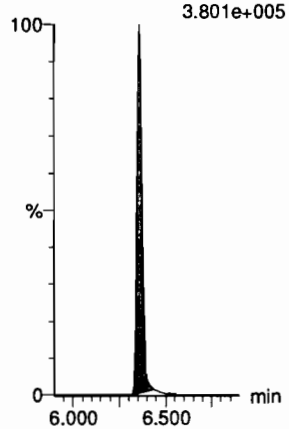
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:04:22 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

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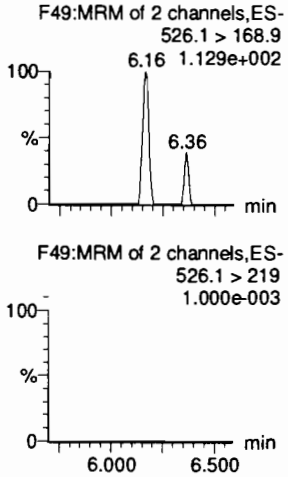
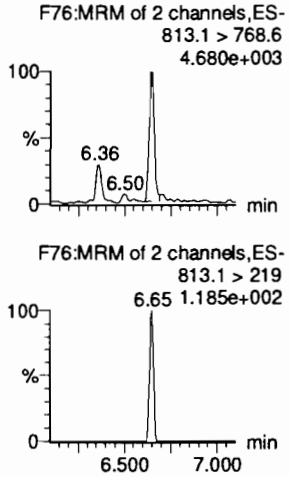
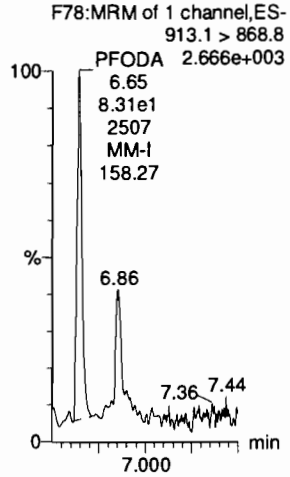


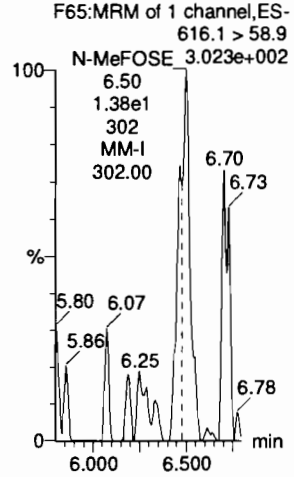
PFHxDA



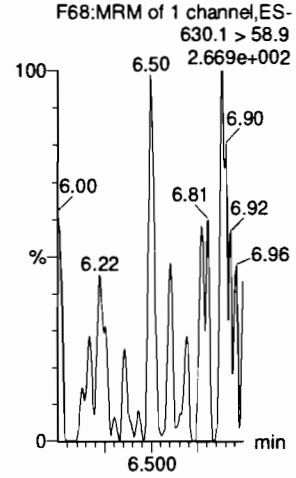
PFODA



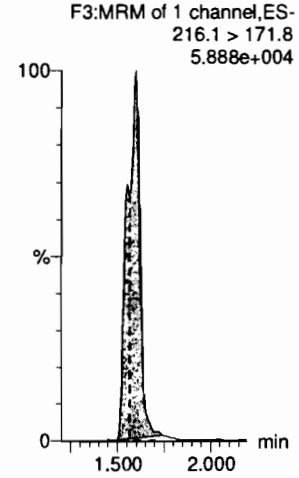
N-MeFOSE



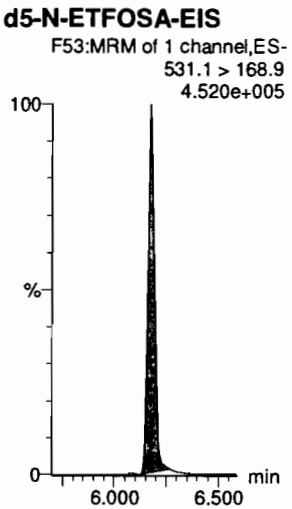
N-EtFOSE



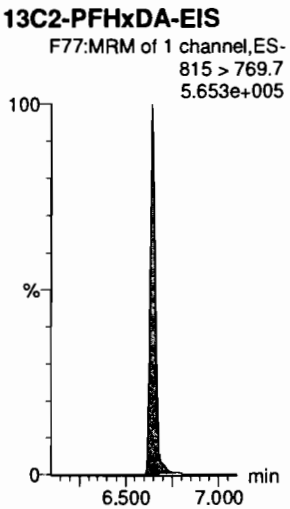
13C3-PFBA-RSD



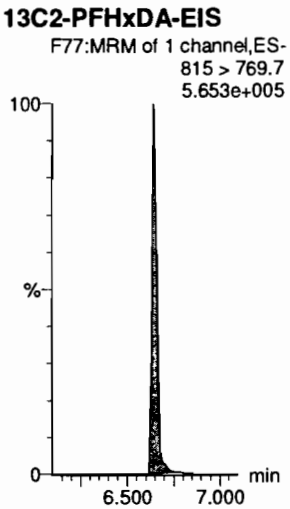
d5-N-ETFOSA-EIS



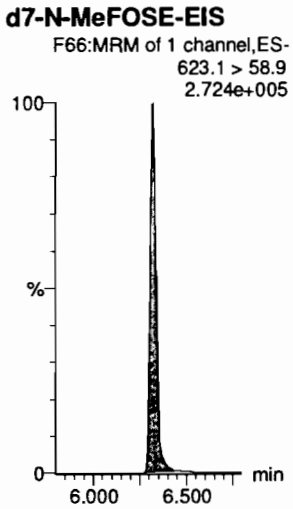
13C2-PFHxDA-EIS



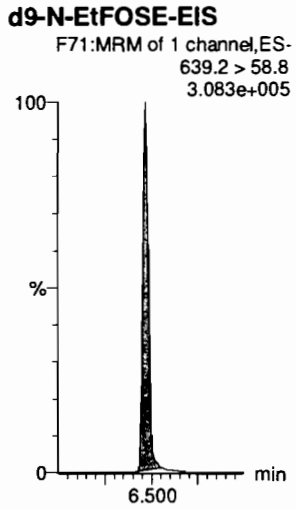
13C2-PFHxDA-EIS



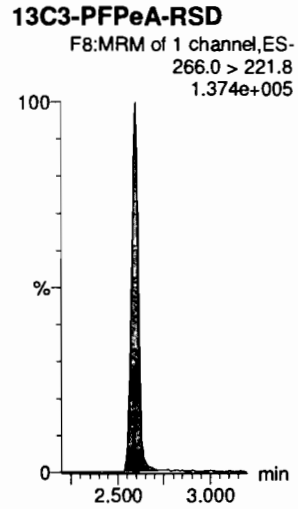
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



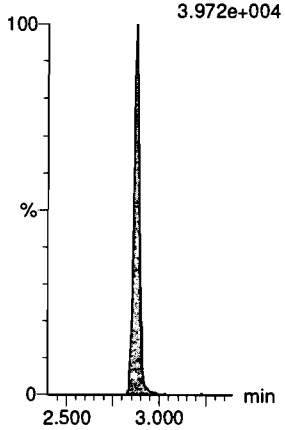
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

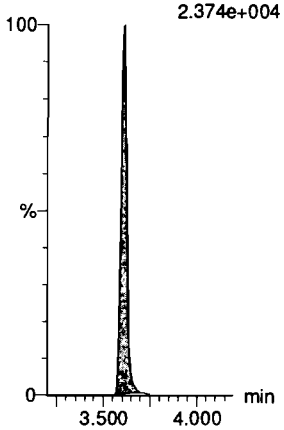
Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:33:04 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

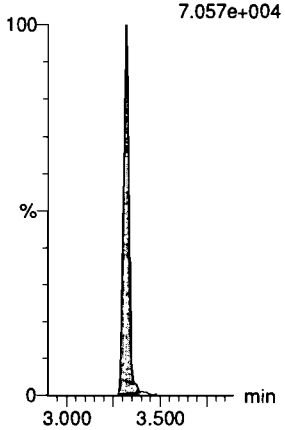
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.972e+004



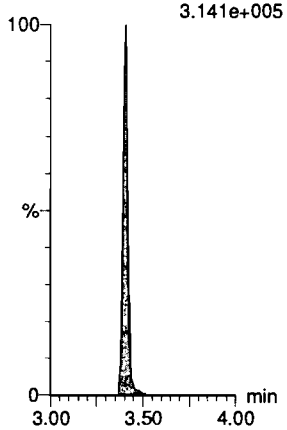
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.374e+004



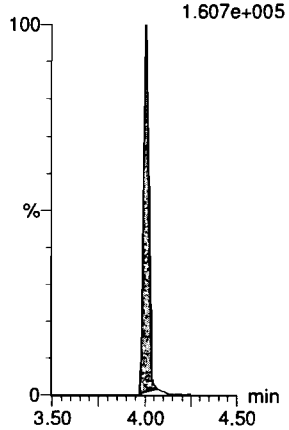
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.057e+004



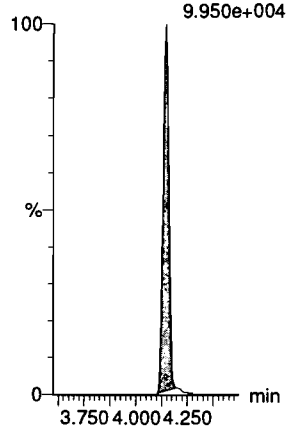
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.141e+005



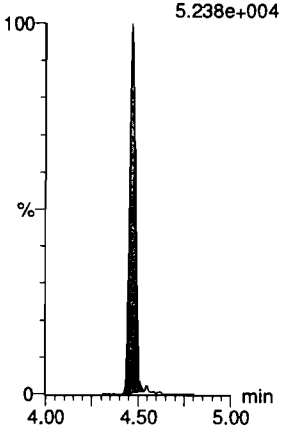
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.607e+005



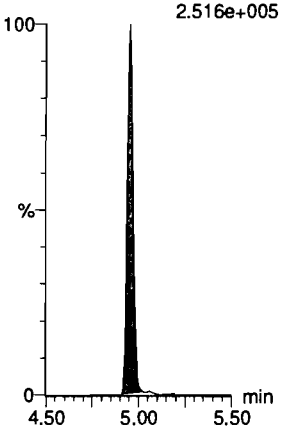
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.950e+004



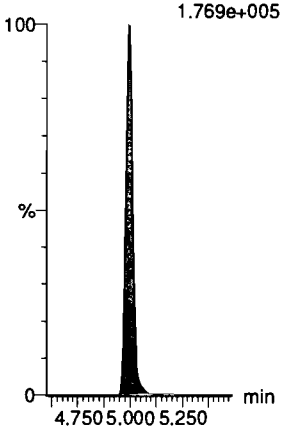
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.238e+004



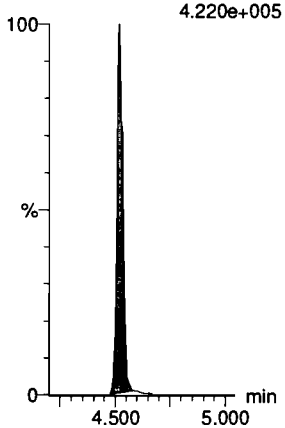
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
2.516e+005



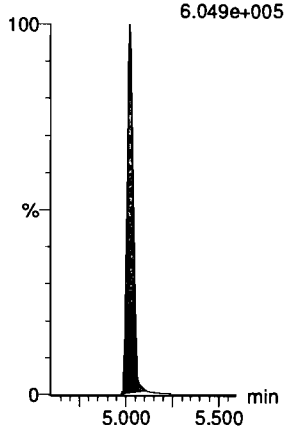
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.769e+005



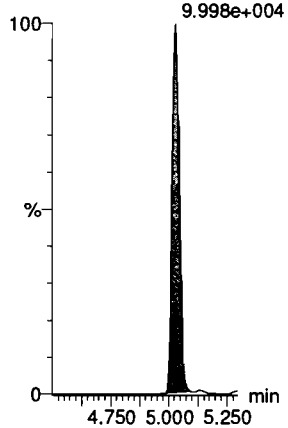
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.220e+005



13C2-FOUEA-RSD
F33:MRM of 1 channel,ES-
459 > 394
6.049e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.998e+004



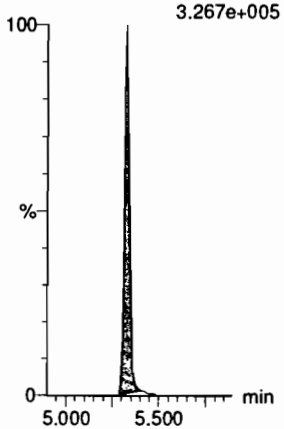
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

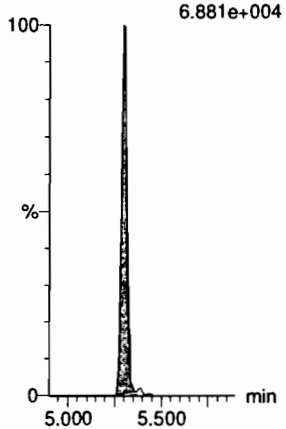
Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:33:04 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

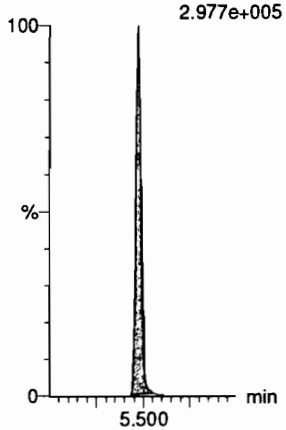
13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.267e+005



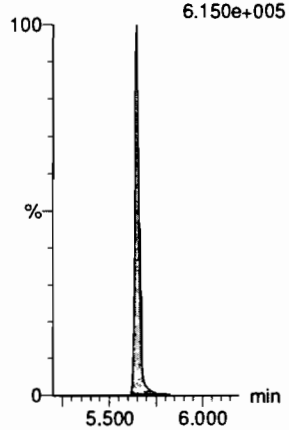
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.881e+004



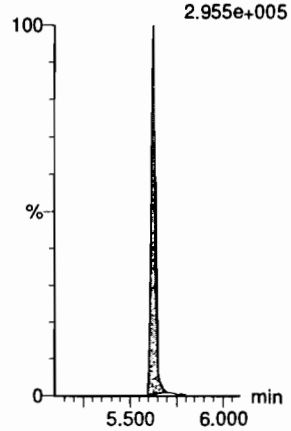
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.977e+005



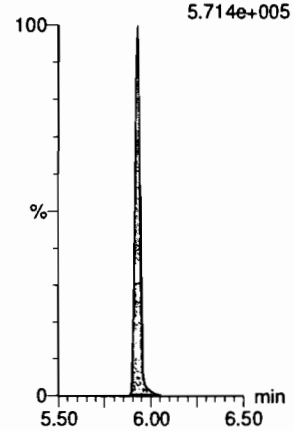
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.150e+005



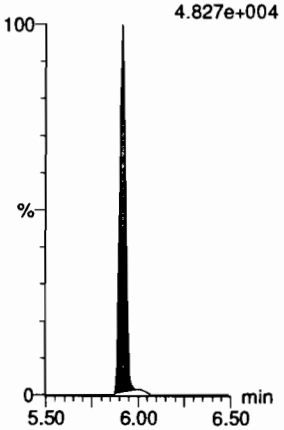
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.955e+005



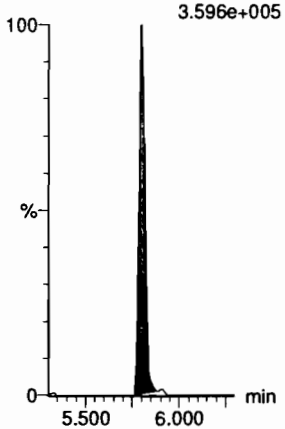
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.714e+005



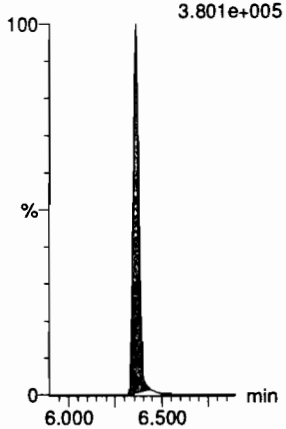
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.827e+004



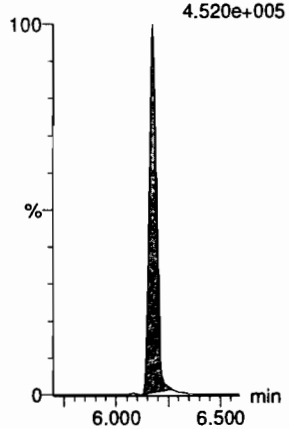
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.596e+005



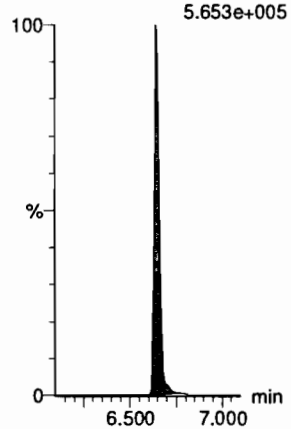
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.801e+005



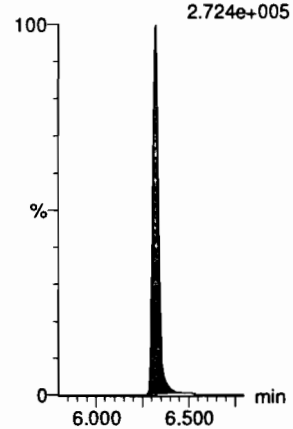
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
4.520e+005



13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
5.653e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.724e+005



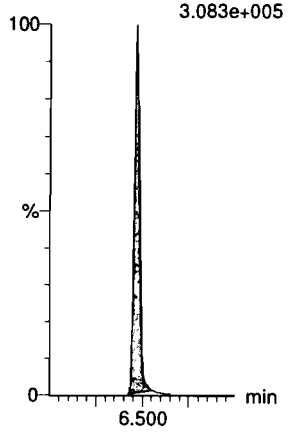
FBR 7/1/2020

Dataset: F:\Projects\PFAS.PRO\Results\200630M1\200630M1-ICV.qld

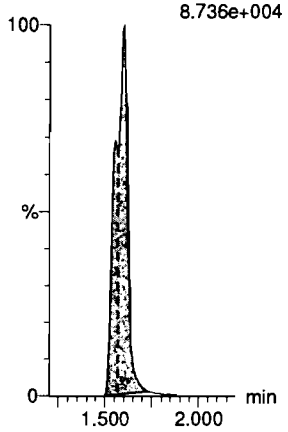
Last Altered: Wednesday, July 01, 2020 11:03:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 11:04:22 Pacific Daylight Time

Name: 200630M1_14, Date: 30-Jun-2020, Time: 17:38:26, ID: ICV200630M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

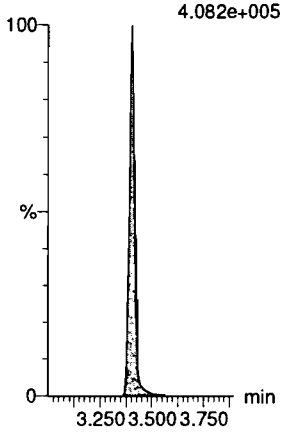
d9-N-EtFOSE-RSD



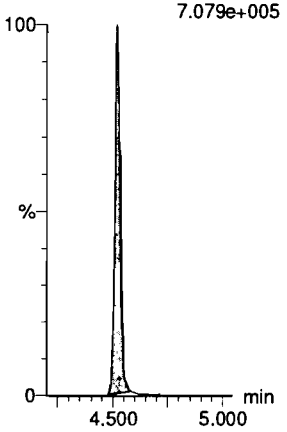
13C4-PFBA



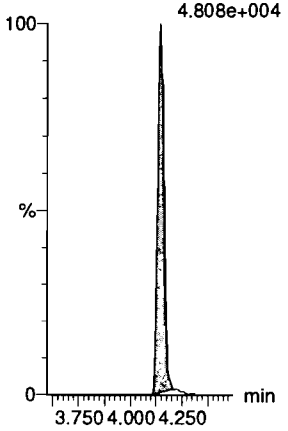
13C5-PFHxA



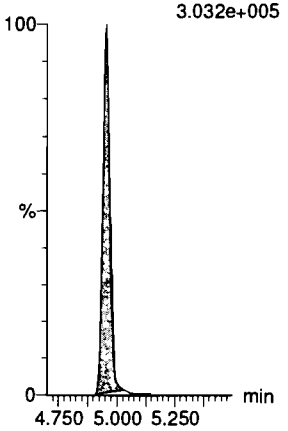
13C8-PFOA



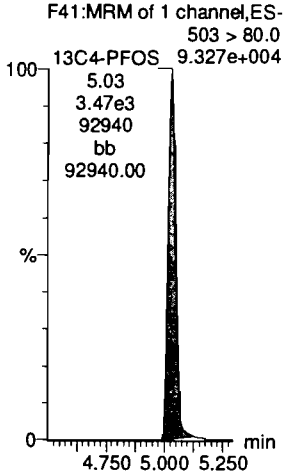
18O2-PFHxS



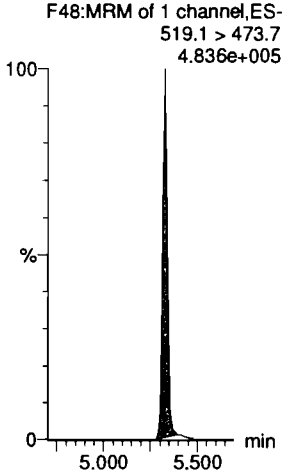
13C9-PFNA



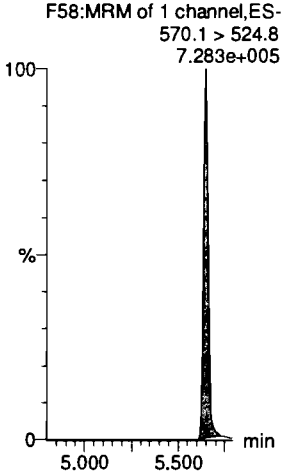
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 7/1/2020

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, July 01, 2020 12:20:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 12:20:59 Pacific Daylight Time

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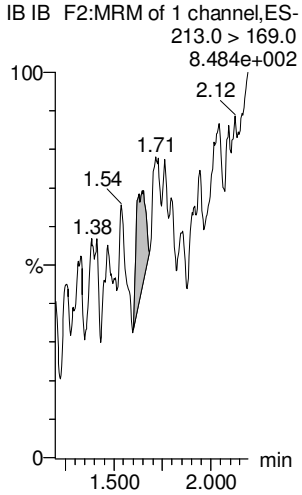
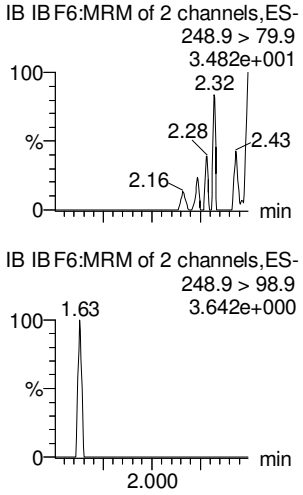
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-30-20.cdb 01 Jul 2020 10:24:41

Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

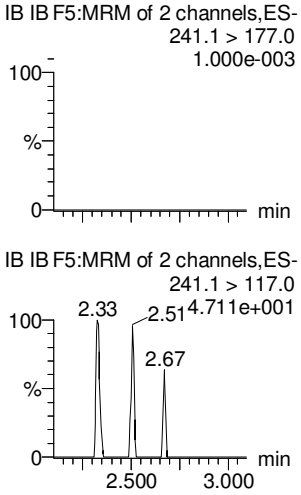
PFBA



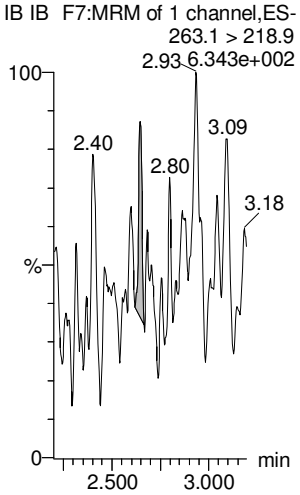
PFPrS



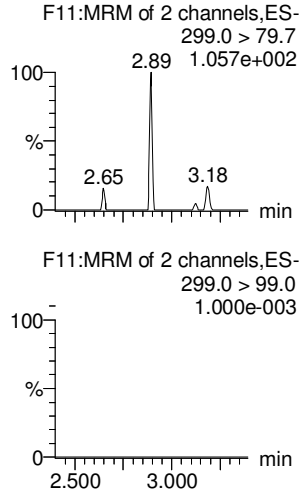
3:3 FTCA



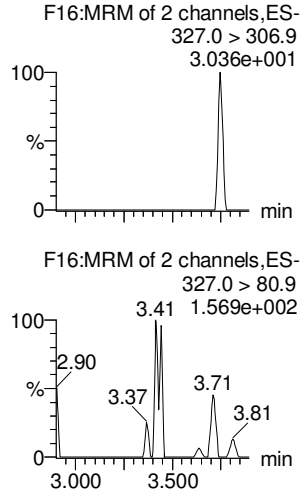
PFPeA



PFBS



4:2 FTS



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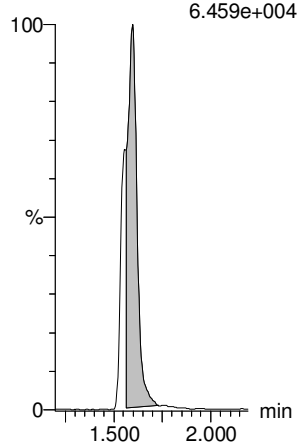
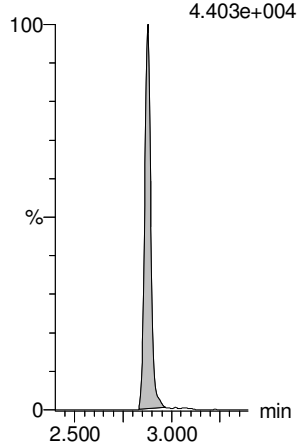


13C3-PFBS-EIS



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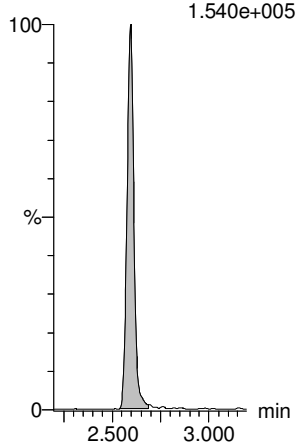

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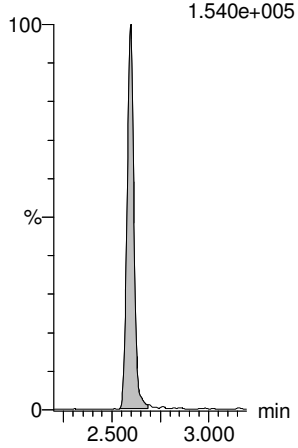

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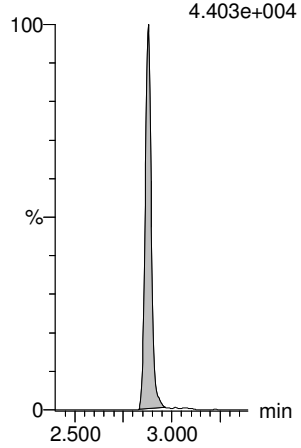
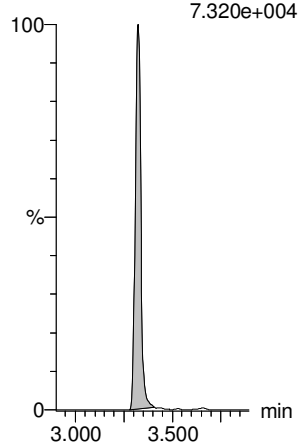


13C2-4:2 FTS-EIS

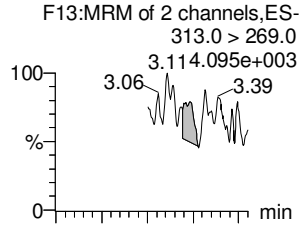


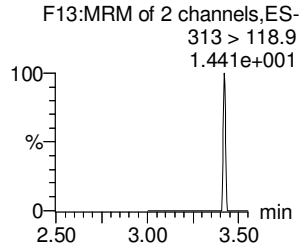
Dataset: Untitled

Last Altered: Wednesday, July 01, 2020 12:20:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 12:20:59 Pacific Daylight Time

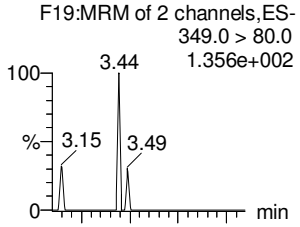
Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

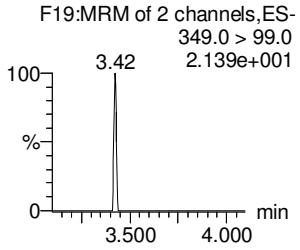
PFHxA



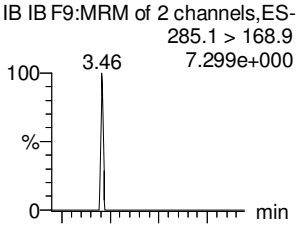


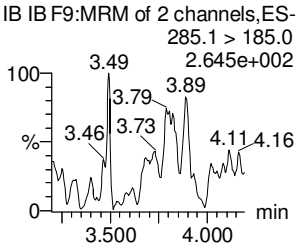
PFPeS



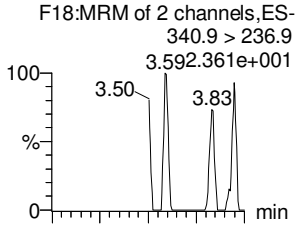


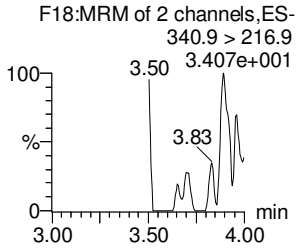
HFPO-DA



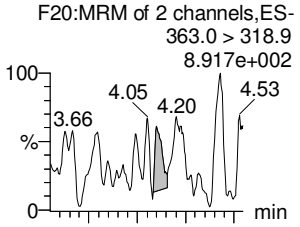


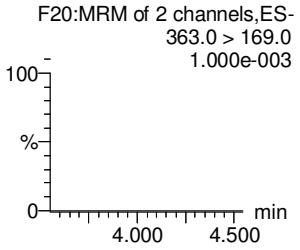
5:3 FTCA



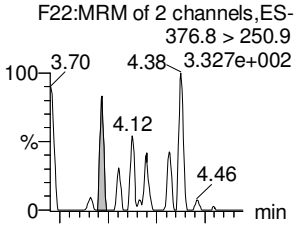


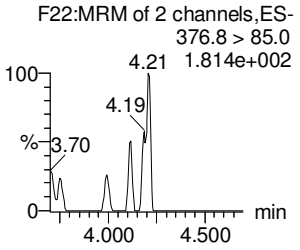
PFHpA



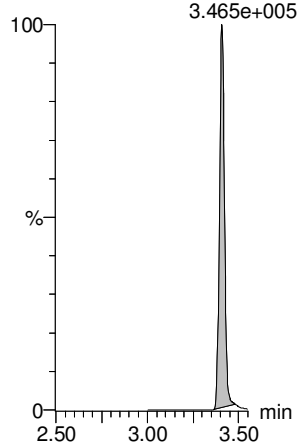


ADONA

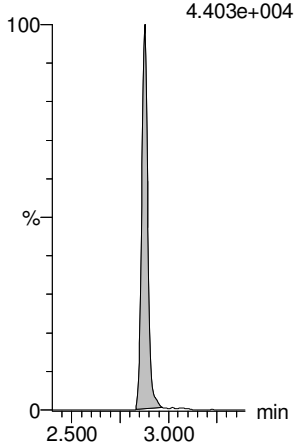




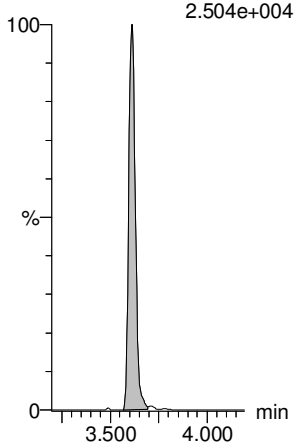
13C2-PFHxA-EIS



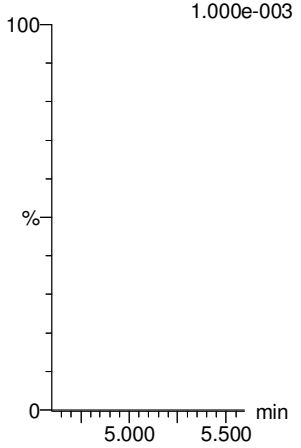
13C3-PFBS-EIS



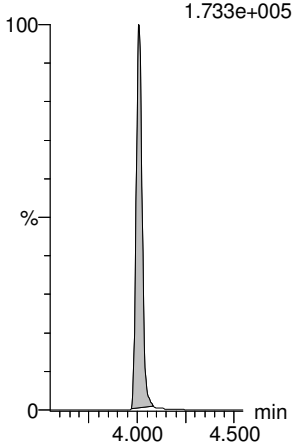
13C3-HFPO-DA-EIS



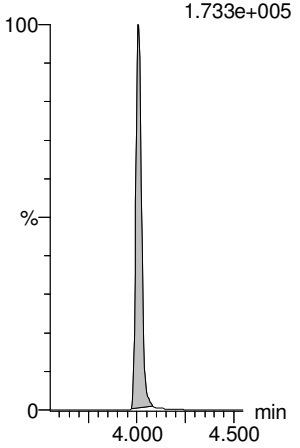
13C2-FOUEA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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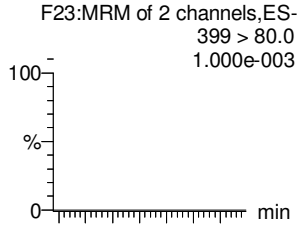
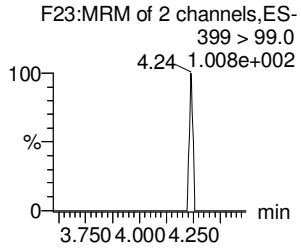
Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

L-PFHxS





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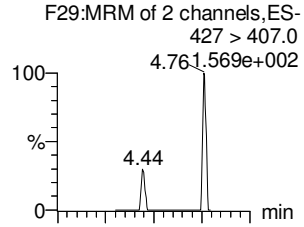

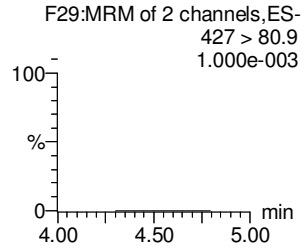

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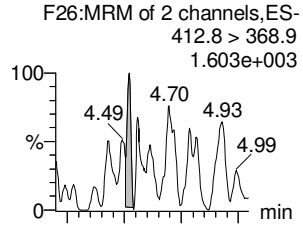

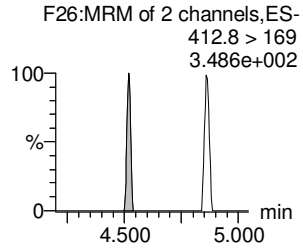

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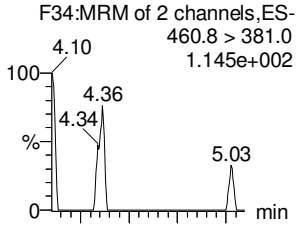

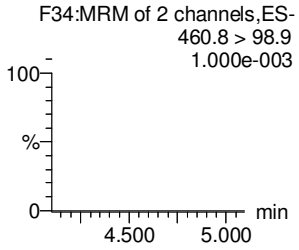

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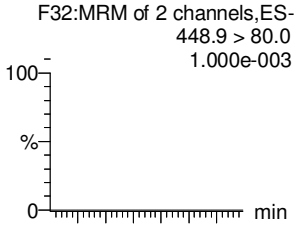
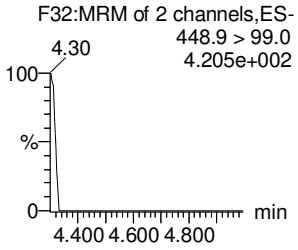
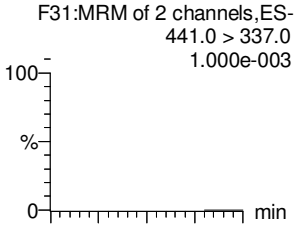
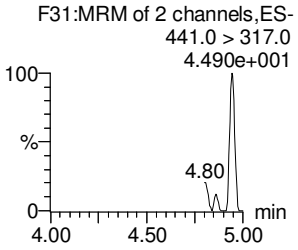




7:3 FTCA





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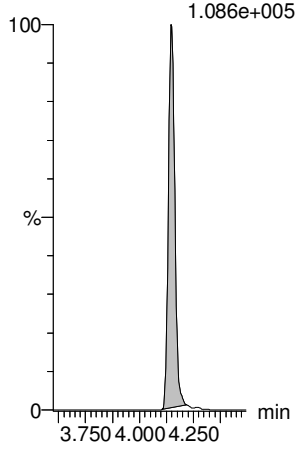
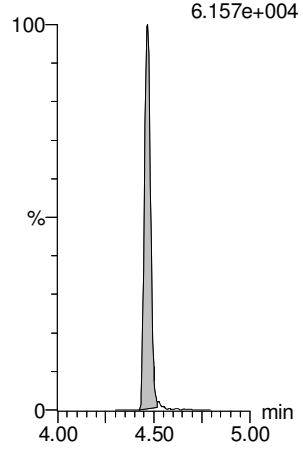


13C2-6:2 FTS-EIS



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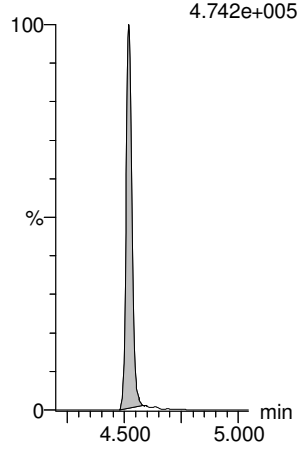

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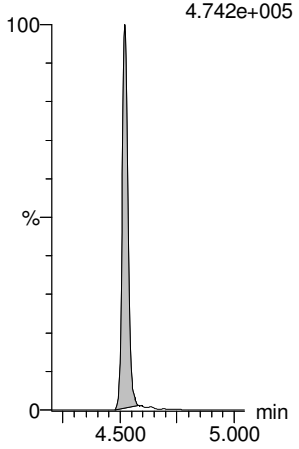
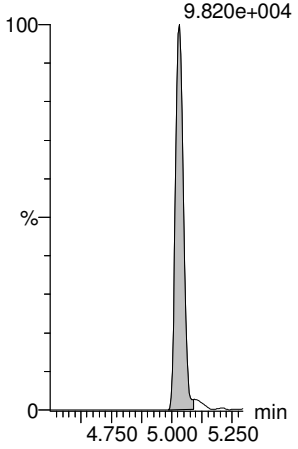


13C8-PFOS-EIS



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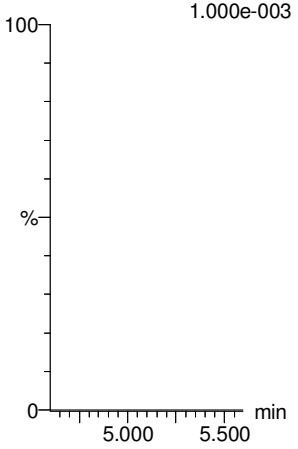

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Printed: Wednesday, July 01, 2020 12:20:59 Pacific Daylight Time

Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

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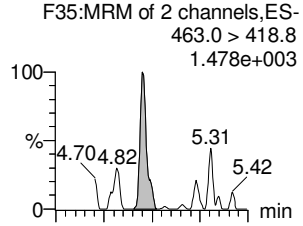

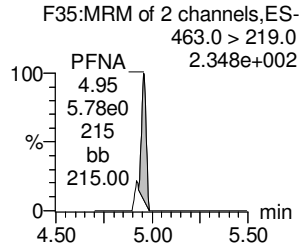

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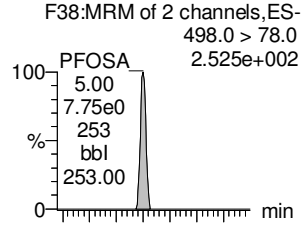
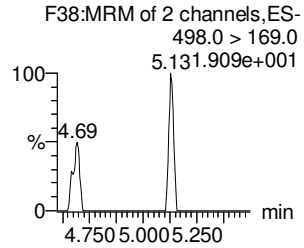
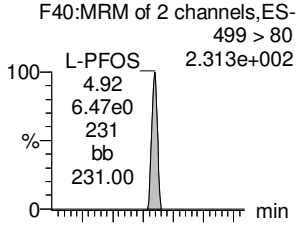
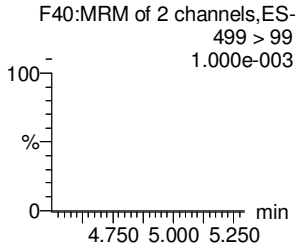




L-PFOS





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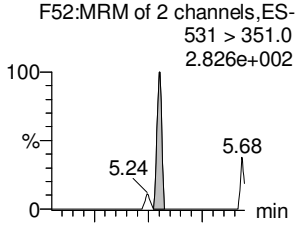

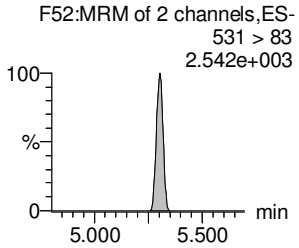

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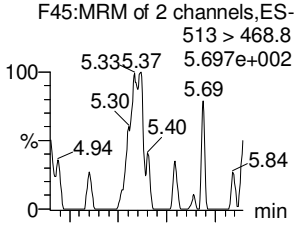

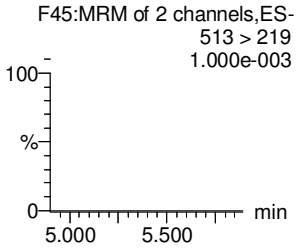

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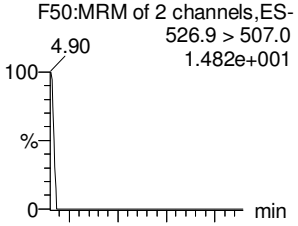

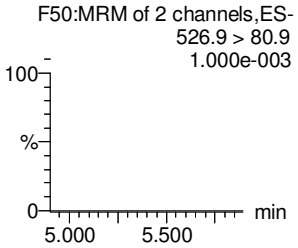

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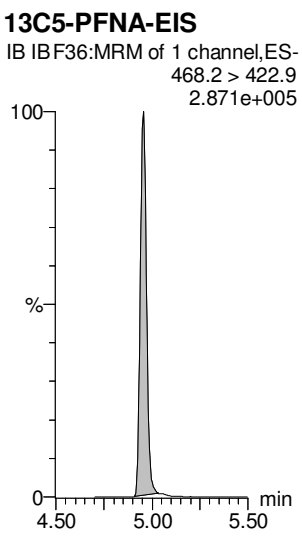

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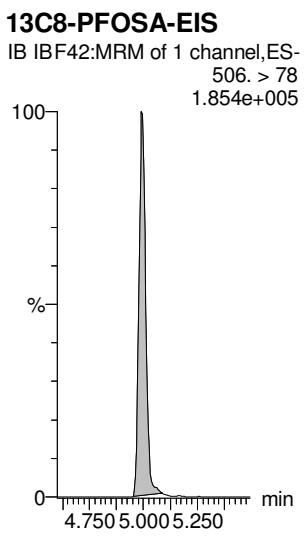

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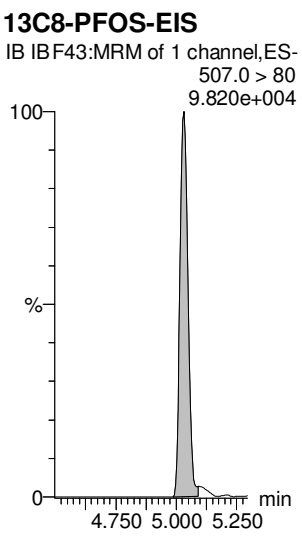

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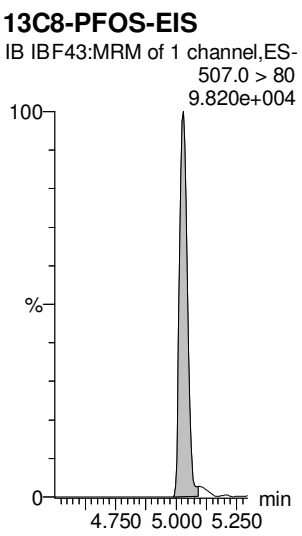

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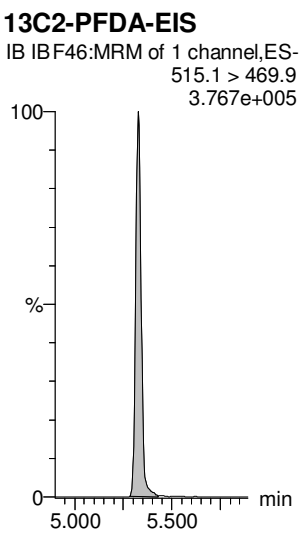

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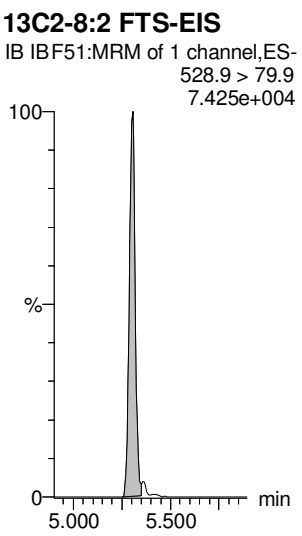

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Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

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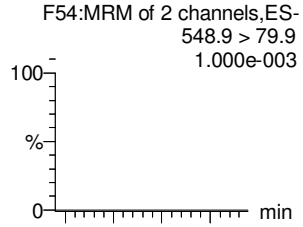

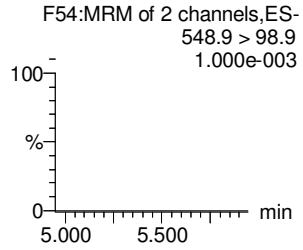

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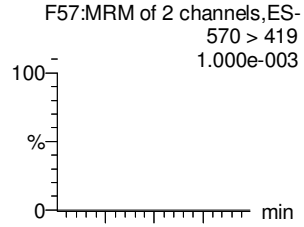

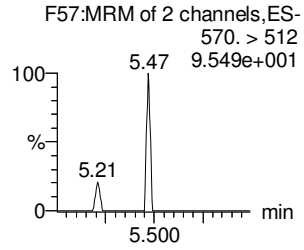

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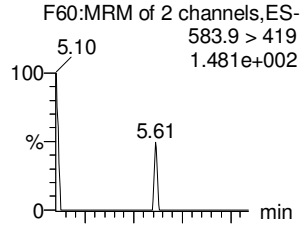

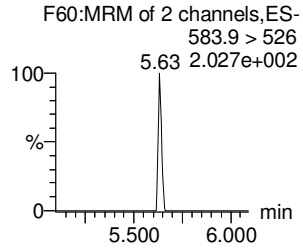

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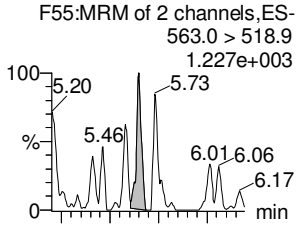

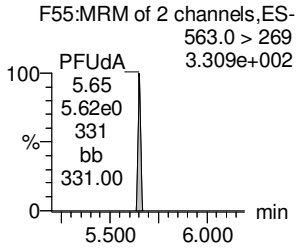

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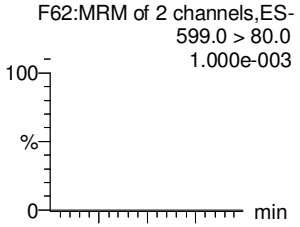

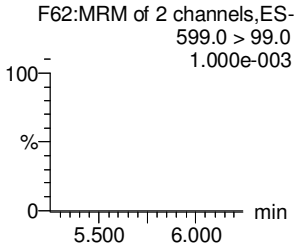

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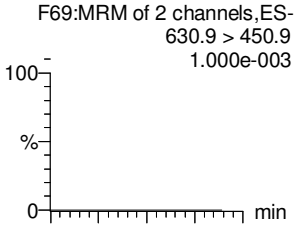

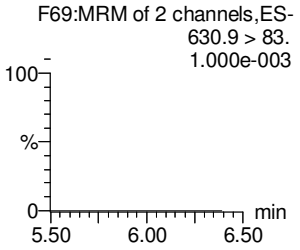

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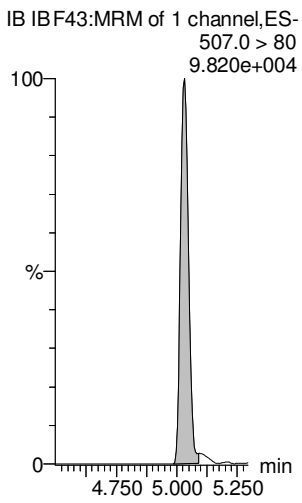

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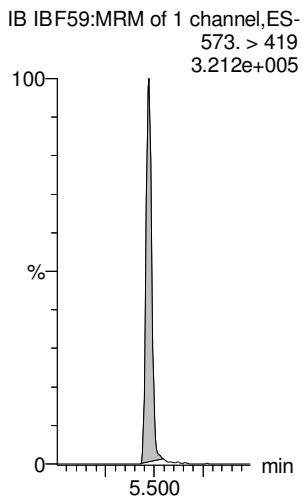

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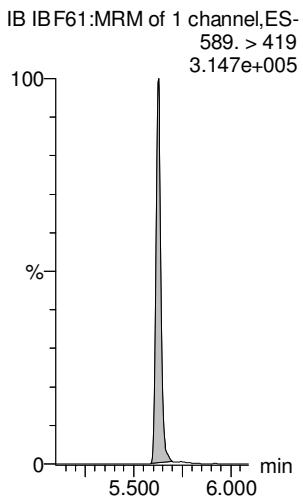

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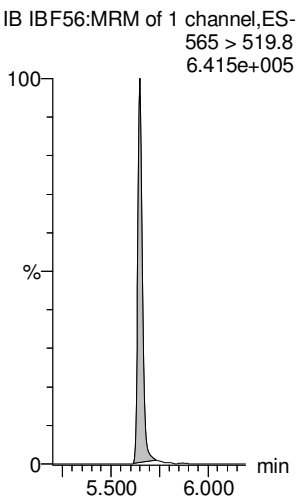
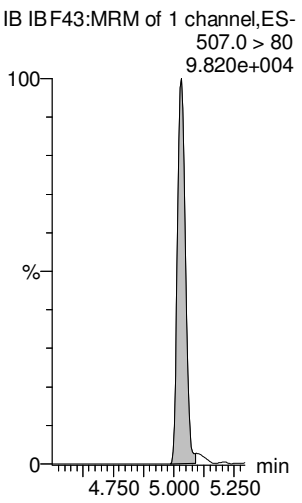
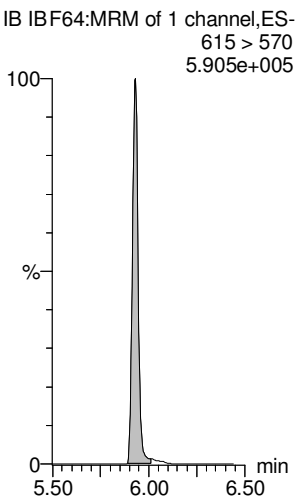


13C8-PFOS-EIS



13C2-PFDoA-EIS



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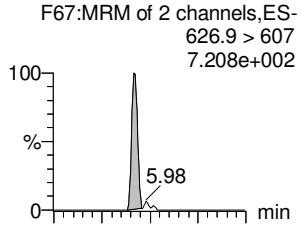
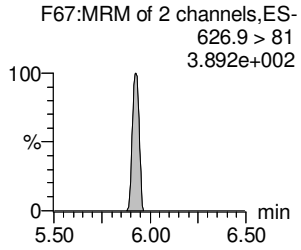
Last Altered: Wednesday, July 01, 2020 12:20:54 Pacific Daylight Time
Printed: Wednesday, July 01, 2020 12:20:59 Pacific Daylight Time

Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

10:2 FTS





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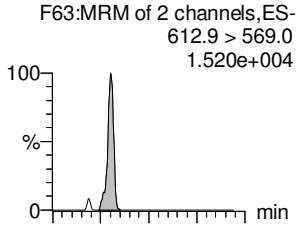
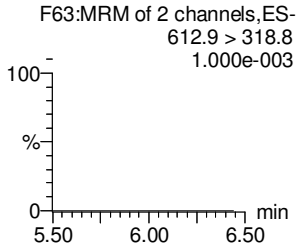
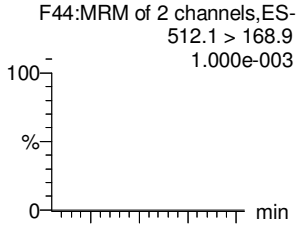
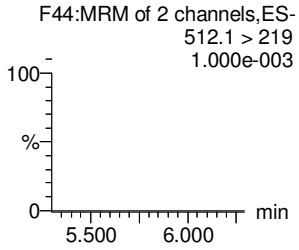




N-MeFOSA





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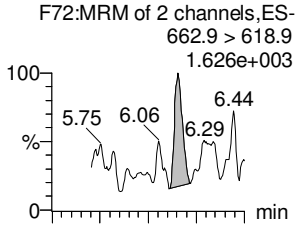

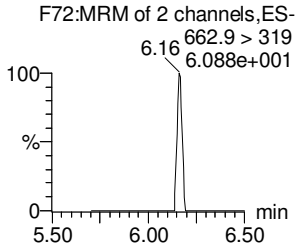

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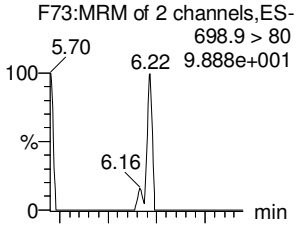

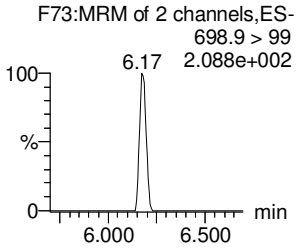

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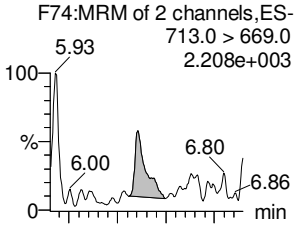
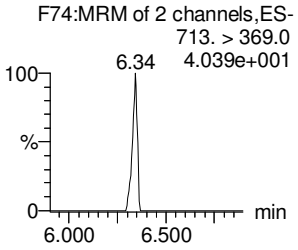
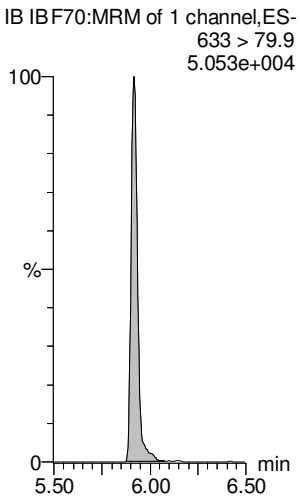
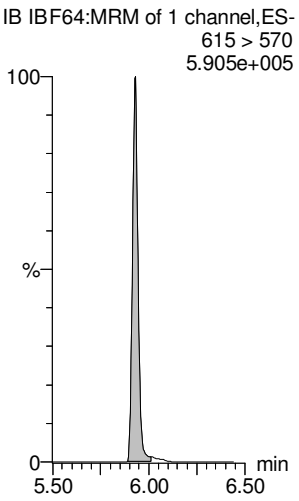




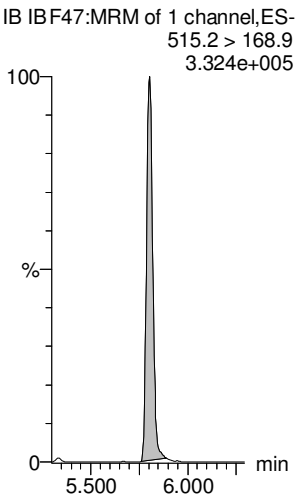
13C2-10:2 FTS-EIS



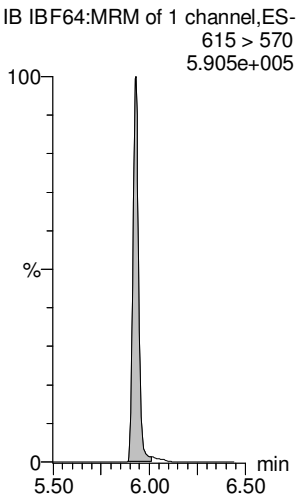
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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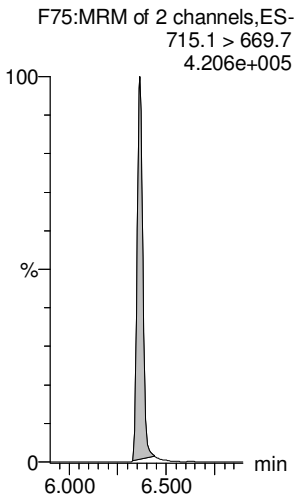

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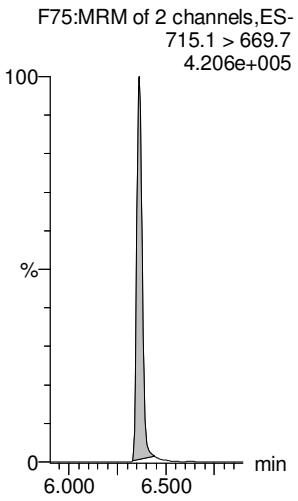

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Last Altered: Wednesday, July 01, 2020 12:20:54 Pacific Daylight Time
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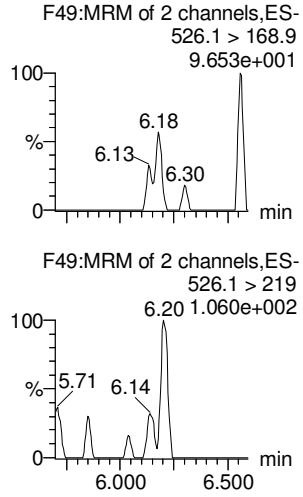
Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

N-EtFOSA



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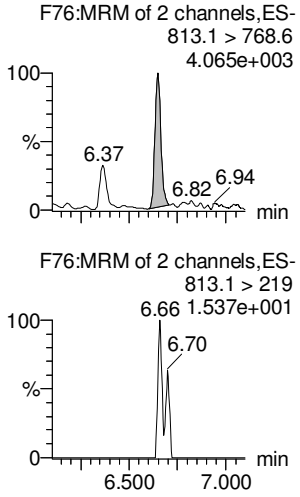

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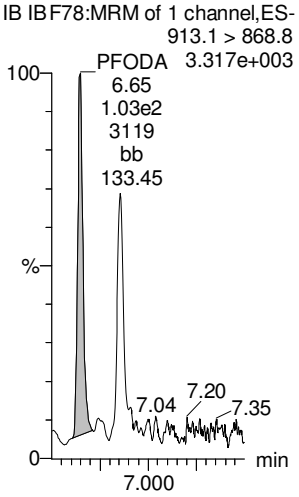
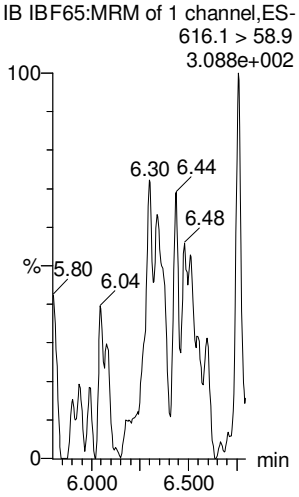


N-MeFOSE



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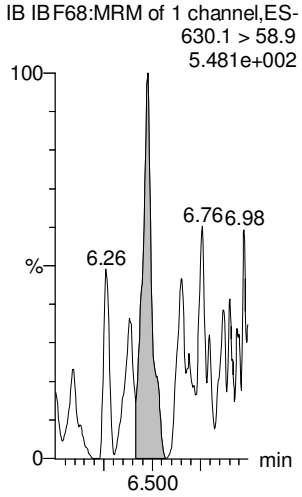
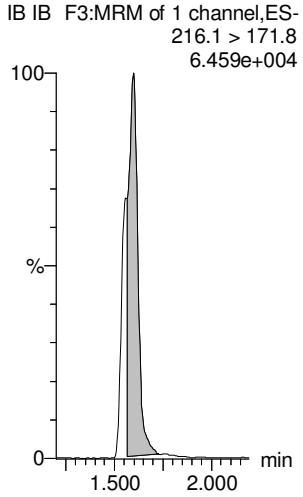
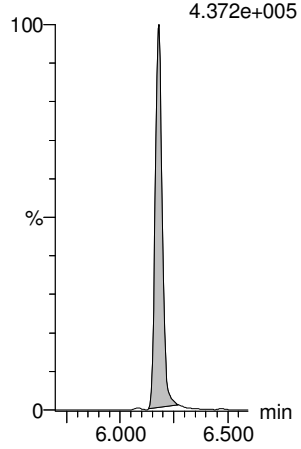


13C3-PFBA-RSD



d5-N-ETFOSA-EIS



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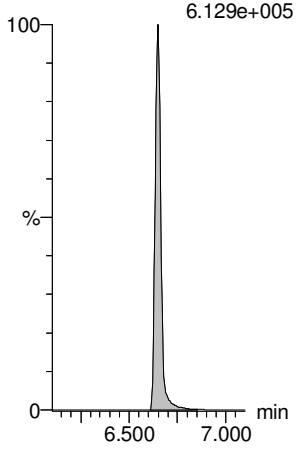

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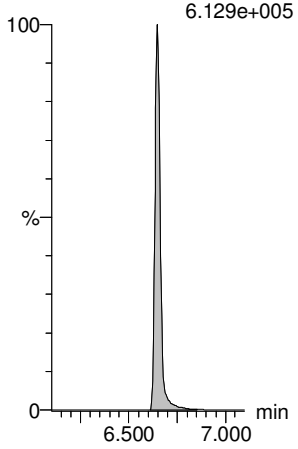

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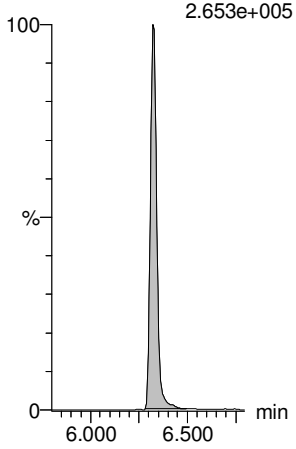

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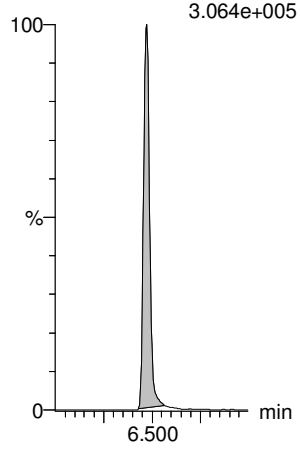

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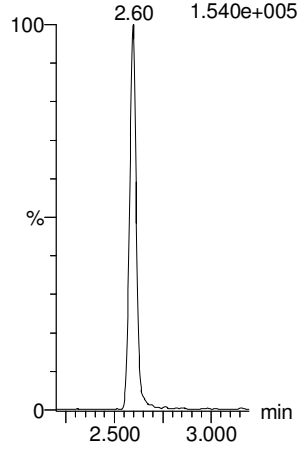

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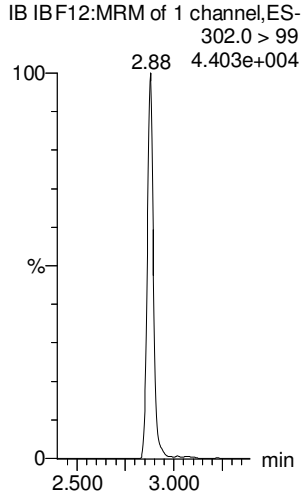
Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

13C3-PFBS-RSD



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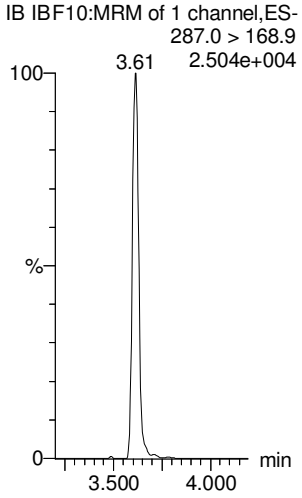

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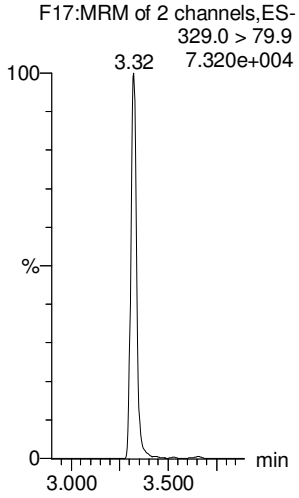

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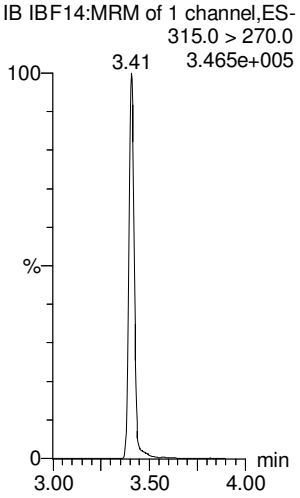

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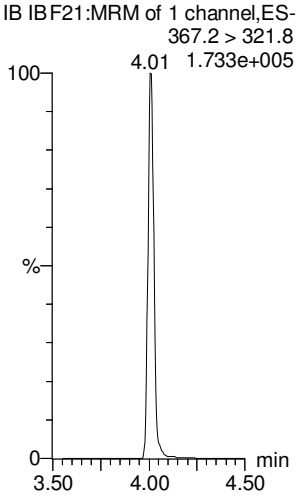

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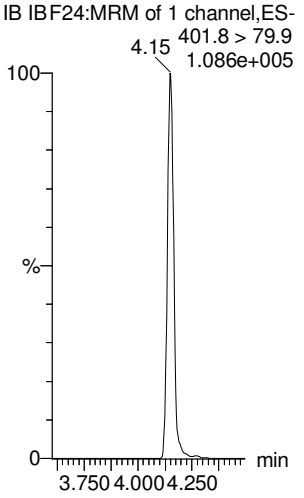

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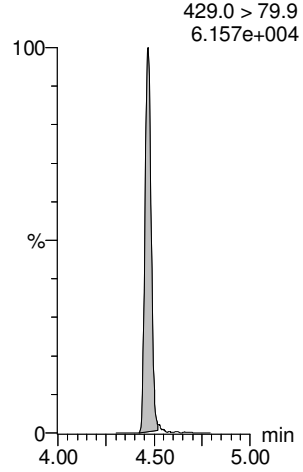
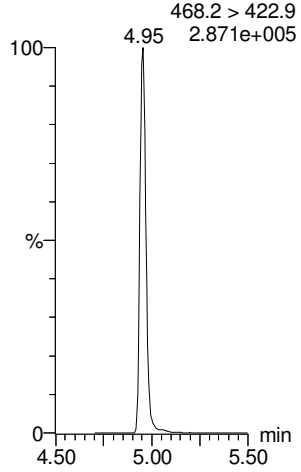


13C5-PFNA-RSD



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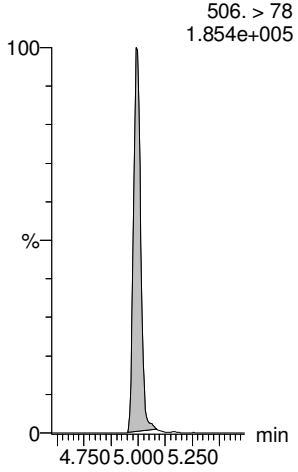

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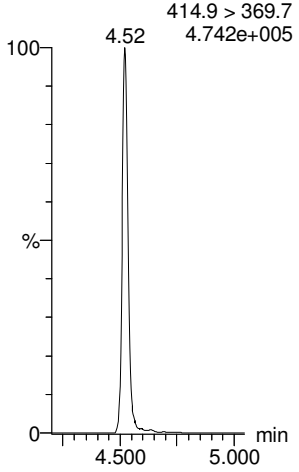
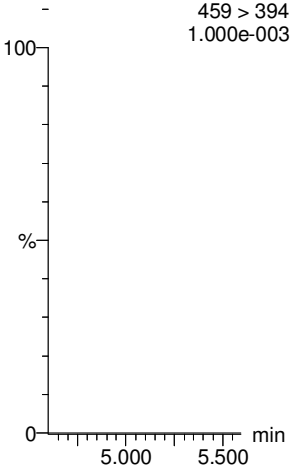


13C2-FOUEA-RSD



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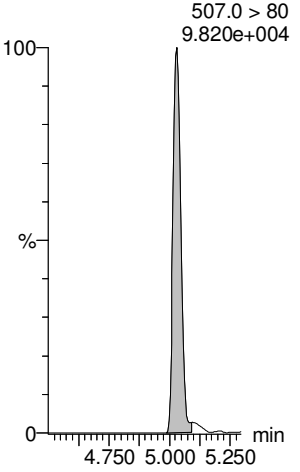

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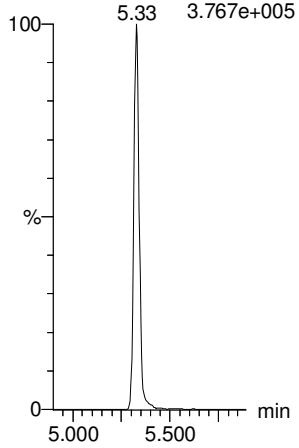
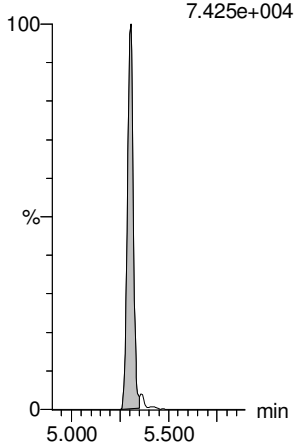
Name: 200630M1_13, Date: 30-Jun-2020, Time: 17:28:03, ID: IB, Description: IB

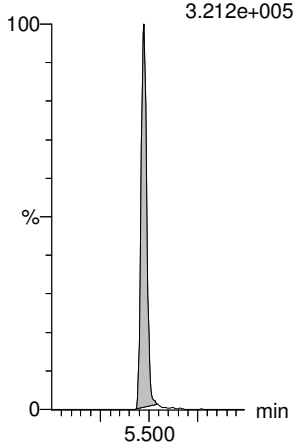
13C2-PFDA-RSD
IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
5.33 3.767e+005



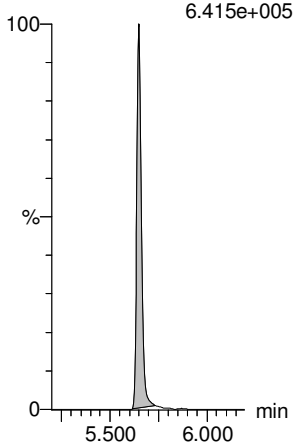
13C2-8:2 FTS-RSD
IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
7.425e+004



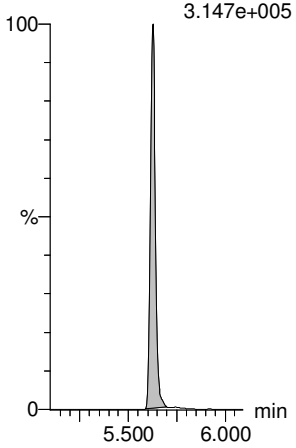
d3-N-MeFOSAA-RSD
IB IBF59:MRM of 1 channel,ES-
573. > 419
3.212e+005



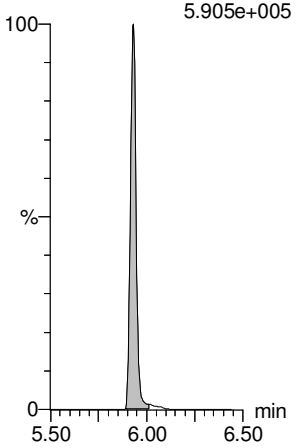
13C2-PFUdA-RSD
IB IBF56:MRM of 1 channel,ES-
565 > 519.8
6.415e+005



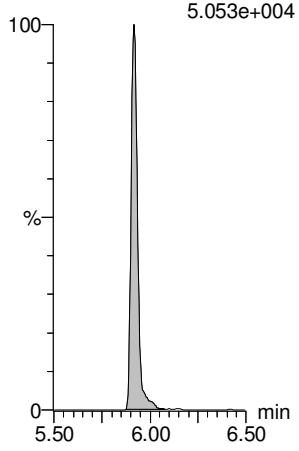
d5-N-EtFOSAA-RSD
IB IBF61:MRM of 1 channel,ES-
589. > 419
3.147e+005



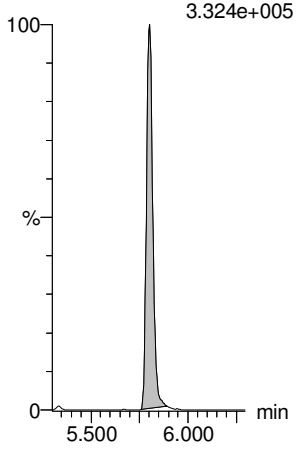
13C2-PFDoA-RSD
IB IBF64:MRM of 1 channel,ES-
615 > 570
5.905e+005



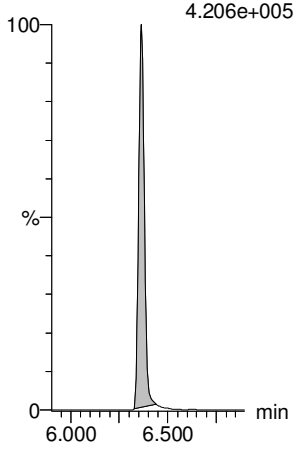
13C2-10:2 FTS-RSD
IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.053e+004



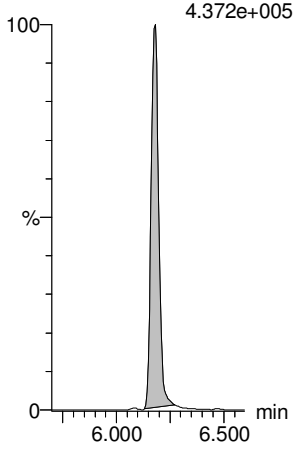
d3-N-MeFOSA-RSD
IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
3.324e+005



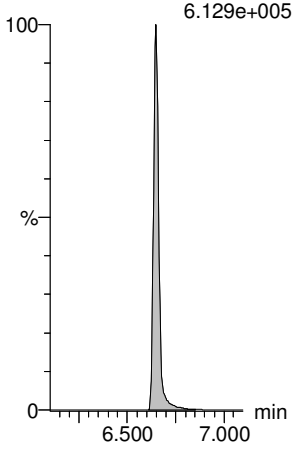
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.206e+005



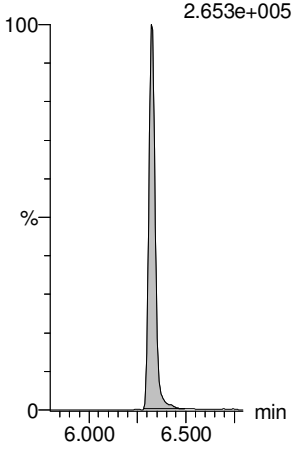
d5-N-ETFOSA-RSD
IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
4.372e+005



13C2-PFHxDA-RSD
IB IBF77:MRM of 1 channel,ES-
815 > 769.7
6.129e+005



d7-N-MeFOSE-RSD
IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
2.653e+005



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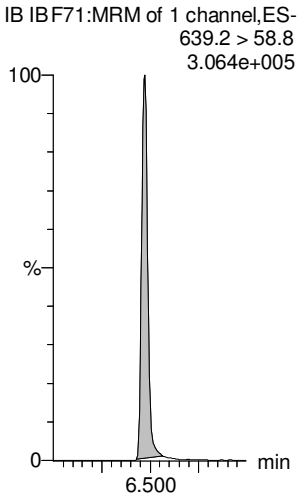
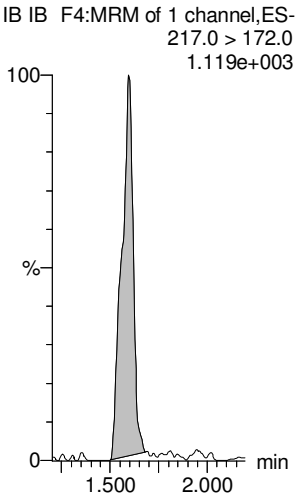
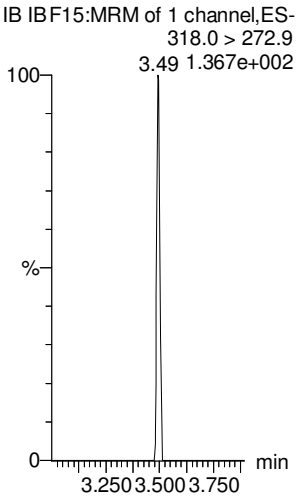
d9-N-EtFOSE-RSD



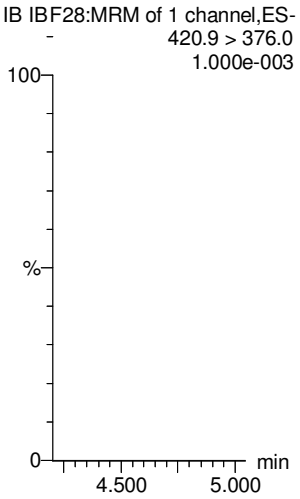
13C4-PFBA



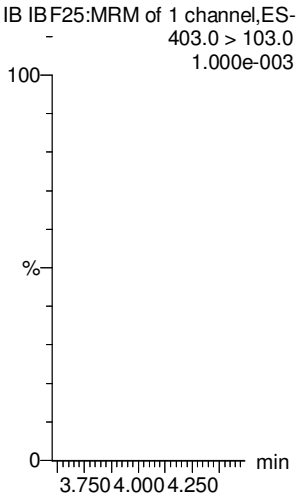
13C5-PFHxA



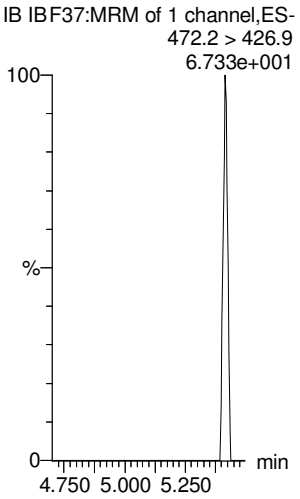
13C8-PFOA



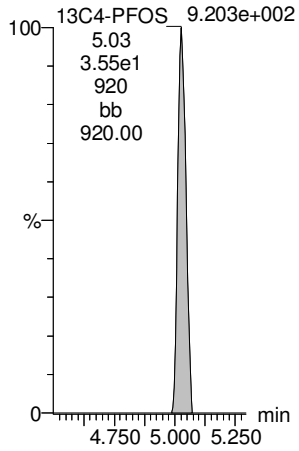
18O2-PFHxS



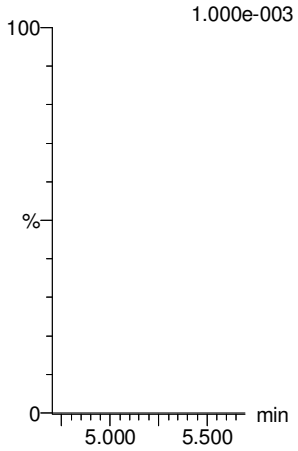
13C9-PFNA



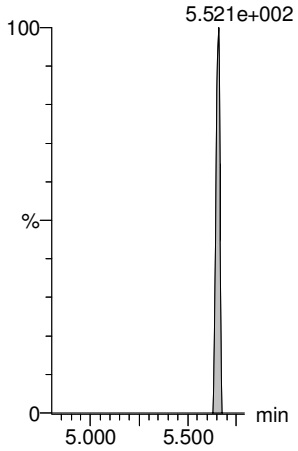
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	12.266	3507.130	1.00	1.65	0.044		0.0105		NO		
2	2	PFPrS	248.9 > 79.9		1561.481	1.00						NO		
3	3	3:3 FTCA	241.1 > 177.0		6132.075	1.00						NO		
4	4	PFPeA	263.1 > 218.9	6.611	6132.075	1.00	2.65	0.013		0.0247		NO		
5	5	PFBS	299.0 > 79.7		1561.481	1.00						NO		
6	6	4:2 FTS	327.0 > 306.9		2431.724	1.00						NO		
7	47	13C3-PFBA-EIS	216.1 > 171.8	3507.130		1.00	1.60	3507.130	12.500	9.44	75.5	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1561.481		1.00	2.88	1561.481	12.500	14.4	115.3	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	6132.075		1.00	2.60	6132.075	12.500	13.9	111.5	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	6132.075		1.00	2.60	6132.075	12.500	13.9	111.5	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1561.481		1.00	2.88	1561.481	12.500	14.4	115.3	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2431.724		1.00	3.32	2431.724	12.500	12.8	102.5	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	73.290	10496.053	1.00	3.23	0.087		0.0662		NO		
15	8	PFPeS	349.0 > 80.0		1561.481	1.00						NO		
16	9	HFPO-DA	285.1 > 168.9		954.719	1.00						NO		
17	10	5:3 FTCA	340.9 > 236.9			1.00						NO		
18	11	PFHpA	363.0 > 318.9	17.678	5960.189	1.00	4.10	0.037				NO		
19	12	ADONA	376.8 > 250.9	6.344	5960.189	1.00	3.97	0.013		0.0258		NO		
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10496.053		1.00	3.41	10496.053	12.500	13.5	108.3	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1561.481		1.00	2.88	1561.481	12.500	14.4	115.3	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	954.719		1.00	3.61	954.719	12.500	13.5	107.7	NO		
23	71	13C2-FOUEA-EIS	459>394			1.00			12.500			NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5960.189		1.00	4.01	5960.189	12.500	13.2	106.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5960.189		1.00	4.01	5960.189	12.500	13.2	106.0	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0		3621.567	1.00						NO		
28	15	6:2 FTS	427 > 407.0		2194.771	1.00						NO		
29	16	L-PFOA	412.8 > 368.9	31.133	13689.236	1.00	4.52	0.028				NO	4.851	NO
30	18	PFecHS	460.8 > 381.0		13689.236	1.00						NO		
31	19	PFHpS	448.9 > 80.0		3690.659	1.00						NO		
32	20	7:3 FTCA	441.0 > 337.0			1.00						NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3621.567		1.00	4.15	3621.567	12.500	14.3	114.2	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2194.771		1.00	4.47	2194.771	12.500	19.5	155.7	YES		
35	69	13C2-PFOA-EIS	414.9 > 369.7	13689.236		1.00	4.52	13689.236	12.500	13.3	106.1	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	13689.236		1.00	4.52	13689.236	12.500	13.3	106.1	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3690.659		1.00	5.03	3690.659	12.500	14.6	116.6	NO		
38	71	13C2-FOUEA-EIS	459>394			1.00			12.500			NO		
39	-1													
40	21	PFNA	463.0 > 418.8	57.367	10431.103	1.00	4.95	0.069		0.0712		NO	9.920	YES
41	22	PFOSA	498.0 > 78.0	7.751	6875.051	1.00	5.00	0.014				NO		
42	23	L-PFOS	499 > 80	6.473	3690.659	1.00	4.92	0.022		0.115		NO		
43	25	9Cl-PF30NS	531 > 351.0	6.833	3690.659	1.00	5.30	0.023		0.00532		NO	0.078	YES
44	26	PFDA	513 > 468.8		12150.001	1.00						NO		
45	27	8:2 FTS	526.9 > 507.0		2545.465	1.00						NO		
46	65	13C5-PFNA-EIS	468.2 > 422.9	10431.103		1.00	4.95	10431.103	12.500	13.4	106.9	NO		
47	67	13C8-PFOSA-EIS	506. > 78	6875.051		1.00	4.99	6875.051	12.500	13.3	106.1	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3690.659		1.00	5.03	3690.659	12.500	14.6	116.6	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3690.659		1.00	5.03	3690.659	12.500	14.6	116.6	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	12150.001		1.00	5.33	12150.001	12.500	14.1	112.6	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2545.465		1.00	5.30	2545.465	12.500	12.7	101.5	NO		
52	-1													
53	28	PFNS	548.9 > 79.9		3690.659	1.00						NO		
54	29	L-MeFOSAA	570 > 419		10560.304	1.00						NO		
55	31	L-EtFOSAA	583.9 > 419		9314.473	1.00						NO		
56	33	PFUdA	563.0 > 518.9	38.684	18955.457	1.00	5.65	0.026				NO	6.878	NO
57	34	PFDS	599.0 > 80.0		3690.659	1.00						NO		
58	35	11Cl-PF30UdS	630.9 > 450.9		21183.406	1.00						NO		
59	73	13C8-PFOS-EIS	507.0 > 80	3690.659		1.00	5.03	3690.659	12.500	14.6	116.6	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	10560.304		1.00	5.47	10560.304	12.500	13.7	109.3	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	9314.473		1.00	5.63	9314.473	12.500	13.7	109.5	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	18955.457		1.00	5.65	18955.457	12.500	13.5	107.8	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3690.659		1.00	5.03	3690.659	12.500	14.6	116.6	NO		
64	85	13C2-PFDoA-EIS	615 > 570	21183.406		1.00	5.93	21183.406	12.500	13.1	104.6	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	24.357	1907.396	1.00	5.92	0.160		0.0246		NO	1.582	NO
67	37	PFDoA	612.9 > 569.0	524.334	21183.406	1.00	5.80	0.309		0.265		NO		
68	38	N-MeFOSA	512.1 > 168.9		11988.580	1.00						NO		
69	39	PFTrDA	662.9 > 618.9	64.295	21183.406	1.00	6.16	0.038		0.0249		NO		
70	40	PFDoS	698.9 > 80		14123.476	1.00						NO		
71	41	PFTeDA	713.0 > 669.0	71.100	14123.476	1.00	6.35	0.063				NO		
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1907.396		1.00	5.92	1907.396	12.500	12.6	100.7	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	21183.406		1.00	5.93	21183.406	12.500	13.1	104.6	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	11988.580		1.00	5.80	11988.580	149.200	142	94.9	NO		
75	85	13C2-PFDoA-EIS	615 > 570	21183.406		1.00	5.93	21183.406	12.500	13.1	104.6	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	14123.476		1.00	6.36	14123.476	12.500	13.1	104.5	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	14123.476		1.00	6.36	14123.476	12.500	13.1	104.5	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		17295.729	1.00						NO		
80	43	PFHxDA	813.1 > 768.6	136.062	20607.096	1.00	6.65	0.083				NO		
81	44	PFODA	913.1 > 868.8	103.312	20607.096	1.00	6.65	0.063		0.0336		NO		
82	45	N-MeFOSE	616.1 > 58.9		9665.555	1.00						NO		
83	46	N-EtFOSE	630.1 > 58.9	30.702	10722.949	1.00	6.48	0.427		1.18		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3507.130	74.318	1.00	1.60	589.886	12.500	882	7053.3	YES		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	17295.729		1.00	6.18	17295.729	149.200	144	96.3	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	20607.096		1.00	6.65	20607.096	12.500	13.5	107.9	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	20607.096		1.00	6.65	20607.096	12.500	13.5	107.9	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	9665.555		1.00	6.32	9665.555	149.200	136	91.2	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	10722.949		1.00	6.47	10722.949	149.200	144	96.7	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	2194.771	35.493	1.00	4.47	772.959	12.500	1480	11864.6	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506. > 78	6875.051	13.261	1.00	4.99	6480.517	12.500	22900	18350...	YES		
101	70	13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	72	13C2-FOUEA-RSD	459>394			1.00			12.500			NO		
103	74	13C8-PFOS-RSD	507.0 > 80	3690.659	35.493	1.00	5.03	1299.784	12.500	1270	10164.4	YES		
104	-1													
105	76	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
106	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2545.465	35.493	1.00	5.30	896.467	12.500	1420	11380.7	YES		
107	80	d3-N-MeFOSAA-RSD	573. > 419	10560.304	13.261	1.00	5.47	9954.287	12.500	20200	16177...	YES		
108	82	13C2-PFUdA-RSD	565 > 519.8	18955.457	13.261	1.00	5.65	17867.673	12.500	20300	16279...	YES		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	d5-N-EtFOSAA-RSD	589. > 419	9314.473	13.261	1.00	5.63	8779.950	12.500	21300	17040...	YES		
110	86	13C2-PFDoA-RSD	615 > 570	21183.406		1.00	5.93		12.500			NO		
111	88	13C2-10:2 FTS-RSD	633 > 79.9	1907.396	35.493	1.00	5.92	671.751	12.500	1350	10799.3	YES		
112	90	d3-N-MeFOSA-RSD	515.2 > 168.9	11988.580	13.261	1.00	5.80	11300.600	149.200	225000	15086...	YES		
113	92	13C2-PFTeDA-RSD	715.1 > 669.7	14123.476	13.261	1.00	6.36	13312.982	12.500	20200	16168...	YES		
114	94	d5-N-ETFOSA-RSD	531.1 > 168.9	17295.729	13.261	1.00	6.18	16303.191	149.200	240000	16118...	YES		
115	96	13C2-PFHxDA-RSD	815 > 769.7	20607.357	13.261	1.00	6.65	19424.777	12.500	20400	16334...	YES		
116	98	d7-N-MeFOSE-RSD	623.1 > 58.9	9665.555	13.261	1.00	6.32	9110.884	149.200	229000	15359...	YES		
117	-1													
118	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	10722.949	13.261	1.00	6.47	10107.598	149.200	235000	15735...	YES		
119	1...	13C4-PFBA	217.0 > 172.0	74.318	74.318	1.00	1.59	12.500	12.500	12.5	100.0	NO		
120	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
121	1...	13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
122	1...	18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
123	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
124	1...	13C4-PFOS	503 > 80.0	35.493	35.493	1.00	5.03	12.500	12.500	12.5	100.0	NO		
125	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
126	1...	13C7-PFUdA	570.1 > 524.8	13.261	13.261	1.00	5.66	12.500	12.500	12.5	100.0	NO		

June 11, 2020

Vista Work Order No. 2001090

Ms. Suzanne Yerina
CES Inc.
640 Main Street
Lewiston, ME 0240

Dear Ms. Yerina,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on May 19, 2020 under your Project Name 'Coakley Landfill'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2001090
Case Narrative

Sample Condition on Receipt:

Eleven aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. The CoC did not include a sample matrix for the samples. As directed, the sample matrix of aqueous was used.

Analytical Notes:

PFAS Isotope Dilution Method

The following samples contained particulate and were centrifuged prior to extraction:

Laboratory ID	Sample Name
2001090-01	GW-MW-5S
2001090-02	GW-MW-5D
2001090-10	GW-BP-4
2001090-11	GW-MW-11

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the method hold times. Samples "GW-AE-1A", "GW-AE-1B", "GW-MW-20D1", and "GW-MW-20D1-DUP" were re-extracted outside of the method hold time for MeFOSA and EtFOSA.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with each preparation batch. No analytes were detected in the Method Blanks above the Reporting Limit. The recovery of 8:2 FTS was greater than 130% in the OPR. This analyte was not detected in the samples. The recoveries of all other analytes were within the acceptance criteria.

As requested, an MS/MSD was performed on sample "GW-MW-20D1". The MS/MSD recoveries and RPDs were within acceptance criteria.

The internal standard recoveries outside the acceptance criteria are flagged with an "H" qualifier.

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Sample Inventory Report

Vista Sample ID	Client Sample ID		Sampled	Received	Components/Containers
2001090-01	GW-MW-5S		15-May-20 09:03	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-02	GW-MW-5D		15-May-20 10:09	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-03	GW-AE-1A		15-May-20 12:12	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-04	GW-AE-1B		15-May-20 12:45	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-05	GW-MW-20D1	MS/MSD	18-May-20 10:27	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-06	GW-MW-20D1-DUP		18-May-20 10:27	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-07	GW-MW-20D2		18-May-20 11:56	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-08	GW-MW-20S		18-May-20 12:53	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-09	GW-OP-5		18-May-20 14:09	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-10	GW-BP-4		18-May-20 14:55	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL
2001090-11	GW-MW-11		18-May-20 15:59	19-May-20 10:08	HDPE Bottle, 125 mL
					HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0170-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.729	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFPeA	2706-90-3	ND	1.28	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFBS	375-73-5	ND	1.79	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFHxA	307-24-4	ND	2.18	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFHpA	375-85-9	ND	0.591	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFHxS	355-46-4	ND	0.947	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
6:2 FTS	27619-97-2	ND	2.00	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFOA	335-67-1	ND	0.651	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFHpS	375-92-8	ND	0.937	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFNA	375-95-1	ND	0.810	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFOSA	754-91-6	ND	1.77	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFOS	1763-23-1	ND	0.807	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFDA	335-76-2	ND	1.49	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
8:2 FTS	39108-34-4	ND	2.06	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
MeFOSAA	2355-31-9	ND	1.65	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
EtFOSAA	2991-50-6	ND	1.37	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFUnA	2058-94-8	ND	1.05	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFDS	335-77-3	ND	1.23	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFDoA	307-55-1	ND	0.792	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
MeFOSA	31506-32-8	ND	3.83	20.0		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFTrDA	72629-94-8	ND	0.494	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFTeDA	376-06-7	ND	0.755	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
EtFOSA	4151-50-2	ND	5.11	20.0		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
PFHxDA	67905-19-5	ND	0.294	4.00		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
MeFOSE	24448-09-7	ND	6.07	20.0		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
EtFOSE	1691-99-2	ND	9.44	20.0		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	107	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C3-PFPeA	IS	78.5	60 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C3-PFBS	IS	93.5	60 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-PFHxA	IS	77.4	70 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C4-PFHpA	IS	81.9	60 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C3-PFHxS	IS	103	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-6:2 FTS	IS	94.4	40 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C5-PFNA	IS	84.4	50 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C8-PFOSA	IS	32.1	20 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-PFOA	IS	89.3	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C8-PFOS	IS	86.5	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0170-BLK1
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	75.4	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-8:2 FTS	IS	80.7	40 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
d3-MeFOSAA	IS	64.9	50 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-PFUnA	IS	66.6	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
d5-EtFOSAA	IS	70.4	50 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-PFDoA	IS	67.0	30 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
d3-MeFOSA	IS	12.0	10 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-PFTeDA	IS	62.5	20 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
d5-EtFOSA	IS	11.2	10 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
13C2-PFHxDA	IS	47.6	20 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
d7-MeFOSE	IS	22.5	10 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1
d9-EtFOSE	IS	21.1	10 - 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:00	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill

Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0170-BS1 Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	74.5	80.0	93.1	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFPeA	2706-90-3	69.8	80.0	87.3	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFBS	375-73-5	83.9	80.0	105	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFHxA	307-24-4	78.1	80.0	97.6	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFHpA	375-85-9	70.5	80.0	88.1	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFHxS	355-46-4	77.2	80.0	96.5	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
6:2 FTS	27619-97-2	65.6	80.0	81.9	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFOA	335-67-1	82.5	80.0	103	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFHpS	375-92-8	89.4	80.0	112	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFNA	375-95-1	74.5	80.0	93.1	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFOSA	754-91-6	67.7	80.0	84.6	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFOS	1763-23-1	92.3	80.0	115	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFDA	335-76-2	77.2	80.0	96.5	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
8:2 FTS	39108-34-4	114	80.0	143	60 - 130	H	B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
MeFOSAA	2355-31-9	73.6	80.0	91.9	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
EtFOSAA	2991-50-6	62.0	80.0	77.5	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFUnA	2058-94-8	64.1	80.0	80.1	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFDS	335-77-3	64.4	80.0	80.5	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFDoA	307-55-1	71.9	80.0	89.9	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
MeFOSA	31506-32-8	361	400	90.2	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFTrDA	72629-94-8	64.5	80.0	80.6	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFTeDA	376-06-7	80.1	80.0	100	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
EtFOSA	4151-50-2	360	400	89.9	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
PFHxDA	67905-19-5	66.8	80.0	83.4	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
MeFOSE	24448-09-7	327	400	81.8	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
EtFOSE	1691-99-2	352	400	87.9	60 - 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	107	60- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C3-PFPeA	IS	81.5	60- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C3-PFBS	IS	81.7	60- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-PFHxA	IS	74.9	70- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C4-PFHpA	IS	83.3	60- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C3-PFHxS	IS	84.8	60- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-6:2 FTS	IS	81.1	40- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C5-PFNA	IS	90.7	50- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0170-BS1
Column: BEH C18

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOSA	IS	33.2	20- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-PFOA	IS	73.7	60- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C8-PFOS	IS	76.2	60- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-PFDA	IS	80.3	60- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-8:2 FTS	IS	47.9	40- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
d3-MeFOSAA	IS	63.8	50- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-PFUnA	IS	64.0	60- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
d5-EtFOSAA	IS	67.3	50- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-PFDoA	IS	75.2	30- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
d3-MeFOSA	IS	11.4	10- 130		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-PFTeDA	IS	49.8	20- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
d5-EtFOSA	IS	10.1	10- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
13C2-PFHxDA	IS	43.9	20- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
d7-MeFOSE	IS	26.0	10- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1
d9-EtFOSE	IS	31.8	10- 150		B0E0170	26-May-20	0.125 L	03-Jun-20 03:10	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0036-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSA	31506-32-8	ND	3.83	20.0		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:27	1
EtFOSA	4151-50-2	ND	5.11	20.0		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:27	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d3-MeFOSA	IS	13.5	10 - 130		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:27	1
d5-EtFOSA	IS	14.3	10 - 150		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:27	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR — **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0036-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSA	31506-32-8	345	400	86.3	60 - 130		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:38	1
EtFOSA	4151-50-2	373	400	93.2	60 - 130		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:38	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d3-MeFOSA	IS	20.6	10- 130		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:38	1
d5-EtFOSA	IS	19.0	10- 150		B0F0036	06-Jun-20	0.125 L	09-Jun-20 02:38	1

Sample ID: GW-MW-5S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-5S
Matrix: Aqueous
Date Collected: 15-May-20 09:03

Laboratory Data

Lab Sample: 2001090-01
Date Received: 19-May-20 10:08
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	43.1	0.831	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFPeA	2706-90-3	91.0	1.46	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFBS	375-73-5	9.09	2.04	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFHxA	307-24-4	185	2.48	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFHpA	375-85-9	406	0.674	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFHxS	355-46-4	60.9	1.08	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
6:2 FTS	27619-97-2	ND	2.28	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFOA	335-67-1	577	0.742	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFHpS	375-92-8	7.49	1.07	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFNA	375-95-1	76.0	0.923	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFOSA	754-91-6	16.0	2.02	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFOS	1763-23-1	108	0.920	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFDA	335-76-2	ND	1.70	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
8:2 FTS	39108-34-4	ND	2.35	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
MeFOSAA	2355-31-9	ND	1.88	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
EtFOSAA	2991-50-6	ND	1.56	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFUnA	2058-94-8	ND	1.20	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFDS	335-77-3	ND	1.40	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFDoA	307-55-1	ND	0.903	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
MeFOSA	31506-32-8	ND	4.37	22.8		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFTrDA	72629-94-8	ND	0.563	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFTeDA	376-06-7	ND	0.861	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
EtFOSA	4151-50-2	ND	5.82	22.8		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
PFHxDA	67905-19-5	ND	0.335	4.56		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
MeFOSE	24448-09-7	ND	6.92	22.8		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
EtFOSE	1691-99-2	ND	10.8	22.8		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	118	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C3-PFPeA	IS	88.9	60 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C3-PFBS	IS	97.7	60 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-PFHxA	IS	95.7	70 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C4-PFHpA	IS	94.1	60 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C3-PFHxS	IS	89.2	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-6:2 FTS	IS	96.8	40 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C5-PFNA	IS	88.3	50 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C8-PFOSA	IS	57.0	20 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-PFOA	IS	97.8	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C8-PFOS	IS	82.2	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1

Sample ID: GW-MW-5S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-5S
Matrix: Aqueous
Date Collected: 15-May-20 09:03

Laboratory Data

Lab Sample: 2001090-01
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	87.1	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-8:2 FTS	IS	95.6	40 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
d3-MeFOSAA	IS	75.1	50 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-PFUnA	IS	88.0	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
d5-EtFOSAA	IS	87.3	50 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-PFDoA	IS	89.9	30 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
d3-MeFOSA	IS	23.1	10 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-PFTeDA	IS	81.0	20 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
d5-EtFOSA	IS	21.7	10 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
13C2-PFHxDA	IS	71.7	20 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
d7-MeFOSE	IS	52.1	10 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1
d9-EtFOSE	IS	48.8	10 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 03:41	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-5D

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-5D
Matrix: Aqueous
Date Collected: 15-May-20 10:09

Laboratory Data

Lab Sample: 2001090-02
Date Received: 19-May-20 10:08
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	28.4	0.810	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFPeA	2706-90-3	37.9	1.42	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFBS	375-73-5	28.7	1.99	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFHxA	307-24-4	89.8	2.42	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFHpA	375-85-9	51.6	0.657	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFHxS	355-46-4	50.7	1.05	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
6:2 FTS	27619-97-2	ND	2.22	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFOA	335-67-1	86.2	0.724	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFHpS	375-92-8	ND	1.04	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFNA	375-95-1	ND	0.900	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFOSA	754-91-6	4.59	1.97	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFOS	1763-23-1	16.7	0.897	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFDA	335-76-2	ND	1.66	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
8:2 FTS	39108-34-4	ND	2.29	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
MeFOSAA	2355-31-9	ND	1.83	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
EtFOSAA	2991-50-6	ND	1.52	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFUnA	2058-94-8	ND	1.17	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFDS	335-77-3	ND	1.37	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFDoA	307-55-1	ND	0.880	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
MeFOSA	31506-32-8	ND	4.26	22.2		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFTrDA	72629-94-8	ND	0.549	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFTeDA	376-06-7	ND	0.839	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
EtFOSA	4151-50-2	ND	5.68	22.2		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
PFHxDA	67905-19-5	ND	0.327	4.45		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
MeFOSE	24448-09-7	ND	6.75	22.2		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
EtFOSE	1691-99-2	ND	10.5	22.2		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.7	60 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C3-PFPeA	IS	76.7	60 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C3-PFBS	IS	95.7	60 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-PFHxA	IS	82.5	70 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C4-PFHpA	IS	76.6	60 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C3-PFHxS	IS	83.9	60 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-6:2 FTS	IS	90.5	40 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C5-PFNA	IS	85.7	50 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C8-PFOSA	IS	52.4	20 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-PFOA	IS	79.7	60 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C8-PFOS	IS	89.2	60 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1

Sample ID: GW-MW-5D

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-5D
Matrix: Aqueous
Date Collected: 15-May-20 10:09

Laboratory Data

Lab Sample: 2001090-02
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	72.5	60 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-8:2 FTS	IS	67.2	40 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
d3-MeFOSAA	IS	74.1	50 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-PFUnA	IS	80.1	60 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
d5-EtFOSAA	IS	85.1	50 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-PFDoA	IS	79.3	30 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
d3-MeFOSA	IS	26.6	10 - 130		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-PFTeDA	IS	66.0	20 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
d5-EtFOSA	IS	22.2	10 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
13C2-PFHxDA	IS	47.0	20 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
d7-MeFOSE	IS	51.5	10 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1
d9-EtFOSE	IS	45.6	10 - 150		B0E0170	26-May-20	0.112 L	03-Jun-20 03:52	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-1A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-1A
Matrix: Aqueous
Date Collected: 15-May-20 12:12

Laboratory Data

Lab Sample: 2001090-03
Date Received: 19-May-20 10:08
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.50	0.778	4.27	J	B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFPeA	2706-90-3	2.02	1.37	4.27	J	B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFBS	375-73-5	ND	1.91	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFHxA	307-24-4	2.64	2.33	4.27	J	B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFHpA	375-85-9	ND	0.631	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFHxS	355-46-4	1.80	1.01	4.27	J	B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
6:2 FTS	27619-97-2	ND	2.13	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFOA	335-67-1	4.47	0.695	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFHpS	375-92-8	ND	1.00	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFNA	375-95-1	ND	0.865	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFOSA	754-91-6	ND	1.89	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFOS	1763-23-1	ND	0.861	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFDA	335-76-2	ND	1.59	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
8:2 FTS	39108-34-4	ND	2.20	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
MeFOSAA	2355-31-9	ND	1.76	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
EtFOSAA	2991-50-6	ND	1.46	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFUnA	2058-94-8	ND	1.12	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFDS	335-77-3	ND	1.31	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFDoA	307-55-1	ND	0.845	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
MeFOSA	31506-32-8	ND	4.13	21.6		B0F0036	06-Jun-20	0.116 L	09-Jun-20 03:09	1
PFTrDA	72629-94-8	ND	0.527	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
PFTeDA	376-06-7	ND	0.806	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
EtFOSA	4151-50-2	ND	5.51	21.6		B0F0036	06-Jun-20	0.116 L	09-Jun-20 03:09	1
PFHxDA	67905-19-5	ND	0.314	4.27		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
MeFOSE	24448-09-7	ND	6.48	21.3		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
EtFOSE	1691-99-2	ND	10.1	21.3		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	112	60 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C3-PFPeA	IS	80.2	60 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C3-PFBS	IS	85.4	60 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C2-PFHxA	IS	85.4	70 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C4-PFHpA	IS	87.9	60 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C3-PFHxS	IS	83.7	60 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C2-6:2 FTS	IS	85.5	40 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C5-PFNA	IS	102	50 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C8-PFOSA	IS	47.7	20 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C2-PFOA	IS	87.5	60 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C8-PFOS	IS	85.8	60 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1

Sample ID: GW-AE-1A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-1A
Matrix: Aqueous
Date Collected: 15-May-20 12:12

Laboratory Data

Lab Sample: 2001090-03
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	83.6	60 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C2-8:2 FTS	IS	65.3	40 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
d3-MeFOSAA	IS	74.2	50 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C2-PFUnA	IS	72.7	60 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
d5-EtFOSAA	IS	82.8	50 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
13C2-PFDoA	IS	82.2	30 - 130		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
d3-MeFOSA	IS	36.4	10 - 130		B0F0036	06-Jun-20	0.116 L	09-Jun-20 03:09	1
13C2-PFTeDA	IS	55.7	20 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
d5-EtFOSA	IS	38.8	10 - 150		B0F0036	06-Jun-20	0.116 L	09-Jun-20 03:09	1
13C2-PFHxDA	IS	64.0	20 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
d7-MeFOSE	IS	35.3	10 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1
d9-EtFOSE	IS	34.3	10 - 150		B0E0170	26-May-20	0.117 L	03-Jun-20 04:02	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-1B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-1B

Matrix: Aqueous
Date Collected: 15-May-20 12:45

Laboratory Data

Lab Sample: 2001090-04
Date Received: 19-May-20 10:08

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	2.01	0.828	4.54	J	B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFPeA	2706-90-3	ND	1.45	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFBS	375-73-5	ND	2.03	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFHxA	307-24-4	2.80	2.47	4.54	J	B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFHpA	375-85-9	ND	0.671	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFHxS	355-46-4	1.88	1.07	4.54	J	B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
6:2 FTS	27619-97-2	ND	2.27	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFOA	335-67-1	5.61	0.739	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFHpS	375-92-8	ND	1.06	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFNA	375-95-1	ND	0.919	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFOSA	754-91-6	ND	2.01	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFOS	1763-23-1	ND	0.916	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFDA	335-76-2	ND	1.69	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
8:2 FTS	39108-34-4	ND	2.34	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
MeFOSAA	2355-31-9	ND	1.87	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
EtFOSAA	2991-50-6	ND	1.56	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFUnA	2058-94-8	ND	1.19	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFDS	335-77-3	ND	1.40	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFDoA	307-55-1	ND	0.899	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
MeFOSA	31506-32-8	ND	4.25	22.2		B0F0036	06-Jun-20	0.113 L	09-Jun-20 03:19	1
PFTrDA	72629-94-8	ND	0.561	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
PFTeDA	376-06-7	ND	0.857	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
EtFOSA	4151-50-2	ND	5.68	22.2		B0F0036	06-Jun-20	0.113 L	09-Jun-20 03:19	1
PFHxDA	67905-19-5	ND	0.334	4.54		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
MeFOSE	24448-09-7	ND	6.89	22.7		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
EtFOSE	1691-99-2	ND	10.7	22.7		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	125	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C3-PFPeA	IS	87.6	60 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C3-PFBS	IS	94.0	60 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C2-PFHxA	IS	88.7	70 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C4-PFHpA	IS	96.2	60 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C3-PFHxS	IS	107	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C2-6:2 FTS	IS	107	40 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C5-PFNA	IS	113	50 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C8-PFOSA	IS	49.2	20 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C2-PFOA	IS	96.7	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C8-PFOS	IS	88.9	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1

Sample ID: GW-AE-1B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-1B
Matrix: Aqueous
Date Collected: 15-May-20 12:45

Laboratory Data

Lab Sample: 2001090-04
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	91.6	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C2-8:2 FTS	IS	88.9	40 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
d3-MeFOSAA	IS	89.1	50 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C2-PFUnA	IS	90.8	60 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
d5-EtFOSAA	IS	92.7	50 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
13C2-PFDoA	IS	71.2	30 - 130		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
d3-MeFOSA	IS	18.5	10 - 130		B0F0036	06-Jun-20	0.113 L	09-Jun-20 03:19	1
13C2-PFTeDA	IS	74.1	20 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
d5-EtFOSA	IS	18.9	10 - 150		B0F0036	06-Jun-20	0.113 L	09-Jun-20 03:19	1
13C2-PFHxDA	IS	61.6	20 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
d7-MeFOSE	IS	42.9	10 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1
d9-EtFOSE	IS	43.1	10 - 150		B0E0170	26-May-20	0.110 L	03-Jun-20 04:12	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-20D1

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20D1

Matrix: Aqueous
Date Collected: 18-May-20 10:27

Laboratory Data

Lab Sample: 2001090-05
Date Received: 19-May-20 10:08

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.795	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFPeA	2706-90-3	ND	1.40	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFBS	375-73-5	ND	1.95	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFHxA	307-24-4	ND	2.38	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFHpA	375-85-9	1.29	0.645	4.36	J	B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFHxS	355-46-4	ND	1.03	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
6:2 FTS	27619-97-2	ND	2.18	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFOA	335-67-1	2.60	0.710	4.36	J	B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFHpS	375-92-8	ND	1.02	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFNA	375-95-1	ND	0.884	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFOSA	754-91-6	4.49	1.93	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFOS	1763-23-1	ND	0.880	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFDA	335-76-2	ND	1.63	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
8:2 FTS	39108-34-4	ND	2.25	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
MeFOSAA	2355-31-9	ND	1.80	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
EtFOSAA	2991-50-6	ND	1.49	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFUnA	2058-94-8	ND	1.15	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFDS	335-77-3	ND	1.34	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFDoA	307-55-1	ND	0.864	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
MeFOSA	31506-32-8	ND	4.17	21.8		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:30	1
PFTrDA	72629-94-8	ND	0.539	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
PFTeDA	376-06-7	ND	0.824	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
EtFOSA	4151-50-2	ND	5.56	21.8		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:30	1
PFHxDA	67905-19-5	ND	0.321	4.36		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
MeFOSE	24448-09-7	ND	6.62	21.8		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
EtFOSE	1691-99-2	ND	10.3	21.8		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	4.20	60 - 130	H	B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C3-PFPeA	IS	31.0	60 - 150	H	B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C3-PFBS	IS	81.0	60 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C2-PFHxA	IS	87.2	70 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C4-PFHpA	IS	97.8	60 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C3-PFHxS	IS	109	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C2-6:2 FTS	IS	96.4	40 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C5-PFNA	IS	105	50 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C8-PFOSA	IS	49.8	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C2-PFOA	IS	101	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C8-PFOS	IS	85.5	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1

Sample ID: GW-MW-20D1

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20D1
Matrix: Aqueous
Date Collected: 18-May-20 10:27

Laboratory Data

Lab Sample: 2001090-05
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	97.5	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C2-8:2 FTS	IS	100	40 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
d3-MeFOSAA	IS	79.4	50 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C2-PFUnA	IS	86.3	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
d5-EtFOSAA	IS	99.8	50 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
13C2-PFDoA	IS	75.3	30 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
d3-MeFOSA	IS	22.6	10 - 130		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:30	1
13C2-PFTeDA	IS	49.2	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
d5-EtFOSA	IS	22.4	10 - 150		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:30	1
13C2-PFHxDA	IS	54.4	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
d7-MeFOSE	IS	35.1	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1
d9-EtFOSE	IS	36.5	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:23	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-20D1 **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0E0170-MS1/B0E0170-MSD1	Source Lab Sample:	2001090-05
Project:	Coakley Landfill	QC Batch:	B0E0170	Date Extracted:	26-May-20
Matrix:	Aqueous	Samp Size:	0.114/0.111 L	Column:	BEH C18

Analyte	CAS Number	Sample (ng/L)	MS (ng/L)	MS Spike	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBA	375-22-4	ND	84.3	88.0	95.8		86.4	90.1	95.9	0.104		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFPeA	2706-90-3	ND	80.3	88.0	91.2		90.5	90.1	100	9.21		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFBS	375-73-5	ND	86.5	88.0	98.3		88.0	90.1	97.7	0.612		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFHxA	307-24-4	ND	79.6	88.0	89.5		87.8	90.1	96.5	7.53		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFHpA	375-85-9	1.29	83.7	88.0	93.6		83.5	90.1	91.2	2.60		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFHxS	355-46-4	ND	78.5	88.0	89.0		82.8	90.1	91.7	2.99		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
6:2 FTS	27619-97-2	ND	76.7	88.0	87.2		90.0	90.1	99.9	13.6		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFOA	335-67-1	2.60	79.7	88.0	87.6		79.7	90.1	85.6	2.31		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFHpS	375-92-8	ND	91.5	88.0	104		95.8	90.1	106	1.90		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFNA	375-95-1	ND	85.8	88.0	97.5		79.3	90.1	88.1	10.1		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFOSA	754-91-6	4.49	67.6	88.0	71.7		79.9	90.1	83.7	15.4		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFOS	1763-23-1	ND	107	88.0	122		102	90.1	113	7.66		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFDA	335-76-2	ND	93.9	88.0	107		85.5	90.1	94.9	12.0		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
8:2 FTS	39108-34-4	ND	79.3	88.0	90.2		79.9	90.1	88.6	1.79		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
MeFOSAA	2355-31-9	ND	109	88.0	123		78.9	90.1	87.6	33.6		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
EtFOSAA	2991-50-6	ND	86.2	88.0	97.9		80.7	90.1	89.6	8.85		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFUnA	2058-94-8	ND	94.5	88.0	107		84.5	90.1	93.8	13.1		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFDS	335-77-3	ND	97.0	88.0	110		74.7	90.1	82.9	28.1		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFDoA	307-55-1	ND	80.3	88.0	91.3		101	90.1	112	20.4		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
MeFOSA	31506-32-8	ND	419	440	95.3		492	451	109	13.4		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFTrDA	72629-94-8	ND	76.5	88.0	86.9		90.9	90.1	101	15.0		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFTeDA	376-06-7	ND	75.2	88.0	85.5		103	90.1	115	29.4		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
EtFOSA	4151-50-2	ND	440	440	100		438	451	97.1	2.94		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
PFHxDA	67905-19-5	ND	94.4	88.0	107		84.1	90.1	93.3	13.7		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
MeFOSE	24448-09-7	ND	383	440	87.1		343	451	76.0	13.6		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1
EtFOSE	1691-99-2	ND	413	440	93.8		439	451	97.3	3.66		60-130	50	03-Jun-20 03:20	1	03-Jun-20 03:31	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBA	IS	4.00	H	3.60	H	60-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C3-PFPeA	IS	27.9	H	27.3	H	60-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C3-PFBS	IS	73.1		75.7		60-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-PFHxA	IS	78.4		71.8		70-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C4-PFHpA	IS	82.7		81.5		60-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1

Sample ID: GW-MW-20D1 **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0E0170-MS1/B0E0170-MSD1	Source Lab Sample:	2001090-05
Project:	Coakley Landfill	QC Batch:	B0E0170	Date Extracted:	26-May-20
Matrix:	Aqueous	Samp Size:	0.114/0.111 L	Column:	BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFHxS	IS	96.1		98.5		60-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-6:2 FTS	IS	86.9		86.4		40-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C5-PFNA	IS	102		97.4		50-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C8-PFOSA	IS	60.2		49.7		20-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-PFOA	IS	89.9		85.4		60-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C8-PFOS	IS	79.5		87.7		60-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-PFDA	IS	73.8		81.2		60-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-8:2 FTS	IS	80.0		80.8		40-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
d3-MeFOSAA	IS	57.7		72.3		50-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-PFUnA	IS	72.5		82.5		60-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
d5-EtFOSAA	IS	92.3		75.4		50-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-PFDoA	IS	81.0		70.0		30-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
d3-MeFOSA	IS	19.2		14.7		10-130	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-PFTeDA	IS	61.6		59.4		20-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
d5-EtFOSA	IS	18.0		14.0		10-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
13C2-PFHxDA	IS	47.1		63.2		20-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
d7-MeFOSE	IS	32.8		30.1		10-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1
d9-EtFOSE	IS	35.1		31.9		10-150	03-Jun-20 03:20	1	03-Jun-20 03:31	1

Sample ID: GW-MW-20D1 **PFAS Isotope Dilution Method**

Name:	CES Inc.	Lab Sample:	B0F0036-MS1/B0F0036-MSD1	Source Lab Sample:	2001090-05
Project:	Coakley Landfill	QC Batch:	B0F0036	Date Extracted:	06-Jun-20
Matrix:	Aqueous	Samp Size:	0.113/0.114 L	Column:	BEH C18

Analyte	CAS Number	Sample (ng/L)	MS (ng/L)	MS Spike	MS % Rec	MS Quals	MSD (ng/L)	MSD Spike	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
MeFOSA	31506-32-8	ND	418	441	94.8		418	438	95.5	0.736		60-130	50	09-Jun-20 02:48	1	09-Jun-20 02:59	1
EtFOSA	4151-50-2	ND	438	441	99.4		429	438	98.0	1.42		60-130	50	09-Jun-20 02:48	1	09-Jun-20 02:59	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
d3-MeFOSA	IS	32.6		30.6		10-130	09-Jun-20 02:48	1	09-Jun-20 02:59	1
d5-EtFOSA	IS	29.1		27.9		10-150	09-Jun-20 02:48	1	09-Jun-20 02:59	1

Sample ID: GW-MW-20D1-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20D1
Matrix: Aqueous
Date Collected: 18-May-20 10:27

Laboratory Data

Lab Sample: 2001090-06
Date Received: 19-May-20 10:08
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.796	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFPeA	2706-90-3	ND	1.40	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFBS	375-73-5	ND	1.96	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFHxA	307-24-4	ND	2.38	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFHpA	375-85-9	0.944	0.645	4.37	J	B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFHxS	355-46-4	ND	1.03	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
6:2 FTS	27619-97-2	ND	2.18	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFOA	335-67-1	2.32	0.711	4.37	J	B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFHpS	375-92-8	ND	1.02	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFNA	375-95-1	ND	0.885	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFOSA	754-91-6	2.72	1.93	4.37	J	B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFOS	1763-23-1	ND	0.881	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFDA	335-76-2	ND	1.63	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
8:2 FTS	39108-34-4	ND	2.25	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
MeFOSAA	2355-31-9	ND	1.80	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
EtFOSAA	2991-50-6	ND	1.50	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFUnA	2058-94-8	ND	1.15	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFDS	335-77-3	ND	1.34	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFDoA	307-55-1	ND	0.865	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
MeFOSA	31506-32-8	ND	4.16	21.7		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:40	1
PFTrDA	72629-94-8	ND	0.540	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
PFTeDA	376-06-7	ND	0.825	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
EtFOSA	4151-50-2	ND	5.55	21.7		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:40	1
PFHxDA	67905-19-5	ND	0.321	4.37		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
MeFOSE	24448-09-7	ND	6.63	21.8		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
EtFOSE	1691-99-2	ND	10.3	21.8		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	3.60	60 - 130	H	B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C3-PFPeA	IS	30.3	60 - 150	H	B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C3-PFBS	IS	83.1	60 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C2-PFHxA	IS	84.6	70 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C4-PFHpA	IS	89.7	60 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C3-PFHxS	IS	107	60 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C2-6:2 FTS	IS	70.5	40 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C5-PFNA	IS	102	50 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C8-PFOSA	IS	44.9	20 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C2-PFOA	IS	99.0	60 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C8-PFOS	IS	97.9	60 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1

Sample ID: GW-MW-20D1-DUP

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20D1

Matrix: Aqueous
Date Collected: 18-May-20 10:27

Laboratory Data

Lab Sample: 2001090-06
Date Received: 19-May-20 10:08

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	89.9	60 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C2-8:2 FTS	IS	97.5	40 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
d3-MeFOSAA	IS	80.6	50 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C2-PFUnA	IS	92.2	60 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
d5-EtFOSAA	IS	97.4	50 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
13C2-PFDoA	IS	91.9	30 - 130		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
d3-MeFOSA	IS	33.2	10 - 130		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:40	1
13C2-PFTeDA	IS	76.1	20 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
d5-EtFOSA	IS	30.7	10 - 150		B0F0036	06-Jun-20	0.115 L	09-Jun-20 03:40	1
13C2-PFHxDA	IS	71.5	20 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
d7-MeFOSE	IS	24.9	10 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1
d9-EtFOSE	IS	25.6	10 - 150		B0E0170	26-May-20	0.114 L	03-Jun-20 04:33	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-20D2

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20D2
Matrix: Aqueous
Date Collected: 18-May-20 11:56

Laboratory Data

Lab Sample: 2001090-07
Date Received: 19-May-20 10:08
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.790	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFPeA	2706-90-3	2.94	1.39	4.33	J	B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFBS	375-73-5	ND	1.94	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFHxA	307-24-4	3.15	2.36	4.33	J	B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFHpA	375-85-9	3.19	0.640	4.33	J	B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFHxS	355-46-4	2.48	1.03	4.33	J	B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
6:2 FTS	27619-97-2	ND	2.17	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFOA	335-67-1	11.2	0.705	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFHpS	375-92-8	ND	1.02	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFNA	375-95-1	ND	0.878	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFOSA	754-91-6	ND	1.92	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFOS	1763-23-1	ND	0.874	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFDA	335-76-2	ND	1.61	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
8:2 FTS	39108-34-4	ND	2.23	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
MeFOSAA	2355-31-9	ND	1.79	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
EtFOSAA	2991-50-6	ND	1.48	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFUnA	2058-94-8	ND	1.14	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFDS	335-77-3	ND	1.33	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFDoA	307-55-1	ND	0.858	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
MeFOSA	31506-32-8	ND	4.15	21.7		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFTrDA	72629-94-8	ND	0.535	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFTeDA	376-06-7	ND	0.818	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
EtFOSA	4151-50-2	ND	5.54	21.7		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
PFHxDA	67905-19-5	ND	0.319	4.33		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
MeFOSE	24448-09-7	ND	6.58	21.7		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
EtFOSE	1691-99-2	ND	10.2	21.7		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	3.30	60 - 130	H	B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C3-PFPeA	IS	26.1	60 - 150	H	B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C3-PFBS	IS	72.6	60 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-PFHxA	IS	80.3	70 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C4-PFHpA	IS	89.2	60 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C3-PFHxS	IS	103	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-6:2 FTS	IS	93.5	40 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C5-PFNA	IS	97.6	50 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C8-PFOSA	IS	58.7	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-PFOA	IS	91.1	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C8-PFOS	IS	93.2	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1

Sample ID: GW-MW-20D2

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20D2
Matrix: Aqueous
Date Collected: 18-May-20 11:56

Laboratory Data

Lab Sample: 2001090-07
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	93.7	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-8:2 FTS	IS	77.9	40 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
d3-MeFOSAA	IS	67.5	50 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-PFUnA	IS	83.3	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
d5-EtFOSAA	IS	109	50 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-PFDoA	IS	90.7	30 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
d3-MeFOSA	IS	30.0	10 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-PFTeDA	IS	62.4	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
d5-EtFOSA	IS	25.3	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
13C2-PFHxDA	IS	55.5	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
d7-MeFOSE	IS	33.2	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1
d9-EtFOSE	IS	32.2	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 04:44	1

MDL - Method Detection Limit
RL - Reporting limit
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-20S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20S
Matrix: Aqueous
Date Collected: 18-May-20 12:53

Laboratory Data

Lab Sample: 2001090-08
Date Received: 19-May-20 10:08
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.806	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFPeA	2706-90-3	ND	1.42	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFBS	375-73-5	ND	1.98	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFHxA	307-24-4	ND	2.41	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFHpA	375-85-9	ND	0.654	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFHxS	355-46-4	ND	1.05	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
6:2 FTS	27619-97-2	ND	2.21	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFOA	335-67-1	ND	0.720	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFHpS	375-92-8	ND	1.04	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFNA	375-95-1	ND	0.896	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFOSA	754-91-6	ND	1.96	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFOS	1763-23-1	ND	0.893	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFDA	335-76-2	ND	1.65	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
8:2 FTS	39108-34-4	ND	2.28	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
MeFOSAA	2355-31-9	ND	1.82	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
EtFOSAA	2991-50-6	ND	1.52	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFUnA	2058-94-8	ND	1.16	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFDS	335-77-3	ND	1.36	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFDoA	307-55-1	ND	0.876	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
MeFOSA	31506-32-8	ND	4.24	22.1		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFTrDA	72629-94-8	ND	0.546	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFTeDA	376-06-7	ND	0.835	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
EtFOSA	4151-50-2	ND	5.65	22.1		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
PFHxDA	67905-19-5	ND	0.325	4.42		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
MeFOSE	24448-09-7	ND	6.71	22.1		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
EtFOSE	1691-99-2	ND	10.4	22.1		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	132	60 - 130	H	B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C3-PFPeA	IS	87.9	60 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C3-PFBS	IS	88.2	60 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-PFHxA	IS	90.4	70 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C4-PFHpA	IS	91.7	60 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C3-PFHxS	IS	86.4	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-6:2 FTS	IS	89.2	40 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C5-PFNA	IS	91.2	50 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C8-PFOSA	IS	57.8	20 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-PFOA	IS	90.3	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C8-PFOS	IS	95.1	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1

Sample ID: GW-MW-20S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-20S
Matrix: Aqueous
Date Collected: 18-May-20 12:53

Laboratory Data

Lab Sample: 2001090-08
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	88.6	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-8:2 FTS	IS	96.1	40 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
d3-MeFOSAA	IS	77.9	50 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-PFUnA	IS	62.1	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
d5-EtFOSAA	IS	90.0	50 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-PFDoA	IS	104	30 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
d3-MeFOSA	IS	16.0	10 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-PFTeDA	IS	67.3	20 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
d5-EtFOSA	IS	14.4	10 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
13C2-PFHxDA	IS	58.9	20 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
d7-MeFOSE	IS	36.3	10 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1
d9-EtFOSE	IS	44.8	10 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 04:54	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-OP-5

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: OP-5

Matrix: Aqueous
Date Collected: 18-May-20 14:09

Laboratory Data

Lab Sample: 2001090-09
Date Received: 19-May-20 10:08

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.803	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFPeA	2706-90-3	ND	1.41	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFBS	375-73-5	ND	1.97	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFHxA	307-24-4	ND	2.40	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFHpA	375-85-9	ND	0.651	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFHxS	355-46-4	ND	1.04	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
6:2 FTS	27619-97-2	ND	2.20	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFOA	335-67-1	2.76	0.717	4.41	J	B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFHpS	375-92-8	ND	1.03	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFNA	375-95-1	ND	0.893	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFOSA	754-91-6	7.14	1.95	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFOS	1763-23-1	ND	0.889	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFDA	335-76-2	ND	1.64	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
8:2 FTS	39108-34-4	ND	2.27	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
MeFOSAA	2355-31-9	ND	1.82	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
EtFOSAA	2991-50-6	ND	1.51	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFUnA	2058-94-8	ND	1.16	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFDS	335-77-3	ND	1.36	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFDoA	307-55-1	ND	0.873	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
MeFOSA	31506-32-8	ND	4.22	22.0		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFTrDA	72629-94-8	ND	0.544	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFTeDA	376-06-7	ND	0.832	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
EtFOSA	4151-50-2	ND	5.63	22.0		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
PFHxDA	67905-19-5	ND	0.324	4.41		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
MeFOSE	24448-09-7	ND	6.69	22.0		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
EtFOSE	1691-99-2	ND	10.4	22.0		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	118	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C3-PFPeA	IS	79.1	60 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C3-PFBS	IS	94.2	60 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-PFHxA	IS	81.0	70 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C4-PFHpA	IS	76.8	60 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C3-PFHxS	IS	106	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-6:2 FTS	IS	87.0	40 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C5-PFNA	IS	79.9	50 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C8-PFOSA	IS	47.6	20 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-PFOA	IS	87.0	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C8-PFOS	IS	93.3	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1

Sample ID: GW-OP-5

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: OP-5
Matrix: Aqueous
Date Collected: 18-May-20 14:09

Laboratory Data

Lab Sample: 2001090-09
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	71.9	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-8:2 FTS	IS	80.3	40 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
d3-MeFOSAA	IS	68.5	50 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-PFUnA	IS	79.5	60 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
d5-EtFOSAA	IS	78.0	50 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-PFDoA	IS	82.2	30 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
d3-MeFOSA	IS	15.1	10 - 130		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-PFTeDA	IS	62.8	20 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
d5-EtFOSA	IS	15.6	10 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
13C2-PFHxDA	IS	58.0	20 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
d7-MeFOSE	IS	42.2	10 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1
d9-EtFOSE	IS	47.9	10 - 150		B0E0170	26-May-20	0.113 L	03-Jun-20 05:04	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-BP-4

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: BP-4

Matrix: Aqueous
Date Collected: 18-May-20 14:55

Laboratory Data

Lab Sample: 2001090-10
Date Received: 19-May-20 10:08

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.43	0.796	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFPeA	2706-90-3	10.9	1.40	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFBS	375-73-5	2.60	1.95	4.37	J	B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFHxA	307-24-4	18.1	2.38	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFHpA	375-85-9	28.0	0.645	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFHxS	355-46-4	11.0	1.03	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
6:2 FTS	27619-97-2	ND	2.18	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFOA	335-67-1	64.4	0.711	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFHpS	375-92-8	ND	1.02	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFNA	375-95-1	1.83	0.884	4.37	J	B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFOSA	754-91-6	7.97	1.93	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFOS	1763-23-1	6.98	0.881	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFDA	335-76-2	ND	1.63	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
8:2 FTS	39108-34-4	ND	2.25	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
MeFOSAA	2355-31-9	ND	1.80	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
EtFOSAA	2991-50-6	ND	1.50	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFUnA	2058-94-8	ND	1.15	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFDS	335-77-3	ND	1.34	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFDoA	307-55-1	ND	0.864	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
MeFOSA	31506-32-8	ND	4.18	21.8		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFTrDA	72629-94-8	ND	0.539	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFTeDA	376-06-7	ND	0.824	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
EtFOSA	4151-50-2	ND	5.58	21.8		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
PFHxDA	67905-19-5	ND	0.321	4.37		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
MeFOSE	24448-09-7	ND	6.63	21.8		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
EtFOSE	1691-99-2	ND	10.3	21.8		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	111	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C3-PFPeA	IS	82.9	60 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C3-PFBS	IS	99.1	60 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-PFHxA	IS	86.5	70 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C4-PFHpA	IS	83.0	60 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C3-PFHxS	IS	84.3	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-6:2 FTS	IS	80.3	40 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C5-PFNA	IS	92.4	50 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C8-PFOSA	IS	44.9	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-PFOA	IS	76.5	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C8-PFOS	IS	63.3	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1

Sample ID: GW-BP-4

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: BP-4
Matrix: Aqueous
Date Collected: 18-May-20 14:55

Laboratory Data

Lab Sample: 2001090-10
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	84.6	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-8:2 FTS	IS	86.1	40 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
d3-MeFOSAA	IS	71.8	50 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-PFUnA	IS	74.0	60 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
d5-EtFOSAA	IS	84.2	50 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-PFDoA	IS	66.2	30 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
d3-MeFOSA	IS	23.1	10 - 130		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-PFTeDA	IS	56.7	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
d5-EtFOSA	IS	21.7	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
13C2-PFHxDA	IS	47.6	20 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
d7-MeFOSE	IS	42.4	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1
d9-EtFOSE	IS	44.2	10 - 150		B0E0170	26-May-20	0.115 L	03-Jun-20 05:15	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-11

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-11
Matrix: Aqueous
Date Collected: 18-May-20 15:59

Laboratory Data

Lab Sample: 2001090-11
Date Received: 19-May-20 10:08
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	49.5	0.823	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFPeA	2706-90-3	105	1.45	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFBS	375-73-5	9.95	2.02	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFHxA	307-24-4	204	2.46	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFHpA	375-85-9	412	0.667	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFHxS	355-46-4	58.9	1.07	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
6:2 FTS	27619-97-2	ND	2.26	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFOA	335-67-1	812	0.735	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFHpS	375-92-8	10.5	1.06	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFNA	375-95-1	109	0.915	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFOSA	754-91-6	15.0	2.00	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFOS	1763-23-1	395	0.911	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFDA	335-76-2	5.77	1.68	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
8:2 FTS	39108-34-4	ND	2.33	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
MeFOSAA	2355-31-9	ND	1.86	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
EtFOSAA	2991-50-6	ND	1.55	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFUnA	2058-94-8	ND	1.19	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFDS	335-77-3	ND	1.39	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFDoA	307-55-1	ND	0.894	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
MeFOSA	31506-32-8	ND	4.33	22.6		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFTrDA	72629-94-8	ND	0.558	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFTeDA	376-06-7	ND	0.853	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
EtFOSA	4151-50-2	ND	5.77	22.6		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
PFHxDA	67905-19-5	ND	0.332	4.52		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
MeFOSE	24448-09-7	ND	6.85	22.6		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
EtFOSE	1691-99-2	ND	10.7	22.6		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.2	60 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C3-PFPeA	IS	77.4	60 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C3-PFBS	IS	86.7	60 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-PFHxA	IS	79.0	70 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C4-PFHpA	IS	81.4	60 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C3-PFHxS	IS	88.0	60 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-6:2 FTS	IS	58.2	40 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C5-PFNA	IS	82.8	50 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C8-PFOSA	IS	39.4	20 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-PFOA	IS	76.7	60 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C8-PFOS	IS	69.1	60 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1

Sample ID: GW-MW-11

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-11
Matrix: Aqueous
Date Collected: 18-May-20 15:59

Laboratory Data

Lab Sample: 2001090-11
Date Received: 19-May-20 10:08
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	84.8	60 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-8:2 FTS	IS	68.1	40 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
d3-MeFOSAA	IS	70.0	50 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-PFUnA	IS	83.3	60 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
d5-EtFOSAA	IS	73.0	50 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-PFDoA	IS	60.3	30 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
d3-MeFOSA	IS	19.0	10 - 130		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-PFTeDA	IS	61.7	20 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
d5-EtFOSA	IS	17.4	10 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
13C2-PFHxDA	IS	57.0	20 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
d7-MeFOSE	IS	47.9	10 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1
d9-EtFOSE	IS	40.1	10 - 150		B0E0170	26-May-20	0.111 L	03-Jun-20 05:56	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001090 Temp: 1.3 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley landfill PO#: Sampler: Keith Davis (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Keith Wood	5-18-20	1730	Bethina Benedict Bethina Benedict	05/19/20	1008

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN:

Method of Shipment: Fedex
Tracking No.: 814591048180

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Type	Matrix	PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: List of 26 Please attach analyte list	PFAS by Isotope Dilution PFOA/ PFOS	PFAS by Isotope Dilution UCMR3 PFAS List:6	PFAS by Isotope Dilution 537.1 List of 14	PFAS by Isotope Dilution 537.1 List of 18	EPA Method 537 (DW only)	Comments
GW-MW-55	5-15-20	0903	MW-55								X						
GW-MW-5D	5-15-20	1009	MW-5D								X						
GW-AE-1A	↓	1212	AE-1A								X						
GW-AE-1B	↓	1245	AE-1B								X						
GW-MW-20D1	5-18-20	1027	MW-20D1								X						
GW-MW-20D1-DUP	↓	1027	↓								X						
GW-MW-20D1-MS	↓	1027	↓								X						
GW-MW-20D1-MSD	↓	1027	↓								X						
GW-MW-20D2	↓	1156	MW-20D2								X						
GW-MW-20S	↓	1253	MW-20S								X						

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Beckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 2077945000 syerina@cesincusa.com
Email: cbeckman@cesincusa.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001090 Temp: 1.3 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley Landfill PO#: Sampler: Keith Davis (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Keith Davis	5-18-20	1736	Bethnia Benedict	05/19/20	1008

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN:

Method of Shipment: fedex
Tracking No.: 814591040180

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Container(s) Type	Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	PFAS by Isotope Dilution: UCMR3 PFAS List:6	PFAS by Isotope Dilution: 537.1 List: 14 or 18 (Circle One)	PFAS by Isotope Dilution: EPA Draft List of 24	PFAS by Isotope Dilution: OTHER: List of 24 Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	EPA Method 537 (DW only): UCMR3 PFAS List:6	EPA Method 537 (DW only): 537.1 List of 14	EPA Method 537 (DW only): 537.1 List of 18	Comments
GW-OP-5	5-18-20	1409	OP-5								X					
GW-BP-4	↓	1455	BP-4								X					
GW-MW-11	↓	1559	MW-11								X					

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Beckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 2077954009 Email: cbeckman@cesinc.com; sgerring@cesinc.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001090 TAT Std

Samples Arrival:	**Date/Time** 05/19/20 1008		**Initials:** JBB		**Location:** WR-2 **Shelf/Rack:** NA		
Delivered By:	FedEx	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	Ice		Blue Ice		Dry Ice		None
Temp °C: 1.3 (uncorrected) **Temp °C:** 1.3 (corrected)			**Probe used:** Y (N)		**Thermometer ID:** IR-4		

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Airbill — Trk # 8145 9104 0180	✓		
Shipping Documentation Present?	✓		
Shipping Container: (Vista) Client (Retain) Return		Dispose	
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	**Date/Time** 05/20/20 0926	**Initials:** MMS	**Location:** R-13, WR-2 **Shelf/Rack:** R-3, R-5, E-4
COC Anomaly/Sample Acceptance Form completed?	✓		

Comments:

CoC/Label Reconciliation Report WO# 2001090

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2001090-01	A GW-MW-5S	MW-5S	15-May-20 09:03	HDPE Bottle, 125 mL	Aqueous	
2001090-01	B GW-MW-5S	MW-5S	15-May-20 09:03	HDPE Bottle, 125 mL	Aqueous	
2001090-02	A GW-MW-5D	MW-5D	15-May-20 10:09	HDPE Bottle, 125 mL	Aqueous	
2001090-02	B GW-MW-5D	MW-5D	15-May-20 10:09	HDPE Bottle, 125 mL	Aqueous	
2001090-03	A GW-AE-1A	AE-1A	15-May-20 12:12	HDPE Bottle, 125 mL	Aqueous	
2001090-03	B GW-AE-1A	AE-1A	15-May-20 12:12	HDPE Bottle, 125 mL	Aqueous	
2001090-04	A GW-AE-1B	AE-1B	15-May-20 12:45	HDPE Bottle, 125 mL	Aqueous	
2001090-04	B GW-AE-1B	AE-1B	15-May-20 12:45	HDPE Bottle, 125 mL	Aqueous	
2001090-05	A GW-MW-20D1	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001090-05	B GW-MW-20D1	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001090-05	C GW-MW-20D1	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001090-05	D GW-MW-20D1	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001090-05	E GW-MW-20D1	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001090-05	F GW-MW-20D1	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	MS/MSD
2001090-06	A GW-MW-20D1-DUP	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	
2001090-06	B GW-MW-20D1-DUP	MW-20D1	18-May-20 10:27	HDPE Bottle, 125 mL	Aqueous	
2001090-07	A GW-MW-20D2	MW-20D2	18-May-20 11:56	HDPE Bottle, 125 mL	Aqueous	
2001090-07	B GW-MW-20D2	MW-20D2	18-May-20 11:56	HDPE Bottle, 125 mL	Aqueous	
2001090-08	A GW-MW-20S	MW-20S	18-May-20 12:53	HDPE Bottle, 125 mL	Aqueous	
2001090-08	B GW-MW-20S	MW-20S	18-May-20 12:53	HDPE Bottle, 125 mL	Aqueous	
2001090-09	A GW-OP-5	OP-5	18-May-20 14:09	HDPE Bottle, 125 mL	Aqueous	
2001090-09	B GW-OP-5	OP-5	18-May-20 14:09	HDPE Bottle, 125 mL	Aqueous	
2001090-10	A GW-BP-4	BP-4	18-May-20 14:55	HDPE Bottle, 125 mL	Aqueous	
2001090-10	B GW-BP-4	BP-4	18-May-20 14:55	HDPE Bottle, 125 mL	Aqueous	
2001090-11	A GW-MW-11	MW-11	18-May-20 15:59	HDPE Bottle, 125 mL	Aqueous	
2001090-11	B GW-MW-11	MW-11	18-May-20 15:59	HDPE Bottle, 125 mL	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma None Other		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments:

Verifed by/Date: MWS 05/20/20

Vista Analytical Laboratory

ANOMALY FORM

Vista Work Order 2001090

Initial/Date		The following checked issues were noted during sample receipt and login:
_____	☐	**1. The samples were received out of temperature at (WI-PHT):** _____ Was Ice present: Yes No Melted Blue Ice
_____	☐	2. The Chain-of-Custody (CoC) was not relinquished properly.
_____	☐	3. The CoC did not include collection time(s). 00:00 will be used unless notified otherwise.
_____	☐	4. The sample(s) did not include a sample collection time. All or Sample Name: _____
_____	☐	5. A sample ID discrepancy was found. See the Reconciliation report. The CoC Sample ID will be used unless notified otherwise.
_____	☐	6. A sample date and/or time discrepancy was found. See the Reconciliation report. The CoC Sample date/time will be used unless notified otherwise.
WLS 05/20/20	☑	**7. The CoC did not include a sample matrix. The following sample matrix will be used:** aqueous
_____	☐	**8. Insufficent volume received for analysis. All or Sample Name:** _____
_____	☐	9. The backup bottle was received broken. Sample Name: _____
_____	☐	**10. CoC not received, illegible or destroyed.**
_____	☐	**11. The sample(s) were received out of holding time. All or Sample Name:** _____
_____	☐	**12. The CoC did not include an analysis. All or Sample Name:** _____
_____	☐	**13. Sample(s) received without collection date. All or Sample Name:** _____
_____	☐	**14. Sample(s) not received. All or Sample Name:** _____
_____	☐	**15. Sample(s) received broken. All or Sample Name:** _____
_____	☐	**16. An incorrect container-type was used. All or Sample Name:** _____
_____	☐	17. Other:

Bolded items require sign-off

Client Contacted: Suzanne Yerina

Date of Contact: 05/20/20

Vista Client Manager: Jade White

Resolution:

EXTRACTION INFORMATION

Process Sheet

Workorder: 2001090

Prep Expiration: 2020-05-29
Client: CES Inc.

Workorder Due: 10-Jun-20 00:00
TAT: 22

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOE0170

Prep Data Entered: ONL 05/27/20
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: SOF0003

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001090-01	A	☑	☑	GW-MW-5S		R-13 A-3	HDPE Bottle, 125 mL
2001090-02	↓	☑	☑	GW-MW-5D		R-13 A-3	HDPE Bottle, 125 mL
2001090-03	↓	☑	☑	GW-AE-1A		R-13 A-3	HDPE Bottle, 125 mL
2001090-04	↓	☑	☑	GW-AE-1B	✓✓ ✓✓	R-13 A-3	HDPE Bottle, 125 mL
2001090-05	ABC	☑	☑	GW-MW-20D1	**MS/MSD**	R-13 A-3	HDPE Bottle, 125 mL
2001090-06	A	☑	☑	GW-MW-20D1-DUP		R-13 A-3	HDPE Bottle, 125 mL
2001090-07	↓	☑	☑	GW-MW-20D2		R-13 A-3	HDPE Bottle, 125 mL
2001090-08	↓	☑	☑	GW-MW-20S		R-13 A-3	HDPE Bottle, 125 mL
2001090-09	↓	☑	☑	GW-OP-5		R-13 A-3	HDPE Bottle, 125 mL
2001090-10	↓	☑	☑	GW-BP-4		R-13 A-3	HDPE Bottle, 125 mL
2001090-11	↓	☑	☑	GW-MW-11		R-13 A-3	HDPE Bottle, 125 mL

WO Comments: **% Solids 7-Day HT**
Report to MDL

Pre-Prep Check Out: CHT 05121/20
Pre-Prep Check In: CHT 05121/20

Prep Check Out: HR 05/26/20
Prep Check In: N/A

Prep Reconciled Initals/Date: CHT 05121/20
Spike Reconciled Initals/Date: HR 05/26/20
VialBoxID: See Ya

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0E0170

Chemist: HR

Prep Date: 05/26/20

Prep Time: 07:33

Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☑ Centrifuge ID: C3

Rec Date/Initals: HR 05/27/20 | Date/Initals: 05/21/20 CHT | BalanceID: HRNS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation	RS CHEM/WIT DATE
☑	B0E0170-BLK1	☑	☑	5	0	NA	NA	(0.125)	HR INV 05/26/20	HR ** 05/26	NIA	NIA
☑	B0E0170-BS1	☑	☑	5	0	↓	↓	(0.125)				
☐	B0E0170-MS1 2001090-05	☑	☑	11	0	140.18	26.56	0.11362				
☐	B0E0170-MSD1 2001090-05	☑	☑	11	0	137.61	26.64	0.11097				
☑	2001090-01 ②③	☑	☑	6	0	136.40	26.74	0.10966				
☑	2001090-02	☑	☑	6	0	139.09	26.63	0.11246				
☐	2001090-03	☑	☑	6	0	143.78	26.67	0.11711				
☐	2001090-04 ③	☑	☑	6	0	136.79	26.67	0.11012				
☐	2001090-05	☑	☑	11	0	141.04	26.45	0.11459				
☐	2001090-06	☑	☑	11	0	140.93	26.48	0.11445				
☐	2001090-07	☑	☑	11	0	141.73	26.37	0.11536				
☐	2001090-08	☑	☑	5	0	139.66	26.64	0.11302				
☐	2001090-09 ③	☑	☑	5	0	140.06	26.63	0.11343				
☑	2001090-10 ②	☑	☑	6	0	140.85	26.33	0.11452				

IS: 20CP903, 10mL, V7

IS SUP: 20D2301, 20mL, V6

NS: 20C1803, 10mL, V8

NS SUP: NIA

RS: NIA

SPE Chem: ~~Strata-XL-AW, 100um/g/mL~~ *

SPE Lot#: S18-0008603

ENVI-Carb Lot#: NIA

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes: ② HR 05/26/20

* AW 05/26/20 100um, 200mg/6mL

** 05/26/20 HR 05/26/20

③ HR 05/26/20

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0E0170

Chemist: HR

Prep Date: 05/26/20

Prep Time: 07:33

Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☑ Centrifuge ID: C3

Rec Date/Initals: HR 05/27/20 | Date/Initals: CH 05/21/20 | BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation	RS CHEM/WIT DATE
☑	2001090-11 (2)(3)	☑	☑	6	0	137.31	26.62	0.11069	HR ON 05/26/20	HR 05/26/20	N/A	N/A

IS: 20C1903, 10mL (V7)

IS SUP: 20D2301, 20mL (V6)

NS: 20C1203, 10mL (V8)

NS SUP: N/A

RS: N/A

SPE Chem: Strata-XL-AW, 100um, 200mg/mL

SPE Lot#: S18-0008863

ENVI-Carb Lot#: N/A

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes: (2) HR 05/26/20
(3) HR 05/26/20

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0E0170

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001090-01	**0.10966**	NA	NA	**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-02	**0.11246**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-03	**0.11711**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-04	**0.11012**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-05	**0.11459**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-06	**0.11445**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-07	**0.11536**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-08	**0.11302**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-09	**0.11343**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-10	**0.11452**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
2001090-11	**0.11069**			**1000**	**26-May-20 07:33**	**HNR**			Aqueous	537M PFAS
B0E0170-BLK1	**0.125**			**1000**	**26-May-20 07:33**	**HNR**				QC
B0E0170-BS1	**0.125**			**1000**	**26-May-20 07:33**	**HNR**	**20C1203**	**10**		QC
B0E0170-MS1	**0.11362**			**1000**	**26-May-20 07:33**	**HNR**	**20C1203**	**10**		QC
B0E0170-MSD1	**0.11097**			**1000**	**26-May-20 07:33**	**HNR**	**20C1203**	**10**		QC

All bolded data on report verified against written benchsheet by (initial/date) CNL 05/27/20

Printed: 5/27/2020 7:08:04AM
Page 1 of 1

RX 7R 06/05/2020

Process Sheet
Workorder: 2001090

Prep Expiration: 2020-05-29
Client: CES Inc.

Workorder Due: 10-Jun-20 00:00
TAT: 22

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOF0036

Prep Data Entered: ITR 06/07/20
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: SOF0023

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
~~2001090-01~~		☐	☐	~~GW-MW-5S~~		~~R-13 A-3~~	~~HDPE Bottle, 125 mL~~
~~2001090-02~~		☐	☐	~~GW-MW-5D~~		~~R-13 A-3~~	~~HDPE Bottle, 125 mL~~
2001090-03	B	☑	☑	GW-AE-1A		R-13 A-3	HDPE Bottle, 125 mL
2001090-04	↓	☑	☑	GW-AE-1B		R-13 A-3	HDPE Bottle, 125 mL
2001090-05	DEF	☑	☑	GW-MW-20D1	**MS/MSD**	R-13 A-3	HDPE Bottle, 125 mL
2001090-06	B	☑	☑	GW-MW-20D1-DUP		R-13 A-3	HDPE Bottle, 125 mL
2001090-07	↓	☑	☑	GW-MW-20D2		R-13 A-3	HDPE Bottle, 125 mL
~~2001090-08~~		☐	☐	~~GW-MW-20S~~		~~R-13 A-3~~	~~HDPE Bottle, 125 mL~~
2001090-09	~~B~~	☐	☐	~~GW-OP-5~~		R-13 A-3	HDPE Bottle, 125 mL
2001090-10	CHT 06/05/20	☐	☐	GW-BP-4		~~R-13 A-3~~	HDPE Bottle, 125 mL
~~2001090-11~~		☐	☐	~~GW-MW-11~~		~~R-13 A-3~~	~~HDPE Bottle, 125 mL~~

WO Comments: **% Solids 7-Day HT**
Report to MDL

Pre-Prep Check Out: CHT 06/05/20
Pre-Prep Check In: CHT 06/05/20

Prep Check Out: R 06/06/20
Prep Check In: NA

Prep Reconciled Initals/Date: CHT 06/05/20
Spike Reconciled Initals/Date: R 06/06/20
VialBoxID: Lion King

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0F0036

Chemist: M

Prep Date: 06/06/20

Prep Time: 07:09

Hood#: 16

Prepared using: ☐ Sonication Shaker ☒ SPE Extraction ☐ Centrifuge ID: _____

Rec Date/Initals: ONL 06/07/20

Date/Initals: CHT 06/05/20

BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☐	B0F0036-BLK1	☑	☑	5	0	NA	NA	(0.125)	M 06/06/20	M 06/06/20	NA
☐	B0F0036-BS1	☑	☑	5	0	↓	↓	(0.125)	↓	↓	↓
☐	B0F0036-MS1 2001090-05RE1	☑	☑	10	0	139.96	26.54	0.11342	↓	↓	↓
☐	B0F0036-MSD1 2001090-05RE1	☑	☑	10	0	140.71	26.46	0.11425	↓	↓	↓
☐	2001090-03RE1	☑	☑	5	0	142.61	26.74	0.11587	↓	↓	↓
☐	2001090-04RE1	☑	☑	5	0	139.20	26.68	0.11252	↓	↓	↓
☐	2001090-05RE1	☑	☑	10	0	141.54	26.67	0.11487	↓	↓	↓
☐	2001090-06RE1	☑	☑	10	0	141.41	26.28	0.11513	↓	↓	↓
☐	2001090-07RE1	☑	☑	10	0	138.74	26.44	0.11230	↓	↓	↓

IS: 20E1201 (V13) 10µL

IS SUP: 20D2301 (V4) 20µL

NS: 20E1202 (V14) 10mL

NS SUP: NA

SPE Chem: Strata XAW 33µm 200mg/6mL

SPE Lot#: 519-0006238

ENVI-Carb Lot#: NA

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes:

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0F0036

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001090-03RE1	0.11587	N/A	N/A	1000	06-Jun-20 07:09	JJC			Aqueous	537M PFAS
2001090-04RE1	0.11252			1000	06-Jun-20 07:09	JJC			Aqueous	537M PFAS
2001090-05RE1	0.11487			1000	06-Jun-20 07:09	JJC			Aqueous	537M PFAS
2001090-06RE1	0.11513			1000	06-Jun-20 07:09	JJC			Aqueous	537M PFAS
2001090-07RE1	0.1123			1000	06-Jun-20 07:09	JJC			Aqueous	537M PFAS
B0F0036-BLK1	0.125			1000	06-Jun-20 07:09	JJC				QC
B0F0036-BS1	0.125			1000	06-Jun-20 07:09	JJC	20E1202	10		QC
B0F0036-MS1	0.11342			1000	06-Jun-20 07:09	JJC	20E1202	10		QC
B0F0036-MSD1	0.11425			1000	06-Jun-20 07:09	JJC	20E1202	10		QC

All bolded data on report verified against written benchsheet by (initial/date) HR 06/07/20

Printed: 6/7/2020 5:49:07AM
Page 1 of 1

Sample Data – PFAS Isotope Dilution Method

Vista Analytical Laboratory L26

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		2.33e3	0.125		1.30						
2	4	PFPeA	263.1 > 218.9		3.49e3	0.125		2.25						
3	5	PFBS	299.0 > 79.7		8.73e2	0.125		2.53						YES
4	7	PFHxA	313.0 > 269.0		6.51e3	0.125		3.05						YES
5	11	PFHpA	363.0 > 318.9		4.28e3	0.125		3.65						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.33e3		0.125	174.310	1.30	1.30	2330	106.7784	106.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.49e3		0.125	355.452	2.24	2.25	3490	78.5027	78.5		
8	51	13C3-PFBS-EIS	302.0 > 99	8.73e2		0.125	74.705	2.52	2.53	873	93.5279	93.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.51e3		0.125	673.292	3.04	3.05	6510	77.3673	77.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.28e3		0.125	418.493	3.79	3.65	4280	81.9097	81.9		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.40e3	0.125		3.79						YES
13	1...	Total PFHxS	399 > 80	0.00e0	2.40e3	0.125		3.83		0.000				
14	15	6:2 FTS	427.1 > 407.0		1.19e3	0.125		4.10						YES
15	19	PFHpS	448.9 > 80.0		2.30e3	0.125		4.29						YES
16	21	PFNA	463.0 > 418.8		7.11e3	0.125		4.59						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.40e3		0.125	185.544	3.80	3.79	2400	103.3521	103.4		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.40e3		0.125	185.544	3.80	3.79	2400	103.3521	103.4		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.19e3		0.125	101.130	4.19	4.10	1190	94.4186	94.4		
20	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.11e3		0.125	674.136	4.80	4.59	7110	84.3675	84.4		
22	-1													
23	16	L-PFOA	412.8 > 368.9		8.69e3	0.125		4.15						YES
24	1...	Total PFOA	412.8 > 368.9	0.00e0	8.69e3	0.125		4.20		0.000				
25	23	L-PFOS	499 > 80		2.30e3	0.125		4.68						YES
26	1...	Total PFOS	499 > 80	0.00e0	2.30e3	0.125		4.73		0.000				
27	22	PFOSA	498.0 > 78.0		9.28e2	0.125		4.65						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.69e3		0.125	778.175	4.30	4.15	8690	89.3176	89.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.69e3		0.125	778.175	4.30	4.15	8690	89.3176	89.3		
30	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		
31	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		
32	67	13C8-PFOSA-EIS	506. > 78	9.28e2		0.125	231.112	4.76	4.65	928	32.1370	32.1		
33	-1													
34	26	PFDA	513 > 468.8		6.76e3	0.125		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		1.09e3	0.125		4.94						YES
36	29	L-MeFOSAA	570 > 419		4.84e3	0.125		5.12						YES

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	4.84e3	0.125		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		8.81e3	0.125		5.30						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	6.76e3		0.125	717.399	5.10	4.97	6760	75.3645	75.4		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.09e3		0.125	107.927	4.98	4.94	1090	80.6829	80.7		
41	77	d3-N-MeFOSAA-EIS	573. > 419	4.84e3		0.125	596.470	5.13	5.12	4840	64.8566	64.9		
42	77	d3-N-MeFOSAA-EIS	573. > 419	4.84e3		0.125	596.470	5.13	5.12	4840	64.8566	64.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.81e3		0.125	1057.423	5.55	5.30	8810	66.6205	66.6		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		4.19e3	0.125		5.28						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	4.19e3	0.125		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.30e3	0.125		5.30						YES
48	37	PFDoA	612.9 > 569.0		8.84e3	0.125		5.59						YES
49	39	PFTrDA	662.9 > 618.9		8.84e3	0.125		5.84						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	4.19e3		0.125	475.939	5.43	5.28	4190	70.4388	70.4		
51	81	d5-N-EtFOSAA-EIS	589. > 419	4.19e3		0.125	475.939	5.43	5.28	4190	70.4388	70.4		
52	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		
53	83	13C2-PFDoA-EIS	615 > 570	8.84e3		0.125	1054.715	5.60	5.59	8840	67.0185	67.0		
54	83	13C2-PFDoA-EIS	615 > 570	8.84e3		0.125	1054.715	5.60	5.59	8840	67.0185	67.0		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.92e3	0.125		6.07						YES
57	38	N-MeFOSA	512.1 > 168.9		1.52e3	0.125		5.70						YES
58	42	N-EtFOSA	526.1 > 168.9		2.12e3	0.125		6.14						YES
59	43	PFHxDA	813.1 > 768.6		7.05e3	0.125		6.42						YES
60	45	N-MeFOSE	616.1 > 58.9		2.25e3	0.125		6.35						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.92e3		0.125	886.344	6.08	6.07	6920	62.4518	62.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.52e3		0.125	84.837	5.72	5.71	1520	143.2343	12.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.12e3		0.125	127.429	6.16	6.16	2120	133.1906	11.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.05e3		0.125	1186.125	6.62	6.42	7050	47.5595	47.6		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	2.25e3		0.125	66.928	6.35	6.35	2250	268.6220	22.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		2.30e3	0.125		6.50						
68	1...	TDCA	498.3>106.9			0.125		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		
70	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		
71	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	2.30e3		0.125	73.193	6.51	6.50	2300	251.6957	21.1		

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.30e3		0.125	212.650	4.95	4.68	2300	86.4568	86.5		

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MM 6/8/2020

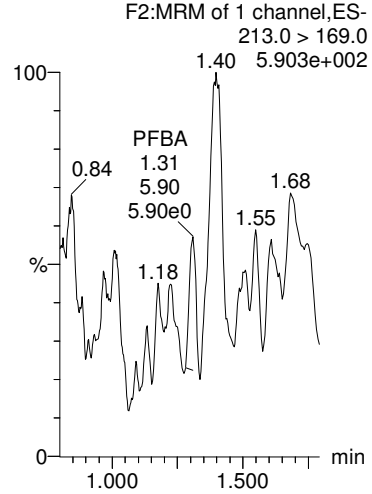
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

PFBA



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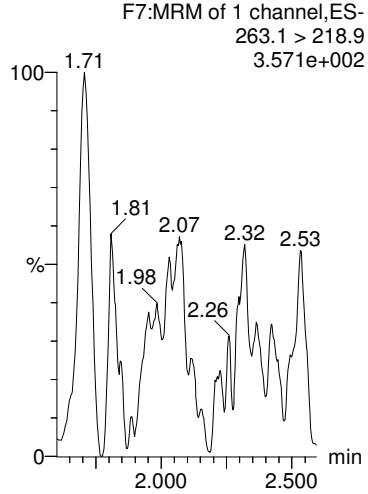

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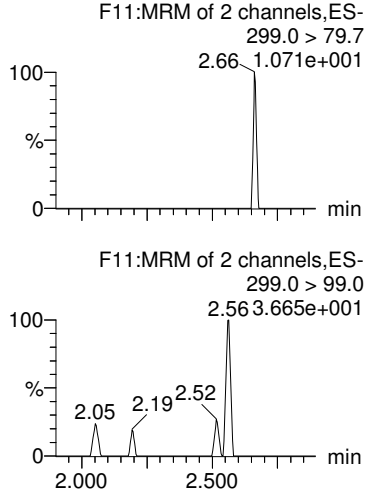
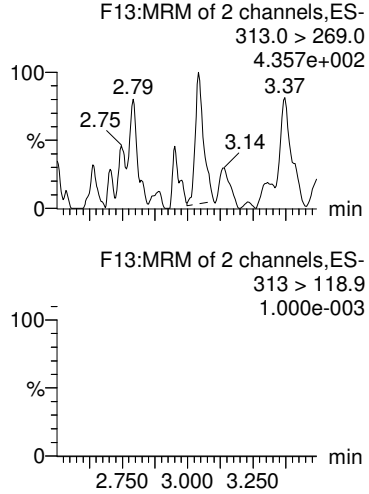


PFHxA



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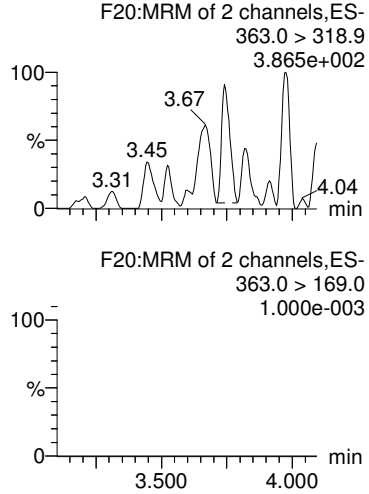
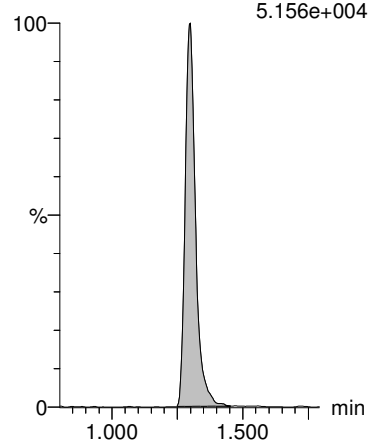


13C3-PFBA-EIS



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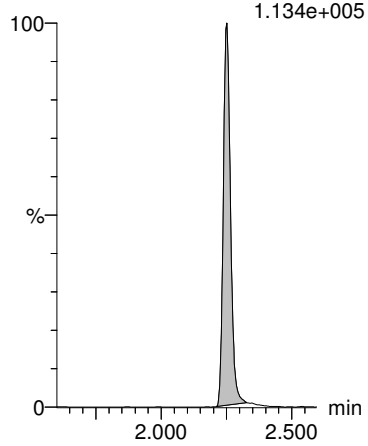

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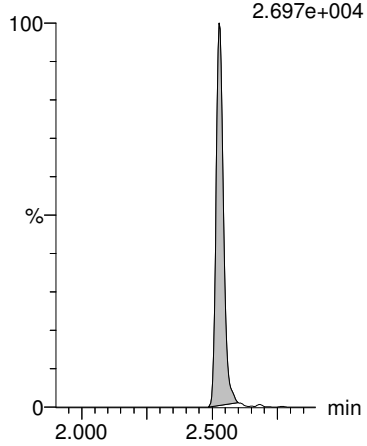

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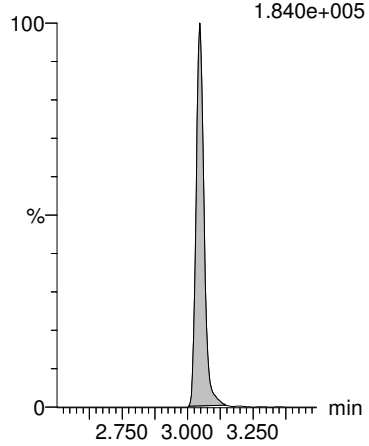
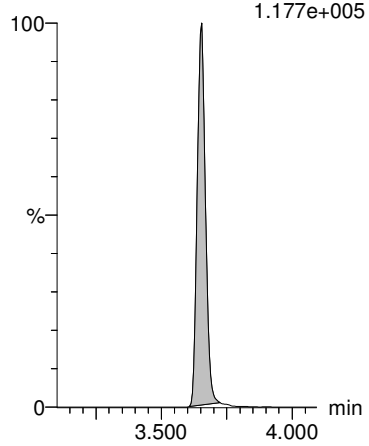


13C4-PFHpA-EIS



GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

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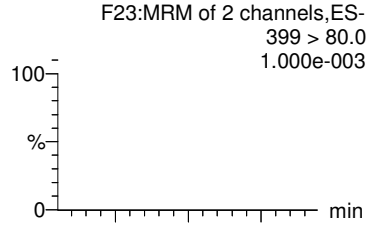
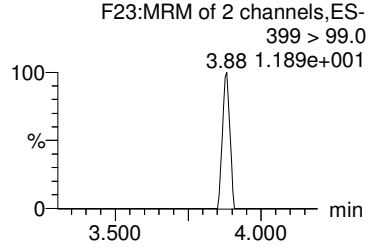
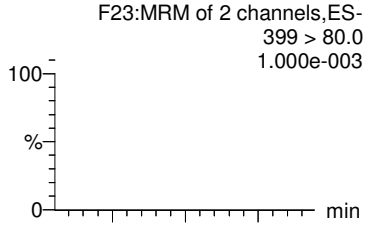
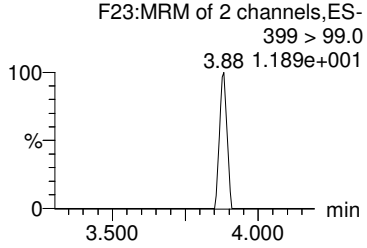


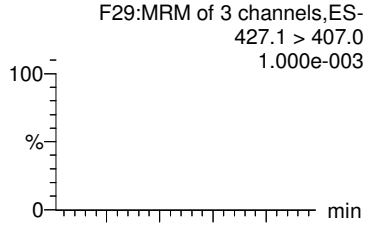


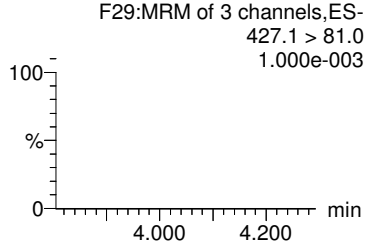
Total PFHxS





6:2 FTS





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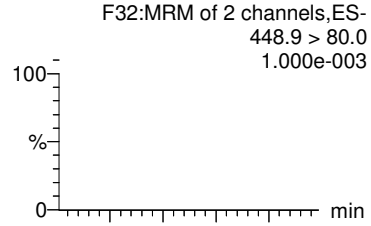

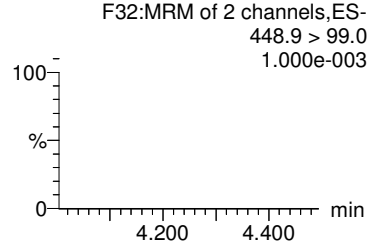

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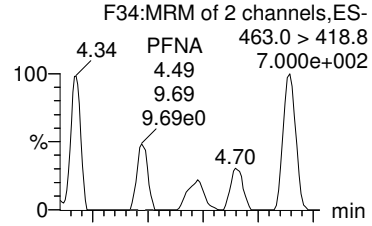

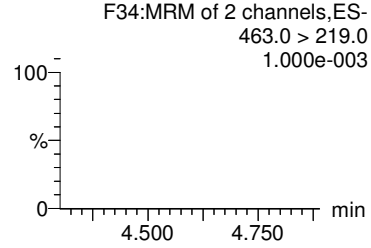

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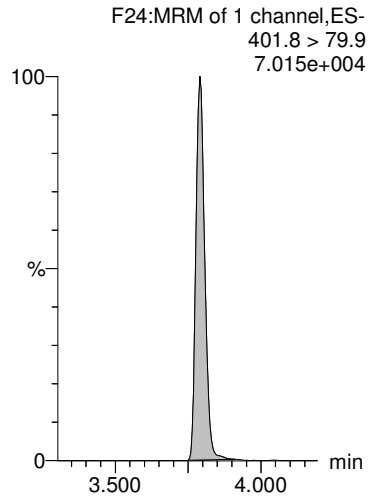

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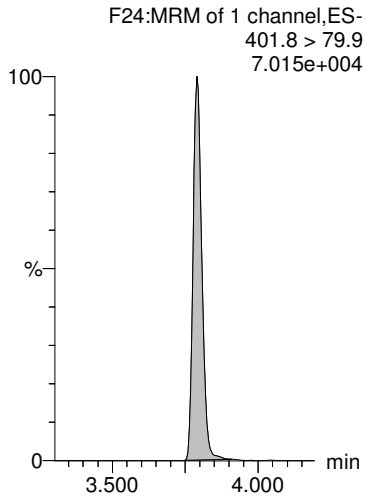
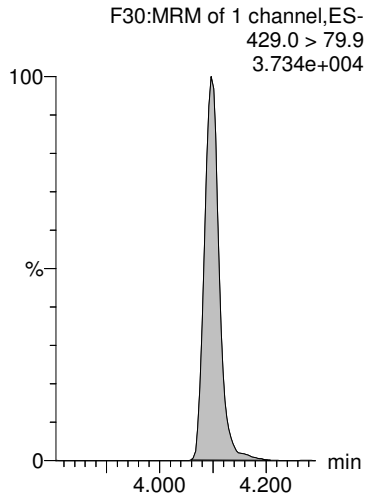
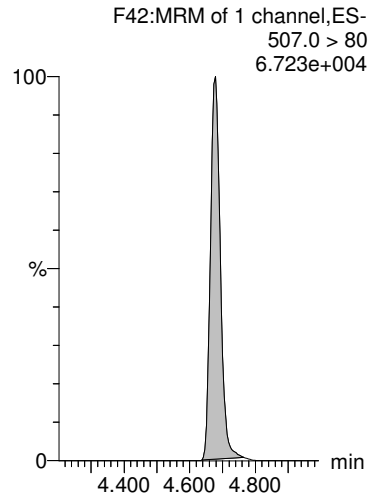


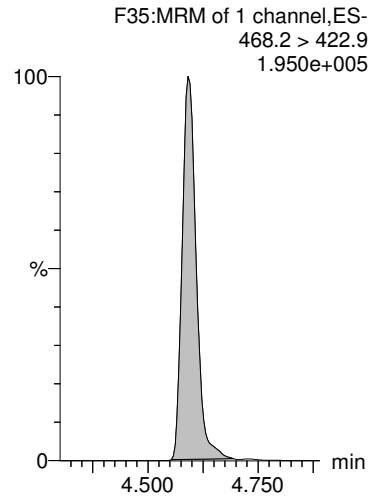
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

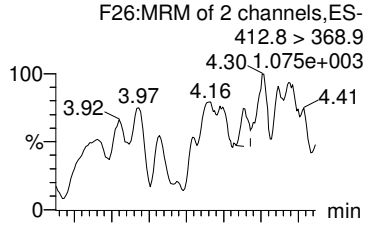


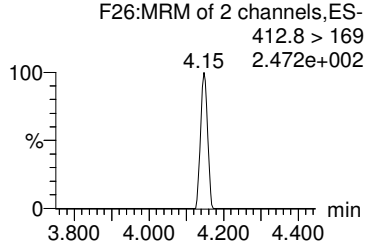
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

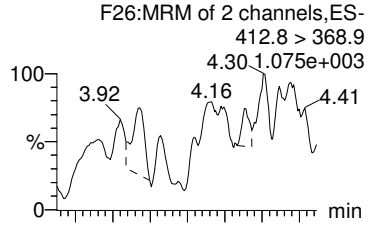
Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

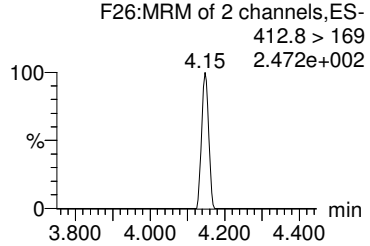
L-PFOA



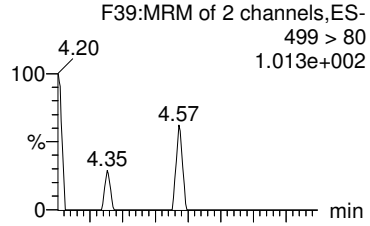


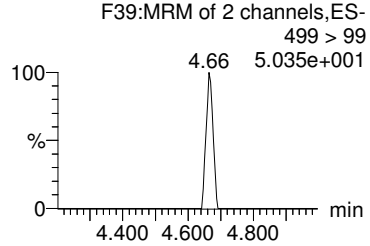
Total PFOA





L-PFOS





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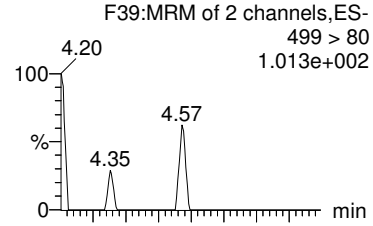

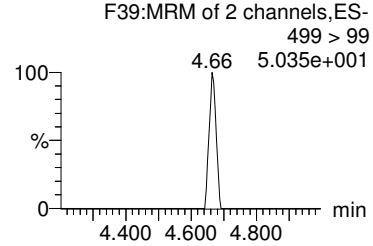

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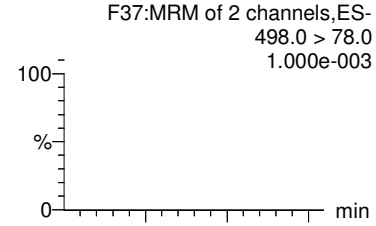

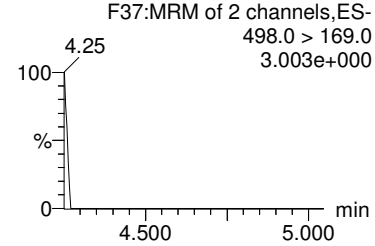

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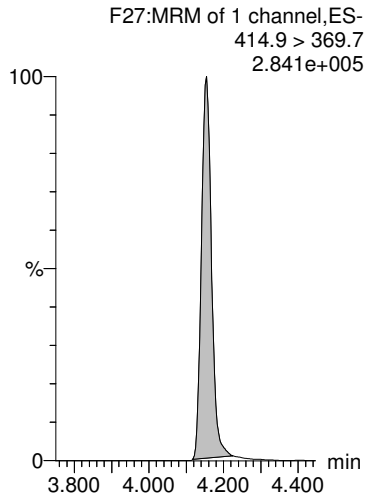

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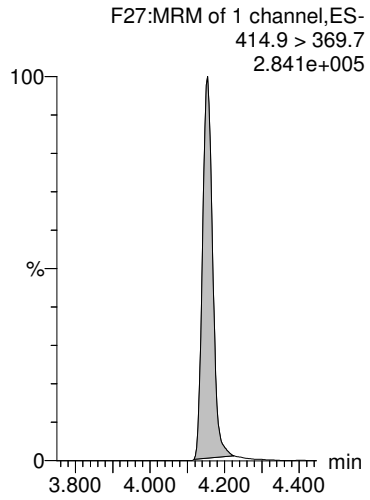

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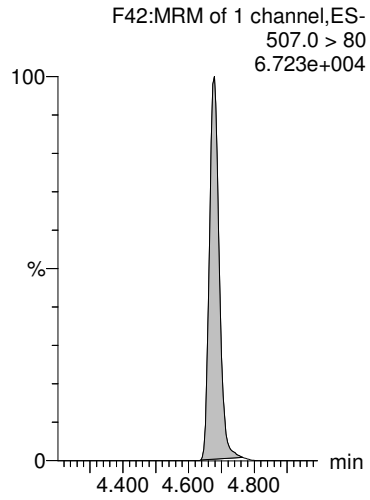

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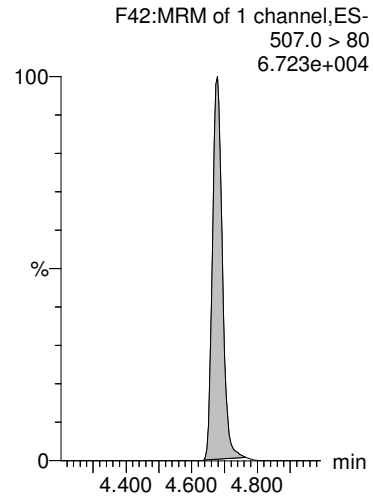

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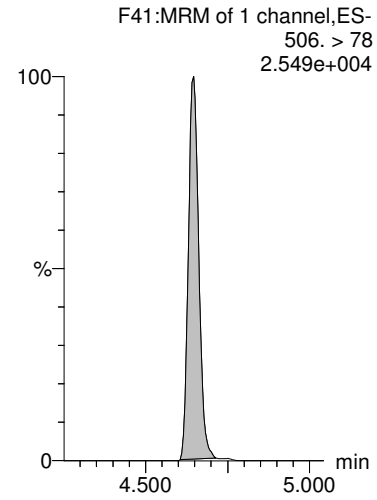

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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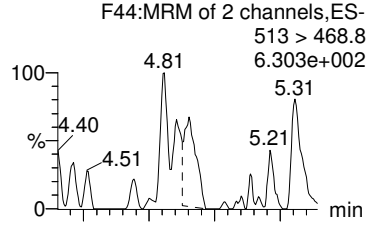
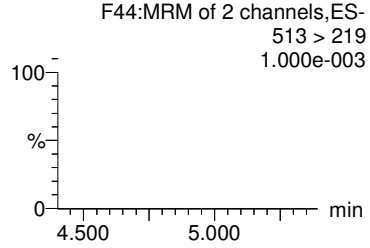
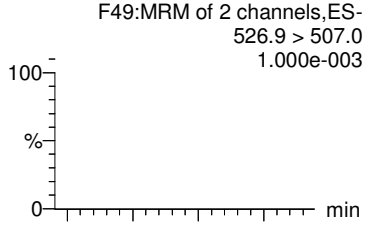
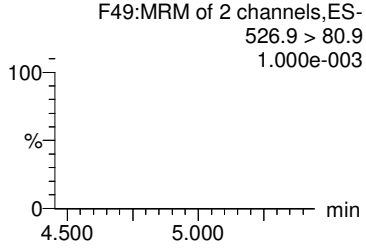
PFDA



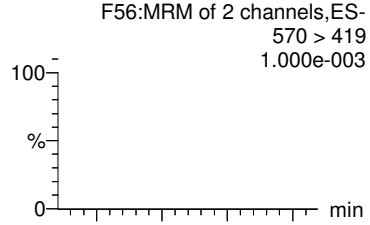


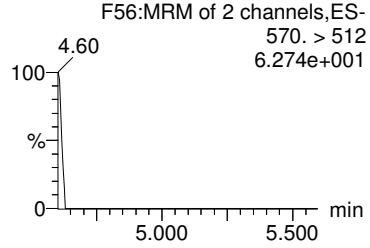
8:2 FTS



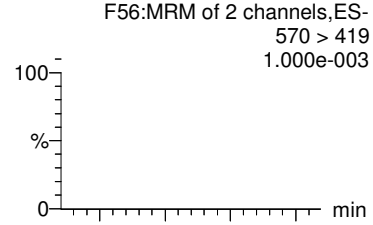


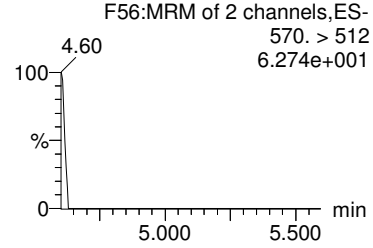
L-MeFOSAA



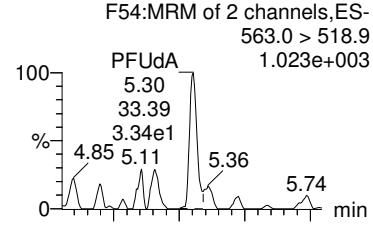


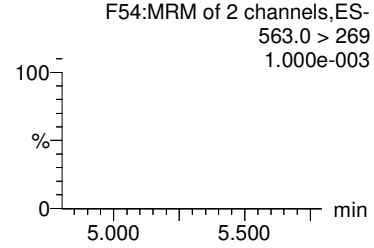
Total N-MeFOSAA



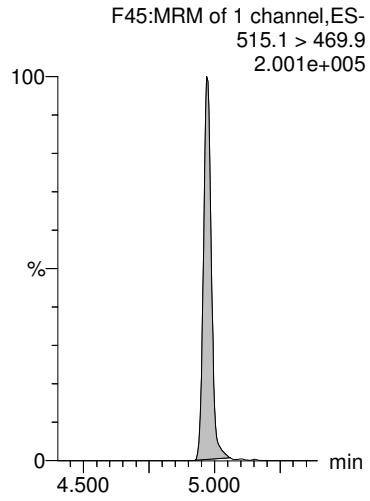


PFUdA

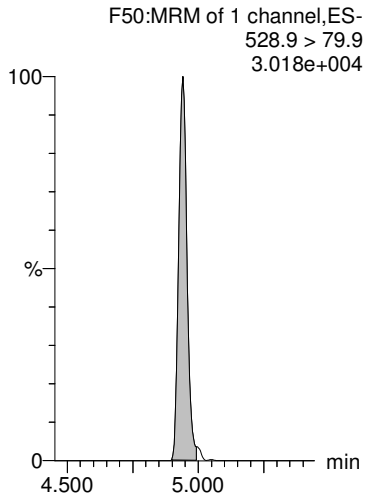




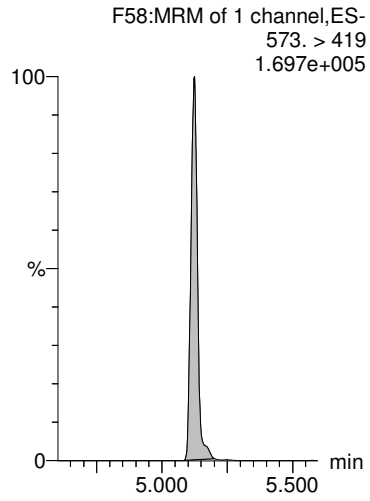
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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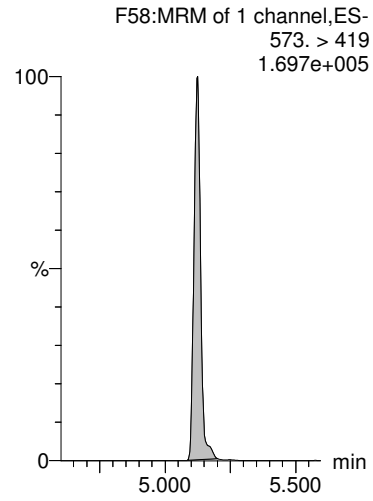
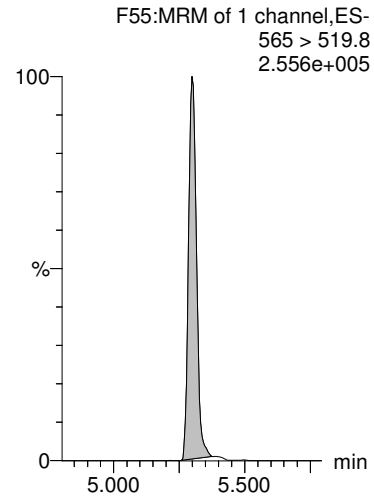


13C2-PFUdA-EIS



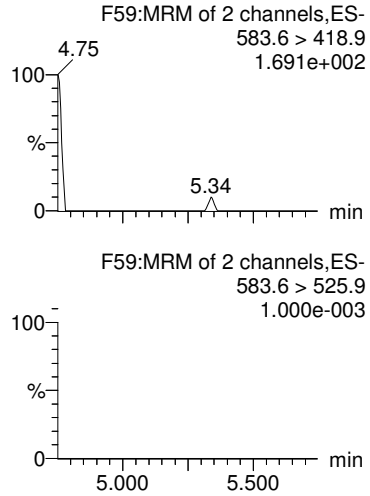
GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

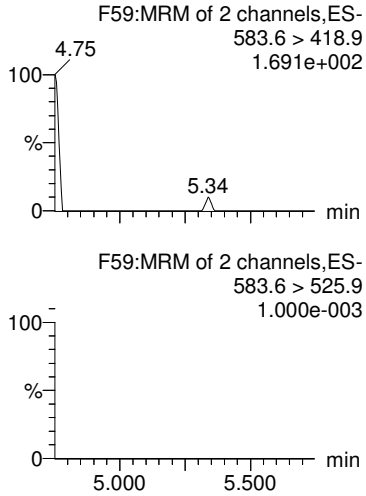
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

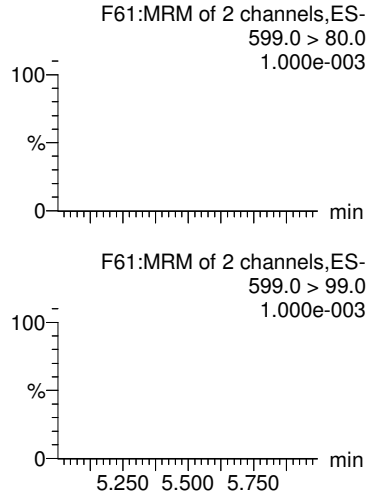
L-EtFOSAA



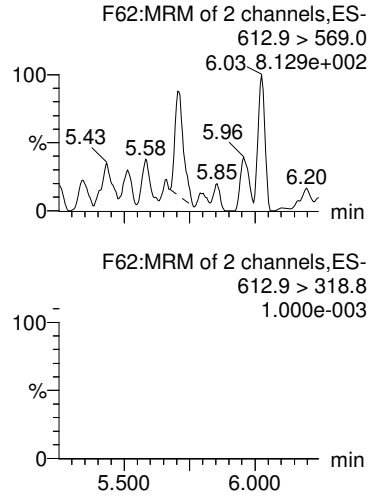
Total N-EtFOSAA



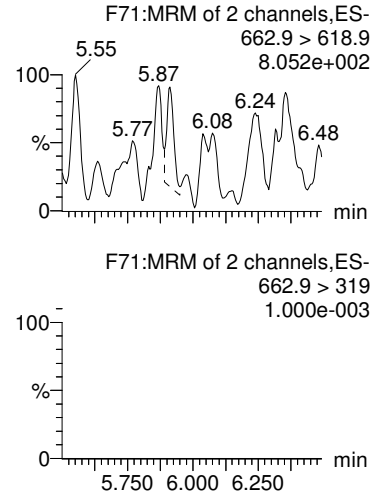
PFDS



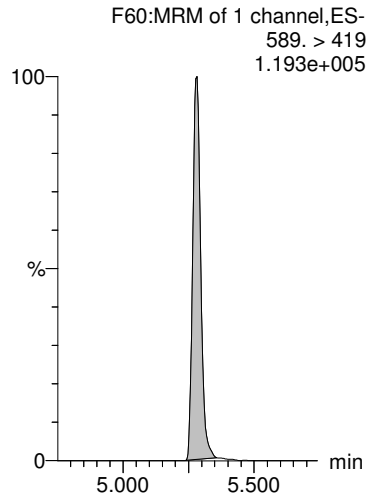
PFDoA



PFTrDA



d5-N-EtFOSAA-EIS



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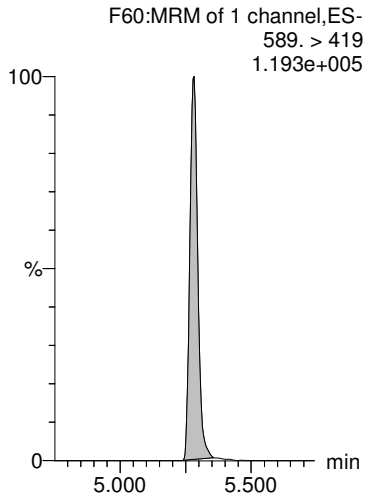
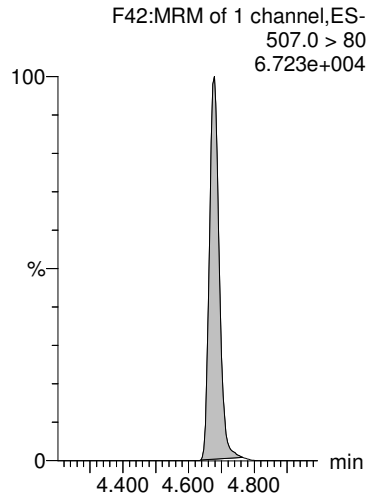
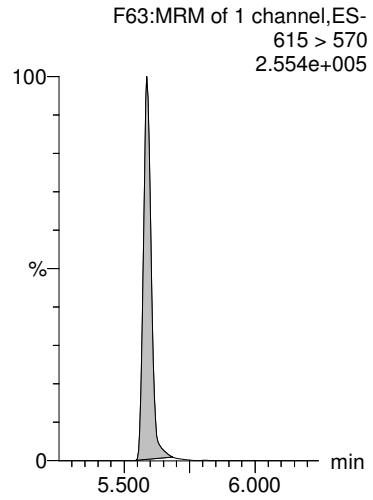


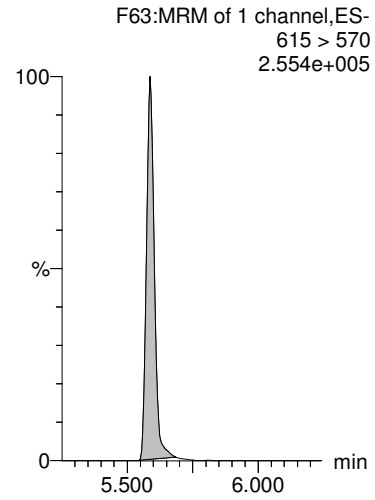
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

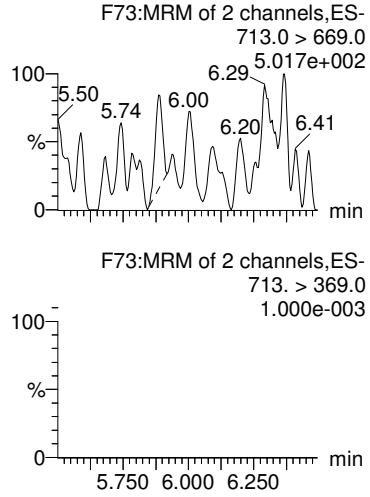


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

PFTeDA



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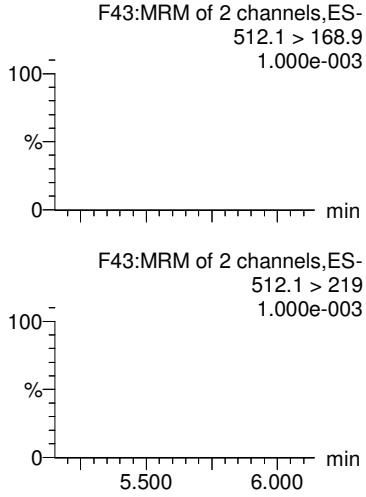
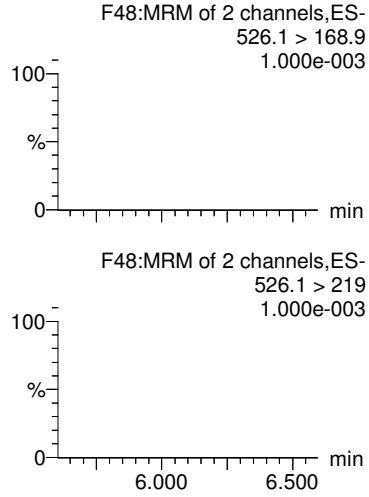
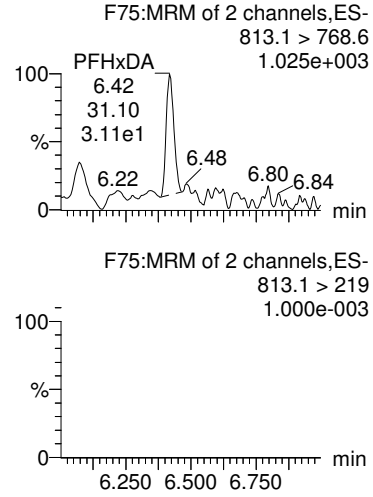


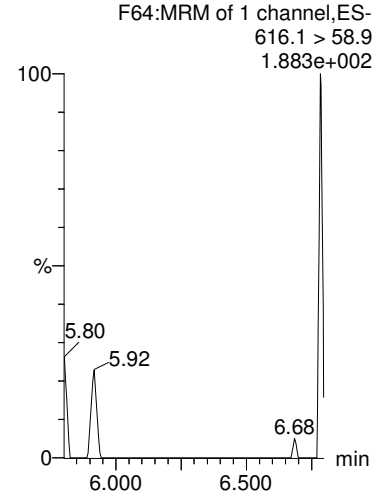
N-EtFOSA



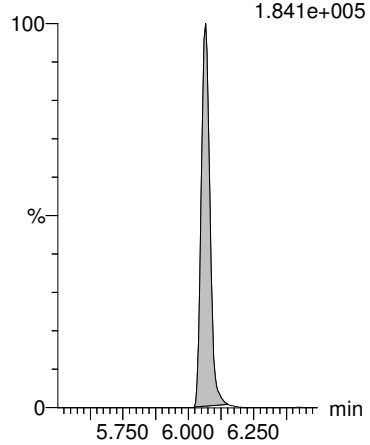
PFHxDA



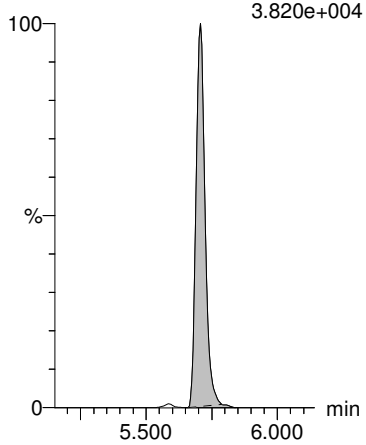
N-MeFOSE



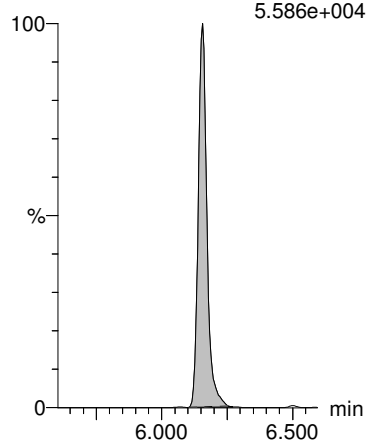
13C2-PFTeDA-EIS



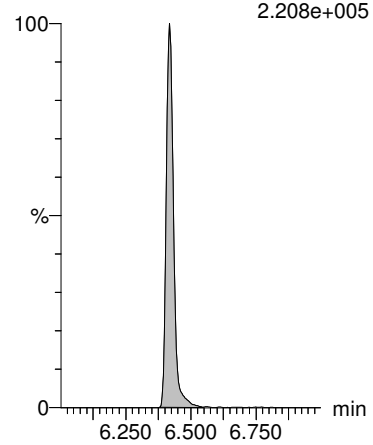
d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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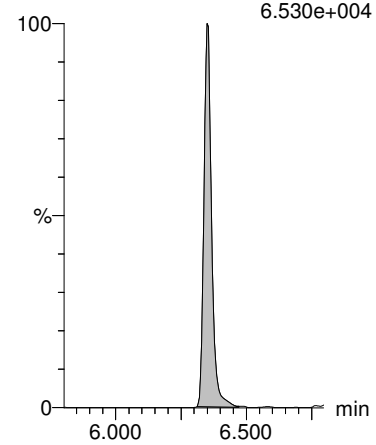
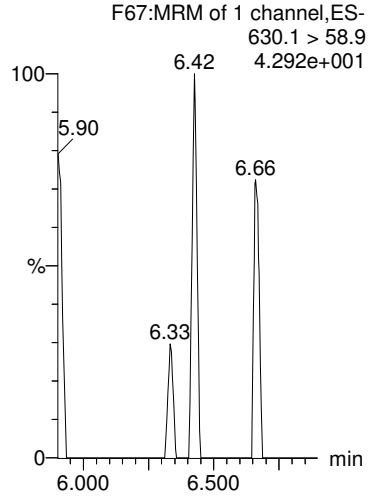


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

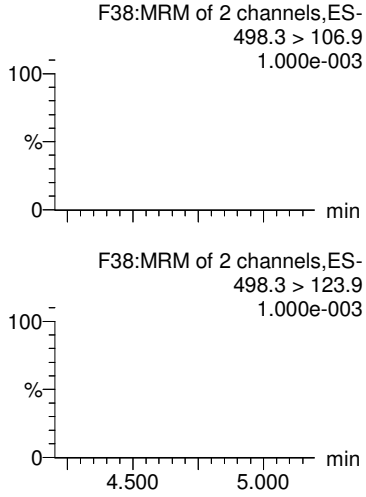
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:29 Pacific Daylight Time

Name: 200602M2_63, Date: 03-Jun-2020, Time: 03:00:05, ID: B0E0170-BLK1 Method Blank 0.125, Description: Method Blank

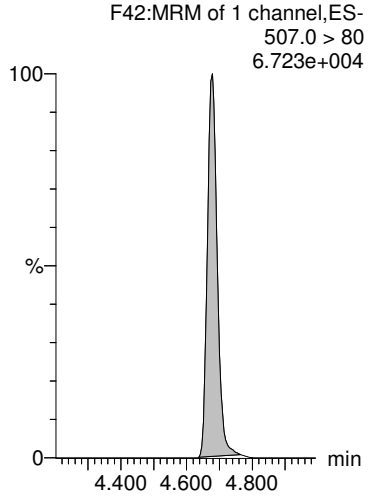
N-EtFOSE



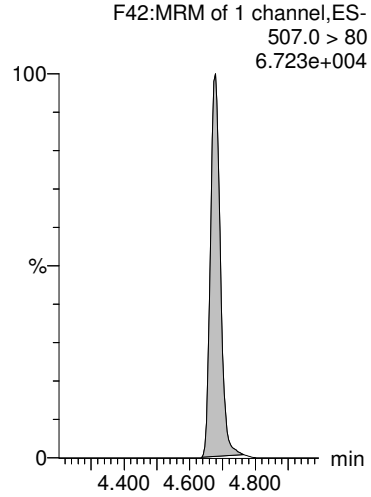
TDCA



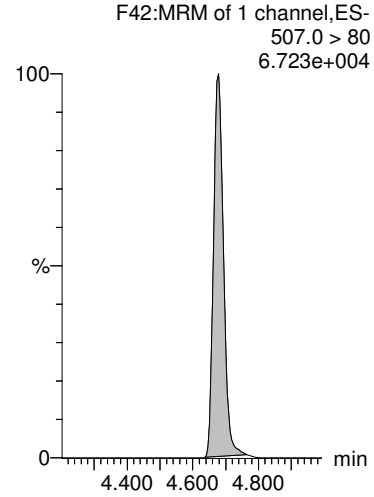
13C8-PFOS-EIS



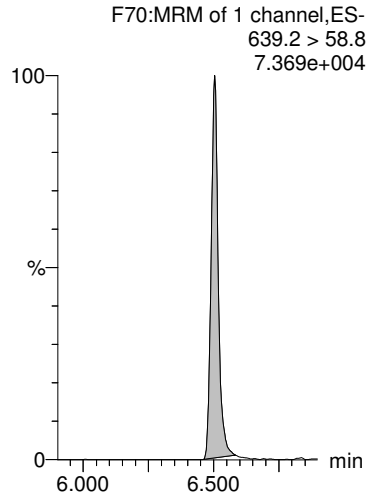
13C8-PFOS-EIS



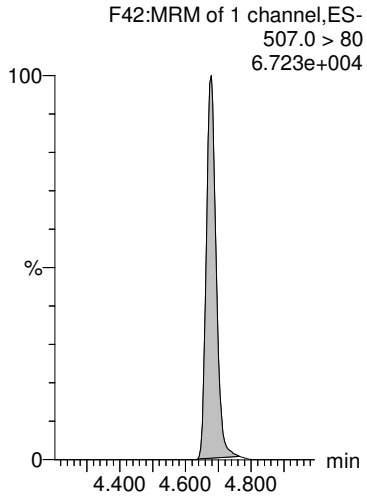
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2.25e3	2.32e3	0.125		1.30	1.30	12.1	74.5088	93.1		
2	4	PFPeA	263.1 > 218.9	2.54e3	3.62e3	0.125		2.25	2.25	8.77	69.8475	87.3		
3	5	PFBS	299.0 > 79.7	1.36e3	7.63e2	0.125		2.53	2.53	22.2	83.8781	104.8	2.94	NO
4	7	PFHxA	313.0 > 269.0	4.94e3	6.30e3	0.125		3.05	3.04	9.79	78.0608	97.6	18.1	NO
5	11	PFHpA	363.0 > 318.9	3.88e3	4.36e3	0.125		3.65	3.65	11.1	70.4744	88.1	13.3	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.32e3		0.125	174.310	1.30	1.30	2320	106.5429	106.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.62e3		0.125	355.452	2.24	2.25	3620	81.4552	81.5		
8	51	13C3-PFBS-EIS	302.0 > 99	7.63e2		0.125	74.705	2.52	2.53	763	81.7146	81.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.30e3		0.125	673.292	3.04	3.05	6300	74.8764	74.9		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.36e3		0.125	418.493	3.79	3.65	4360	83.2719	83.3		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.50e3	1.97e3	0.125		3.79	3.79	9.51	77.2352	96.5	1.91	NO
13	1...	Total PFHxS	399 > 80	1.50e3	1.97e3	0.125		3.83		9.51	77.2352			
14	15	6:2 FTS	427.1 > 407.0	1.80e3	1.03e3	0.125		4.10	4.10	21.9	65.5569	81.9	2.02	NO
15	19	PFHpS	448.9 > 80.0	1.44e3	2.02e3	0.125		4.29	4.27	8.92	89.4237	111.8	2.05	NO
16	21	PFNA	463.0 > 418.8	6.70e3	7.64e3	0.125		4.60	4.60	11.0	74.5007	93.1	5.02	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	1.97e3		0.125	185.544	3.80	3.79	1970	84.8105	84.8		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	1.97e3		0.125	185.544	3.80	3.79	1970	84.8105	84.8		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.03e3		0.125	101.130	4.19	4.10	1030	81.1239	81.1		
20	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.64e3		0.125	674.136	4.80	4.60	7640	90.6604	90.7		
22	-1													
23	16	L-PFOA	412.8 > 368.9	8.38e3	7.17e3	0.125		4.15	4.15	14.6	82.4861	103.1	3.74	NO
24	1...	Total PFOA	412.8 > 368.9	8.40e3	7.17e3	0.125		4.20		14.6	82.4861			
25	23	L-PFOS	499 > 80	1.58e3	2.02e3	0.125		4.68	4.68	9.75	92.3489	115.4	1.83	NO
26	1...	Total PFOS	499 > 80	1.58e3	2.02e3	0.125		4.73		9.75	92.3489			
27	22	PFOSA	498.0 > 78.0	7.14e2	9.58e2	0.125		4.65	4.65	9.32	67.6509	84.6	36.9	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.17e3		0.125	778.175	4.30	4.15	7170	73.6894	73.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.17e3		0.125	778.175	4.30	4.15	7170	73.6894	73.7		
30	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		
31	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		
32	67	13C8-PFOSA-EIS	506. > 78	9.58e2		0.125	231.112	4.76	4.65	958	33.1569	33.2		
33	-1													
34	26	PFDA	513 > 468.8	7.23e3	7.20e3	0.125		4.97	4.97	12.6	77.1989	96.5	6.26	NO
35	27	8:2 FTS	526.9 > 507.0	1.75e3	6.46e2	0.125		4.94	4.94	33.9	114.3174	142.9	1.71	NO
36	29	L-MeFOSAA	570 > 419	3.55e3	4.76e3	0.125		5.12	5.13	9.32	73.5544	91.9	3.17	NO

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MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	3.55e3	4.76e3	0.125		5.17		9.32	73.5544			
38	33	PFUdA	563.0 > 518.9	4.90e3	8.46e3	0.125		5.30	5.30	7.24	64.0541	80.1	9.99	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	7.20e3		0.125	717.399	5.10	4.97	7200	80.2959	80.3		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	6.46e2		0.125	107.927	4.98	4.94	646	47.8819	47.9		
41	77	d3-N-MeFOSAA-EIS	573. > 419	4.76e3		0.125	596.470	5.13	5.12	4760	63.8248	63.8		
42	77	d3-N-MeFOSAA-EIS	573. > 419	4.76e3		0.125	596.470	5.13	5.12	4760	63.8248	63.8		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.46e3		0.125	1057.423	5.55	5.30	8460	63.9736	64.0		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9	1.65e3	4.01e3	0.125		5.28	5.29	5.15	61.9741	77.5	0.915	NO
46	1...	Total N-EtFOSAA	583.6 > 418.9	1.65e3	4.01e3	0.125		5.33		5.15	61.9741			
47	34	PFDS	599.0 > 80.0	9.75e2	2.02e3	0.125		5.30	5.35	6.02	64.4211	80.5	1.69	NO
48	37	PFDoA	612.9 > 569.0	7.49e3	9.92e3	0.125		5.59	5.59	9.43	71.9428	89.9	8.16	NO
49	39	PFTrDA	662.9 > 618.9	6.50e3	9.92e3	0.125		5.84	5.84	8.19	64.4748	80.6	11.3	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	4.01e3		0.125	475.939	5.43	5.28	4010	67.3348	67.3		
51	81	d5-N-EtFOSAA-EIS	589. > 419	4.01e3		0.125	475.939	5.43	5.28	4010	67.3348	67.3		
52	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		
53	83	13C2-PFDoA-EIS	615 > 570	9.92e3		0.125	1054.715	5.60	5.59	9920	75.2403	75.2		
54	83	13C2-PFDoA-EIS	615 > 570	9.92e3		0.125	1054.715	5.60	5.59	9920	75.2403	75.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0	6.18e3	5.52e3	0.125		6.06	6.06	14.0	80.0945	100.1	11.9	NO
57	38	N-MeFOSA	512.1 > 168.9	4.45e2	1.44e3	0.125		5.70	5.68	46.1	360.9797	90.2	1.84	NO
58	42	N-EtFOSA	526.1 > 168.9	4.83e2	1.91e3	0.125		6.14	6.14	37.7	359.5580	89.9	1.47	NO
59	43	PFHxDA	813.1 > 768.6	2.68e3	6.51e3	0.125		6.42	6.42	5.15	66.7512	83.4	34.8	NO
60	45	N-MeFOSE	616.1 > 58.9	7.75e2	2.60e3	0.125		6.35	6.36	44.5	327.2074	81.8		
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	5.52e3		0.125	886.344	6.08	6.06	5520	49.7947	49.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.44e3		0.125	84.837	5.72	5.71	1440	135.8728	11.4		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.91e3		0.125	127.429	6.16	6.16	1910	119.9947	10.1		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.51e3		0.125	1186.125	6.62	6.42	6510	43.9365	43.9		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	2.60e3		0.125	66.928	6.35	6.35	2600	310.6642	26.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	1.20e3	3.47e3	0.125		6.50	6.51	51.6	351.7257	87.9		
68	1...	TDCA	498.3>106.9			0.125		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		
70	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		
71	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.47e3		0.125	73.193	6.51	6.50	3470	379.5301	31.8		

Vista Analytical Laboratory L26

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.02e3		0.125	212.650	4.95	4.68	2020	76.1508	76.2		

GM 6/5/2020

Vista Analytical Laboratory L26

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

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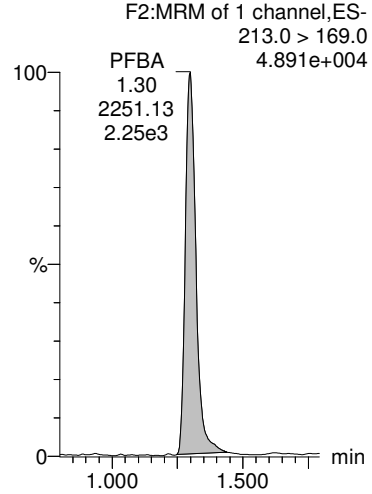

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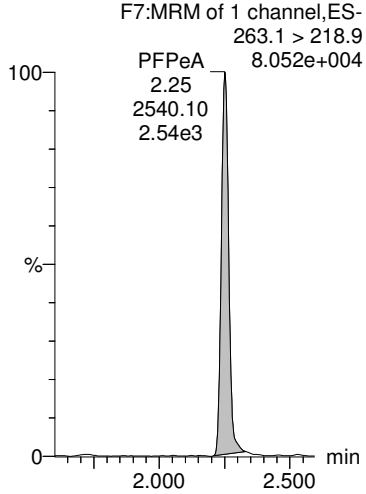

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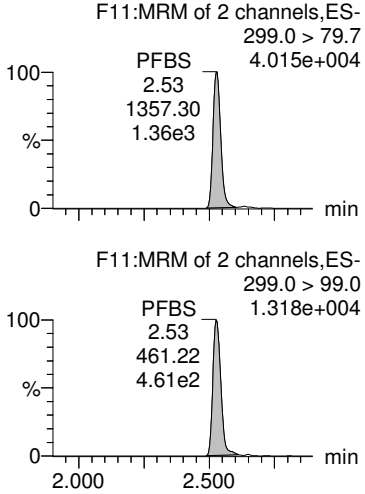

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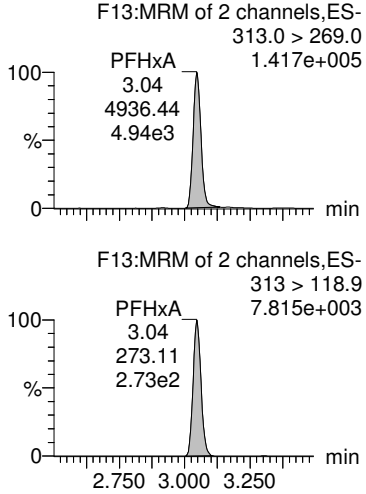

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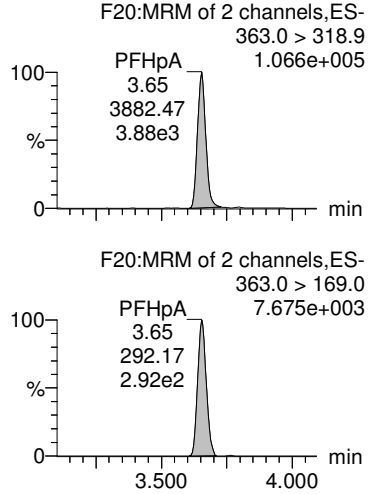

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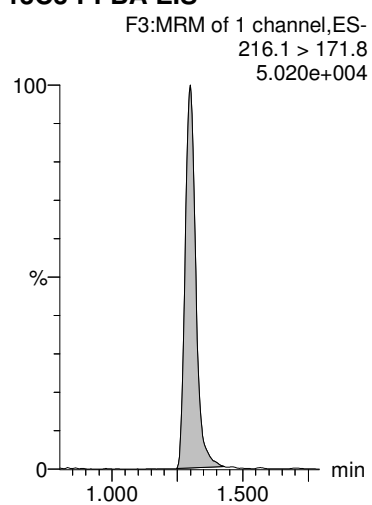

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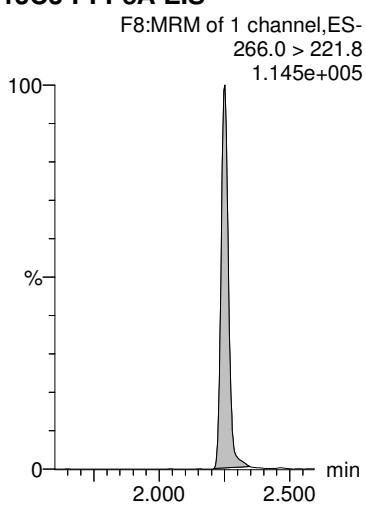

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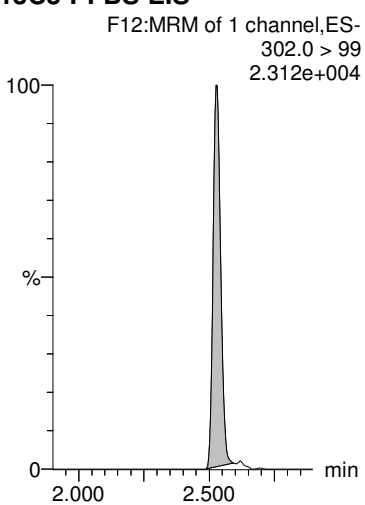

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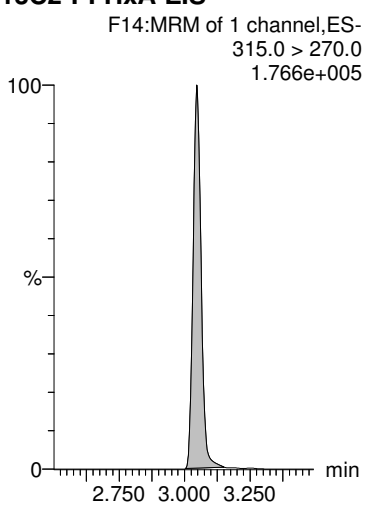

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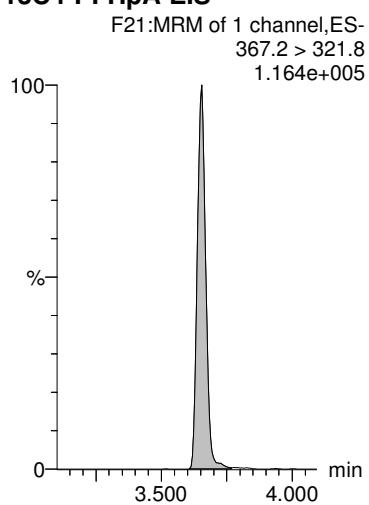

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

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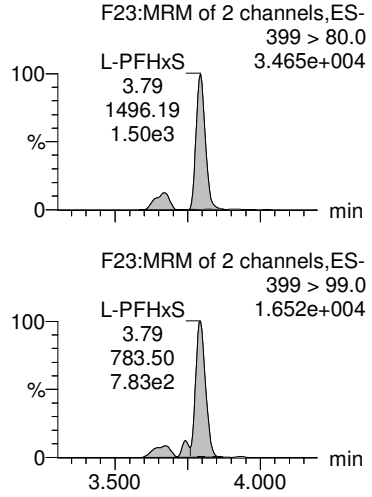

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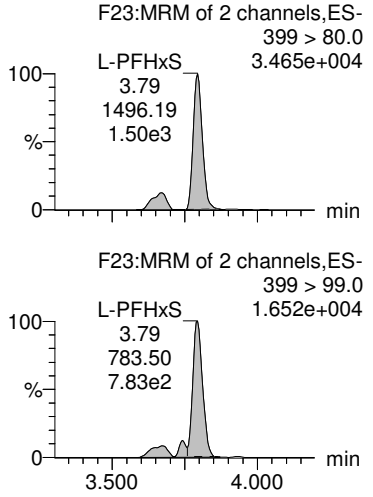
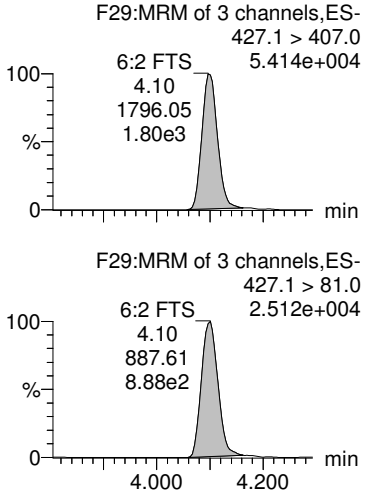
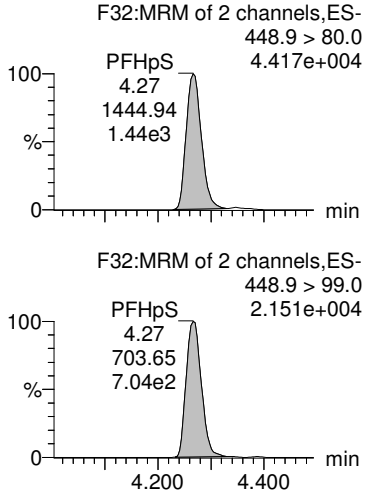


6:2 FTS



PFHpS



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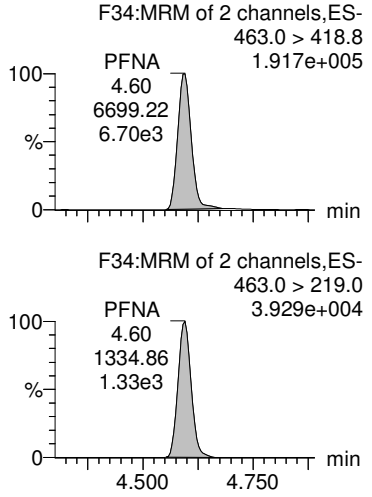

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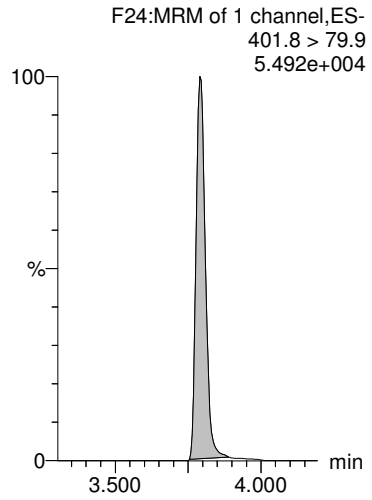

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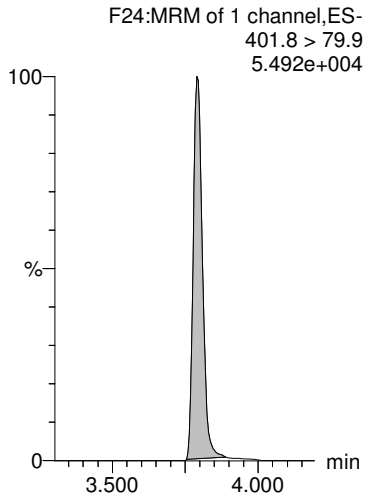
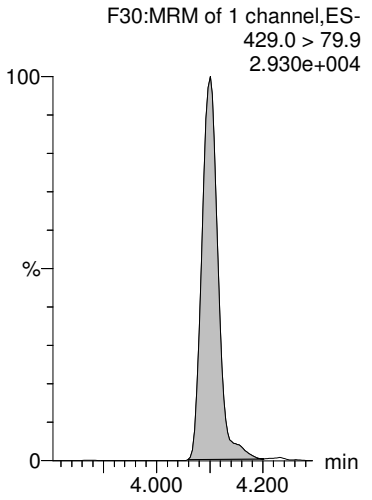
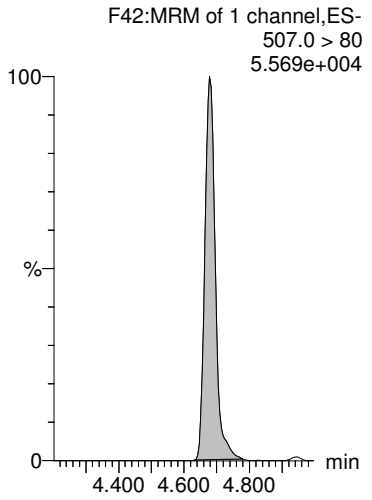


13C2-6:2 FTS-EIS



13C8-PFOS-EIS



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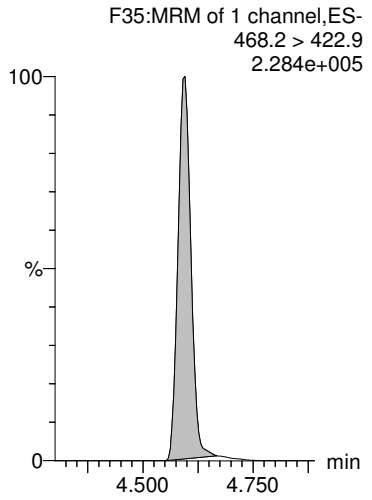
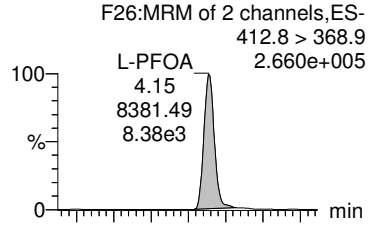


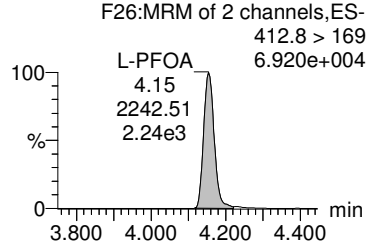
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

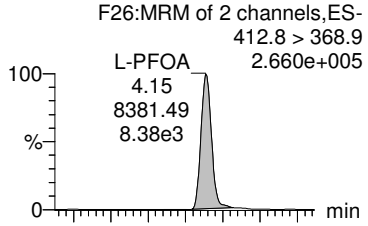
Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

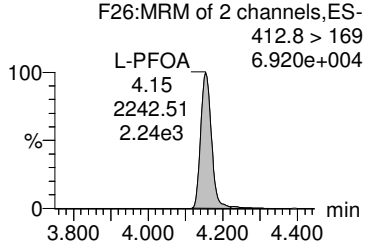
L-PFOA



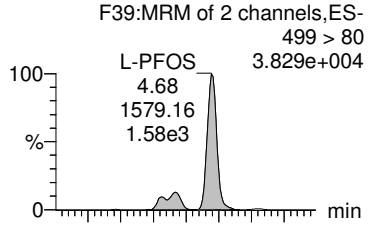


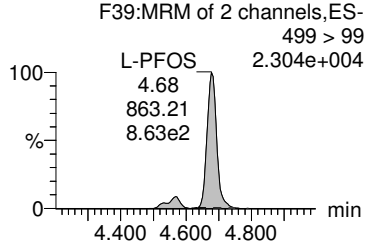
Total PFOA





L-PFOS





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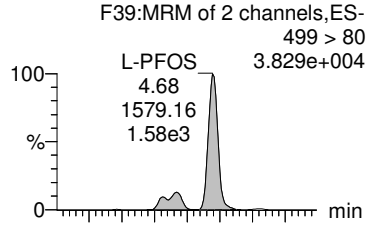

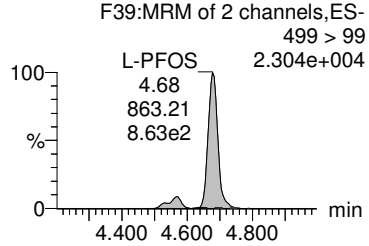

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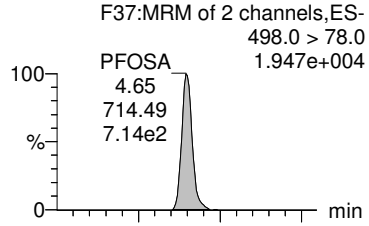

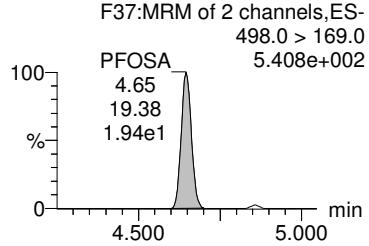

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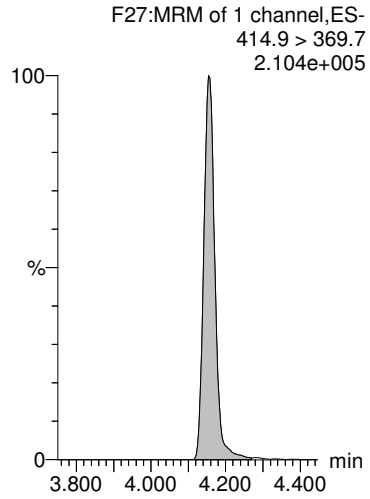

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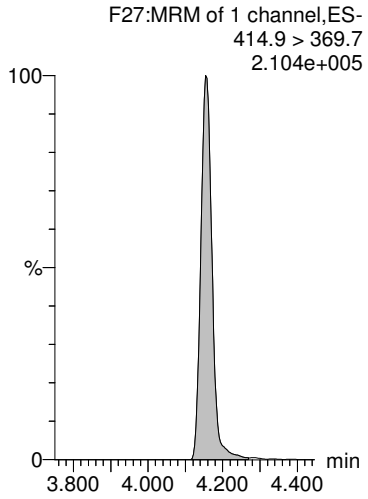

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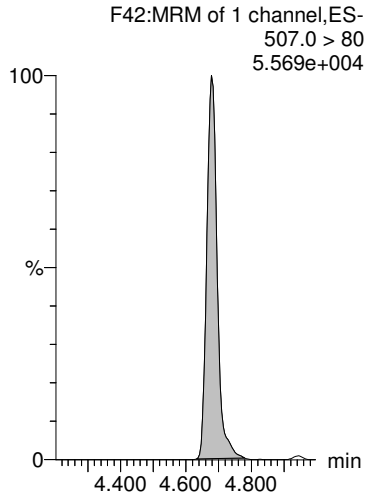

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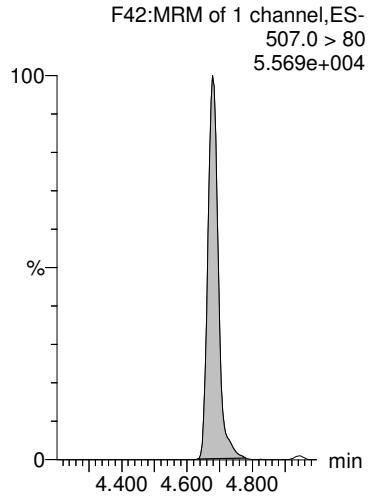

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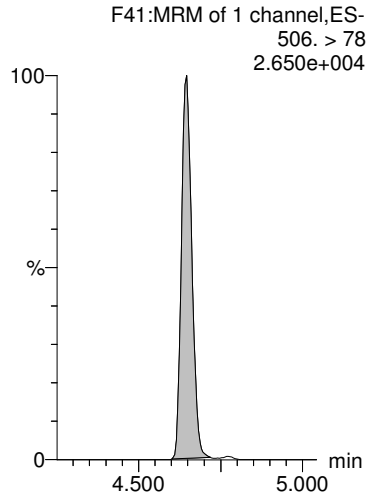

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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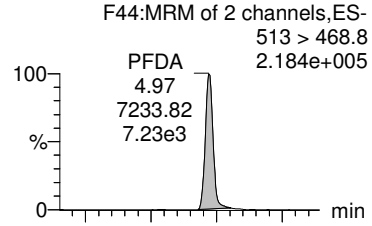
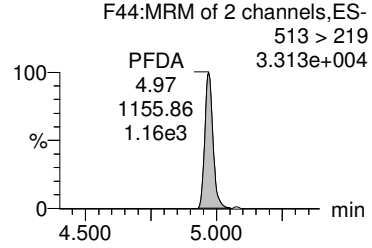
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

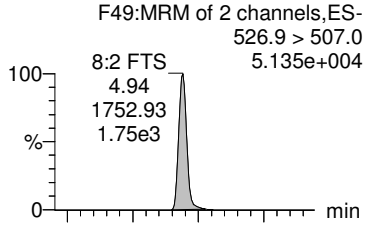
Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

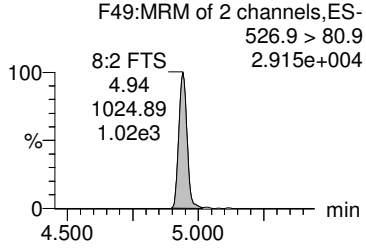
PFDA



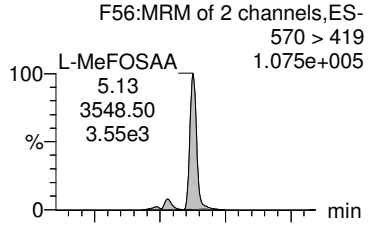


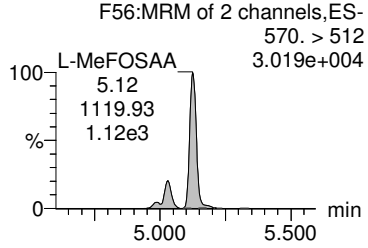
8:2 FTS



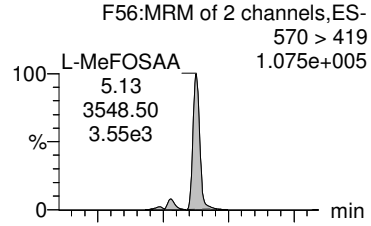


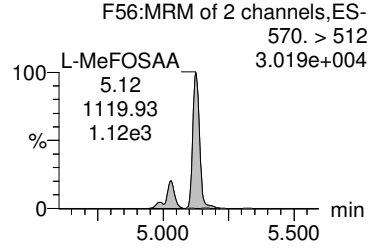
L-MeFOSAA



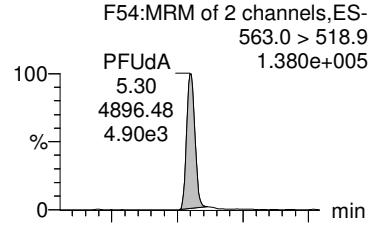


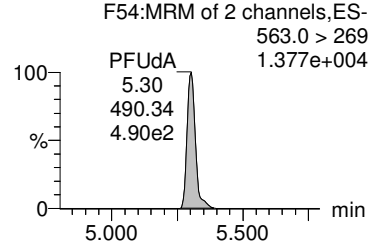
Total N-MeFOSAA



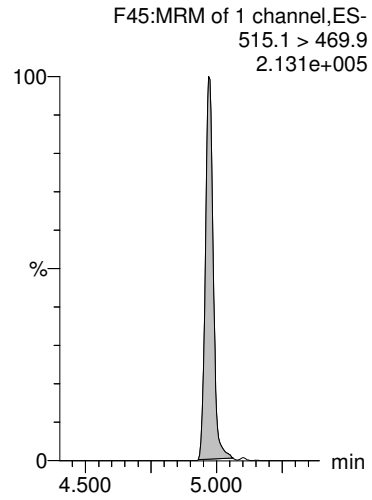


PFUdA

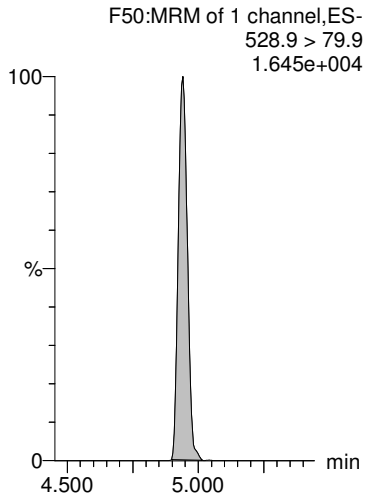




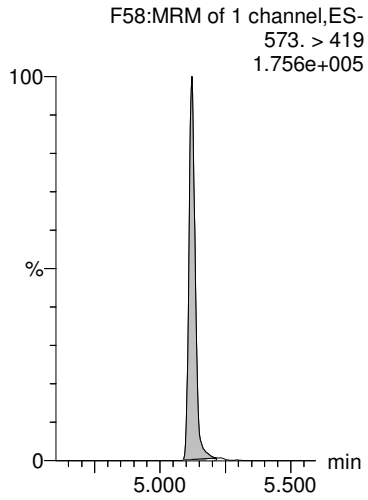
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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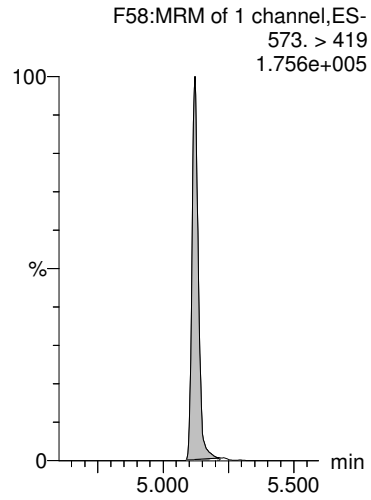
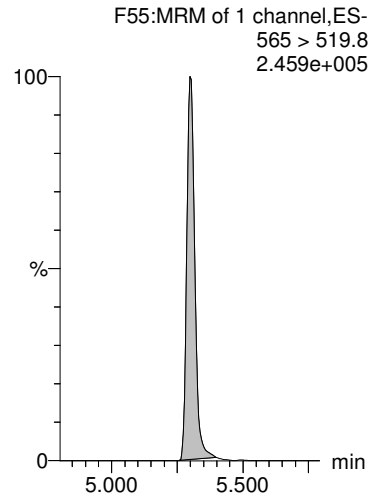


13C2-PFUdA-EIS

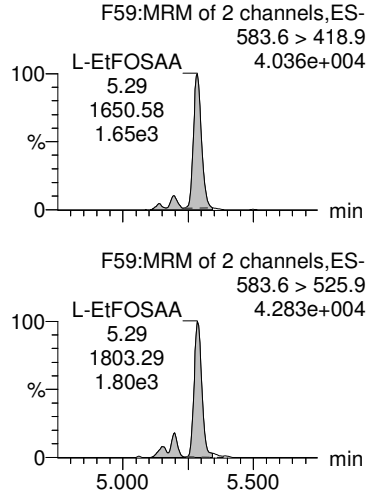


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

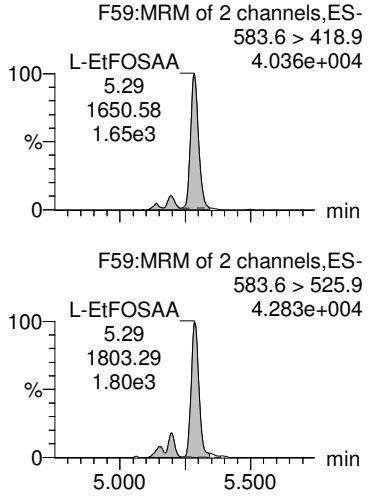
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

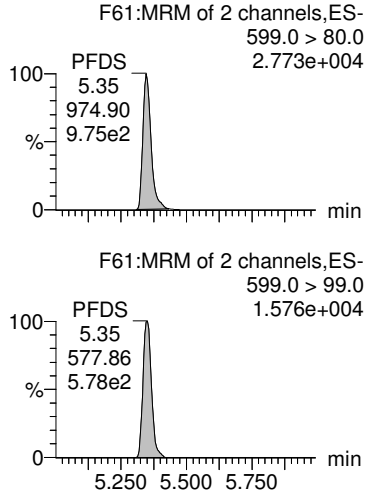
L-EtFOSAA



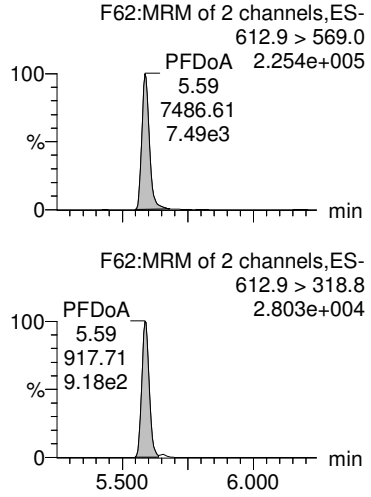
Total N-EtFOSAA



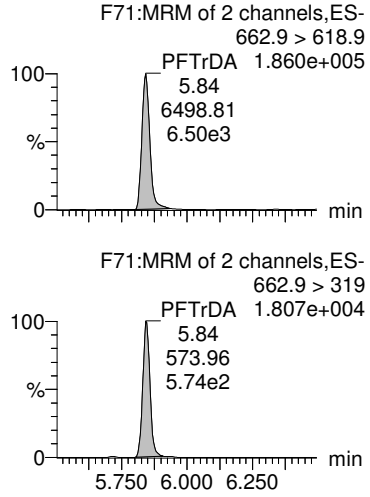
PFDS



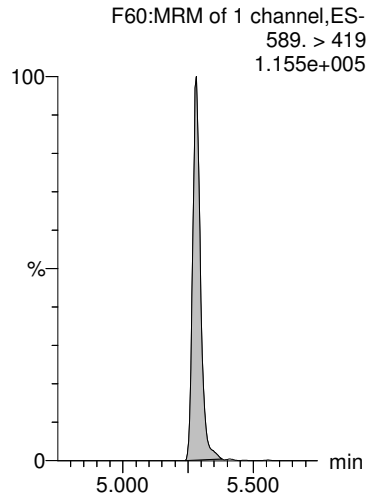
PFDoA



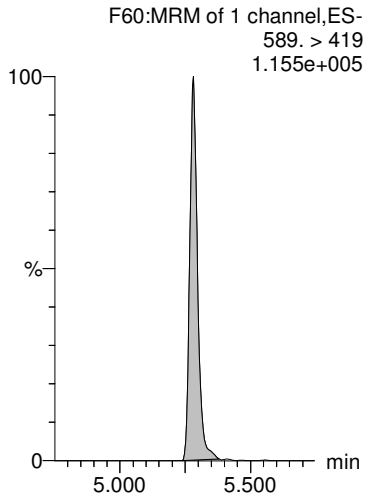
PFTrDA



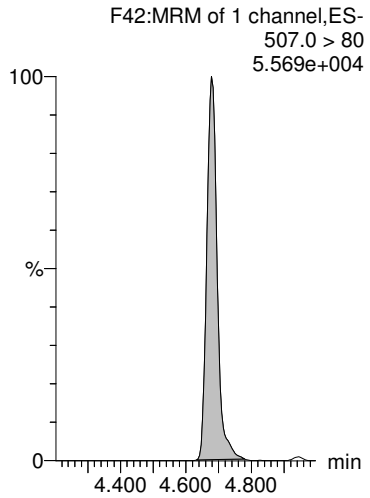
d5-N-EtFOSAA-EIS



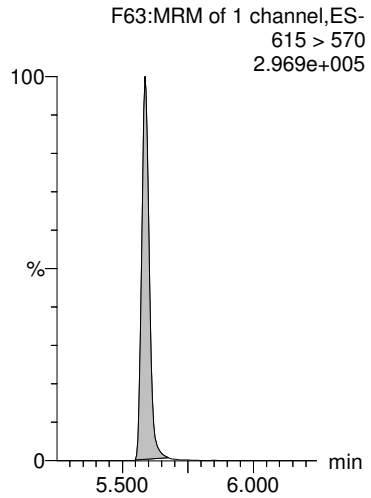
d5-N-EtFOSAA-EIS



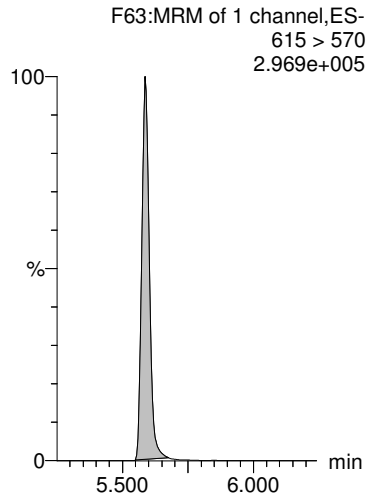
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

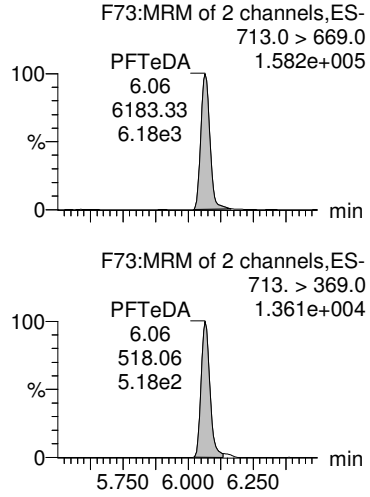


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

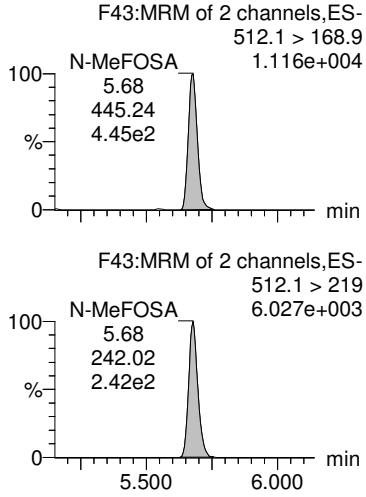
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

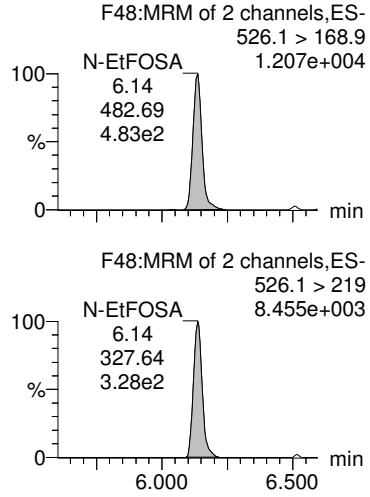
PFTeDA



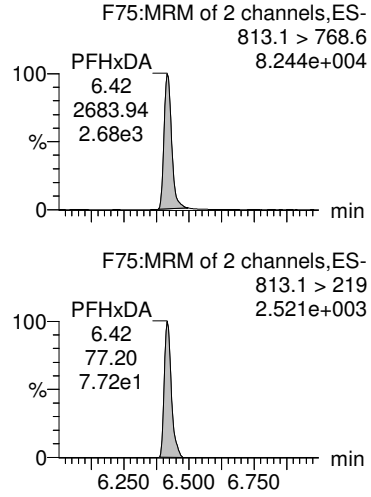
N-MeFOSA



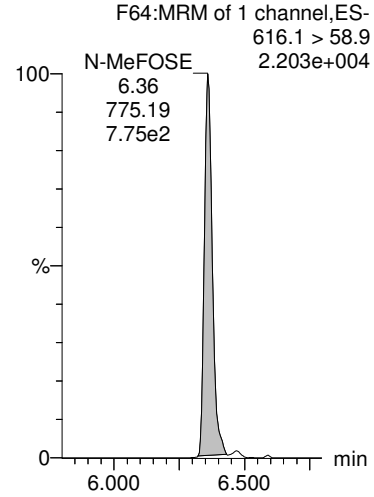
N-EtFOSA



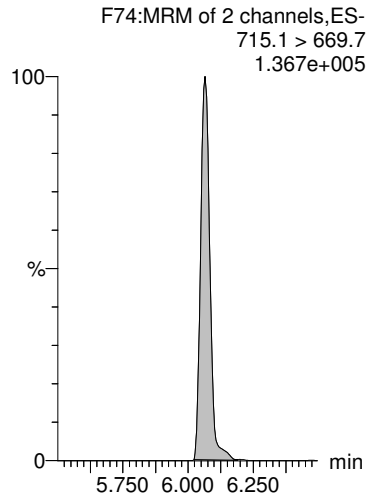
PFHxDA



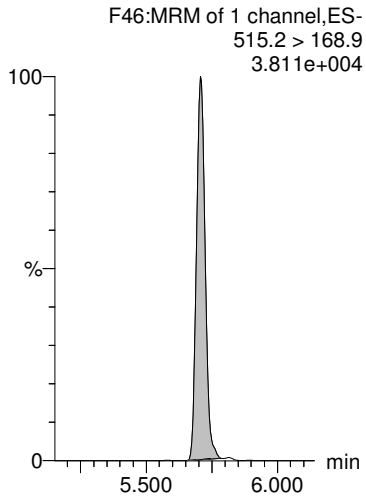
N-MeFOSE



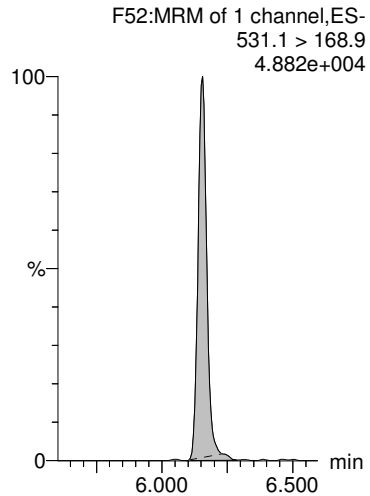
13C2-PFTeDA-EIS



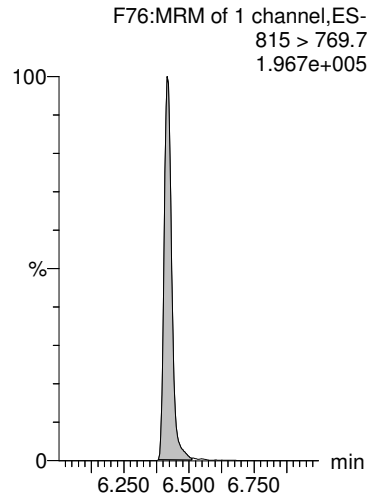
d3-N-MeFOSA-EIS



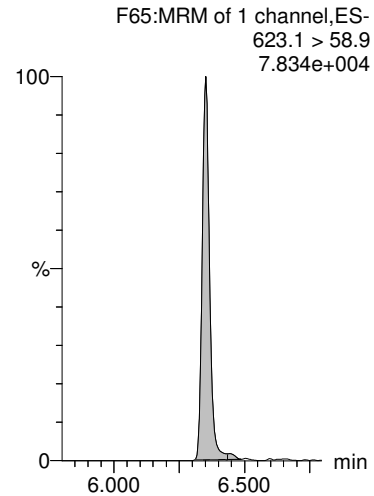
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS

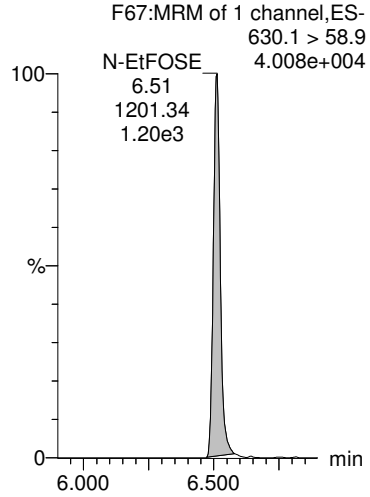


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

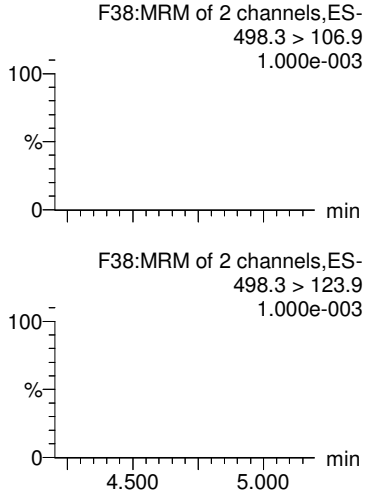
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:32 Pacific Daylight Time

Name: 200602M2_64, Date: 03-Jun-2020, Time: 03:10:31, ID: B0E0170-BS1 OPR 0.125, Description: OPR

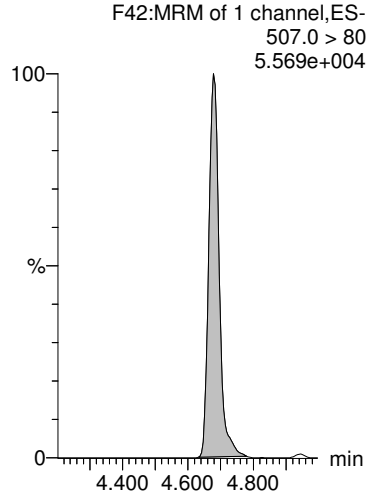
N-EtFOSE



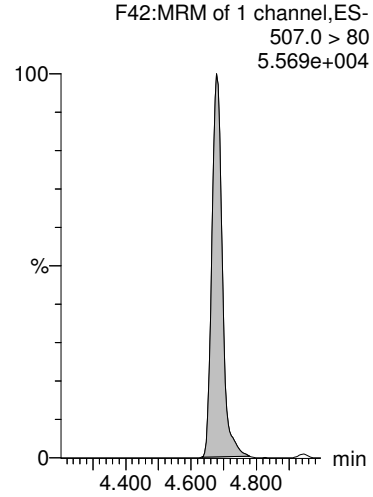
TDCA



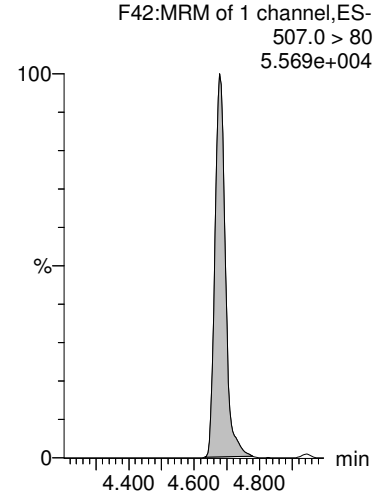
13C8-PFOS-EIS



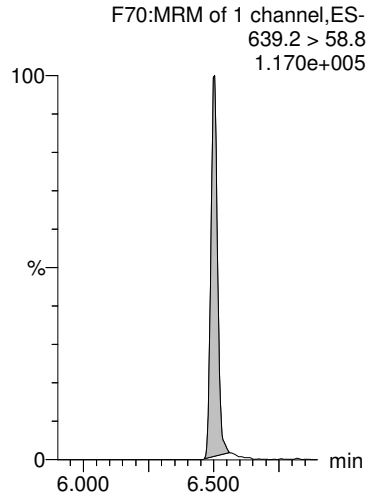
13C8-PFOS-EIS



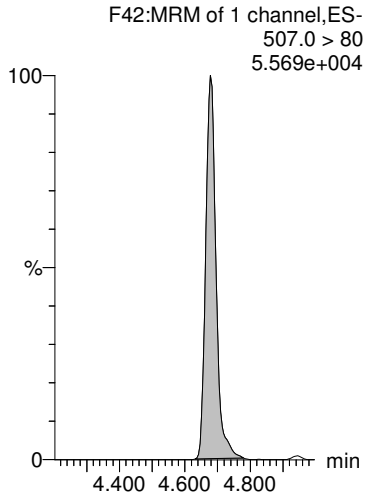
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-67.qld

Last Altered: Wednesday, June 10, 2020 11:08:25 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:09:20 Pacific Daylight Time

Name: 200608M1_67, Date: 09-Jun-2020, Time: 02:27:52, ID: B0F0036-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		1484.473	0.125						NO		YES
2	42	N-EtFOSA	526.1 > 168.9		2458.232	0.125						NO		YES
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1484.473		0.125	73.791	5.57	1484.473	160.939	13.5	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2458.232		0.125	115.260	5.99	2458.232	170.622	14.3	YES		

AMR 6/10/2020

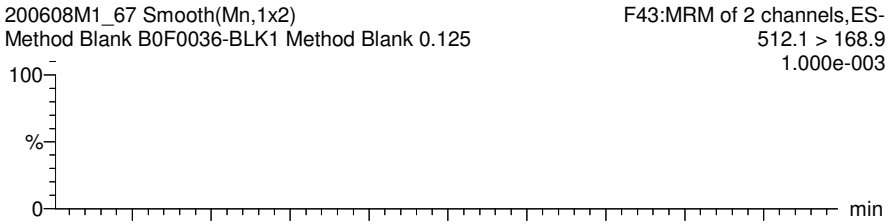
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-67.qld

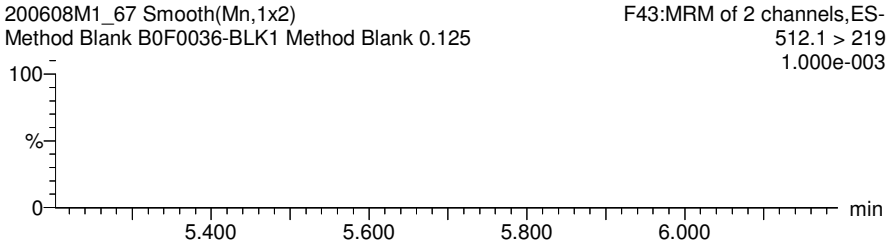
Last Altered: Wednesday, June 10, 2020 11:08:25 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:09:20 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

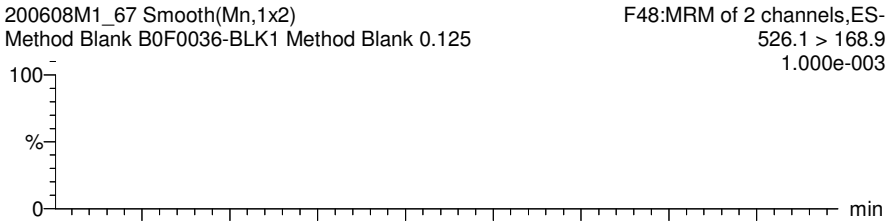
Name: 200608M1_67, Date: 09-Jun-2020, Time: 02:27:52, ID: B0F0036-BLK1 Method Blank 0.125, Description: Method Blank

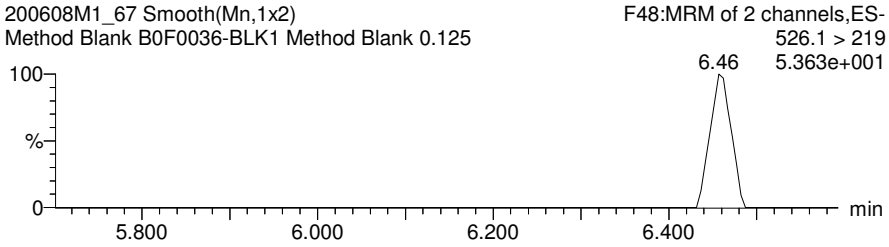
N-MeFOSA



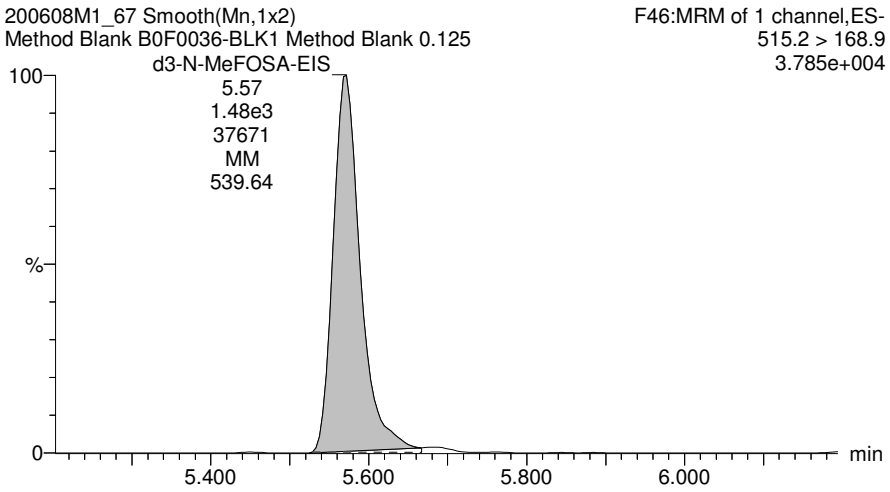


N-EtFOSA

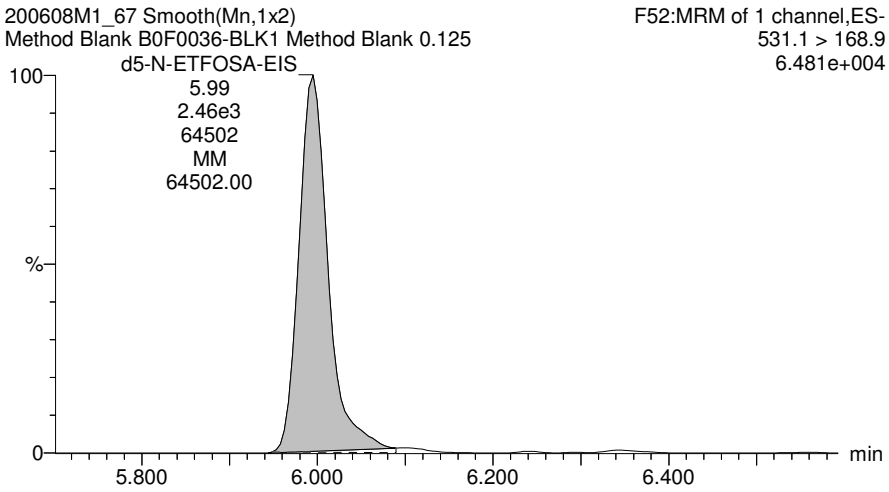




d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



AMR 6/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-68.qld

Last Altered: Wednesday, June 10, 2020 11:11:29 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:11:53 Pacific Daylight Time

Name: 200608M1_68, Date: 09-Jun-2020, Time: 02:38:18, ID: B0F0036-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9	720.305	2270.516	0.125		5.54	47.333	345.337	86.3	NO	1.517	NO
2	42	N-EtFOSA	526.1 > 168.9	912.157	3265.099	0.125		5.98	41.681	372.653	93.2	NO	1.646	NO
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2270.516		0.125	73.791	5.57	2270.516	246.158	20.6	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3265.099		0.125	115.260	5.99	3265.099	226.625	19.0	YES		

AMR 6/10/2020

Vista Analytical Laboratory

OC 6/10/2020

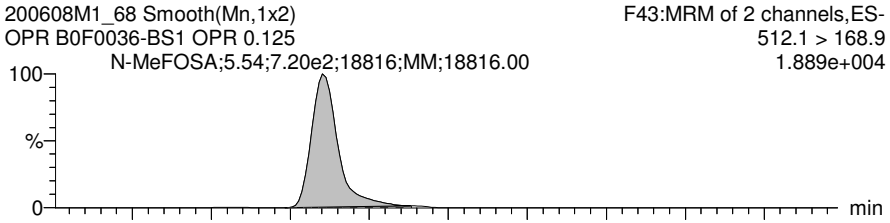
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-68.qld

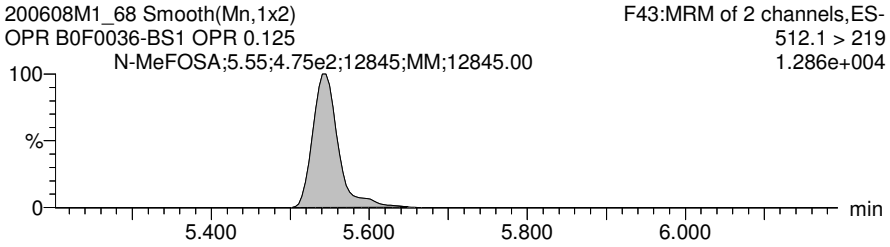
Last Altered: Wednesday, June 10, 2020 11:11:29 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:11:53 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_68, Date: 09-Jun-2020, Time: 02:38:18, ID: B0F0036-BS1 OPR 0.125, Description: OPR

N-MeFOSA





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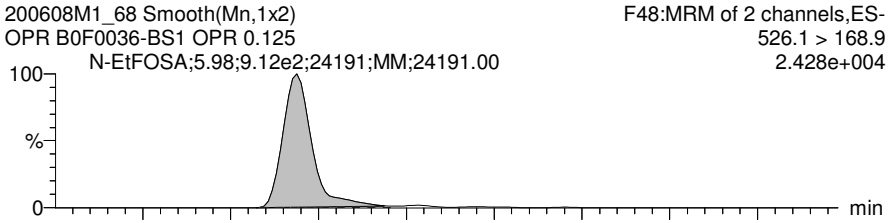

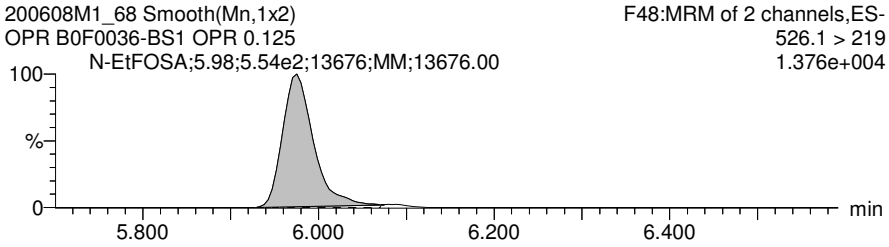

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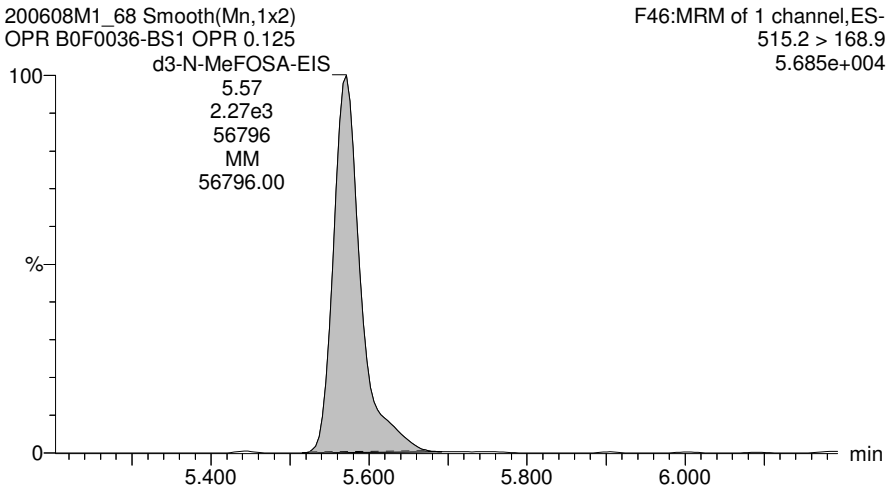

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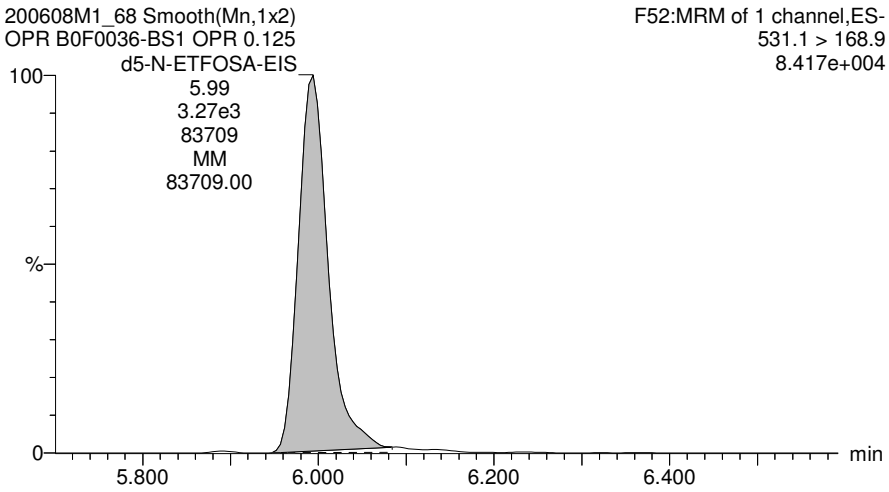

AMR 6/10/2020

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:41 Pacific Daylight Time

Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.26e3	2.58e3	0.110		1.30	1.30	6.10	43.0642			
2	4	PFPeA	263.1 > 218.9	3.17e3	3.95e3	0.110		2.25	2.25	10.0	91.0233			
3	5	PFBS	299.0 > 79.7	1.63e2	9.12e2	0.110		2.53	2.52	2.23	9.0884		2.32	NO
4	7	PFHxA	313.0 > 269.0	1.31e4	8.06e3	0.110		3.05	3.04	20.3	184.8455		17.8	NO
5	11	PFHpA	363.0 > 318.9	2.21e4	4.92e3	0.110		3.65	3.65	56.1	405.5337		14.4	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.58e3		0.110	174.310	1.30	1.30	2580	135.0039	118.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.95e3		0.110	355.452	2.24	2.25	3950	101.3110	88.9		
8	51	13C3-PFBS-EIS	302.0 > 99	9.12e2		0.110	74.705	2.52	2.53	912	111.3238	97.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.06e3		0.110	673.292	3.04	3.05	8060	109.1338	95.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.92e3		0.110	418.493	3.79	3.65	4920	107.2382	94.1		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.09e3	2.07e3	0.110		3.79	3.79	6.58	60.9341		2.15	NO
13	1...	Total PFHxS	399 > 80	1.09e3	2.07e3	0.110		3.83		6.58	60.9341			
14	15	6:2 FTS	427.1 > 407.0		1.22e3	0.110		4.10						YES
15	19	PFHpS	448.9 > 80.0	1.32e2	2.19e3	0.110		4.29	4.27	0.755	7.4887		2.75	NO
16	21	PFNA	463.0 > 418.8	5.85e3	7.44e3	0.110		4.59	4.59	9.83	76.0496		5.05	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.07e3		0.110	185.544	3.80	3.79	2070	101.6437	89.2		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.07e3		0.110	185.544	3.80	3.79	2070	101.6437	89.2		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.22e3		0.110	101.130	4.19	4.10	1220	110.3320	96.8		
20	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.44e3		0.110	674.136	4.80	4.59	7440	100.5964	88.3		
22	-1													
23	16	L-PFOA	412.8 > 368.9	6.67e4	9.51e3	0.110		4.15	4.15	87.7	577.4465		3.38	NO
24	1...	Total PFOA	412.8 > 368.9	6.67e4	9.51e3	0.110		4.20		87.7	577.4465			
25	23	L-PFOS	499 > 80	1.75e3	2.19e3	0.110		4.68	4.53	10.0	108.2256		3.20	YES
26	1...	Total PFOS	499 > 80	1.75e3	2.19e3	0.110		4.73		10.0	108.2256			
27	22	PFOSA	498.0 > 78.0	2.42e2	1.65e3	0.110		4.65	4.65	1.84	16.0375		36.3	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.51e3		0.110	778.175	4.30	4.15	9510	111.4545	97.8		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.51e3		0.110	778.175	4.30	4.15	9510	111.4545	97.8		
30	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		
31	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		
32	67	13C8-PFOSA-EIS	506. > 78	1.65e3		0.110	231.112	4.76	4.65	1650	64.9176	57.0		
33	-1													
34	26	PFDA	513 > 468.8		7.81e3	0.110		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		1.29e3	0.110		4.94						YES
36	29	L-MeFOSAA	570 > 419		5.60e3	0.110		5.12						YES

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:41 Pacific Daylight Time

Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.60e3	0.110		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.16e4	0.110		5.30						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	7.81e3		0.110	717.399	5.10	4.97	7810	99.3179	87.1		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.29e3		0.110	107.927	4.98	4.94	1290	108.9481	95.6		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.60e3		0.110	596.470	5.13	5.12	5600	85.5975	75.1		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.60e3		0.110	596.470	5.13	5.12	5600	85.5975	75.1		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.16e4		0.110	1057.423	5.55	5.30	11600	100.3183	88.0		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		5.20e3	0.110		5.28						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	5.20e3	0.110		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.19e3	0.110		5.30						YES
48	37	PFDoA	612.9 > 569.0		1.18e4	0.110		5.59						YES
49	39	PFTrDA	662.9 > 618.9		1.18e4	0.110		5.84						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.20e3		0.110	475.939	5.43	5.28	5200	99.5628	87.3		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.20e3		0.110	475.939	5.43	5.28	5200	99.5628	87.3		
52	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		
53	83	13C2-PFDoA-EIS	615 > 570	1.18e4		0.110	1054.715	5.60	5.59	11800	102.4418	89.9		
54	83	13C2-PFDoA-EIS	615 > 570	1.18e4		0.110	1054.715	5.60	5.59	11800	102.4418	89.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.97e3	0.110		6.06						YES
57	38	N-MeFOSA	512.1 > 168.9		2.93e3	0.110		5.70						YES
58	42	N-EtFOSA	526.1 > 168.9		4.13e3	0.110		6.13						YES
59	43	PFHxDA	813.1 > 768.6		1.06e4	0.110		6.42						YES
60	45	N-MeFOSE	616.1 > 58.9		5.20e3	0.110		6.35						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.97e3		0.110	886.344	6.08	6.06	8970	92.2824	81.0		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.93e3		0.110	84.837	5.72	5.71	2930	314.5232	23.1		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.13e3		0.110	127.429	6.16	6.15	4130	295.8105	21.7		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.06e4		0.110	1186.125	6.62	6.42	10600	81.7642	71.7		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.20e3		0.110	66.928	6.35	6.35	5200	708.8392	52.1		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		5.33e3	0.110		6.50						
68	1...	TDCA	498.3>106.9			0.110		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		
70	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		
71	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.33e3		0.110	73.193	6.51	6.50	5330	663.5479	48.8		

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:41 Pacific Daylight Time

Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.19e3		0.110	212.650	4.95	4.68	2190	93.7355	82.2		

GM 6/5/2020

Vista Analytical Laboratory L26

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:41 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

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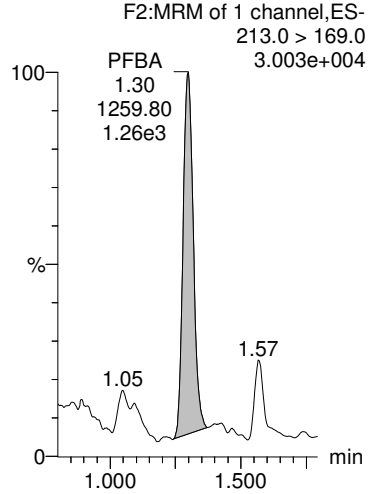

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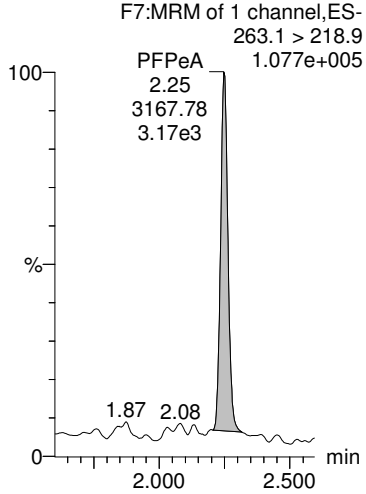

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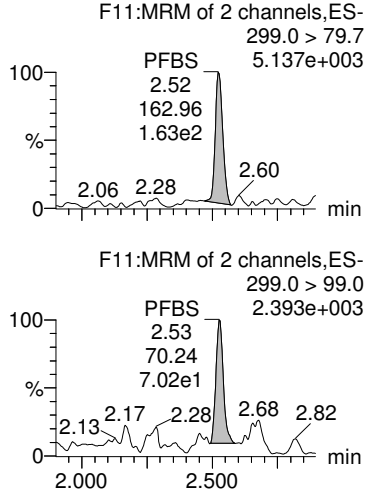

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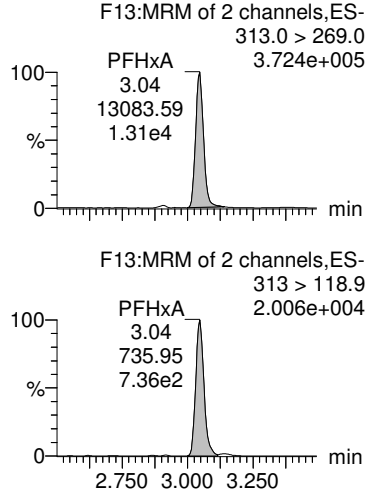

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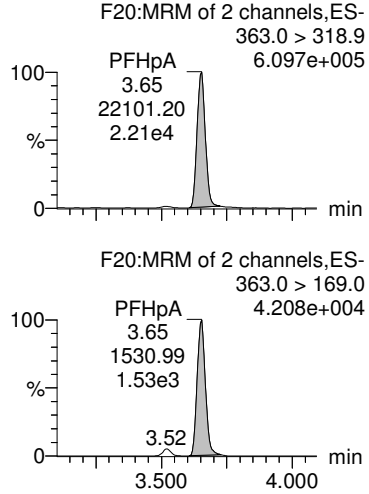

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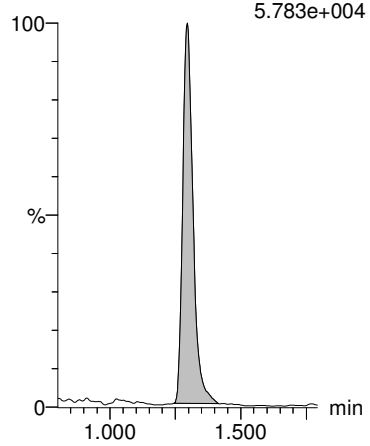

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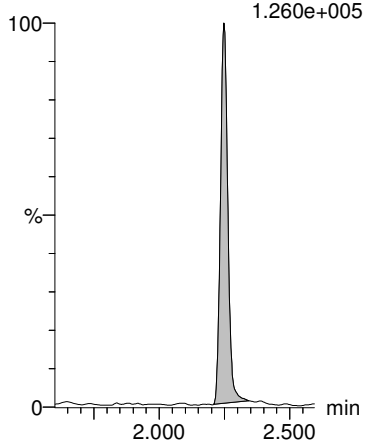

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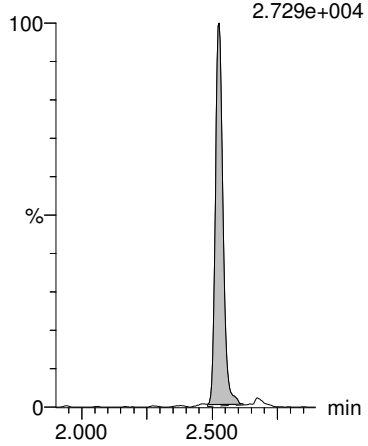

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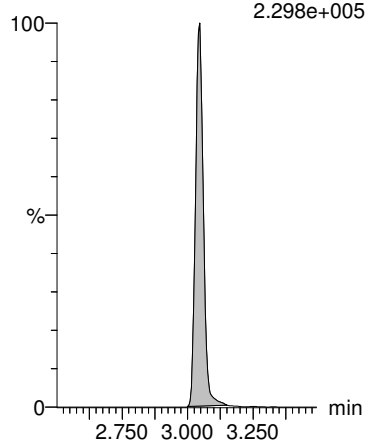

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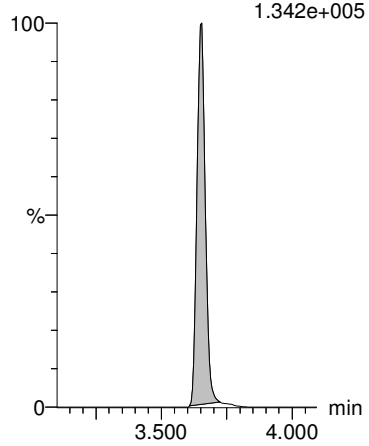


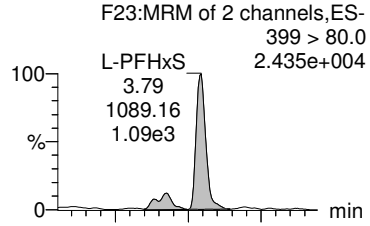
GM 6/5/2020

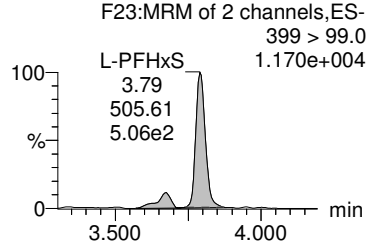
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:41 Pacific Daylight Time

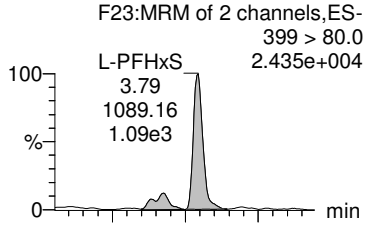
Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

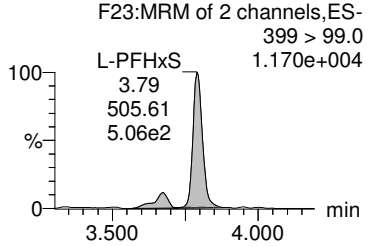
L-PFHxS



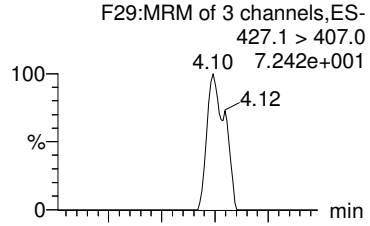


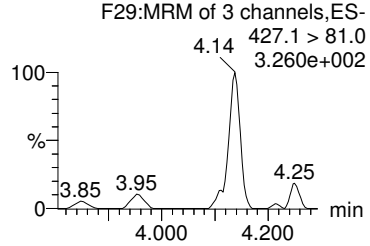
Total PFHxS



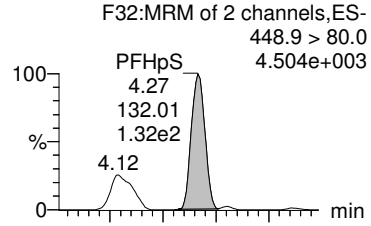


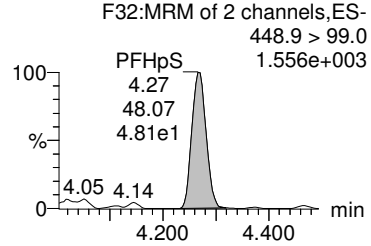
6:2 FTS



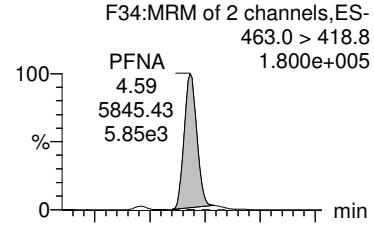


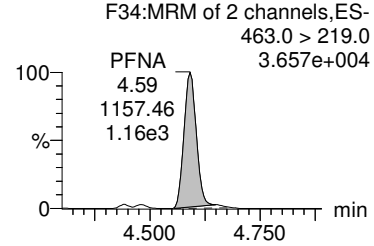
PFHpS



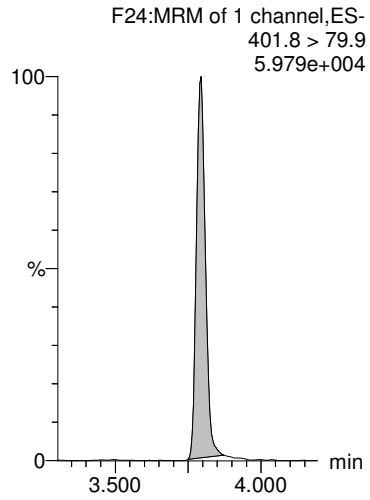


PFNA





13C3-PFHxS-EIS



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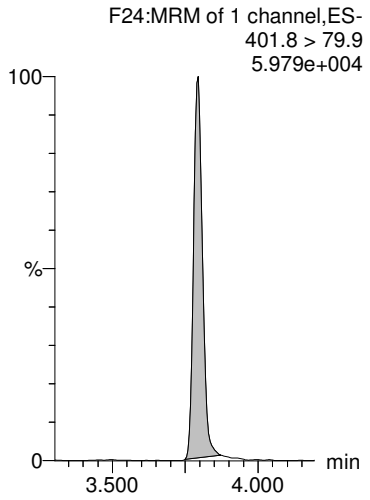
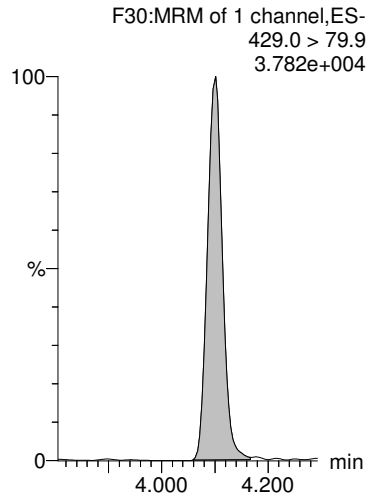
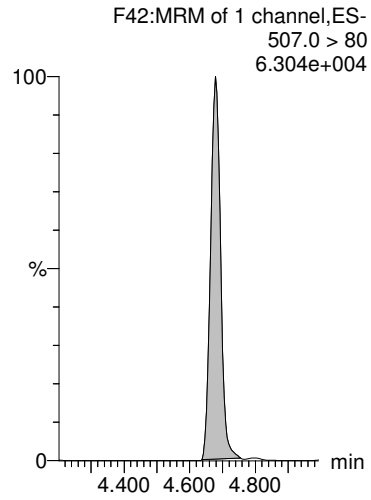


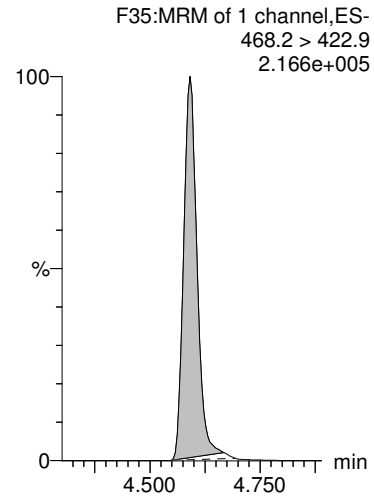
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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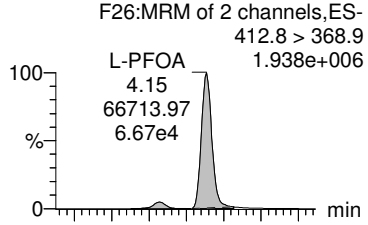
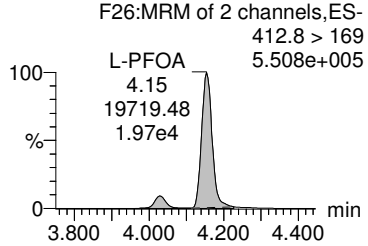
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:41 Pacific Daylight Time

Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

L-PFOA





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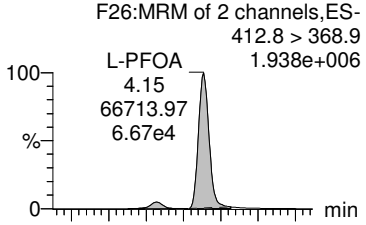
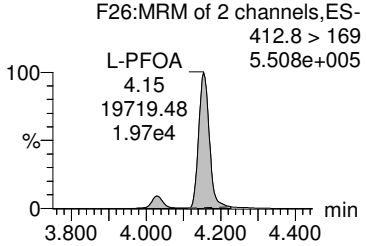
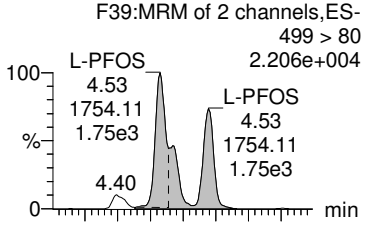
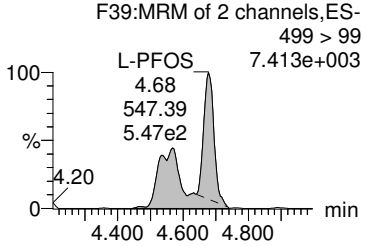


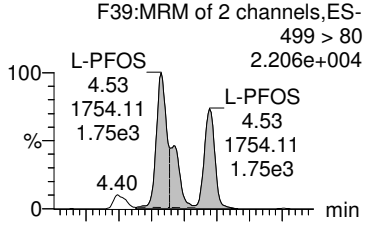


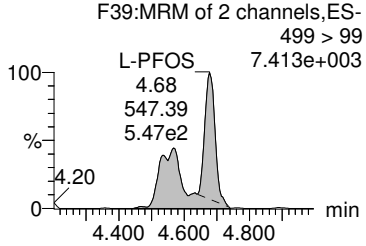
L-PFOS



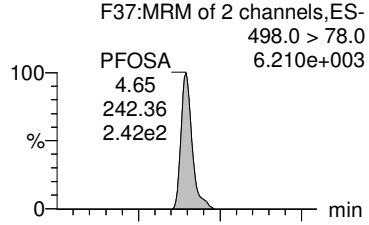


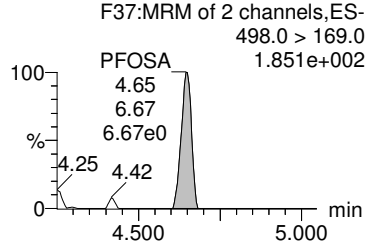
Total PFOS



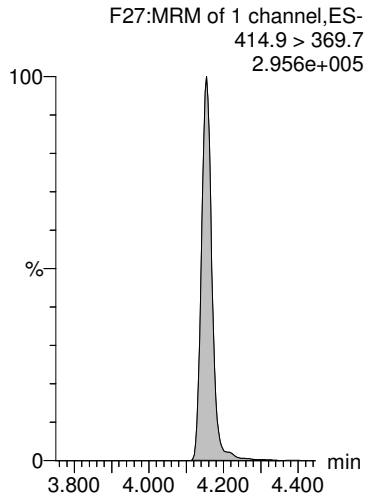


PFOSA





13C2-PFOA-EIS



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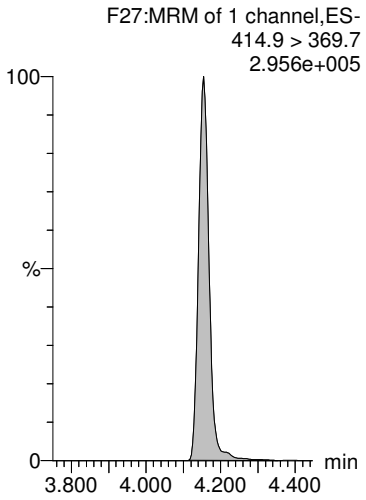
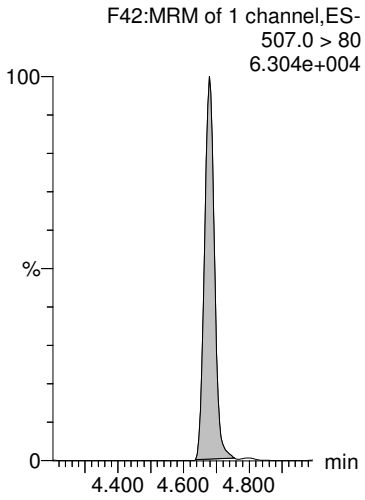


13C8-PFOS-EIS



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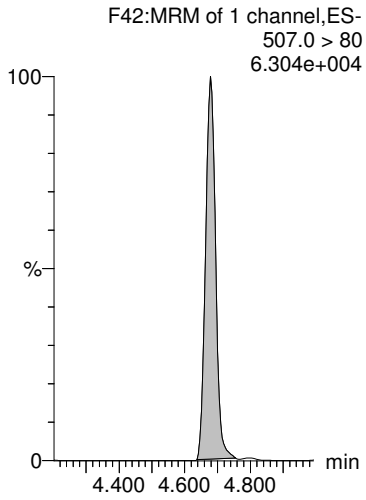

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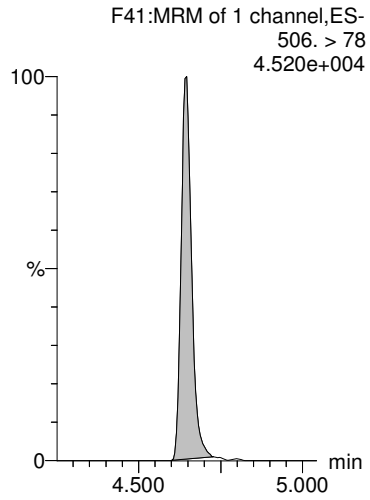

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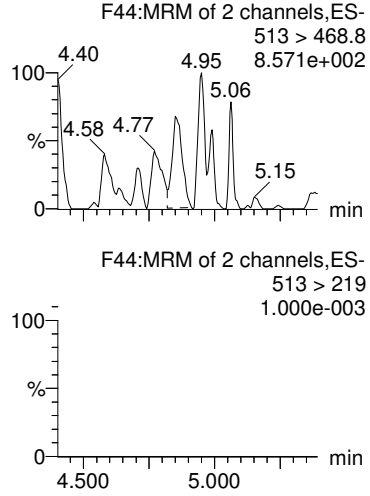
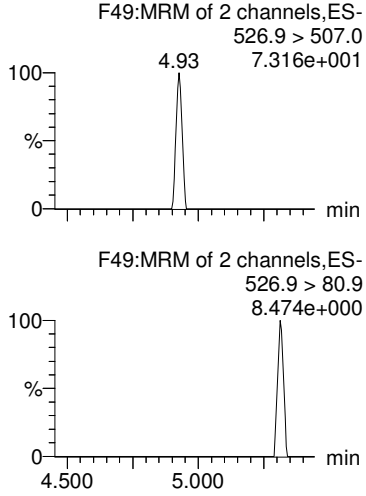
Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

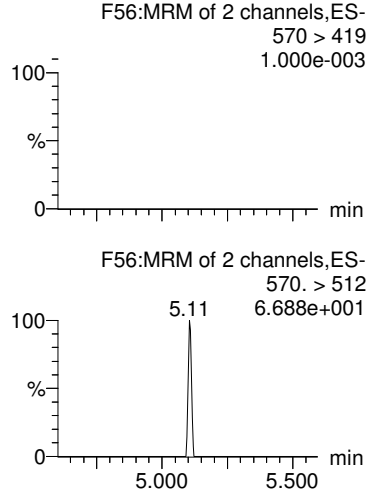
PFDA



8:2 FTS



L-MeFOSAA



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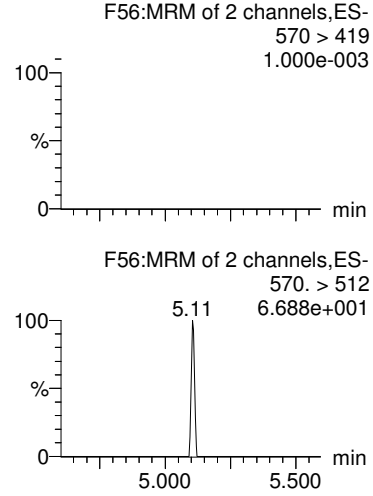

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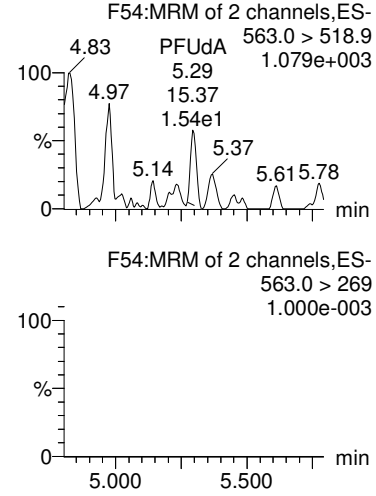
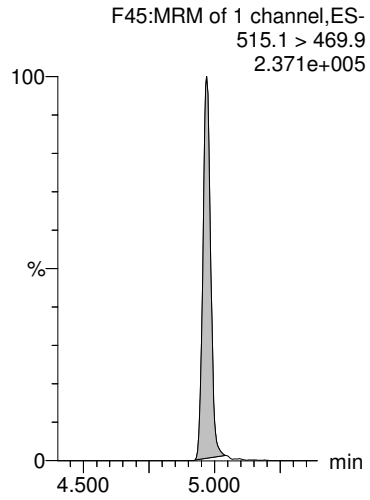
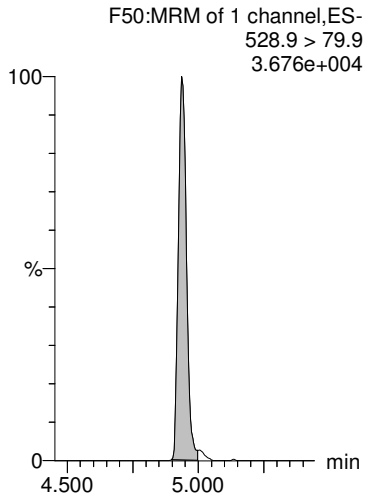


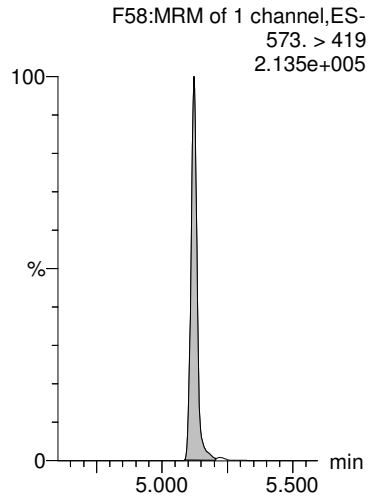
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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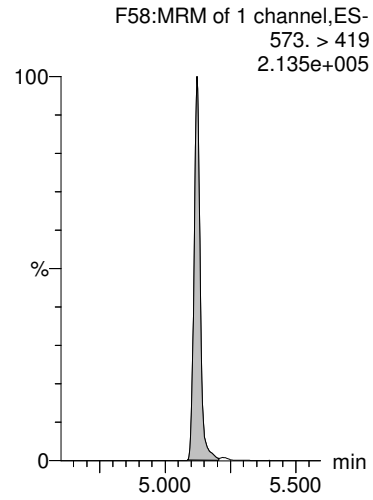

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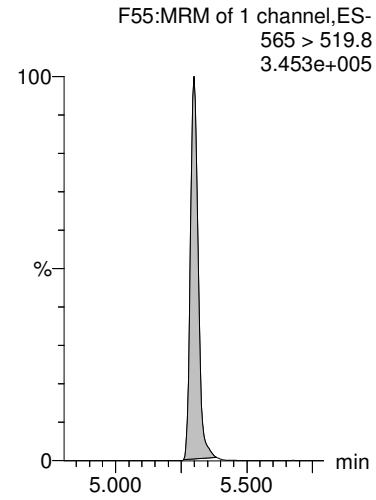

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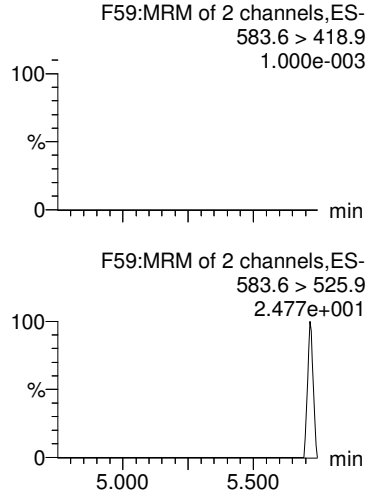
Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

L-EtFOSAA



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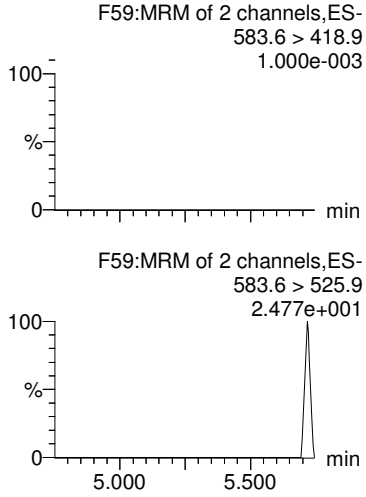

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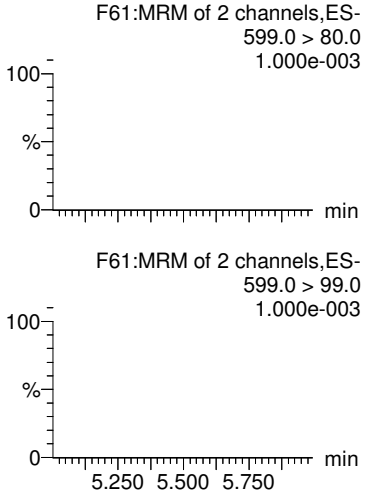
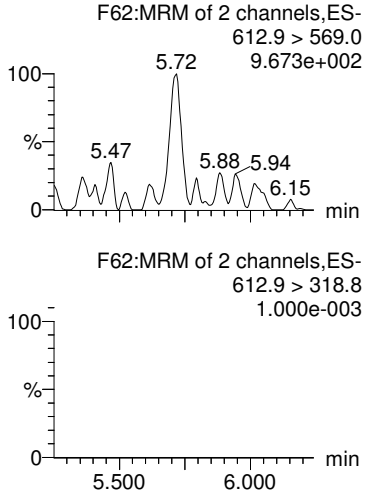


PFDoA



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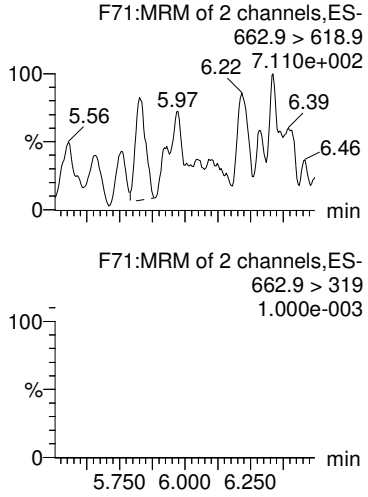
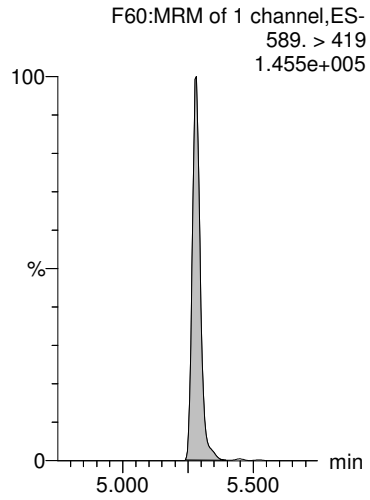


d5-N-EtFOSAA-EIS



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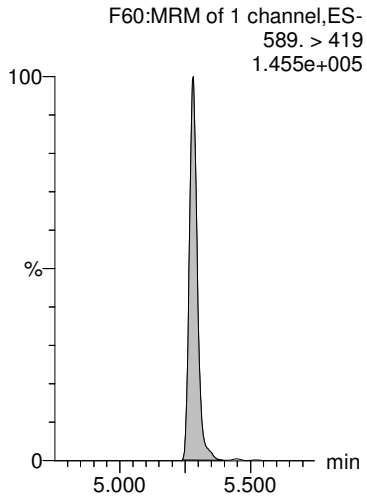
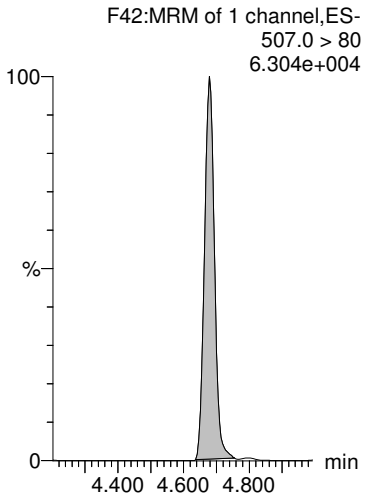


13C8-PFOS-EIS



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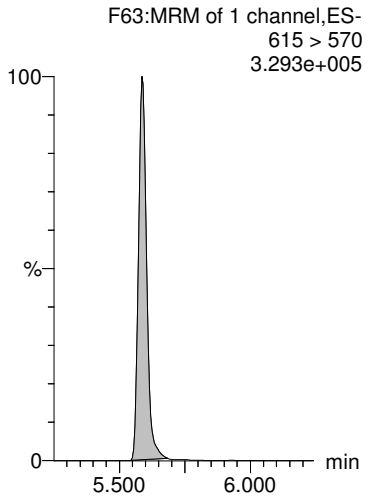

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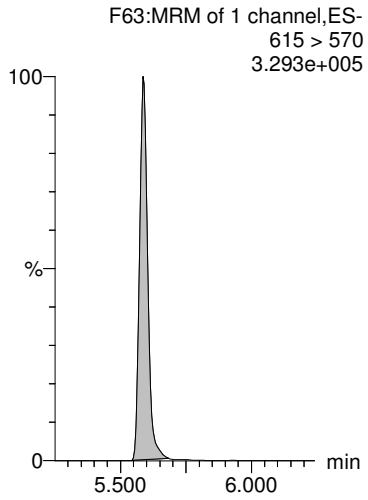

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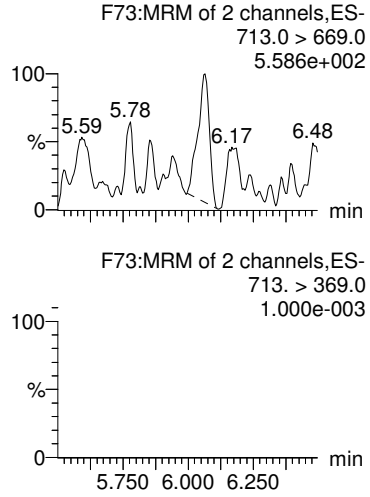
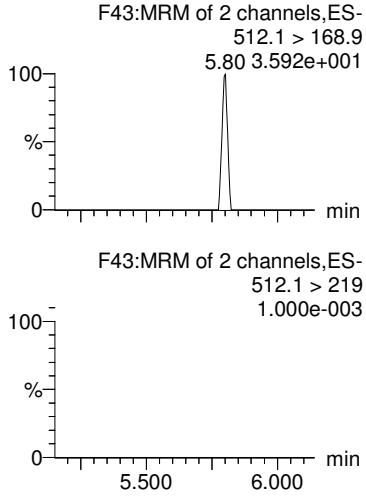
Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

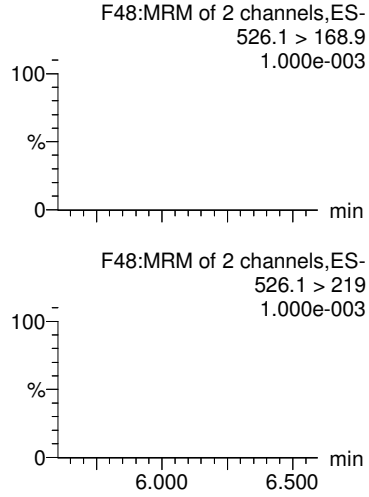
PFTeDA



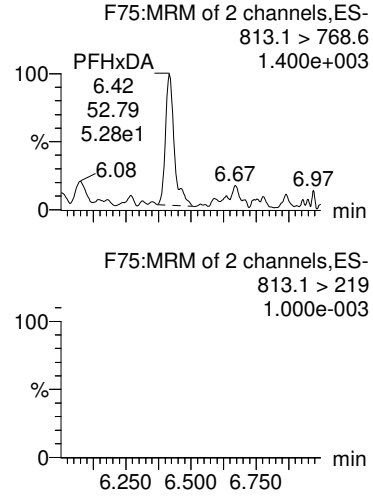
N-MeFOSA



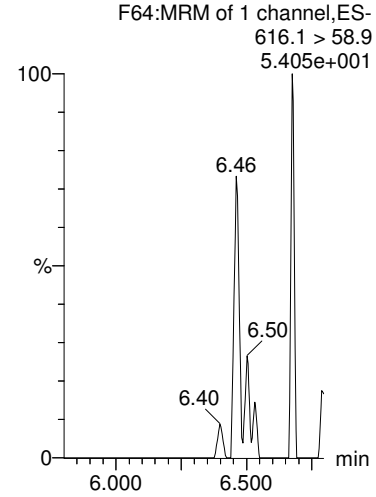
N-EtFOSA



PFHxDA



N-MeFOSE



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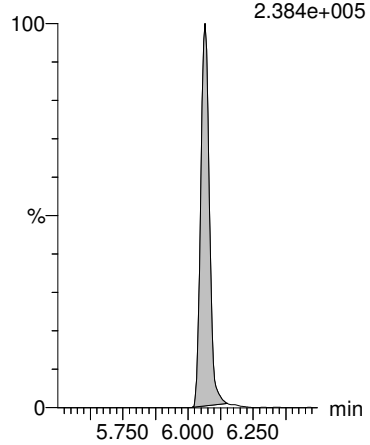
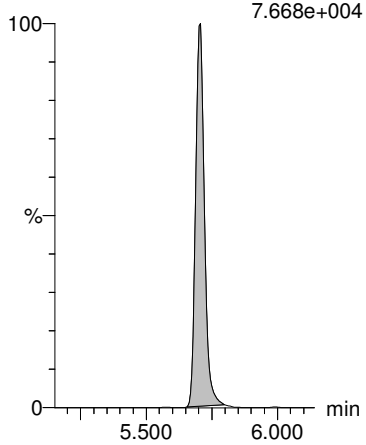
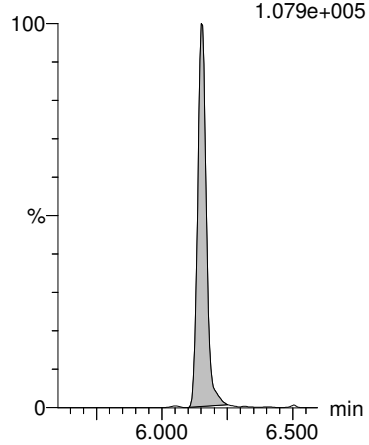


d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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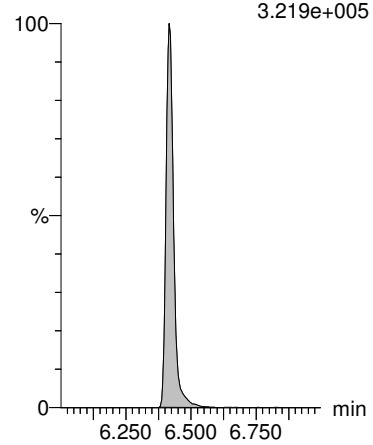

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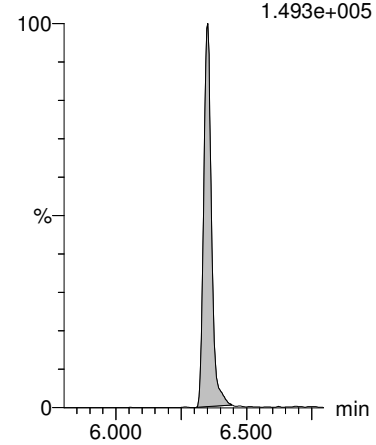
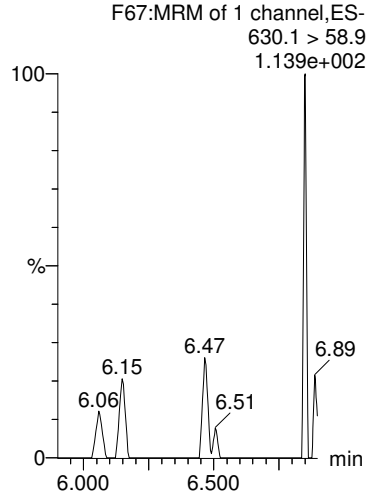


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:41 Pacific Daylight Time

Name: 200602M2_67, Date: 03-Jun-2020, Time: 03:41:44, ID: 2001090-01 GW-MW-5S 0.10966, Description: GW-MW-5S

N-EtFOSE



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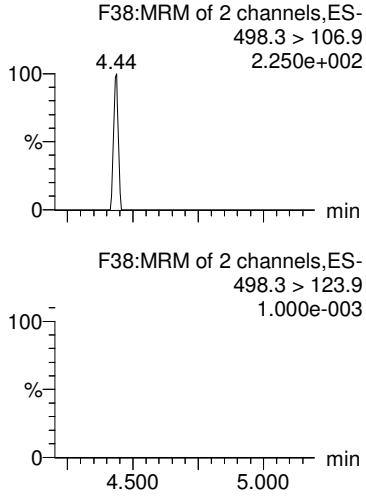

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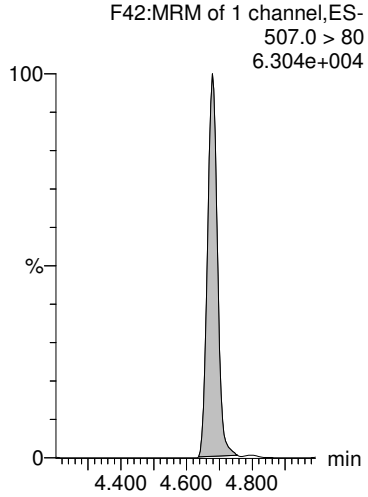
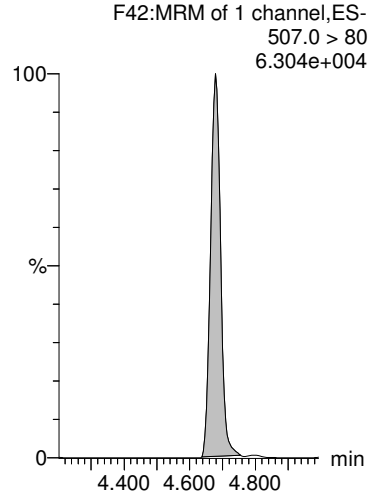


13C8-PFOS-EIS



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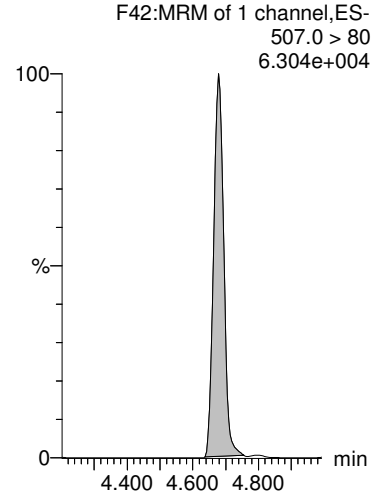
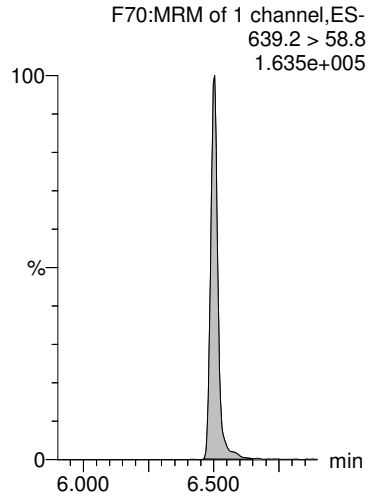
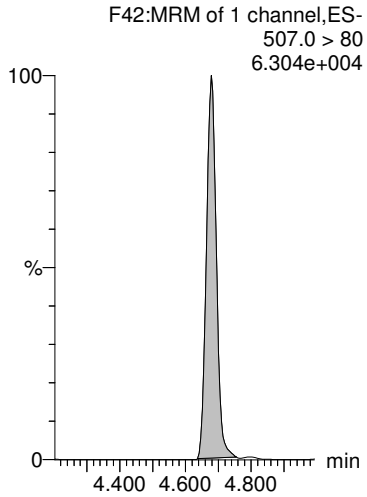


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:55 Pacific Daylight Time

Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	6.97e2	2.13e3	0.112		1.30	1.29	4.09	28.3780			
2	4	PFPeA	263.1 > 218.9	1.17e3	3.41e3	0.112		2.25	2.24	4.29	37.9333			
3	5	PFBS	299.0 > 79.7	4.96e2	8.94e2	0.112		2.53	2.53	6.93	28.7071		2.29	NO
4	7	PFHxA	313.0 > 269.0	5.63e3	6.94e3	0.112		3.05	3.04	10.1	89.7548		22.4	NO
5	11	PFHpA	363.0 > 318.9	2.35e3	4.01e3	0.112		3.65	3.65	7.35	51.6350		15.6	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.13e3		0.112	174.310	1.30	1.30	2130	108.5775	97.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.41e3		0.112	355.452	2.24	2.25	3410	85.2572	76.7		
8	51	13C3-PFBS-EIS	302.0 > 99	8.94e2		0.112	74.705	2.52	2.53	894	106.4257	95.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.94e3		0.112	673.292	3.04	3.05	6940	91.6835	82.5		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.01e3		0.112	418.493	3.79	3.65	4010	85.1438	76.6		
11	-1													
12	13	L-PFHxS	399 > 80.0	8.75e2	1.94e3	0.112		3.79	3.79	5.62	50.7280		1.65	NO
13	1...	Total PFHxS	399 > 80	8.75e2	1.94e3	0.112		3.83		5.62	50.7280			
14	15	6:2 FTS	427.1 > 407.0		1.14e3	0.112		4.10						YES
15	19	PFHpS	448.9 > 80.0	3.23e1	2.37e3	0.112		4.29	4.27	0.170	0.5983		2.46	NO
16	21	PFNA	463.0 > 418.8		7.22e3	0.112		4.59						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	1.94e3		0.112	185.544	3.80	3.79	1940	93.2030	83.9		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	1.94e3		0.112	185.544	3.80	3.79	1940	93.2030	83.9		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.14e3		0.112	101.130	4.19	4.10	1140	100.5439	90.5		
20	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.22e3		0.112	674.136	4.80	4.59	7220	95.2263	85.7		
22	-1													
23	16	L-PFOA	412.8 > 368.9	8.53e3	7.75e3	0.112		4.15	4.15	13.8	86.2108		2.98	NO
24	1...	Total PFOA	412.8 > 368.9	8.53e3	7.75e3	0.112		4.20		13.8	86.2108			
25	23	L-PFOS	499 > 80	3.12e2	2.37e3	0.112		4.67	4.67	1.64	16.6790		1.59	NO
26	1...	Total PFOS	499 > 80	3.12e2	2.37e3	0.112		4.73		1.64	16.6790			
27	22	PFOSA	498.0 > 78.0	5.48e1	1.52e3	0.112		4.64	4.64	0.452	4.5892		74.8	YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.75e3		0.112	778.175	4.30	4.15	7750	88.5637	79.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.75e3		0.112	778.175	4.30	4.15	7750	88.5637	79.7		
30	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		
31	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		
32	67	13C8-PFOSA-EIS	506. > 78	1.52e3		0.112	231.112	4.76	4.64	1520	58.2916	52.4		
33	-1													
34	26	PFDA	513 > 468.8		6.50e3	0.112		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		9.07e2	0.112		4.94						YES
36	29	L-MeFOSAA	570 > 419		5.53e3	0.112		5.11						YES

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:55 Pacific Daylight Time

Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.53e3	0.112		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.06e4	0.112		5.29						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	6.50e3		0.112	717.399	5.10	4.97	6500	80.5516	72.5		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	9.07e2		0.112	107.927	4.98	4.94	907	74.7426	67.2		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.53e3		0.112	596.470	5.13	5.11	5530	82.3827	74.1		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.53e3		0.112	596.470	5.13	5.11	5530	82.3827	74.1		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.06e4		0.112	1057.423	5.55	5.29	10600	88.9794	80.1		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		5.07e3	0.112		5.27						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	5.07e3	0.112		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.37e3	0.112		5.30						YES
48	37	PFDoA	612.9 > 569.0		1.05e4	0.112		5.58						YES
49	39	PFTrDA	662.9 > 618.9		1.05e4	0.112		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.07e3		0.112	475.939	5.43	5.27	5070	94.6388	85.1		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.07e3		0.112	475.939	5.43	5.27	5070	94.6388	85.1		
52	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		
53	83	13C2-PFDoA-EIS	615 > 570	1.05e4		0.112	1054.715	5.60	5.58	10500	88.1571	79.3		
54	83	13C2-PFDoA-EIS	615 > 570	1.05e4		0.112	1054.715	5.60	5.58	10500	88.1571	79.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.31e3	0.112		6.05						YES
57	38	N-MeFOSA	512.1 > 168.9		3.36e3	0.112		5.69						YES
58	42	N-EtFOSA	526.1 > 168.9		4.22e3	0.112		6.12						YES
59	43	PFHxDA	813.1 > 768.6		6.97e3	0.112		6.41						YES
60	45	N-MeFOSE	616.1 > 58.9		5.14e3	0.112		6.34						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.31e3		0.112	886.344	6.08	6.05	7310	73.3342	66.0		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.36e3		0.112	84.837	5.72	5.70	3360	352.4335	26.6		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.22e3		0.112	127.429	6.16	6.14	4220	294.6949	22.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.97e3		0.112	1186.125	6.62	6.41	6970	52.2242	47.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.14e3		0.112	66.928	6.34	6.34	5140	682.6286	51.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.98e3	0.112		6.49						
68	1...	TDCA	498.3>106.9			0.112		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		
70	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		
71	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.98e3		0.112	73.193	6.51	6.49	4980	604.5717	45.6		

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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Printed: Friday, June 05, 2020 17:31:55 Pacific Daylight Time

Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.37e3		0.112	212.650	4.95	4.67	2370	99.1916	89.2		

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MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:55 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

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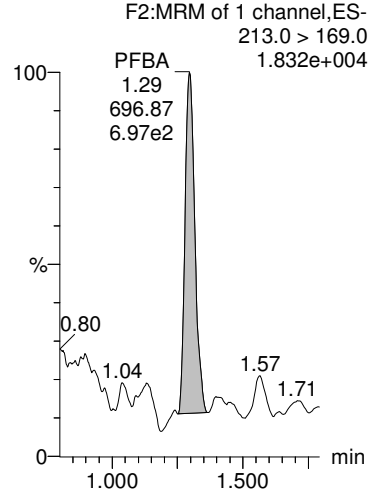

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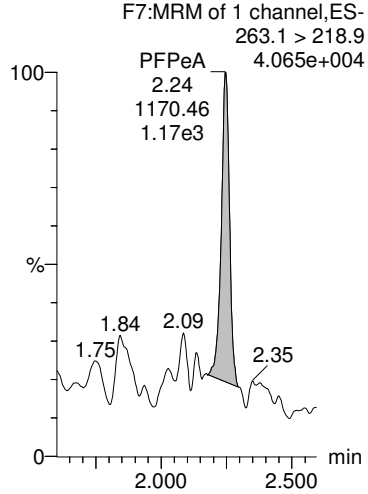

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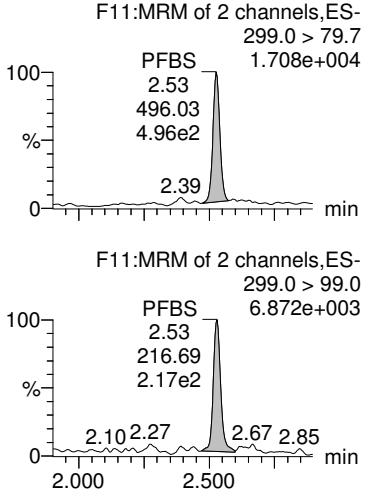
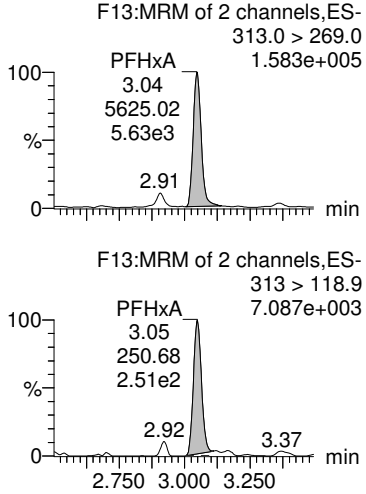
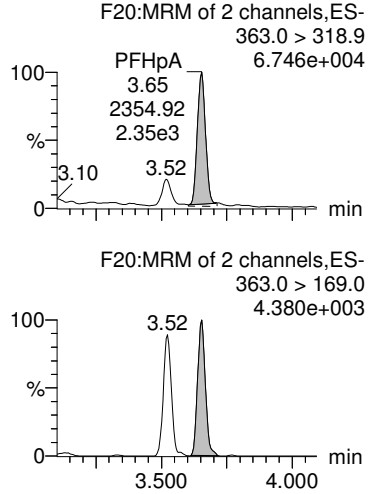


PFHxA



PFHpA



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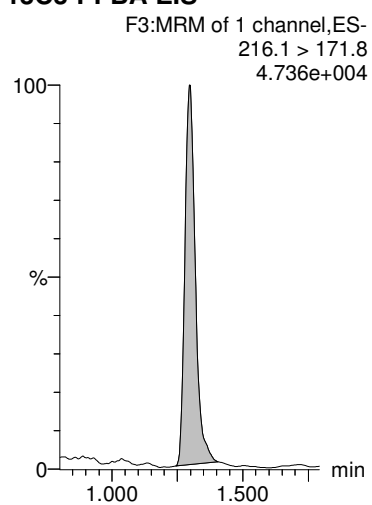

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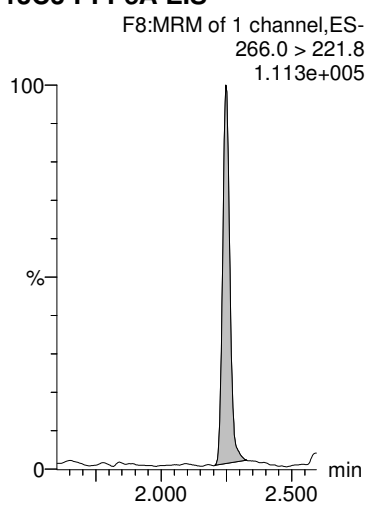

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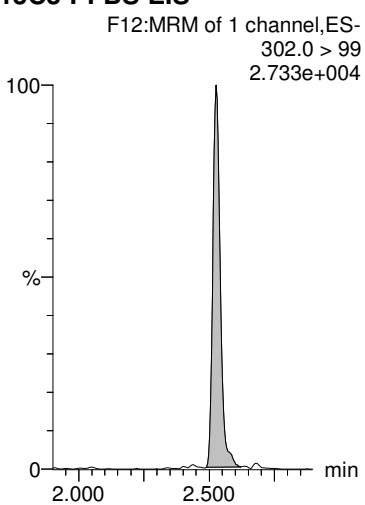

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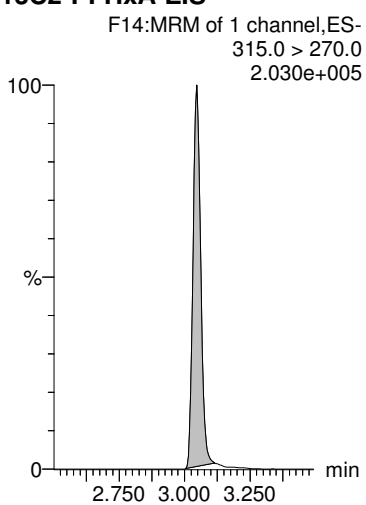

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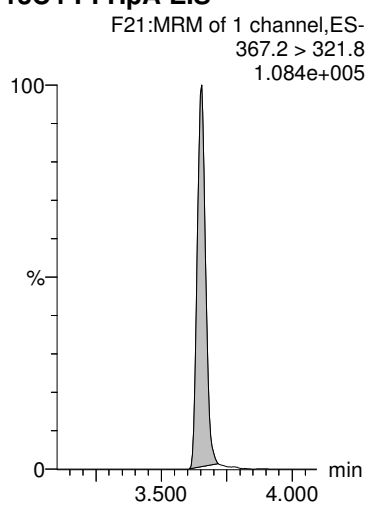

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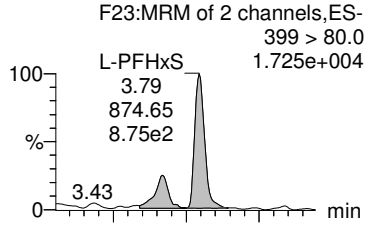
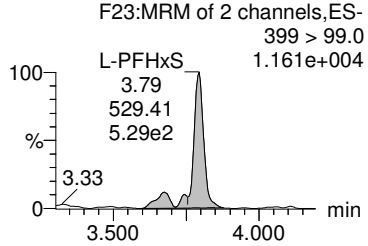
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:55 Pacific Daylight Time

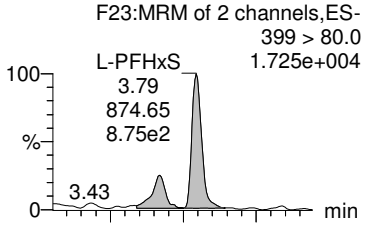
Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

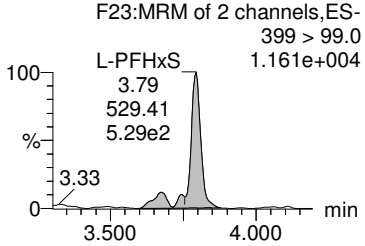
L-PFHxS



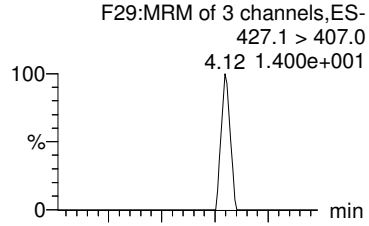


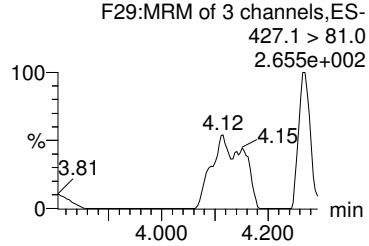
Total PFHxS



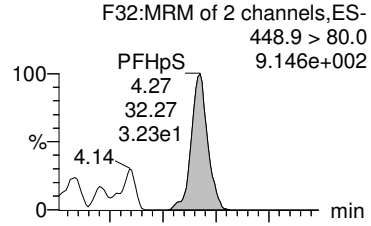


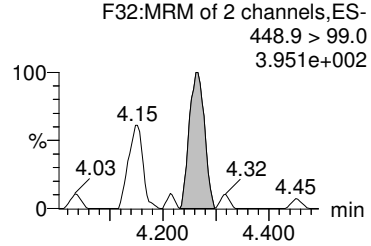
6:2 FTS



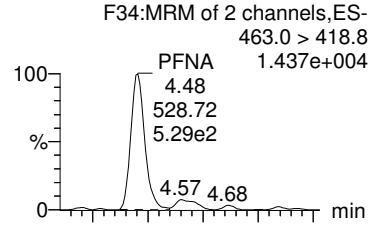


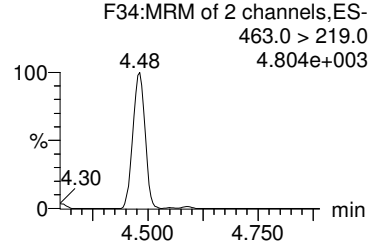
PFHpS



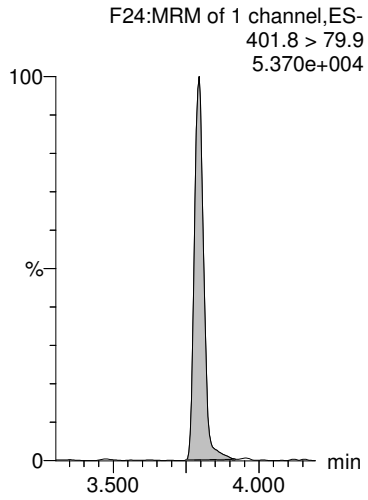


PFNA





13C3-PFHxS-EIS



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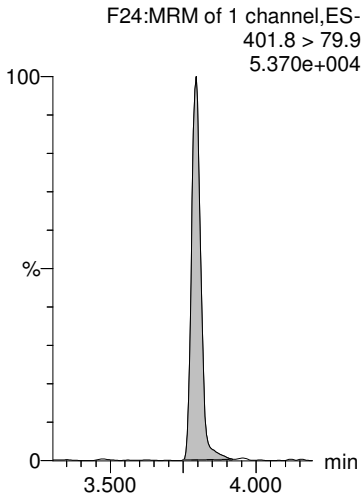
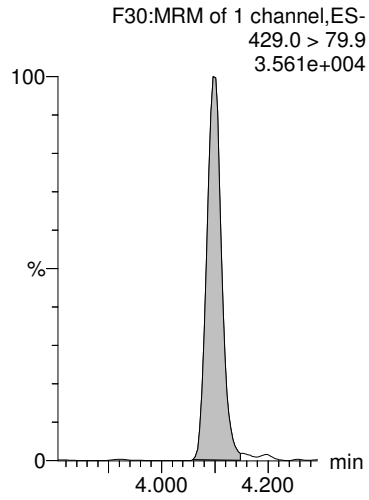
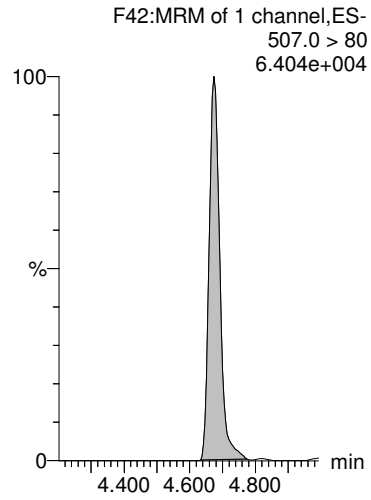


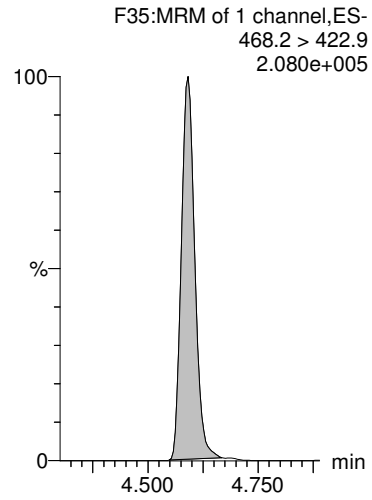
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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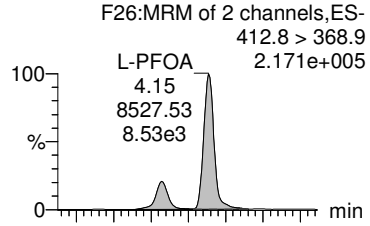
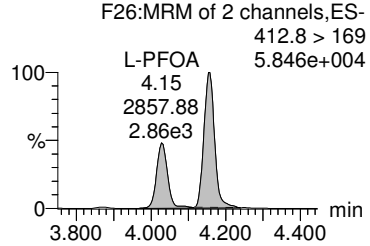
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:55 Pacific Daylight Time

Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

L-PFOA





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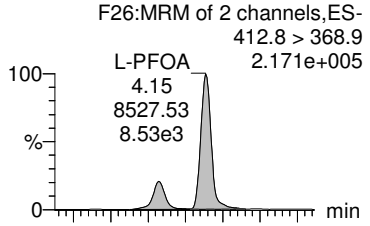
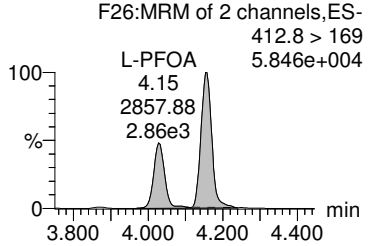
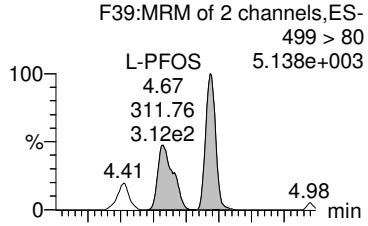
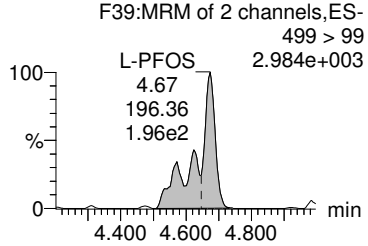




L-PFOS





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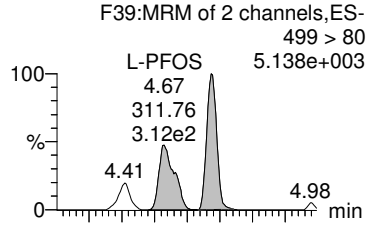
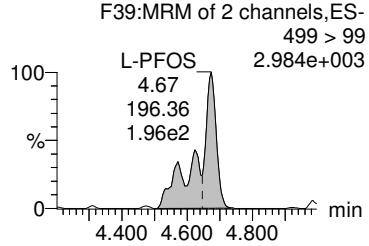
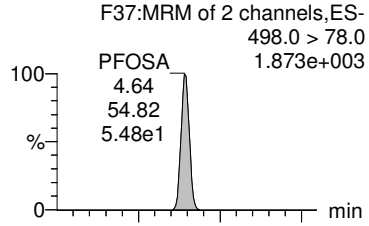
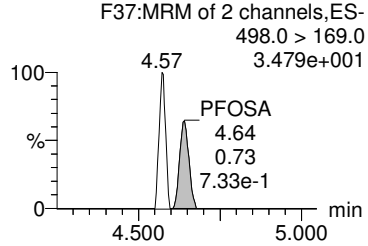




PFOSA





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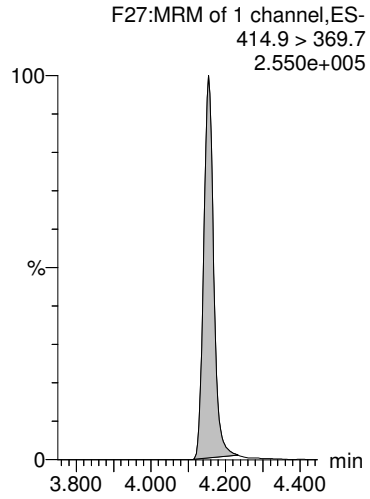

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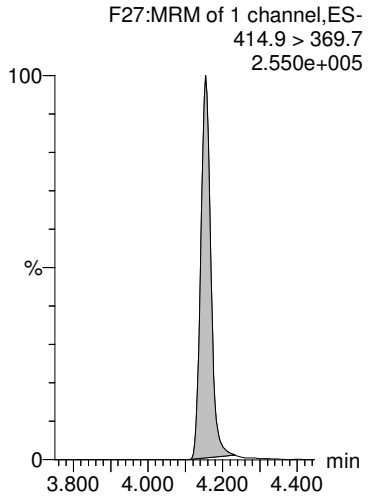
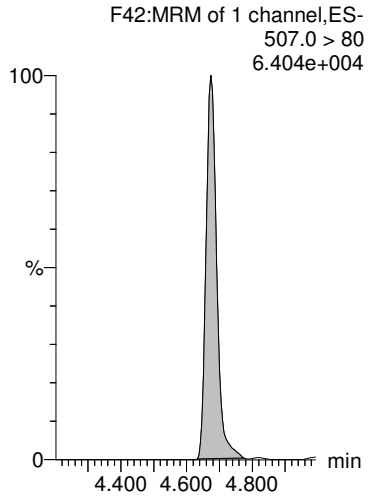


13C8-PFOS-EIS



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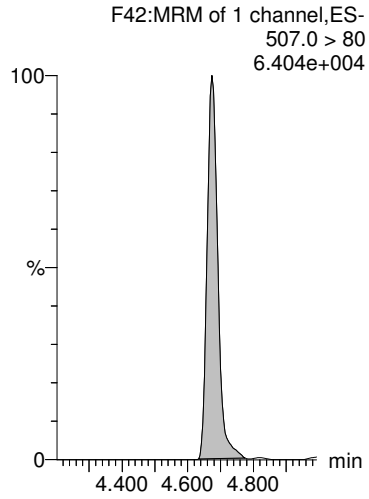

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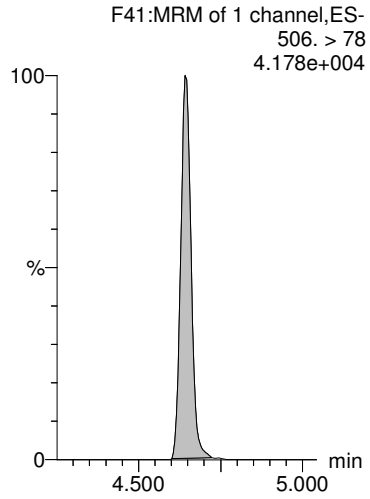

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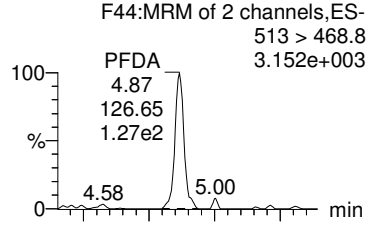
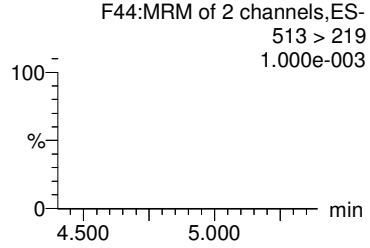
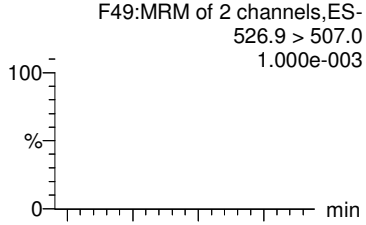
Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

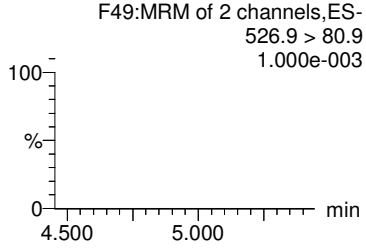
PFDA



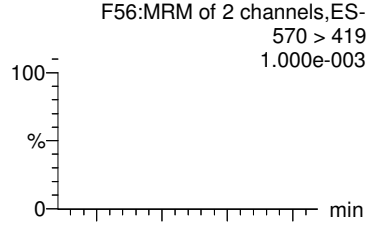


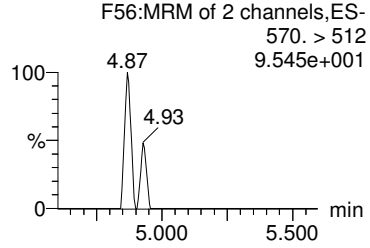
8:2 FTS





L-MeFOSAA





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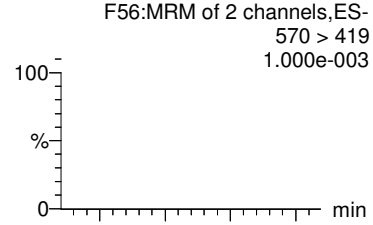
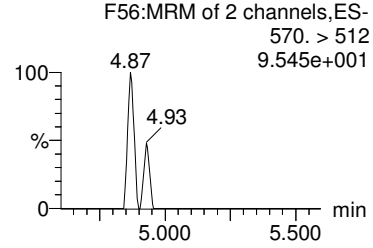
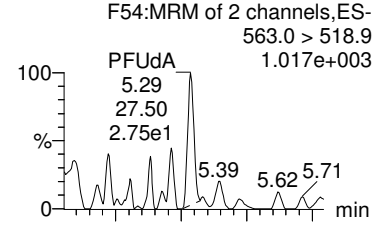
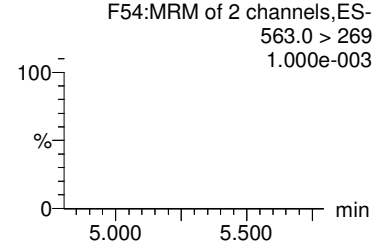


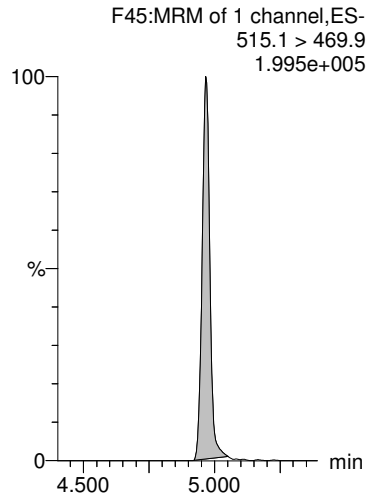


PFUdA

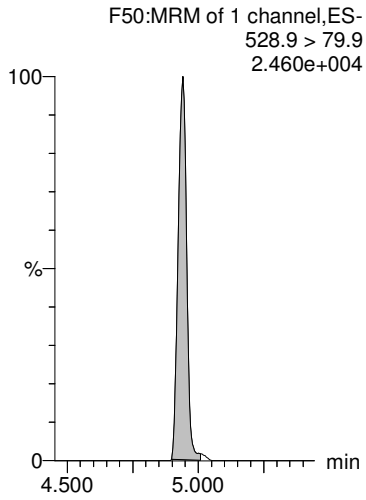




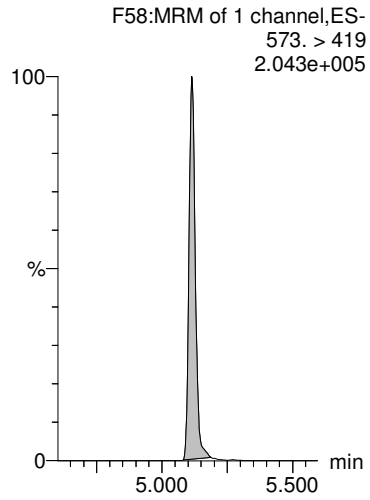
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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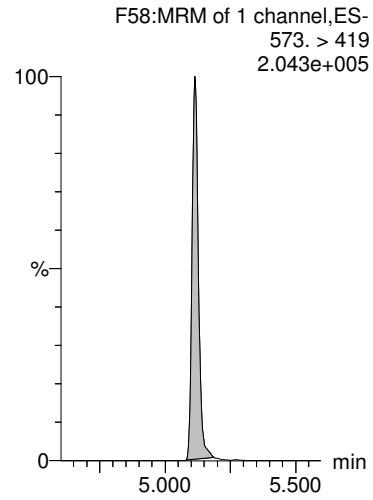

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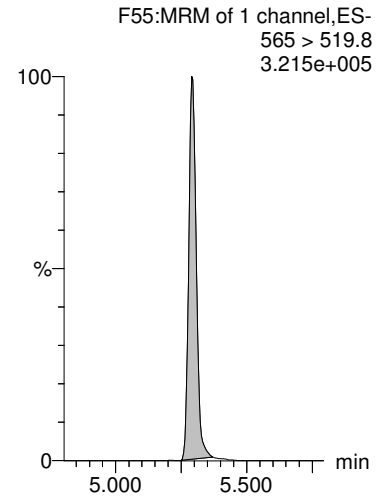

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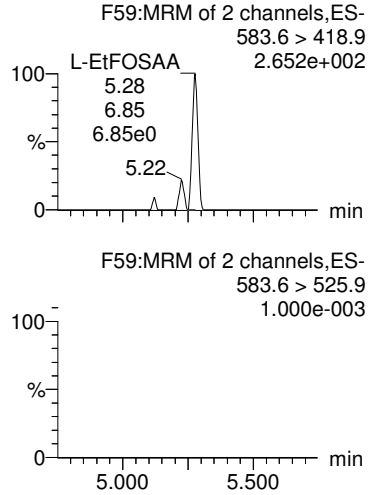
Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

L-EtFOSAA



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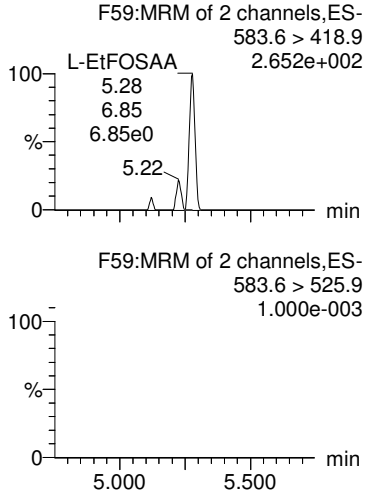
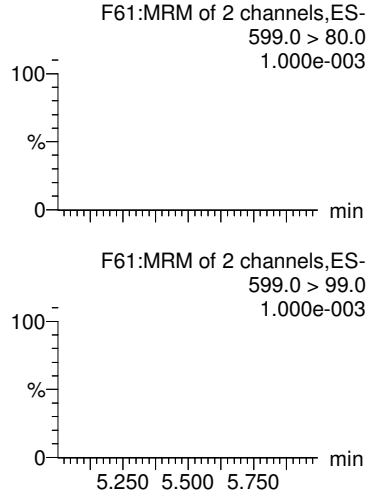
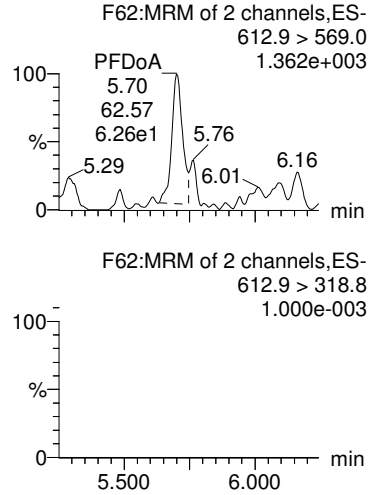


PFDS



PFDoA



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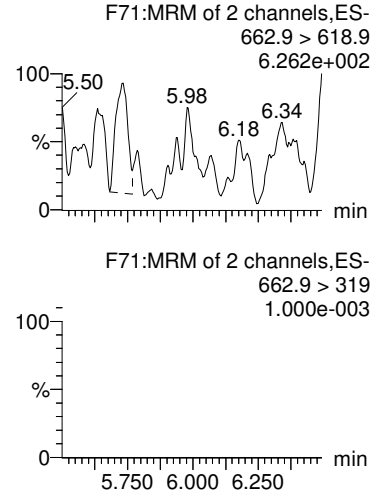

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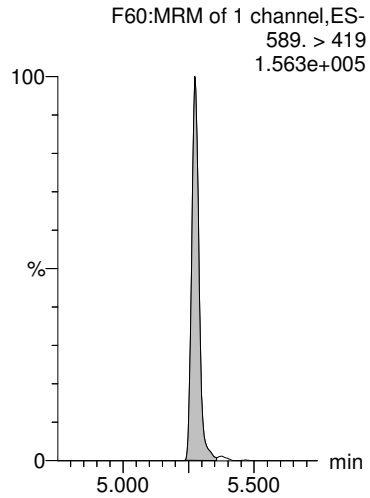

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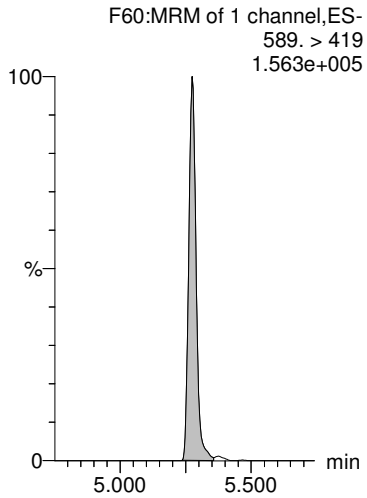
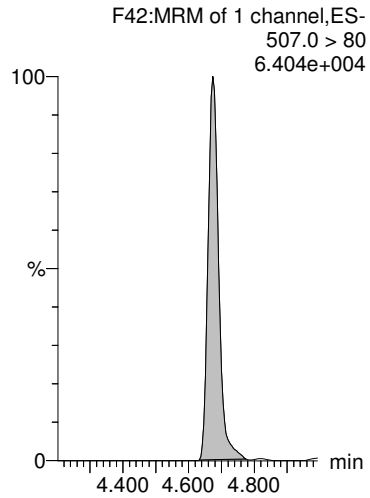
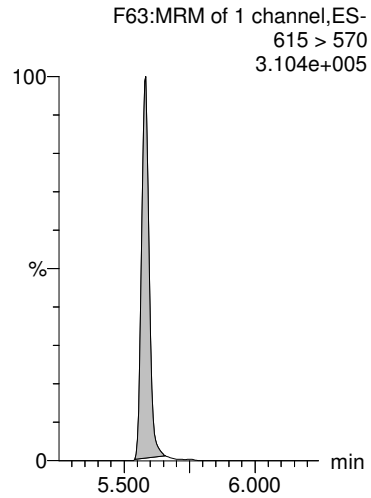


13C8-PFOS-EIS



13C2-PFDoA-EIS



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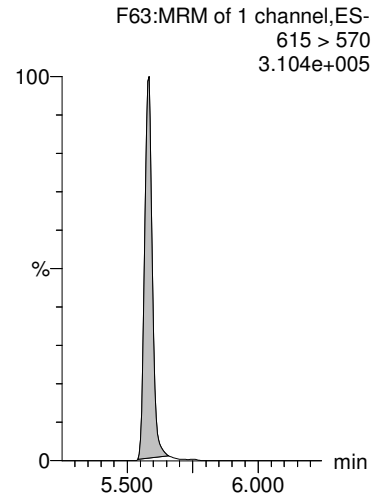

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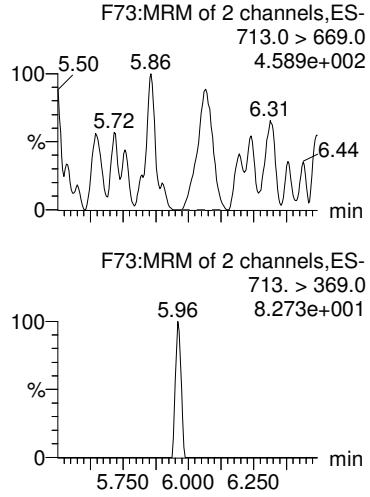
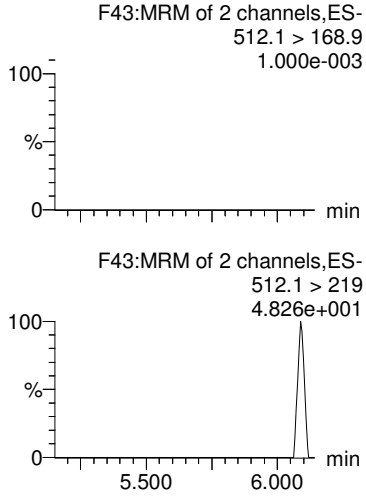
Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

PFTeDA



N-MeFOSA



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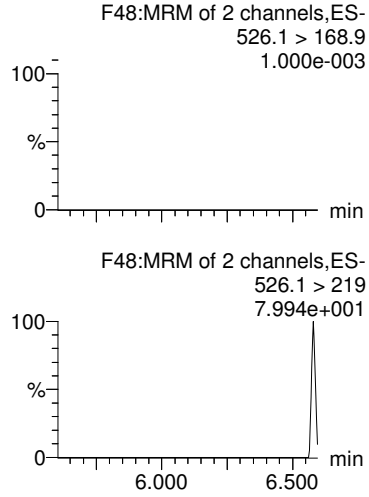
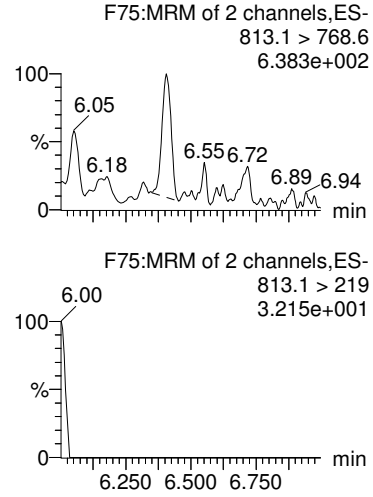
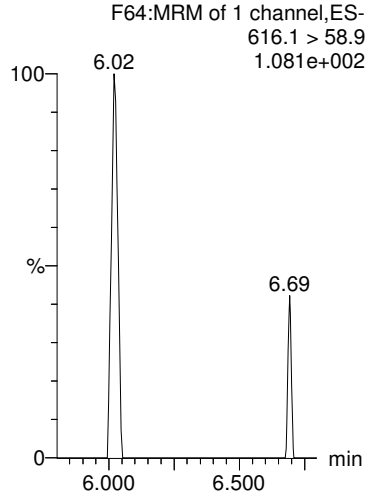


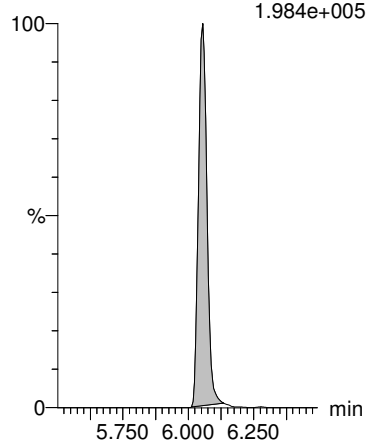
PFHxDA



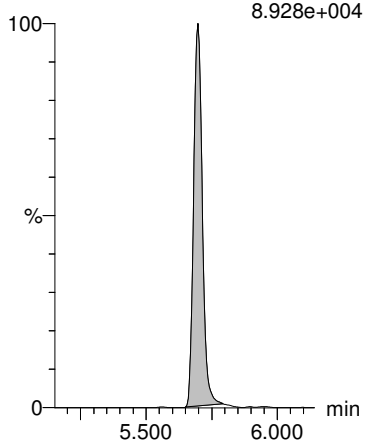
N-MeFOSE



13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



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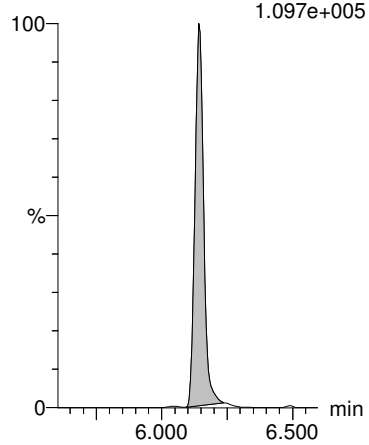

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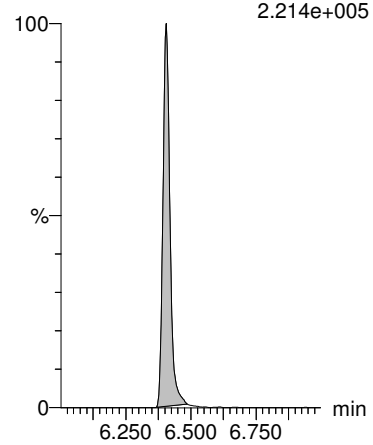

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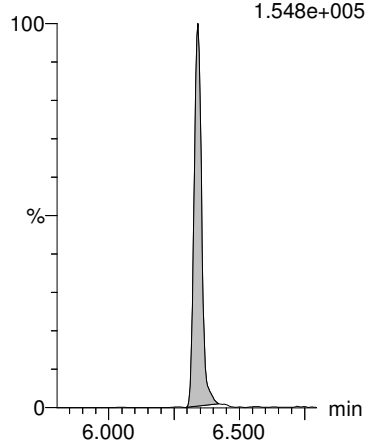
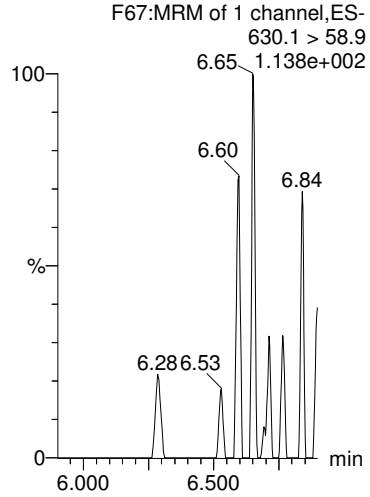


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

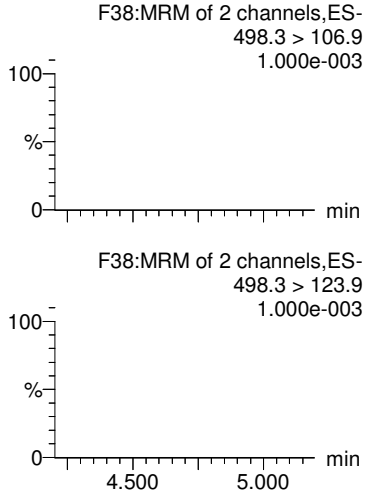
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:55 Pacific Daylight Time

Name: 200602M2_68, Date: 03-Jun-2020, Time: 03:52:08, ID: 2001090-02 GW-MW-5D 0.11246, Description: GW-MW-5D

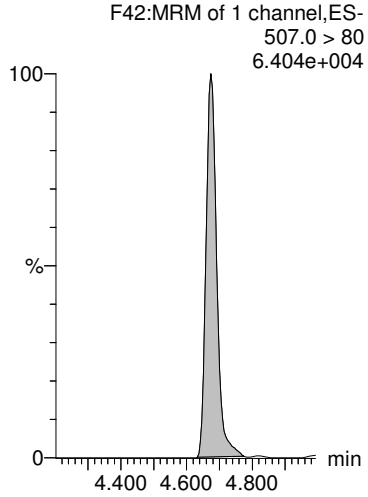
N-EtFOSE



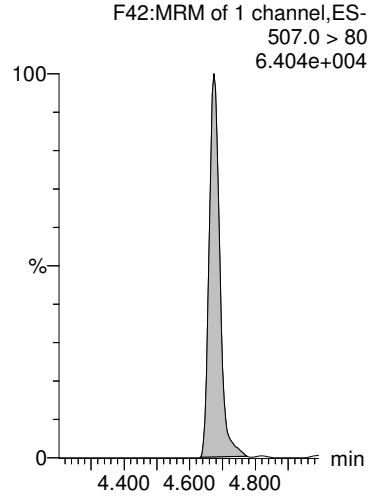
TDCA



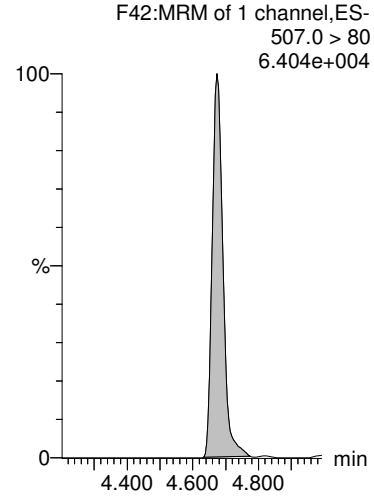
13C8-PFOS-EIS



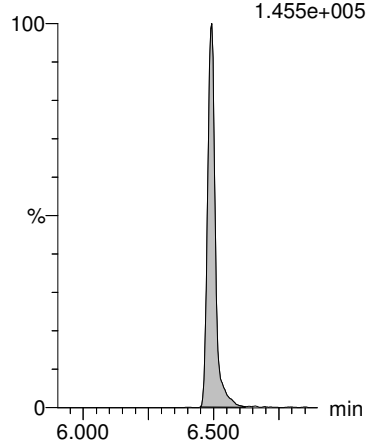
13C8-PFOS-EIS



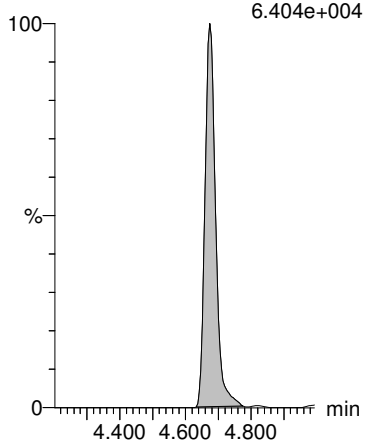
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:58 Pacific Daylight Time

Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2.54e1	2.44e3	0.117		1.29	1.31	0.130	1.4989			
2	4	PFPeA	263.1 > 218.9	7.03e1	3.57e3	0.117		2.24	2.25	0.247	2.0245			
3	5	PFBS	299.0 > 79.7	1.20e1	7.97e2	0.117		2.52	2.53	0.189	0.2181		2.71	NO
4	7	PFHxA	313.0 > 269.0	1.83e2	7.19e3	0.117		3.04	3.04	0.319	2.6422		30.8	YES
5	11	PFHpA	363.0 > 318.9		4.60e3	0.117		3.65						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.44e3		0.117	174.310	1.30	1.29	2440	119.3619	111.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.57e3		0.117	355.452	2.24	2.24	3570	85.6503	80.2		
8	51	13C3-PFBS-EIS	302.0 > 99	7.97e2		0.117	74.705	2.52	2.52	797	91.1162	85.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.19e3		0.117	673.292	3.04	3.04	7190	91.1471	85.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.60e3		0.117	418.493	3.79	3.65	4600	93.7984	87.9		
11	-1													
12	13	L-PFHxS	399 > 80.0	3.41e1	1.94e3	0.117		3.79	3.79	0.219	1.8008		1.35	NO
13	1...	Total PFHxS	399 > 80	3.41e1	1.94e3	0.117		3.83		0.219	1.8008			
14	15	6:2 FTS	427.1 > 407.0		1.08e3	0.117		4.09						YES
15	19	PFHpS	448.9 > 80.0		2.28e3	0.117		4.29						YES
16	21	PFNA	463.0 > 418.8		8.62e3	0.117		4.59						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	1.94e3		0.117	185.544	3.80	3.79	1940	89.3466	83.7		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	1.94e3		0.117	185.544	3.80	3.79	1940	89.3466	83.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.08e3		0.117	101.130	4.19	4.09	1080	91.2437	85.5		
20	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.62e3		0.117	674.136	4.80	4.59	8620	109.2041	102.3		
22	-1													
23	16	L-PFOA	412.8 > 368.9	5.79e2	8.51e3	0.117		4.15	4.15	0.850	4.4697		3.67	NO
24	1...	Total PFOA	412.8 > 368.9	5.79e2	8.51e3	0.117		4.20		0.850	4.4697			
25	23	L-PFOS	499 > 80		2.28e3	0.117		4.67						YES
26	1...	Total PFOS	499 > 80	0.00e0	2.28e3	0.117		4.73		0.000				
27	22	PFOSA	498.0 > 78.0	6.35e0	1.38e3	0.117		4.64	4.64	0.0576	1.3922		28.0	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.51e3		0.117	778.175	4.30	4.15	8510	93.3890	87.5		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.51e3		0.117	778.175	4.30	4.15	8510	93.3890	87.5		
30	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		
31	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		
32	67	13C8-PFOSA-EIS	506. > 78	1.38e3		0.117	231.112	4.76	4.64	1380	50.9321	47.7		
33	-1													
34	26	PFDA	513 > 468.8		7.50e3	0.117		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		8.80e2	0.117		4.94						YES
36	29	L-MeFOSAA	570 > 419		5.53e3	0.117		5.12						YES

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:58 Pacific Daylight Time

Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.53e3	0.117		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		9.61e3	0.117		5.29						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	7.50e3		0.117	717.399	5.10	4.97	7500	89.2749	83.6		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	8.80e2		0.117	107.927	4.98	4.94	880	69.6593	65.3		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.53e3		0.117	596.470	5.13	5.12	5530	79.1821	74.2		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.53e3		0.117	596.470	5.13	5.12	5530	79.1821	74.2		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.61e3		0.117	1057.423	5.55	5.29	9610	77.6250	72.7		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		4.93e3	0.117		5.27						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	4.93e3	0.117		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.28e3	0.117		5.30						YES
48	37	PFDoA	612.9 > 569.0		1.08e4	0.117		5.58						YES
49	39	PFTrDA	662.9 > 618.9		1.08e4	0.117		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	4.93e3		0.117	475.939	5.43	5.27	4930	88.4035	82.8		
51	81	d5-N-EtFOSAA-EIS	589. > 419	4.93e3		0.117	475.939	5.43	5.27	4930	88.4035	82.8		
52	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		
53	83	13C2-PFDoA-EIS	615 > 570	1.08e4		0.117	1054.715	5.60	5.58	10800	87.7139	82.2		
54	83	13C2-PFDoA-EIS	615 > 570	1.08e4		0.117	1054.715	5.60	5.58	10800	87.7139	82.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.17e3	0.117		6.06						YES
57	38	N-MeFOSA	512.1 > 168.9		9.61e2	0.117		5.69						YES
58	42	N-EtFOSA	526.1 > 168.9		1.33e3	0.117		6.13						YES
59	43	PFHxDA	813.1 > 768.6		9.48e3	0.117		6.41						YES
60	45	N-MeFOSE	616.1 > 58.9		3.53e3	0.117		6.35						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.17e3		0.117	886.344	6.08	6.06	6170	59.4384	55.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	9.61e2		0.117	84.837	5.72	5.70	961	96.7314	7.6		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.33e3		0.117	127.429	6.16	6.15	1330	88.9943	7.0		
64	93	13C2-PFHxDA-EIS	815 > 769.7	9.48e3		0.117	1186.125	6.62	6.41	9480	68.2597	64.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.53e3		0.117	66.928	6.35	6.35	3530	449.9385	35.3		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		3.75e3	0.117		6.50						
68	1...	TDCA	498.3>106.9			0.117		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		
70	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		
71	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.75e3		0.117	73.193	6.51	6.50	3750	437.1082	34.3		

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MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:58 Pacific Daylight Time

Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.28e3		0.117	212.650	4.95	4.67	2280	91.5630	85.8		

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Vista Analytical Laboratory L26

MM 6/8/2020

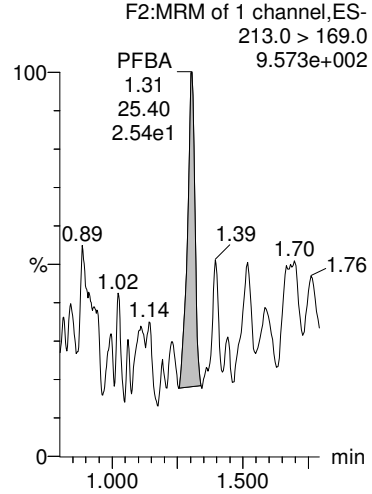
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:58 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

PFBA



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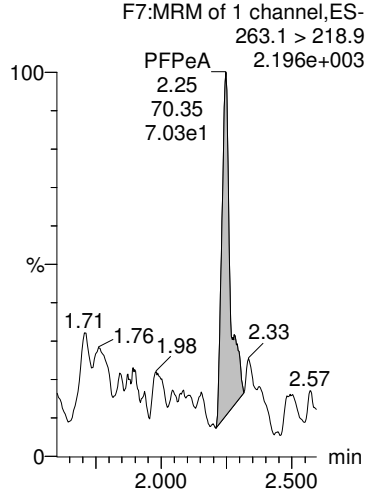
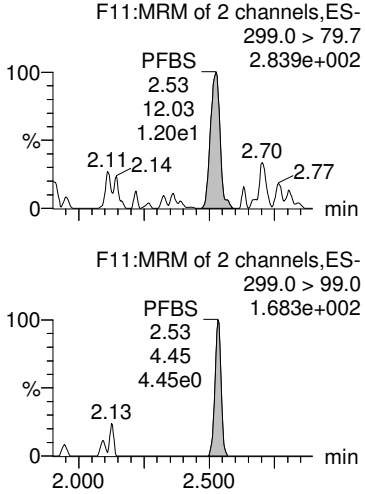
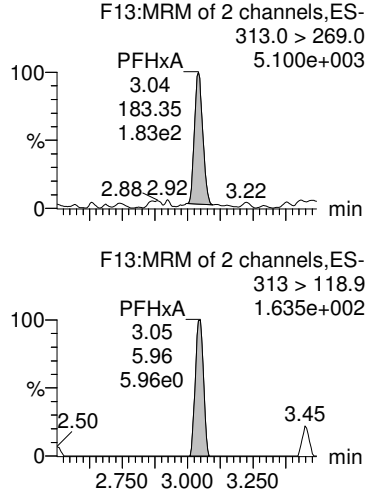


PFBS



PFHxA



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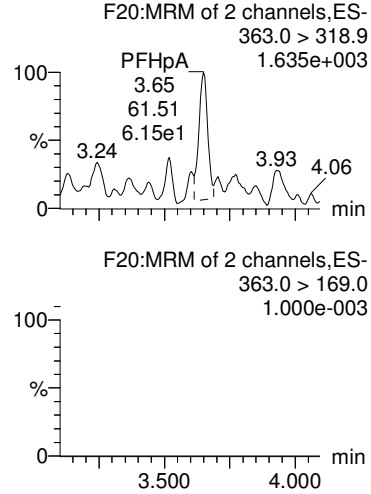
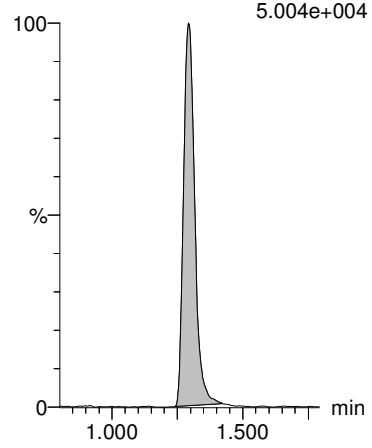


13C3-PFBA-EIS



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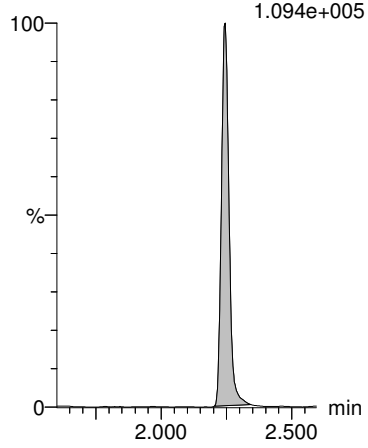

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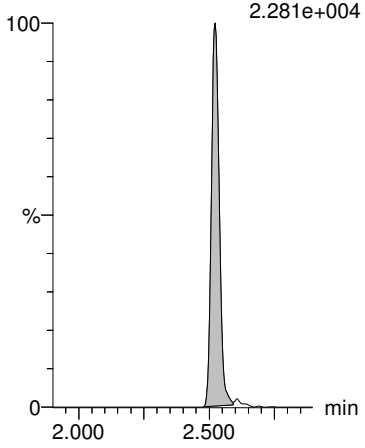
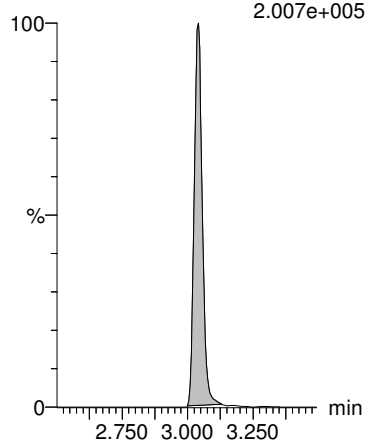
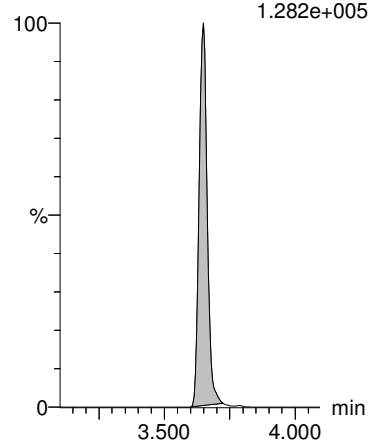


13C2-PFHxA-EIS



13C4-PFHpA-EIS



GM 6/5/2020

Vista Analytical Laboratory L26

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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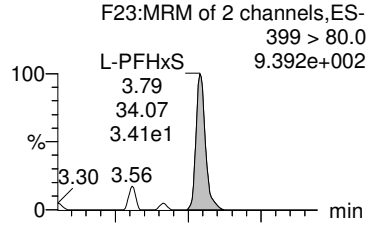
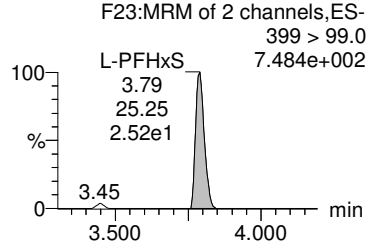
Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

L-PFHxS





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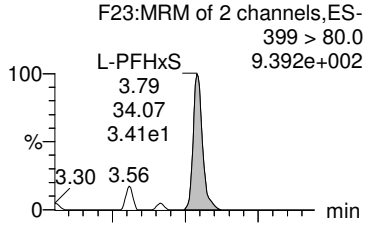
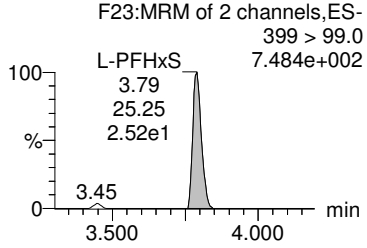
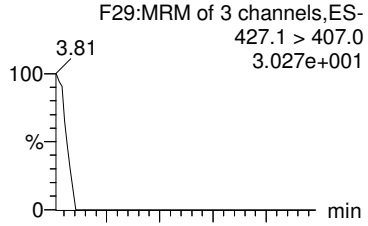
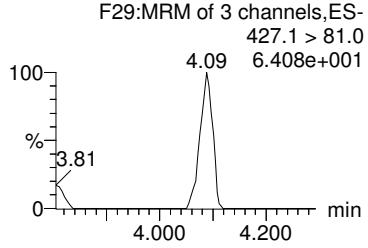


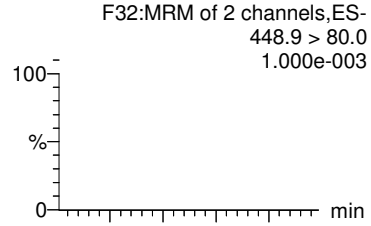


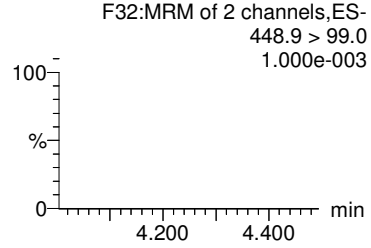
6:2 FTS





PFHpS





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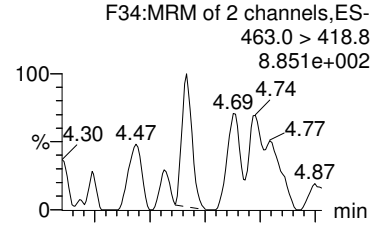
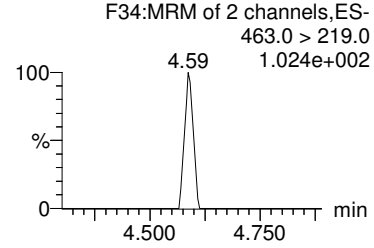
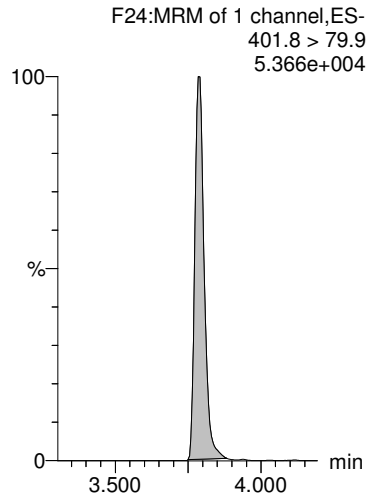




13C3-PFHxS-EIS



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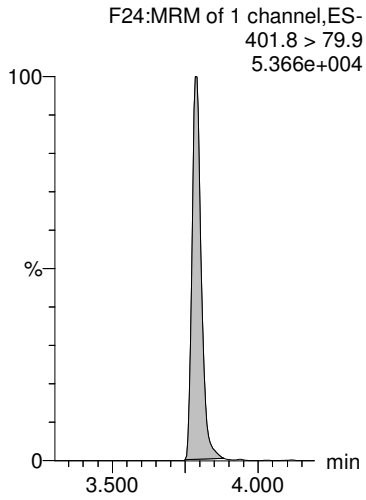

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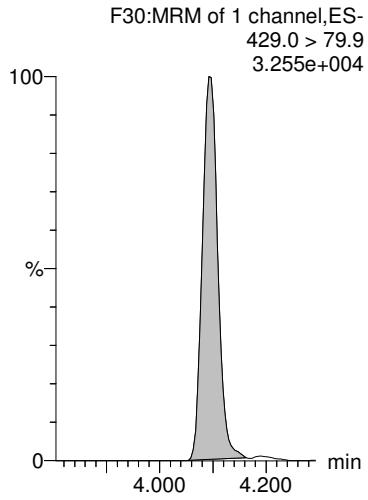

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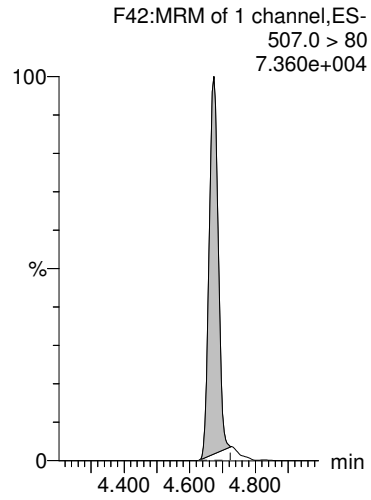

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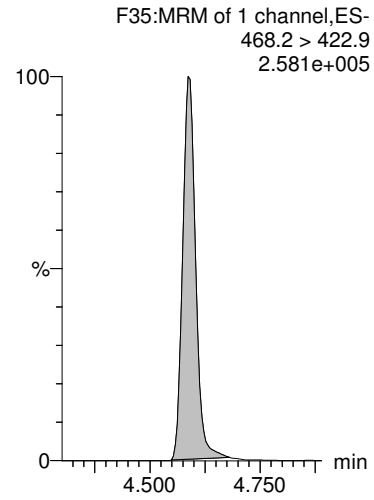

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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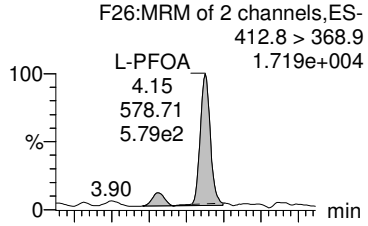
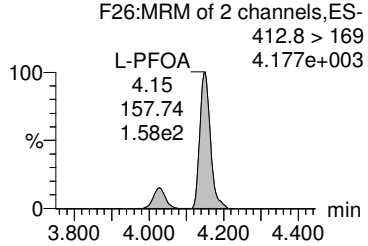
Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

L-PFOA





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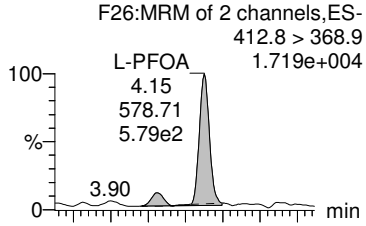
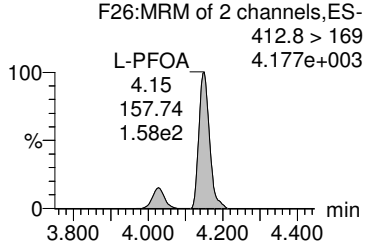
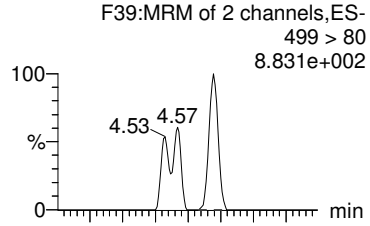
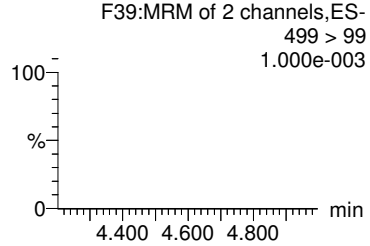




L-PFOS





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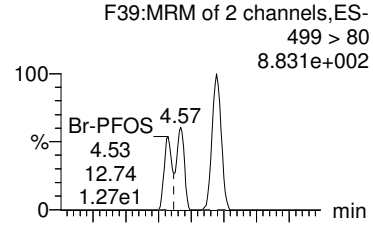

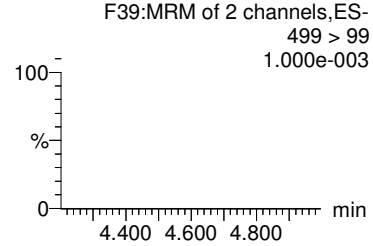

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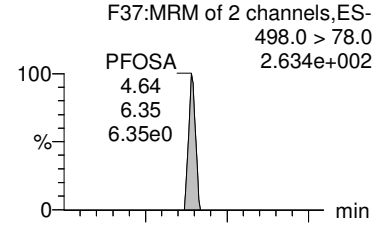

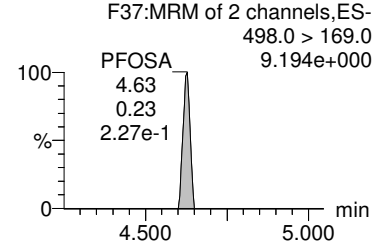

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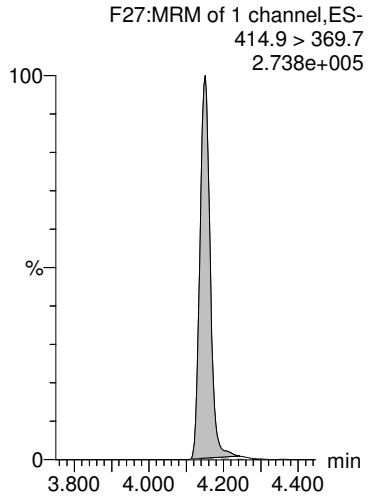

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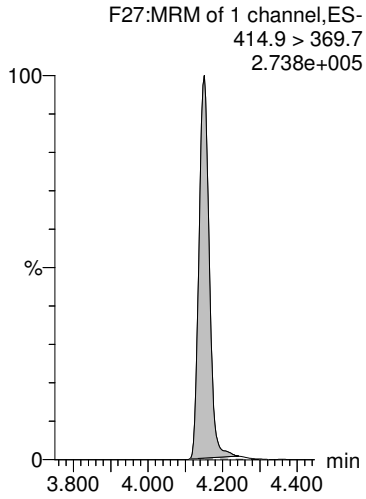

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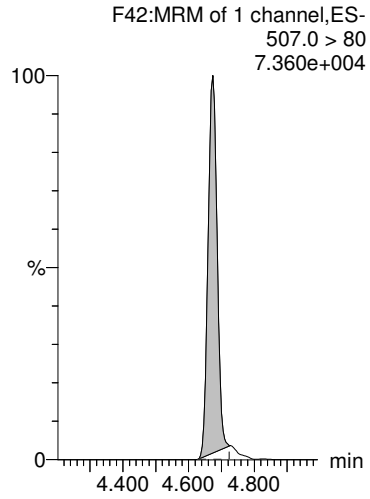

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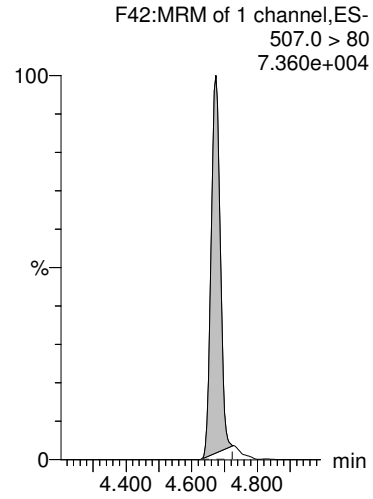

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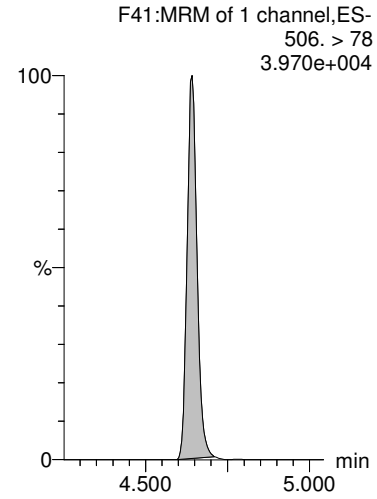

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Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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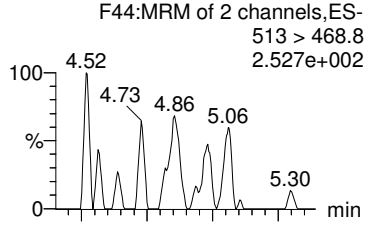
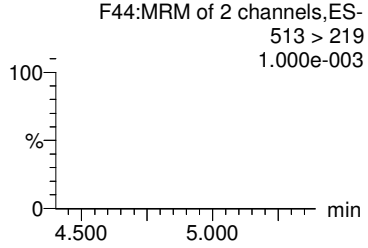
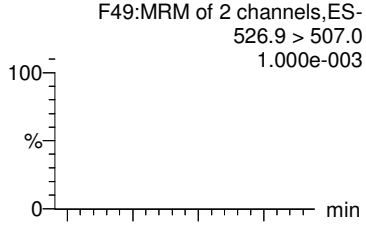
Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

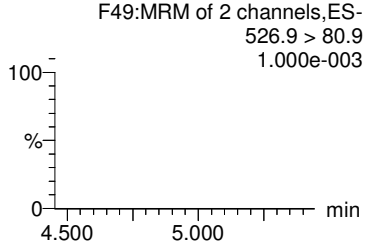
PFDA



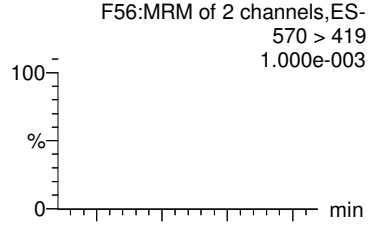


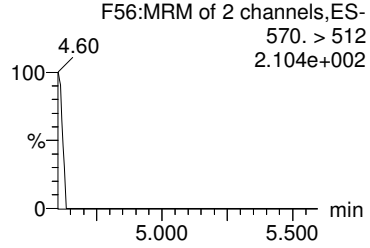
8:2 FTS





L-MeFOSAA





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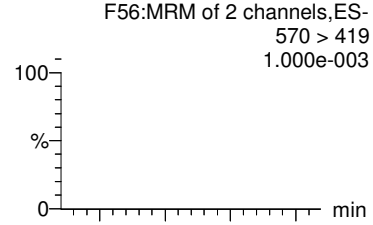
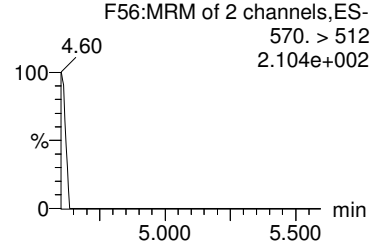
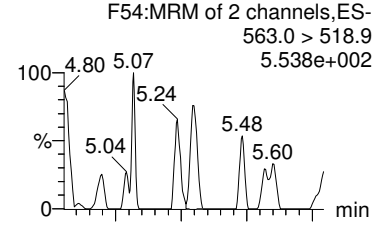
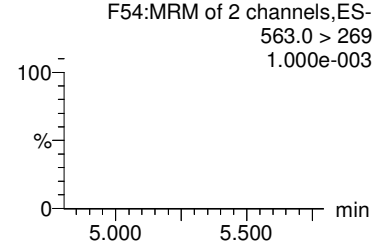




PFUdA





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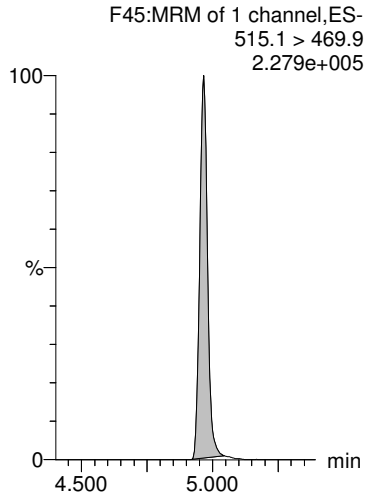
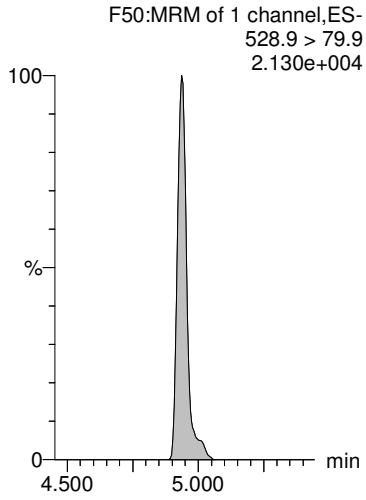


13C2-8:2 FTS-EIS



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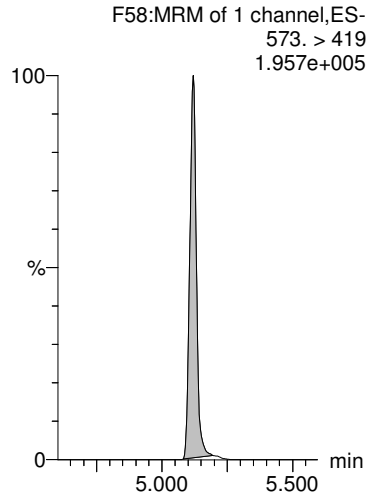

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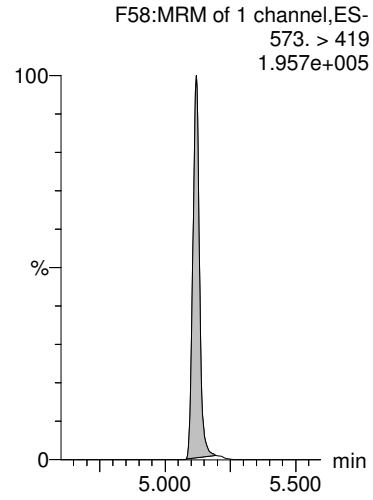

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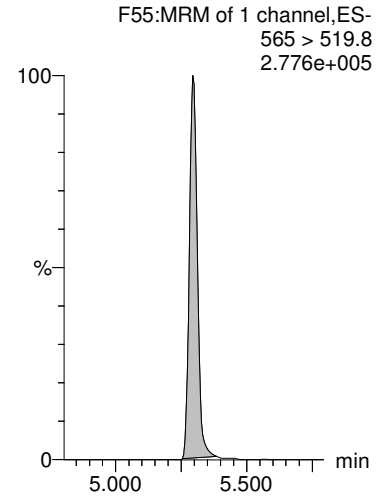

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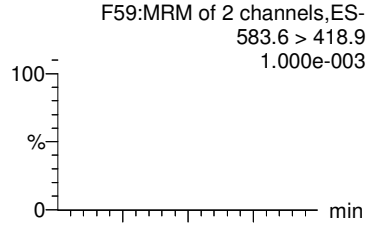
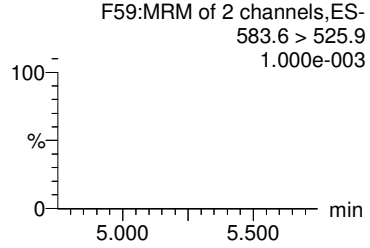
Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

L-EtFOSAA





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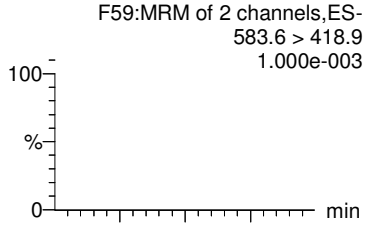
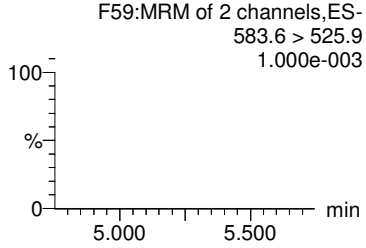
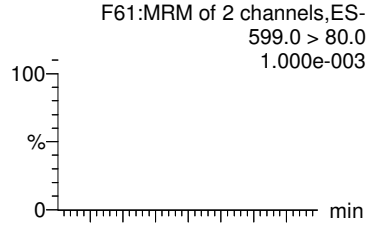
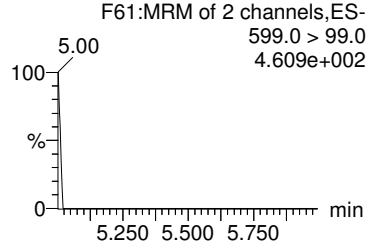


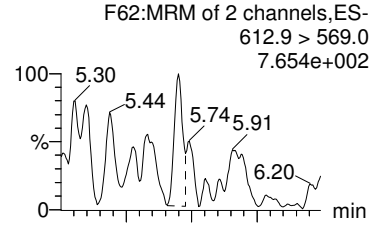


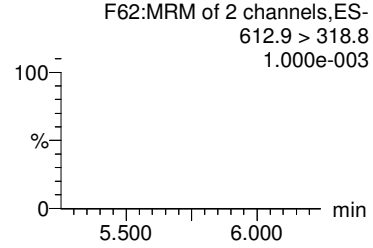
PFDS



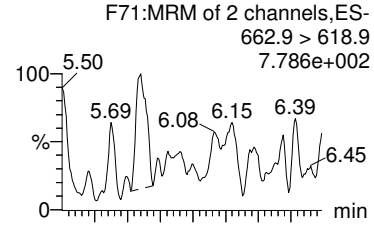


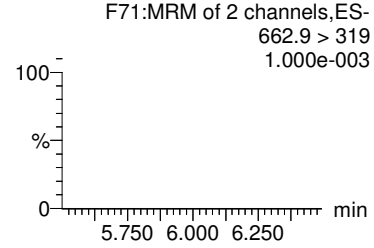
PFDoA



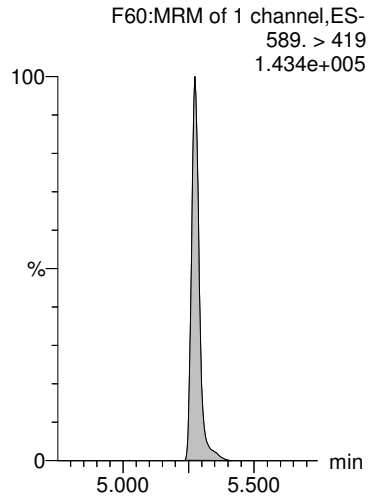


PFTrDA

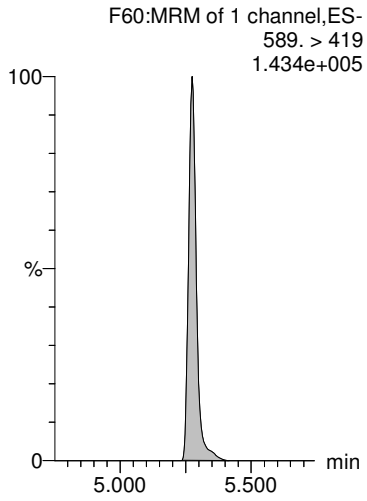




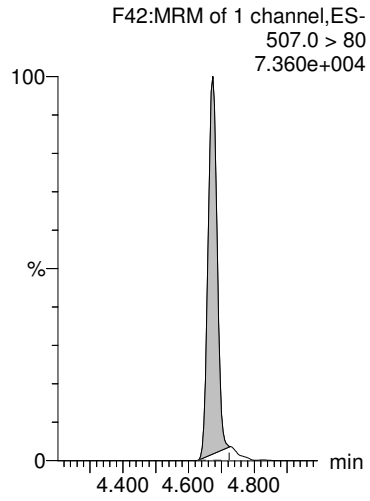
d5-N-EtFOSAA-EIS



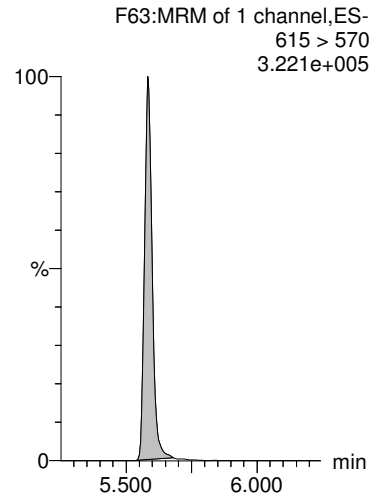
d5-N-EtFOSAA-EIS



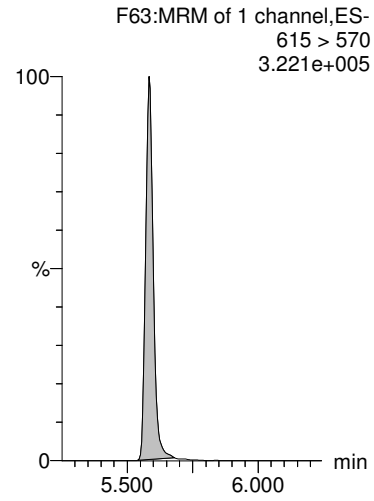
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

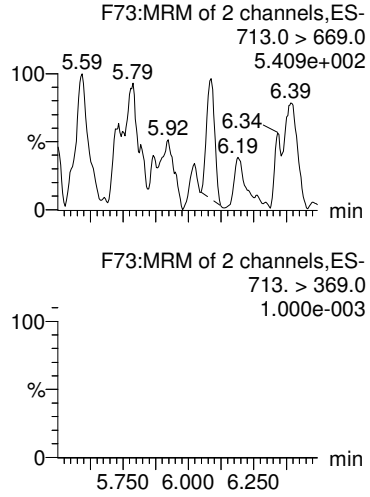


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

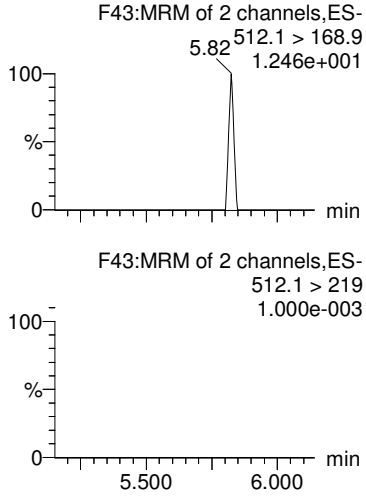
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:58 Pacific Daylight Time

Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

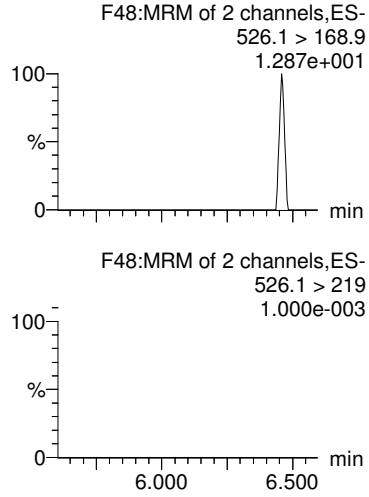
PFTeDA



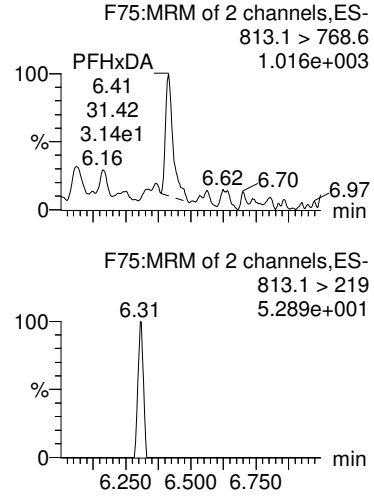
N-MeFOSA



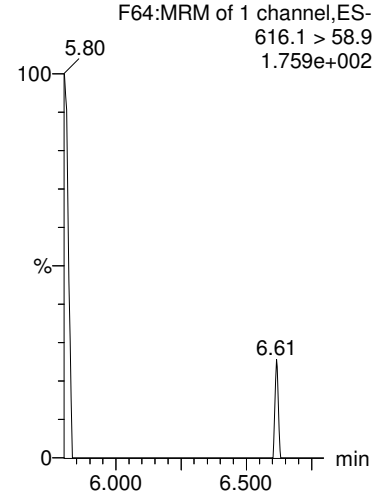
N-EtFOSA



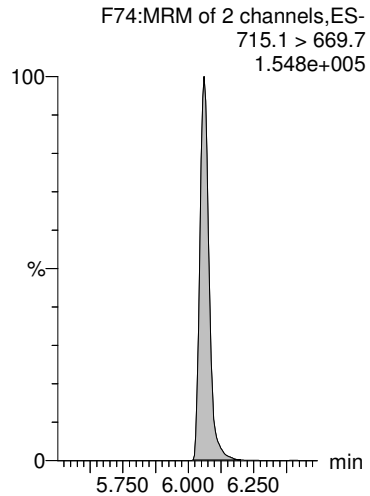
PFHxDA



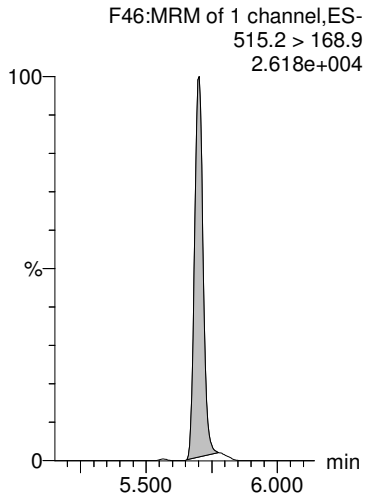
N-MeFOSE



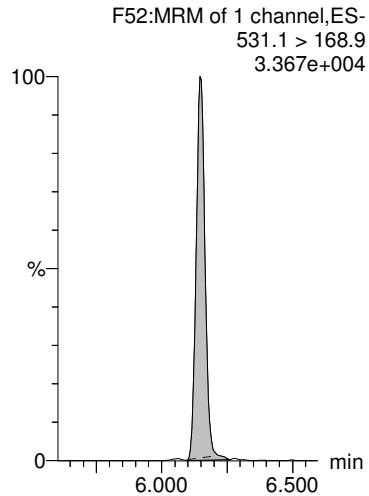
13C2-PFTeDA-EIS



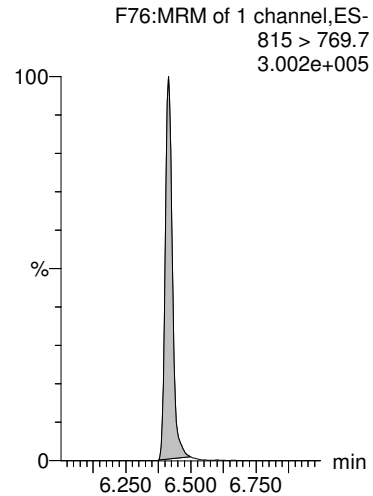
d3-N-MeFOSA-EIS



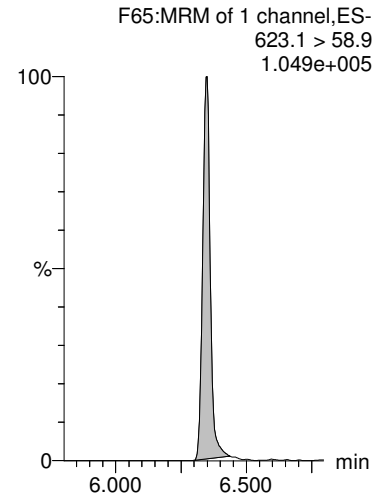
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS

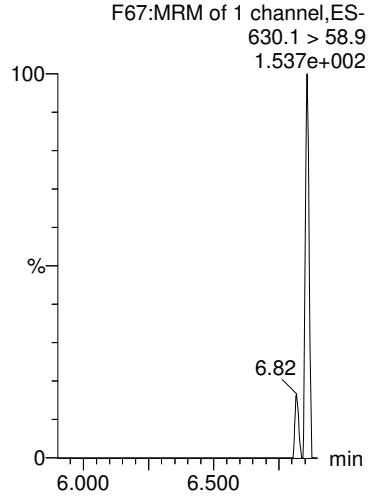


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

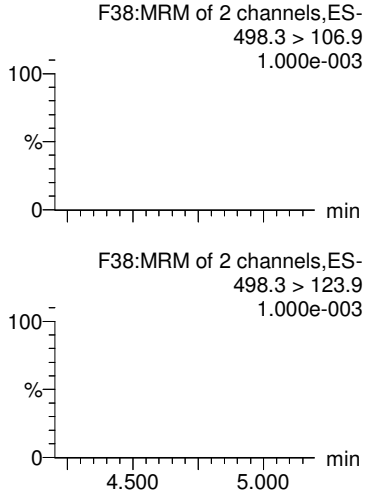
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:31:58 Pacific Daylight Time

Name: 200602M2_69, Date: 03-Jun-2020, Time: 04:02:30, ID: 2001090-03 GW-AE-1A 0.11711, Description: GW-AE-1A

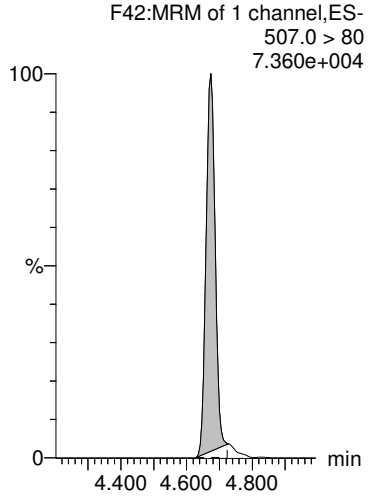
N-EtFOSE



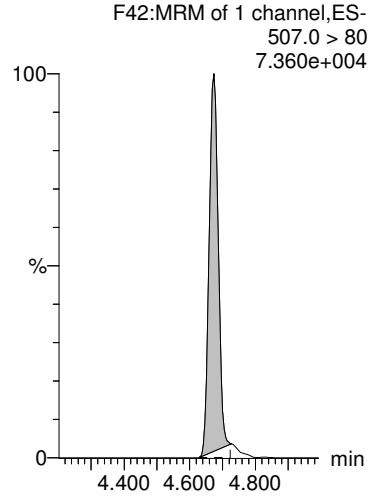
TDCA



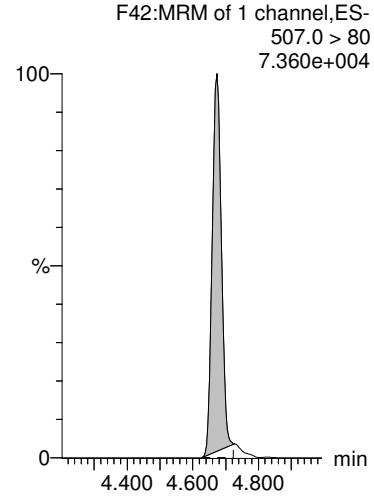
13C8-PFOS-EIS



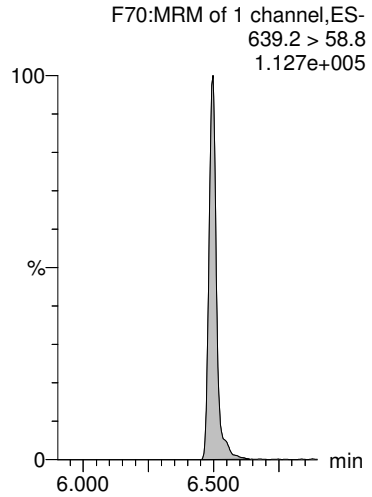
13C8-PFOS-EIS



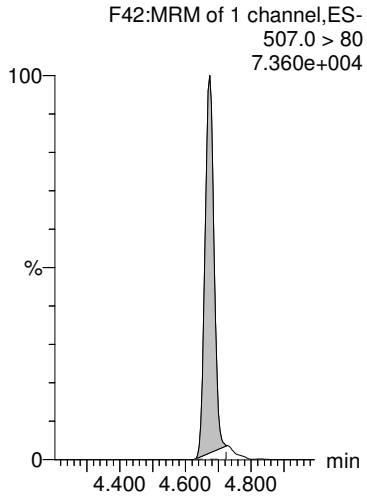
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



GM 6/5/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-71.qld

Last Altered: Wednesday, June 10, 2020 11:17:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:17:37 Pacific Daylight Time

Name: 200608M1_71, Date: 09-Jun-2020, Time: 03:09:24, ID: 2001090-03RE1 GW-AE-1A 0.11587, Description: GW-AE-1A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		4006.657	0.116						NO		YES
2	42	N-EtFOSA	526.1 > 168.9		6673.944	0.116						NO		YES
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	4006.657		0.116	73.791	5.57	4006.657	468.608	36.4	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	6673.944		0.116	115.260	5.99	6673.944	499.728	38.8	YES		

AMR 6/10/2020

Vista Analytical Laboratory

OC 6/10/2020

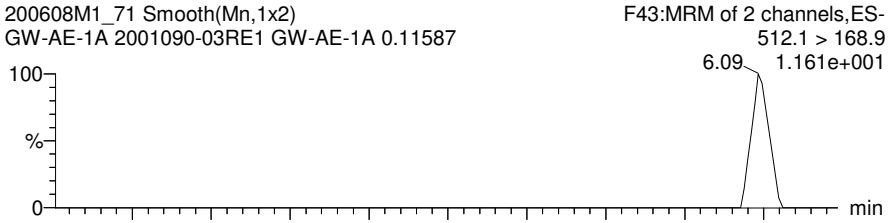
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-71.qld

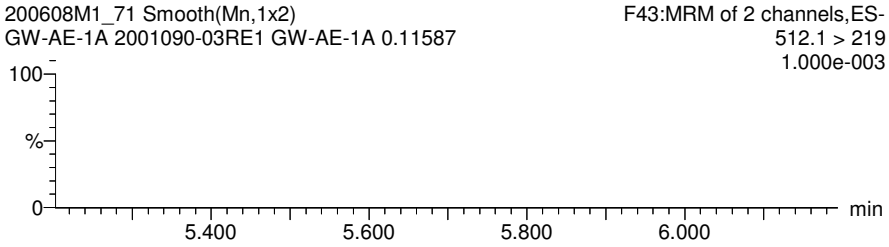
Last Altered: Wednesday, June 10, 2020 11:17:02 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:17:37 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

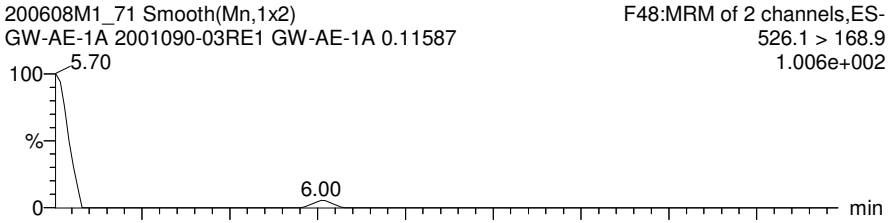
Name: 200608M1_71, Date: 09-Jun-2020, Time: 03:09:24, ID: 2001090-03RE1 GW-AE-1A 0.11587, Description: GW-AE-1A

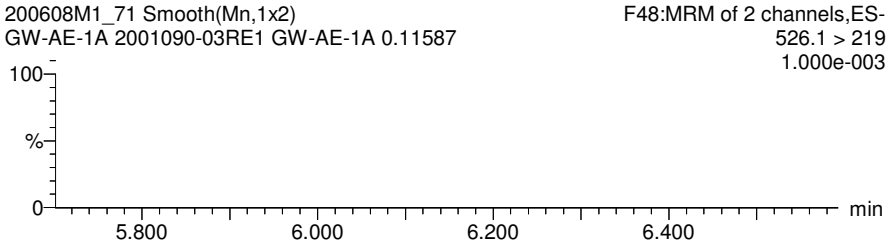
N-MeFOSA



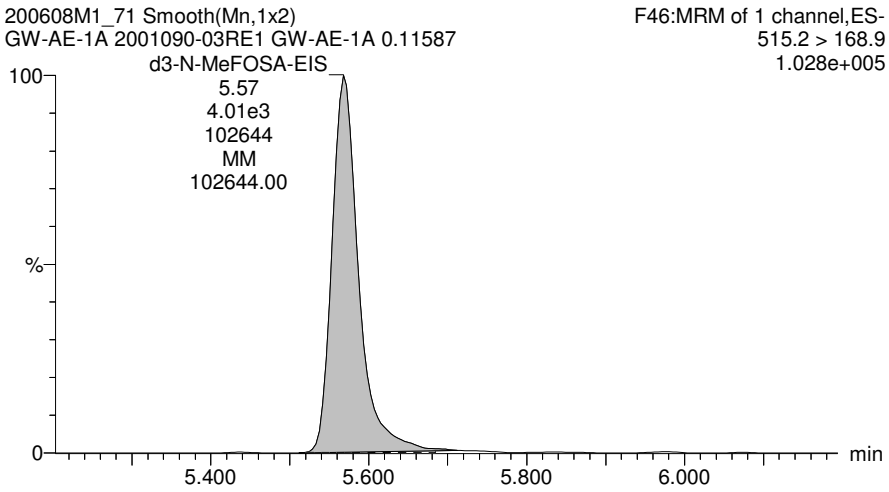


N-EtFOSA

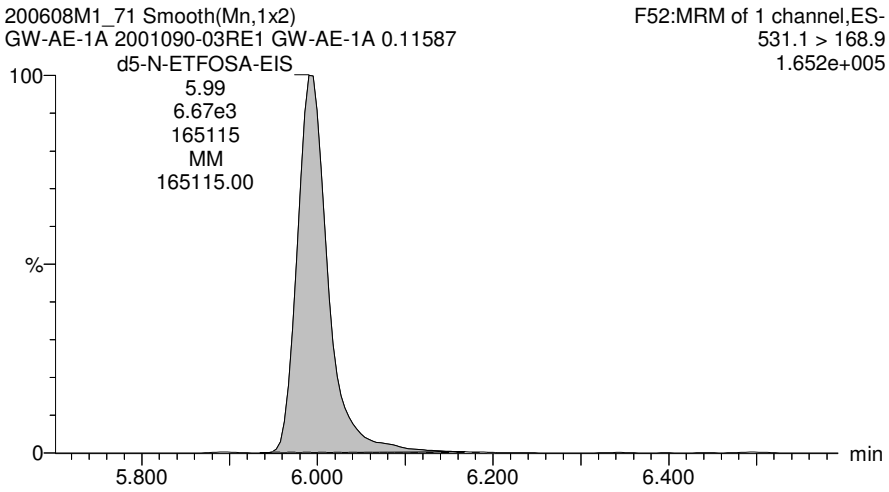




d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4.12e1	2.71e3	0.110		1.29	1.29	0.190	2.0052			
2	4	PFPeA	263.1 > 218.9	4.83e1	3.89e3	0.110		2.24	2.24	0.155	1.3278			
3	5	PFBS	299.0 > 79.7		8.78e2	0.110		2.52						YES
4	7	PFHxA	313.0 > 269.0	1.90e2	7.46e3	0.110		3.04	3.04	0.317	2.7973		18.2	NO
5	11	PFHpA	363.0 > 318.9		5.03e3	0.110		3.65						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.71e3		0.110	174.310	1.30	1.29	2710	141.2993	124.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.89e3		0.110	355.452	2.24	2.24	3890	99.3955	87.6		
8	51	13C3-PFBS-EIS	302.0 > 99	8.78e2		0.110	74.705	2.52	2.52	878	106.7250	94.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.46e3		0.110	673.292	3.04	3.04	7460	100.6824	88.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.03e3		0.110	418.493	3.79	3.65	5030	109.1503	96.2		
11	-1													
12	13	L-PFHxS	399 > 80.0	4.26e1	2.48e3	0.110		3.79	3.79	0.215	1.8771		1.49	NO
13	1...	Total PFHxS	399 > 80	4.26e1	2.48e3	0.110		3.83		0.215	1.8771			
14	15	6:2 FTS	427.1 > 407.0		1.36e3	0.110		4.10						YES
15	19	PFHpS	448.9 > 80.0	1.17e0	2.36e3	0.110		4.29	4.27	0.00619			0.789	YES
16	21	PFNA	463.0 > 418.8		9.53e3	0.110		4.59						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.48e3		0.110	185.544	3.80	3.79	2480	121.1950	106.8		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.48e3		0.110	185.544	3.80	3.79	2480	121.1950	106.8		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.36e3		0.110	101.130	4.19	4.10	1360	121.7067	107.2		
20	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		
21	65	13C5-PFNA-EIS	468.2 > 422.9	9.53e3		0.110	674.136	4.80	4.59	9530	128.3799	113.1		
22	-1													
23	16	L-PFOA	412.8 > 368.9	7.39e2	9.40e3	0.110		4.15	4.15	0.983	5.6083		3.41	NO
24	1...	Total PFOA	412.8 > 368.9	7.39e2	9.40e3	0.110		4.20		0.983	5.6083			
25	23	L-PFOS	499 > 80	9.31e0	2.36e3	0.110		4.67	4.67	0.0493			0.703	YES
26	1...	Total PFOS	499 > 80	9.31e0	2.36e3	0.110		4.73		0.000				
27	22	PFOSA	498.0 > 78.0		1.42e3	0.110		4.64						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.40e3		0.110	778.175	4.30	4.15	9400	109.7413	96.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.40e3		0.110	778.175	4.30	4.15	9400	109.7413	96.7		
30	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		
31	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		
32	67	13C8-PFOSA-EIS	506. > 78	1.42e3		0.110	231.112	4.76	4.64	1420	55.8114	49.2		
33	-1													
34	26	PFDA	513 > 468.8		8.22e3	0.110		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		1.20e3	0.110		4.94						YES
36	29	L-MeFOSAA	570 > 419		6.65e3	0.110		5.12						YES

GM 6/5/2020

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MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	6.65e3	0.110		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.20e4	0.110		5.29						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	8.22e3		0.110	717.399	5.10	4.97	8220	104.0119	91.6		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.20e3		0.110	107.927	4.98	4.94	1200	100.9383	88.9		
41	77	d3-N-MeFOSAA-EIS	573. > 419	6.65e3		0.110	596.470	5.13	5.12	6650	101.1689	89.1		
42	77	d3-N-MeFOSAA-EIS	573. > 419	6.65e3		0.110	596.470	5.13	5.12	6650	101.1689	89.1		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.20e4		0.110	1057.423	5.55	5.29	12000	103.1251	90.8		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		5.51e3	0.110		5.28						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	5.51e3	0.110		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.36e3	0.110		5.29						YES
48	37	PFDoA	612.9 > 569.0		9.38e3	0.110		5.58						YES
49	39	PFTrDA	662.9 > 618.9		9.38e3	0.110		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.51e3		0.110	475.939	5.43	5.28	5510	105.1983	92.7		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.51e3		0.110	475.939	5.43	5.28	5510	105.1983	92.7		
52	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		
53	83	13C2-PFDoA-EIS	615 > 570	9.38e3		0.110	1054.715	5.60	5.58	9380	80.7826	71.2		
54	83	13C2-PFDoA-EIS	615 > 570	9.38e3		0.110	1054.715	5.60	5.58	9380	80.7826	71.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.21e3	0.110		6.07						YES
57	38	N-MeFOSA	512.1 > 168.9		9.36e2	0.110		5.69						YES
58	42	N-EtFOSA	526.1 > 168.9		1.37e3	0.110		6.13						YES
59	43	PFHxDA	813.1 > 768.6		9.14e3	0.110		6.41						YES
60	45	N-MeFOSE	616.1 > 58.9		4.28e3	0.110		6.35						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.21e3		0.110	886.344	6.08	6.07	8210	84.1601	74.1		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	9.36e2		0.110	84.837	5.72	5.70	936	100.2403	7.4		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.37e3		0.110	127.429	6.16	6.15	1370	97.8936	7.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	9.14e3		0.110	1186.125	6.62	6.41	9140	69.9513	61.6		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.28e3		0.110	66.928	6.35	6.35	4280	580.6869	42.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.71e3	0.110		6.50						
68	1...	TDCA	498.3>106.9			0.110		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		
70	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		
71	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.71e3		0.110	73.193	6.51	6.50	4710	583.8453	43.1		

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.36e3		0.110	212.650	4.95	4.67	2360	100.8653	88.9		

GM 6/5/2020

Vista Analytical Laboratory L26

MM 6/8/2020

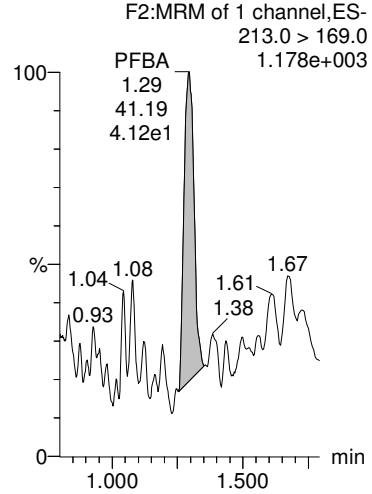
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

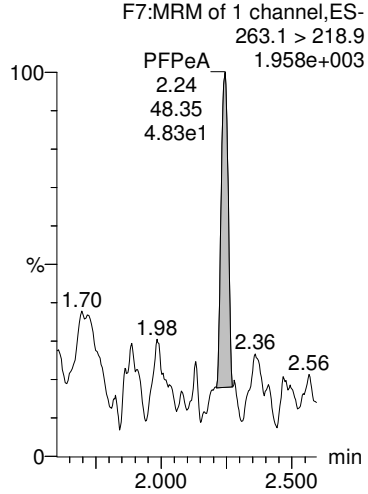
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

PFBA



PFPeA



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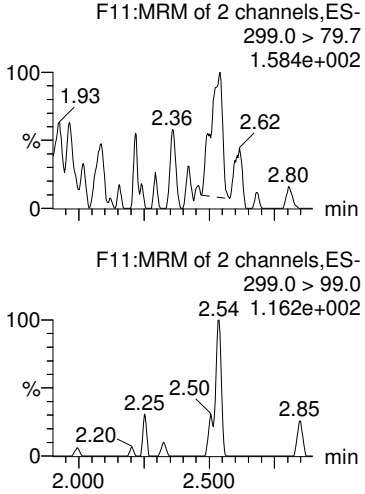
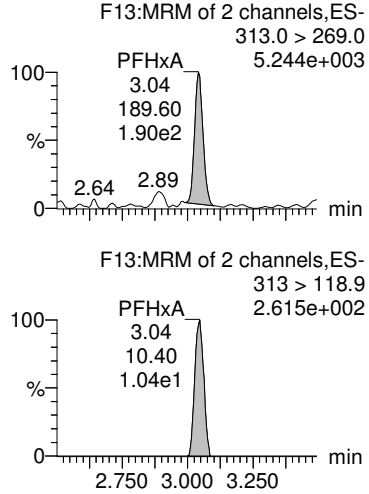


PFHxA



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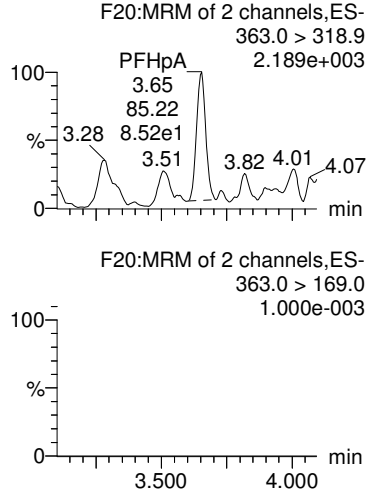
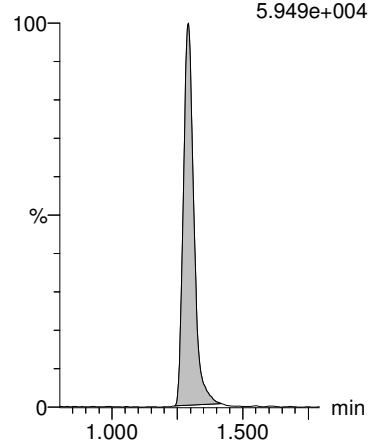


13C3-PFBA-EIS



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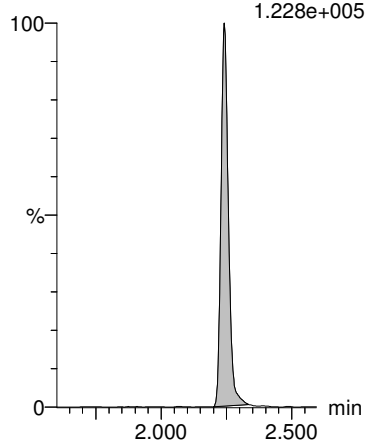

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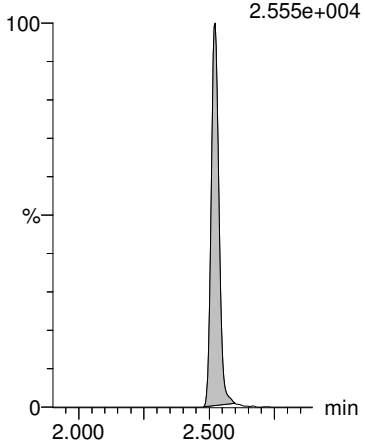

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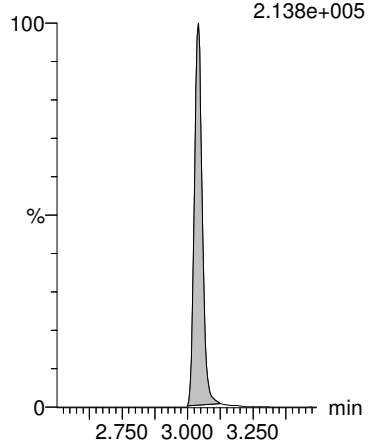
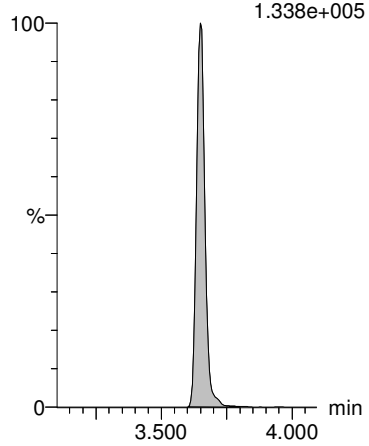


13C4-PFHpA-EIS



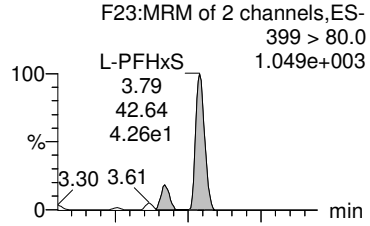
GM 6/5/2020

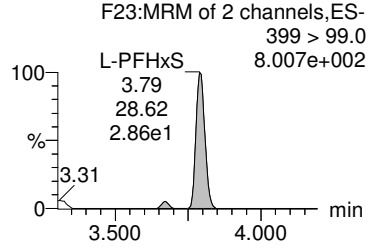
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

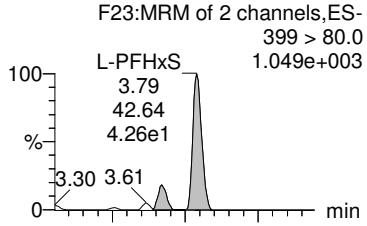
Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

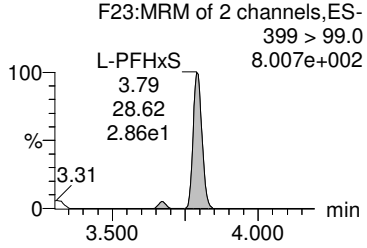
L-PFHxS



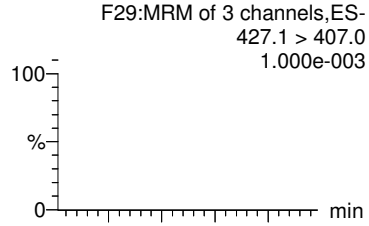


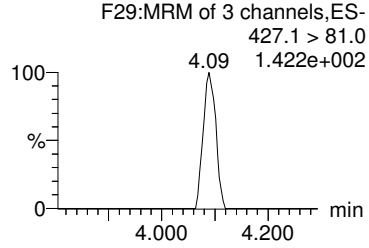
Total PFHxS





6:2 FTS





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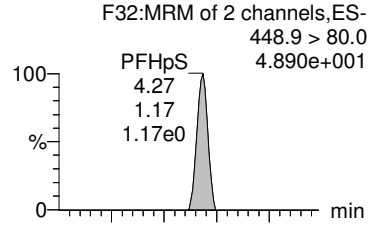

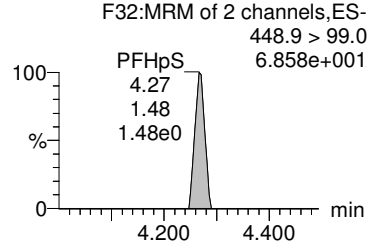

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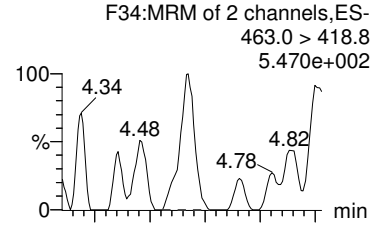

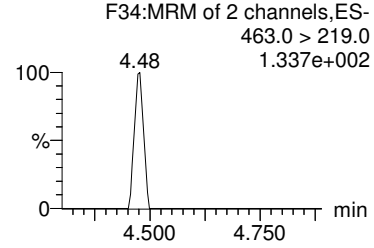

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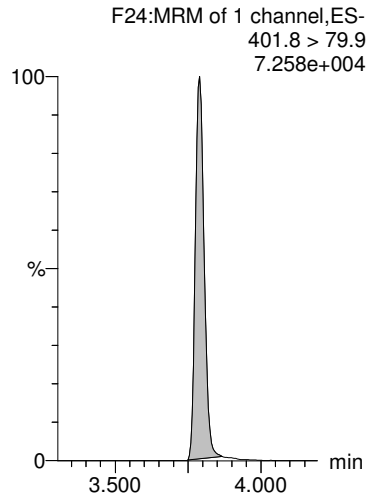

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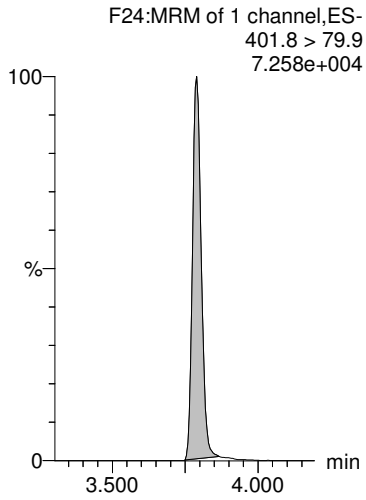
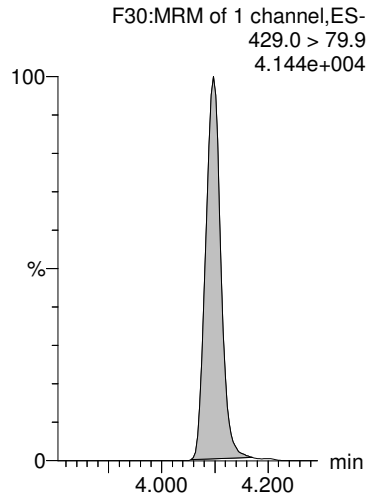


13C2-6:2 FTS-EIS



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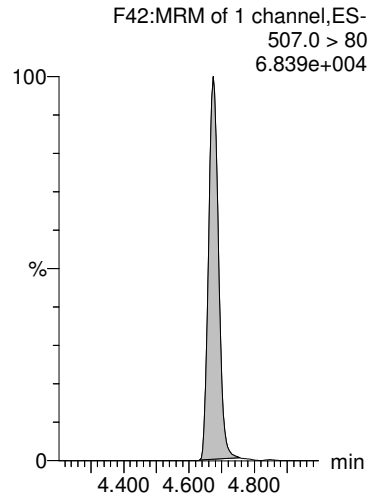

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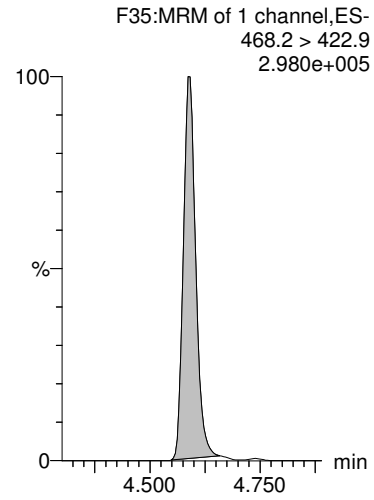
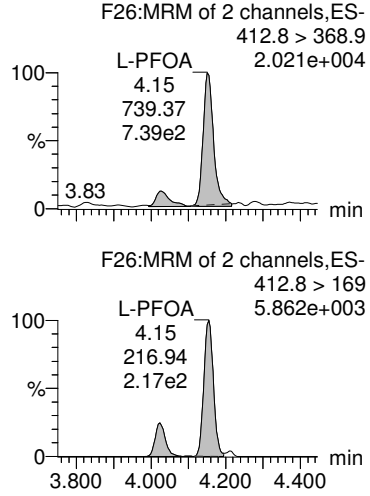


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

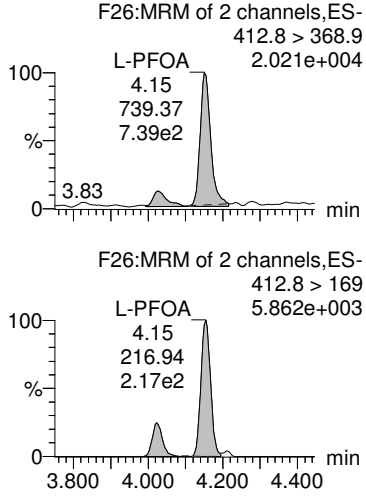
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

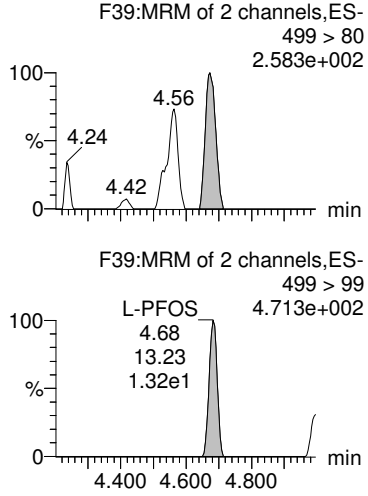
L-PFOA



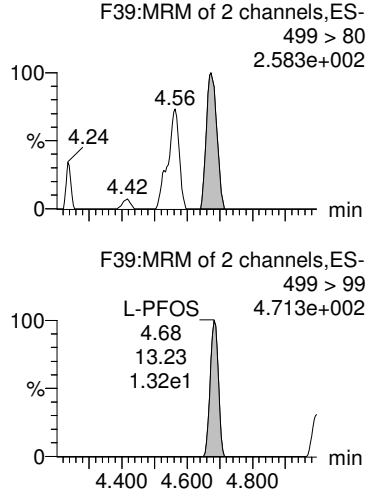
Total PFOA



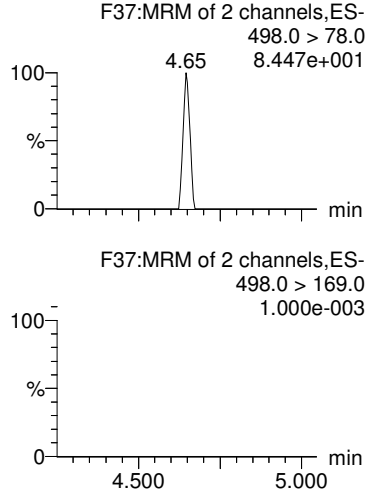
L-PFOS



Total PFOS



PFOSA



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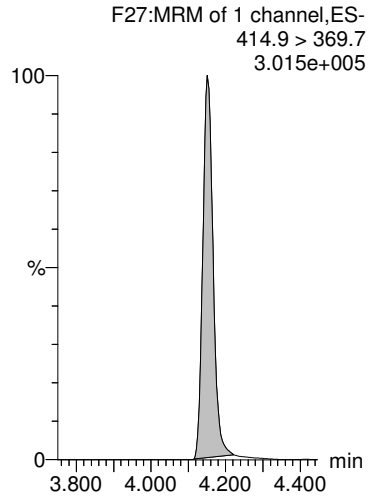

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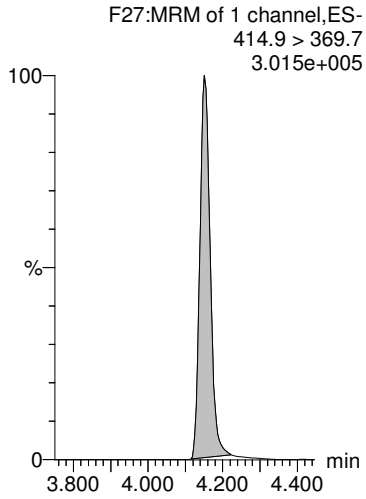
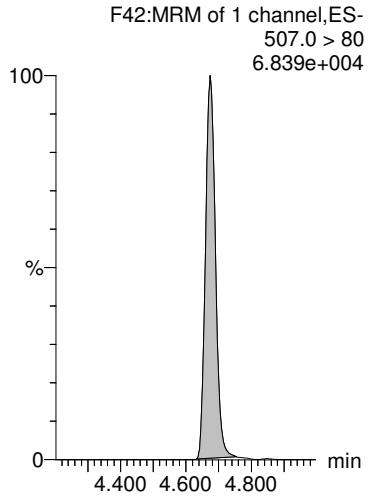
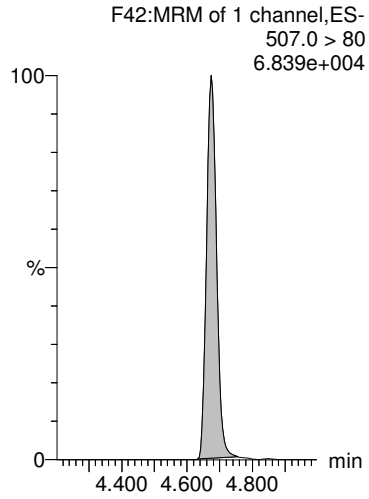


13C8-PFOS-EIS



13C8-PFOS-EIS



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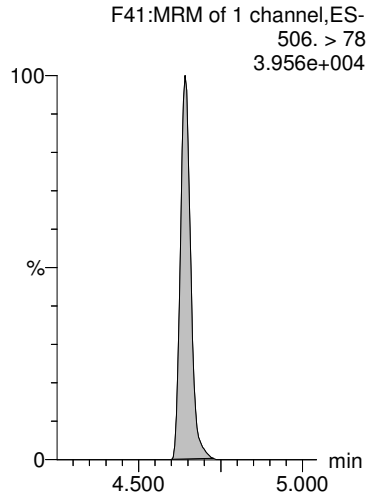
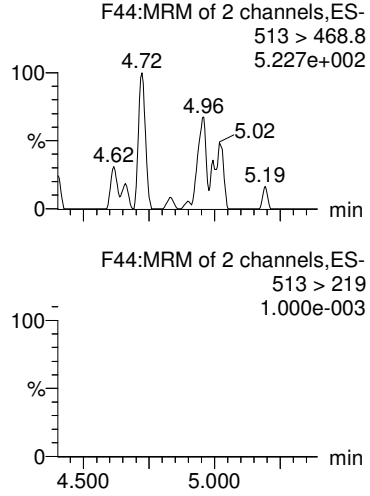


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

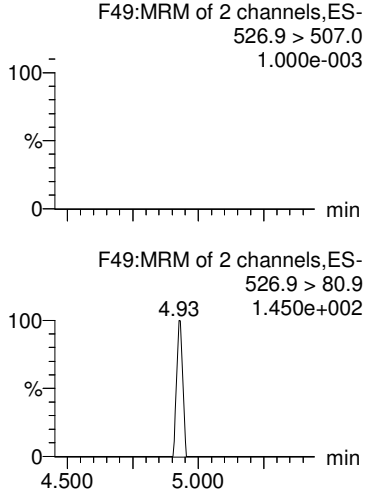
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

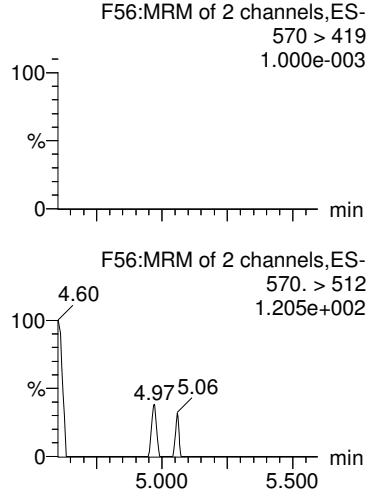
PFDA



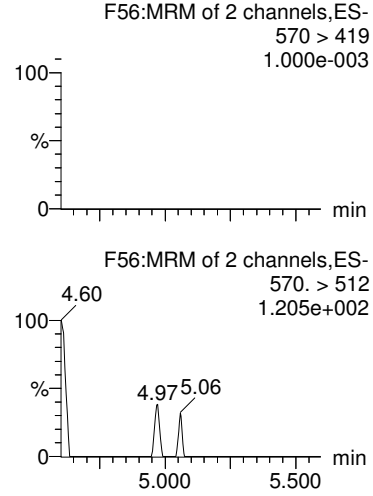
8:2 FTS



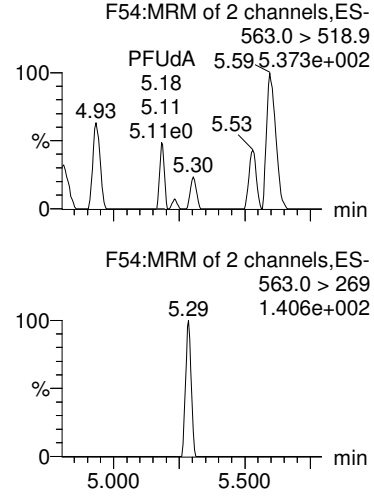
L-MeFOSAA



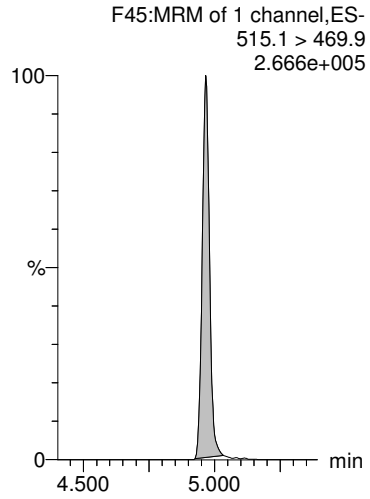
Total N-MeFOSAA



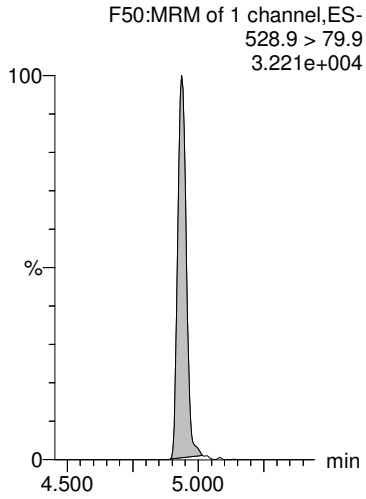
PFUdA



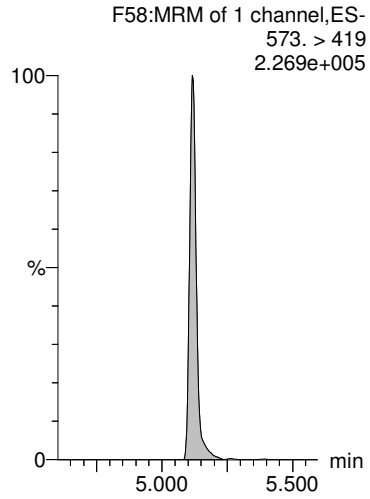
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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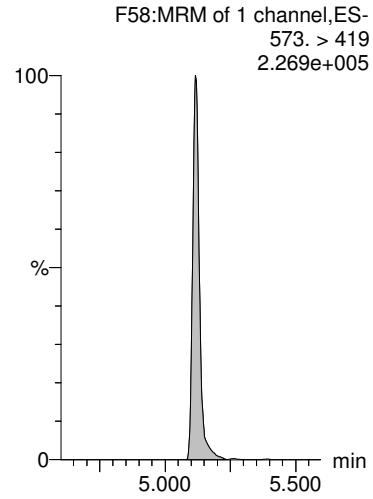
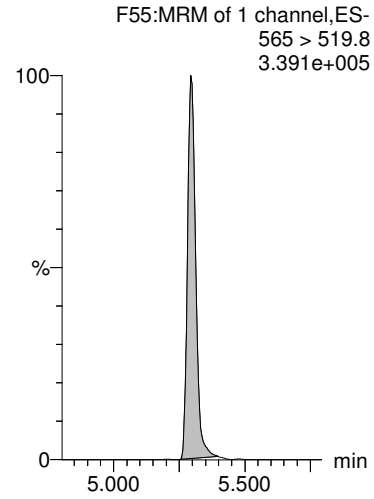


13C2-PFUdA-EIS

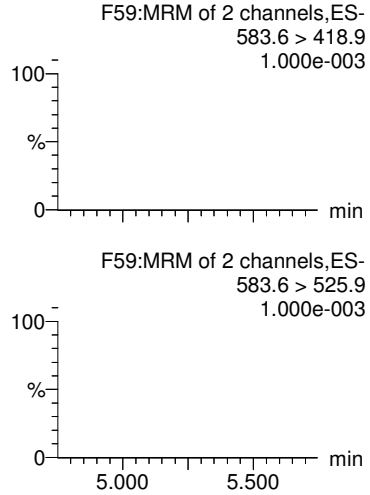


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

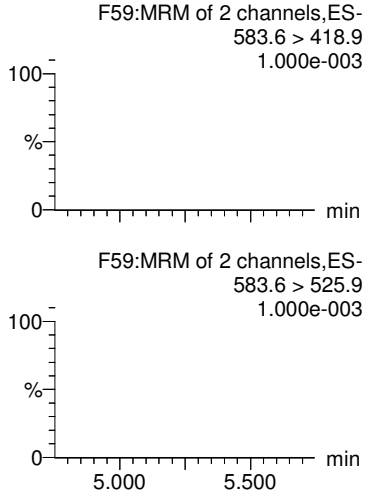
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

L-EtFOSAA



Total N-EtFOSAA



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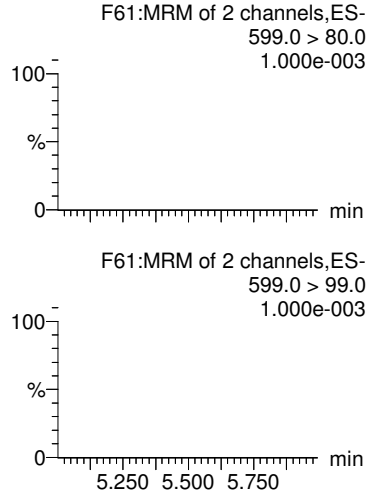
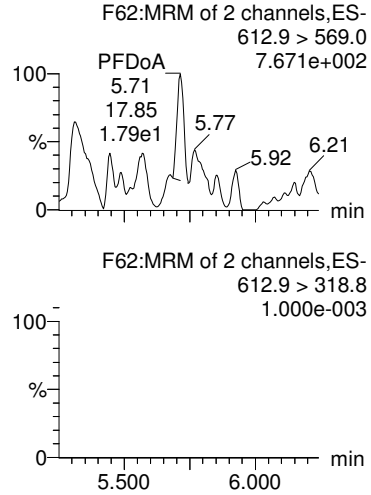
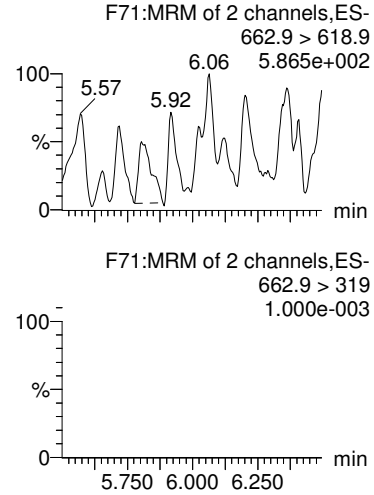


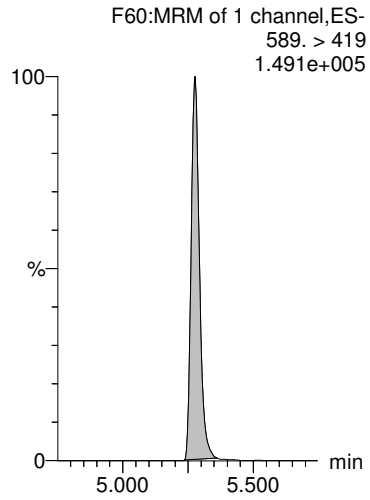
PFDoA



PFTrDA



d5-N-EtFOSAA-EIS



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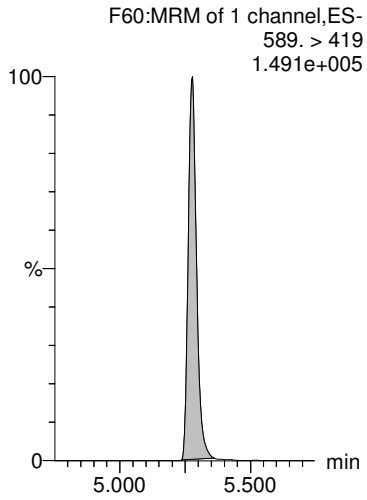
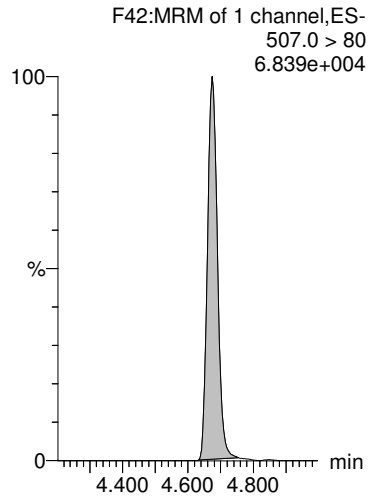
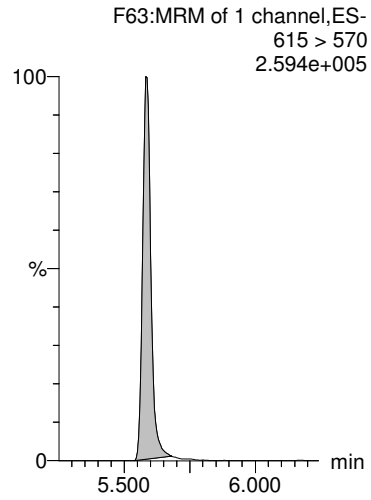


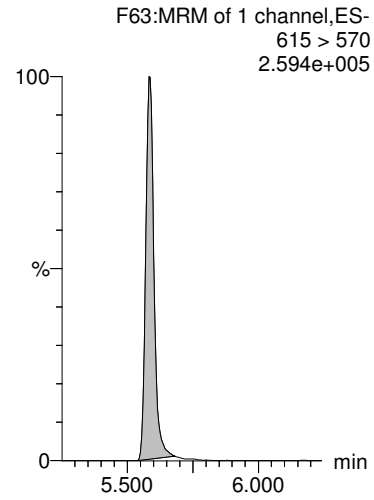
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

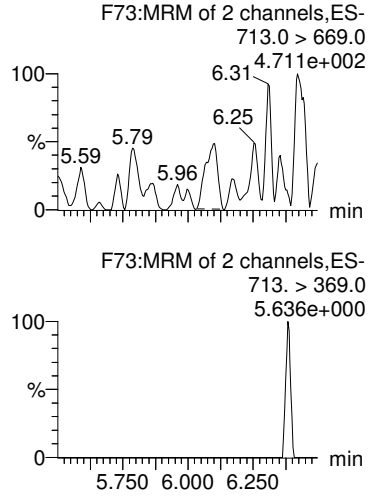


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

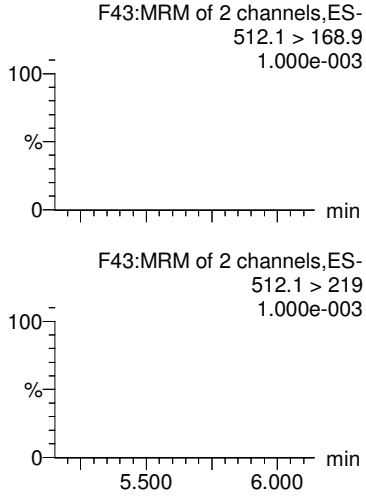
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

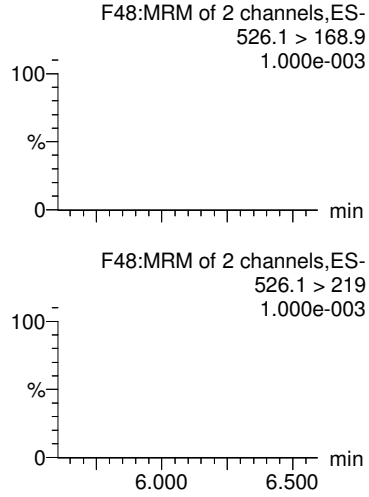
PFTeDA



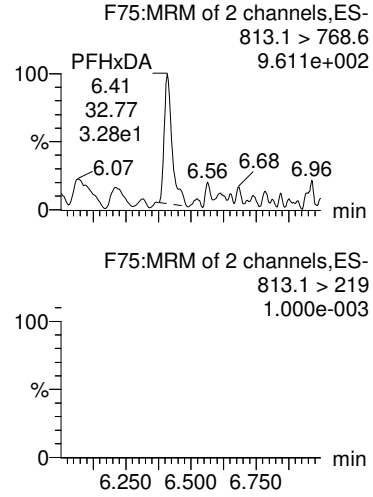
N-MeFOSA



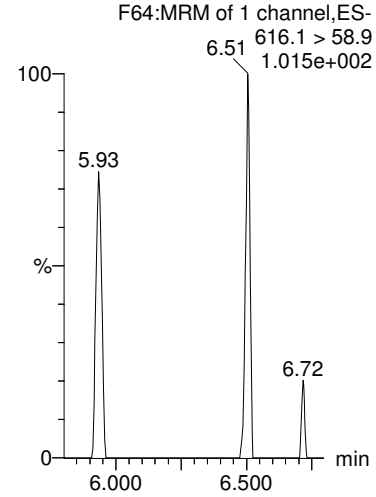
N-EtFOSA



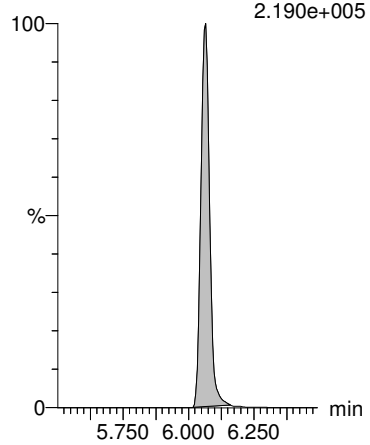
PFHxDA



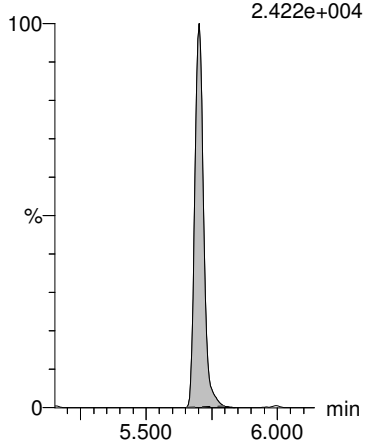
N-MeFOSE



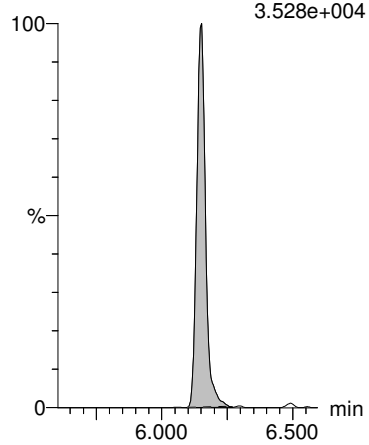
13C2-PFTeDA-EIS



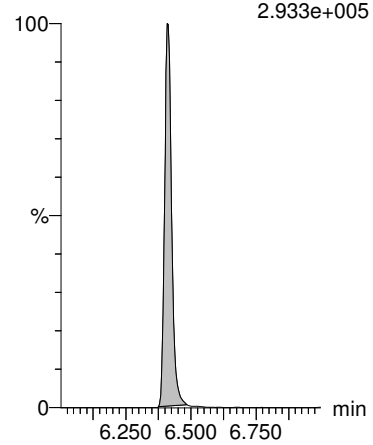
d3-N-MeFOSA-EIS



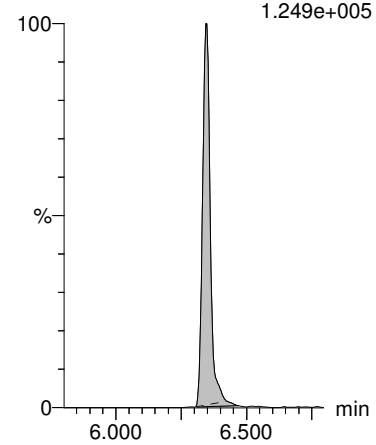
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS

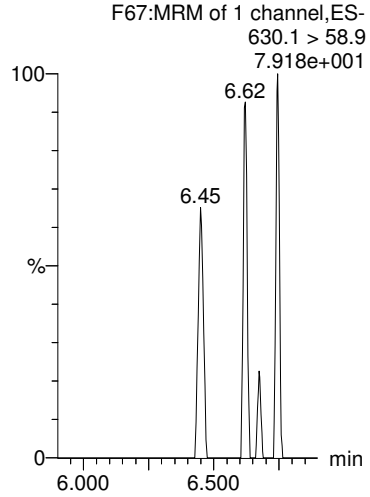


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

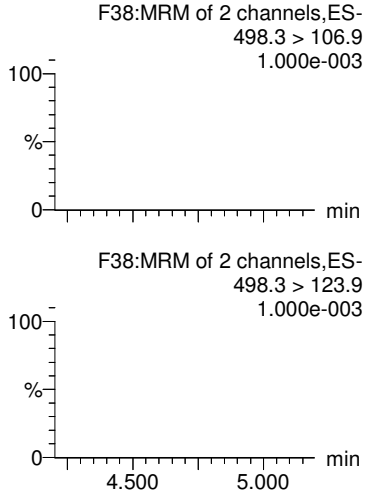
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:00 Pacific Daylight Time

Name: 200602M2_70, Date: 03-Jun-2020, Time: 04:12:53, ID: 2001090-04 GW-AE-1B 0.11012, Description: GW-AE-1B

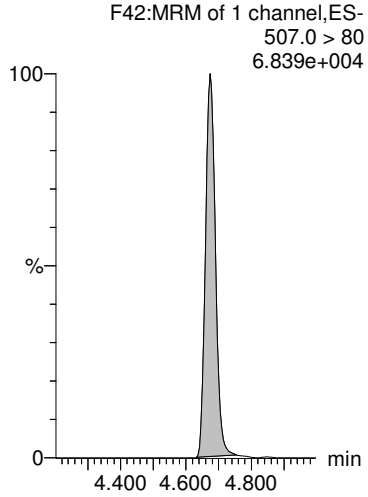
N-EtFOSE



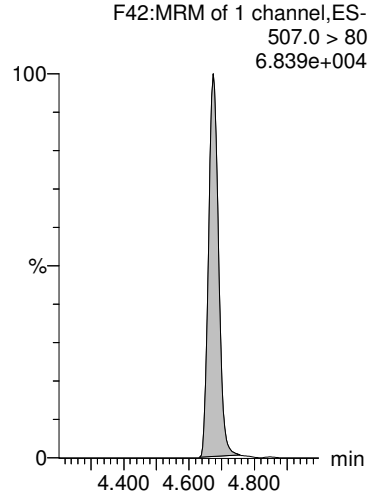
TDCA



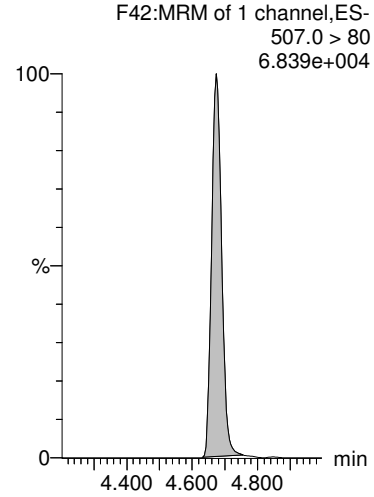
13C8-PFOS-EIS



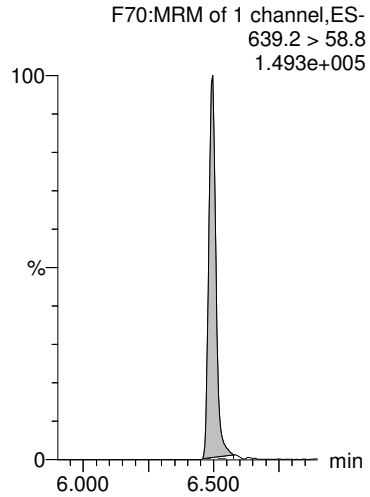
13C8-PFOS-EIS



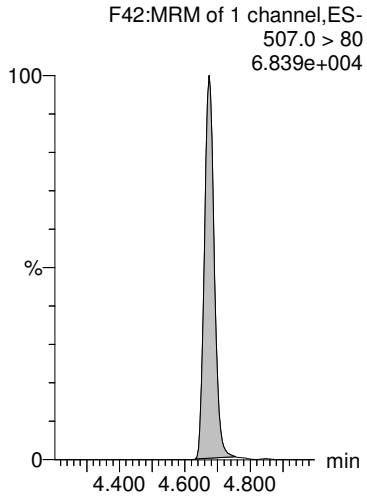
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory

OC 6/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-72.qld

Last Altered: Wednesday, June 10, 2020 11:18:47 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:19:15 Pacific Daylight Time

Name: 200608M1_72, Date: 09-Jun-2020, Time: 03:19:47, ID: 2001090-04RE1 GW-AE-1B 0.11252, Description: GW-AE-1B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		2034.675	0.113						NO		YES
2	42	N-EtFOSA	526.1 > 168.9		3253.550	0.113						NO		YES
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2034.675		0.113	73.791	5.57	2034.675	245.055	18.5	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3253.550		0.113	115.260	5.99	3253.550	250.871	18.9	YES		

AMR 6/10/2020

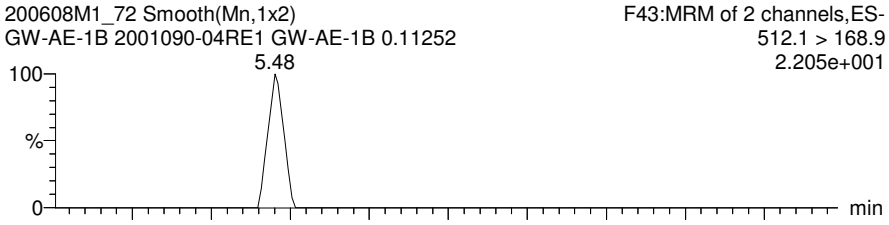
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-72.qld

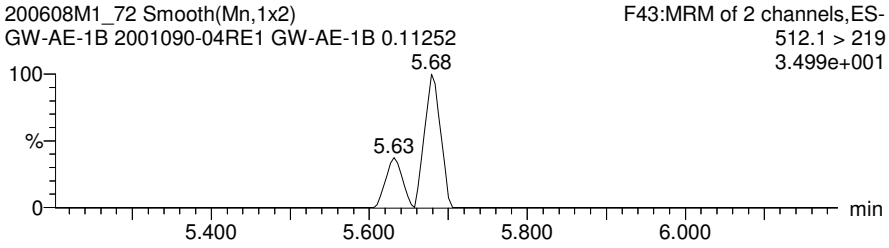
Last Altered: Wednesday, June 10, 2020 11:18:47 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:19:15 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

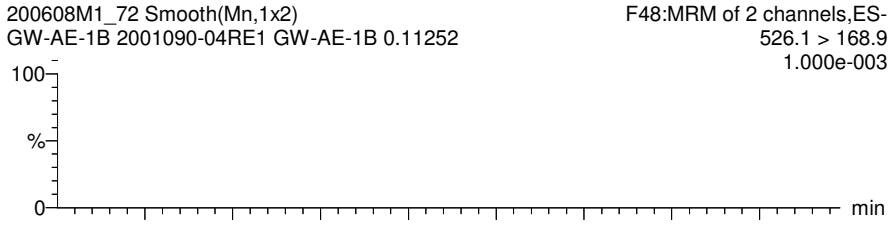
Name: 200608M1_72, Date: 09-Jun-2020, Time: 03:19:47, ID: 2001090-04RE1 GW-AE-1B 0.11252, Description: GW-AE-1B

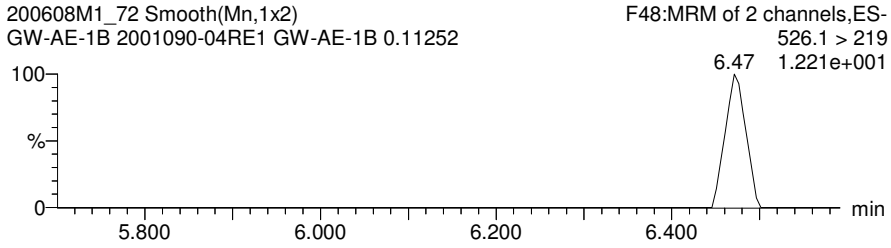
N-MeFOSA



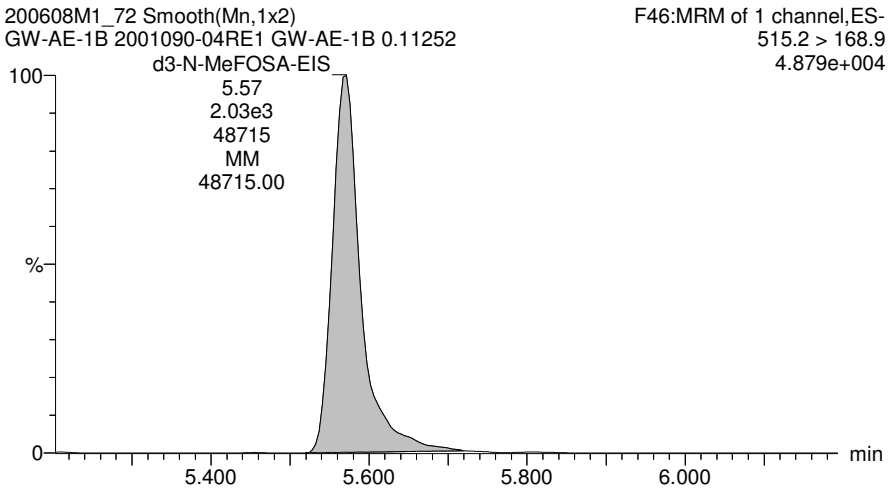


N-EtFOSA

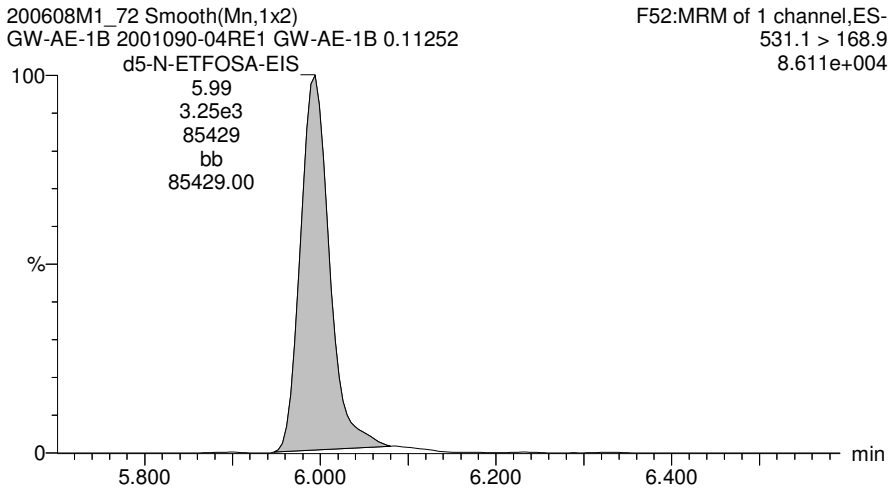




d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		9.09e1	0.115		1.29						
2	4	PFPeA	263.1 > 218.9		1.38e3	0.115		2.24						
3	5	PFBS	299.0 > 79.7		7.57e2	0.115		2.52						YES
4	7	PFHxA	313.0 > 269.0	6.12e1	7.34e3	0.115		3.04	3.04	0.104	0.8350		11.0	NO
5	11	PFHpA	363.0 > 318.9	7.77e1	5.12e3	0.115		3.65	3.65	0.190	1.2880		11.7	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	9.09e1		0.115	174.310	1.30	1.29	90.9	4.5526	4.2		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.38e3		0.115	355.452	2.24	2.24	1380	33.7927	31.0		
8	51	13C3-PFBS-EIS	302.0 > 99	7.57e2		0.115	74.705	2.52	2.52	757	88.3951	81.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.34e3		0.115	673.292	3.04	3.04	7340	95.1261	87.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	5.12e3		0.115	418.493	3.79	3.65	5120	106.7046	97.8		
11	-1													
12	13	L-PFHxS	399 > 80.0	6.45e0	2.52e3	0.115		3.79	3.79	0.0320	0.1775		8.29	YES
13	1...	Total PFHxS	399 > 80	6.45e0	2.52e3	0.115		3.83		0.0320	0.1775			
14	15	6:2 FTS	427.1 > 407.0		1.22e3	0.115		4.09						YES
15	19	PFHpS	448.9 > 80.0		2.27e3	0.115		4.28						YES
16	21	PFNA	463.0 > 418.8		8.82e3	0.115		4.58						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.52e3		0.115	185.544	3.80	3.79	2520	118.3502	108.5		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.52e3		0.115	185.544	3.80	3.79	2520	118.3502	108.5		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.22e3		0.115	101.130	4.19	4.09	1220	105.1814	96.4		
20	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.82e3		0.115	674.136	4.80	4.58	8820	114.1243	104.6		
22	-1													
23	16	L-PFOA	412.8 > 368.9	4.18e2	9.84e3	0.115		4.15	4.15	0.532	2.5987		3.20	NO
24	1...	Total PFOA	412.8 > 368.9	4.18e2	9.84e3	0.115		4.20		0.532	2.5987			
25	23	L-PFOS	499 > 80		2.27e3	0.115		4.67						YES
26	1...	Total PFOS	499 > 80	0.00e0	2.27e3	0.115		4.73		0.000				
27	22	PFOSA	498.0 > 78.0	5.18e1	1.44e3	0.115		4.64	4.64	0.450	4.4851		11.8	YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.84e3		0.115	778.175	4.30	4.15	9840	110.3149	101.1		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.84e3		0.115	778.175	4.30	4.15	9840	110.3149	101.1		
30	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		
31	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		
32	67	13C8-PFOSA-EIS	506. > 78	1.44e3		0.115	231.112	4.76	4.64	1440	54.3577	49.8		
33	-1													
34	26	PFDA	513 > 468.8		8.74e3	0.115		4.96						YES
35	27	8:2 FTS	526.9 > 507.0		1.35e3	0.115		4.93						YES
36	29	L-MeFOSAA	570 > 419		5.92e3	0.115		5.11						YES

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.92e3	0.115		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.14e4	0.115		5.29						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	8.74e3		0.115	717.399	5.10	4.96	8740	106.3642	97.5		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.35e3		0.115	107.927	4.98	4.93	1350	109.4394	100.3		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.92e3		0.115	596.470	5.13	5.11	5920	86.6302	79.4		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.92e3		0.115	596.470	5.13	5.11	5920	86.6302	79.4		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.14e4		0.115	1057.423	5.55	5.29	11400	94.1783	86.3		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		5.94e3	0.115		5.27						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	5.94e3	0.115		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.27e3	0.115		5.29						YES
48	37	PFDoA	612.9 > 569.0		9.93e3	0.115		5.58						YES
49	39	PFTrDA	662.9 > 618.9		9.93e3	0.115		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.94e3		0.115	475.939	5.43	5.27	5940	108.8400	99.8		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.94e3		0.115	475.939	5.43	5.27	5940	108.8400	99.8		
52	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		
53	83	13C2-PFDoA-EIS	615 > 570	9.93e3		0.115	1054.715	5.60	5.58	9930	82.1492	75.3		
54	83	13C2-PFDoA-EIS	615 > 570	9.93e3		0.115	1054.715	5.60	5.58	9930	82.1492	75.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0		5.45e3	0.115		6.05						YES
57	38	N-MeFOSA	512.1 > 168.9		1.63e3	0.115		5.68						YES
58	42	N-EtFOSA	526.1 > 168.9		2.32e3	0.115		6.12						YES
59	43	PFHxDA	813.1 > 768.6		8.06e3	0.115		6.40						YES
60	45	N-MeFOSE	616.1 > 58.9		3.51e3	0.115		6.33						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	5.45e3		0.115	886.344	6.08	6.05	5450	53.6766	49.2		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.63e3		0.115	84.837	5.72	5.69	1630	167.7107	12.9		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.32e3		0.115	127.429	6.16	6.14	2320	158.7183	12.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.06e3		0.115	1186.125	6.62	6.40	8060	59.3309	54.4		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.51e3		0.115	66.928	6.34	6.33	3510	457.4292	35.1		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		3.99e3	0.115		6.49						
68	1...	TDCA	498.3>106.9			0.115		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		
70	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		
71	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.99e3		0.115	73.193	6.51	6.49	3990	475.4902	36.5		

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MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.27e3		0.115	212.650	4.95	4.67	2270	93.2858	85.5		

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

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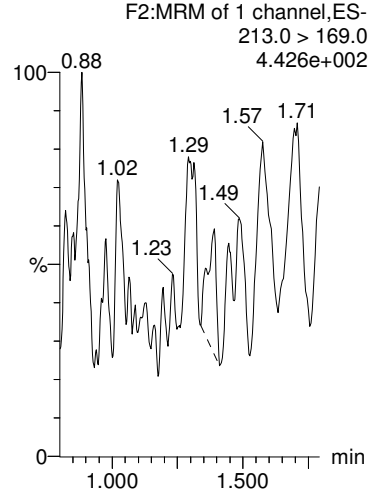

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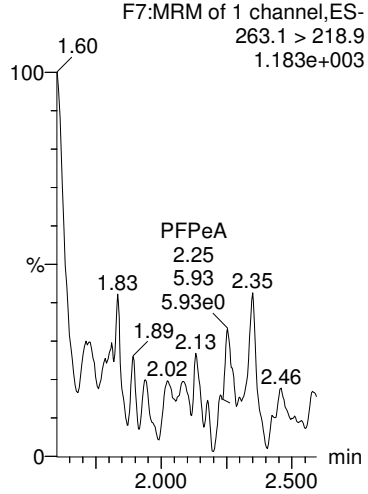

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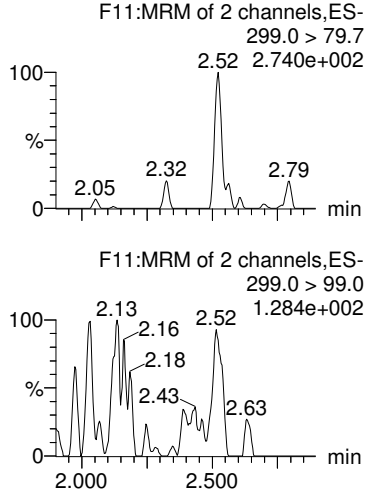

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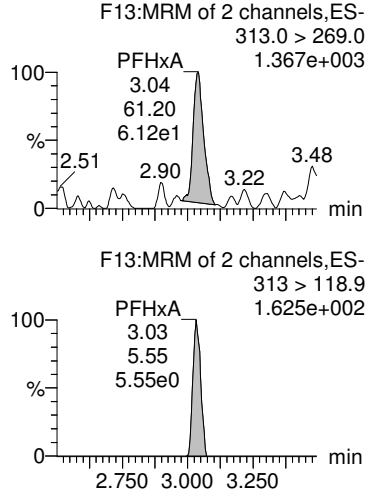

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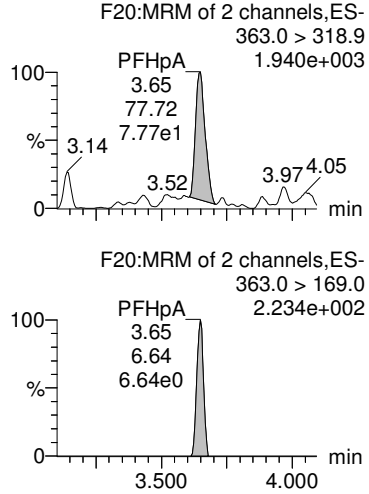

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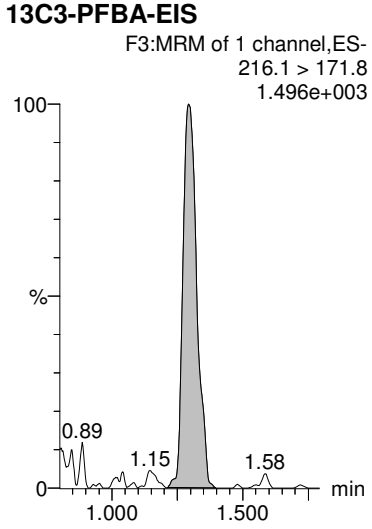

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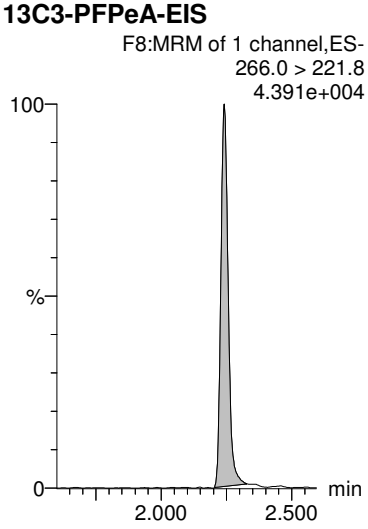

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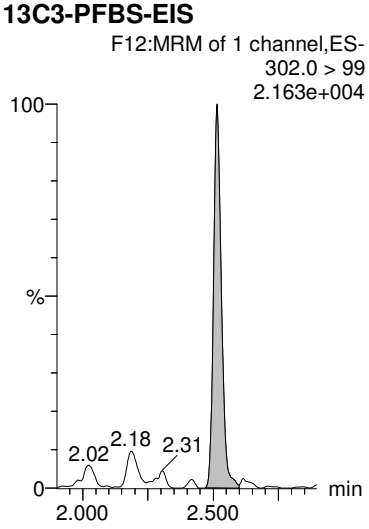

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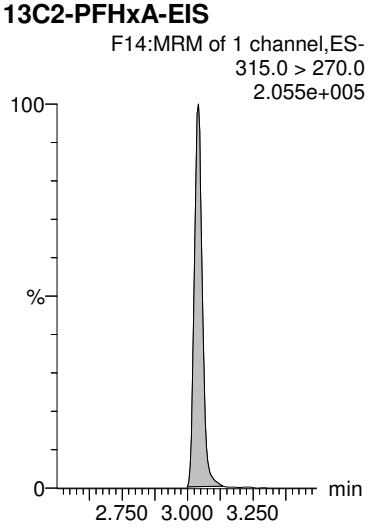

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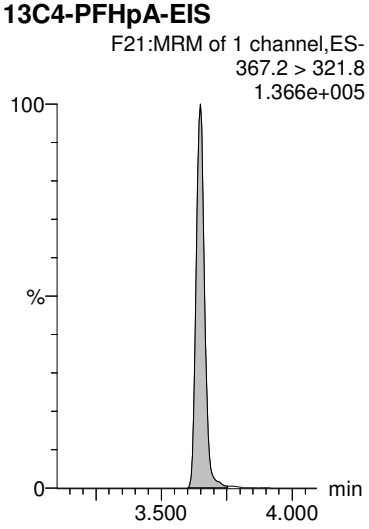

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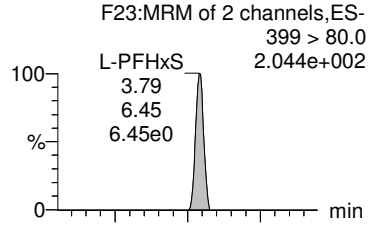
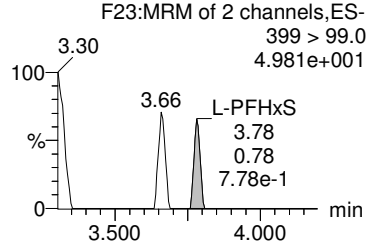
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

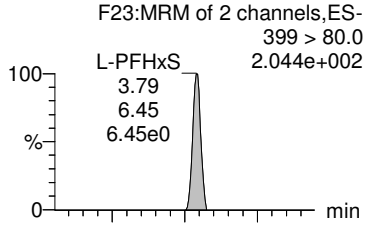
Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

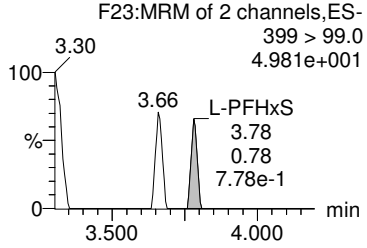
L-PFHxS



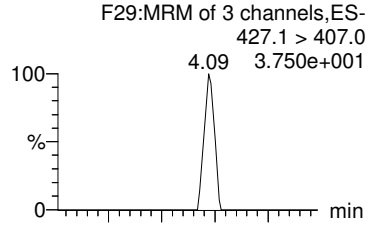


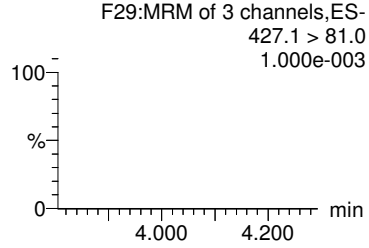
Total PFHxS





6:2 FTS





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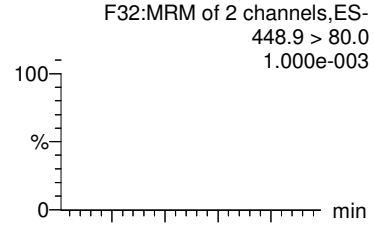

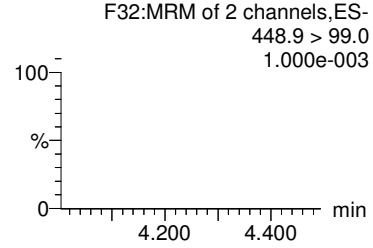

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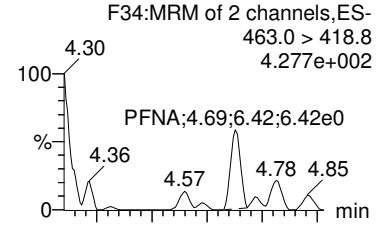

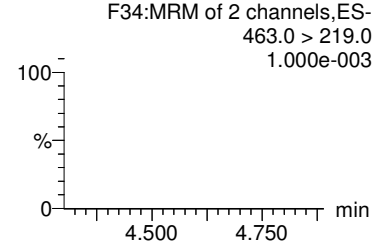

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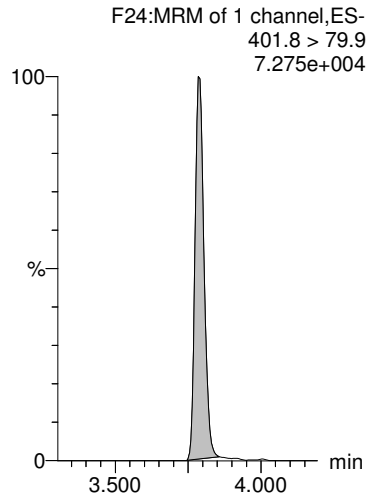

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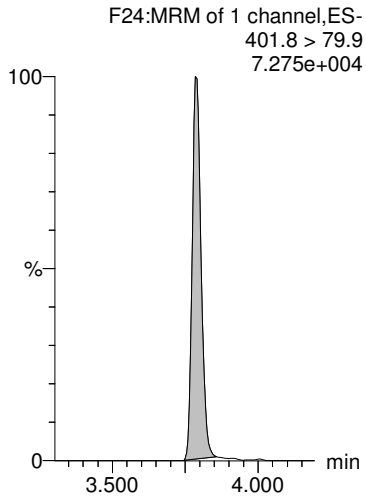

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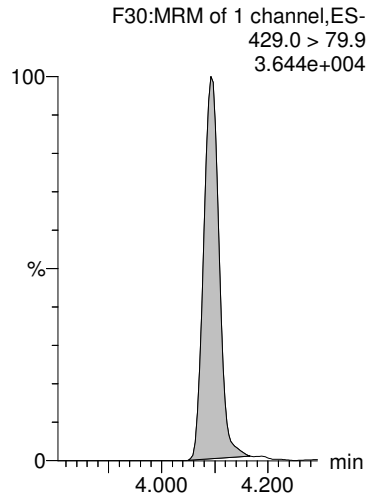

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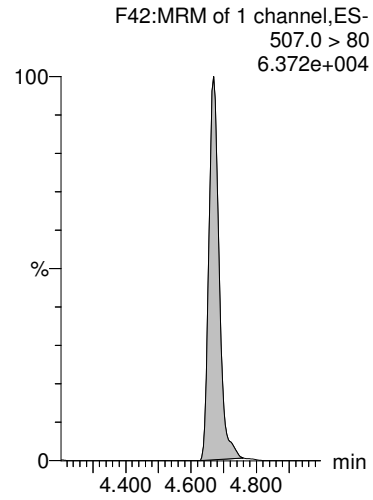

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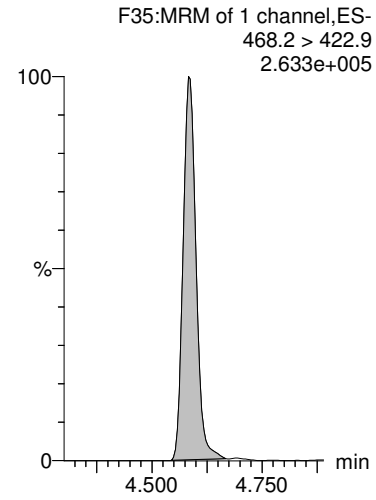

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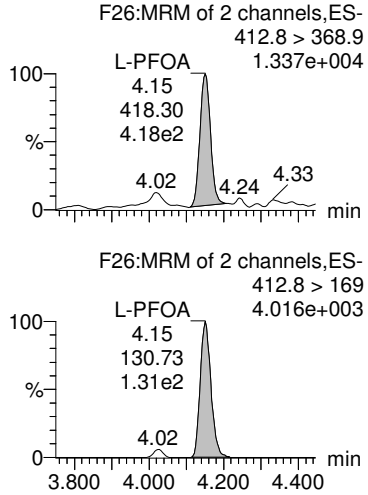
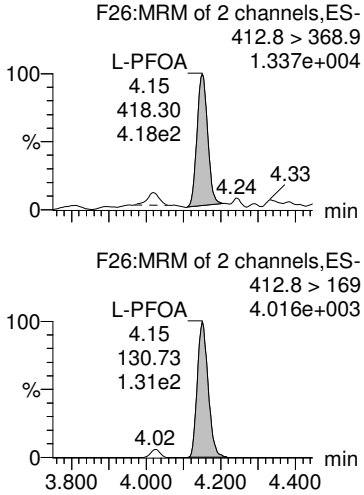
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

L-PFOA



Total PFOA



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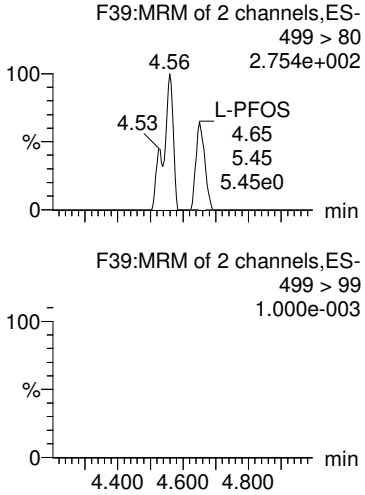
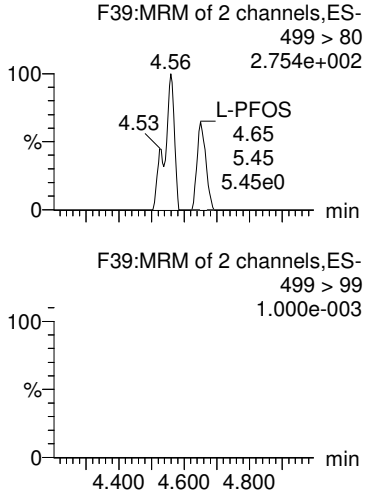
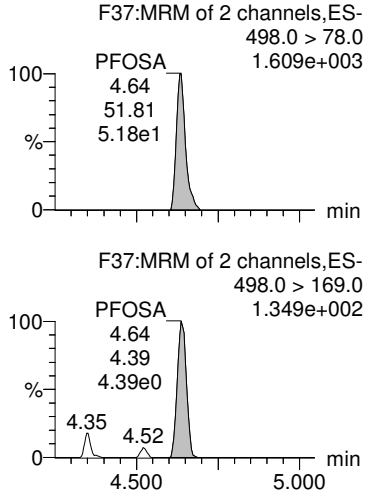


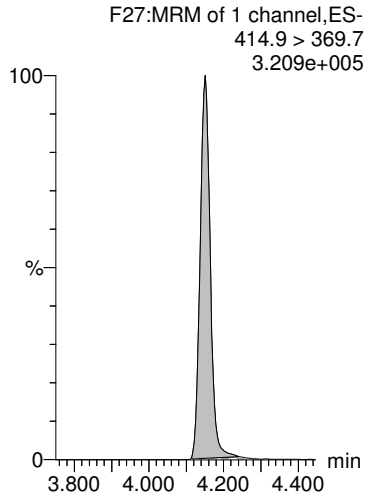
Total PFOS



PFOSA



13C2-PFOA-EIS



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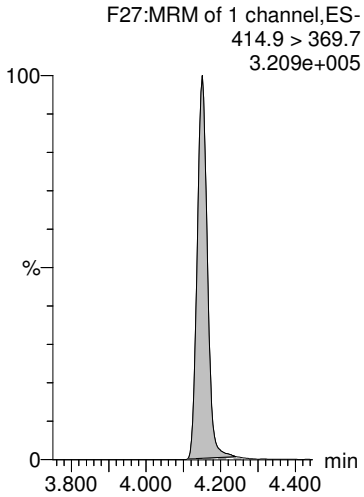

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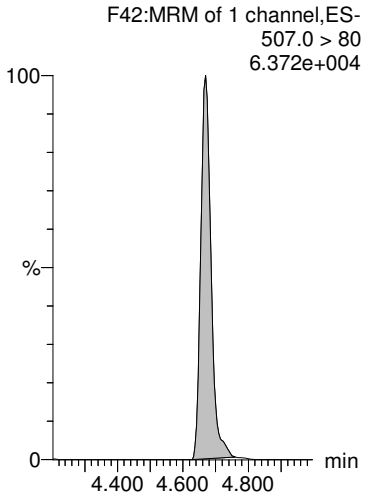
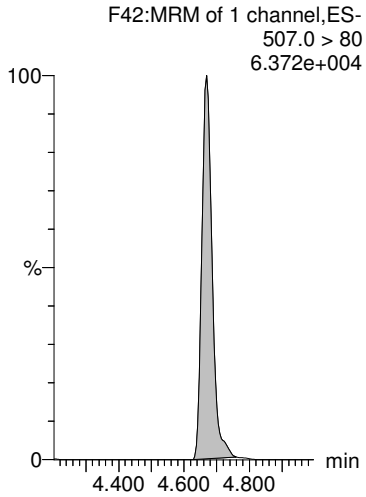
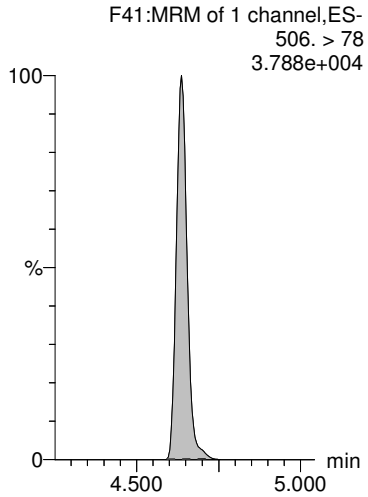


13C8-PFOS-EIS



13C8-PFOSA-EIS

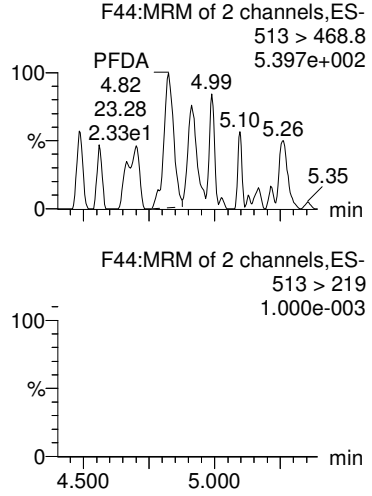


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

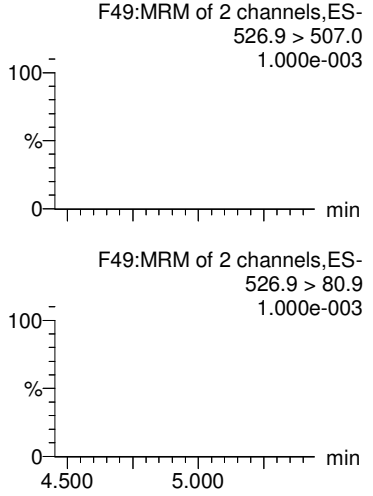
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

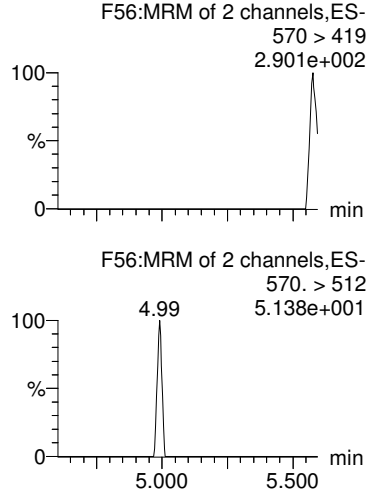
PFDA



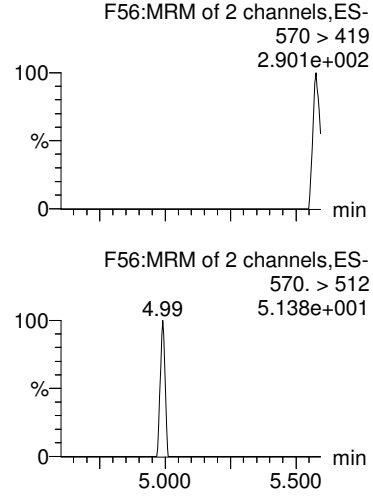
8:2 FTS



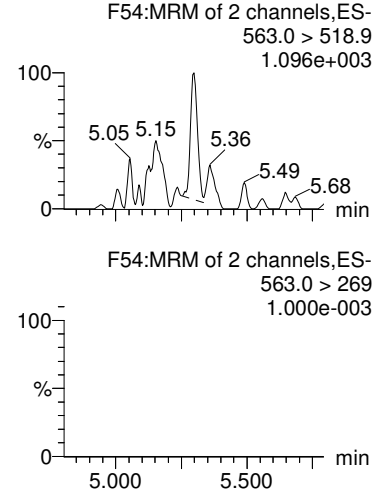
L-MeFOSAA



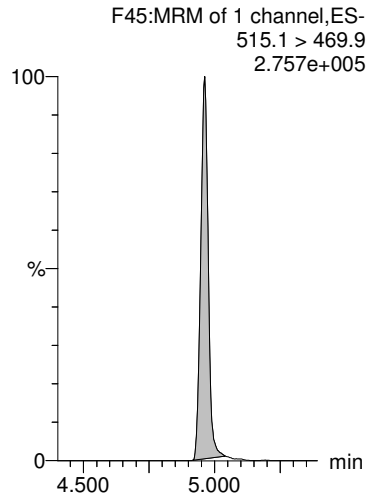
Total N-MeFOSAA



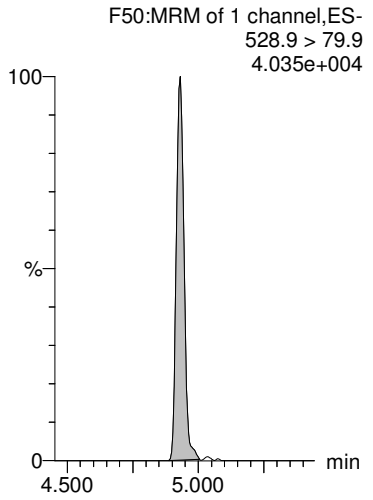
PFUdA



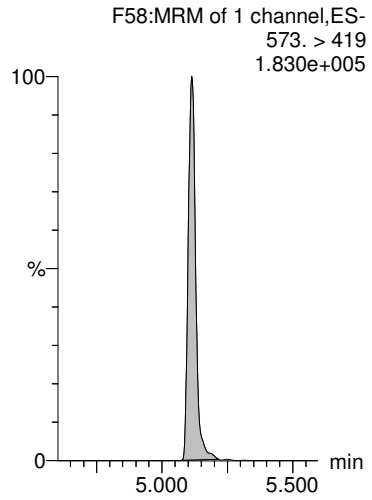
13C2-PFDA-EIS



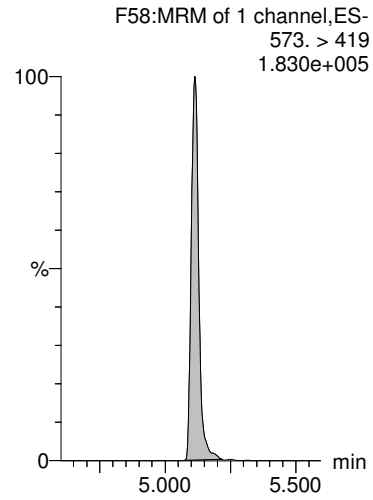
13C2-8:2 FTS-EIS



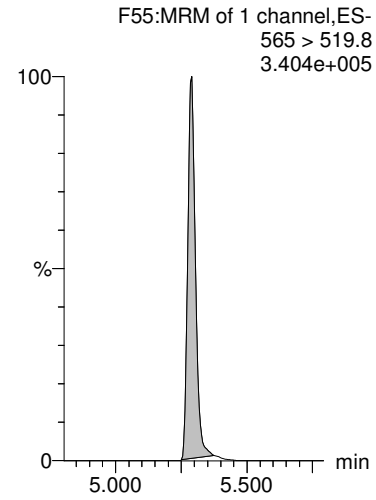
d3-N-MeFOSAA-EIS



d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS

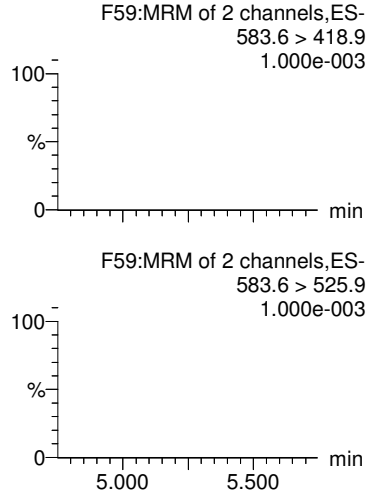


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

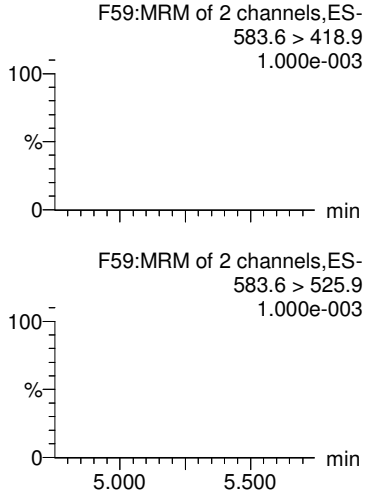
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

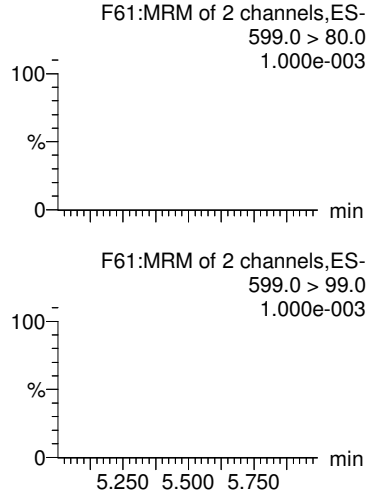
L-EtFOSAA



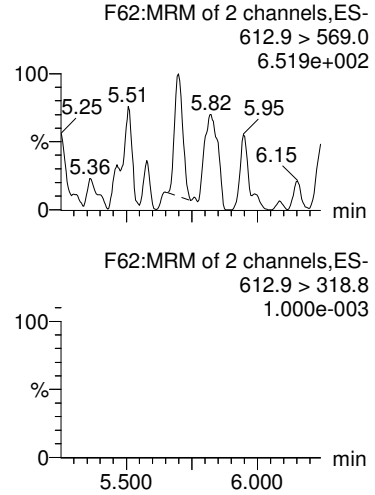
Total N-EtFOSAA



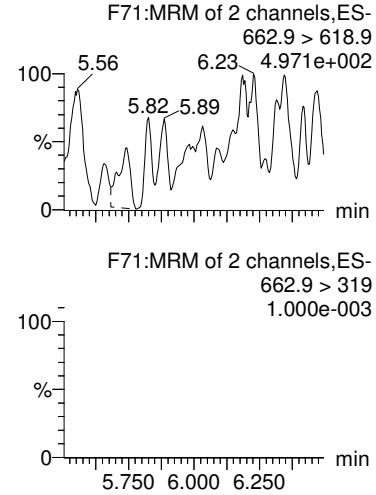
PFDS



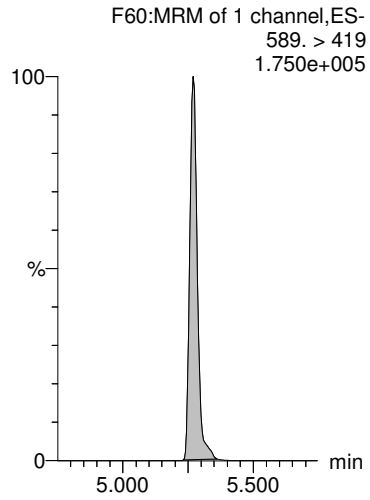
PFDoA



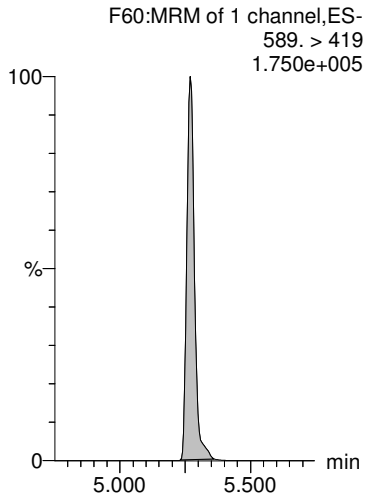
PFTrDA



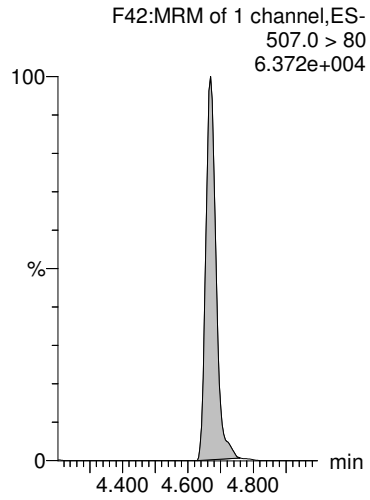
d5-N-EtFOSAA-EIS



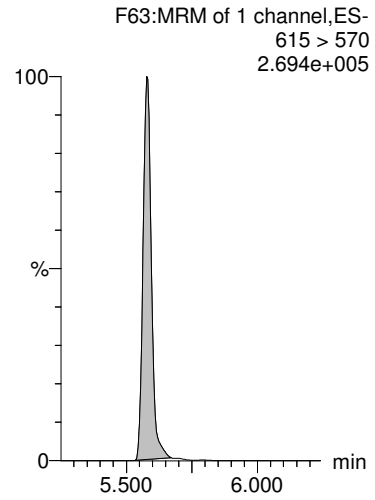
d5-N-EtFOSAA-EIS



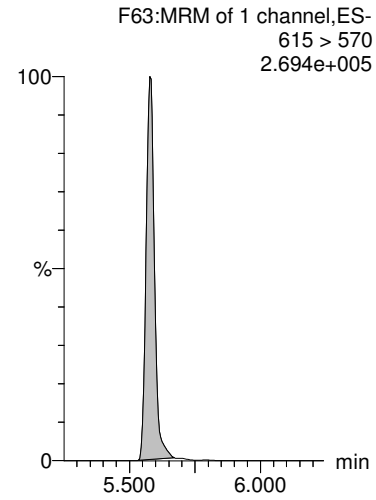
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

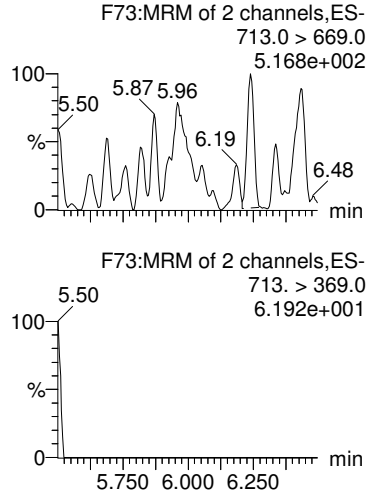


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

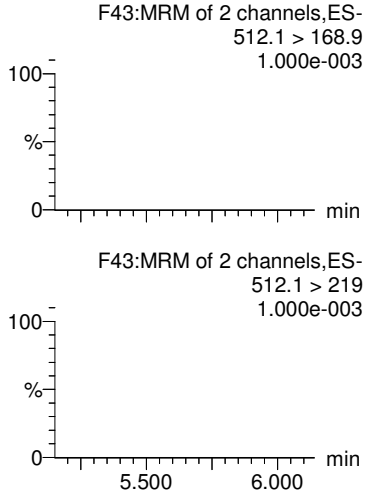
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

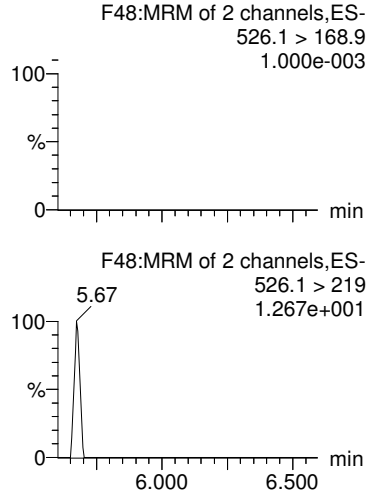
PFTeDA



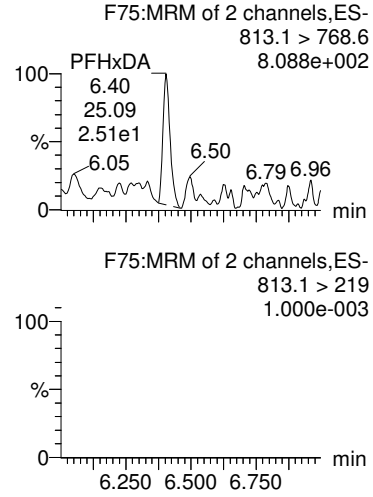
N-MeFOSA



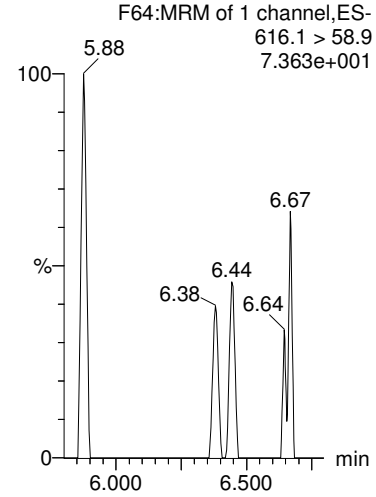
N-EtFOSA



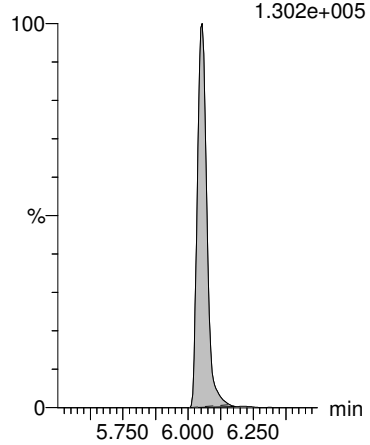
PFHxDA



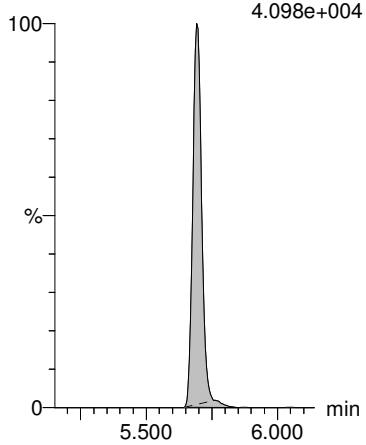
N-MeFOSE



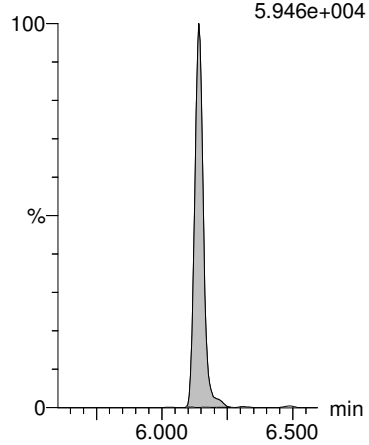
13C2-PFTeDA-EIS



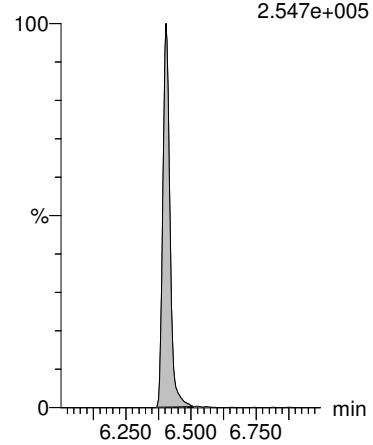
d3-N-MeFOSA-EIS



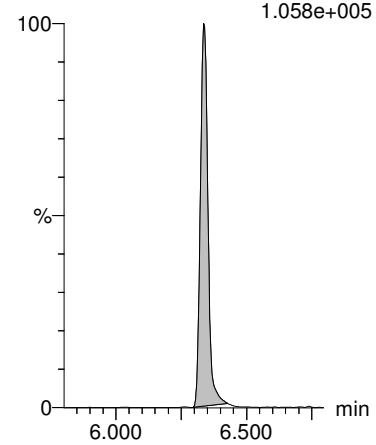
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS

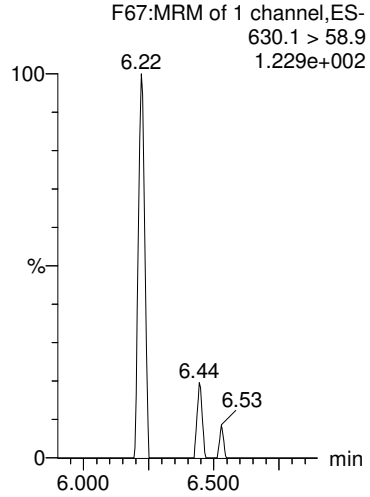


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

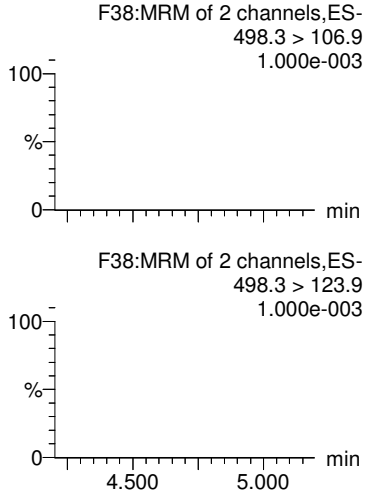
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:32:03 Pacific Daylight Time

Name: 200602M2_71, Date: 03-Jun-2020, Time: 04:23:15, ID: 2001090-05 GW-MW-20D1 0.11459, Description: GW-MW-20D1

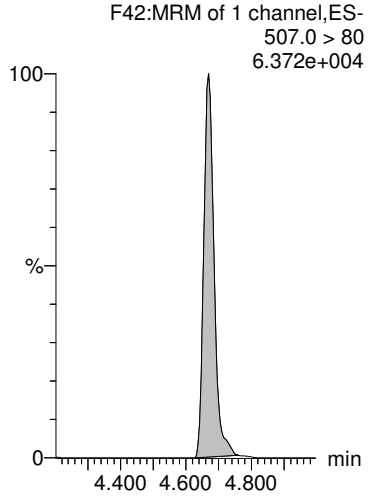
N-EtFOSE



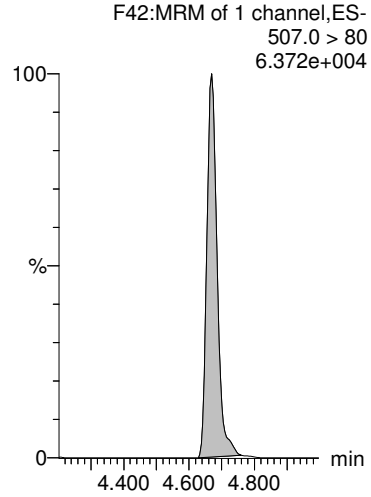
TDCA



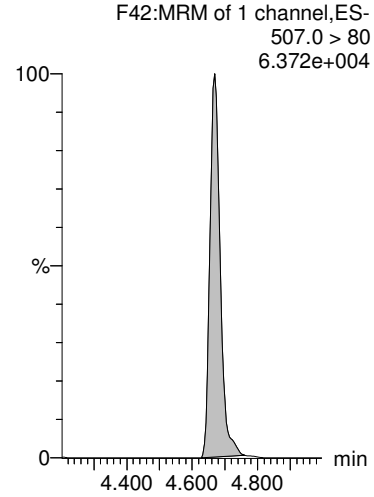
13C8-PFOS-EIS



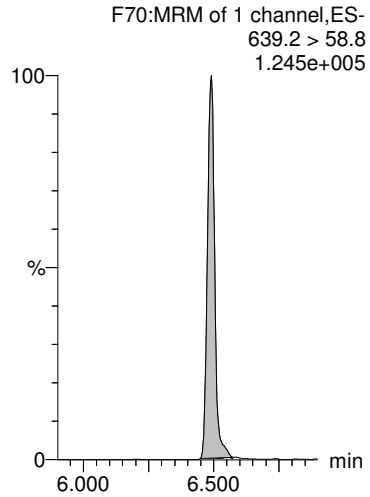
13C8-PFOS-EIS



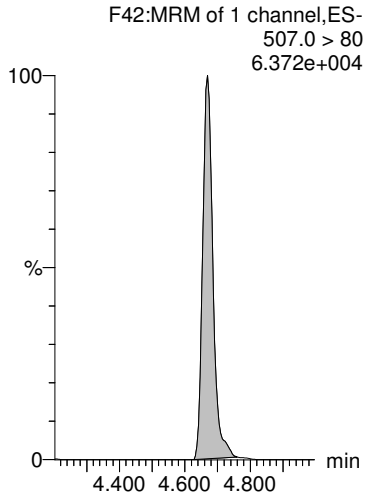
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-73.qld

Last Altered: Wednesday, June 10, 2020 11:20:28 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:20:48 Pacific Daylight Time

Name: 200608M1_73, Date: 09-Jun-2020, Time: 03:30:09, ID: 2001090-05RE1 GW-MW-20D1 0.11487, Description: GW-MW-20D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		2483.530	0.115						NO		YES
2	42	N-EtFOSA	526.1 > 168.9		3850.953	0.115						NO		YES
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2483.530		0.115	73.791	5.57	2483.530	292.996	22.6	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3850.953		0.115	115.260	5.99	3850.953	290.860	22.4	YES		

AMR 6/10/2020

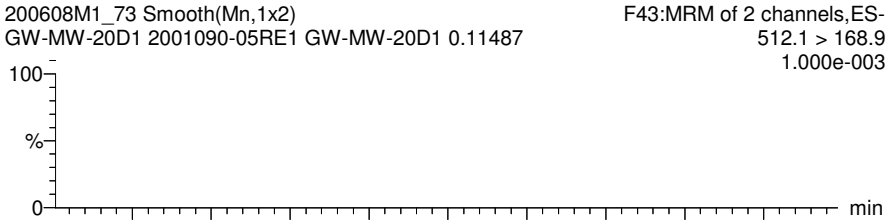
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-73.qld

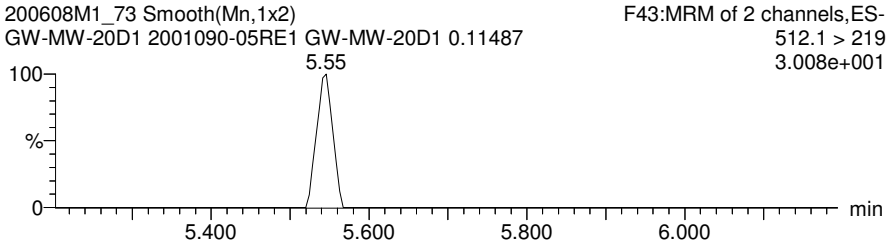
Last Altered: Wednesday, June 10, 2020 11:20:28 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:20:48 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

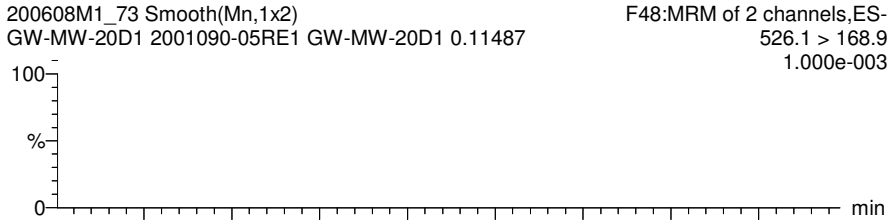
Name: 200608M1_73, Date: 09-Jun-2020, Time: 03:30:09, ID: 2001090-05RE1 GW-MW-20D1 0.11487, Description: GW-MW-20D1

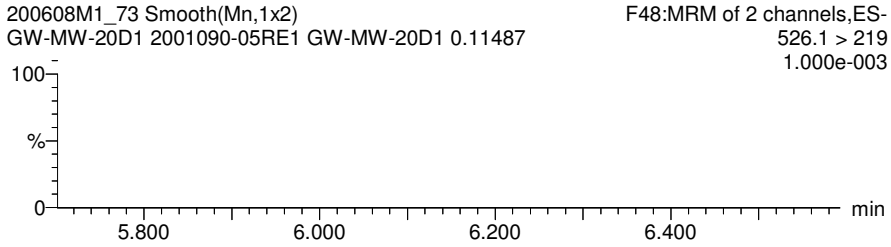
N-MeFOSA



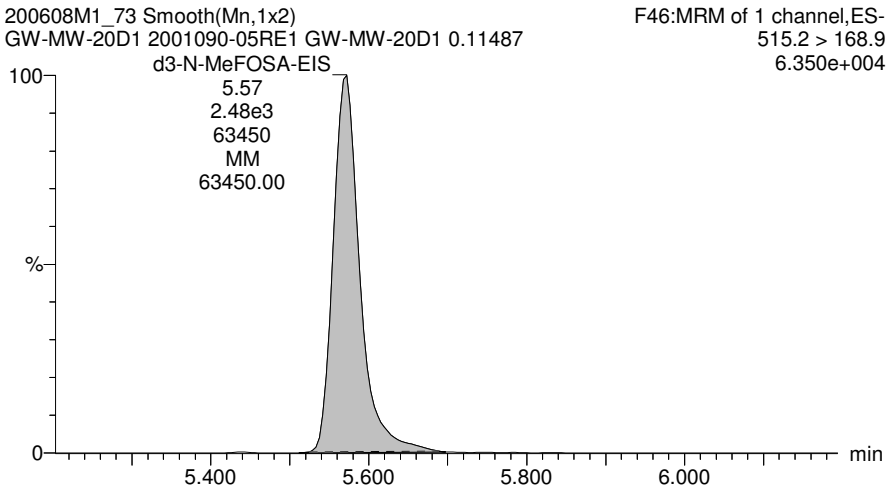


N-EtFOSA

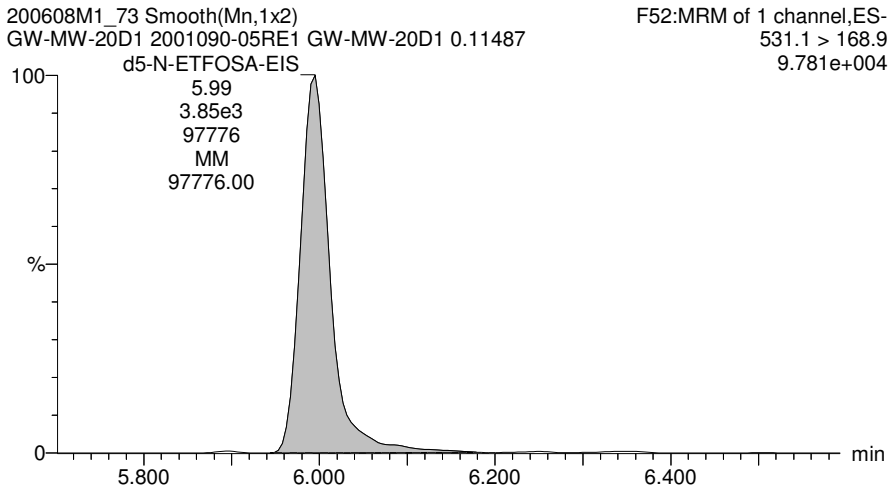




d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



AMR 6/10/2020

Review: AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:35 Pacific Daylight Time

Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	8.60e1	8.62e1	0.114		1.30	1.30	12.5	84.3018			
2	4	PFPeA	263.1 > 218.9	9.09e2	1.24e3	0.114		2.25	2.25	9.17	80.2863			
3	5	PFBS	299.0 > 79.7	1.14e3	6.82e2	0.114		2.52	2.52	20.9	86.5047		3.27	NO
4	7	PFHxA	313.0 > 269.0	4.79e3	6.60e3	0.114		3.05	3.04	9.08	79.5784		19.3	NO
5	11	PFHpA	363.0 > 318.9	4.16e3	4.33e3	0.114		3.65	3.65	12.0	83.6699		15.0	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	8.62e1		0.114	174.310	1.30	1.30	86.2	4.3526	4.0		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.24e3		0.114	355.452	2.24	2.25	1240	30.6817	27.9		
8	51	13C3-PFBS-EIS	302.0 > 99	6.82e2		0.114	74.705	2.52	2.52	682	80.3986	73.1		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.60e3		0.114	673.292	3.04	3.05	6600	86.2994	78.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.33e3		0.114	418.493	3.79	3.65	4330	91.0229	82.7		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.57e3	2.23e3	0.114		3.79	3.79	8.79	78.5303		1.56	NO
13	1...	Total PFHxS	399 > 80	1.57e3	2.23e3	0.114		3.83		8.79	78.5303			
14	15	6:2 FTS	427.1 > 407.0	2.05e3	1.10e3	0.114		4.10	4.10	23.3	76.7395		1.99	NO
15	19	PFHpS	448.9 > 80.0	1.40e3	2.11e3	0.114		4.29	4.27	8.29	91.4516		1.97	NO
16	21	PFNA	463.0 > 418.8	7.92e3	8.63e3	0.114		4.59	4.59	11.5	85.8420		5.39	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.23e3		0.114	185.544	3.80	3.79	2230	105.7425	96.1		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.23e3		0.114	185.544	3.80	3.79	2230	105.7425	96.1		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.10e3		0.114	101.130	4.19	4.10	1100	95.6451	86.9		
20	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.63e3		0.114	674.136	4.80	4.59	8630	112.6288	102.4		
22	-1													
23	16	L-PFOA	412.8 > 368.9	8.99e3	8.75e3	0.114		4.16	4.16	12.9	79.6856		3.72	NO
24	1...	Total PFOA	412.8 > 368.9	9.01e3	8.75e3	0.114		4.20		12.9	79.6856			
25	23	L-PFOS	499 > 80	1.74e3	2.11e3	0.114		4.68	4.68	10.3	106.9275		1.73	NO
26	1...	Total PFOS	499 > 80	1.74e3	2.11e3	0.114		4.73		10.3	106.9275			
27	22	PFOSA	498.0 > 78.0	1.18e3	1.74e3	0.114		4.64	4.65	8.46	67.6120		26.5	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.75e3		0.114	778.175	4.30	4.16	8750	98.9212	89.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.75e3		0.114	778.175	4.30	4.16	8750	98.9212	89.9		
30	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		
31	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		
32	67	13C8-PFOSA-EIS	506. > 78	1.74e3		0.114	231.112	4.76	4.64	1740	66.2310	60.2		
33	-1													
34	26	PFDA	513 > 468.8	7.35e3	6.62e3	0.114		4.97	4.97	13.9	93.9305		6.86	NO
35	27	8:2 FTS	526.9 > 507.0	1.85e3	1.08e3	0.114		4.94	4.94	21.5	79.3404		1.46	NO
36	29	L-MeFOSAA	570 > 419	4.31e3	4.30e3	0.114		5.12	5.12	12.5	108.6366		2.68	NO

Vista Analytical Laboratory L26

Review: AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:35 Pacific Daylight Time

Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	4.31e3	4.30e3	0.114		5.17		12.5	108.6366			
38	33	PFUdA	563.0 > 518.9	7.42e3	9.58e3	0.114		5.29	5.29	9.67	94.5245		12.2	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	6.62e3		0.114	717.399	5.10	4.97	6620	81.1929	73.8		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.08e3		0.114	107.927	4.98	4.94	1080	88.0161	80.0		
41	77	d3-N-MeFOSAA-EIS	573. > 419	4.30e3		0.114	596.470	5.13	5.12	4300	63.5137	57.7		
42	77	d3-N-MeFOSAA-EIS	573. > 419	4.30e3		0.114	596.470	5.13	5.12	4300	63.5137	57.7		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.58e3		0.114	1057.423	5.55	5.29	9580	79.7782	72.5		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9	2.86e3	5.49e3	0.114		5.28	5.29	6.52	86.1523		1.16	NO
46	1...	Total N-EtFOSAA	583.6 > 418.9	2.86e3	5.49e3	0.114		5.33		6.52	86.1523			
47	34	PFDS	599.0 > 80.0	1.40e3	2.11e3	0.114		5.30	5.35	8.28	97.0301		1.49	NO
48	37	PFDoA	612.9 > 569.0	8.18e3	1.07e4	0.114		5.59	5.59	9.57	80.3257		8.67	NO
49	39	PFTrDA	662.9 > 618.9	7.53e3	1.07e4	0.114		5.84	5.84	8.82	76.4506		9.42	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.49e3		0.114	475.939	5.43	5.28	5490	101.5716	92.3		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.49e3		0.114	475.939	5.43	5.28	5490	101.5716	92.3		
52	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		
53	83	13C2-PFDoA-EIS	615 > 570	1.07e4		0.114	1054.715	5.60	5.59	10700	89.0906	81.0		
54	83	13C2-PFDoA-EIS	615 > 570	1.07e4		0.114	1054.715	5.60	5.59	10700	89.0906	81.0		
55	-1													
56	41	PFTeDA	713.0 > 669.0	6.53e3	6.82e3	0.114		6.06	6.06	12.0	75.2350		11.9	NO
57	38	N-MeFOSA	512.1 > 168.9	7.95e2	2.44e3	0.114		5.69	5.67	48.7	419.3467		1.33	NO
58	42	N-EtFOSA	526.1 > 168.9	9.59e2	3.42e3	0.114		6.13	6.13	41.9	440.0910		1.71	NO
59	43	PFHxDA	813.1 > 768.6	3.68e3	6.98e3	0.114		6.41	6.41	6.59	94.3827		46.1	NO
60	45	N-MeFOSE	616.1 > 58.9	1.04e3	3.28e3	0.114		6.35	6.36	47.4	383.2680			
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.82e3		0.114	886.344	6.08	6.06	6820	67.7504	61.6		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.44e3		0.114	84.837	5.72	5.70	2440	252.7422	19.2		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.42e3		0.114	127.429	6.16	6.15	3420	235.8984	18.0		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.98e3		0.114	1186.125	6.62	6.41	6980	51.8262	47.1		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.28e3		0.114	66.928	6.35	6.35	3280	431.1167	32.8		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	1.41e3	3.83e3	0.114		6.50	6.51	55.0	412.6124			
68	1...	TDCA	498.3>106.9			0.114		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		
70	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		
71	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.83e3		0.114	73.193	6.51	6.50	3830	460.4822	35.1		

GM 6/5/2020

Vista Analytical Laboratory L26

Review: AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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Printed: Friday, June 05, 2020 17:28:35 Pacific Daylight Time

Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.11e3		0.114	212.650	4.95	4.68	2110	87.4886	79.5		

GM 6/5/2020

Vista Analytical Laboratory L26

Review: AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

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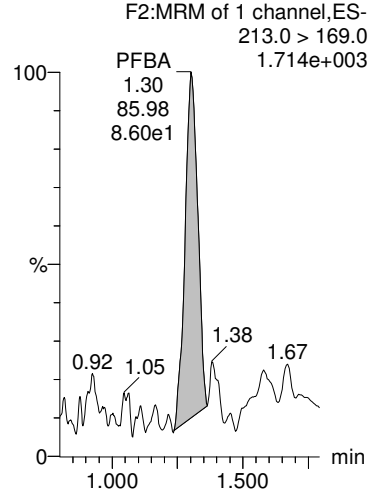

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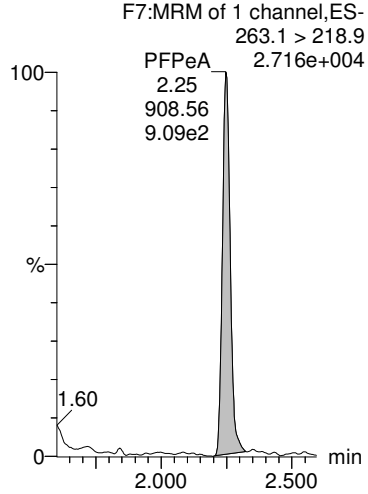

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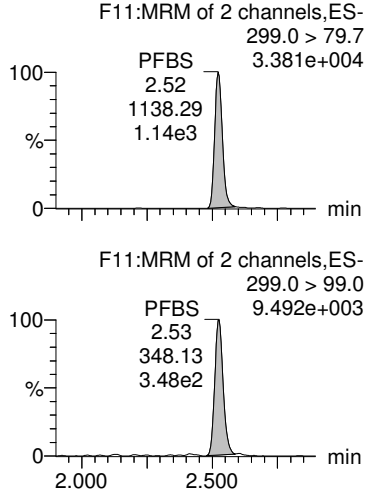

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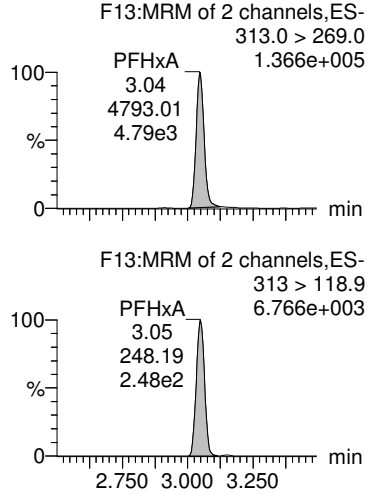

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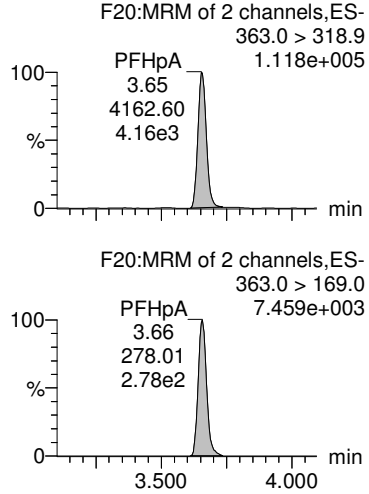

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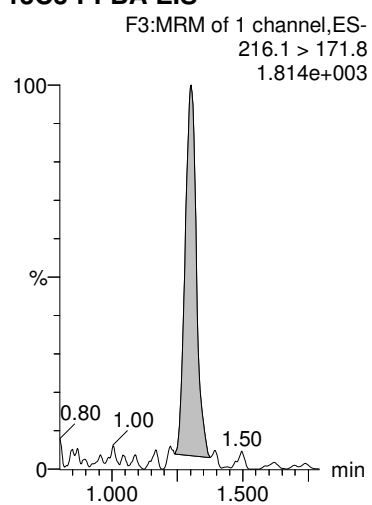

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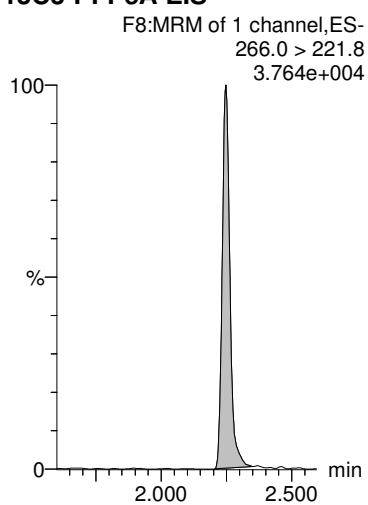

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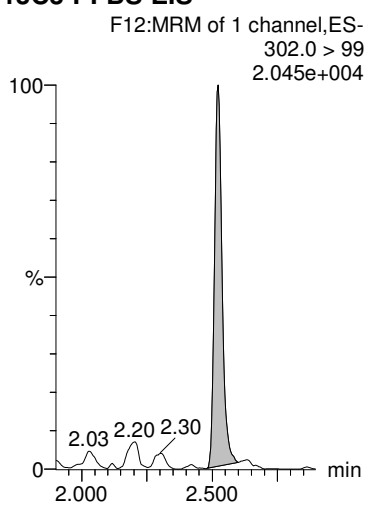

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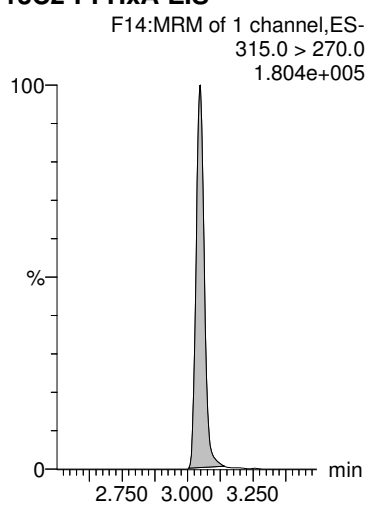

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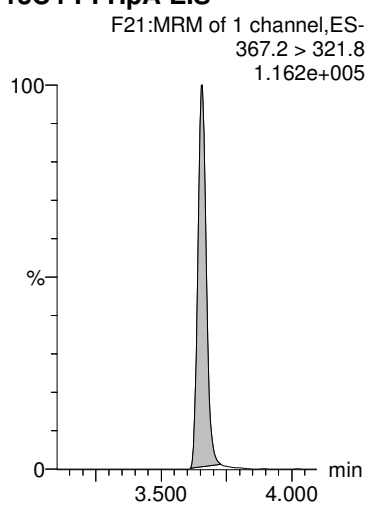

GM 6/5/2020

Review: AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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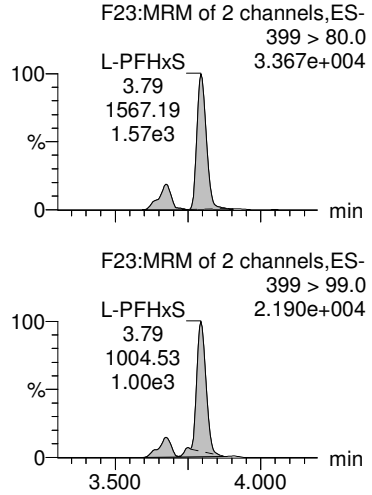
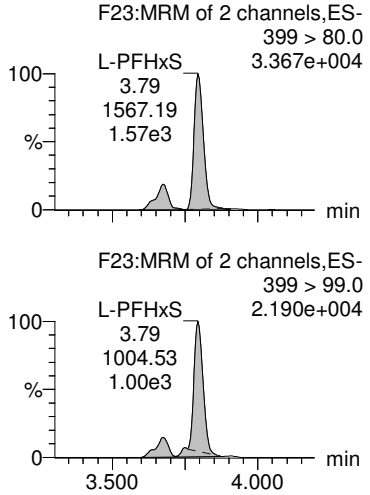
Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

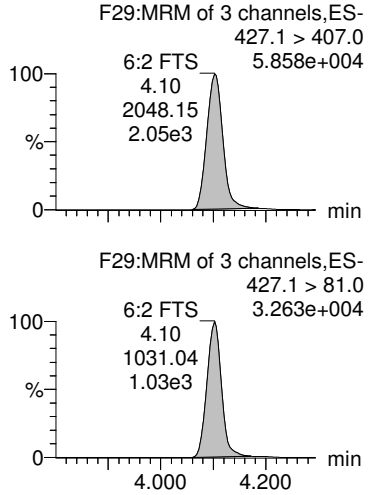
L-PFHxS



Total PFHxS



6:2 FTS



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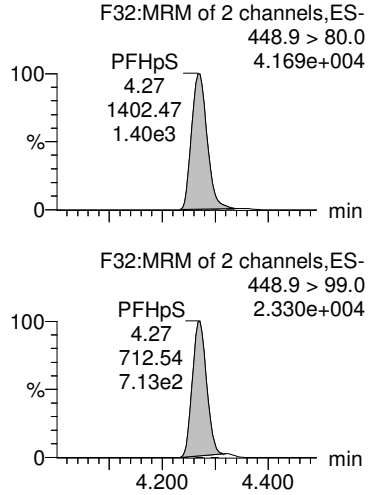

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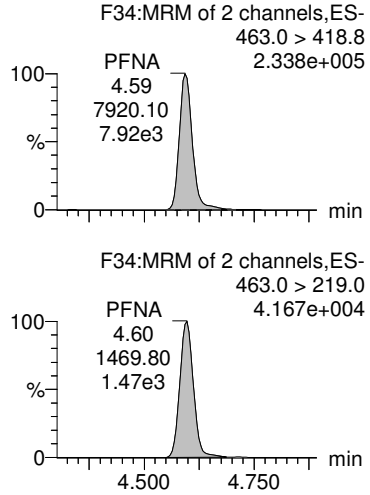

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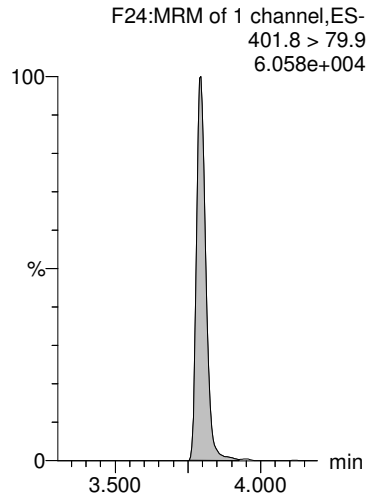

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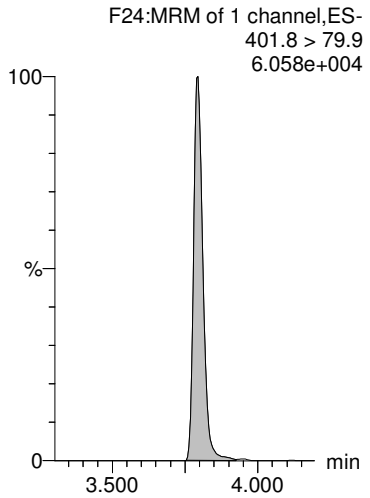

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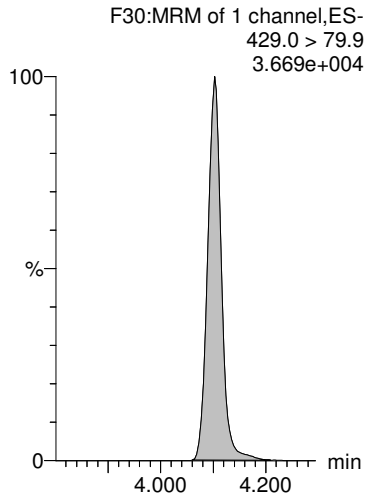

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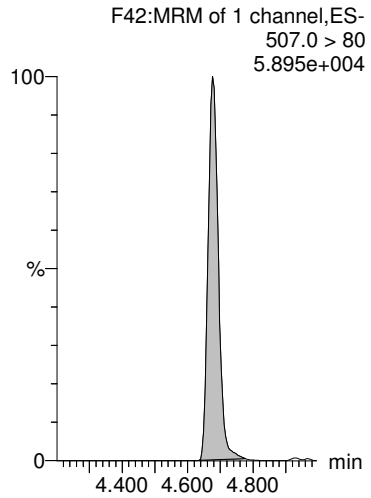

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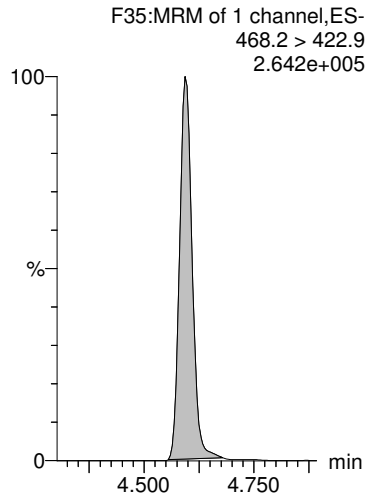

GM 6/5/2020

Review: AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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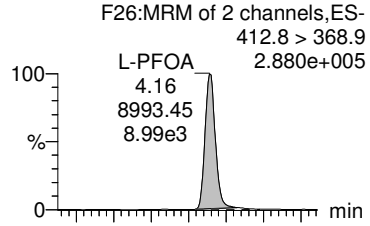
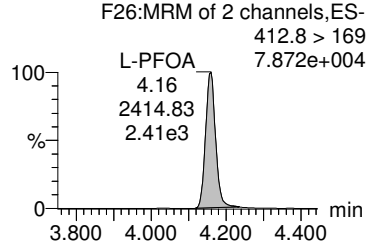
Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

L-PFOA





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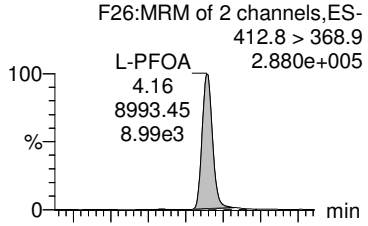
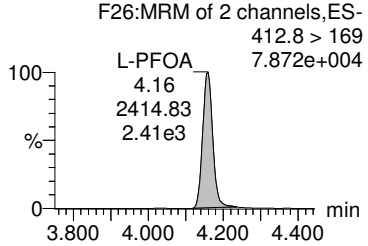
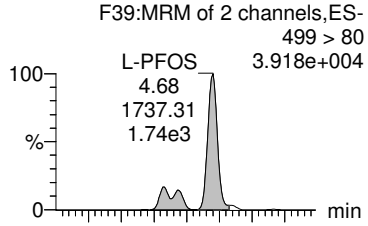
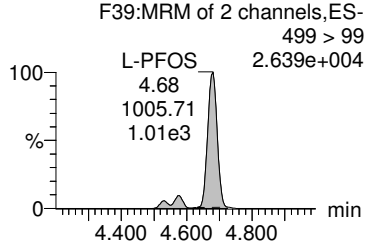


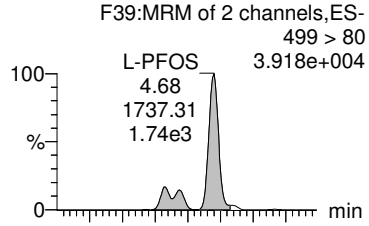


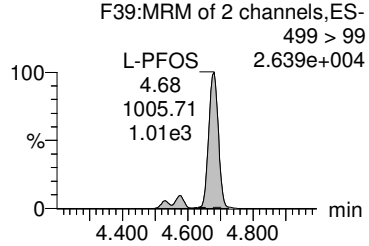
L-PFOS



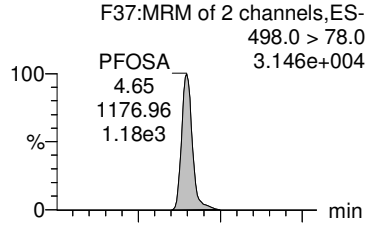


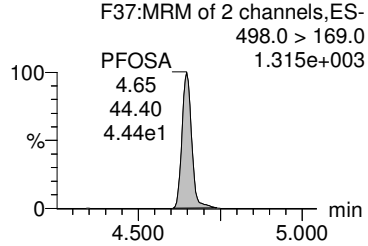
Total PFOS



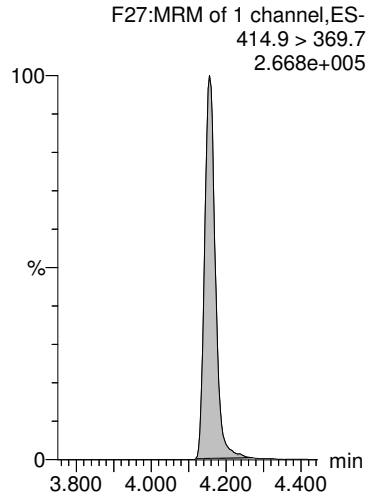


PFOSA





13C2-PFOA-EIS



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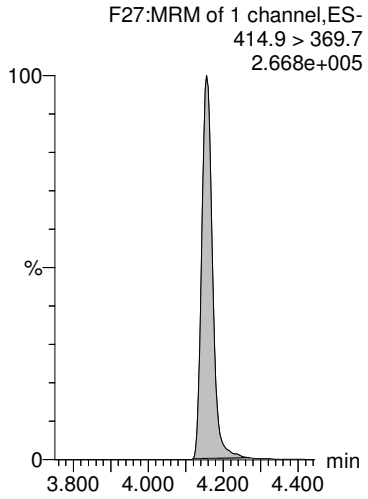
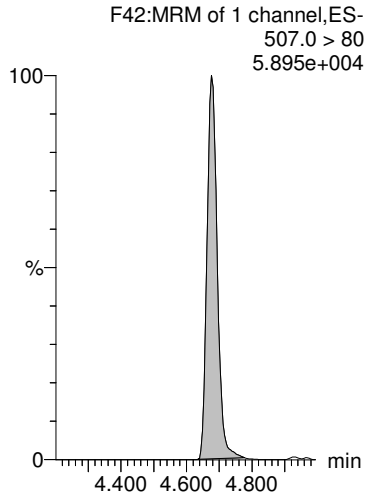


13C8-PFOS-EIS



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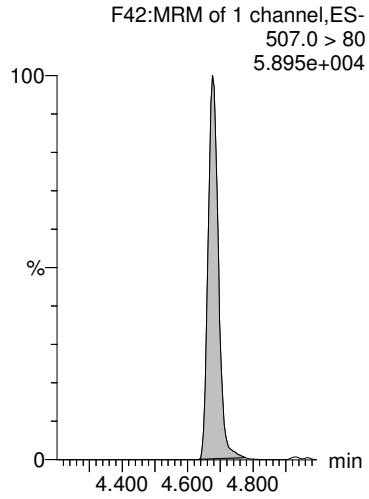

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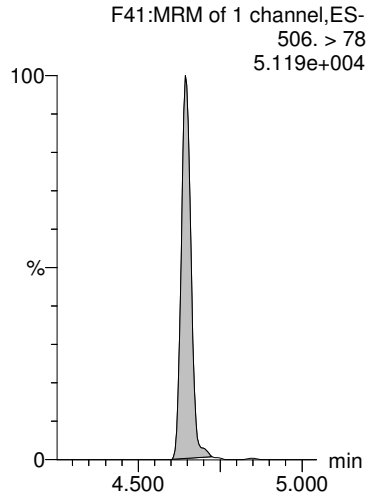

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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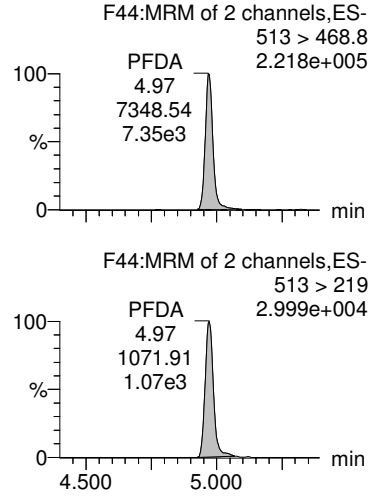
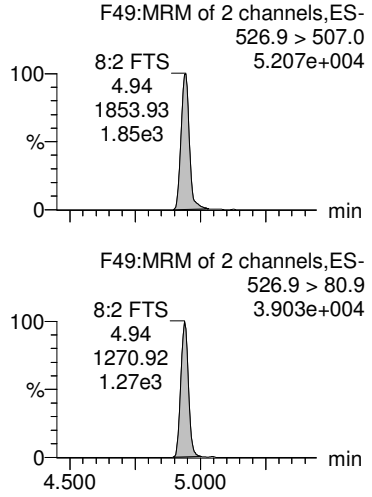
Printed: Friday, June 05, 2020 17:28:35 Pacific Daylight Time

Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

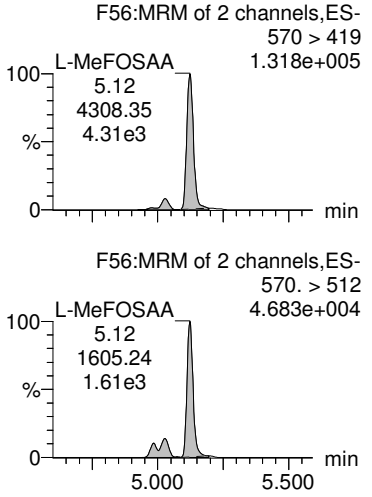
PFDA



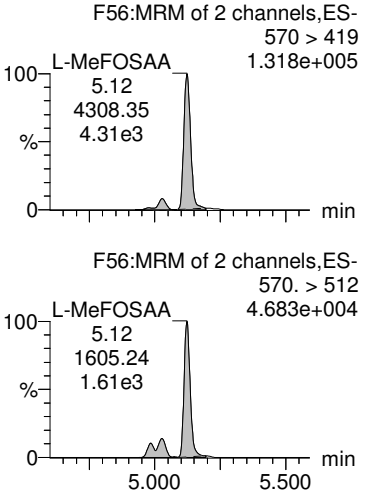
8:2 FTS



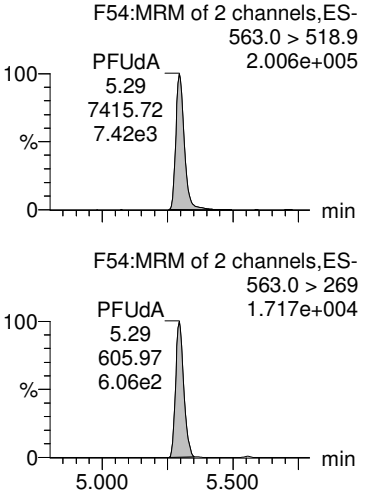
L-MeFOSAA



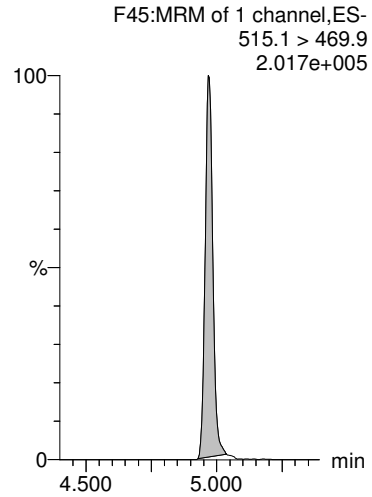
Total N-MeFOSAA



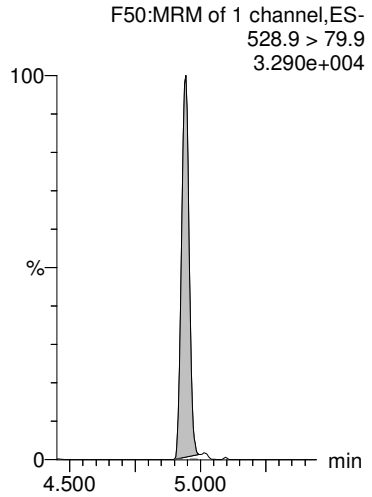
PFUdA



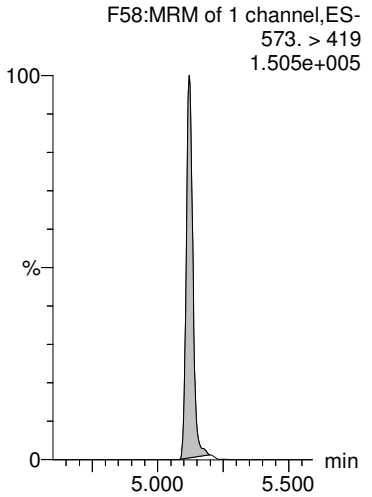
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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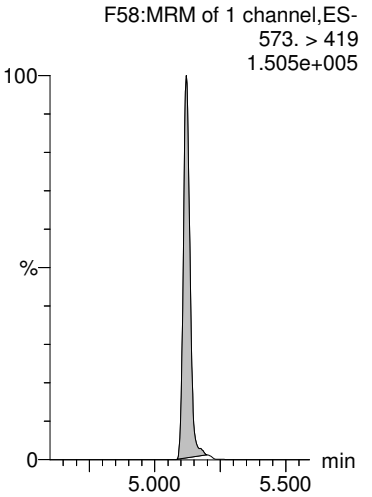

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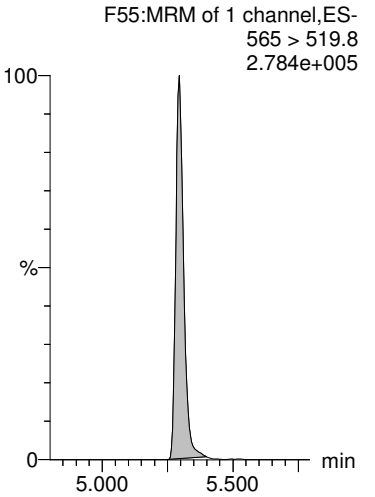

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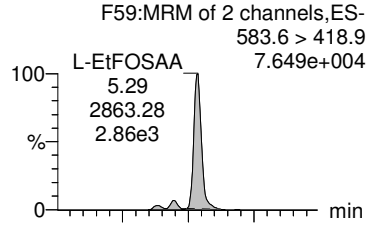
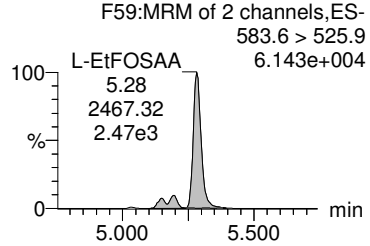
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:35 Pacific Daylight Time

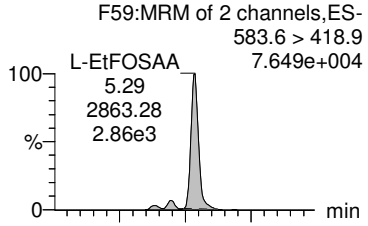
Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

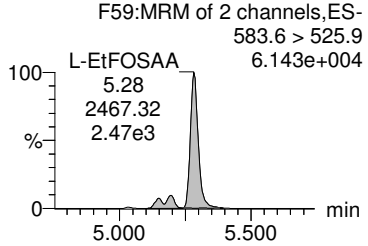
L-EtFOSAA



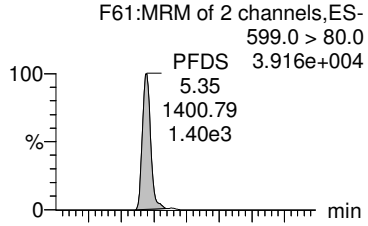


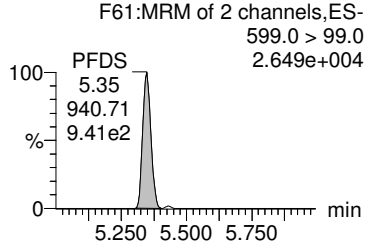
Total N-EtFOSAA



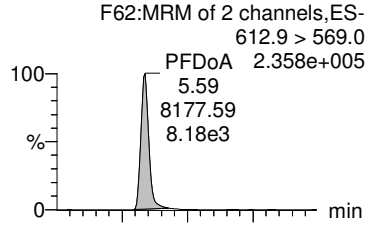


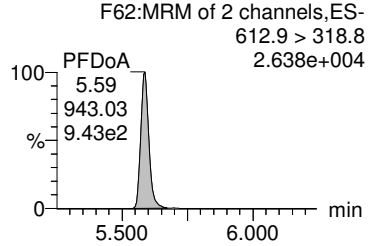
PFDS





PFDoA





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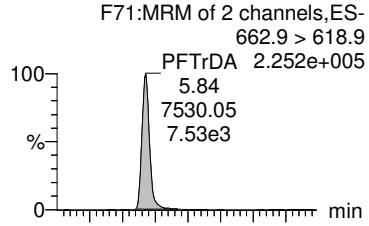
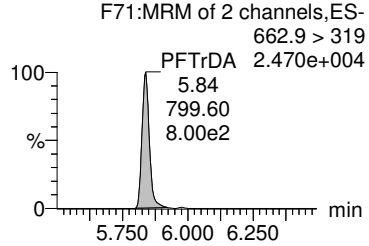
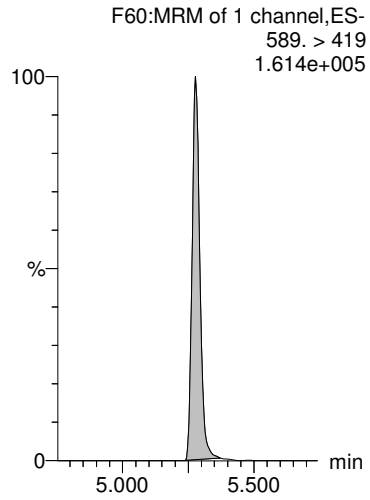




d5-N-EtFOSAA-EIS



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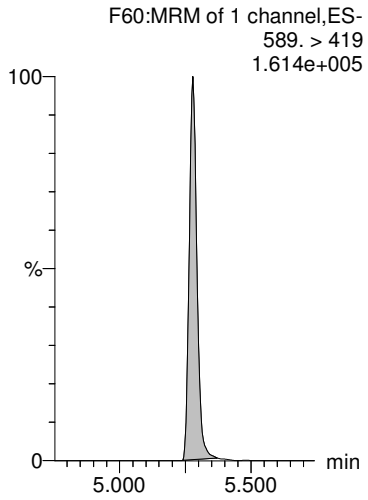
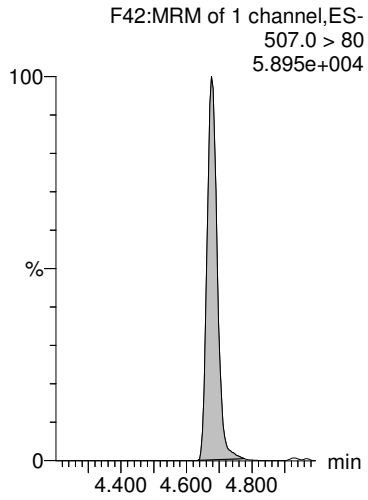
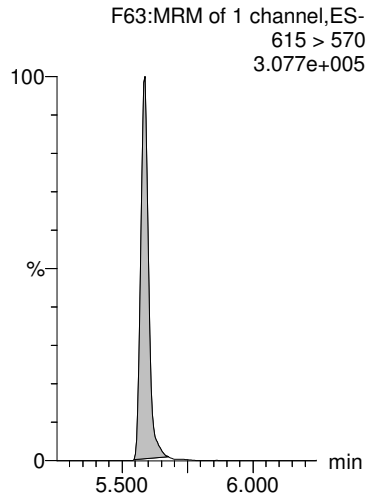


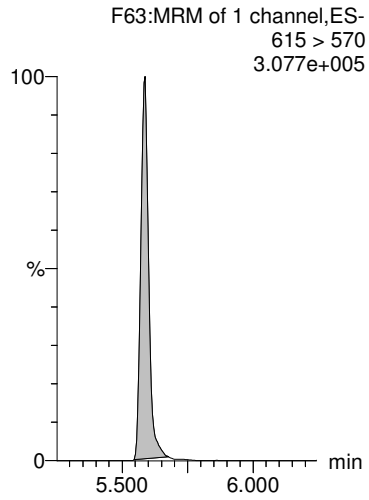
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS



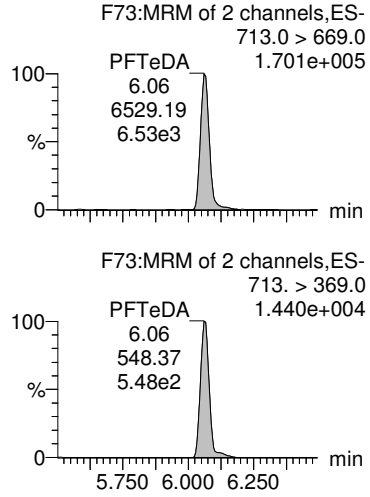
GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

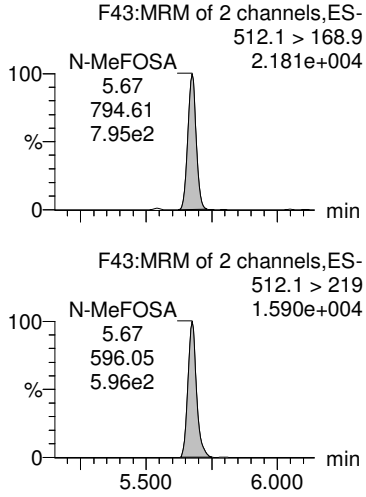
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:35 Pacific Daylight Time

Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

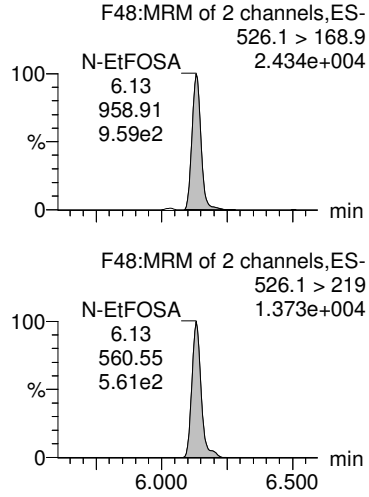
PFTeDA



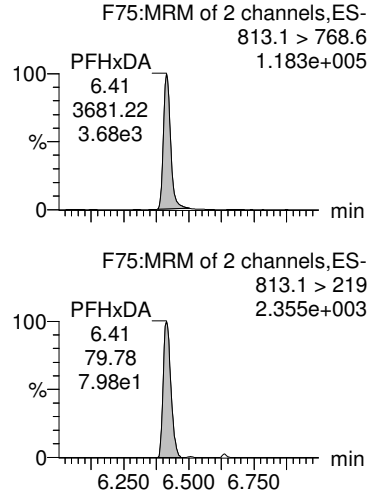
N-MeFOSA



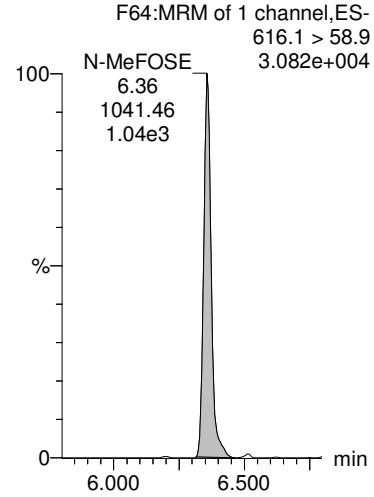
N-EtFOSA



PFHxDA



N-MeFOSE



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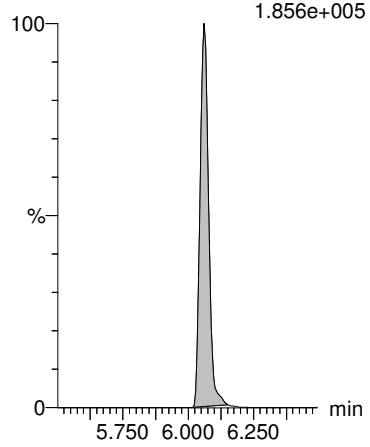
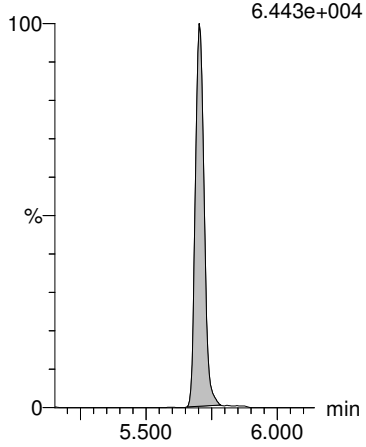
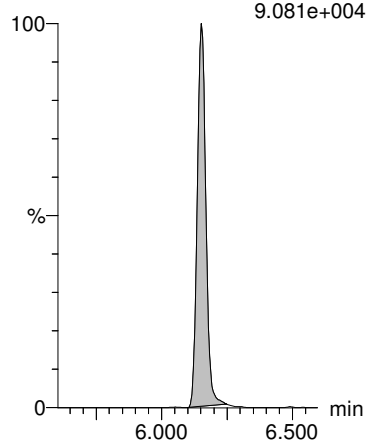


d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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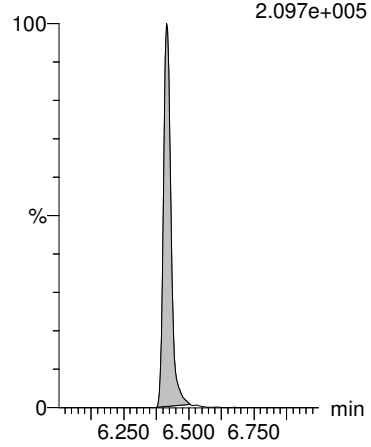
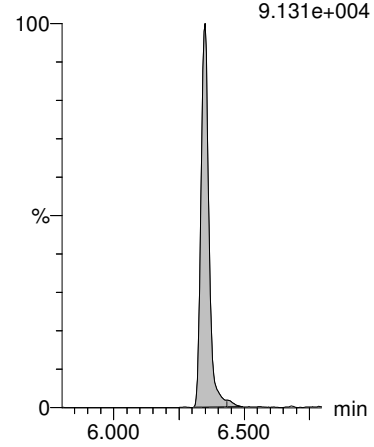


d7-N-MeFOSE-EIS



Vista Analytical Laboratory L26

Review: AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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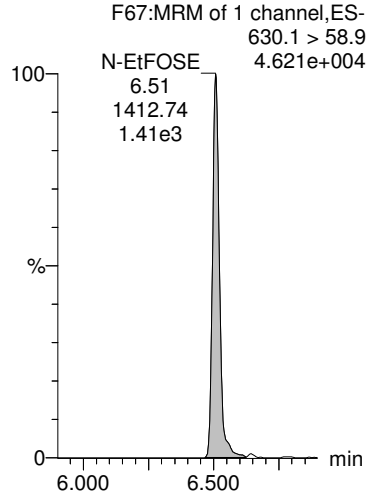
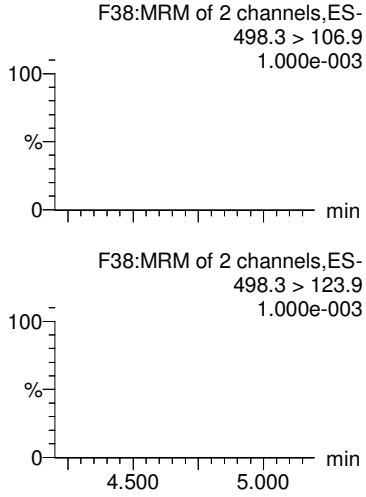
Printed: Friday, June 05, 2020 17:28:35 Pacific Daylight Time

Name: 200602M2_65, Date: 03-Jun-2020, Time: 03:20:53, ID: B0E0170-MS1 Matrix Spike 0.11362, Description: Matrix Spike

N-EtFOSE



TDCA



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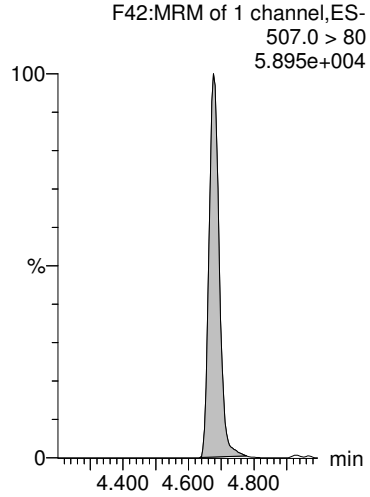

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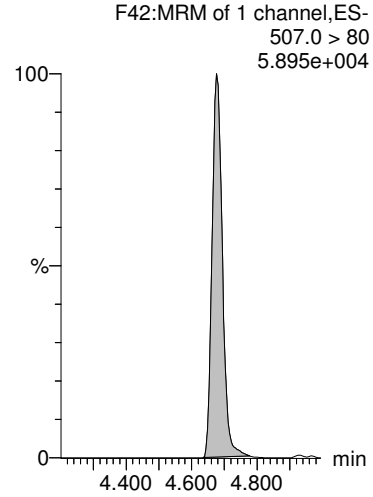
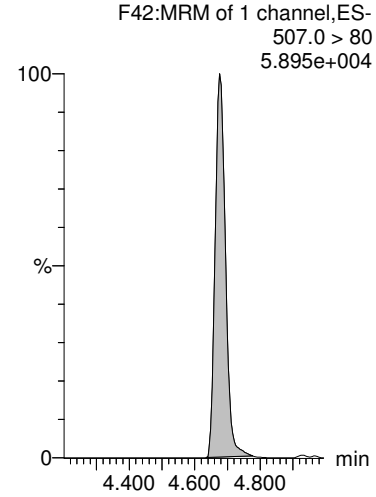


13C8-PFOS-EIS



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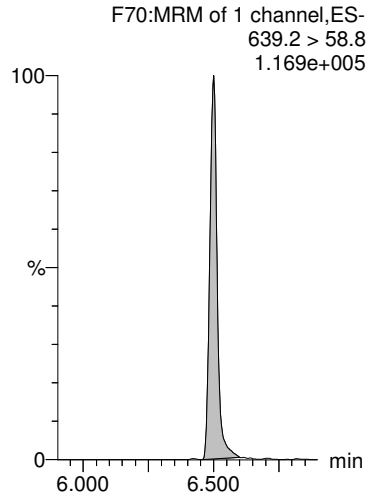

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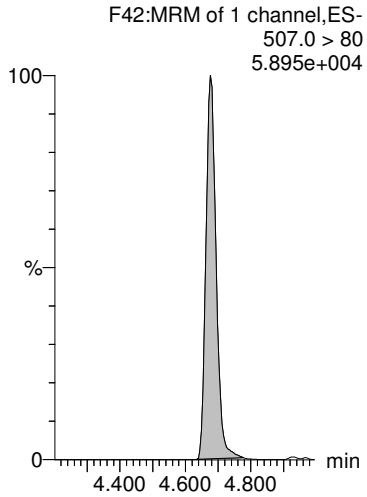

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:38 Pacific Daylight Time

Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	7.85e1	7.86e1	0.111		1.30	1.30	12.5	86.4164			
2	4	PFPeA	263.1 > 218.9	9.78e2	1.21e3	0.111		2.24	2.24	10.1	90.4983			
3	5	PFBS	299.0 > 79.7	1.17e3	7.07e2	0.111		2.52	2.52	20.7	87.9959		2.45	NO
4	7	PFHxA	313.0 > 269.0	4.72e3	6.04e3	0.111		3.05	3.04	9.77	87.7697		17.4	NO
5	11	PFHpA	363.0 > 318.9	4.00e3	4.27e3	0.111		3.65	3.65	11.7	83.4930		12.4	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	7.86e1		0.111	174.310	1.30	1.30	78.6	4.0623	3.6		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.21e3		0.111	355.452	2.24	2.24	1210	30.7303	27.3		
8	51	13C3-PFBS-EIS	302.0 > 99	7.07e2		0.111	74.705	2.52	2.52	707	85.2381	75.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.04e3		0.111	673.292	3.04	3.05	6040	80.8324	71.8		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.27e3		0.111	418.493	3.79	3.65	4270	91.8506	81.5		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.65e3	2.28e3	0.111		3.79	3.79	9.05	82.8415		1.57	NO
13	1...	Total PFHxS	399 > 80	1.65e3	2.28e3	0.111		3.83		9.05	82.8415			
14	15	6:2 FTS	427.1 > 407.0	2.33e3	1.09e3	0.111		4.10	4.10	26.7	90.0360		2.14	NO
15	19	PFHpS	448.9 > 80.0	1.58e3	2.33e3	0.111		4.29	4.27	8.48	95.7719		2.38	NO
16	21	PFNA	463.0 > 418.8	6.81e3	8.21e3	0.111		4.59	4.59	10.4	79.3439		4.56	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.28e3		0.111	185.544	3.80	3.79	2280	110.9019	98.5		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.28e3		0.111	185.544	3.80	3.79	2280	110.9019	98.5		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.09e3		0.111	101.130	4.19	4.10	1090	97.3333	86.4		
20	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.21e3		0.111	674.136	4.80	4.59	8210	109.7281	97.4		
22	-1													
23	16	L-PFOA	412.8 > 368.9	8.35e3	8.31e3	0.111		4.15	4.15	12.6	79.7235		3.56	NO
24	1...	Total PFOA	412.8 > 368.9	8.35e3	8.31e3	0.111		4.20		12.6	79.7235			
25	23	L-PFOS	499 > 80	1.78e3	2.33e3	0.111		4.68	4.68	9.53	101.7136		1.99	NO
26	1...	Total PFOS	499 > 80	1.78e3	2.33e3	0.111		4.73		9.53	101.7136			
27	22	PFOSA	498.0 > 78.0	1.12e3	1.43e3	0.111		4.65	4.65	9.78	79.8714		29.8	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.31e3		0.111	778.175	4.30	4.15	8310	96.2236	85.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.31e3		0.111	778.175	4.30	4.15	8310	96.2236	85.4		
30	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		
31	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		
32	67	13C8-PFOSA-EIS	506. > 78	1.43e3		0.111	231.112	4.76	4.65	1430	55.9430	49.7		
33	-1													
34	26	PFDA	513 > 468.8	7.19e3	7.28e3	0.111		4.97	4.97	12.4	85.5327		5.88	NO
35	27	8:2 FTS	526.9 > 507.0	1.84e3	1.09e3	0.111		4.94	4.94	21.1	79.8647		1.67	NO
36	29	L-MeFOSAA	570 > 419	3.83e3	5.39e3	0.111		5.12	5.12	8.88	78.9028		2.64	NO

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:38 Pacific Daylight Time

Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	3.83e3	5.39e3	0.111		5.17		8.88	78.9028			
38	33	PFUdA	563.0 > 518.9	7.38e3	1.09e4	0.111		5.30	5.30	8.46	84.5026		13.2	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	7.28e3		0.111	717.399	5.10	4.97	7280	91.4158	81.2		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.09e3		0.111	107.927	4.98	4.94	1090	91.0410	80.8		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.39e3		0.111	596.470	5.13	5.12	5390	81.3981	72.3		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.39e3		0.111	596.470	5.13	5.12	5390	81.3981	72.3		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.09e4		0.111	1057.423	5.55	5.30	10900	92.8973	82.5		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9	2.14e3	4.49e3	0.111		5.28	5.28	5.96	80.7293		1.02	NO
46	1...	Total N-EtFOSAA	583.6 > 418.9	2.14e3	4.49e3	0.111		5.33		5.96	80.7293			
47	34	PFDS	599.0 > 80.0	1.16e3	2.33e3	0.111		5.30	5.35	6.20	74.7247		1.48	NO
48	37	PFDoA	612.9 > 569.0	8.69e3	9.23e3	0.111		5.59	5.59	11.8	101.0561		9.49	NO
49	39	PFTrDA	662.9 > 618.9	7.55e3	9.23e3	0.111		5.84	5.84	10.2	90.8729		10.6	NO
50	81	d5-N-EtFOSAA-EIS	589. > 419	4.49e3		0.111	475.939	5.43	5.28	4490	84.9213	75.4		
51	81	d5-N-EtFOSAA-EIS	589. > 419	4.49e3		0.111	475.939	5.43	5.28	4490	84.9213	75.4		
52	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		
53	83	13C2-PFDoA-EIS	615 > 570	9.23e3		0.111	1054.715	5.60	5.59	9230	78.8920	70.0		
54	83	13C2-PFDoA-EIS	615 > 570	9.23e3		0.111	1054.715	5.60	5.59	9230	78.8920	70.0		
55	-1													
56	41	PFTeDA	713.0 > 669.0	8.46e3	6.59e3	0.111		6.07	6.06	16.1	103.4480		12.4	NO
57	38	N-MeFOSA	512.1 > 168.9	6.95e2	1.86e3	0.111		5.69	5.67	55.7	491.6532		1.54	NO
58	42	N-EtFOSA	526.1 > 168.9	7.26e2	2.66e3	0.111		6.13	6.13	40.7	438.1372		1.41	NO
59	43	PFHxDA	813.1 > 768.6	4.31e3	9.37e3	0.111		6.41	6.41	5.74	84.0542		37.0	NO
60	45	N-MeFOSE	616.1 > 58.9	8.33e2	3.00e3	0.111		6.35	6.36	41.4	342.9052			
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.59e3		0.111	886.344	6.08	6.07	6590	66.9567	59.4		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.86e3		0.111	84.837	5.72	5.70	1860	197.8519	14.7		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.66e3		0.111	127.429	6.16	6.15	2660	188.0095	14.0		
64	93	13C2-PFHxDA-EIS	815 > 769.7	9.37e3		0.111	1186.125	6.62	6.41	9370	71.2098	63.2		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.00e3		0.111	66.928	6.35	6.35	3000	404.4481	30.1		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	1.34e3	3.49e3	0.111		6.50	6.51	57.2	438.9308			
68	1...	TDCA	498.3>106.9			0.111		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		
70	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		
71	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.49e3		0.111	73.193	6.51	6.50	3490	429.2354	31.9		

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.33e3		0.111	212.650	4.95	4.68	2330	98.8376	87.7		

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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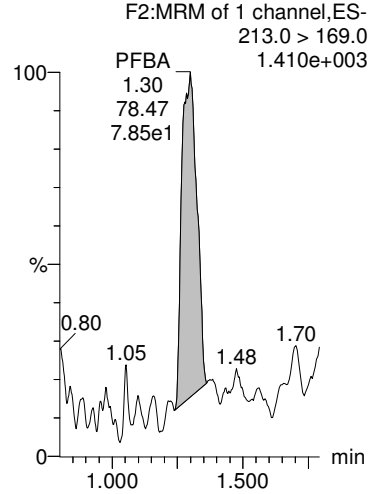
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

PFBA



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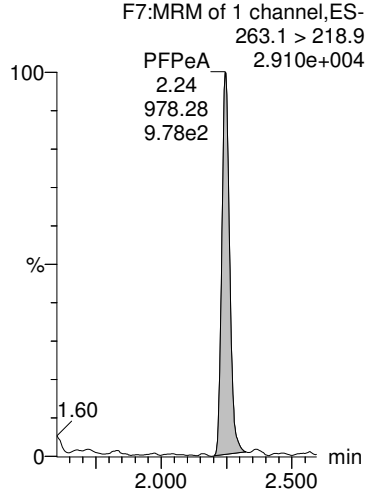

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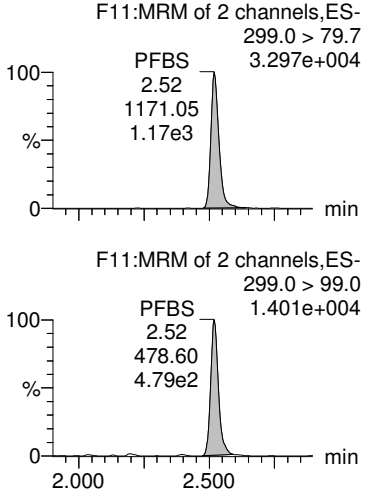

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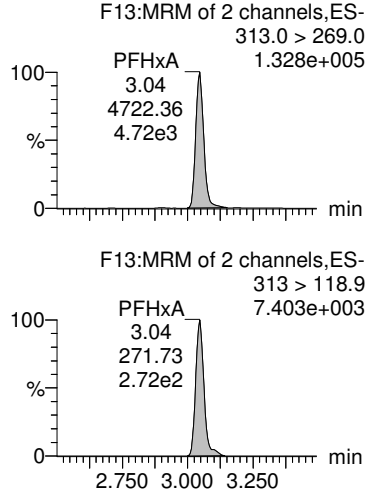

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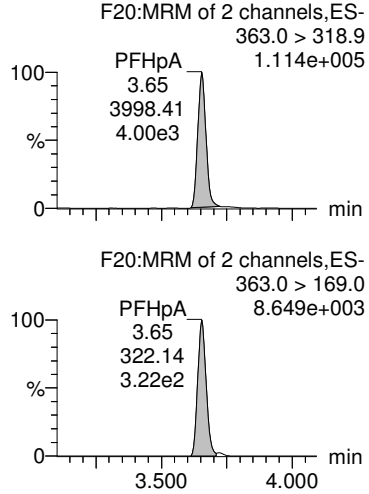

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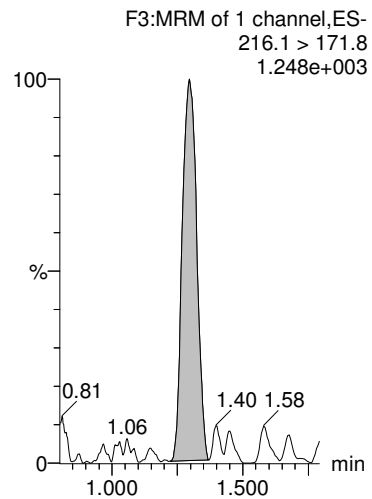

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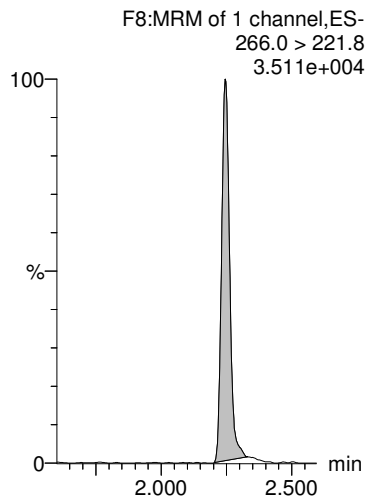

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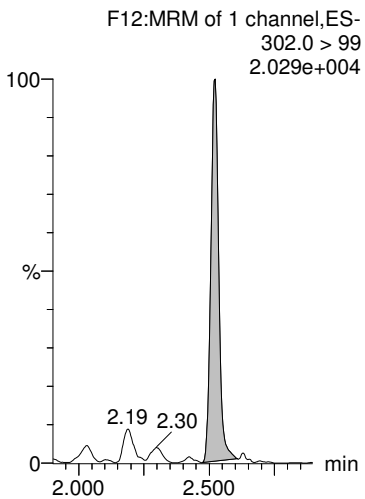

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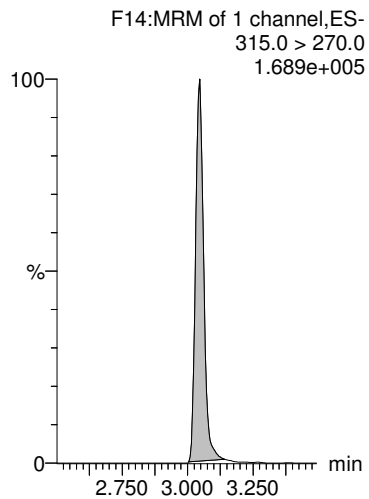

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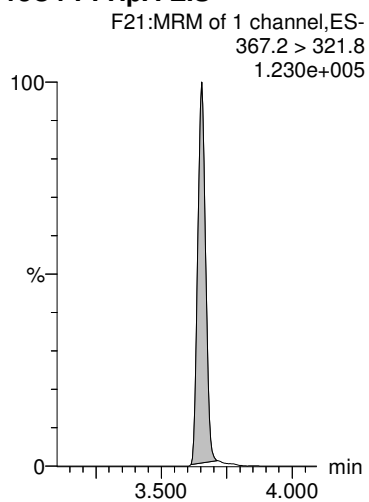

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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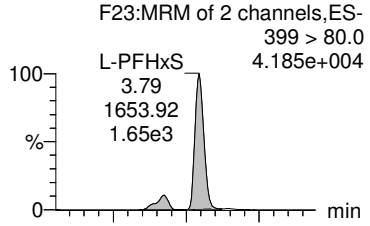
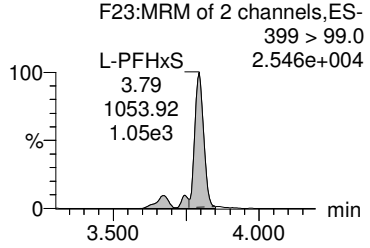
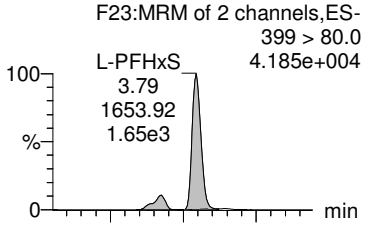
Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

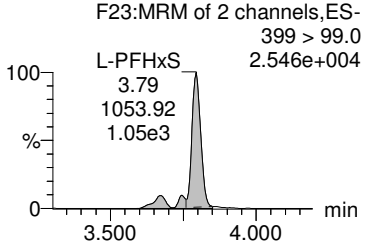
L-PFHxS



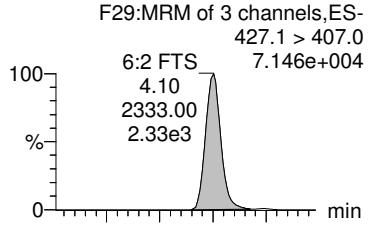


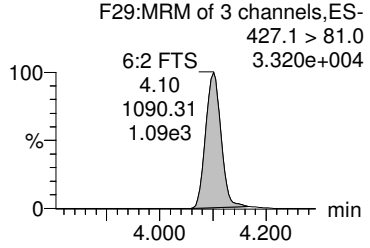
Total PFHxS





6:2 FTS





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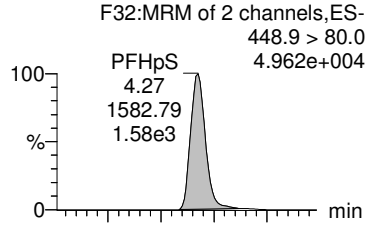
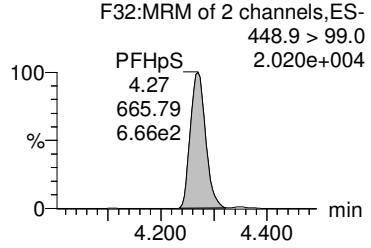
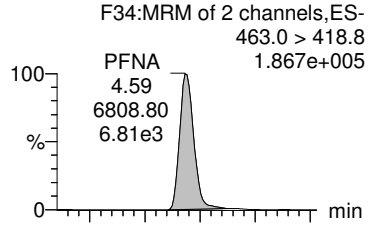
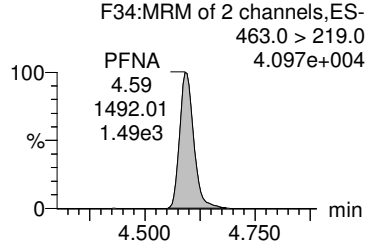


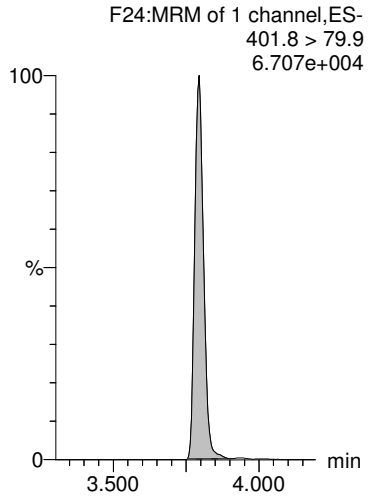


PFNA

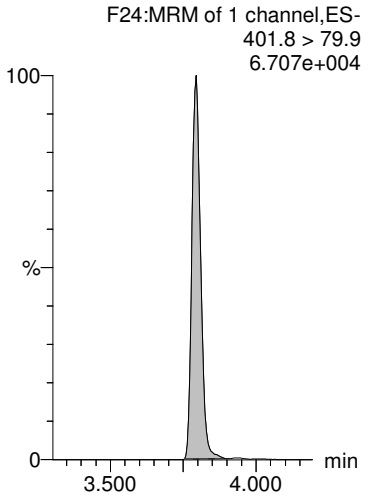




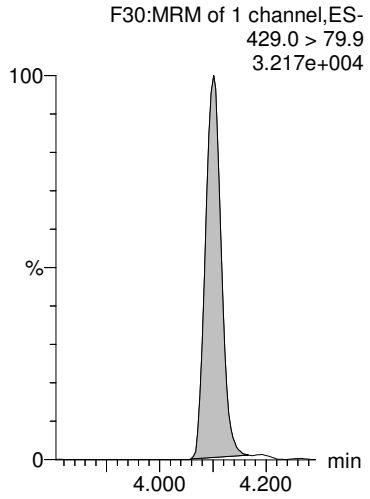
13C3-PFHxS-EIS



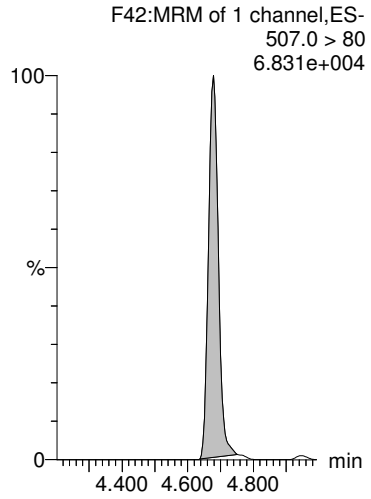
13C3-PFHxS-EIS



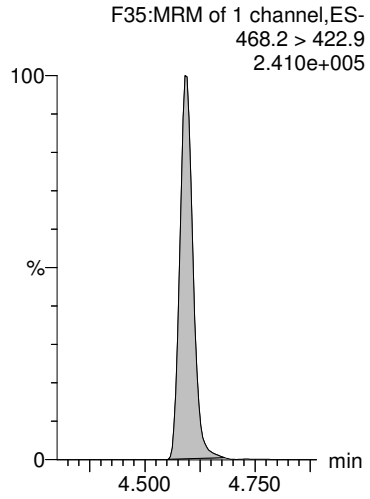
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

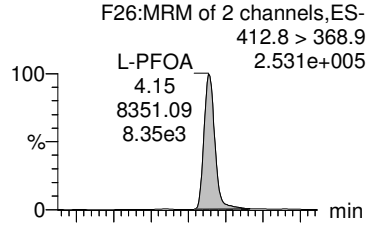


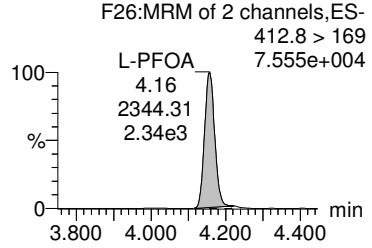
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:38 Pacific Daylight Time

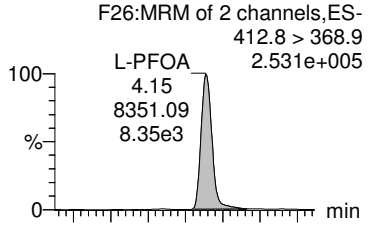
Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

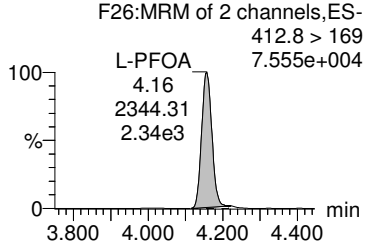
L-PFOA



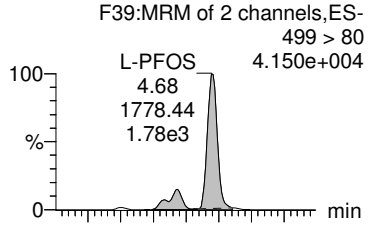


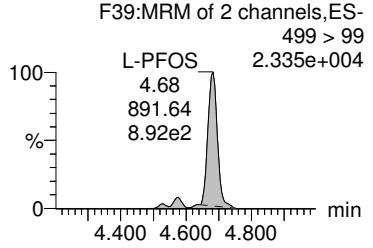
Total PFOA



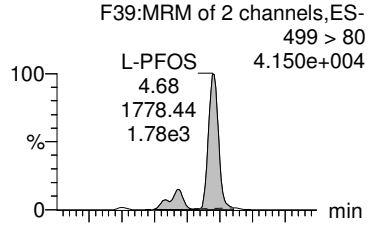


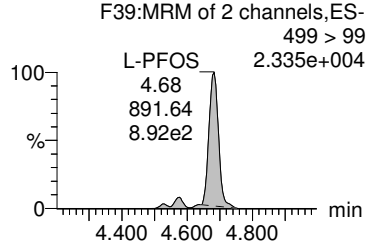
L-PFOS



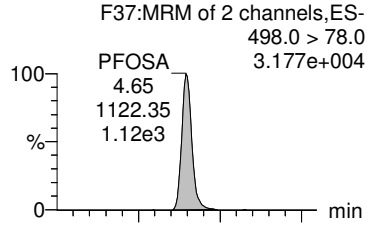


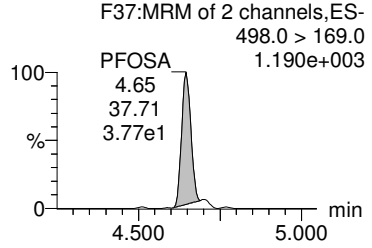
Total PFOS



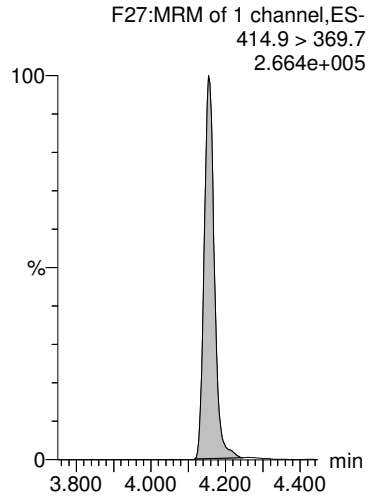


PFOSA

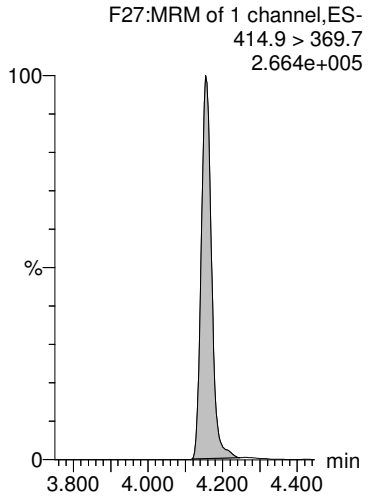




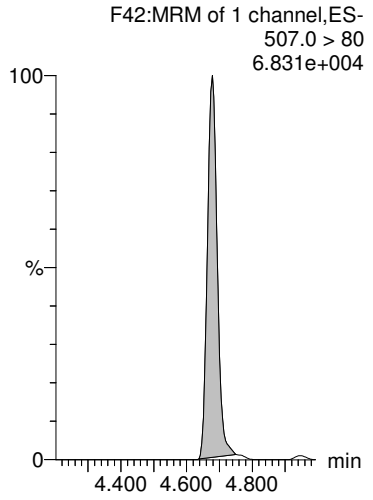
13C2-PFOA-EIS



13C2-PFOA-EIS



13C8-PFOS-EIS



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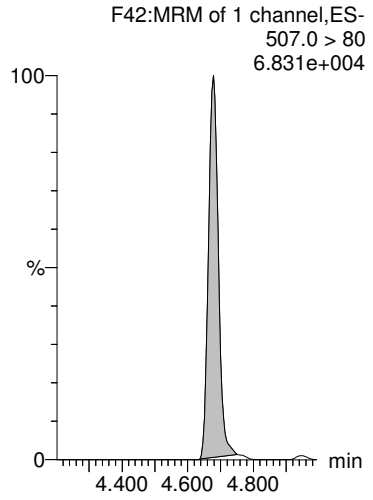
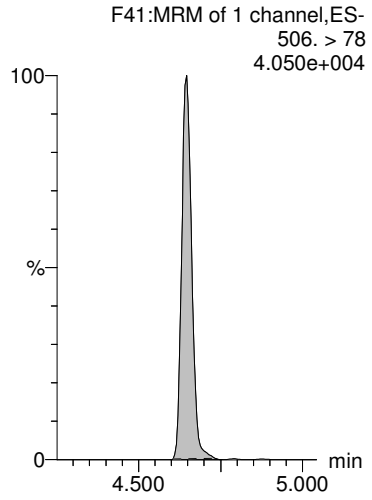


13C8-PFOSA-EIS



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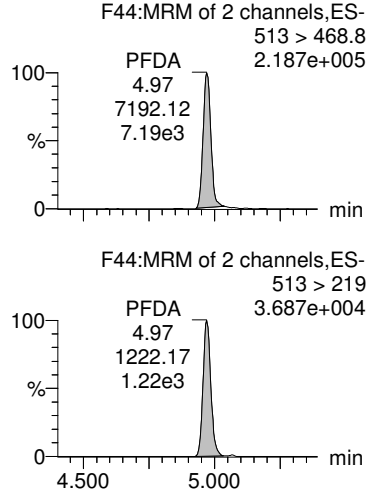
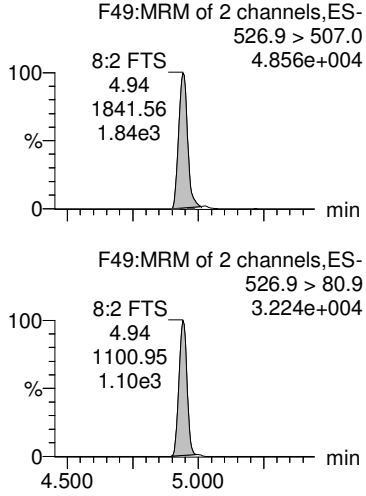
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:38 Pacific Daylight Time

Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

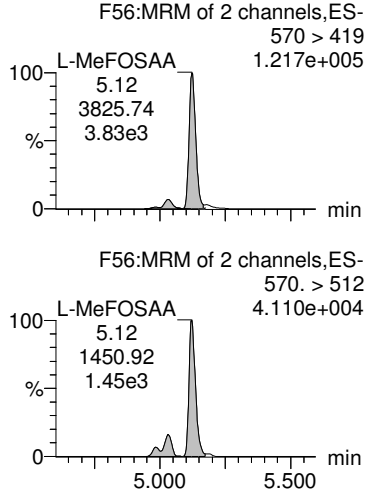
PFDA



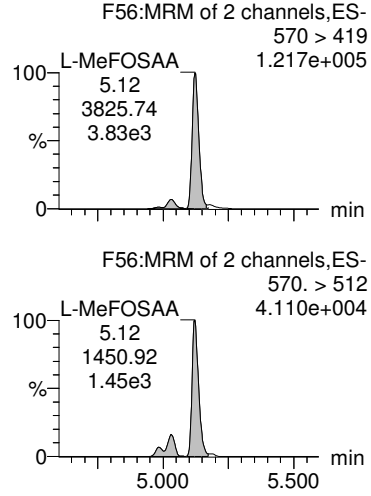
8:2 FTS



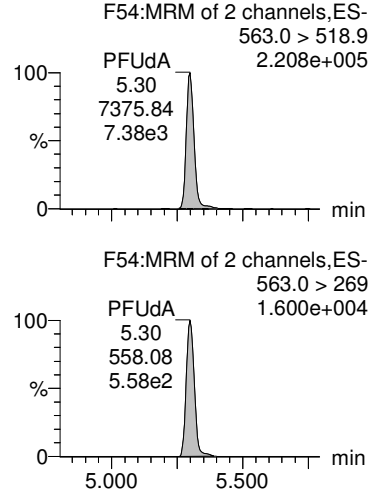
L-MeFOSAA



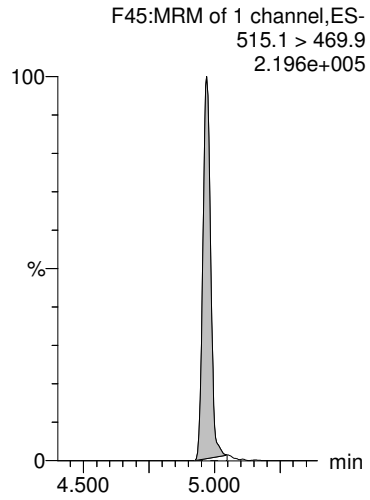
Total N-MeFOSAA



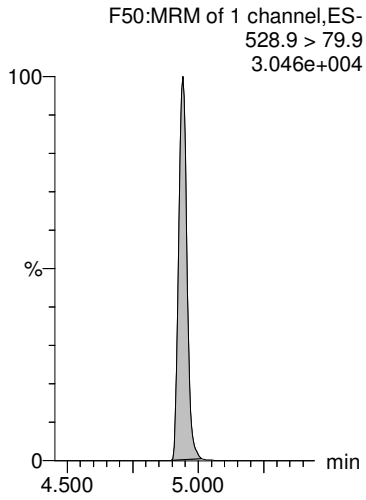
PFUdA



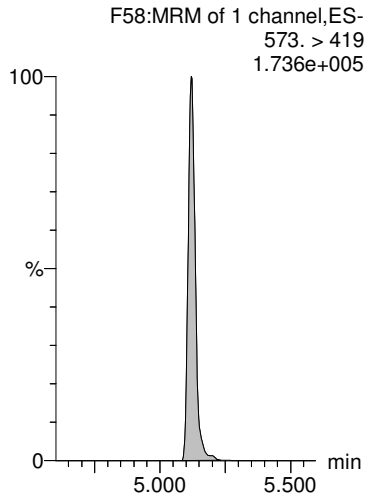
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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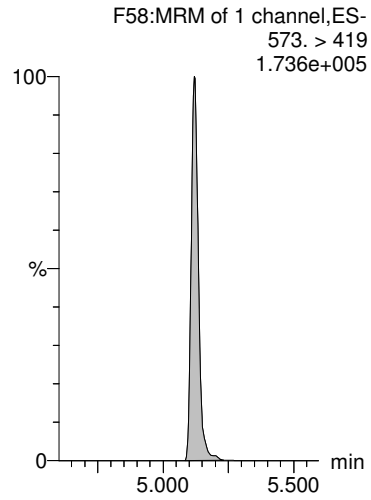
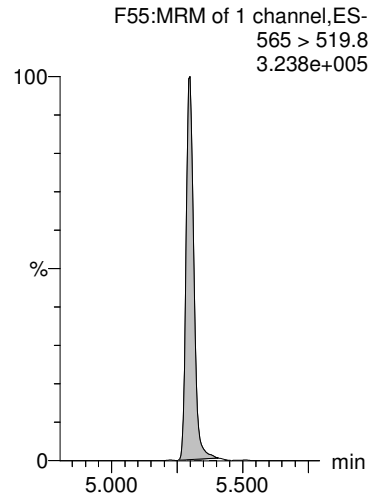


13C2-PFUdA-EIS



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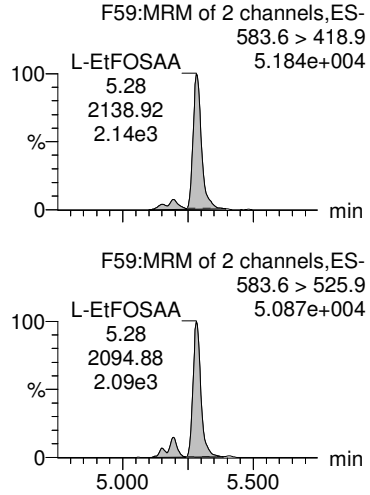
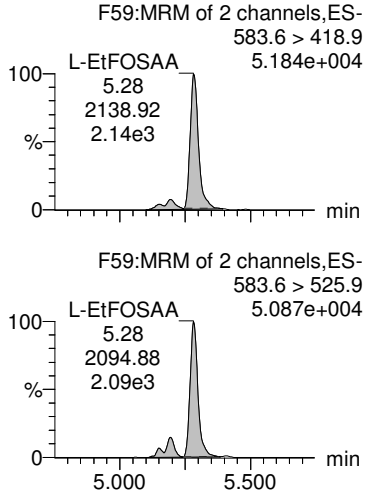
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:38 Pacific Daylight Time

Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

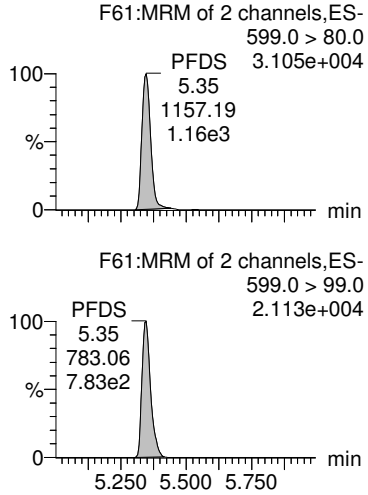
L-EtFOSAA



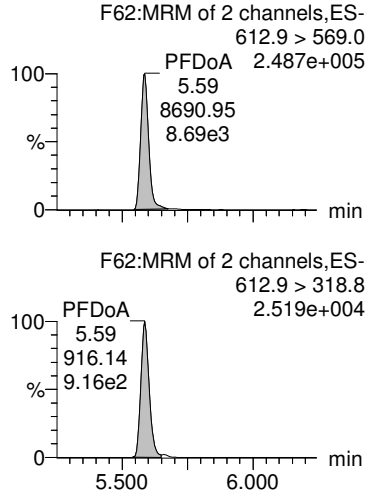
Total N-EtFOSAA



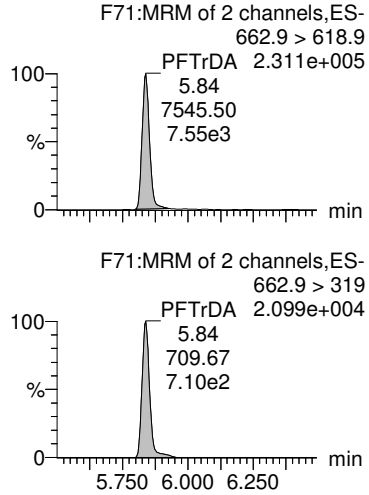
PFDS



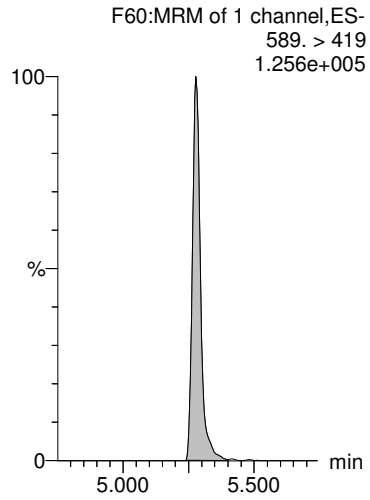
PFDoA



PFTrDA



d5-N-EtFOSAA-EIS



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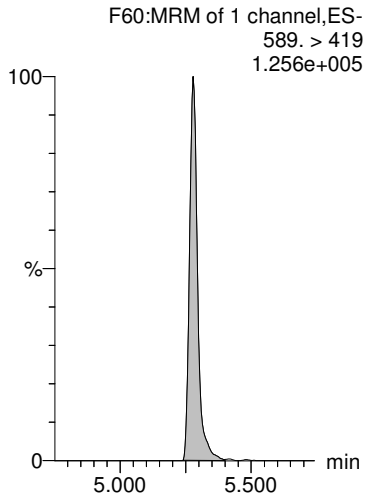
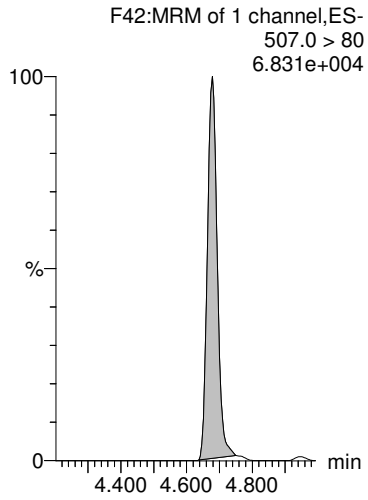
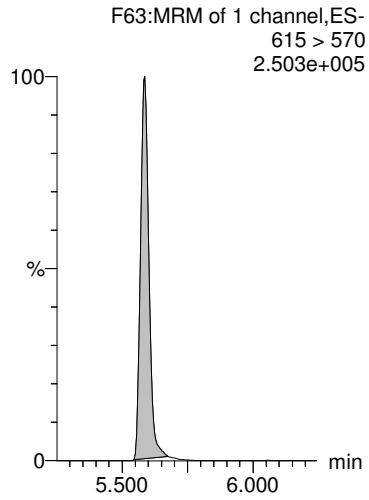


13C8-PFOS-EIS



13C2-PFDoA-EIS



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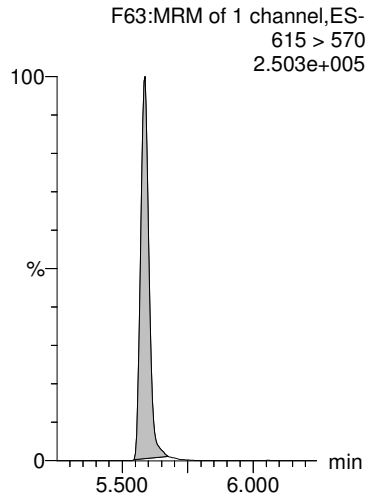

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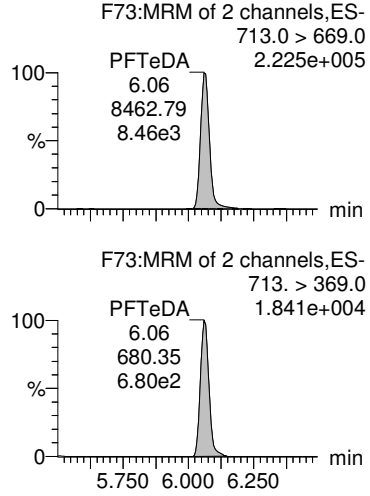
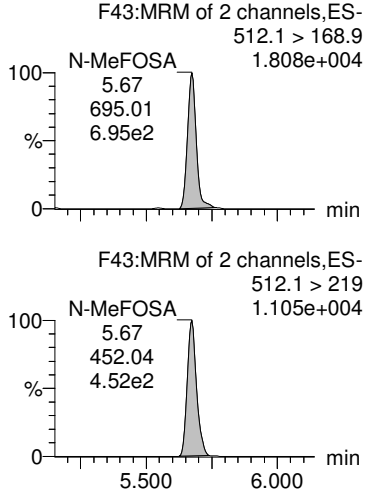
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:38 Pacific Daylight Time

Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

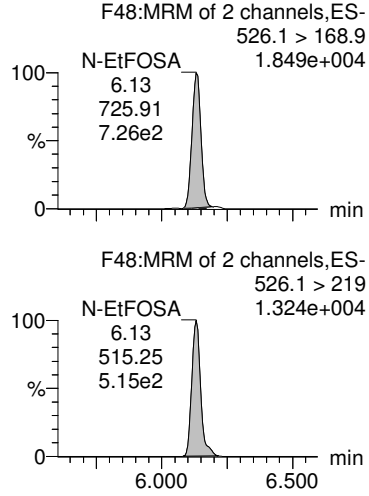
PFTeDA



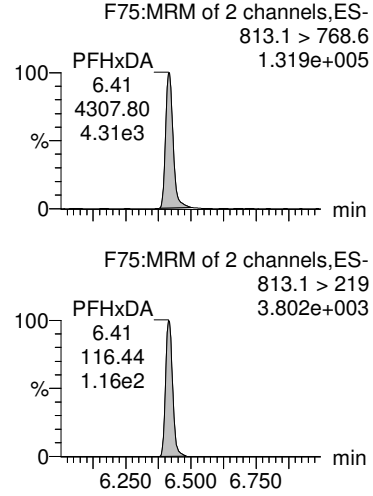
N-MeFOSA



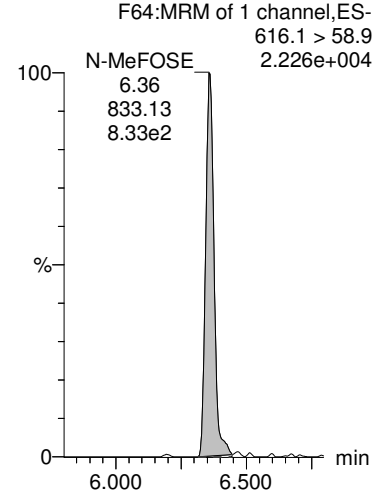
N-EtFOSA



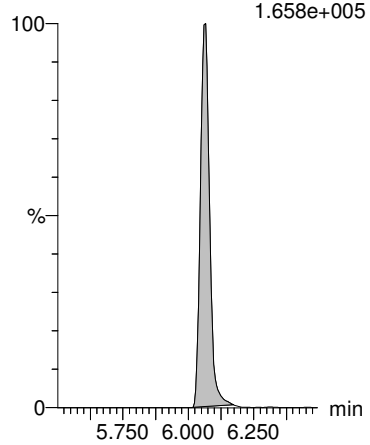
PFHxDA



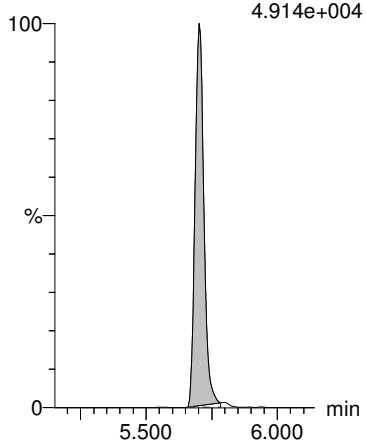
N-MeFOSE



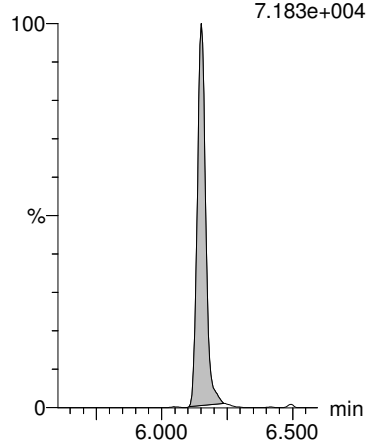
13C2-PFTeDA-EIS



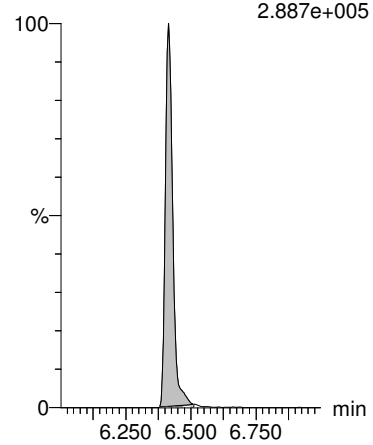
d3-N-MeFOSA-EIS



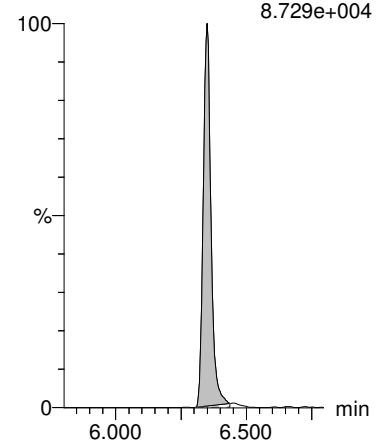
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS

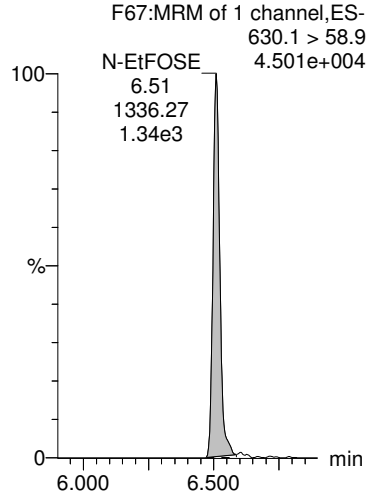


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

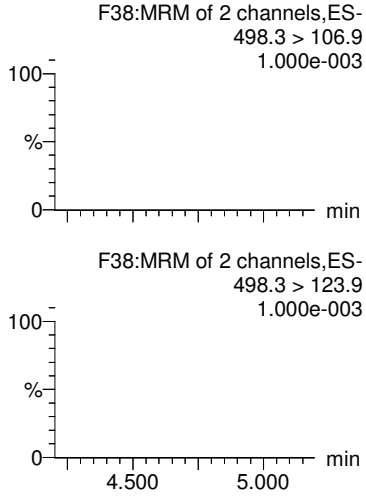
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:28:38 Pacific Daylight Time

Name: 200602M2_66, Date: 03-Jun-2020, Time: 03:31:18, ID: B0E0170-MSD1 Matrix Spike Dup 0.11097, Description: Matrix Spike Dup

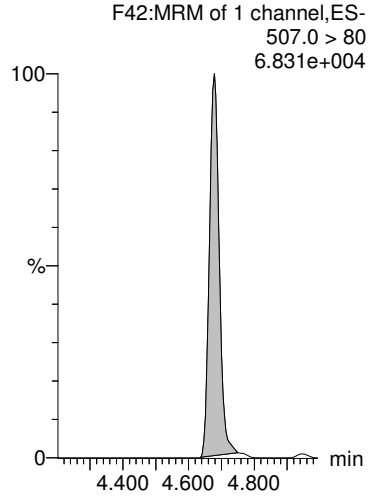
N-EtFOSE



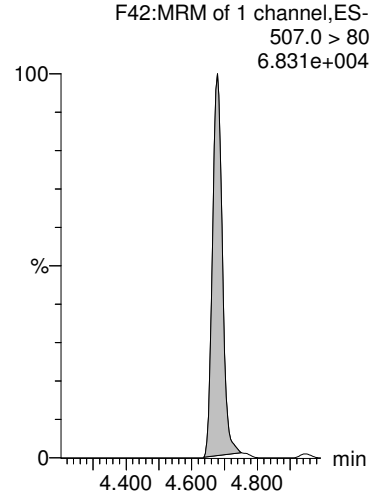
TDCA



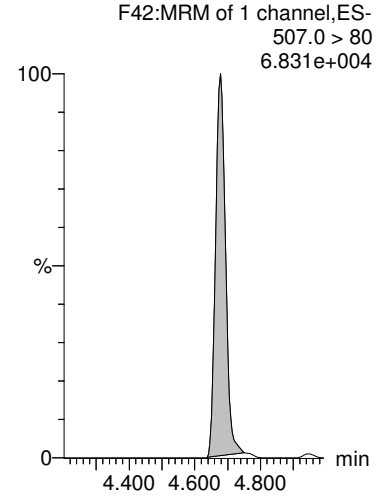
13C8-PFOS-EIS



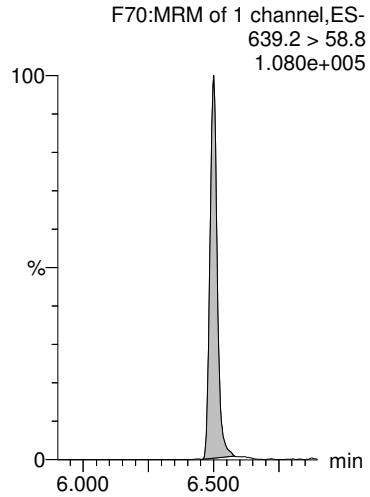
13C8-PFOS-EIS



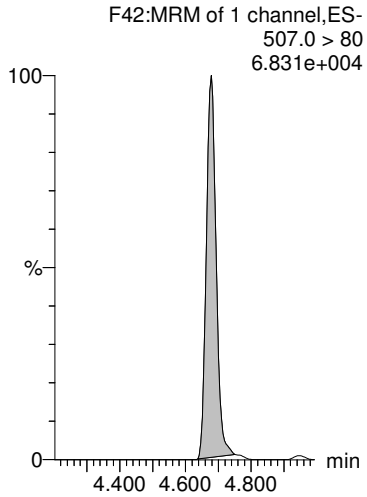
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-69.qld

Last Altered: Wednesday, June 10, 2020 11:13:32 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:13:59 Pacific Daylight Time

Name: 200608M1_69, Date: 09-Jun-2020, Time: 02:48:40, ID: B0F0036-MS1 Matrix Spike 0.11342, Description: Matrix Spike

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9	1252.023	3591.260	0.113		5.55	52.016	418.180		NO	1.439	NO
2	42	N-EtFOSA	526.1 > 168.9	1491.281	5002.482	0.113		5.98	44.478	438.335		NO	1.545	NO
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3591.260		0.113	73.791	5.57	3591.260	429.098	32.6	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5002.482		0.113	115.260	5.99	5002.482	382.664	29.1	YES		

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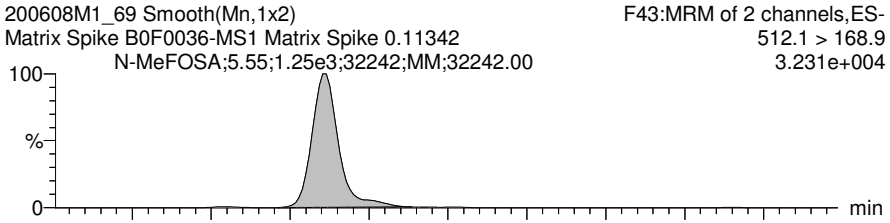
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-69.qld

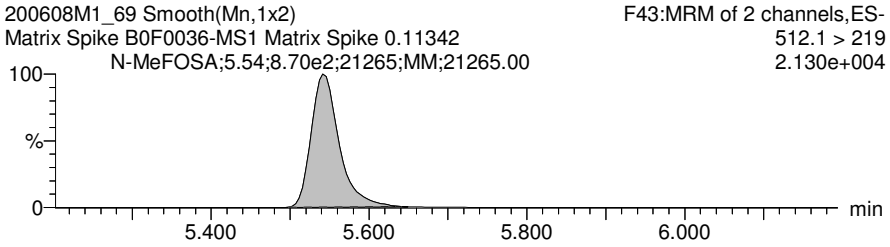
Last Altered: Wednesday, June 10, 2020 11:13:32 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:13:59 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

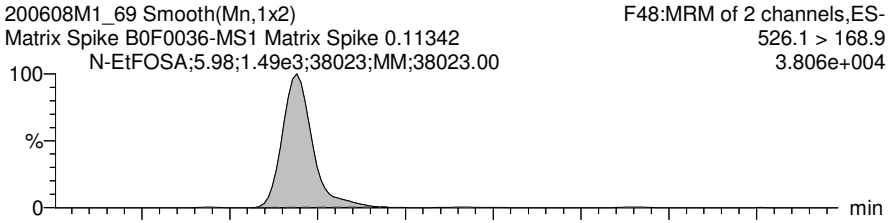
Name: 200608M1_69, Date: 09-Jun-2020, Time: 02:48:40, ID: B0F0036-MS1 Matrix Spike 0.11342, Description: Matrix Spike

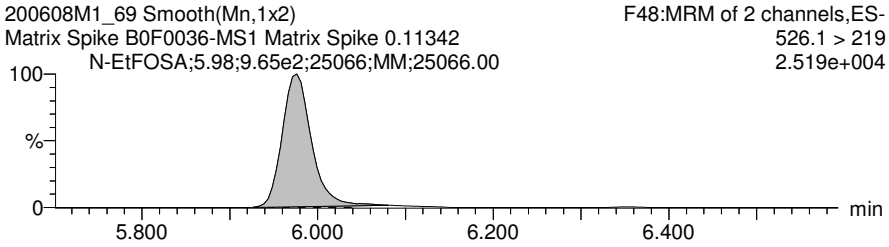
N-MeFOSA



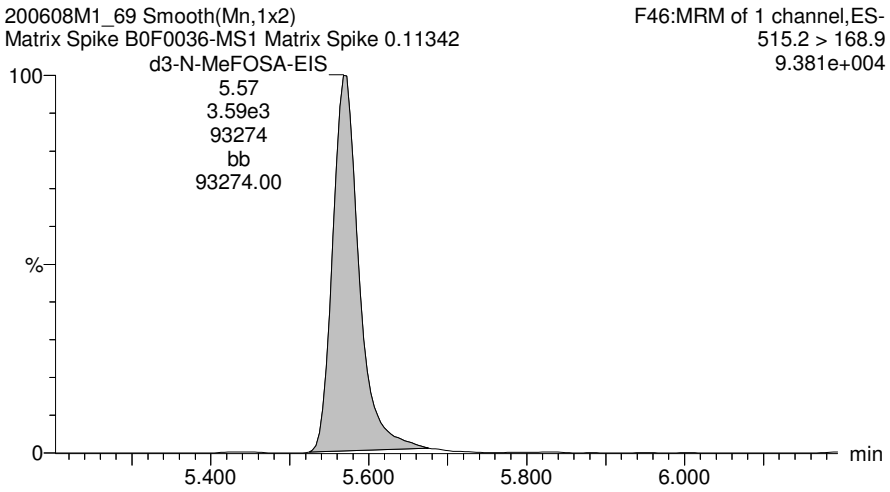


N-EtFOSA

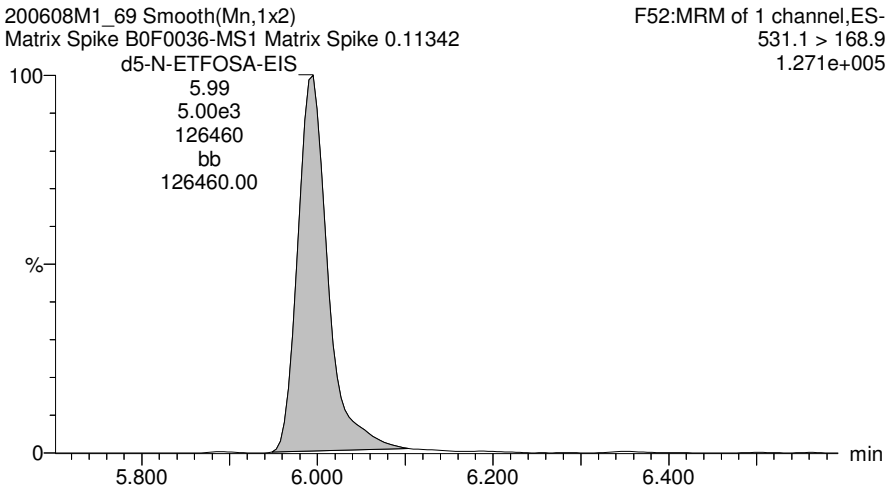




d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



AMR 6/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-70.qld

Last Altered: Wednesday, June 10, 2020 11:15:18 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:15:43 Pacific Daylight Time

Name: 200608M1_70, Date: 09-Jun-2020, Time: 02:59:02, ID: B0F0036-MSD1 Matrix Spike Dup 0.11425, Description: Matrix Spike Dup

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9	1183.365	3370.196	0.114		5.55	52.388	418.110		NO	1.445	NO
2	42	N-EtFOSA	526.1 > 168.9	1412.353	4800.747	0.114		5.97	43.894	429.422		NO	1.533	NO
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3370.196		0.114	73.791	5.57	3370.196	399.759	30.6	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4800.747		0.114	115.260	5.99	4800.747	364.565	27.9	YES		

AMR 6/10/2020

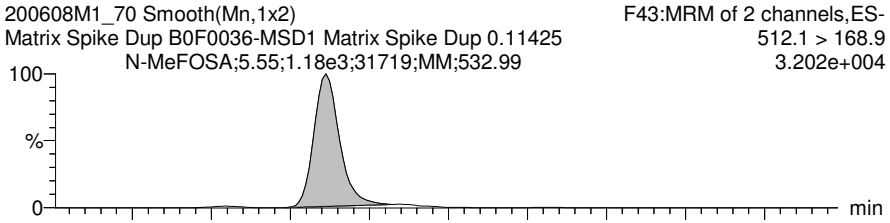
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-70.qld

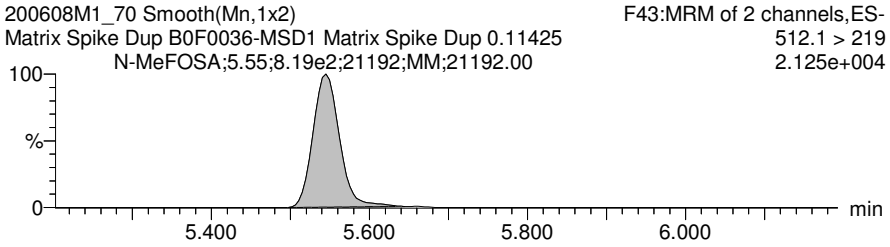
Last Altered: Wednesday, June 10, 2020 11:15:18 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:15:43 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

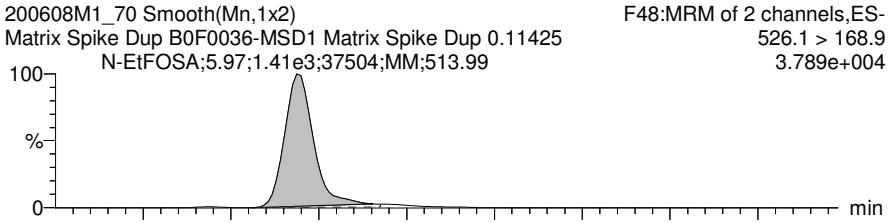
Name: 200608M1_70, Date: 09-Jun-2020, Time: 02:59:02, ID: B0F0036-MSD1 Matrix Spike Dup 0.11425, Description: Matrix Spike Dup

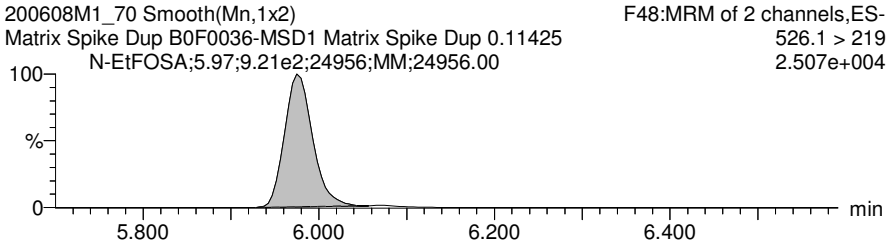
N-MeFOSA



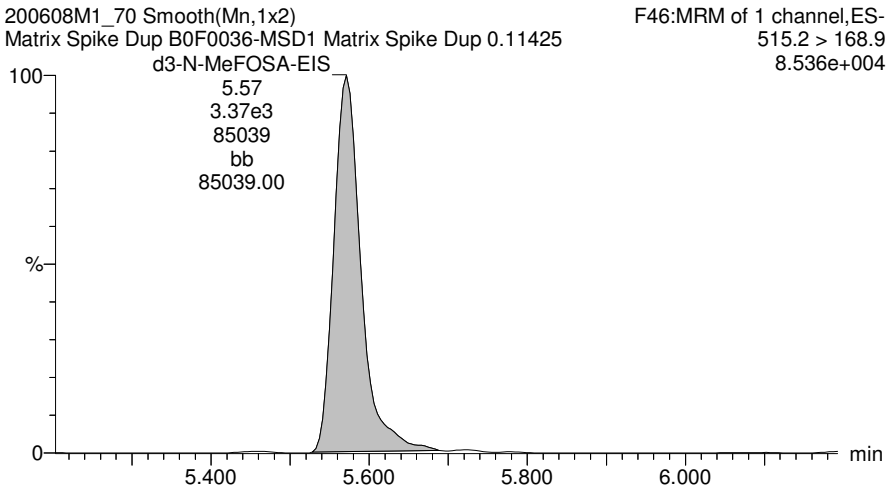


N-EtFOSA

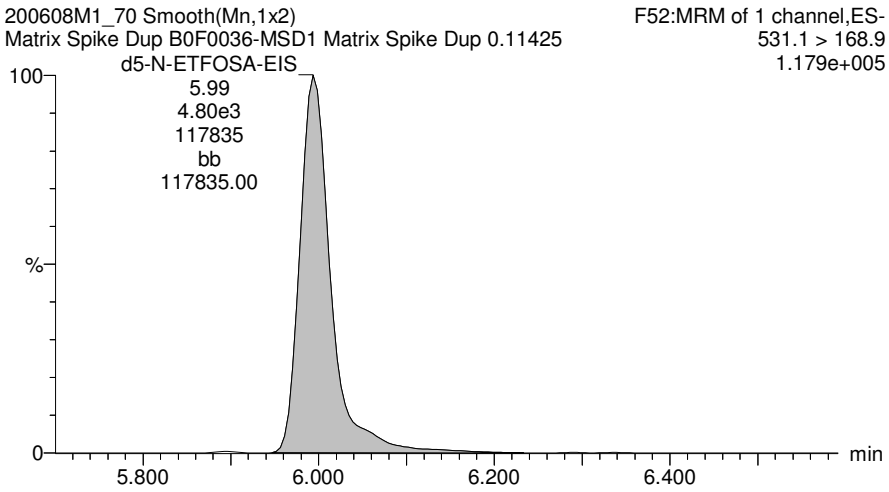




d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



AMR 6/10/2020

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MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:37:46 Pacific Daylight Time

Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		7.79e1	0.114		1.30						
2	4	PFPeA	263.1 > 218.9		1.35e3	0.114		2.24						
3	5	PFBS	299.0 > 79.7		7.76e2	0.114		2.52						YES
4	7	PFHxA	313.0 > 269.0		7.12e3	0.114		3.04						YES
5	11	PFHpA	363.0 > 318.9	5.25e1	4.69e3	0.114		3.65	3.65	0.140	0.9441		47.1	YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	7.79e1		0.114	174.310	1.30	1.30	77.9	3.9025	3.6		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.35e3		0.114	355.452	2.24	2.24	1350	33.0770	30.3		
8	51	13C3-PFBS-EIS	302.0 > 99	7.76e2		0.114	74.705	2.52	2.52	776	90.7191	83.1		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.12e3		0.114	673.292	3.04	3.04	7120	92.4174	84.6		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.69e3		0.114	418.493	3.79	3.65	4690	97.9257	89.7		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.24e1	2.48e3	0.114		3.79	3.79	0.0628	0.4508		0.731	YES
13	1...	Total PFHxS	399 > 80	1.24e1	2.48e3	0.114		3.83		0.0628	0.4508			
14	15	6:2 FTS	427.1 > 407.0		8.92e2	0.114		4.10						YES
15	19	PFHpS	448.9 > 80.0		2.60e3	0.114		4.29						YES
16	21	PFNA	463.0 > 418.8		8.55e3	0.114		4.59						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.48e3		0.114	185.544	3.80	3.79	2480	116.5894	106.7		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.48e3		0.114	185.544	3.80	3.79	2480	116.5894	106.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	8.92e2		0.114	101.130	4.19	4.10	892	77.0506	70.5		
20	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.55e3		0.114	674.136	4.80	4.59	8550	110.8699	101.5		
22	-1													
23	16	L-PFOA	412.8 > 368.9	3.74e2	9.63e3	0.114		4.15	4.15	0.486	2.3190		3.05	NO
24	1...	Total PFOA	412.8 > 368.9	3.74e2	9.63e3	0.114		4.20		0.486	2.3190			
25	23	L-PFOS	499 > 80		2.60e3	0.114		4.67						YES
26	1...	Total PFOS	499 > 80	0.00e0	2.60e3	0.114		4.73		0.000				
27	22	PFOSA	498.0 > 78.0	2.31e1	1.30e3	0.114		4.64	4.64	0.223	2.7188		225	YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	9.63e3		0.114	778.175	4.30	4.15	9630	108.1594	99.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	9.63e3		0.114	778.175	4.30	4.15	9630	108.1594	99.0		
30	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		
31	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		
32	67	13C8-PFOSA-EIS	506. > 78	1.30e3		0.114	231.112	4.76	4.64	1300	48.9919	44.9		
33	-1													
34	26	PFDA	513 > 468.8		8.06e3	0.114		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		1.32e3	0.114		4.94						YES
36	29	L-MeFOSAA	570 > 419		6.01e3	0.114		5.12						YES

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:37:46 Pacific Daylight Time

Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	6.01e3	0.114		5.17		0.000				
38	33	PFUdA	563.0 > 518.9	3.45e1	1.22e4	0.114		5.29	5.29	0.0354			10.8	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	8.06e3		0.114	717.399	5.10	4.97	8060	98.1988	89.9		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.32e3		0.114	107.927	4.98	4.94	1320	106.5084	97.5		
41	77	d3-N-MeFOSAA-EIS	573. > 419	6.01e3		0.114	596.470	5.13	5.12	6010	87.9831	80.6		
42	77	d3-N-MeFOSAA-EIS	573. > 419	6.01e3		0.114	596.470	5.13	5.12	6010	87.9831	80.6		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.22e4		0.114	1057.423	5.55	5.29	12200	100.6914	92.2		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		5.79e3	0.114		5.27						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	5.79e3	0.114		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.60e3	0.114		5.30						YES
48	37	PFDoA	612.9 > 569.0		1.21e4	0.114		5.58						YES
49	39	PFTrDA	662.9 > 618.9		1.21e4	0.114		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.79e3		0.114	475.939	5.43	5.27	5790	106.3603	97.4		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.79e3		0.114	475.939	5.43	5.27	5790	106.3603	97.4		
52	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		
53	83	13C2-PFDoA-EIS	615 > 570	1.21e4		0.114	1054.715	5.60	5.58	12100	100.3819	91.9		
54	83	13C2-PFDoA-EIS	615 > 570	1.21e4		0.114	1054.715	5.60	5.58	12100	100.3819	91.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.43e3	0.114		6.05						YES
57	38	N-MeFOSA	512.1 > 168.9		1.81e3	0.114		5.69						YES
58	42	N-EtFOSA	526.1 > 168.9		2.53e3	0.114		6.12						YES
59	43	PFHxDA	813.1 > 768.6	3.75e1	1.06e4	0.114		6.41	6.41	0.0442			48.4	NO
60	45	N-MeFOSE	616.1 > 58.9		2.48e3	0.114		6.34						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.43e3		0.114	886.344	6.08	6.05	8430	83.1378	76.1		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.81e3		0.114	84.837	5.72	5.70	1810	186.5576	14.3		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.53e3		0.114	127.429	6.16	6.14	2530	173.7471	13.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	1.06e4		0.114	1186.125	6.62	6.41	10600	78.1366	71.5		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	2.48e3		0.114	66.928	6.34	6.34	2480	323.9785	24.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		2.79e3	0.114		6.49						
68	1...	TDCA	498.3>106.9			0.114		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		
70	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		
71	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	2.79e3		0.114	73.193	6.51	6.49	2790	333.3887	25.6		

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:37:46 Pacific Daylight Time

Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.60e3		0.114	212.650	4.95	4.67	2600	106.9758	97.9		

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
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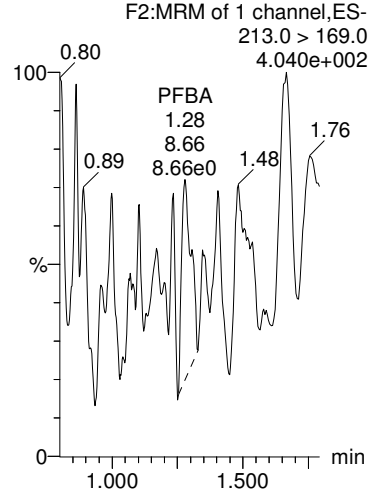
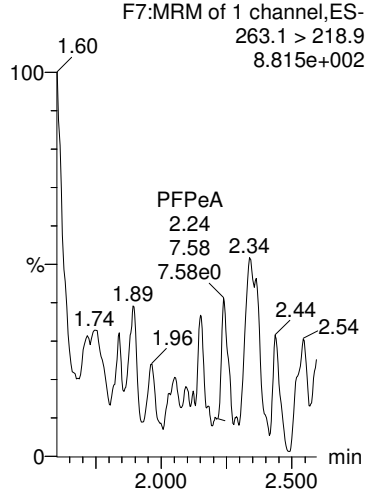
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

PFBA



PFPeA



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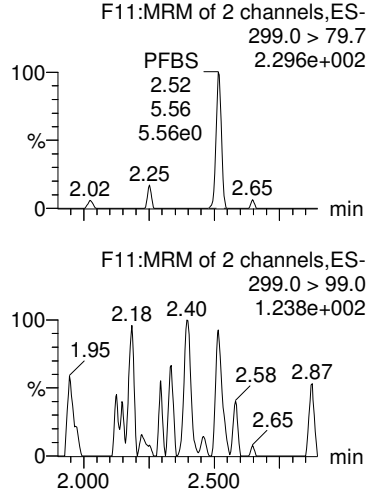

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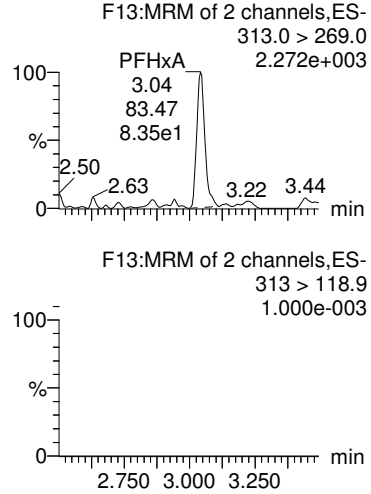

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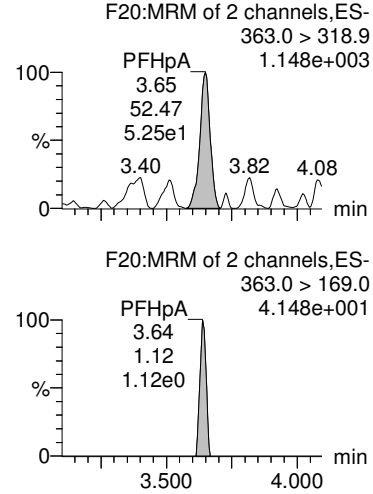
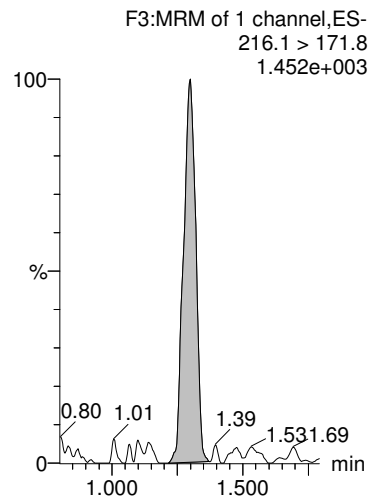


13C3-PFBA-EIS



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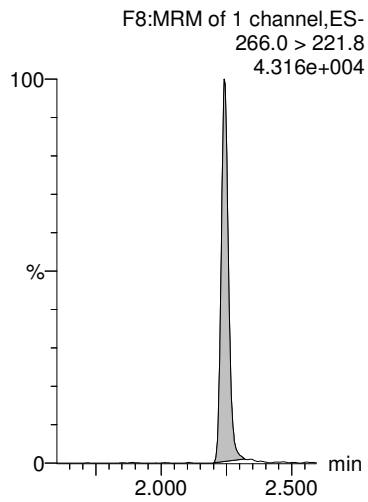

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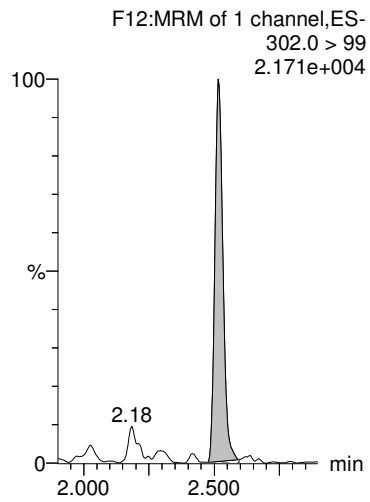

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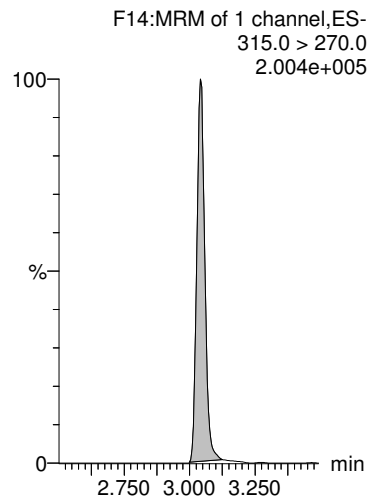

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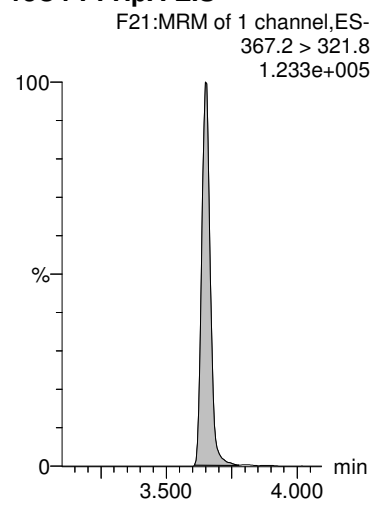

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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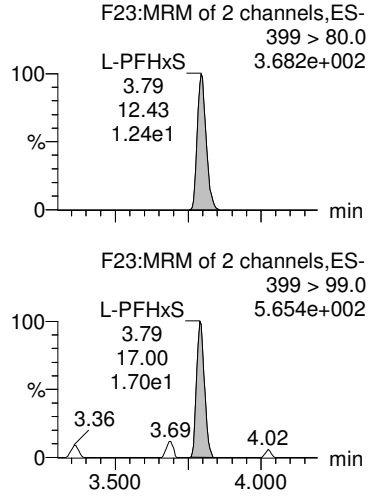
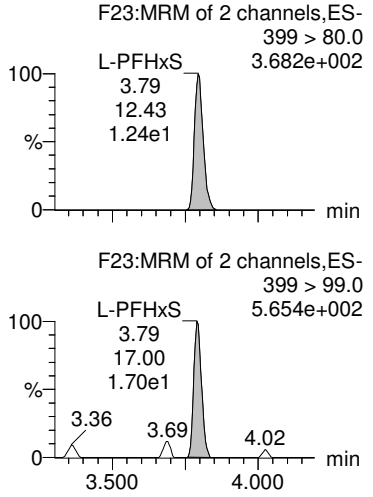
Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

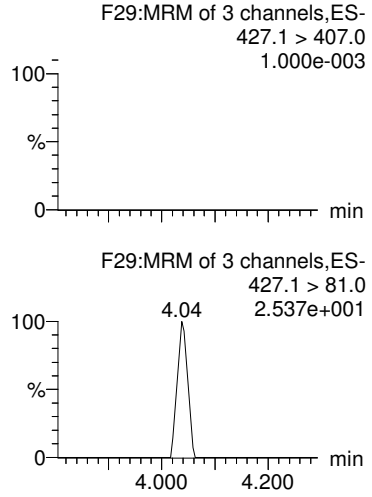
L-PFHxS



Total PFHxS



6:2 FTS



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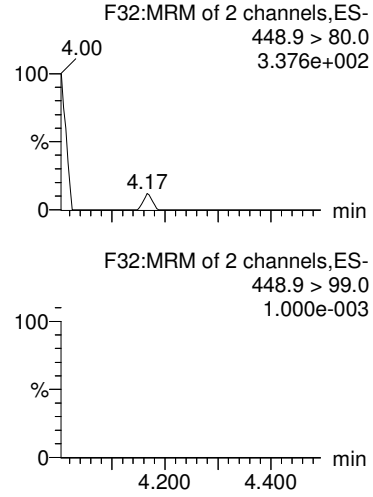

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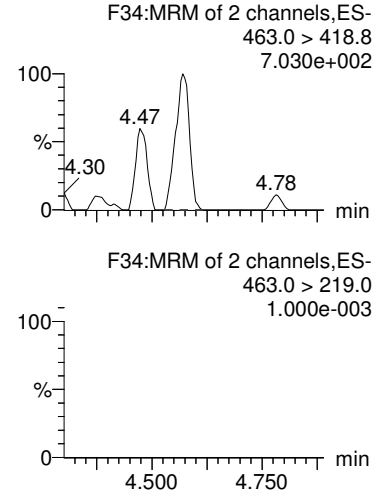
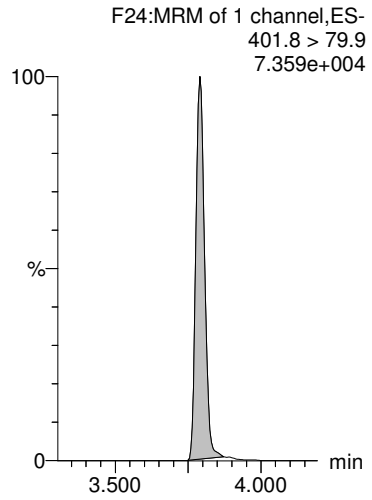


13C3-PFHxS-EIS



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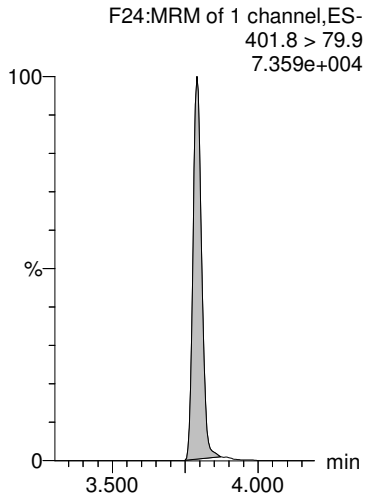

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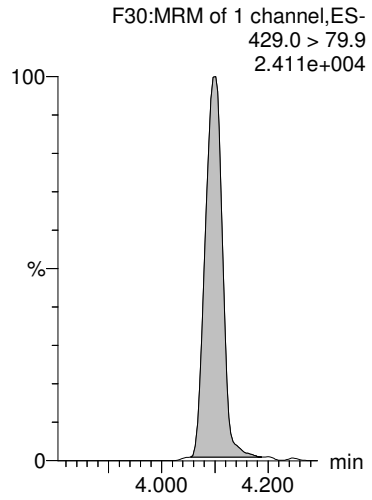
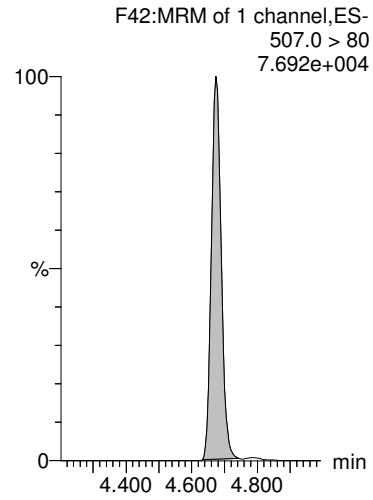


13C8-PFOS-EIS



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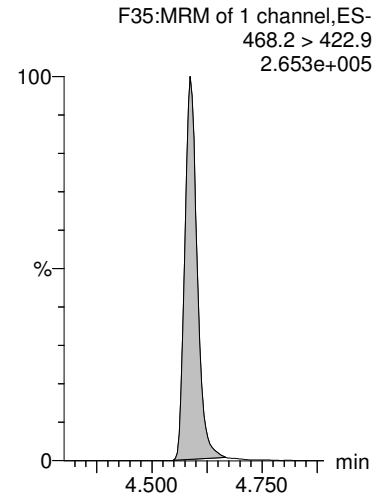

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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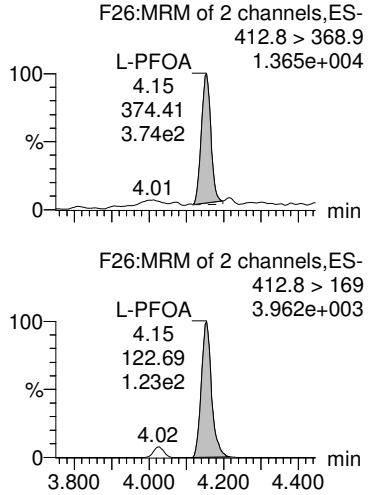
Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

L-PFOA



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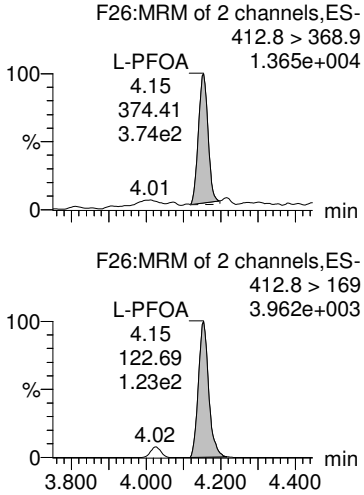
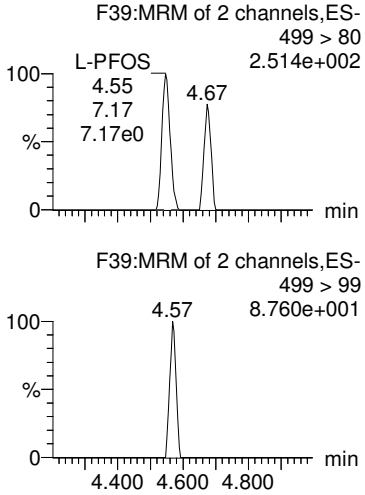


L-PFOS



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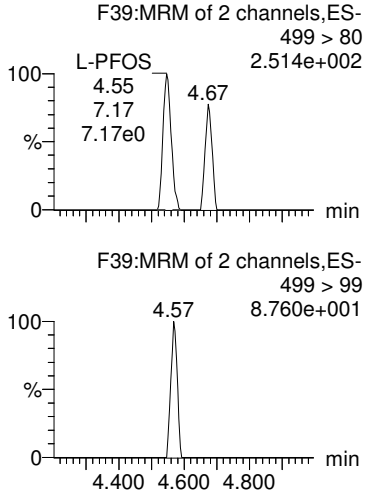

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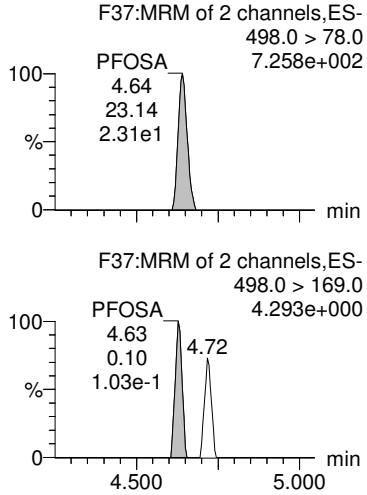
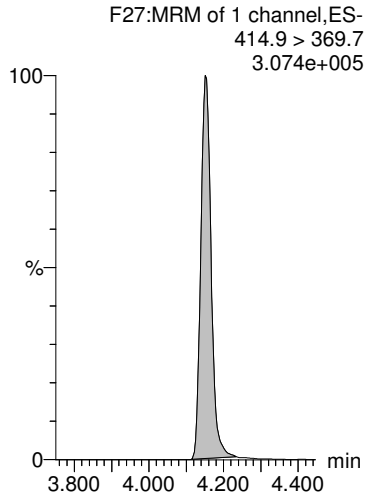


13C2-PFOA-EIS



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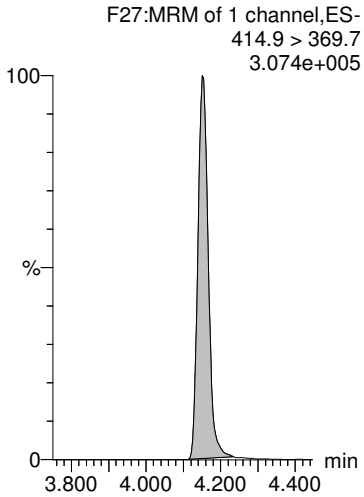
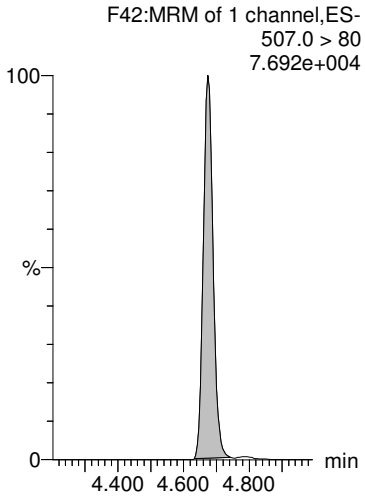


13C8-PFOS-EIS



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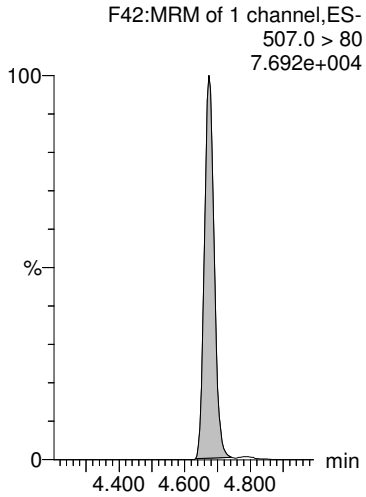

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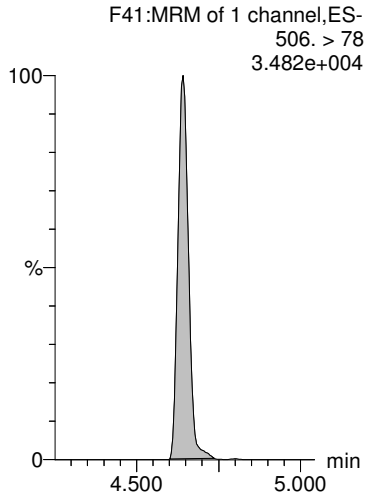

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Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

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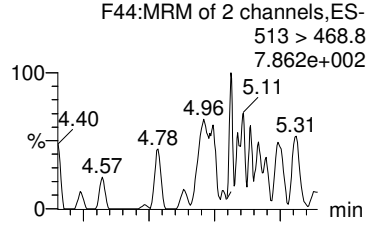
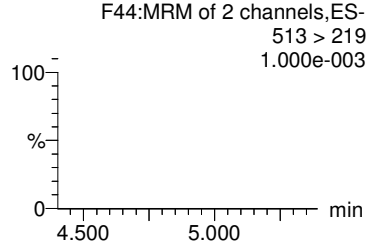
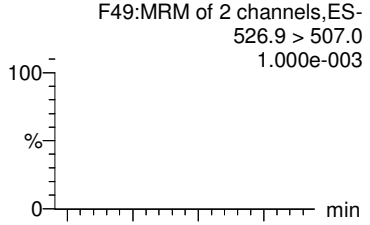
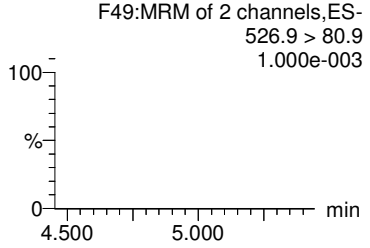


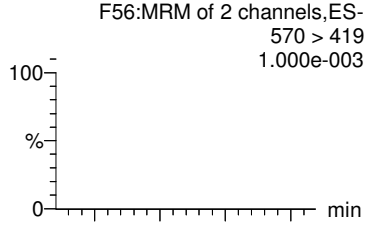


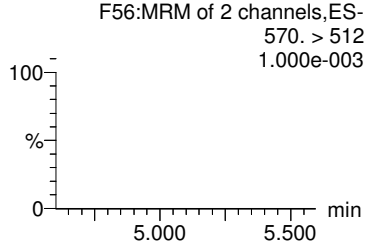
8:2 FTS





L-MeFOSAA





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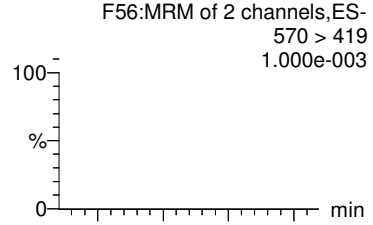
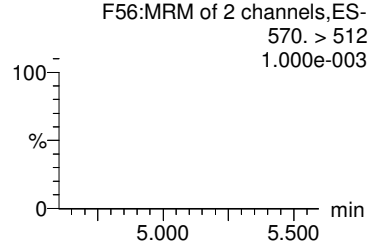
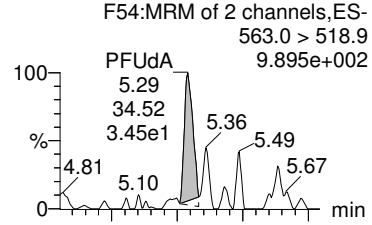
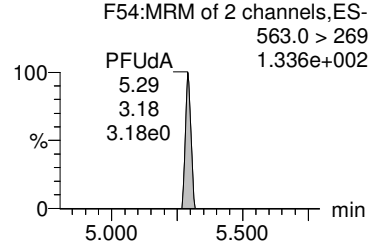


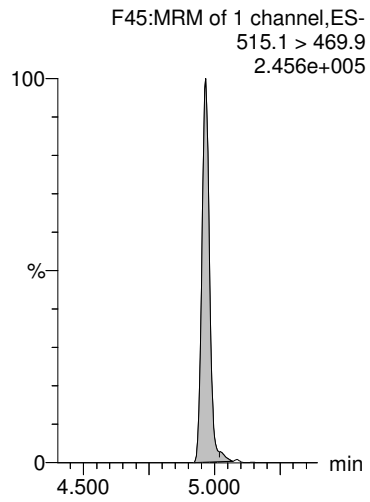


PFUdA

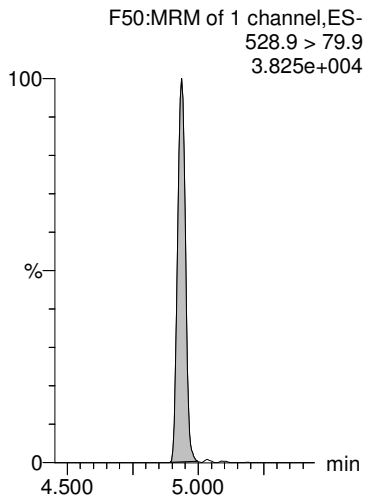




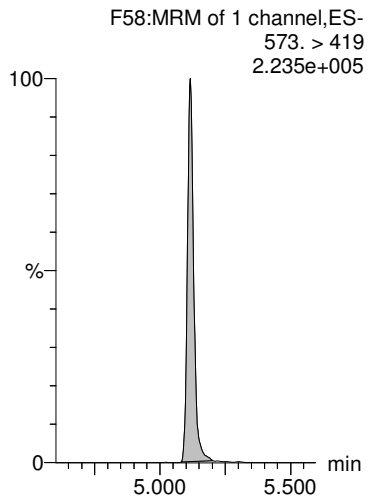
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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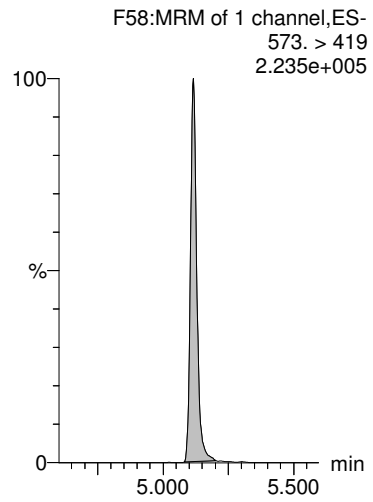

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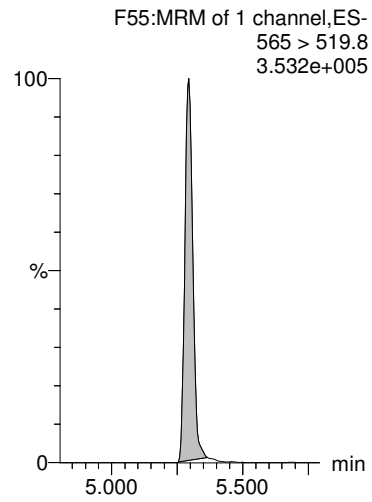

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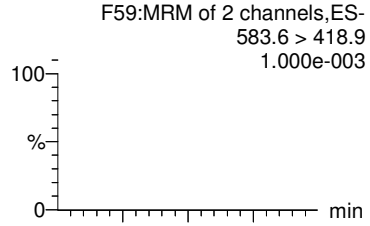
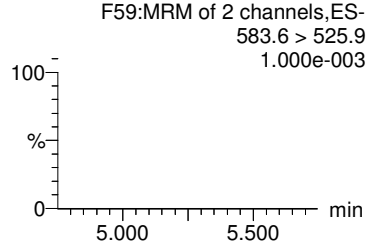
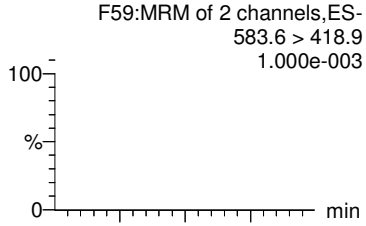
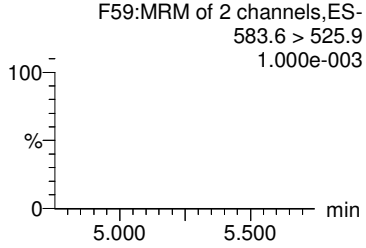
L-EtFOSAA



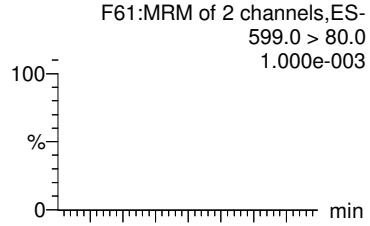


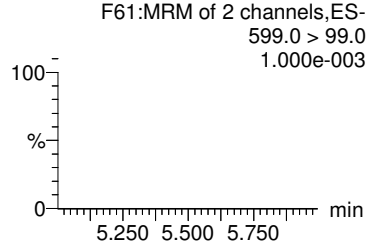
Total N-EtFOSAA



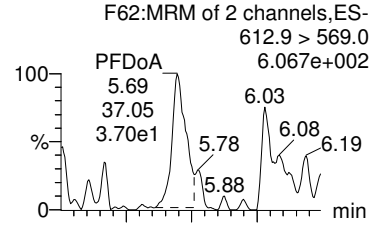


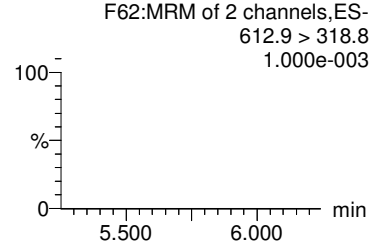
PFDS



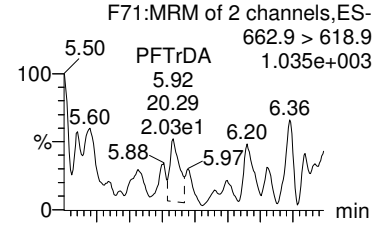


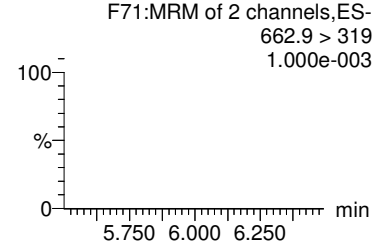
PFDoA



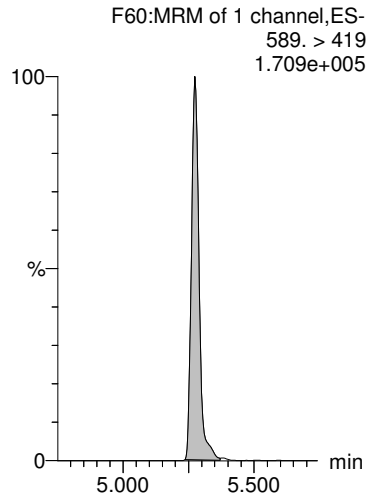


PFTrDA

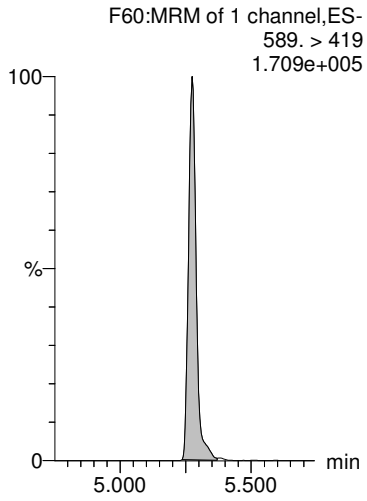




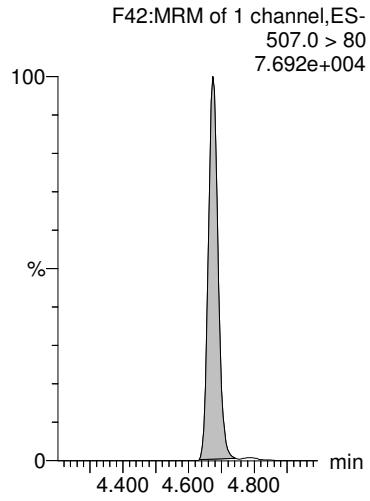
d5-N-EtFOSAA-EIS



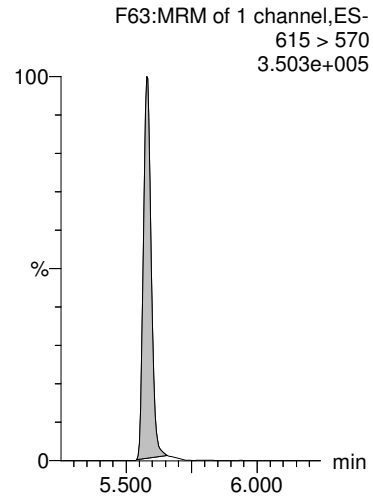
d5-N-EtFOSAA-EIS



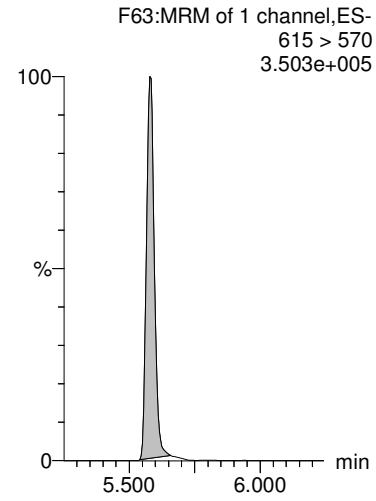
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

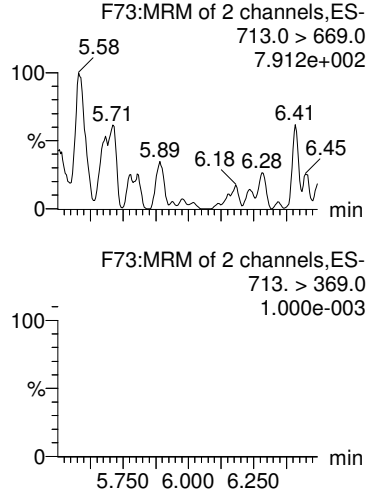


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

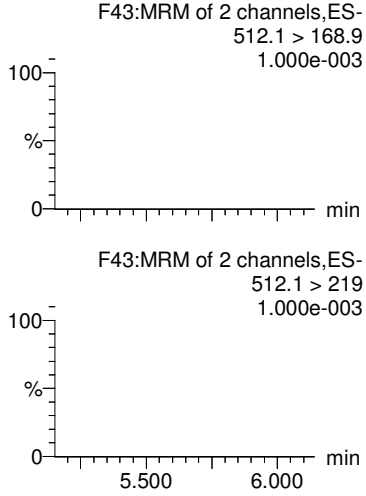
Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:37:46 Pacific Daylight Time

Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

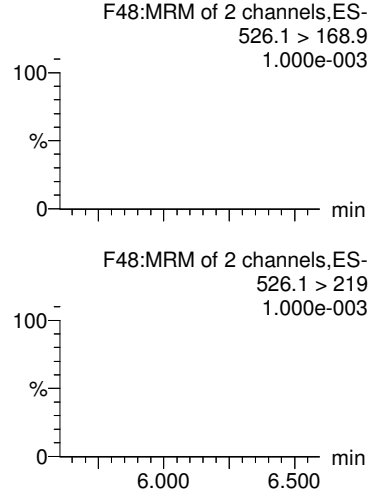
PFTeDA



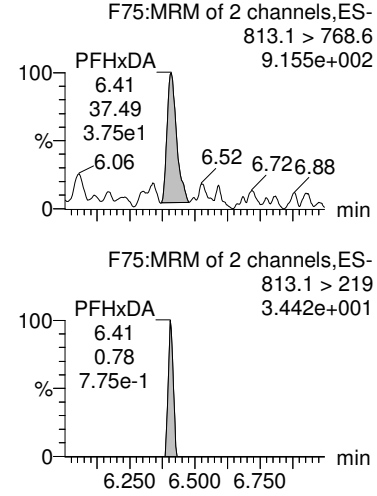
N-MeFOSA



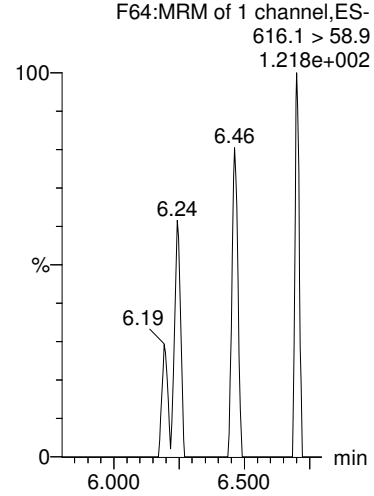
N-EtFOSA



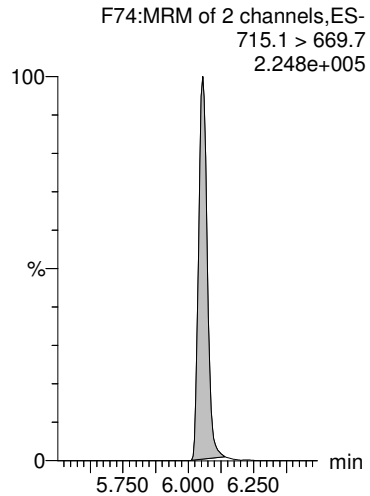
PFHxDA



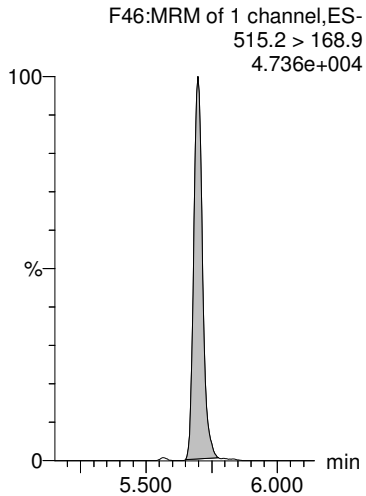
N-MeFOSE



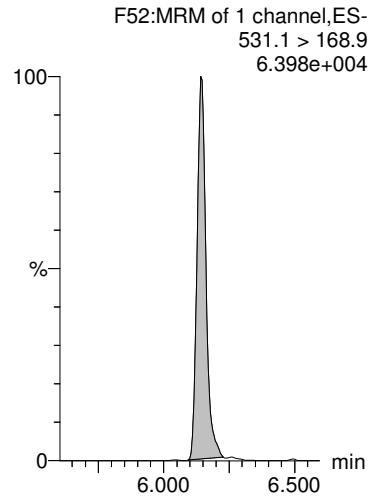
13C2-PFTeDA-EIS



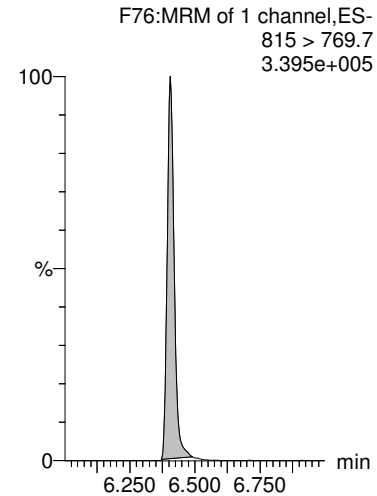
d3-N-MeFOSA-EIS



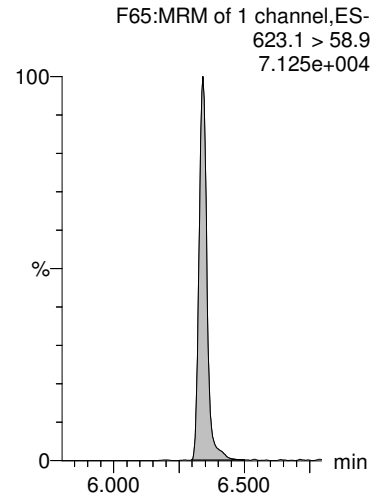
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS

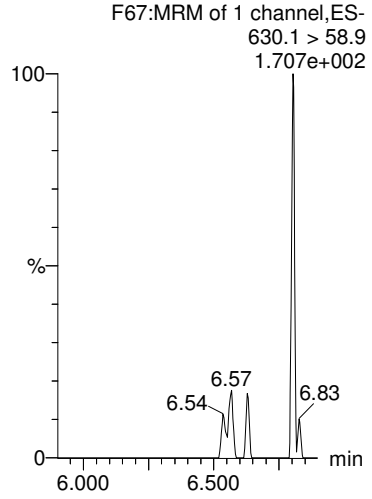


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

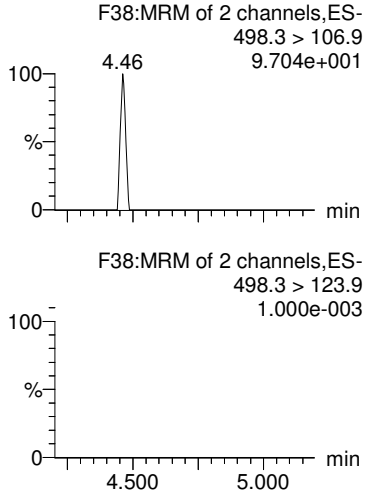
Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:37:46 Pacific Daylight Time

Name: 200602M2_72, Date: 03-Jun-2020, Time: 04:33:37, ID: 2001090-06 GW-MW-20D1-DUP 0.11445, Description: GW-MW-20D1-DUP

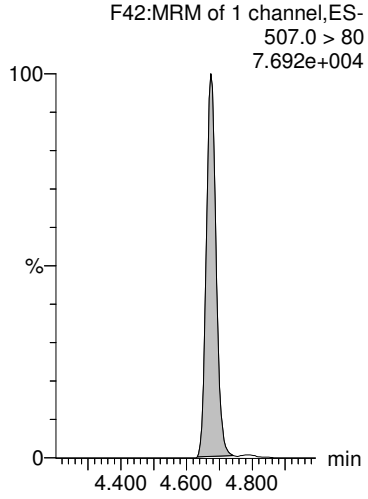
N-EtFOSE



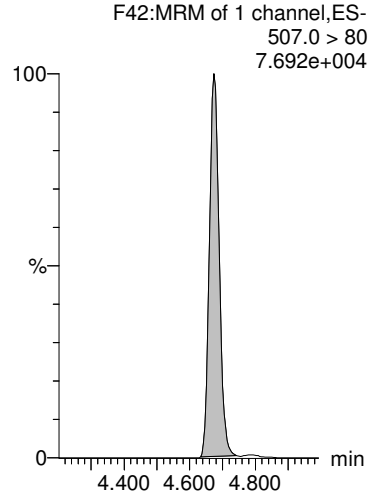
TDCA



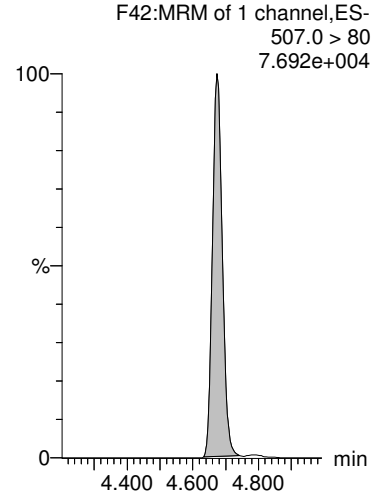
13C8-PFOS-EIS



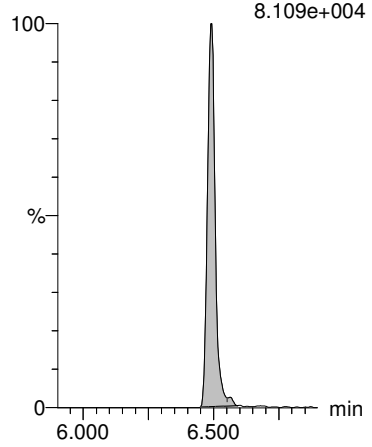
13C8-PFOS-EIS



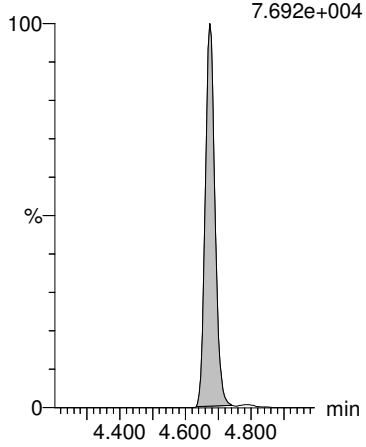
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-74.qld

Last Altered: Wednesday, June 10, 2020 11:21:35 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:21:53 Pacific Daylight Time

Name: 200608M1_74, Date: 09-Jun-2020, Time: 03:40:31, ID: 2001090-06RE1 GW-MW-20D1-DUP 0.11513, Description: GW-MW-20D1-DUP

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	38	N-MeFOSA	512.1 > 168.9		3652.469	0.115						NO		YES
2	42	N-EtFOSA	526.1 > 168.9		5271.621	0.115						NO		YES
3	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3652.469		0.115	73.791	5.57	3652.469	429.929	33.2	YES		
4	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5271.621		0.115	115.260	5.99	5271.621	397.262	30.7	YES		

AMR 6/10/2020

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OC 6/10/2020

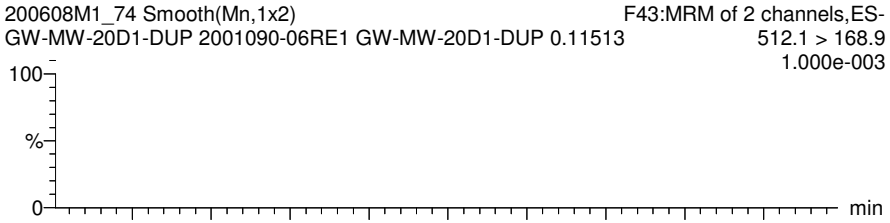
Dataset: Z:\Projects\PFAS.PRO\Results\200608M1\200608M1-74.qld

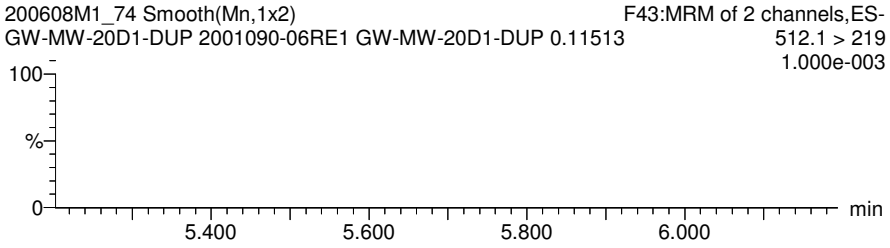
Last Altered: Wednesday, June 10, 2020 11:21:35 Pacific Daylight Time
Printed: Wednesday, June 10, 2020 11:21:53 Pacific Daylight Time

Method: Z:\Projects\PFAS.pro\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: Z:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

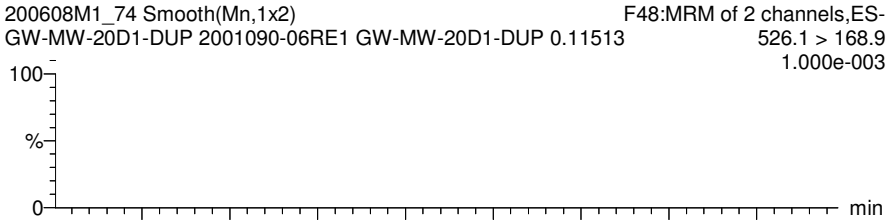
Name: 200608M1_74, Date: 09-Jun-2020, Time: 03:40:31, ID: 2001090-06RE1 GW-MW-20D1-DUP 0.11513, Description: GW-MW-20D1-DUP

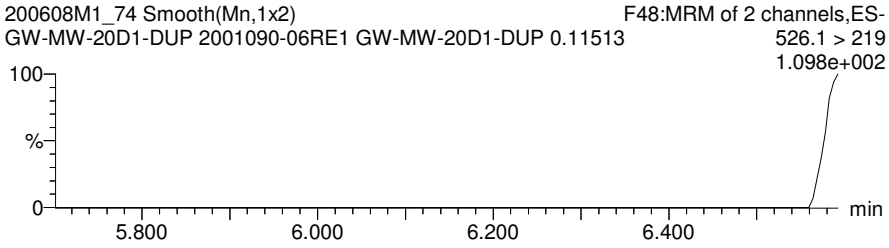
N-MeFOSA



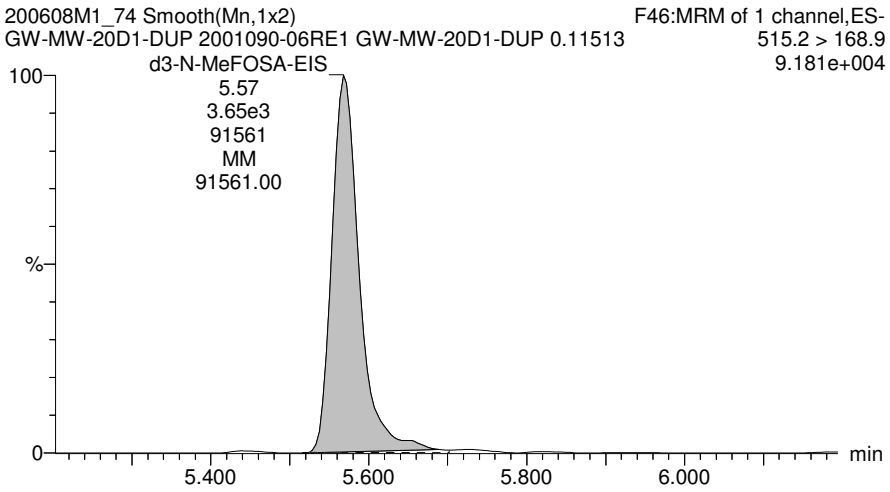


N-EtFOSA

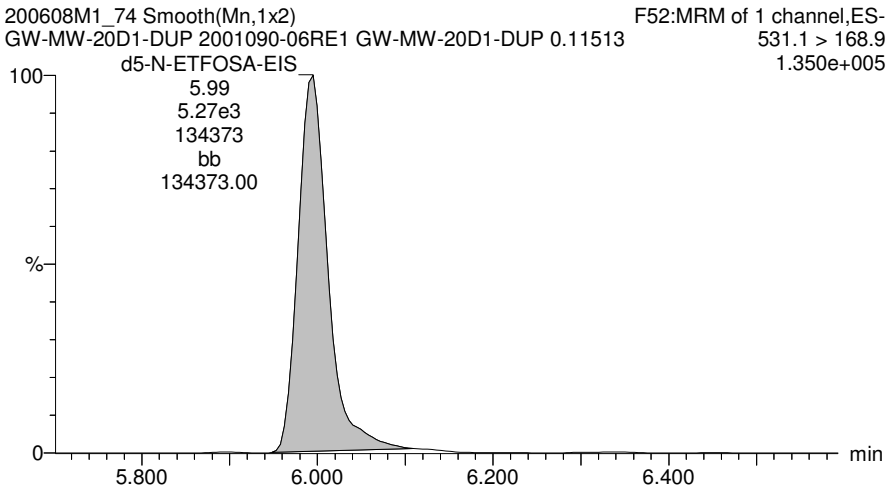




d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



AMR 6/10/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		7.17e1	0.115		1.30						
2	4	PFPeA	263.1 > 218.9	3.24e1	1.16e3	0.115		2.24	2.25	0.349	2.9376			
3	5	PFBS	299.0 > 79.7	2.22e1	6.78e2	0.115		2.52	2.52	0.408	1.1260		4.73	YES
4	7	PFHxA	313.0 > 269.0	2.02e2	6.76e3	0.115		3.04	3.04	0.373	3.1462		28.4	YES
5	11	PFHpA	363.0 > 318.9	1.75e2	4.67e3	0.115		3.64	3.64	0.469	3.1906		10.1	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	7.17e1		0.115	174.310	1.30	1.30	71.7	3.5644	3.3		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.16e3		0.115	355.452	2.24	2.24	1160	28.2681	26.1		
8	51	13C3-PFBS-EIS	302.0 > 99	6.78e2		0.115	74.705	2.52	2.52	678	78.6808	72.6		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.76e3		0.115	673.292	3.04	3.04	6760	87.0541	80.3		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.67e3		0.115	418.493	3.79	3.64	4670	96.6687	89.2		
11	-1													
12	13	L-PFHxS	399 > 80.0	5.63e1	2.40e3	0.115		3.78	3.78	0.294	2.4825		2.11	NO
13	1...	Total PFHxS	399 > 80	5.63e1	2.40e3	0.115		3.83		0.294	2.4825			
14	15	6:2 FTS	427.1 > 407.0	9.50e0	1.18e3	0.115		4.09	4.09	0.101	0.5556		4.01	YES
15	19	PFHpS	448.9 > 80.0		2.48e3	0.115		4.28						YES
16	21	PFNA	463.0 > 418.8	5.40e1	8.22e3	0.115		4.58	4.58	0.0821			28.6	YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.40e3		0.115	185.544	3.80	3.78	2400	112.0745	103.4		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.40e3		0.115	185.544	3.80	3.78	2400	112.0745	103.4		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.18e3		0.115	101.130	4.19	4.09	1180	101.2742	93.5		
20	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.22e3		0.115	674.136	4.80	4.58	8220	105.7063	97.6		
22	-1													
23	16	L-PFOA	412.8 > 368.9	1.37e3	8.86e3	0.115		4.14	4.14	1.93	11.1808		3.79	NO
24	1...	Total PFOA	412.8 > 368.9	1.37e3	8.86e3	0.115		4.20		1.93	11.1808			
25	23	L-PFOS	499 > 80	1.15e1	2.48e3	0.115		4.66	4.51	0.0578			1.33	NO
26	1...	Total PFOS	499 > 80	1.15e1	2.48e3	0.115		4.73		0.000				
27	22	PFOSA	498.0 > 78.0	1.47e1	1.70e3	0.115		4.64	4.63	0.108	1.8050		64.1	YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.86e3		0.115	778.175	4.30	4.14	8860	98.7271	91.1		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.86e3		0.115	778.175	4.30	4.14	8860	98.7271	91.1		
30	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		
31	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		
32	67	13C8-PFOSA-EIS	506. > 78	1.70e3		0.115	231.112	4.76	4.64	1700	63.6232	58.7		
33	-1													
34	26	PFDA	513 > 468.8		8.40e3	0.115		4.96						YES
35	27	8:2 FTS	526.9 > 507.0		1.05e3	0.115		4.93						YES
36	29	L-MeFOSAA	570 > 419		5.03e3	0.115		5.11						YES

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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.03e3	0.115		5.17		0.000				
38	33	PFUdA	563.0 > 518.9	3.09e1	1.10e4	0.115		5.29	5.28	0.0351			4.40	YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	8.40e3		0.115	717.399	5.10	4.96	8400	101.4962	93.7		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.05e3		0.115	107.927	4.98	4.93	1050	84.4204	77.9		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.03e3		0.115	596.470	5.13	5.11	5030	73.1694	67.5		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.03e3		0.115	596.470	5.13	5.11	5030	73.1694	67.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.10e4		0.115	1057.423	5.55	5.29	11000	90.2323	83.3		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		6.45e3	0.115		5.27						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	6.45e3	0.115		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.48e3	0.115		5.28						YES
48	37	PFDoA	612.9 > 569.0		1.20e4	0.115		5.57						YES
49	39	PFTrDA	662.9 > 618.9		1.20e4	0.115		5.82						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	6.45e3		0.115	475.939	5.43	5.27	6450	117.5465	108.5		
51	81	d5-N-EtFOSAA-EIS	589. > 419	6.45e3		0.115	475.939	5.43	5.27	6450	117.5465	108.5		
52	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		
53	83	13C2-PFDoA-EIS	615 > 570	1.20e4		0.115	1054.715	5.60	5.57	12000	98.3248	90.7		
54	83	13C2-PFDoA-EIS	615 > 570	1.20e4		0.115	1054.715	5.60	5.57	12000	98.3248	90.7		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.91e3	0.115		6.05						YES
57	38	N-MeFOSA	512.1 > 168.9		3.80e3	0.115		5.68						YES
58	42	N-EtFOSA	526.1 > 168.9		4.80e3	0.115		6.12						YES
59	43	PFHxDA	813.1 > 768.6		8.23e3	0.115		6.40						YES
60	45	N-MeFOSE	616.1 > 58.9		3.31e3	0.115		6.33						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.91e3		0.115	886.344	6.08	6.05	6910	67.5968	62.4		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.80e3		0.115	84.837	5.72	5.69	3800	387.9986	30.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.80e3		0.115	127.429	6.16	6.14	4800	326.5986	25.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.23e3		0.115	1186.125	6.62	6.40	8230	60.1239	55.5		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.31e3		0.115	66.928	6.33	6.33	3310	429.2864	33.2		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		3.51e3	0.115		6.48						
68	1...	TDCA	498.3>106.9	1.57e1		0.115		4.69	4.46	15.7				YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		
70	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		
71	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	3.51e3		0.115	73.193	6.51	6.48	3510	415.8981	32.2		

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.115	212.650	4.95	4.66	2480	100.9764	93.2		

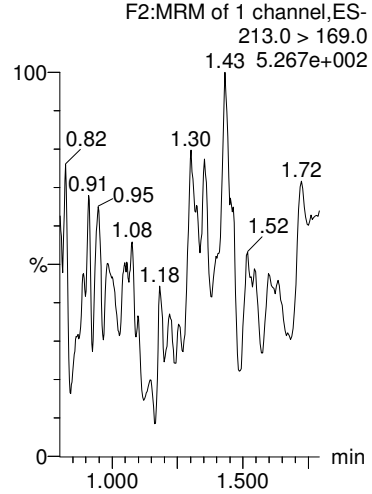
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

PFBA



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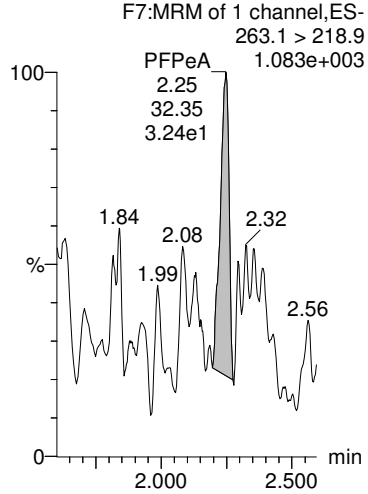

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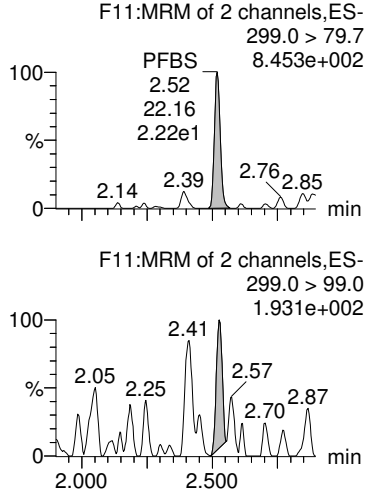

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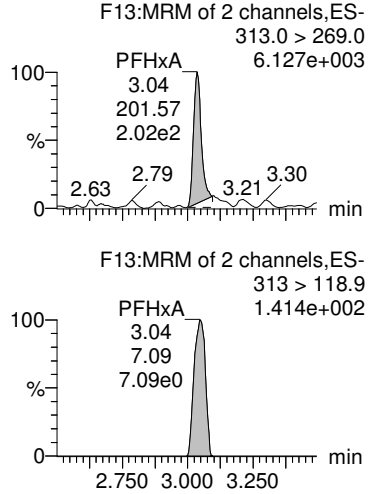

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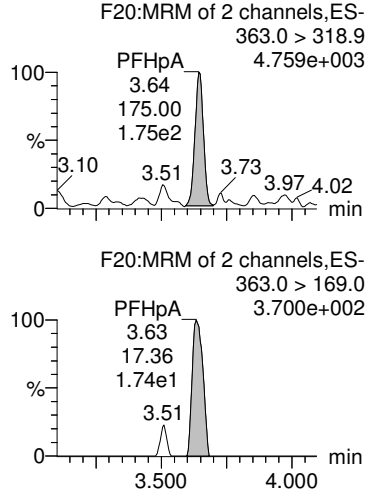

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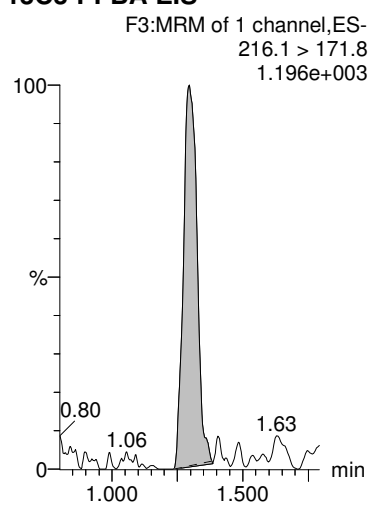

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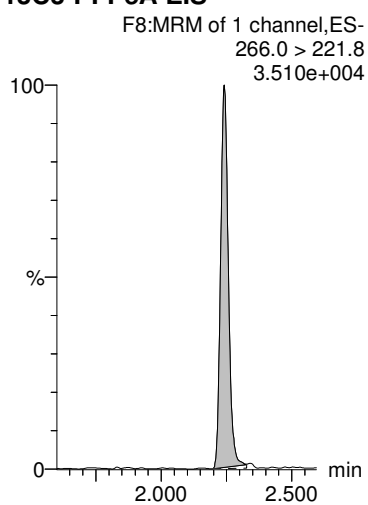

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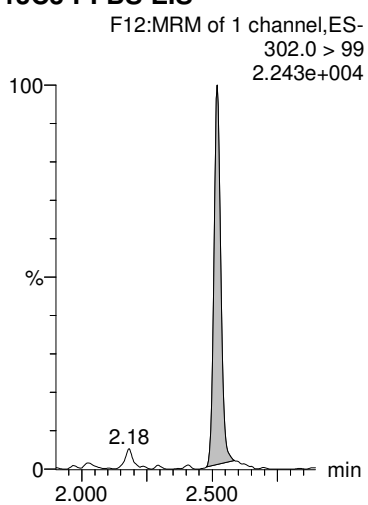

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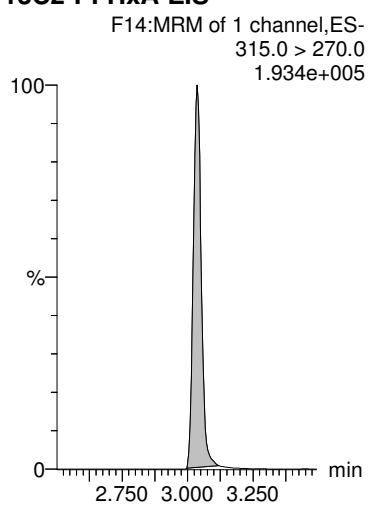

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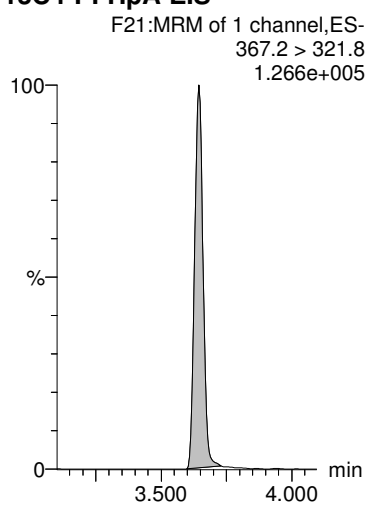
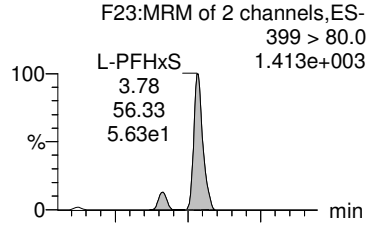


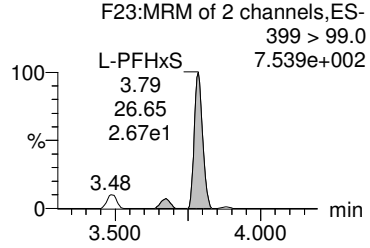
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

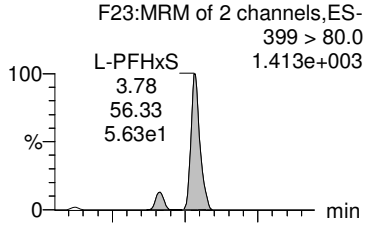
Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

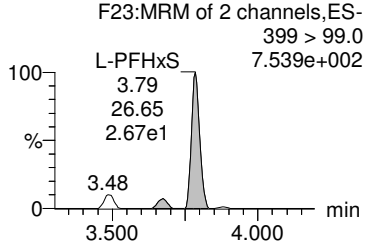
L-PFHxS



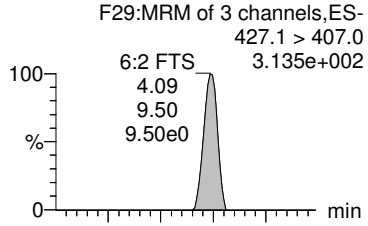


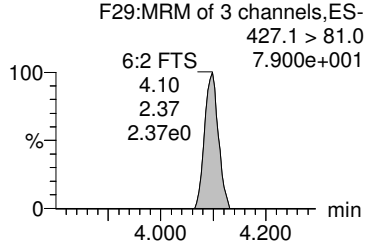
Total PFHxS



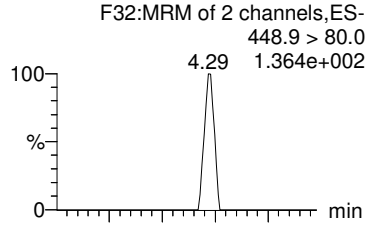


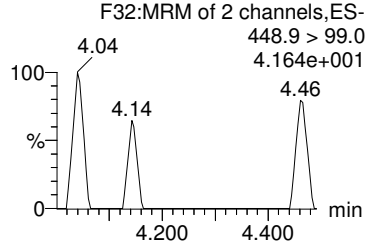
6:2 FTS



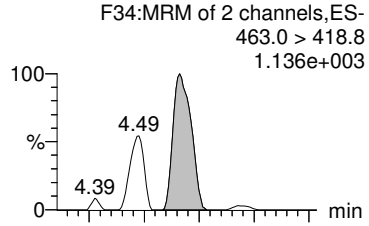


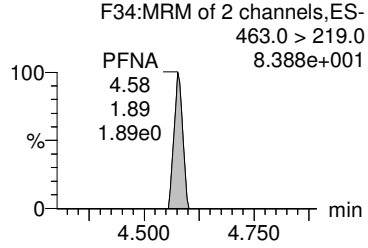
PFHpS



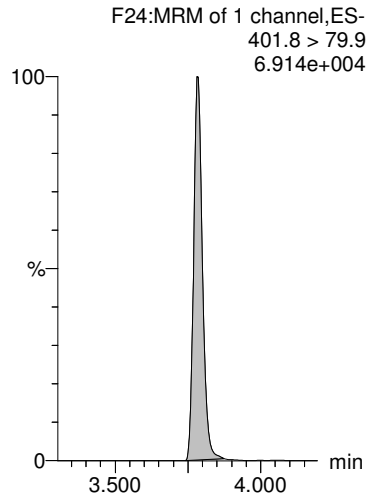


PFNA





13C3-PFHxS-EIS



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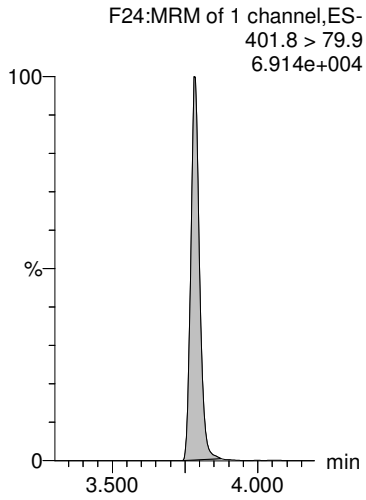
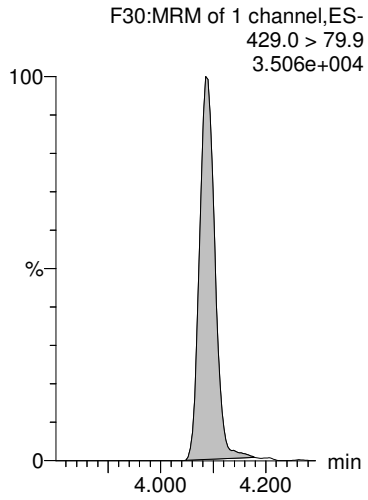
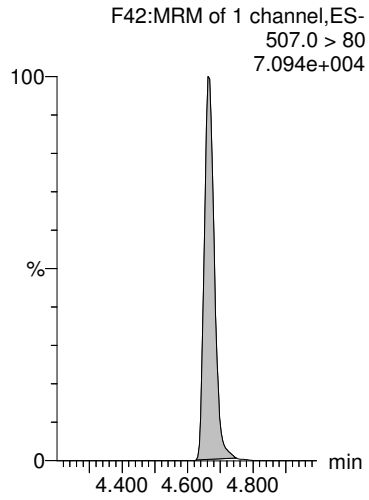


13C2-6:2 FTS-EIS



13C8-PFOS-EIS



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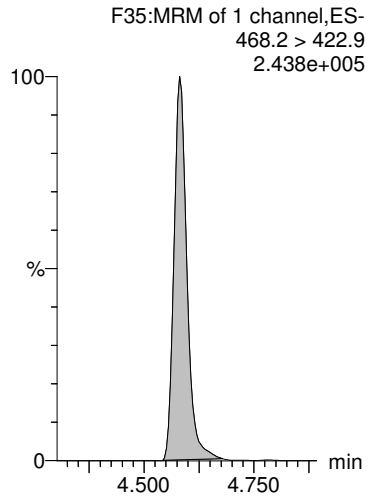
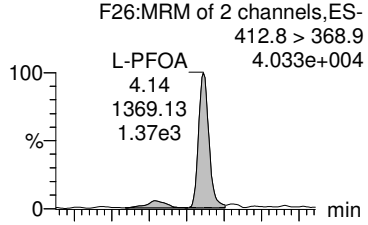


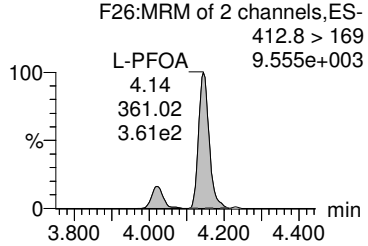
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

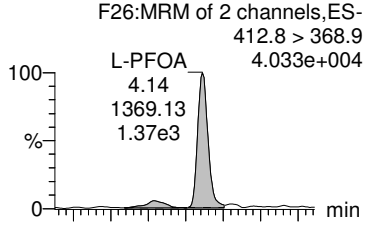
Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

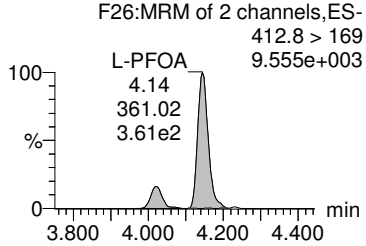
L-PFOA



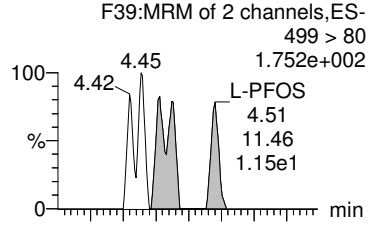


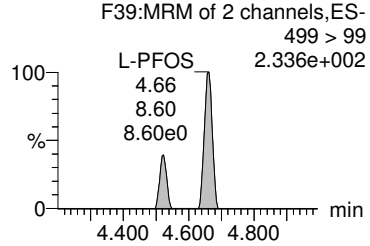
Total PFOA



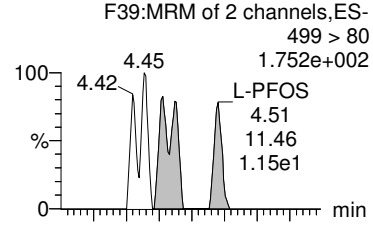


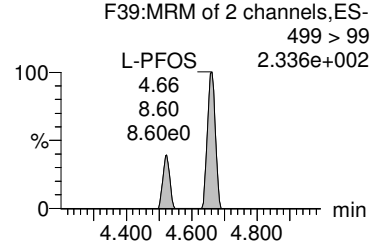
L-PFOS





Total PFOS





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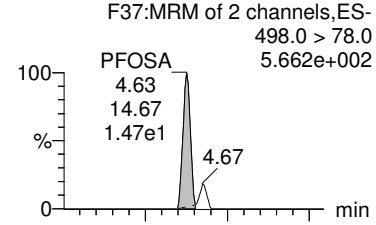

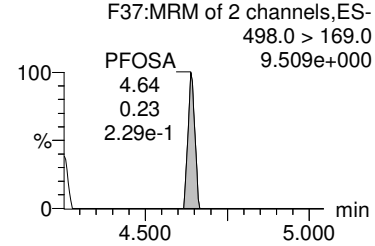

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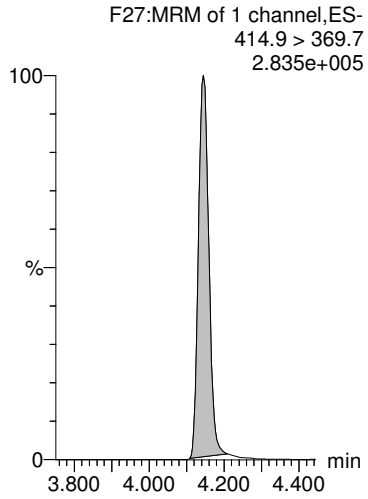
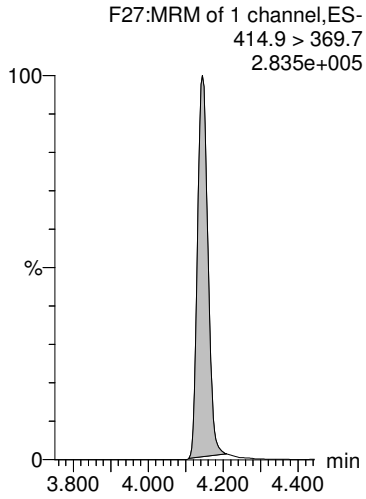


13C2-PFOA-EIS



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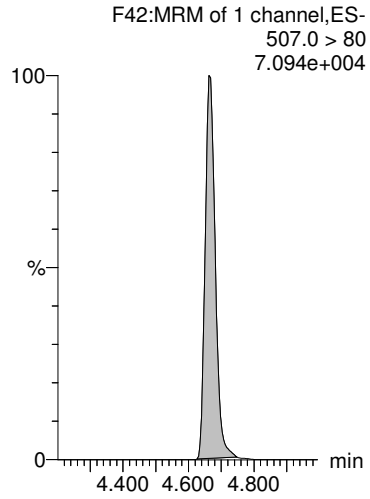

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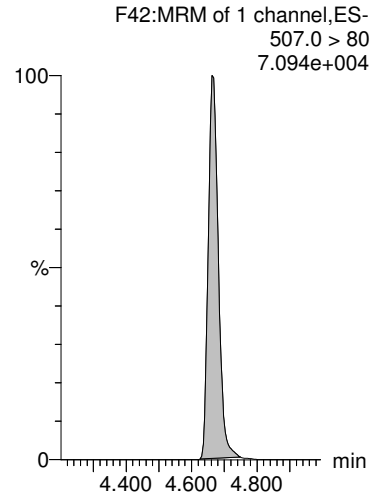
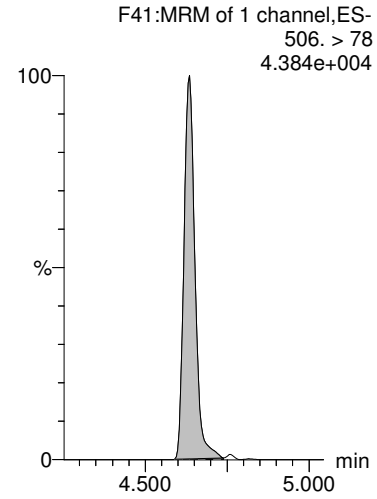


13C8-PFOSA-EIS

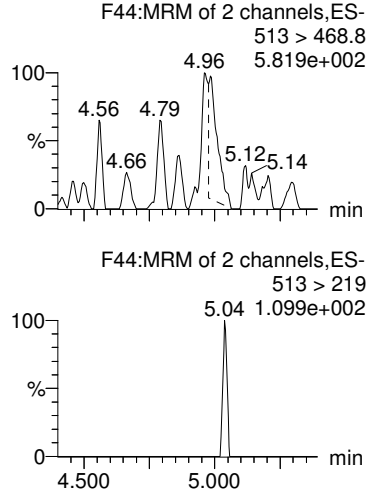


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

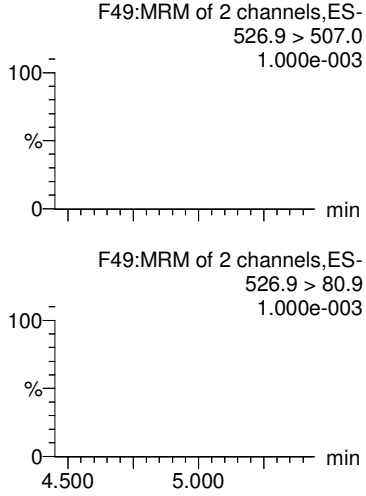
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

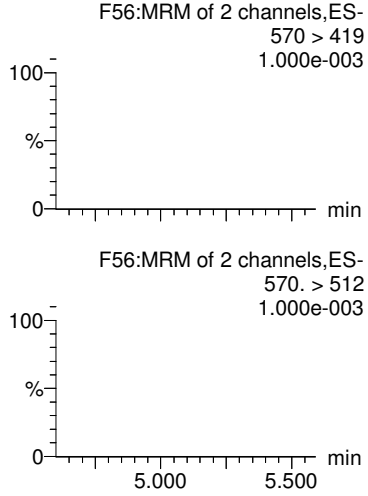
PFDA



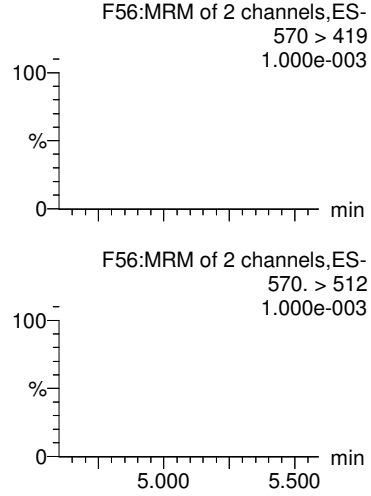
8:2 FTS



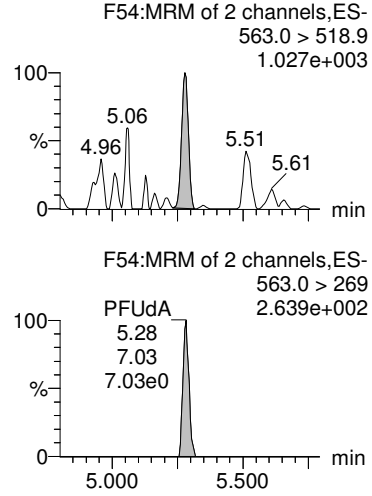
L-MeFOSAA



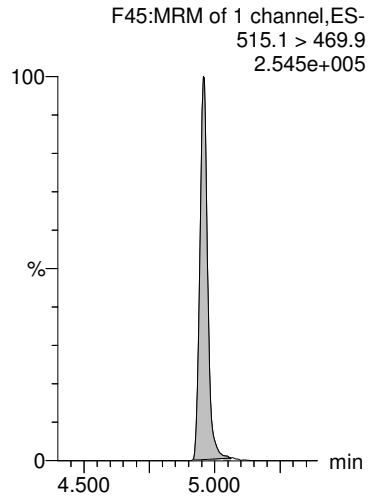
Total N-MeFOSAA



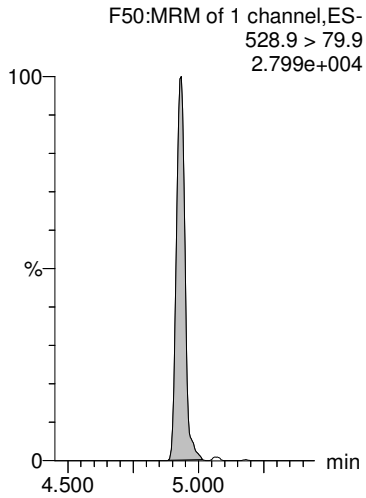
PFUdA



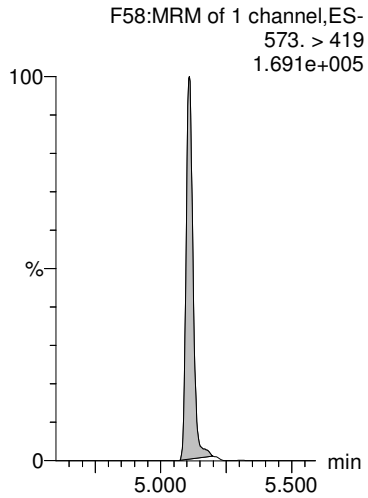
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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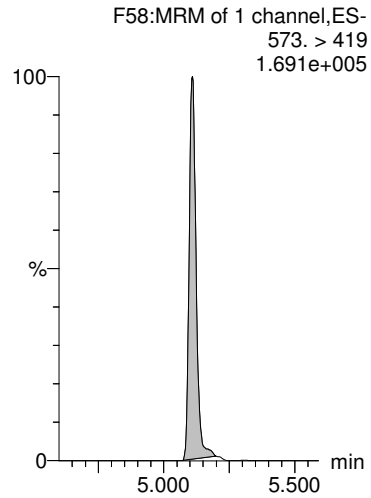
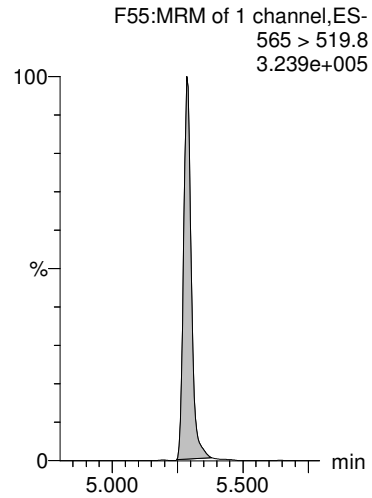


13C2-PFUdA-EIS



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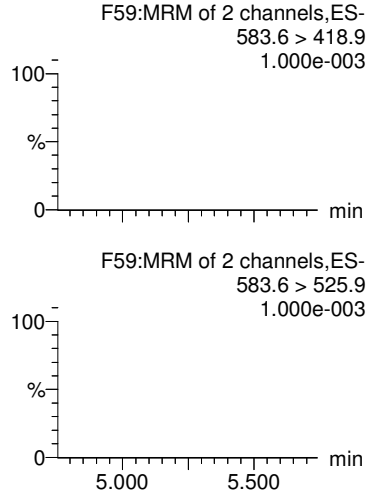
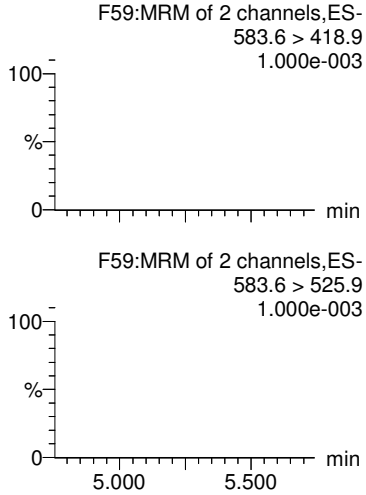
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

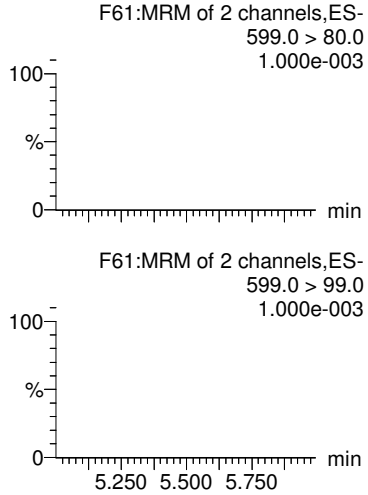
L-EtFOSAA



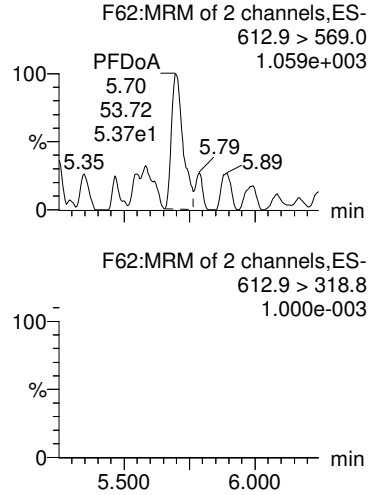
Total N-EtFOSAA



PFDS



PFDoA



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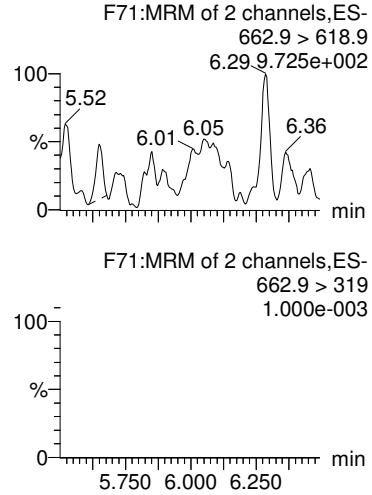
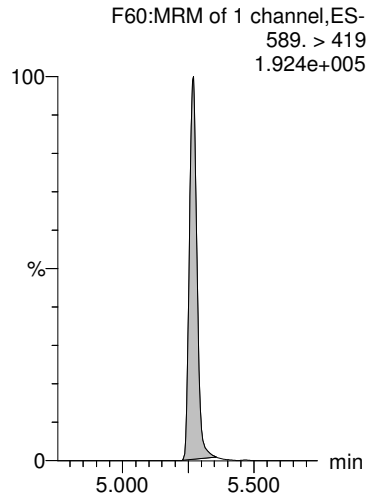
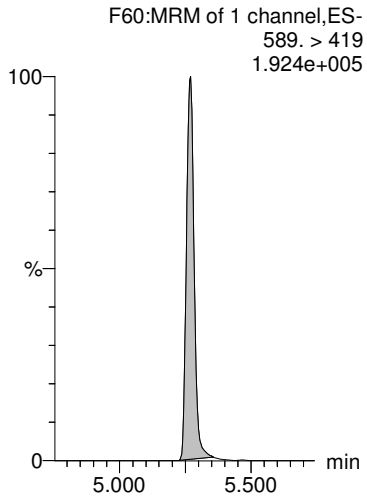


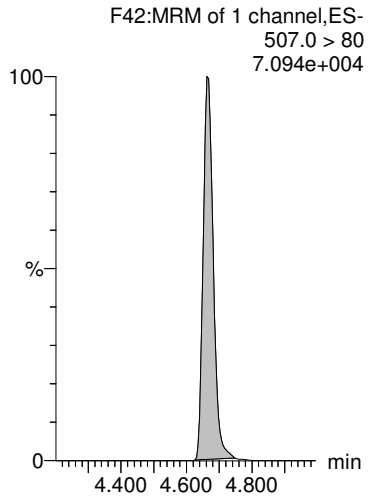
d5-N-EtFOSAA-EIS



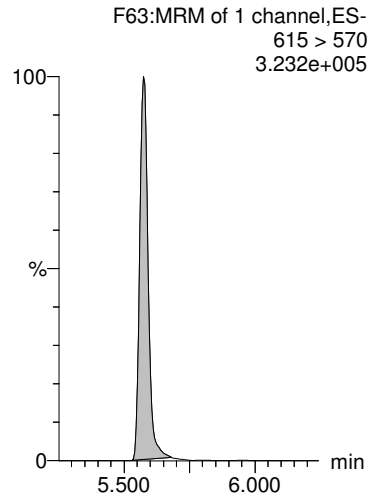
d5-N-EtFOSAA-EIS



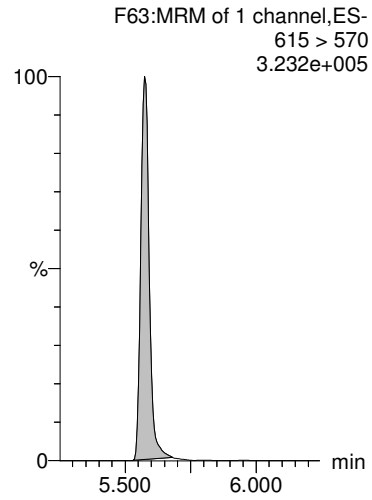
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

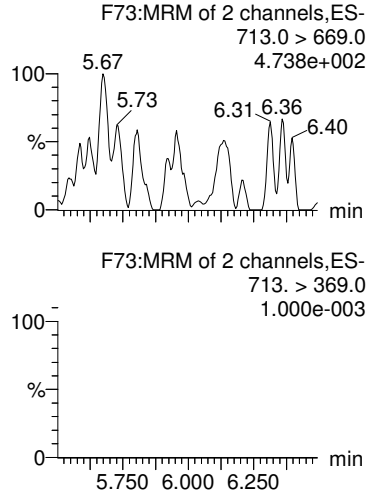


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

PFTeDA



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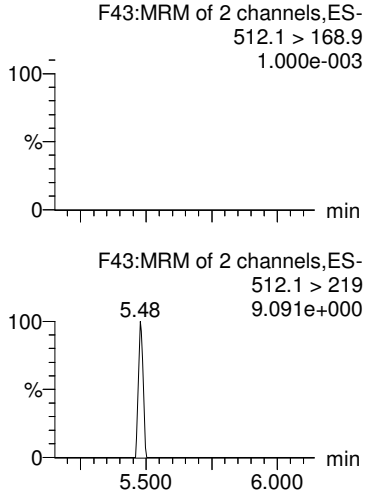
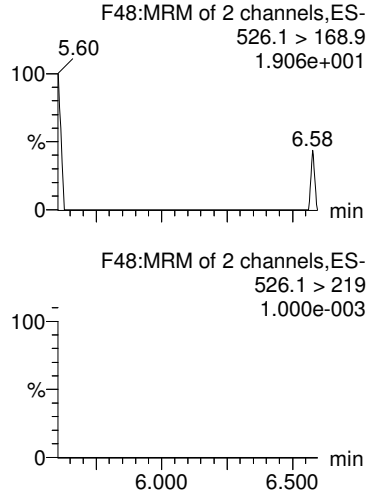
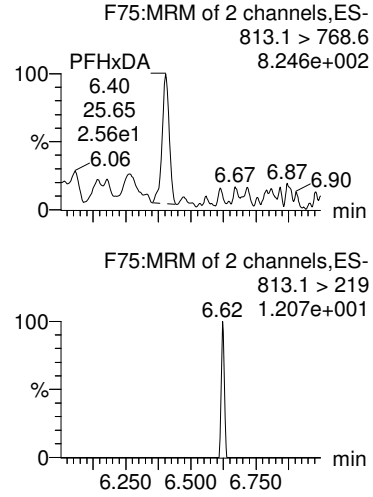


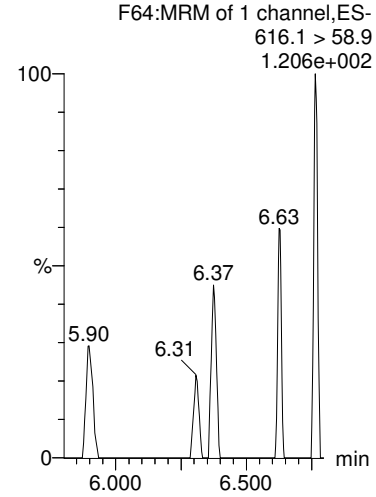
N-EtFOSA



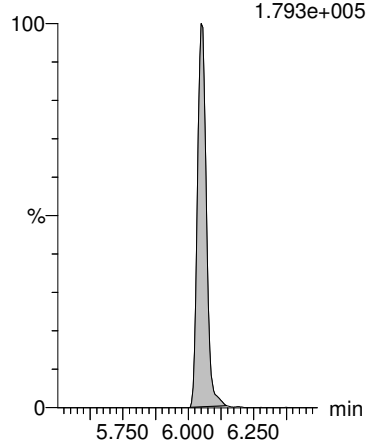
PFHxDA



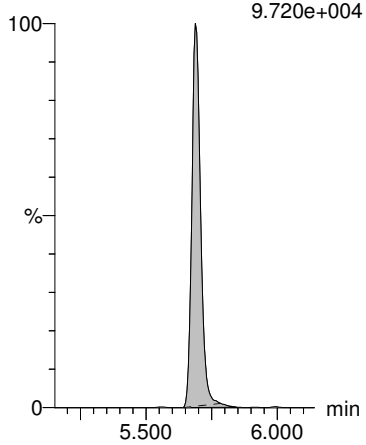
N-MeFOSE



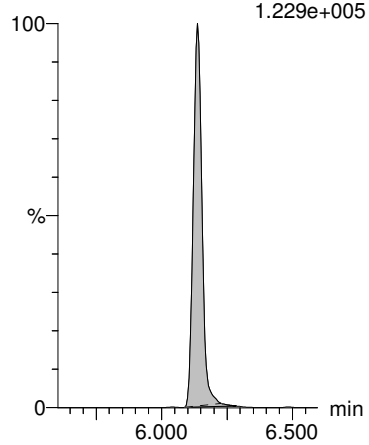
13C2-PFTeDA-EIS



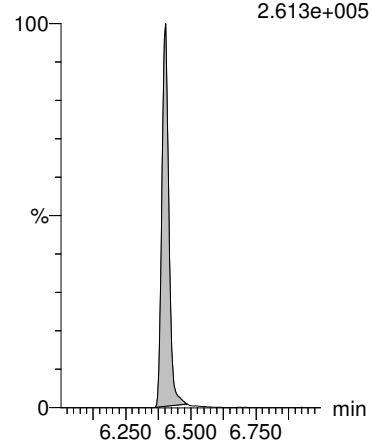
d3-N-MeFOSA-EIS



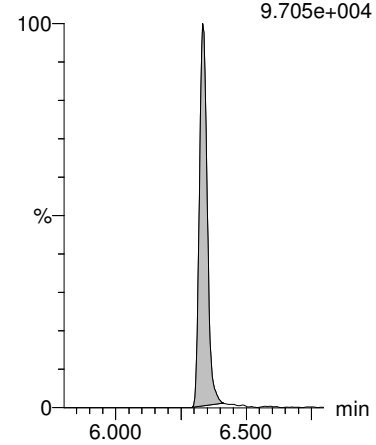
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS

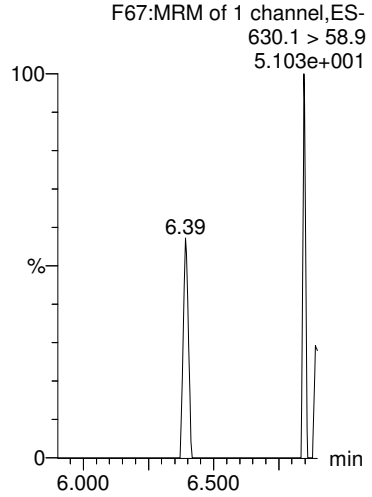


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

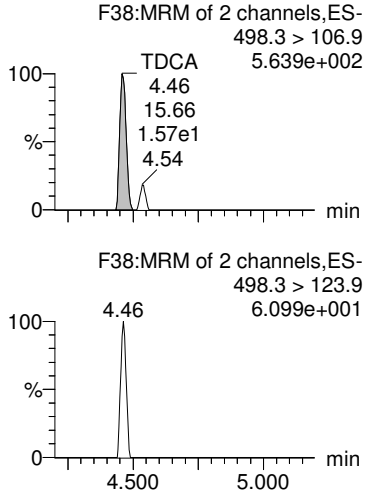
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:34:57 Pacific Daylight Time

Name: 200602M2_73, Date: 03-Jun-2020, Time: 04:44:00, ID: 2001090-07 GW-MW-20D2 0.11536, Description: GW-MW-20D2

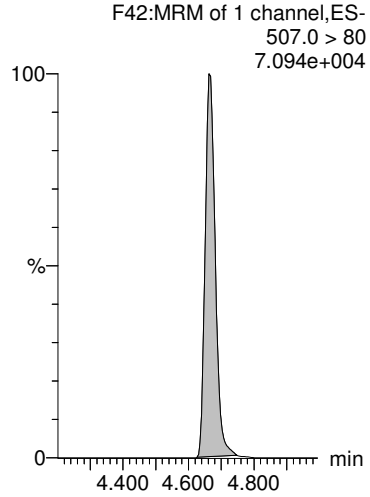
N-EtFOSE



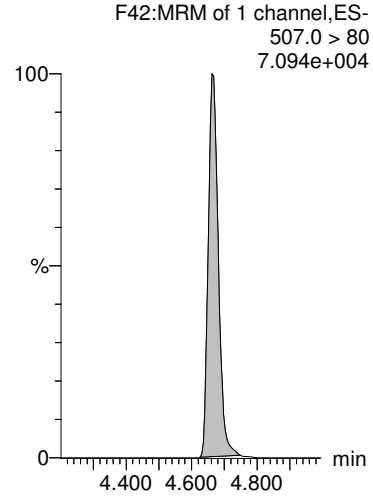
TDCA



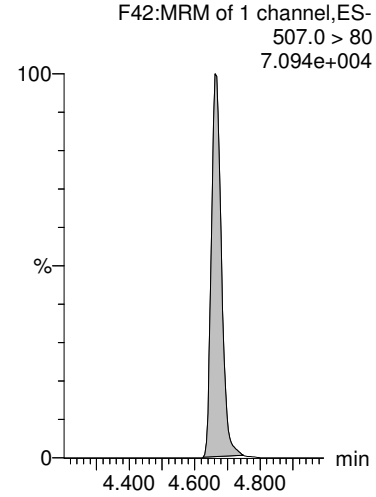
13C8-PFOS-EIS



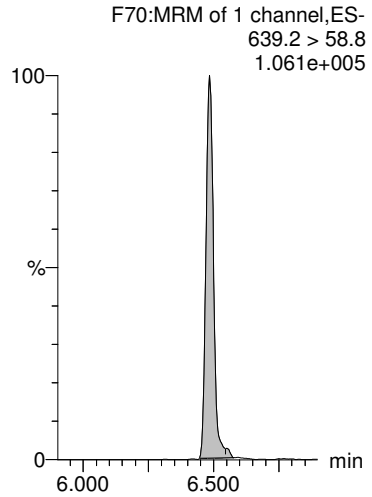
13C8-PFOS-EIS



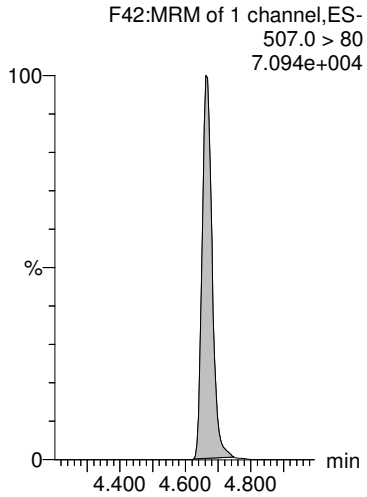
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		2.89e3	0.113		1.29						
2	4	PFPeA	263.1 > 218.9		3.90e3	0.113		2.24						
3	5	PFBS	299.0 > 79.7		8.23e2	0.113		2.52						YES
4	7	PFHxA	313.0 > 269.0		7.61e3	0.113		3.04						YES
5	11	PFHpA	363.0 > 318.9		4.79e3	0.113		3.65						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.89e3		0.113	174.310	1.30	1.29	2890	146.4876	132.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.90e3		0.113	355.452	2.24	2.24	3900	97.1688	87.9		
8	51	13C3-PFBS-EIS	302.0 > 99	8.23e2		0.113	74.705	2.52	2.52	823	97.5074	88.2		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.61e3		0.113	673.292	3.04	3.04	7610	99.9796	90.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.79e3		0.113	418.493	3.79	3.65	4790	101.3659	91.7		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.00e3	0.113		3.79						YES
13	1...	Total PFHxS	399 > 80	0.00e0	2.00e3	0.113		3.83		0.000				
14	15	6:2 FTS	427.1 > 407.0		1.13e3	0.113		4.10						YES
15	19	PFHpS	448.9 > 80.0		2.53e3	0.113		4.28						YES
16	21	PFNA	463.0 > 418.8		7.68e3	0.113		4.59						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.00e3		0.113	185.544	3.80	3.79	2000	95.5775	86.4		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.00e3		0.113	185.544	3.80	3.79	2000	95.5775	86.4		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.13e3		0.113	101.130	4.19	4.10	1130	98.6583	89.2		
20	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.68e3		0.113	674.136	4.80	4.59	7680	100.8646	91.2		
22	-1													
23	16	L-PFOA	412.8 > 368.9	5.99e1	8.78e3	0.113		4.15	4.15	0.0853			5.27	NO
24	1...	Total PFOA	412.8 > 368.9	5.99e1	8.78e3	0.113		4.20		0.000				
25	23	L-PFOS	499 > 80	8.02e0	2.53e3	0.113		4.67	4.66	0.0396			3.41	YES
26	1...	Total PFOS	499 > 80	8.02e0	2.53e3	0.113		4.73		0.000				
27	22	PFOSA	498.0 > 78.0		1.67e3	0.113		4.64						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.78e3		0.113	778.175	4.30	4.15	8780	99.8382	90.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.78e3		0.113	778.175	4.30	4.15	8780	99.8382	90.3		
30	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		
31	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		
32	67	13C8-PFOSA-EIS	506. > 78	1.67e3		0.113	231.112	4.76	4.64	1670	63.9596	57.8		
33	-1													
34	26	PFDA	513 > 468.8		7.95e3	0.113		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		1.30e3	0.113		4.93						YES
36	29	L-MeFOSAA	570 > 419		5.81e3	0.113		5.12						YES

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:01 Pacific Daylight Time

Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.81e3	0.113		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		8.21e3	0.113		5.29						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	7.95e3		0.113	717.399	5.10	4.97	7950	97.9976	88.6		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.30e3		0.113	107.927	4.98	4.93	1300	106.2938	96.1		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.81e3		0.113	596.470	5.13	5.12	5810	86.1645	77.9		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.81e3		0.113	596.470	5.13	5.12	5810	86.1645	77.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.21e3		0.113	1057.423	5.55	5.29	8210	68.7197	62.1		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		5.35e3	0.113		5.27						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	5.35e3	0.113		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.53e3	0.113		5.29						YES
48	37	PFDoA	612.9 > 569.0		1.37e4	0.113		5.58						YES
49	39	PFTrDA	662.9 > 618.9		1.37e4	0.113		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.35e3		0.113	475.939	5.43	5.27	5350	99.4888	90.0		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.35e3		0.113	475.939	5.43	5.27	5350	99.4888	90.0		
52	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		
53	83	13C2-PFDoA-EIS	615 > 570	1.37e4		0.113	1054.715	5.60	5.58	13700	115.3070	104.3		
54	83	13C2-PFDoA-EIS	615 > 570	1.37e4		0.113	1054.715	5.60	5.58	13700	115.3070	104.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.46e3	0.113		6.06						YES
57	38	N-MeFOSA	512.1 > 168.9		2.03e3	0.113		5.68						YES
58	42	N-EtFOSA	526.1 > 168.9		2.74e3	0.113		6.13						YES
59	43	PFHxDA	813.1 > 768.6		8.73e3	0.113		6.41						YES
60	45	N-MeFOSE	616.1 > 58.9		3.62e3	0.113		6.35						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.46e3		0.113	886.344	6.08	6.06	7460	74.4259	67.3		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.03e3		0.113	84.837	5.72	5.69	2030	211.5604	16.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.74e3		0.113	127.429	6.16	6.15	2740	189.9180	14.4		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.73e3		0.113	1186.125	6.62	6.41	8730	65.1127	58.9		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.62e3		0.113	66.928	6.35	6.35	3620	478.9701	36.3		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.89e3	0.113		6.50						
68	1...	TDCA	498.3>106.9			0.113		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		
70	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		
71	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.89e3		0.113	73.193	6.51	6.50	4890	591.2654	44.8		

Vista Analytical Laboratory L26

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:01 Pacific Daylight Time

Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.53e3		0.113	212.650	4.95	4.67	2530	105.1849	95.1		

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:01 Pacific Daylight Time

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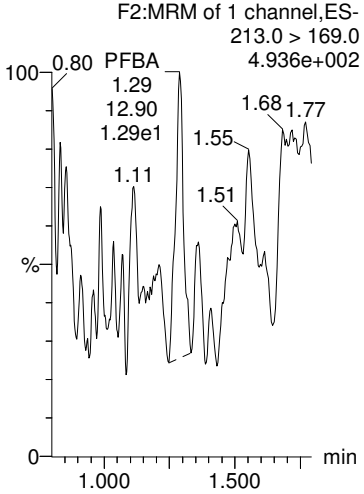
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

PFBA



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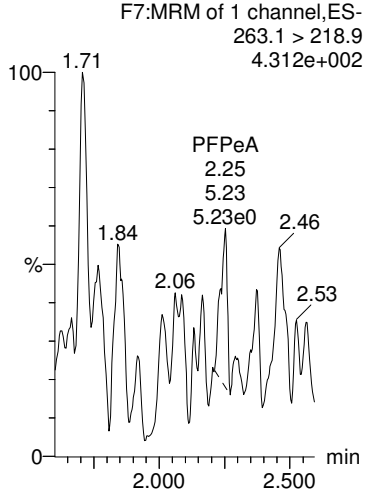

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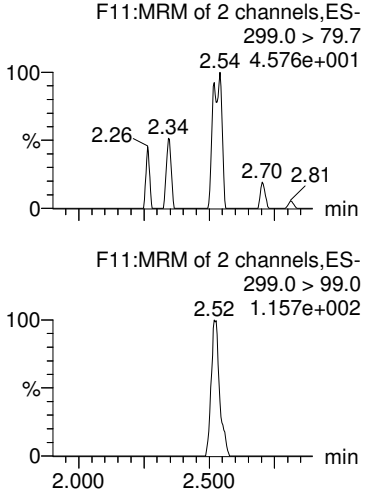

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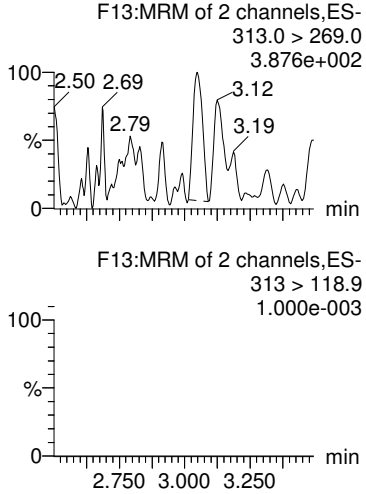

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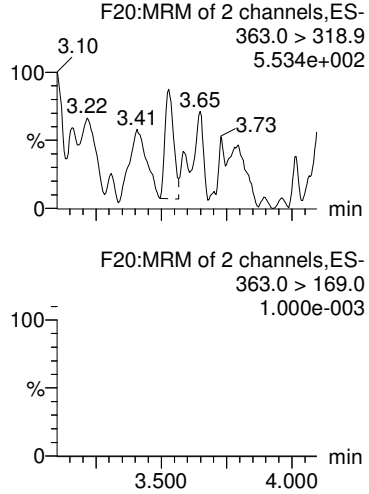

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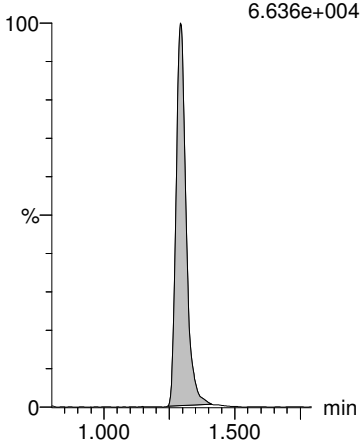

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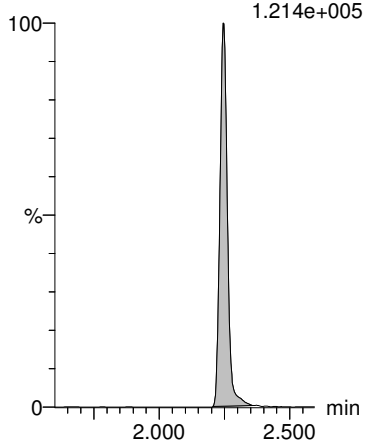

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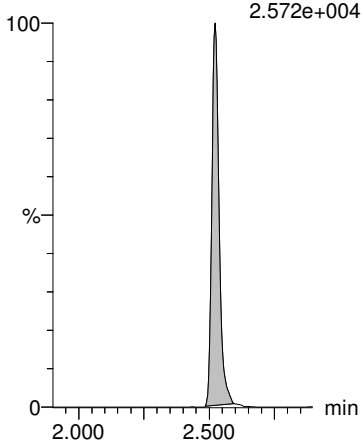

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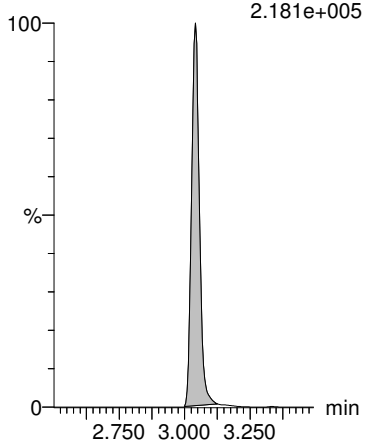

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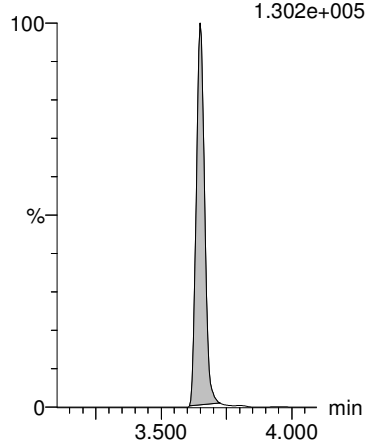


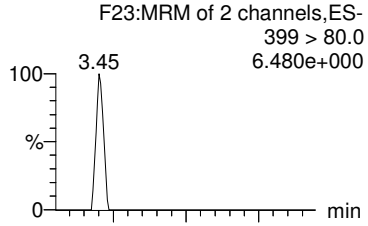
GM 6/5/2020

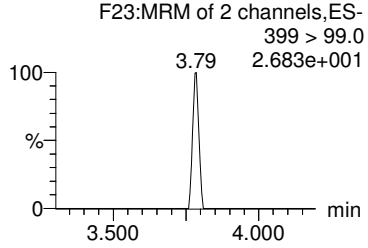
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:01 Pacific Daylight Time

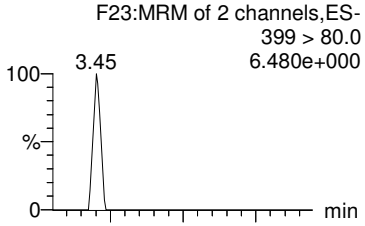
Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

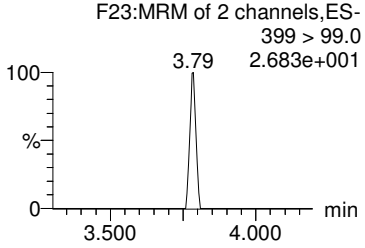
L-PFHxS



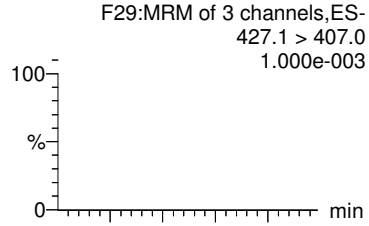


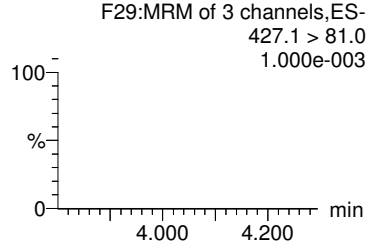
Total PFHxS





6:2 FTS





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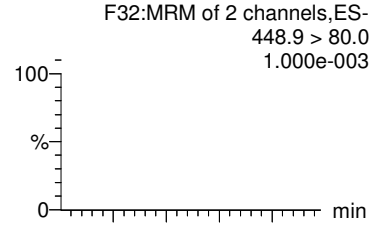

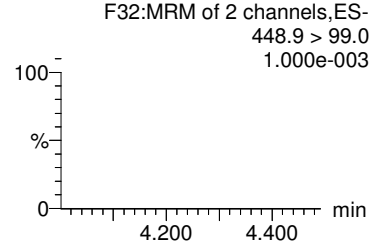

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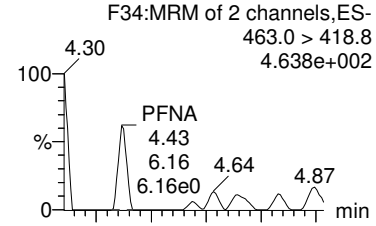

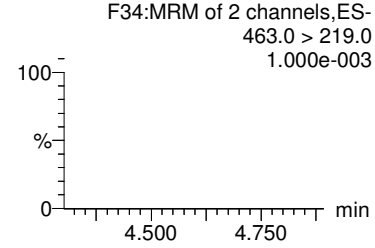

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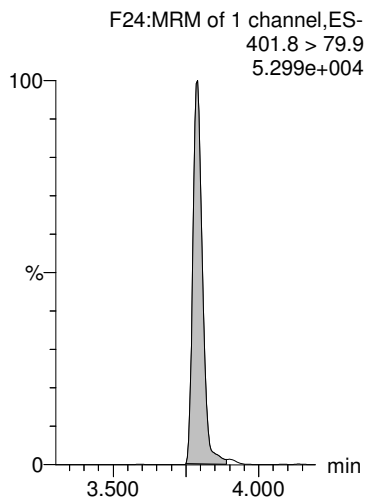

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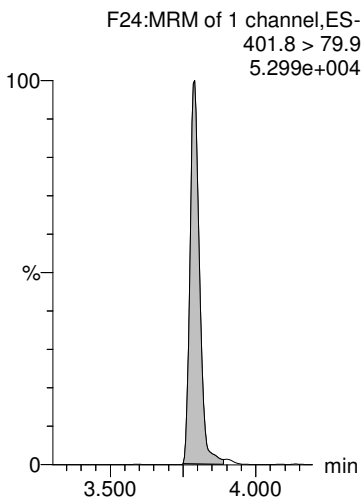

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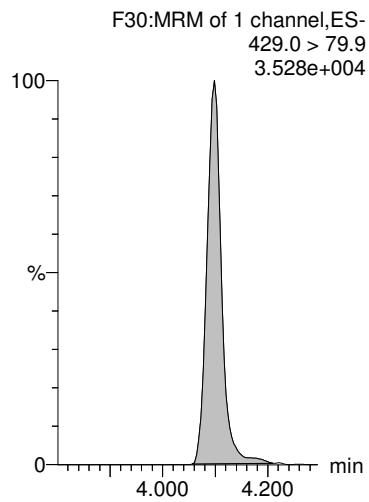

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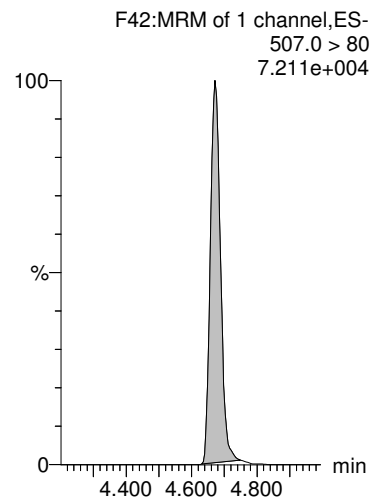

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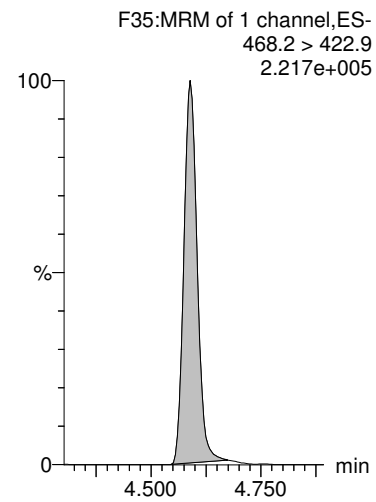

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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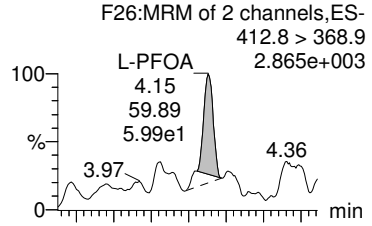
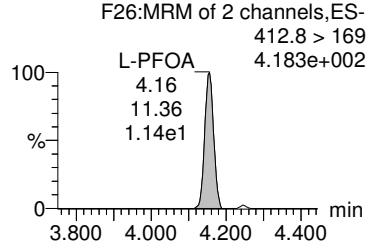
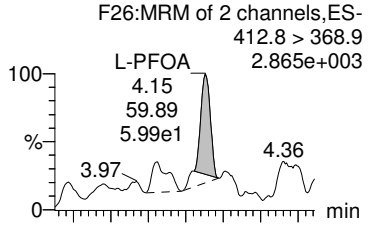
Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

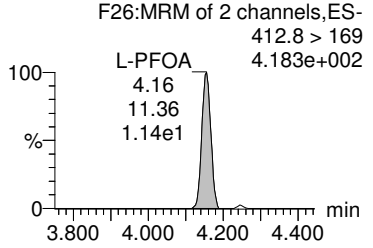
L-PFOA



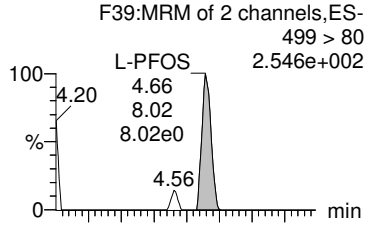


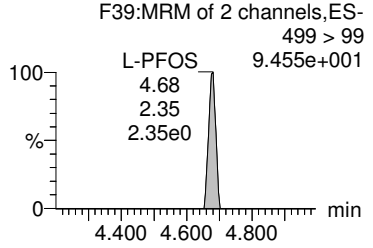
Total PFOA



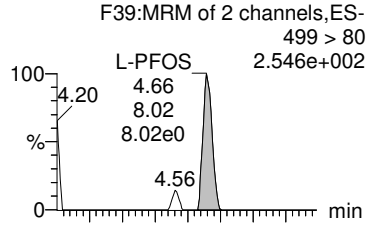


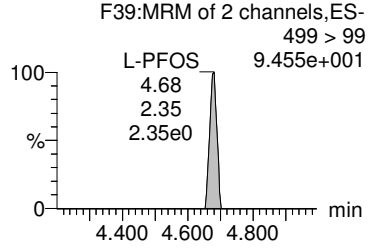
L-PFOS





Total PFOS





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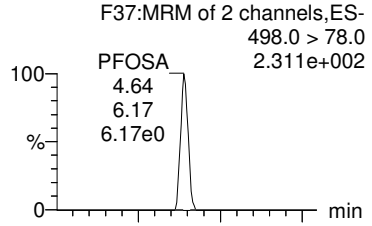

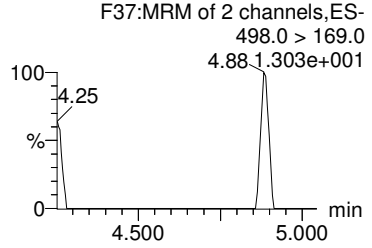

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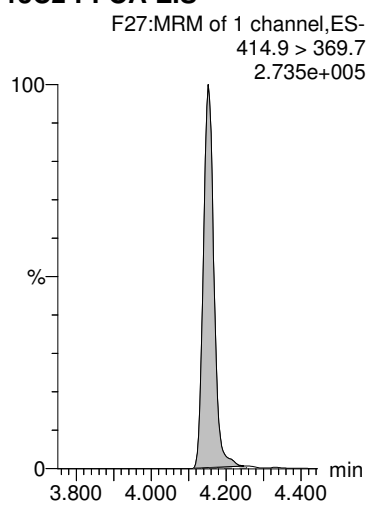

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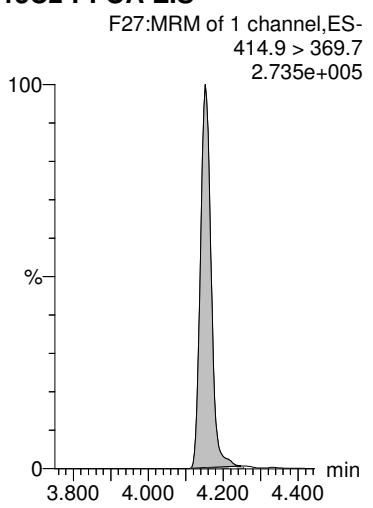

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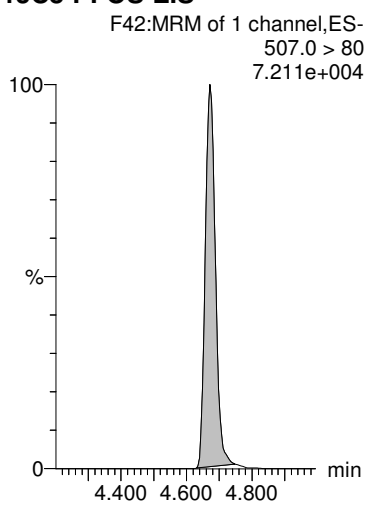

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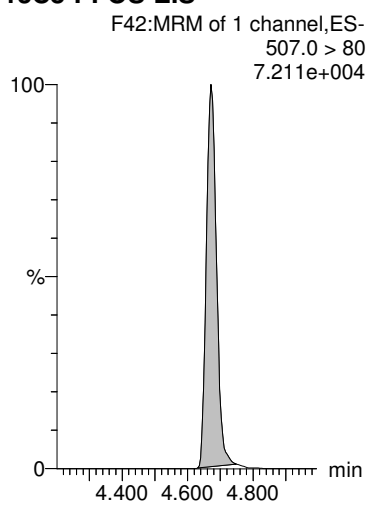
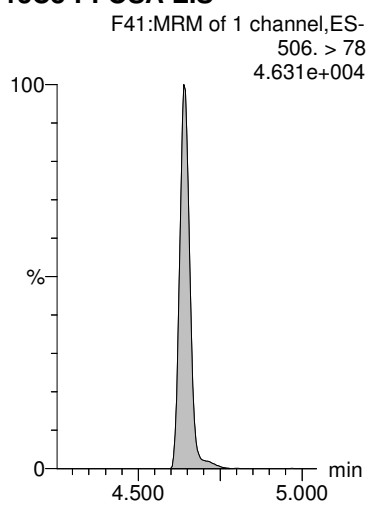


13C8-PFOSA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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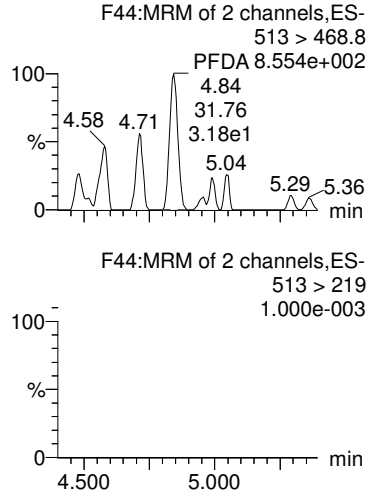
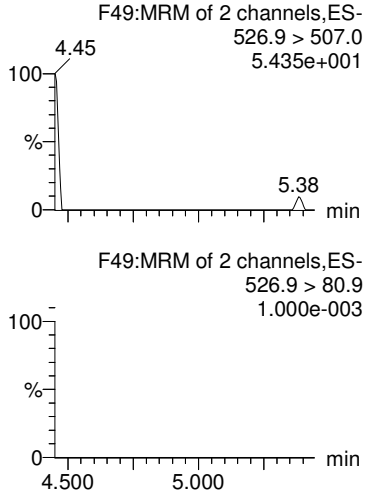
Printed: Friday, June 05, 2020 17:35:01 Pacific Daylight Time

Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

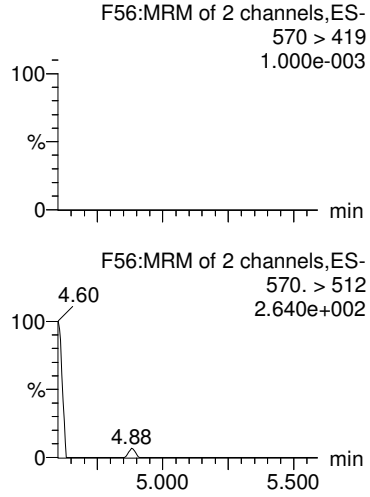
PFDA



8:2 FTS



L-MeFOSAA



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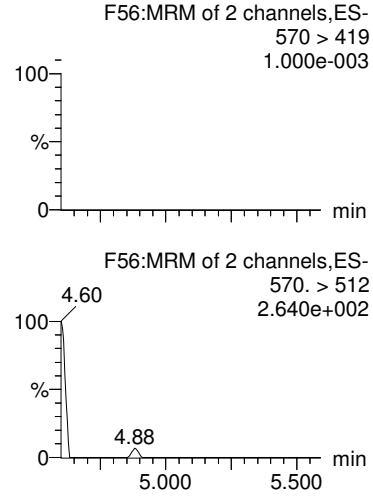
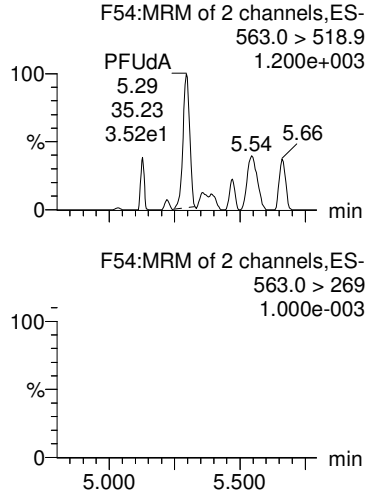
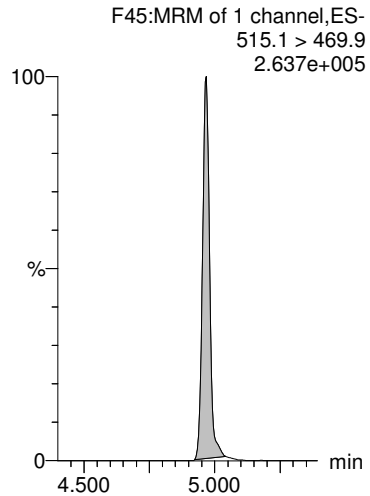


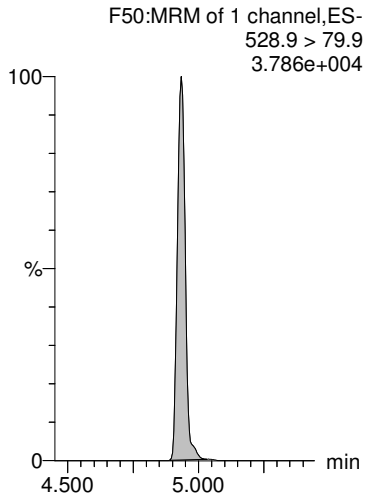
PFUdA



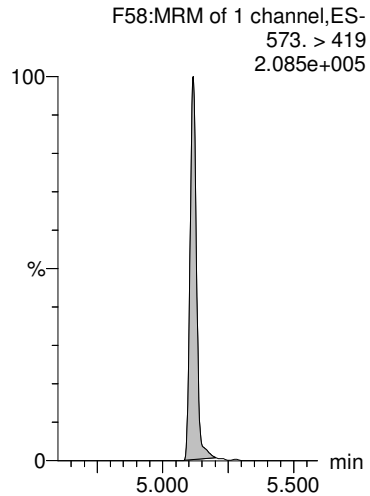
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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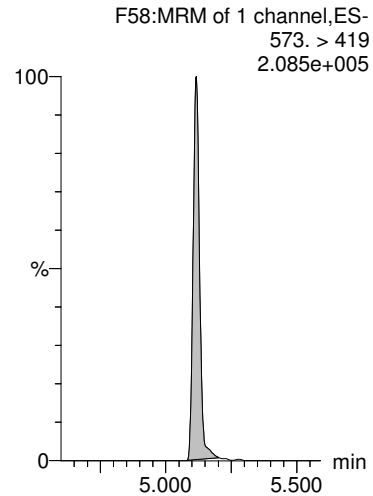
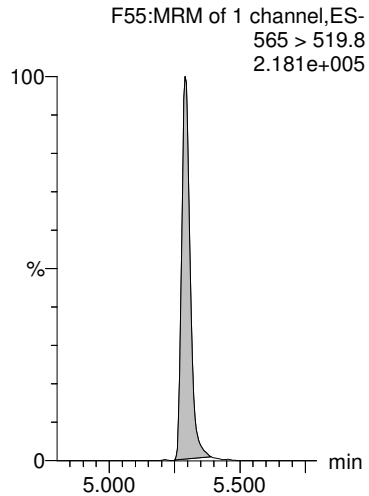


13C2-PFUdA-EIS



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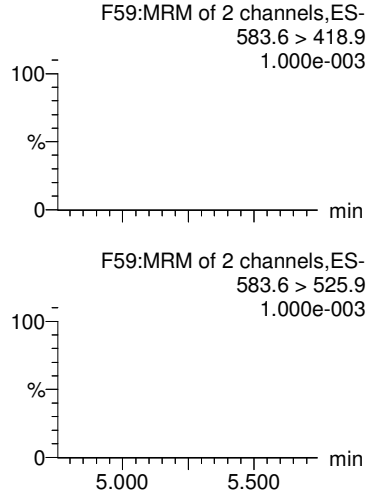
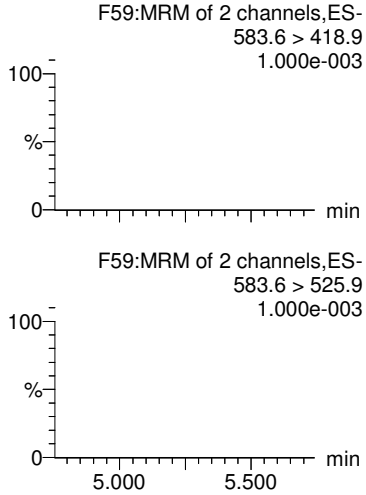
Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

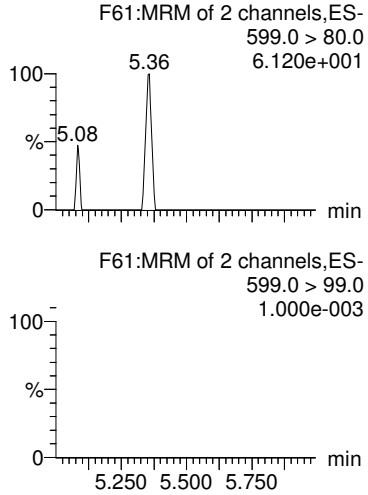
L-EtFOSAA



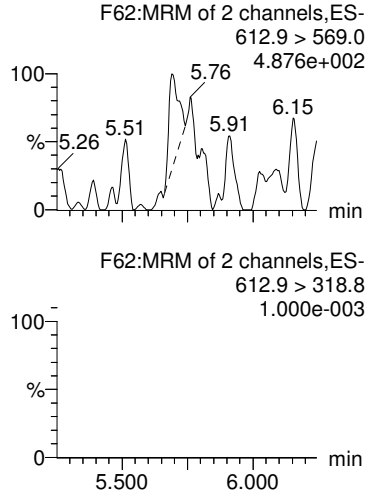
Total N-EtFOSAA



PFDS



PFDoA



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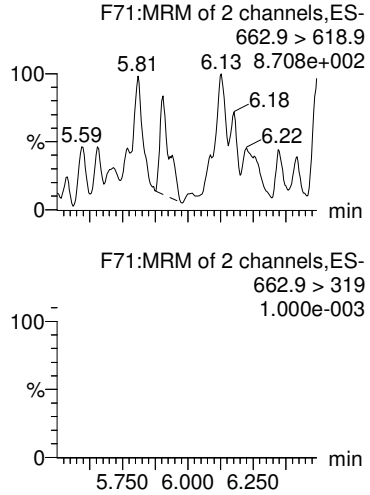
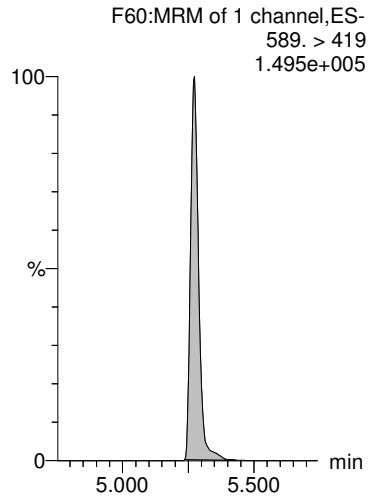
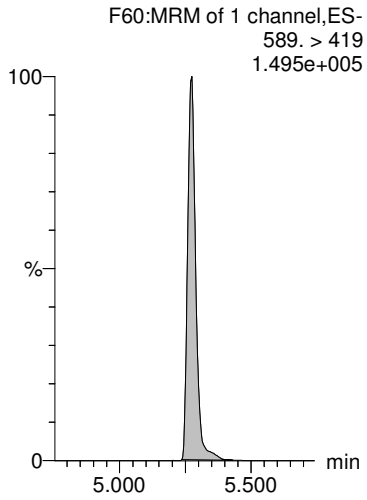


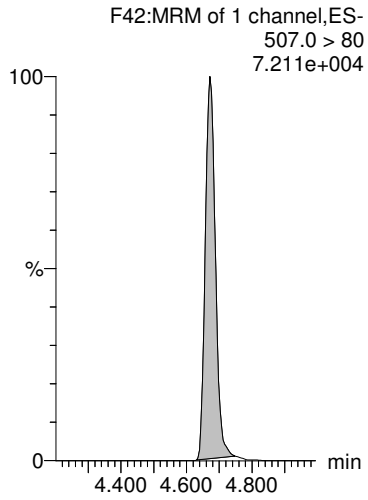
d5-N-EtFOSAA-EIS



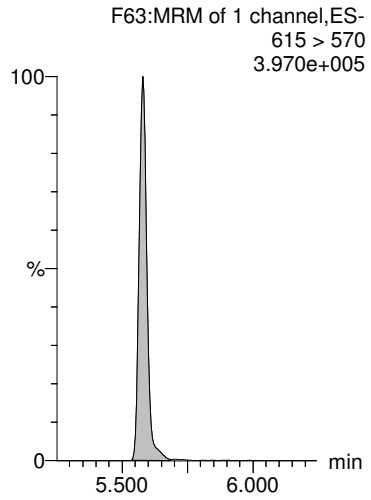
d5-N-EtFOSAA-EIS



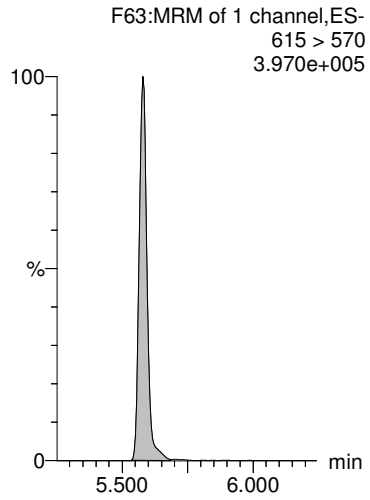
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS



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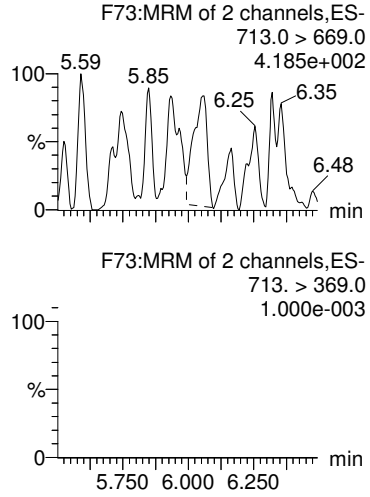
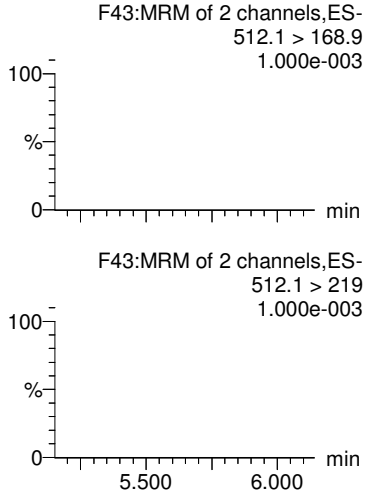
Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

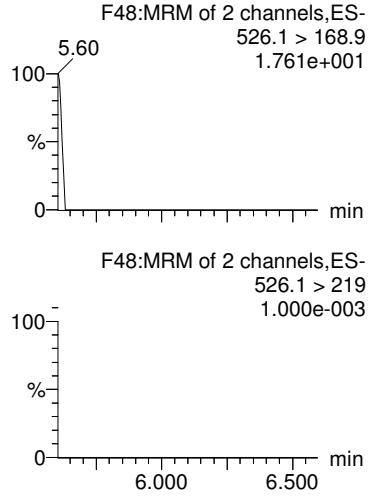
PFTeDA



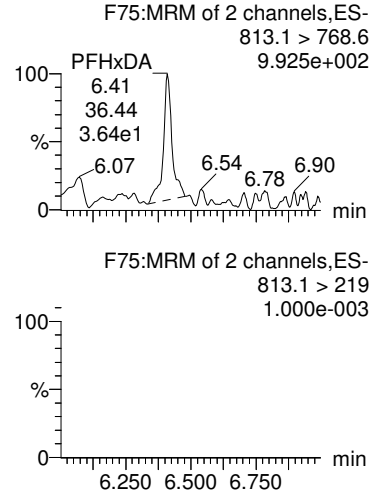
N-MeFOSA



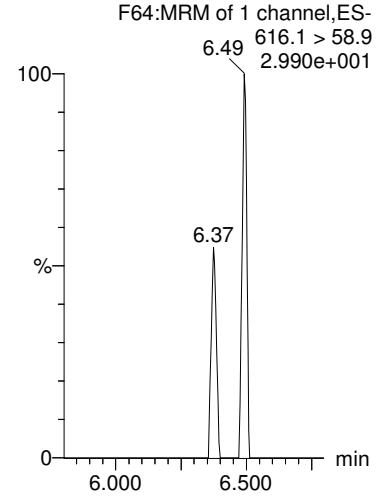
N-EtFOSA



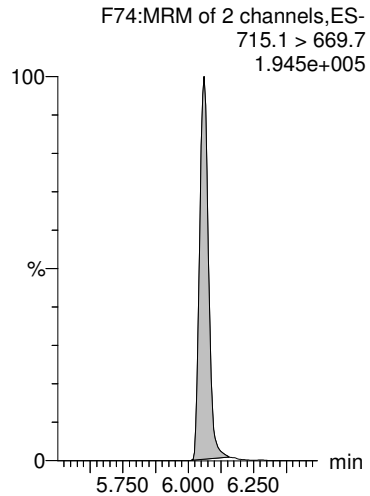
PFHxDA



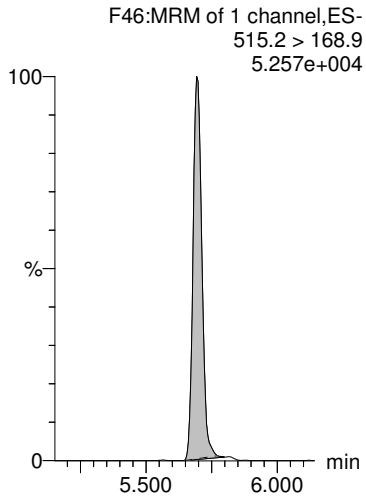
N-MeFOSE



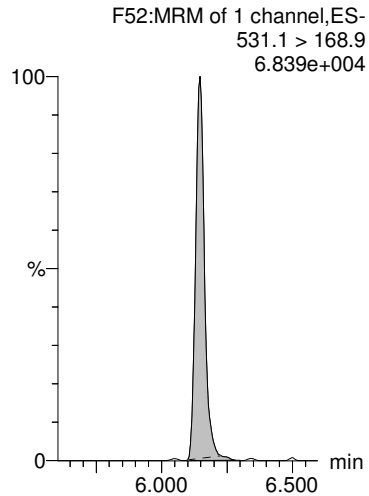
13C2-PFTeDA-EIS



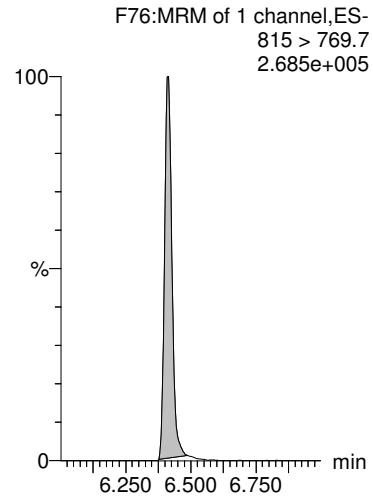
d3-N-MeFOSA-EIS



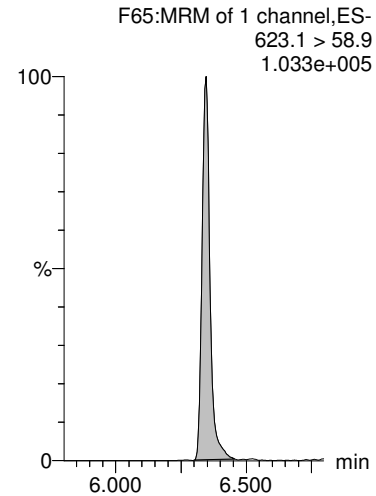
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



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Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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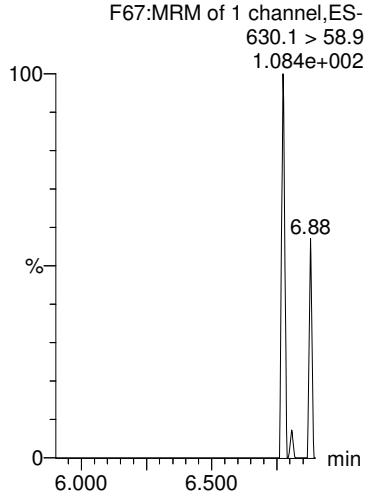
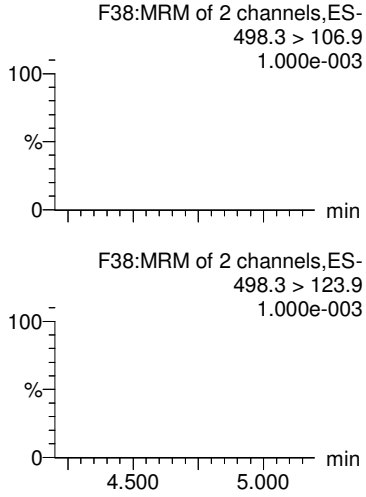
Name: 200602M2_74, Date: 03-Jun-2020, Time: 04:54:22, ID: 2001090-08 GW-MW-20S 0.11302, Description: GW-MW-20S

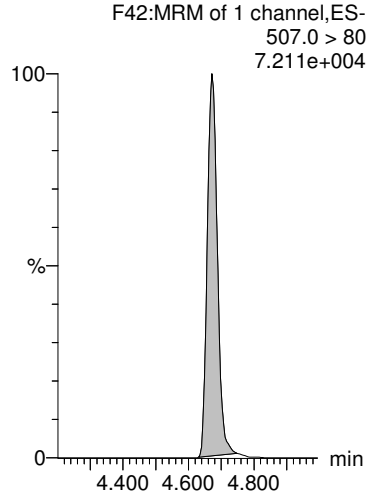
N-EtFOSE



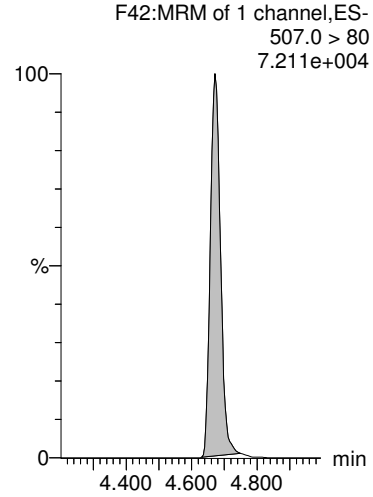
TDCA



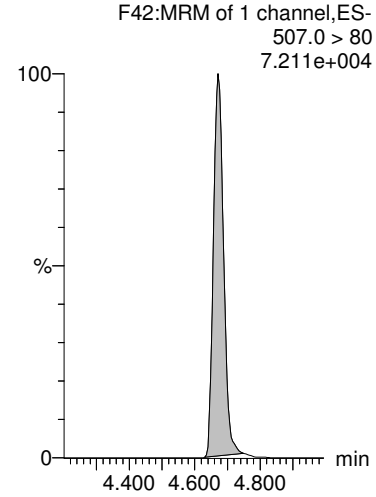
13C8-PFOS-EIS



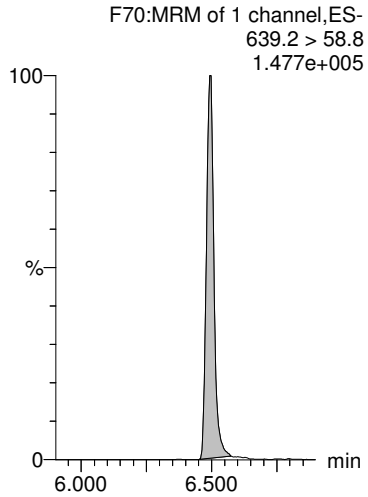
13C8-PFOS-EIS



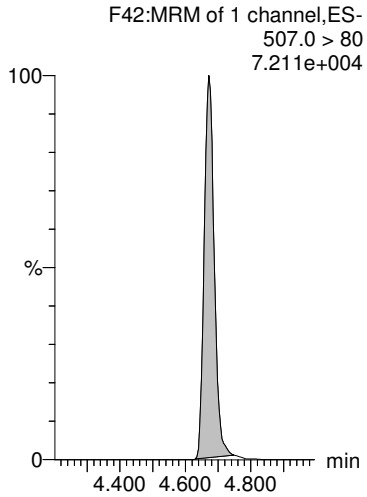
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		2.57e3	0.113		1.29						
2	4	PFPeA	263.1 > 218.9		3.51e3	0.113		2.24						
3	5	PFBS	299.0 > 79.7		8.79e2	0.113		2.52						YES
4	7	PFHxA	313.0 > 269.0		6.81e3	0.113		3.04						YES
5	11	PFHpA	363.0 > 318.9		4.02e3	0.113		3.65						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.57e3		0.113	174.310	1.30	1.29	2570	130.1658	118.1		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.51e3		0.113	355.452	2.24	2.24	3510	87.1181	79.1		
8	51	13C3-PFBS-EIS	302.0 > 99	8.79e2		0.113	74.705	2.52	2.52	879	103.7828	94.2		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.81e3		0.113	673.292	3.04	3.04	6810	89.2098	81.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.02e3		0.113	418.493	3.79	3.65	4020	84.6855	76.8		
11	-1													
12	13	L-PFHxS	399 > 80.0		2.46e3	0.113		3.79						YES
13	1...	Total PFHxS	399 > 80	0.00e0	2.46e3	0.113		3.83		0.000				
14	15	6:2 FTS	427.1 > 407.0		1.10e3	0.113		4.10						YES
15	19	PFHpS	448.9 > 80.0		2.48e3	0.113		4.29						YES
16	21	PFNA	463.0 > 418.8		6.73e3	0.113		4.59						YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.46e3		0.113	185.544	3.80	3.79	2460	116.8929	106.1		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.46e3		0.113	185.544	3.80	3.79	2460	116.8929	106.1		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.10e3		0.113	101.130	4.19	4.10	1100	95.8470	87.0		
20	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	6.73e3		0.113	674.136	4.80	4.59	6730	88.0168	79.9		
22	-1													
23	16	L-PFOA	412.8 > 368.9	3.75e2	8.46e3	0.113		4.15	4.15	0.553	2.7603		3.61	NO
24	1...	Total PFOA	412.8 > 368.9	3.75e2	8.46e3	0.113		4.20		0.553	2.7603			
25	23	L-PFOS	499 > 80		2.48e3	0.113		4.68						YES
26	1...	Total PFOS	499 > 80	0.00e0	2.48e3	0.113		4.73		0.000				
27	22	PFOSA	498.0 > 78.0	8.58e1	1.37e3	0.113		4.65	4.65	0.780	7.1351		132	YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.46e3		0.113	778.175	4.30	4.15	8460	95.8996	87.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.46e3		0.113	778.175	4.30	4.15	8460	95.8996	87.0		
30	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		
31	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		
32	67	13C8-PFOSA-EIS	506. > 78	1.37e3		0.113	231.112	4.76	4.65	1370	52.4496	47.6		
33	-1													
34	26	PFDA	513 > 468.8		6.44e3	0.113		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		1.08e3	0.113		4.94						YES
36	29	L-MeFOSAA	570 > 419		5.10e3	0.113		5.12						YES

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Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.10e3	0.113		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.05e4	0.113		5.29						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	6.44e3		0.113	717.399	5.10	4.97	6440	79.1935	71.9		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.08e3		0.113	107.927	4.98	4.94	1080	88.5093	80.3		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.10e3		0.113	596.470	5.13	5.12	5100	75.4447	68.5		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.10e3		0.113	596.470	5.13	5.12	5100	75.4447	68.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.05e4		0.113	1057.423	5.55	5.29	10500	87.6586	79.5		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		4.64e3	0.113		5.28						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	4.64e3	0.113		5.33		0.000				
47	34	PFDS	599.0 > 80.0		2.48e3	0.113		5.30						YES
48	37	PFDoA	612.9 > 569.0		1.08e4	0.113		5.58						YES
49	39	PFTrDA	662.9 > 618.9		1.08e4	0.113		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	4.64e3		0.113	475.939	5.43	5.28	4640	85.9774	78.0		
51	81	d5-N-EtFOSAA-EIS	589. > 419	4.64e3		0.113	475.939	5.43	5.28	4640	85.9774	78.0		
52	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		
53	83	13C2-PFDoA-EIS	615 > 570	1.08e4		0.113	1054.715	5.60	5.58	10800	90.6067	82.2		
54	83	13C2-PFDoA-EIS	615 > 570	1.08e4		0.113	1054.715	5.60	5.58	10800	90.6067	82.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.96e3	0.113		6.05						YES
57	38	N-MeFOSA	512.1 > 168.9		1.91e3	0.113		5.69						YES
58	42	N-EtFOSA	526.1 > 168.9		2.96e3	0.113		6.13						YES
59	43	PFHxDA	813.1 > 768.6		8.59e3	0.113		6.41						YES
60	45	N-MeFOSE	616.1 > 58.9		4.21e3	0.113		6.34						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.96e3		0.113	886.344	6.08	6.05	6960	69.2364	62.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.91e3		0.113	84.837	5.72	5.70	1910	198.6101	15.1		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.96e3		0.113	127.429	6.16	6.15	2960	205.0748	15.6		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.59e3		0.113	1186.125	6.62	6.41	8590	63.8634	58.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.21e3		0.113	66.928	6.35	6.34	4210	554.4459	42.2		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		5.23e3	0.113		6.49						
68	1...	TDCA	498.3>106.9			0.113		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		
70	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		
71	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.23e3		0.113	73.193	6.51	6.49	5230	630.1655	47.9		

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	2.48e3		0.113	212.650	4.95	4.68	2480	102.7632	93.3		

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

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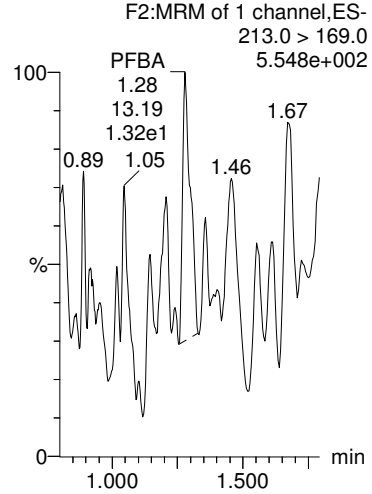

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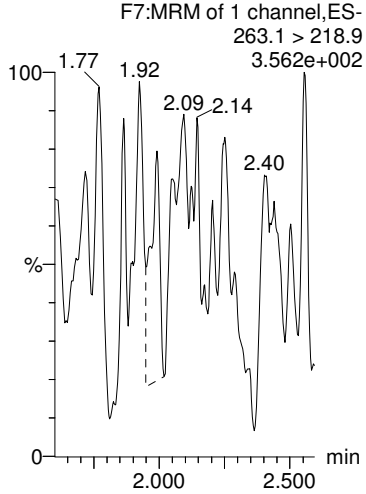

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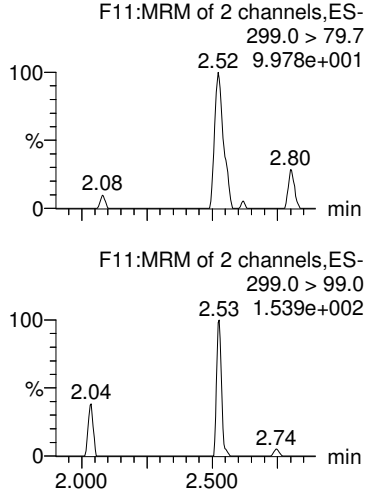

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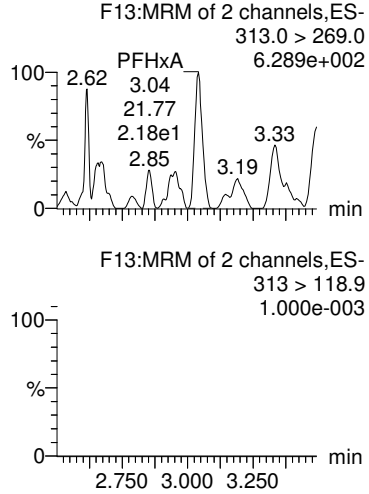

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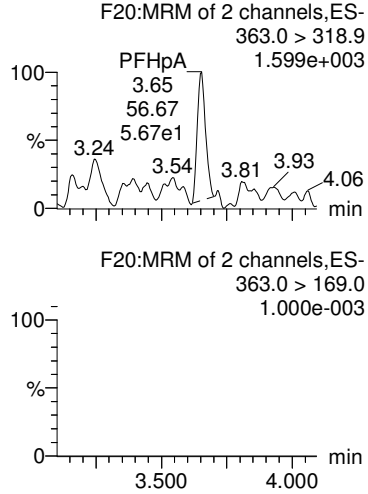

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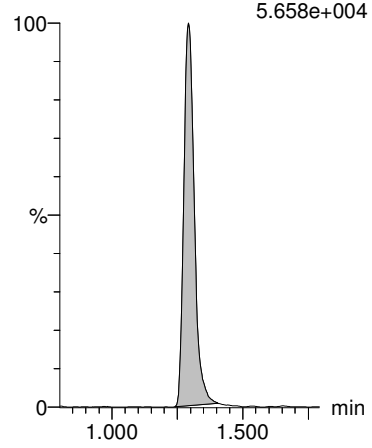

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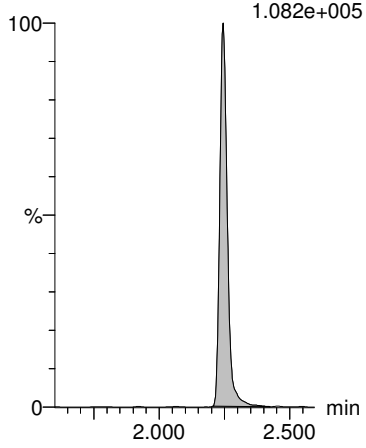

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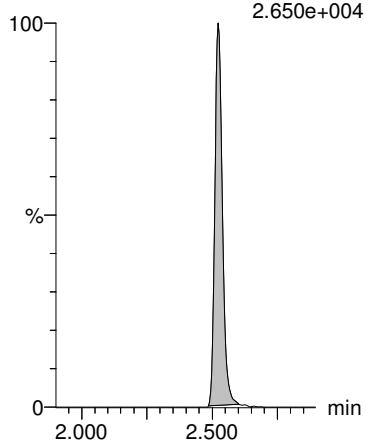

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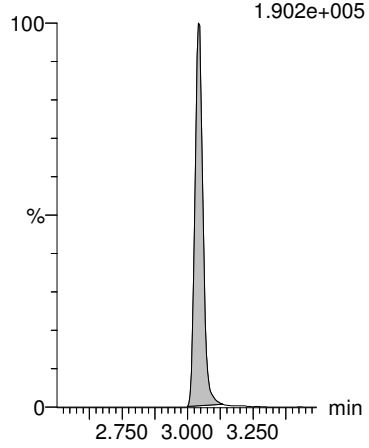

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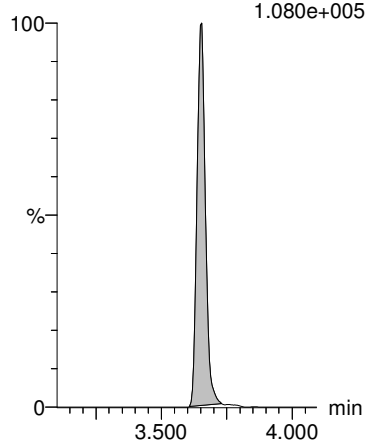

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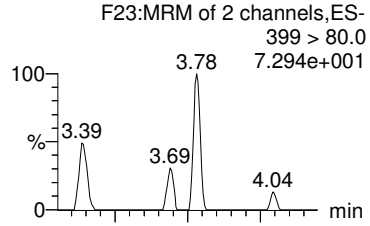
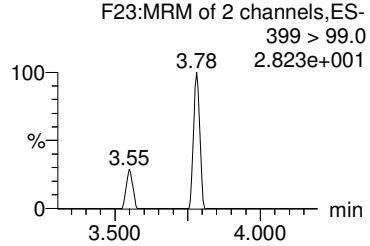
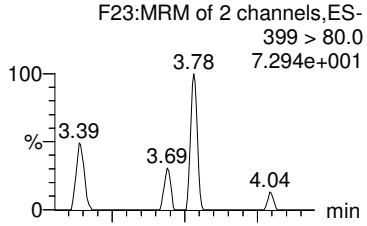
Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

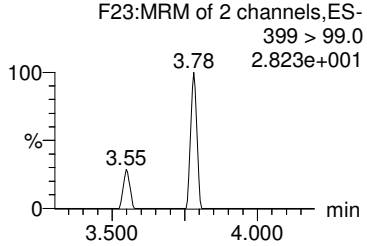
L-PFHxS



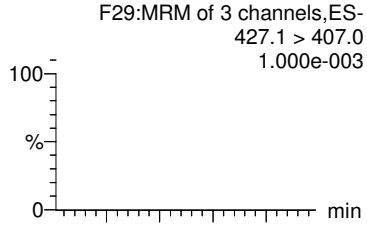


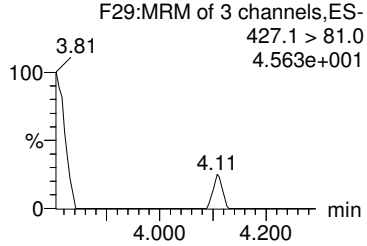
Total PFHxS





6:2 FTS





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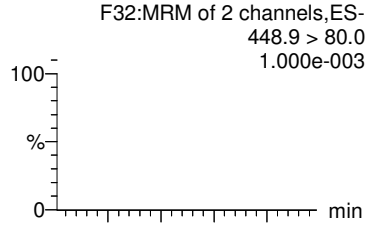

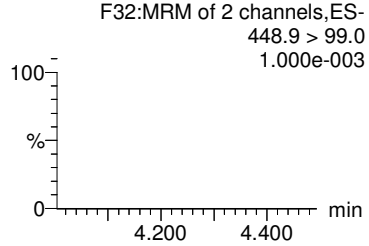

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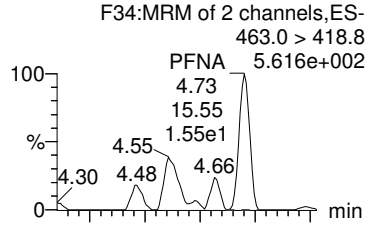
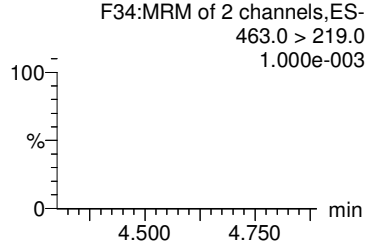
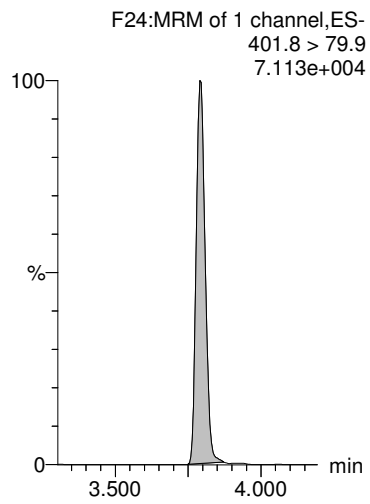




13C3-PFHxS-EIS



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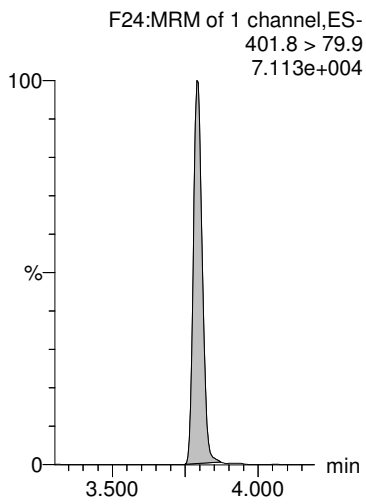
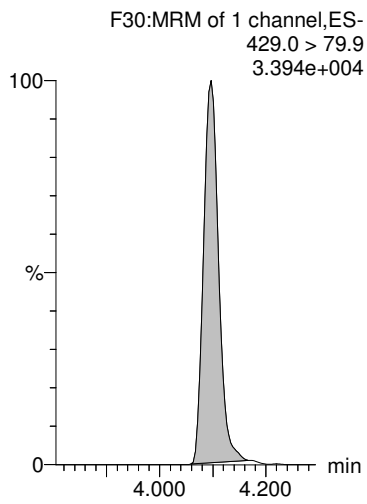


13C2-6:2 FTS-EIS



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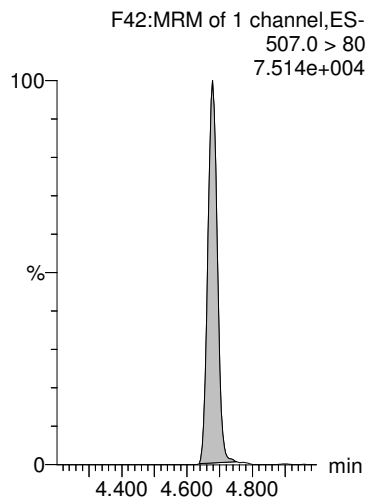

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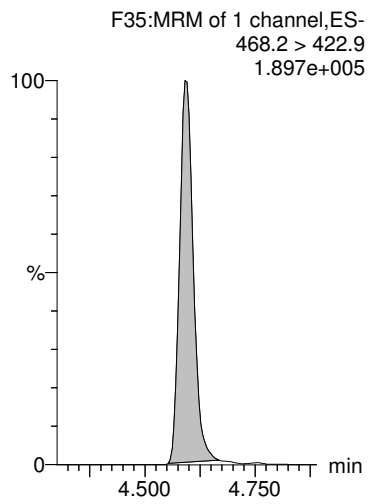

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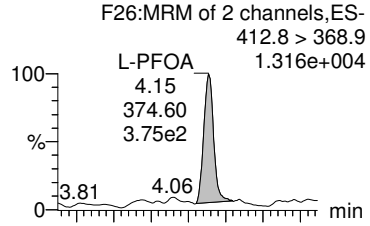
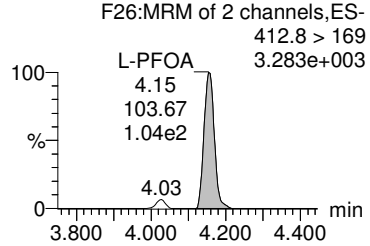
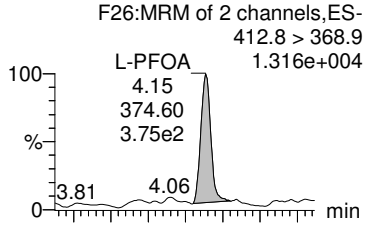
Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

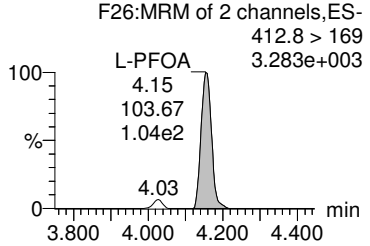
L-PFOA



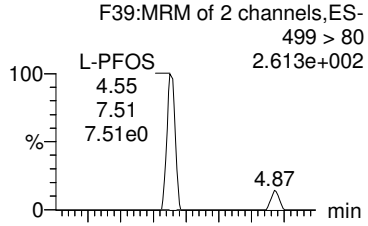


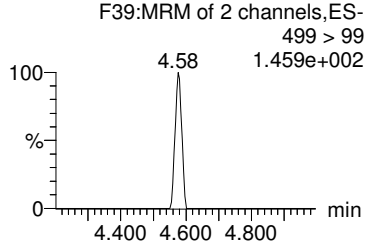
Total PFOA



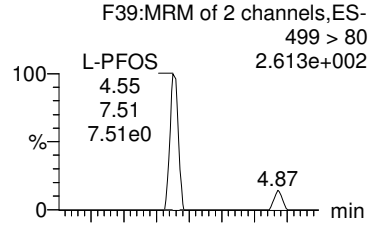


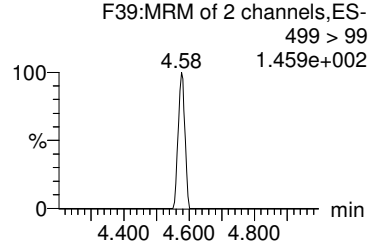
L-PFOS





Total PFOS





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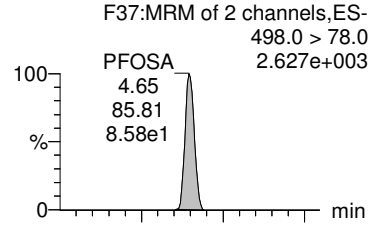

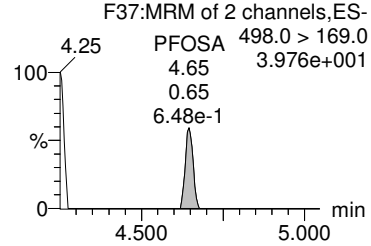

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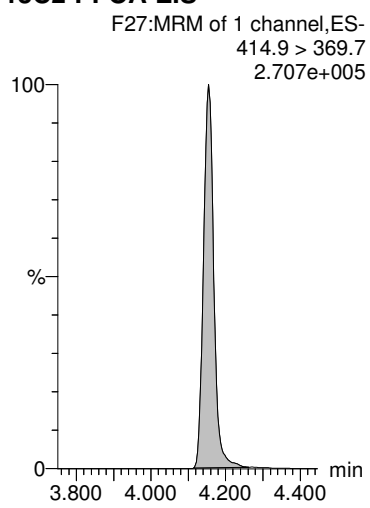

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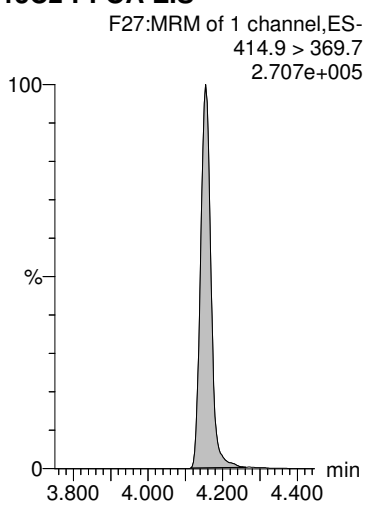

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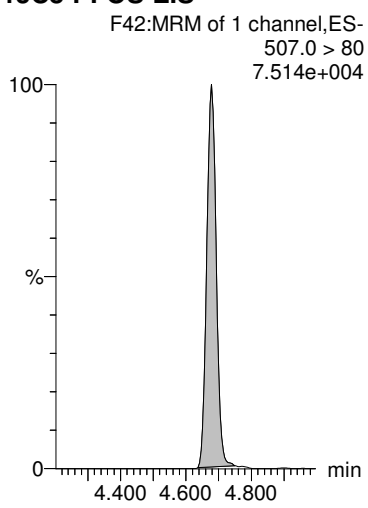

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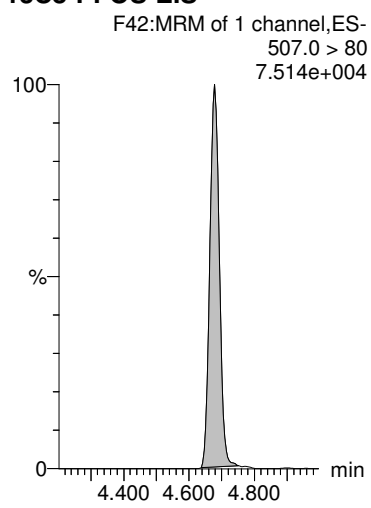
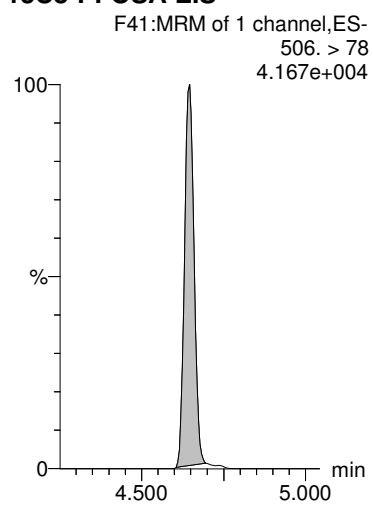


13C8-PFOSA-EIS

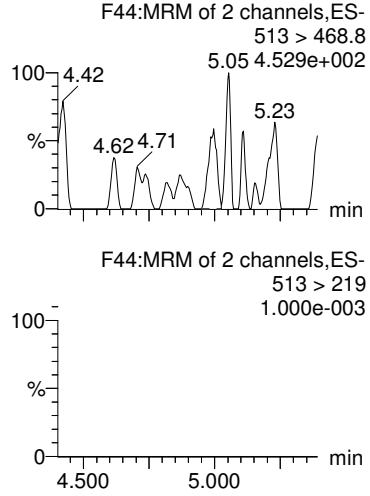


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

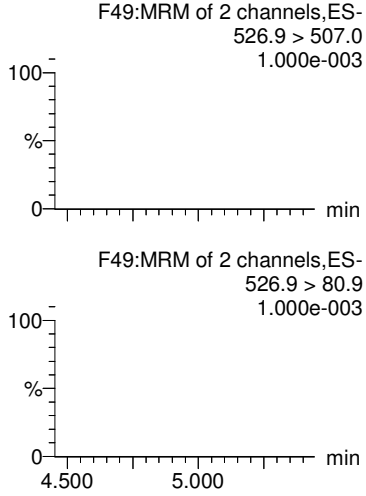
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:09 Pacific Daylight Time

Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

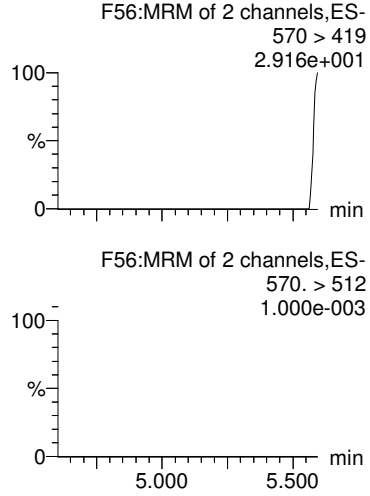
PFDA



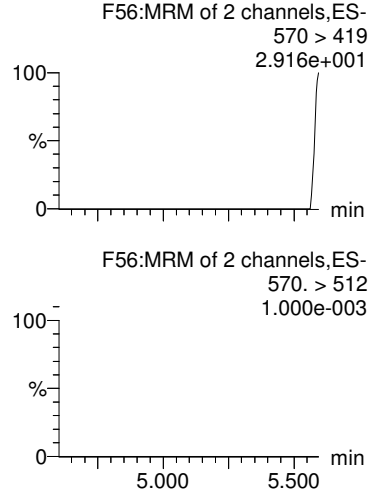
8:2 FTS



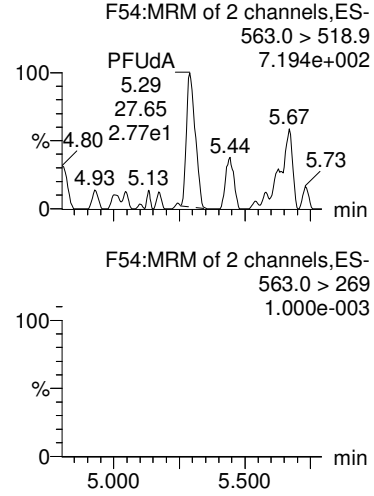
L-MeFOSAA



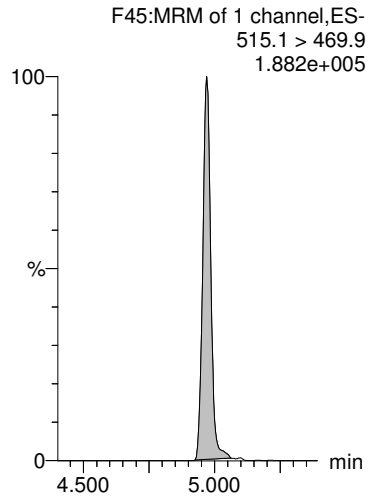
Total N-MeFOSAA



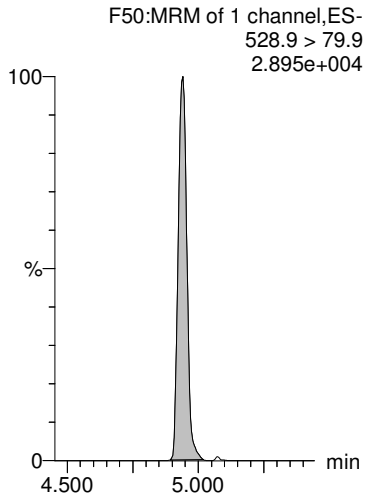
PFUdA



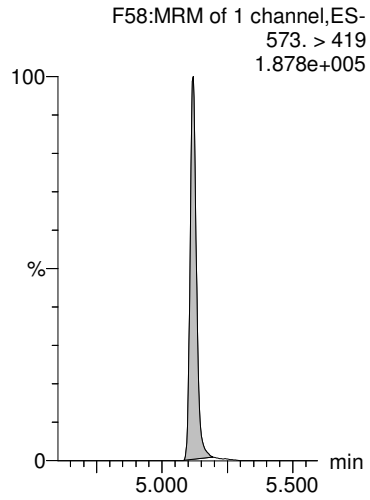
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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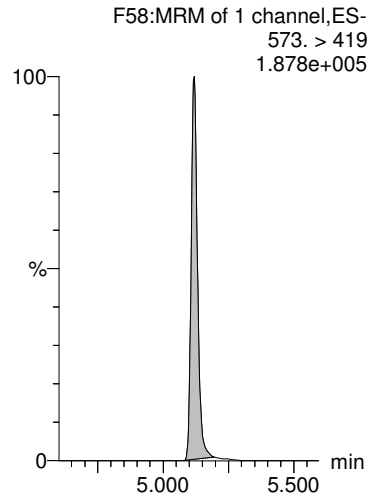
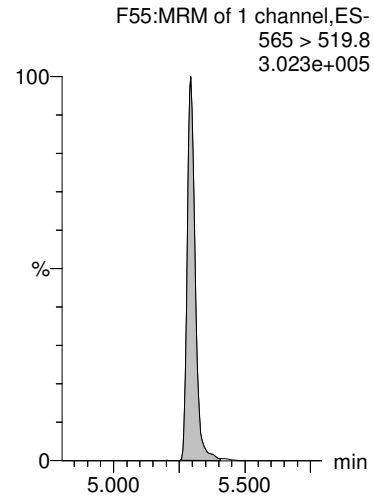


13C2-PFUdA-EIS



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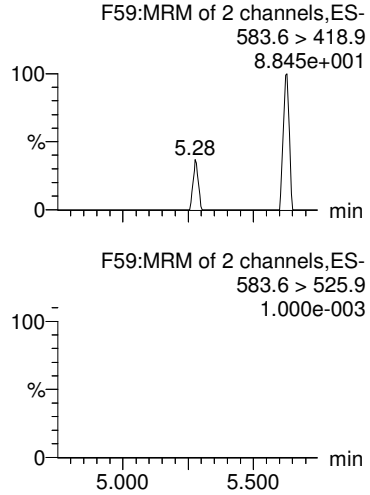
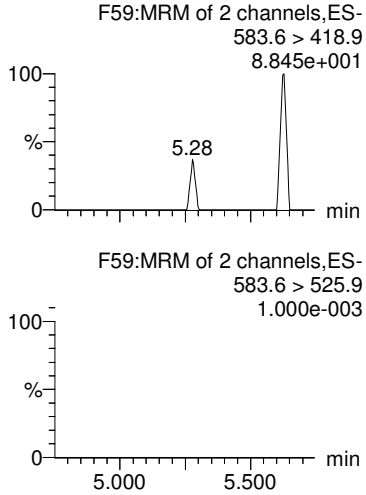
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:09 Pacific Daylight Time

Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

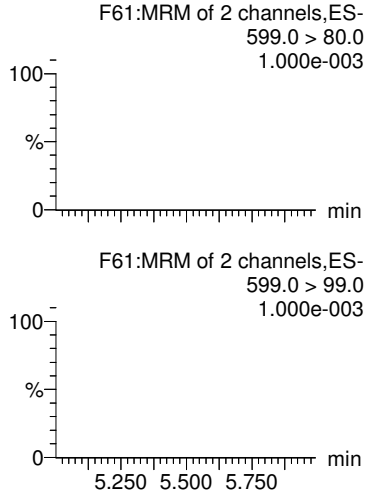
L-EtFOSAA



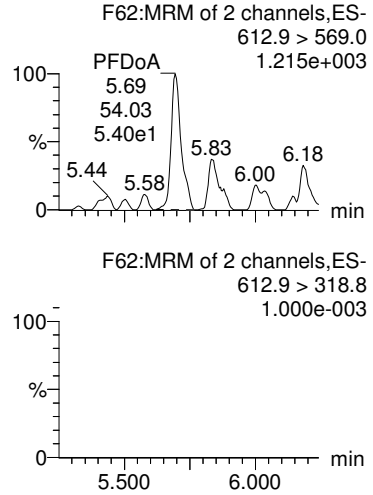
Total N-EtFOSAA



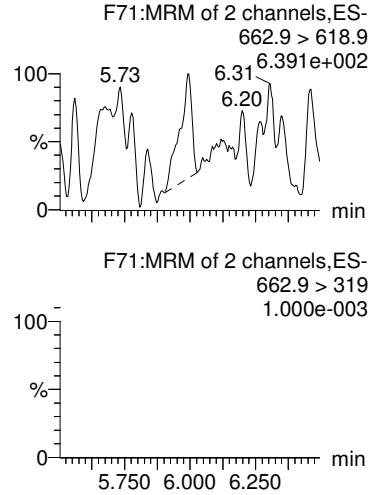
PFDS



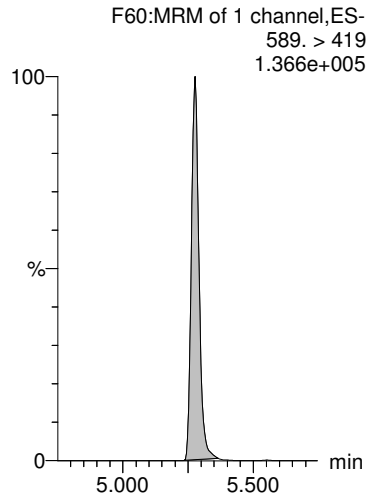
PFDoA



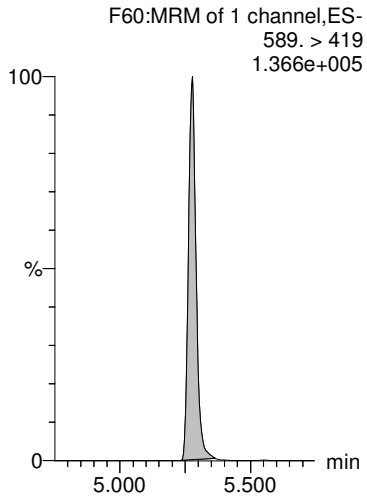
PFTrDA



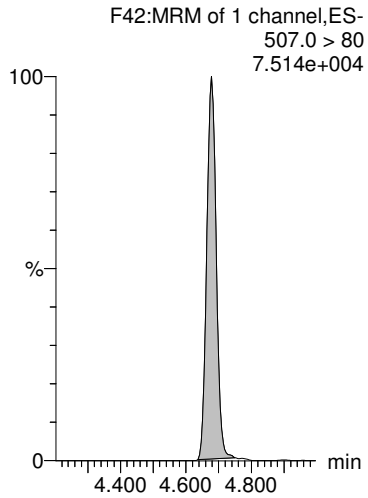
d5-N-EtFOSAA-EIS



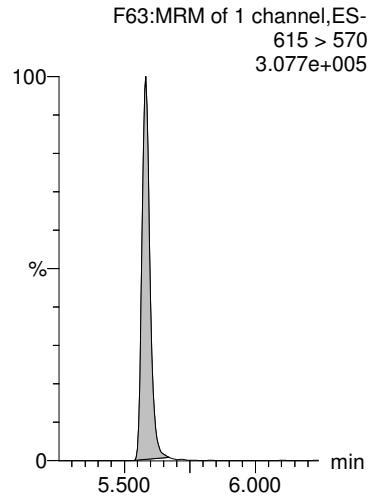
d5-N-EtFOSAA-EIS



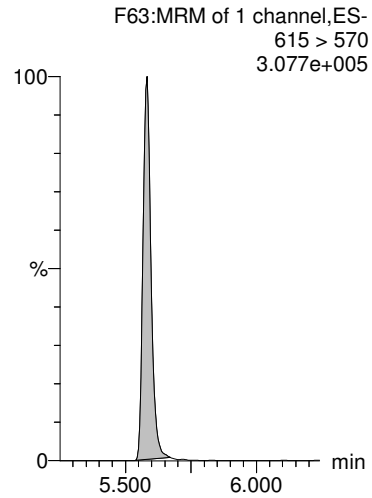
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS

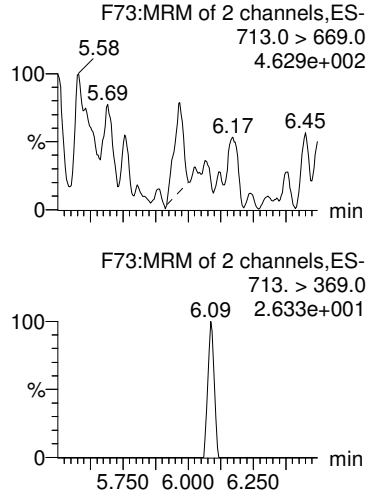


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

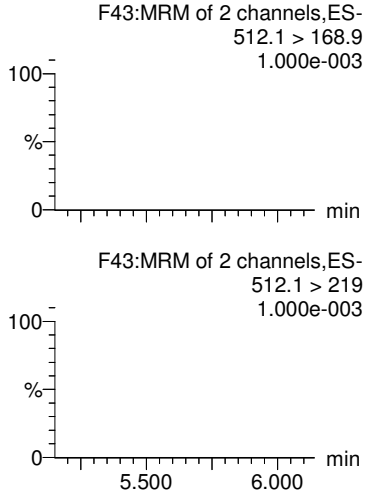
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:09 Pacific Daylight Time

Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

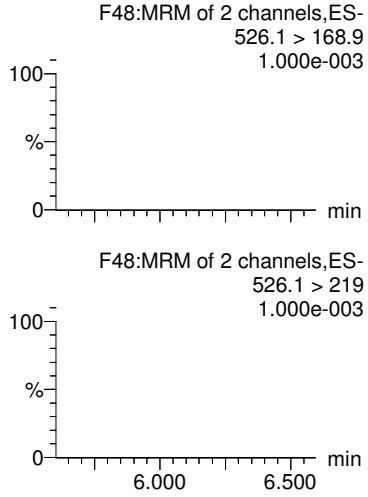
PFTeDA



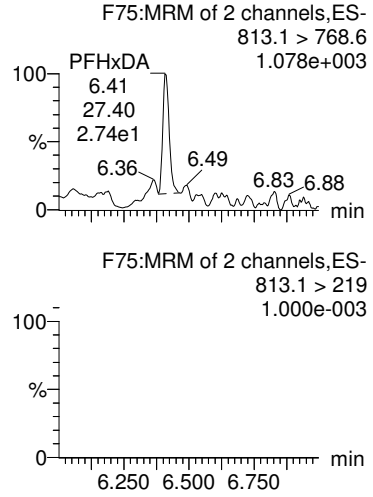
N-MeFOSA



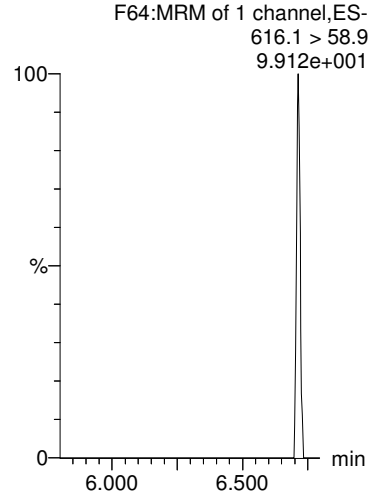
N-EtFOSA



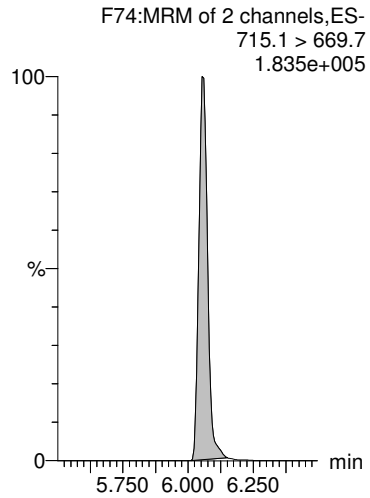
PFHxDA



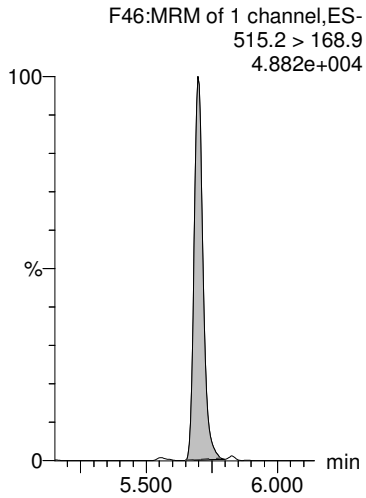
N-MeFOSE



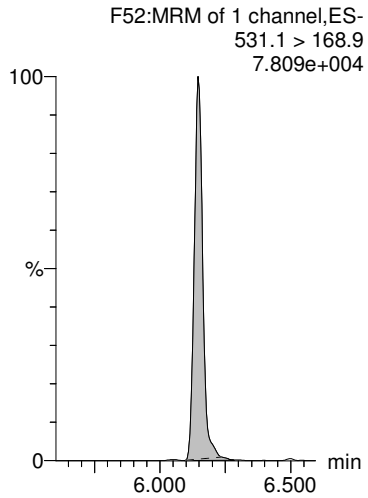
13C2-PFTeDA-EIS



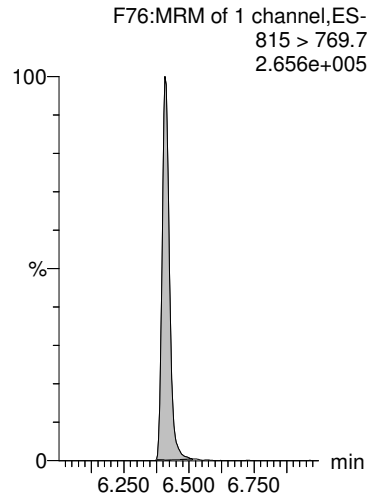
d3-N-MeFOSA-EIS



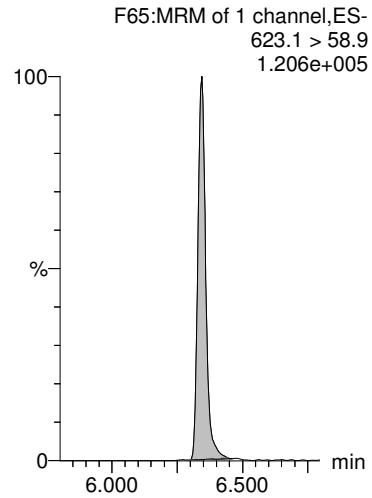
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



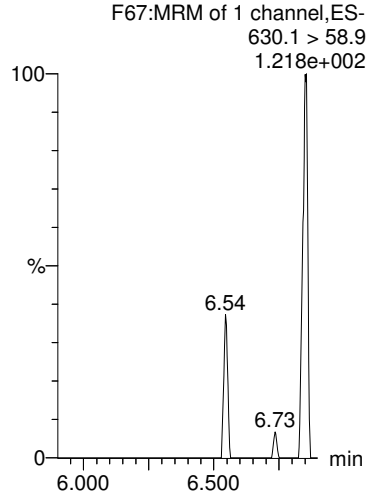
GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

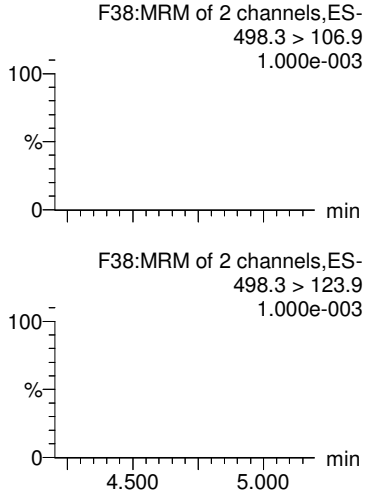
Last Altered: Friday, June 05, 2020 17:26:55 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:35:09 Pacific Daylight Time

Name: 200602M2_75, Date: 03-Jun-2020, Time: 05:04:44, ID: 2001090-09 GW-OP-5 0.11343, Description: GW-OP-5

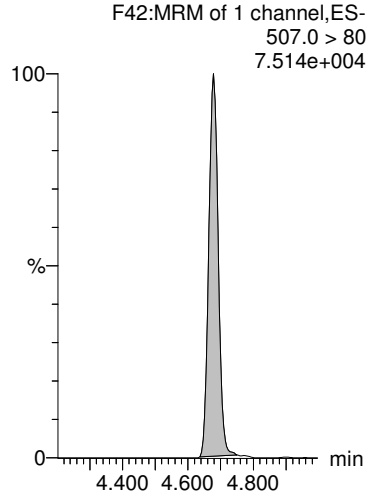
N-EtFOSE



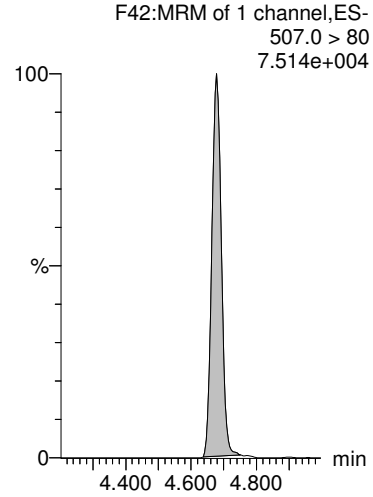
TDCA



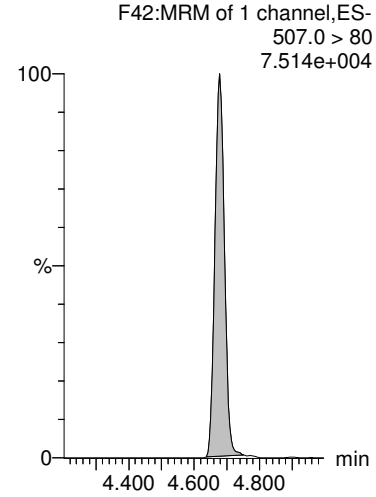
13C8-PFOS-EIS



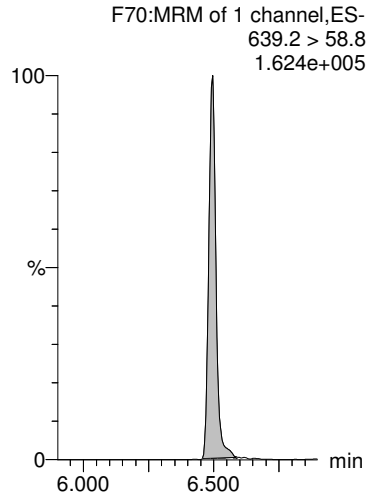
13C8-PFOS-EIS



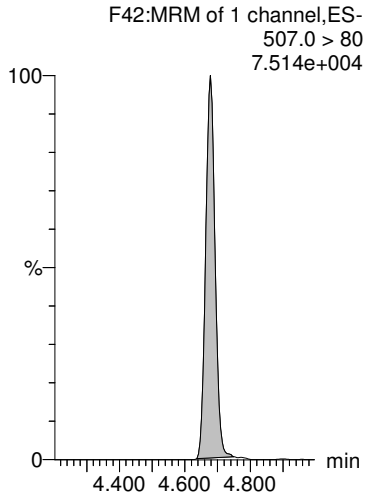
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

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Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.97e2	2.42e3	0.115		1.30	1.29	1.02	7.4266			
2	4	PFPeA	263.1 > 218.9	3.73e2	3.68e3	0.115		2.24	2.25	1.27	10.9301			
3	5	PFBS	299.0 > 79.7	5.64e1	9.26e2	0.115		2.52	2.53	0.761	2.5968		4.08	NO
4	7	PFHxA	313.0 > 269.0	1.22e3	7.28e3	0.115		3.04	3.04	2.09	18.1155		20.4	NO
5	11	PFHpA	363.0 > 318.9	1.41e3	4.34e3	0.115		3.65	3.65	4.06	28.0241		13.2	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.42e3		0.115	174.310	1.30	1.30	2420	121.0963	110.9		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.68e3		0.115	355.452	2.24	2.24	3680	90.4767	82.9		
8	51	13C3-PFBS-EIS	302.0 > 99	9.26e2		0.115	74.705	2.52	2.52	926	108.2091	99.1		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.28e3		0.115	673.292	3.04	3.04	7280	94.4429	86.5		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.34e3		0.115	418.493	3.79	3.65	4340	90.6185	83.0		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.96e2	1.96e3	0.115		3.79	3.79	1.25	11.0378		2.15	NO
13	1...	Total PFHxS	399 > 80	1.96e2	1.96e3	0.115		3.83		1.25	11.0378			
14	15	6:2 FTS	427.1 > 407.0		1.02e3	0.115		4.10						YES
15	19	PFHpS	448.9 > 80.0	6.21e0	1.68e3	0.115		4.29	4.27	0.0462			2.71	NO
16	21	PFNA	463.0 > 418.8	2.22e2	7.79e3	0.115		4.60	4.59	0.356	1.8255		13.2	YES
17	61	13C3-PFHxS-EIS	401.8 > 79.9	1.96e3		0.115	185.544	3.80	3.79	1960	92.0280	84.3		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	1.96e3		0.115	185.544	3.80	3.79	1960	92.0280	84.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	1.02e3		0.115	101.130	4.19	4.10	1020	87.6820	80.3		
20	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.79e3		0.115	674.136	4.80	4.60	7790	100.8633	92.4		
22	-1													
23	16	L-PFOA	412.8 > 368.9	6.26e3	7.45e3	0.115		4.16	4.16	10.5	64.4414		3.51	NO
24	1...	Total PFOA	412.8 > 368.9	6.26e3	7.45e3	0.115		4.20		10.5	64.4414			
25	23	L-PFOS	499 > 80	1.03e2	1.68e3	0.115		4.68	4.68	0.765	6.9771		2.01	NO
26	1...	Total PFOS	499 > 80	1.03e2	1.68e3	0.115		4.73		0.765	6.9771			
27	22	PFOSA	498.0 > 78.0	9.30e1	1.30e3	0.115		4.65	4.65	0.896	7.9713		23.0	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.45e3		0.115	778.175	4.30	4.16	7450	83.5457	76.5		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.45e3		0.115	778.175	4.30	4.16	7450	83.5457	76.5		
30	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		
31	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		
32	67	13C8-PFOSA-EIS	506. > 78	1.30e3		0.115	231.112	4.76	4.65	1300	49.0436	44.9		
33	-1													
34	26	PFDA	513 > 468.8		7.59e3	0.115		4.97						YES
35	27	8:2 FTS	526.9 > 507.0		1.16e3	0.115		4.94						YES
36	29	L-MeFOSAA	570 > 419		5.35e3	0.115		5.12						YES

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.35e3	0.115		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		9.78e3	0.115		5.30						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	7.59e3		0.115	717.399	5.10	4.97	7590	92.3552	84.6		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1.16e3		0.115	107.927	4.98	4.94	1160	93.9973	86.1		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.35e3		0.115	596.470	5.13	5.12	5350	78.3218	71.8		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.35e3		0.115	596.470	5.13	5.12	5350	78.3218	71.8		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.78e3		0.115	1057.423	5.55	5.30	9780	80.7726	74.0		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		5.01e3	0.115		5.28						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	5.01e3	0.115		5.33		0.000				
47	34	PFDS	599.0 > 80.0		1.68e3	0.115		5.30						YES
48	37	PFDoA	612.9 > 569.0		8.73e3	0.115		5.59						YES
49	39	PFTrDA	662.9 > 618.9		8.73e3	0.115		5.84						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	5.01e3		0.115	475.939	5.43	5.28	5010	91.8908	84.2		
51	81	d5-N-EtFOSAA-EIS	589. > 419	5.01e3		0.115	475.939	5.43	5.28	5010	91.8908	84.2		
52	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		
53	83	13C2-PFDoA-EIS	615 > 570	8.73e3		0.115	1054.715	5.60	5.59	8730	72.2560	66.2		
54	83	13C2-PFDoA-EIS	615 > 570	8.73e3		0.115	1054.715	5.60	5.59	8730	72.2560	66.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.28e3	0.115		6.07						YES
57	38	N-MeFOSA	512.1 > 168.9		2.92e3	0.115		5.70						YES
58	42	N-EtFOSA	526.1 > 168.9		4.13e3	0.115		6.13						YES
59	43	PFHxDA	813.1 > 768.6		7.06e3	0.115		6.41						YES
60	45	N-MeFOSE	616.1 > 58.9		4.24e3	0.115		6.34						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.28e3		0.115	886.344	6.08	6.07	6280	61.8915	56.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.92e3		0.115	84.837	5.72	5.71	2920	300.4431	23.1		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.13e3		0.115	127.429	6.16	6.15	4130	282.9223	21.7		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.06e3		0.115	1186.125	6.62	6.41	7060	51.9589	47.6		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.24e3		0.115	66.928	6.35	6.34	4240	552.9485	42.4		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.83e3	0.115		6.50						
68	1...	TDCA	498.3>106.9			0.115		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		
70	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		
71	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.83e3		0.115	73.193	6.51	6.50	4830	575.7300	44.2		

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	1.68e3		0.115	212.650	4.95	4.68	1680	69.0785	63.3		

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MM 6/8/2020

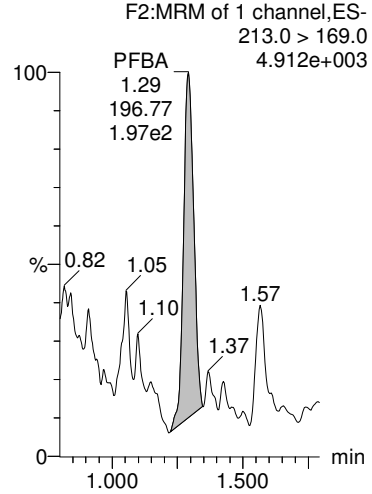
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

PFBA



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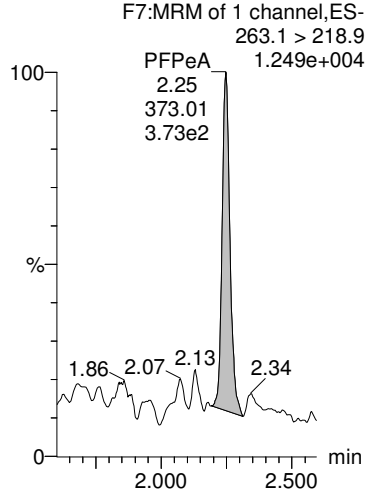

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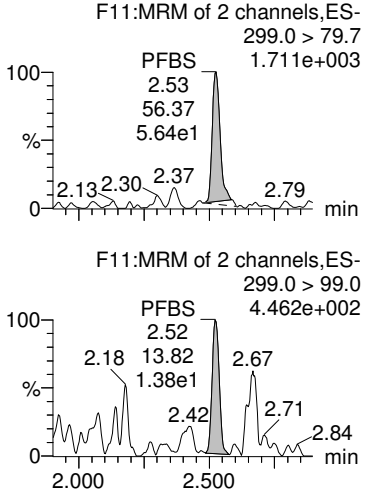

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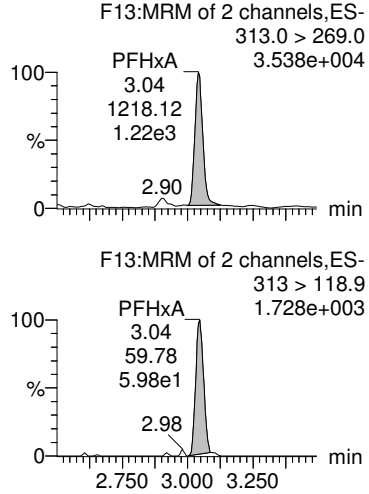

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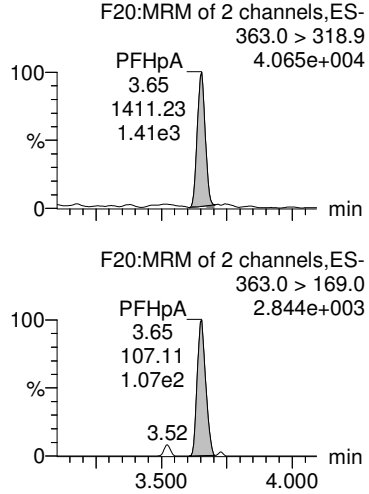

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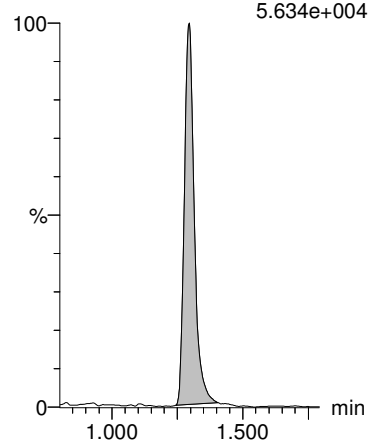

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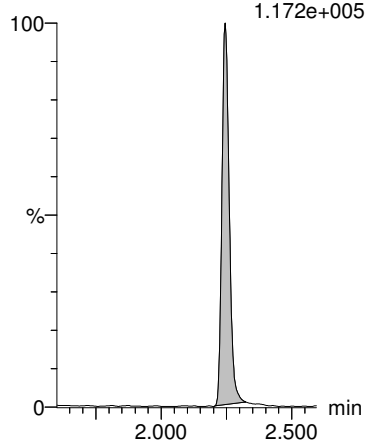

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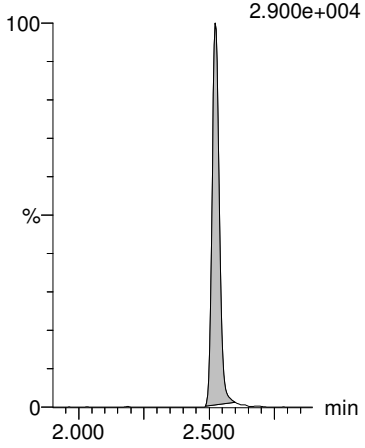

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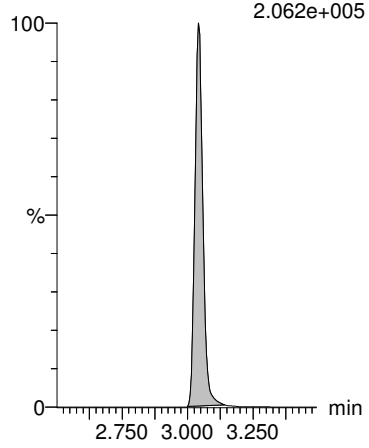

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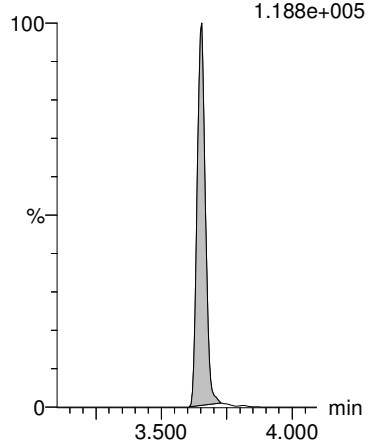


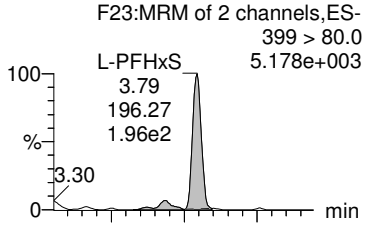
GM 6/5/2020

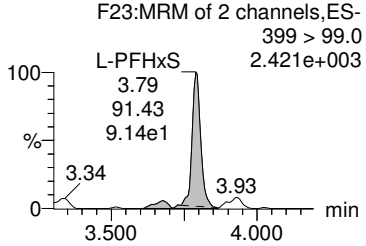
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

L-PFHxS





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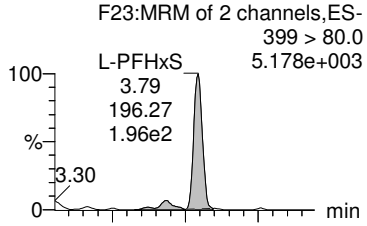
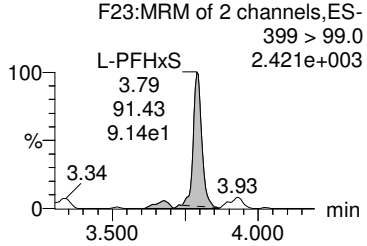
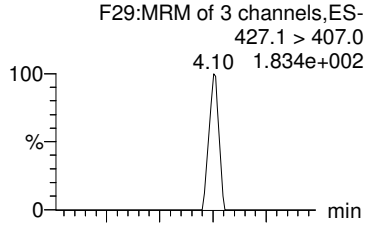
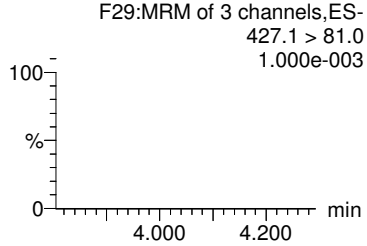




6:2 FTS





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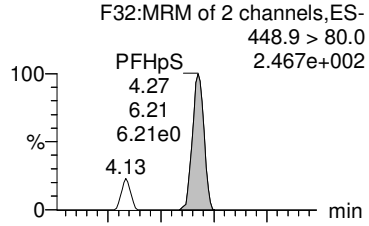

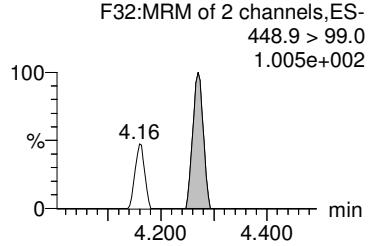

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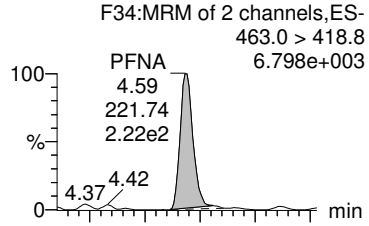

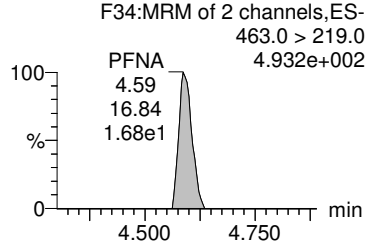

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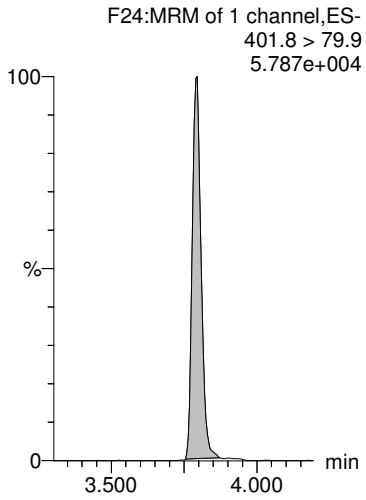

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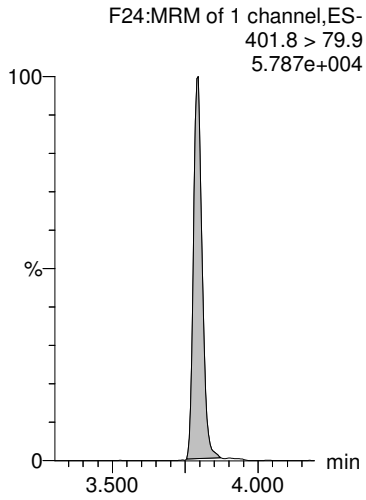
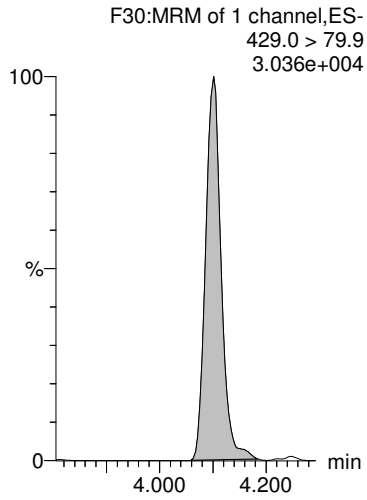


13C2-6:2 FTS-EIS



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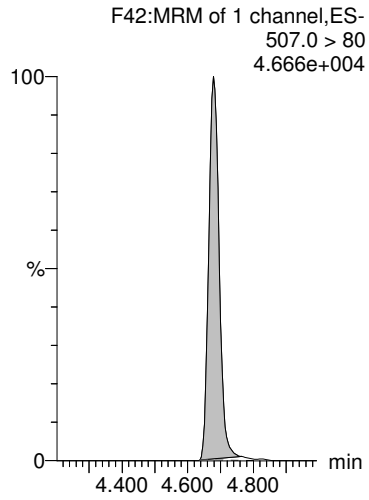

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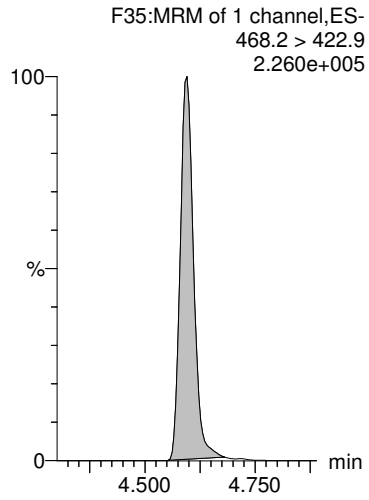
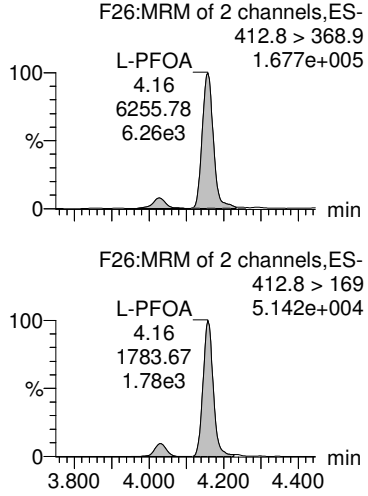


Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

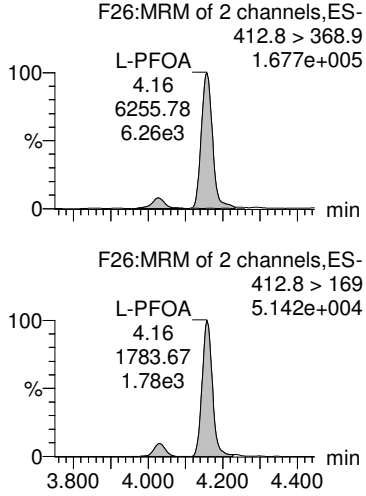
Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

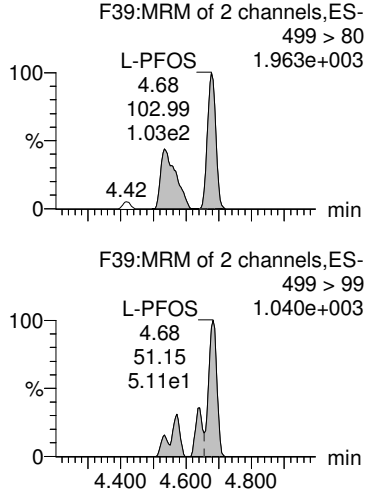
L-PFOA



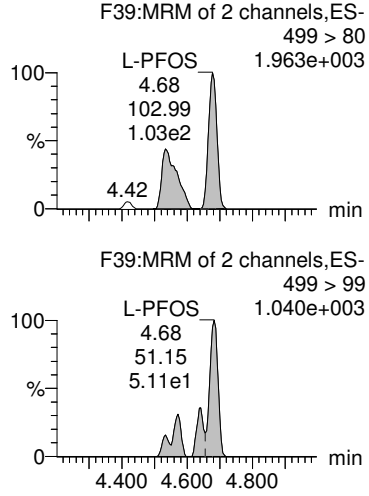
Total PFOA



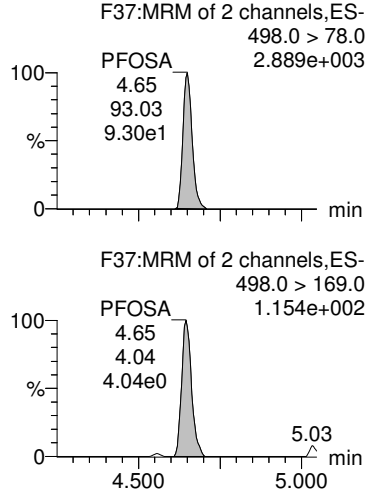
L-PFOS



Total PFOS



PFOSA



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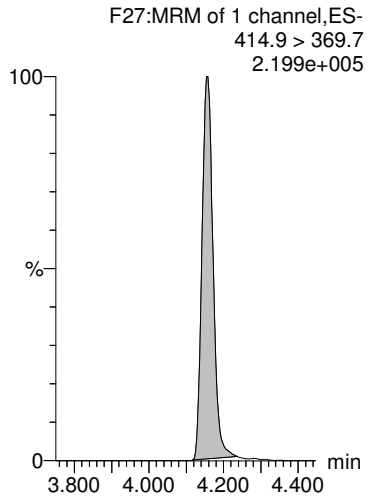

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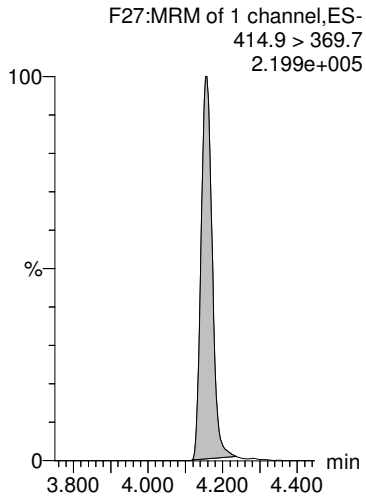

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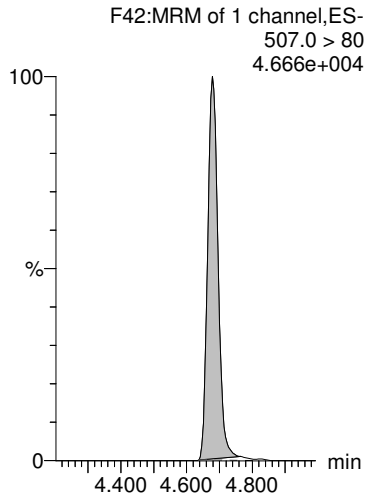

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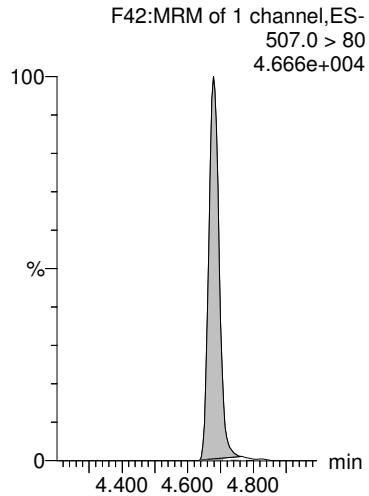

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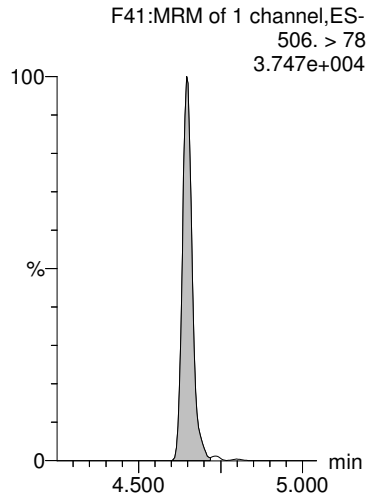
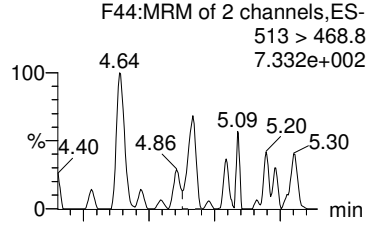


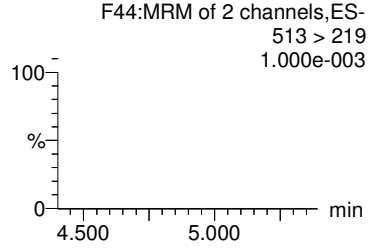
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-64.qld

Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

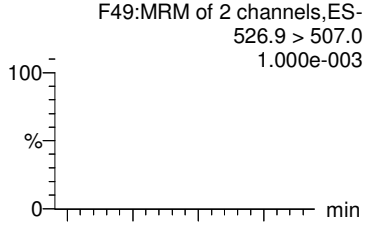
Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

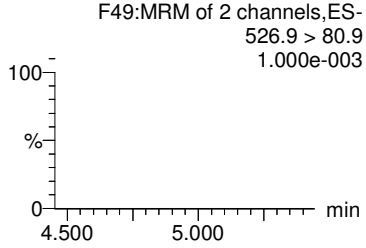
PFDA



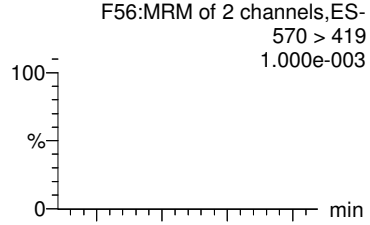


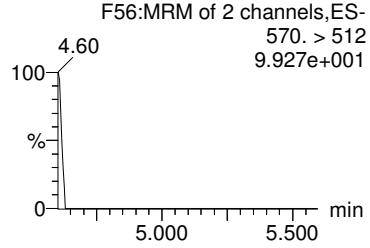
8:2 FTS



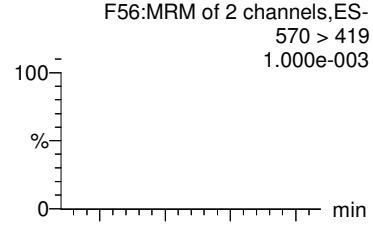


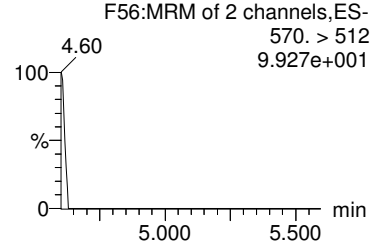
L-MeFOSAA



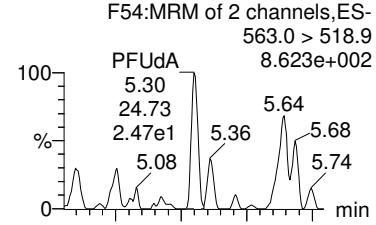


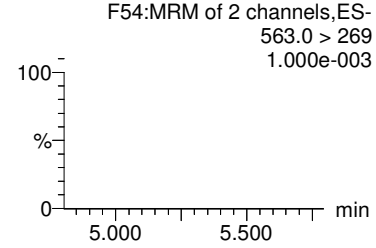
Total N-MeFOSAA



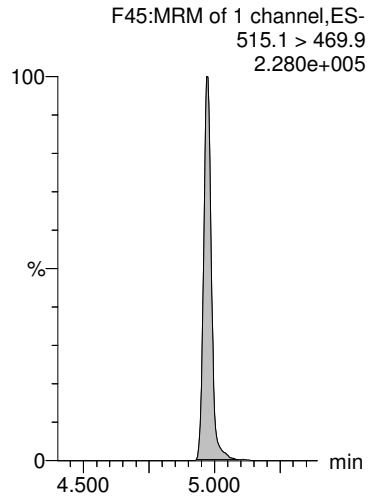


PFUdA

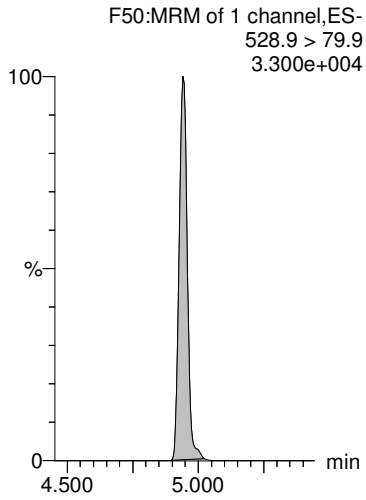




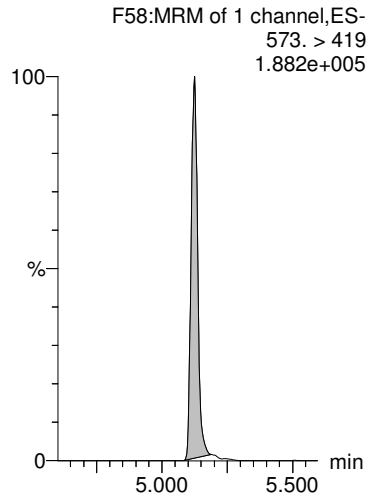
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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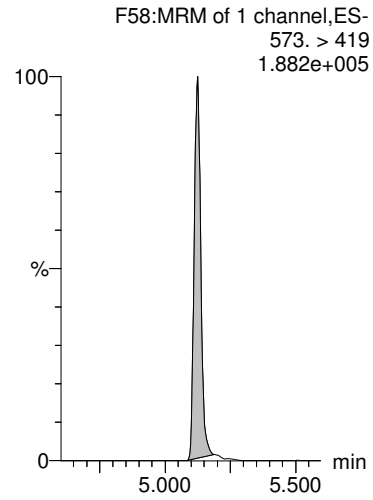

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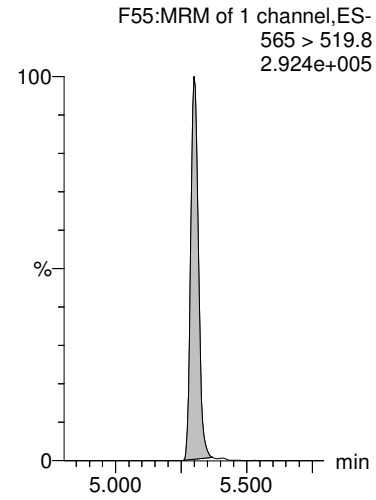

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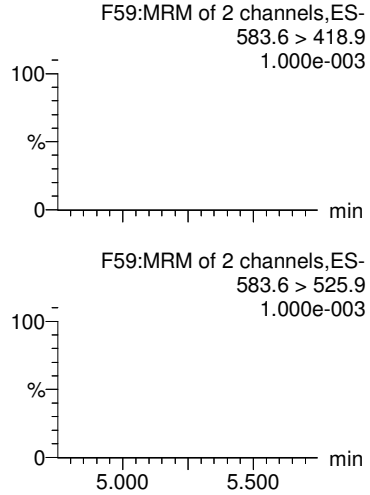
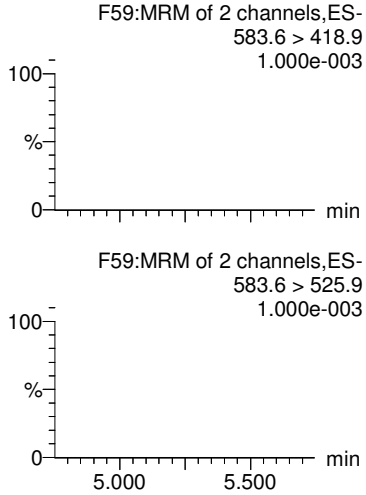
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

L-EtFOSAA



Total N-EtFOSAA



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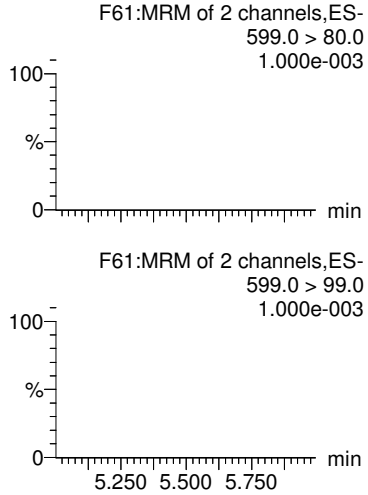
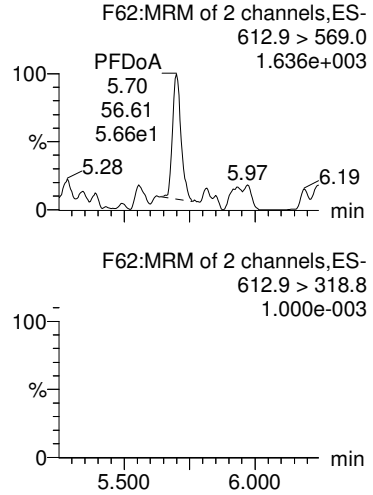


PFDoA



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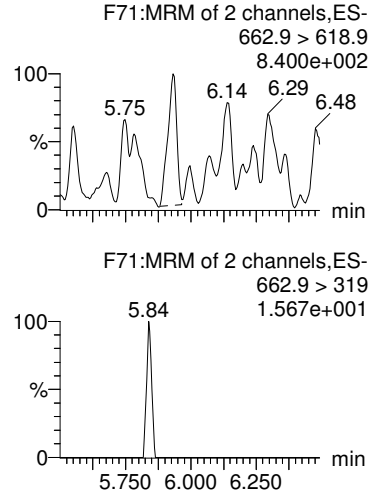
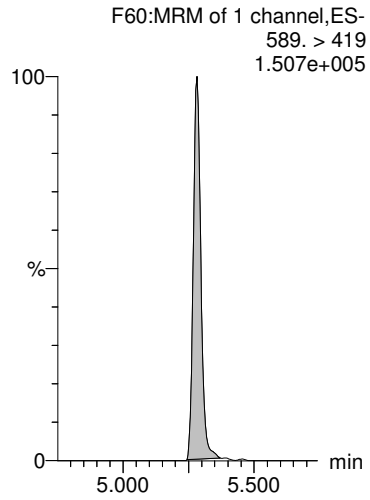


d5-N-EtFOSAA-EIS



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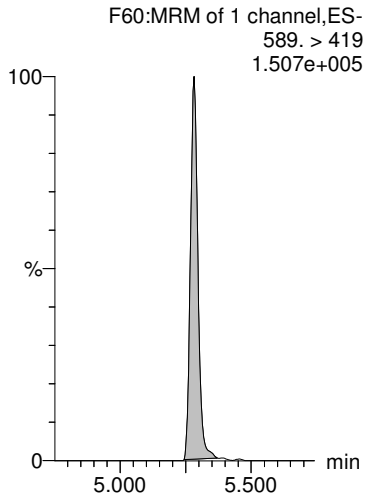
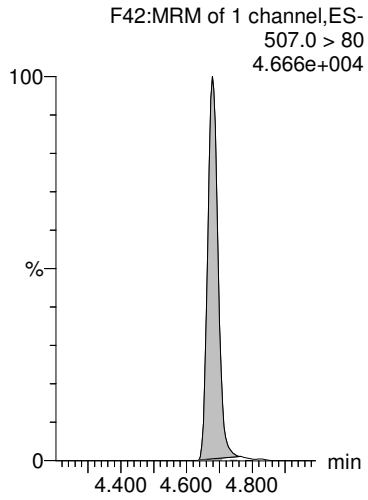
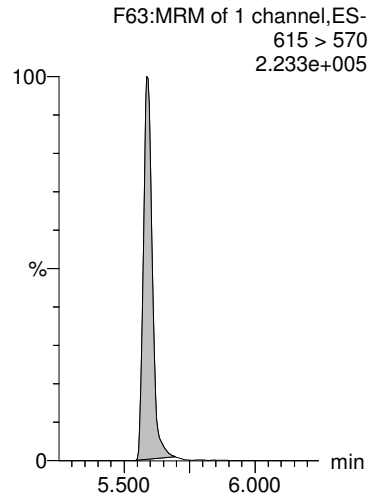


13C8-PFOS-EIS



13C2-PFDoA-EIS



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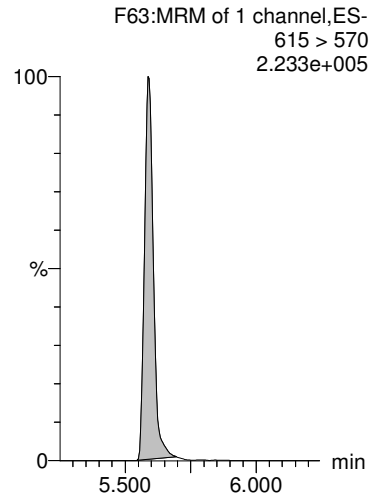

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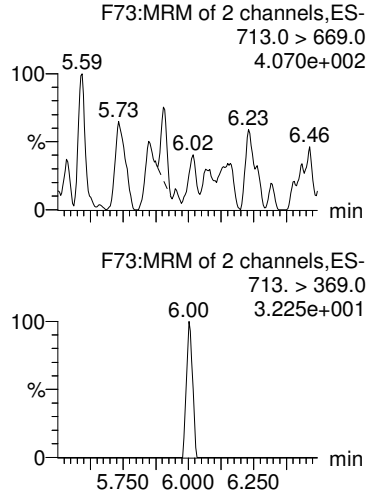
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

PFTeDA



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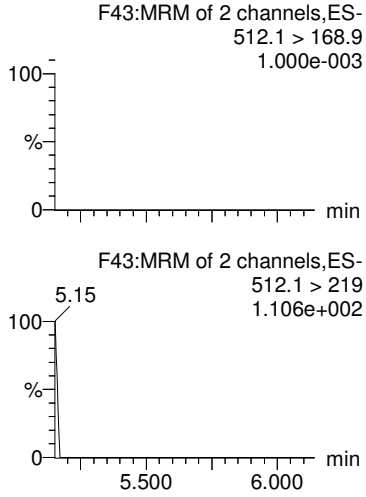

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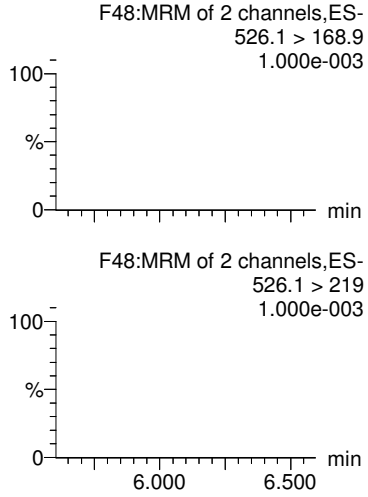
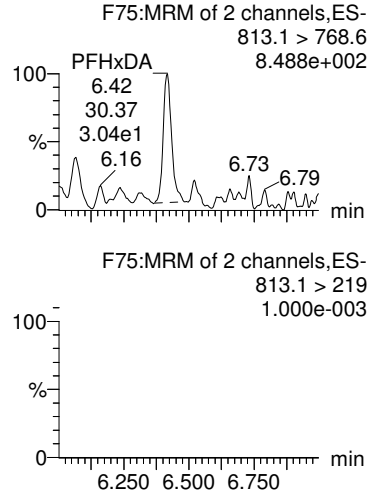
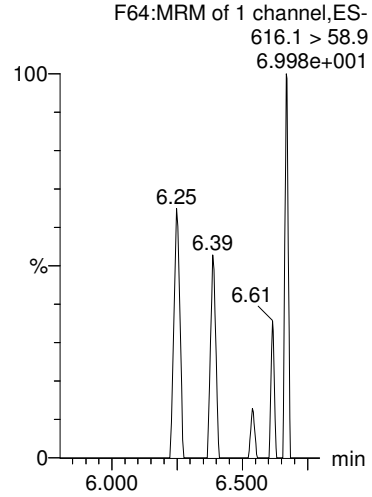


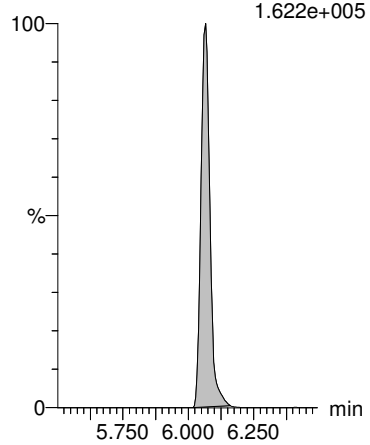
PFHxDA



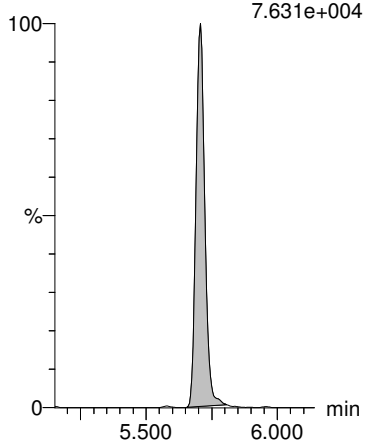
N-MeFOSE



13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



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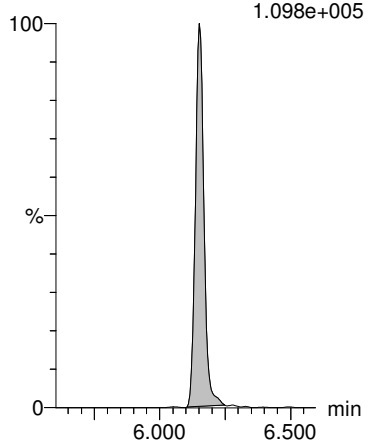

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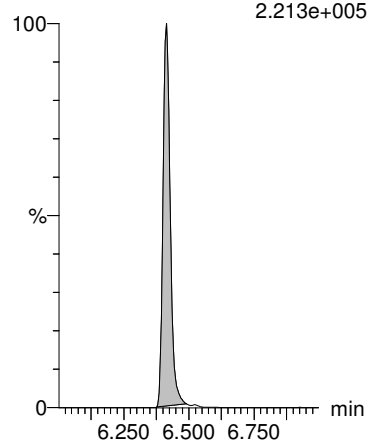

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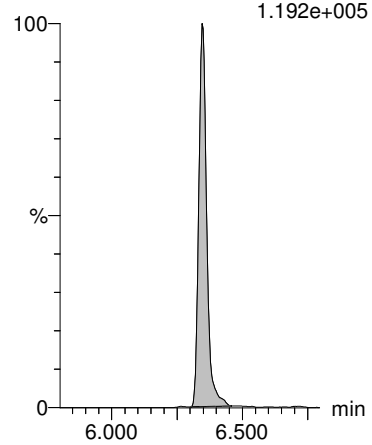

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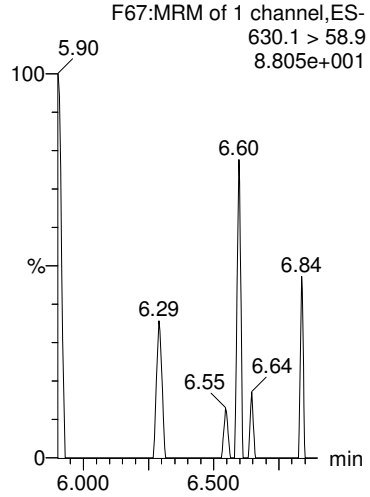
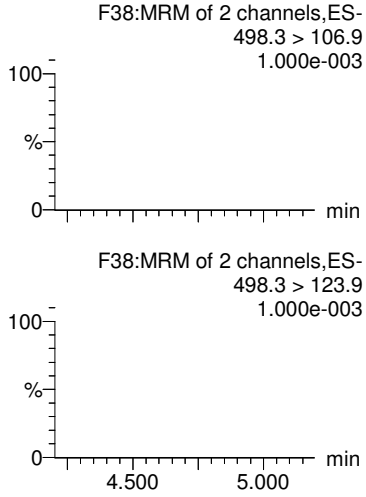
Last Altered: Friday, June 05, 2020 17:37:35 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:39:32 Pacific Daylight Time

Name: 200602M2_76, Date: 03-Jun-2020, Time: 05:15:06, ID: 2001090-10 GW-BP-4 0.11452, Description: GW-BP-4

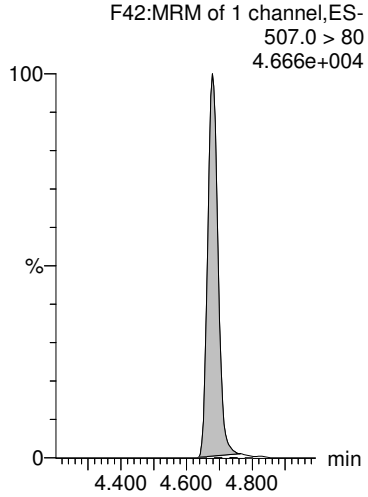
N-EtFOSE



TDCA



13C8-PFOS-EIS



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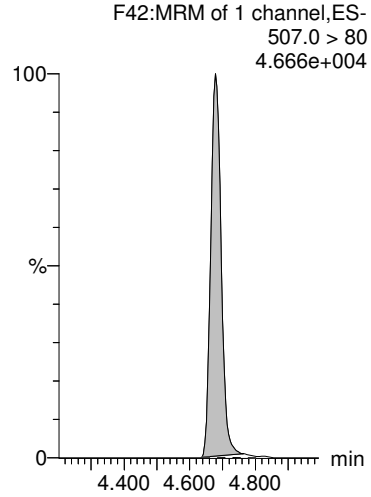

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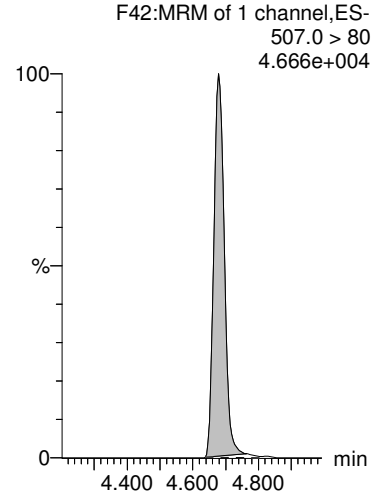
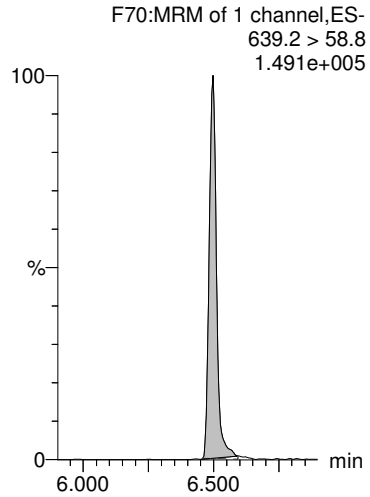
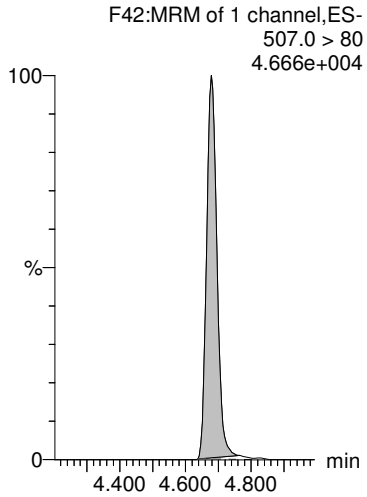


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



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MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-80.qld

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Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	1.21e3	2.14e3	0.111		1.30	1.30	7.09	49.4542			
2	4	PFPeA	263.1 > 218.9	3.22e3	3.44e3	0.111		2.24	2.25	11.7	105.3064			
3	5	PFBS	299.0 > 79.7	1.59e2	8.09e2	0.111		2.53	2.52	2.45	9.9519		3.15	NO
4	7	PFHxA	313.0 > 269.0	1.20e4	6.65e3	0.111		3.04	3.04	22.6	204.1707		16.1	NO
5	11	PFHpA	363.0 > 318.9	1.96e4	4.26e3	0.111		3.65	3.65	57.6	412.2030		15.2	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	2.14e3		0.111	174.310	1.30	1.30	2140	110.9452	98.2		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.44e3		0.111	355.452	2.24	2.24	3440	87.3667	77.4		
8	51	13C3-PFBS-EIS	302.0 > 99	8.09e2		0.111	74.705	2.52	2.53	809	97.8575	86.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.65e3		0.111	673.292	3.04	3.04	6650	89.1735	79.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	4.26e3		0.111	418.493	3.79	3.65	4260	91.9439	81.4		
11	-1													
12	13	L-PFHxS	399 > 80.0	1.05e3	2.04e3	0.111		3.79	3.79	6.42	58.8558		1.53	NO
13	1...	Total PFHxS	399 > 80	1.05e3	2.04e3	0.111		3.83		6.42	58.8558			
14	15	6:2 FTS	427.1 > 407.0		7.36e2	0.111		4.10						YES
15	19	PFHpS	448.9 > 80.0	1.49e2	1.84e3	0.111		4.29	4.27	1.02	10.4750		2.14	NO
16	21	PFNA	463.0 > 418.8	7.89e3	6.97e3	0.111		4.59	4.59	14.1	108.6724		4.26	NO
17	61	13C3-PFHxS-EIS	401.8 > 79.9	2.04e3		0.111	185.544	3.80	3.79	2040	99.4032	88.0		
18	61	13C3-PFHxS-EIS	401.8 > 79.9	2.04e3		0.111	185.544	3.80	3.79	2040	99.4032	88.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.9	7.36e2		0.111	101.130	4.19	4.10	736	65.7406	58.2		
20	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	6.97e3		0.111	674.136	4.80	4.59	6970	93.4612	82.8		
22	-1													
23	16	L-PFOA	412.8 > 368.9	7.36e4	7.47e3	0.111		4.15	4.15	123	811.7468		3.15	NO
24	1...	Total PFOA	412.8 > 368.9	7.36e4	7.47e3	0.111		4.20		123	811.7468			
25	23	L-PFOS	499 > 80	5.83e3	1.84e3	0.111		4.68	4.67	39.7	395.0049		2.21	NO
26	1...	Total PFOS	499 > 80	5.83e3	1.84e3	0.111		4.73		39.7	395.0049			
27	22	PFOSA	498.0 > 78.0	1.58e2	1.14e3	0.111		4.64	4.65	1.73	15.0124		15.3	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.47e3		0.111	778.175	4.30	4.15	7470	86.6672	76.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.47e3		0.111	778.175	4.30	4.15	7470	86.6672	76.7		
30	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		
31	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		
32	67	13C8-PFOSA-EIS	506. > 78	1.14e3		0.111	231.112	4.76	4.64	1140	44.4883	39.4		
33	-1													
34	26	PFDA	513 > 468.8	5.62e2	7.60e3	0.111		4.97	4.97	0.924	5.7721		6.37	NO
35	27	8:2 FTS	526.9 > 507.0		9.19e2	0.111		4.94						YES
36	29	L-MeFOSAA	570 > 419		5.22e3	0.111		5.12						YES

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-80.qld

Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	5.22e3	0.111		5.17		0.000				
38	33	PFUdA	563.0 > 518.9		1.10e4	0.111		5.29						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	7.60e3		0.111	717.399	5.10	4.97	7600	95.7204	84.8		
40	75	13C2-8:2 FTS-EIS	528.9 > 79.9	9.19e2		0.111	107.927	4.98	4.94	919	76.9134	68.1		
41	77	d3-N-MeFOSAA-EIS	573. > 419	5.22e3		0.111	596.470	5.13	5.12	5220	79.0148	70.0		
42	77	d3-N-MeFOSAA-EIS	573. > 419	5.22e3		0.111	596.470	5.13	5.12	5220	79.0148	70.0		
43	79	13C2-PFUdA-EIS	565 > 519.8	1.10e4		0.111	1057.423	5.55	5.29	11000	94.1208	83.3		
44	-1													
45	31	L-EtFOSAA	583.6 > 418.9		4.34e3	0.111		5.27						YES
46	1...	Total N-EtFOSAA	583.6 > 418.9	0.00e0	4.34e3	0.111		5.33		0.000				
47	34	PFDS	599.0 > 80.0		1.84e3	0.111		5.30						YES
48	37	PFDoA	612.9 > 569.0		7.95e3	0.111		5.58						YES
49	39	PFTrDA	662.9 > 618.9		7.95e3	0.111		5.83						YES
50	81	d5-N-EtFOSAA-EIS	589. > 419	4.34e3		0.111	475.939	5.43	5.27	4340	82.4444	73.0		
51	81	d5-N-EtFOSAA-EIS	589. > 419	4.34e3		0.111	475.939	5.43	5.27	4340	82.4444	73.0		
52	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		
53	83	13C2-PFDoA-EIS	615 > 570	7.95e3		0.111	1054.715	5.60	5.58	7950	68.1281	60.3		
54	83	13C2-PFDoA-EIS	615 > 570	7.95e3		0.111	1054.715	5.60	5.58	7950	68.1281	60.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.84e3	0.111		6.06						YES
57	38	N-MeFOSA	512.1 > 168.9		2.40e3	0.111		5.69						YES
58	42	N-EtFOSA	526.1 > 168.9		3.31e3	0.111		6.13						YES
59	43	PFHxDA	813.1 > 768.6		8.44e3	0.111		6.41						YES
60	45	N-MeFOSE	616.1 > 58.9		4.78e3	0.111		6.34						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.84e3		0.111	886.344	6.08	6.06	6840	69.7169	61.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.40e3		0.111	84.837	5.72	5.70	2400	256.0583	19.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.31e3		0.111	127.429	6.16	6.15	3310	234.8215	17.4		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.44e3		0.111	1186.125	6.62	6.41	8440	64.3197	57.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.78e3		0.111	66.928	6.35	6.34	4780	645.6968	47.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.38e3	0.111		6.50						
68	1...	TDCA	498.3>106.9			0.111		4.69						YES
69	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		
70	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		
71	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.38e3		0.111	73.193	6.51	6.50	4380	540.8910	40.1		

GM 6/5/2020

MM 6/8/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-80.qld

Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.0 > 80	1.84e3		0.111	212.650	4.95	4.68	1840	78.0039	69.1		

GM 6/5/2020

Vista Analytical Laboratory L26

MM 6/8/2020

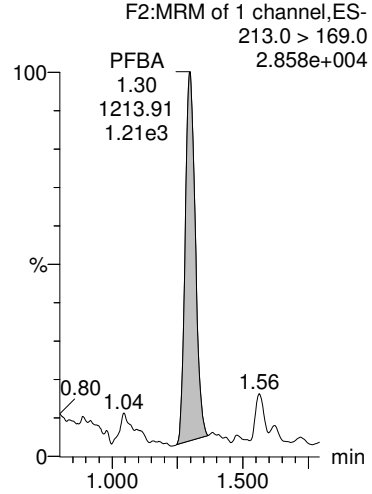
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-80.qld

Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 05 Jun 2020 16:48:02
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

PFBA



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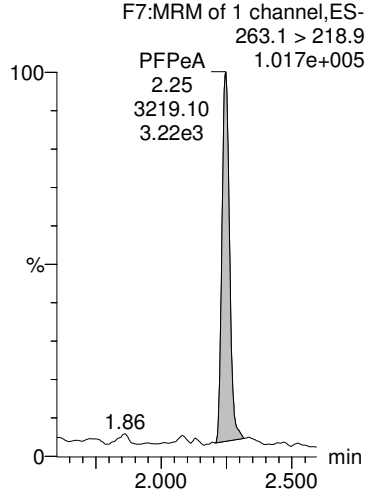

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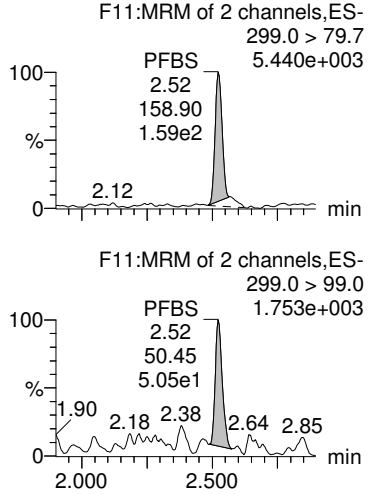

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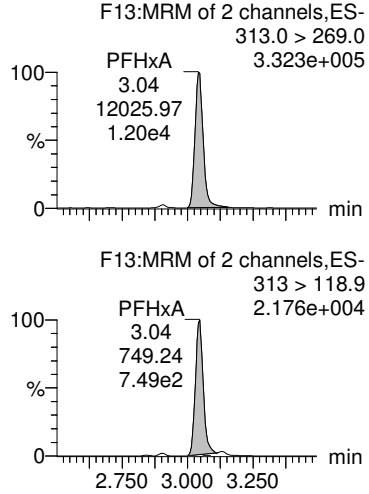

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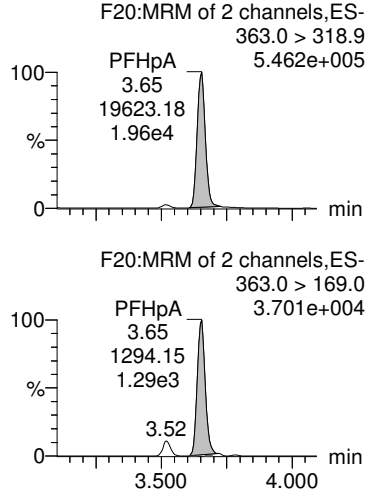

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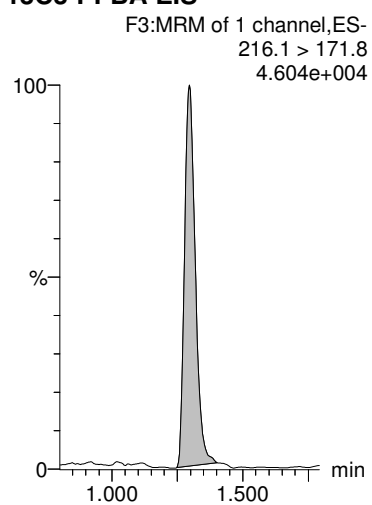

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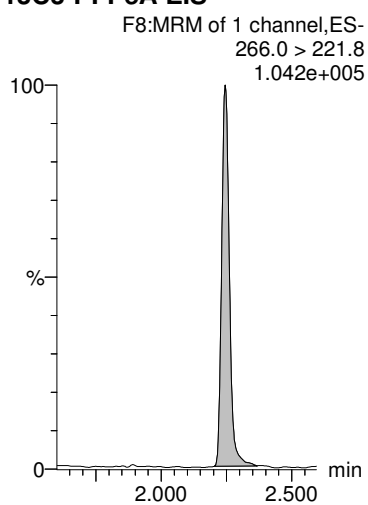

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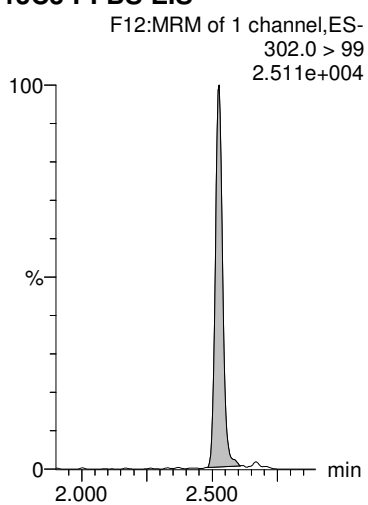

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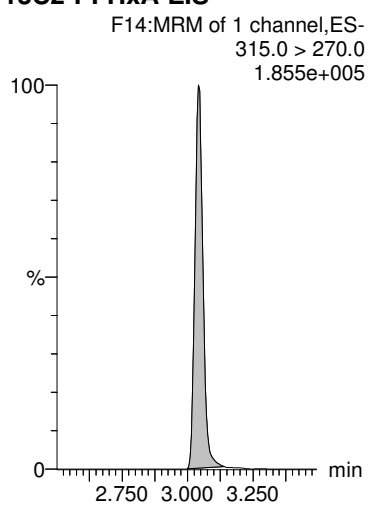

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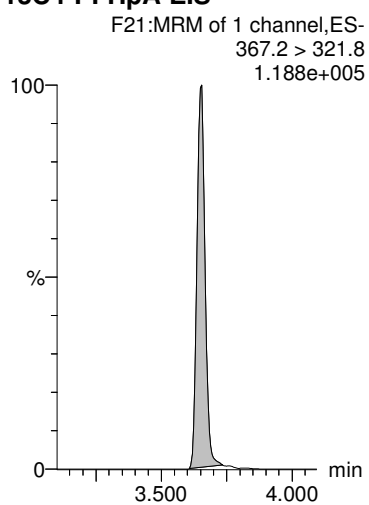


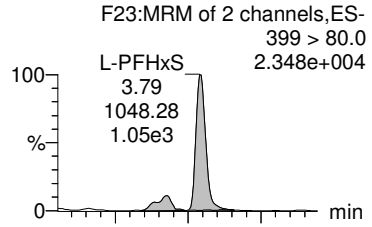
GM 6/5/2020

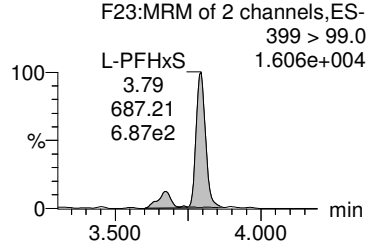
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-80.qld

Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

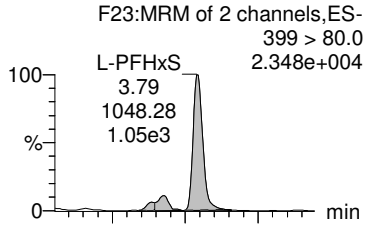
Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

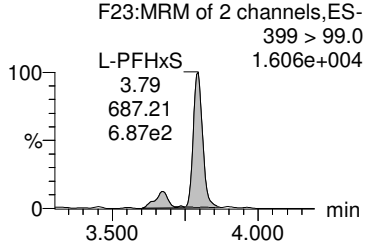
L-PFHxS



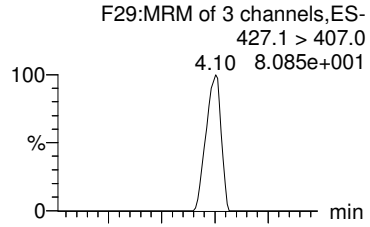


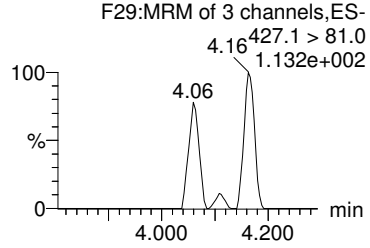
Total PFHxS





6:2 FTS





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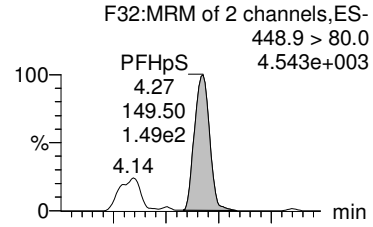

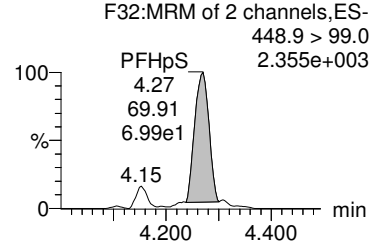

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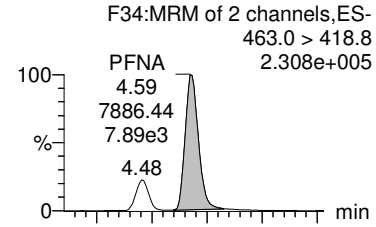

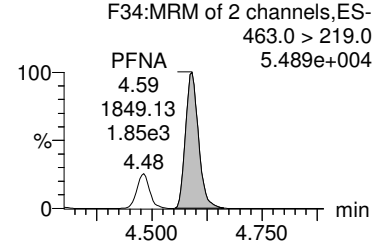

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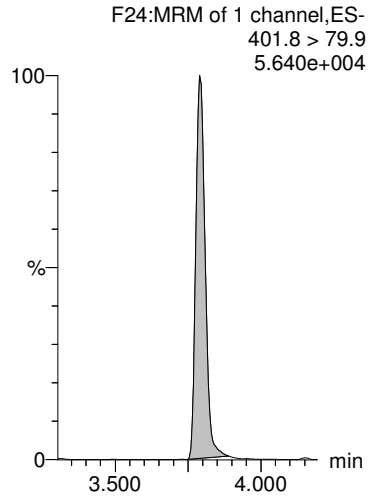

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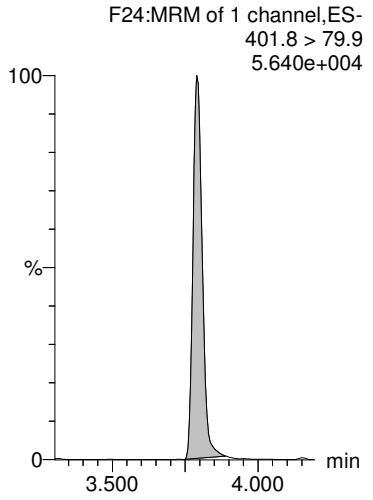
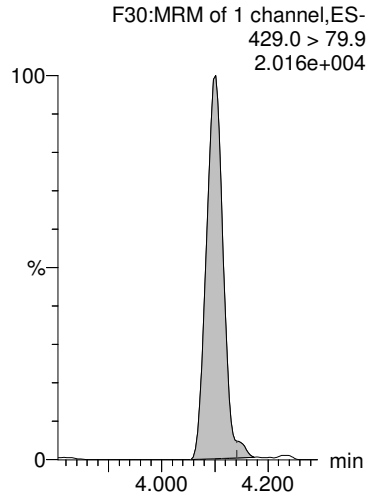


13C2-6:2 FTS-EIS



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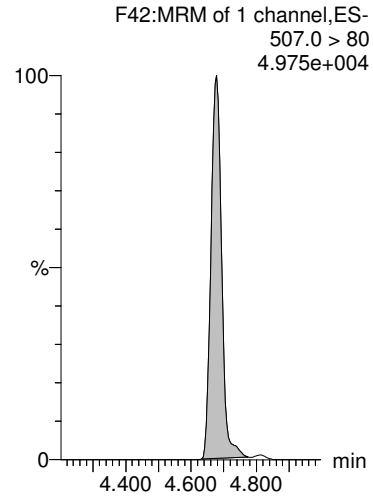

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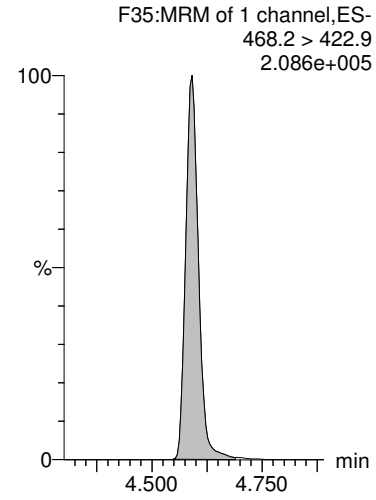


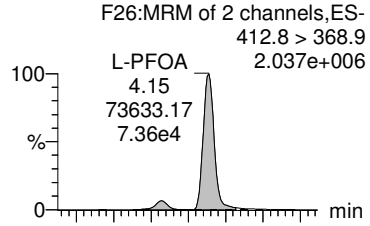
MM 6/8/2020

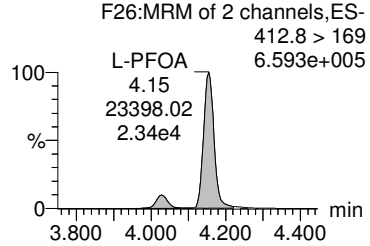
Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-80.qld

Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

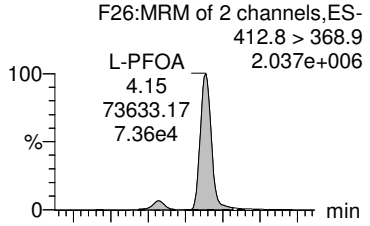
Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

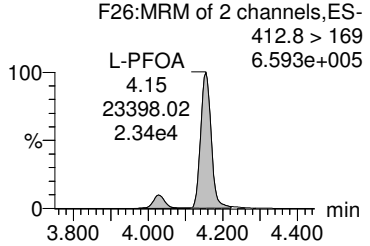
L-PFOA



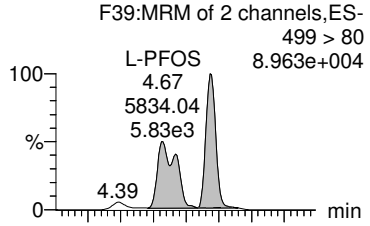


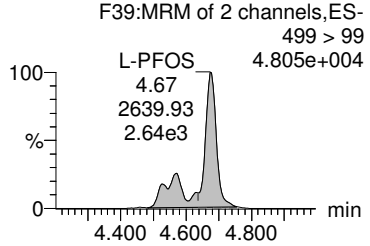
Total PFOA



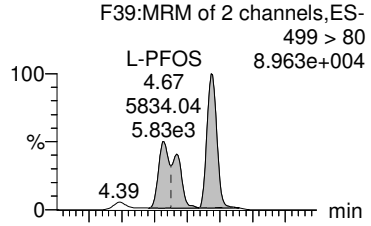


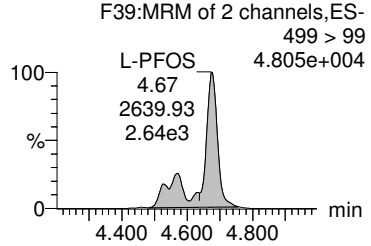
L-PFOS





Total PFOS





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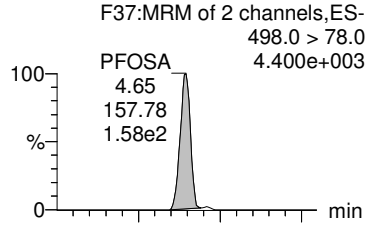
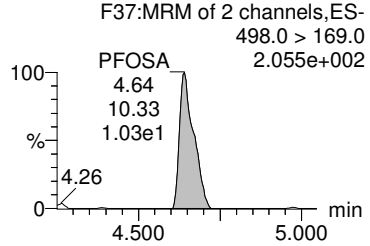
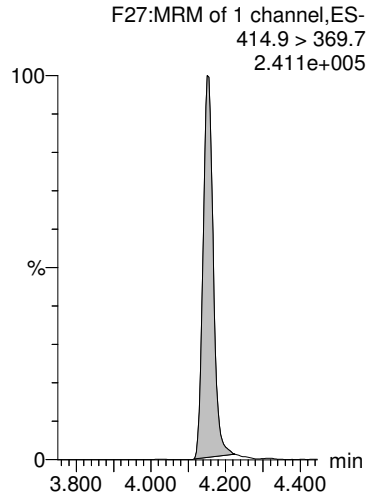
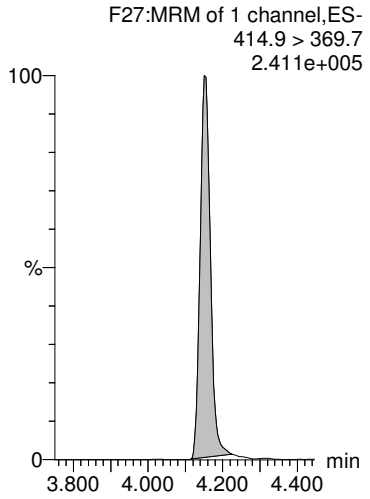




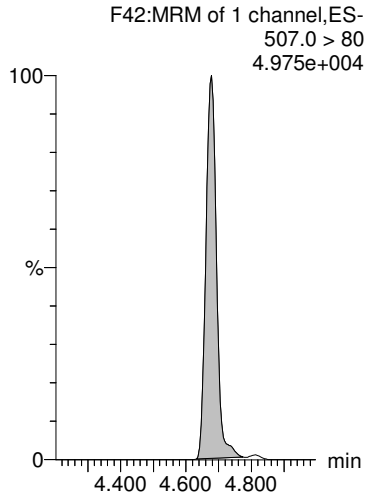
13C2-PFOA-EIS



13C2-PFOA-EIS



13C8-PFOS-EIS



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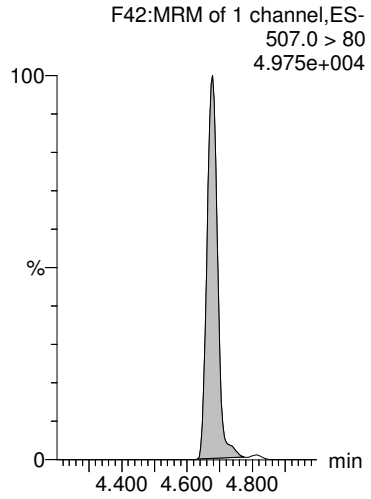

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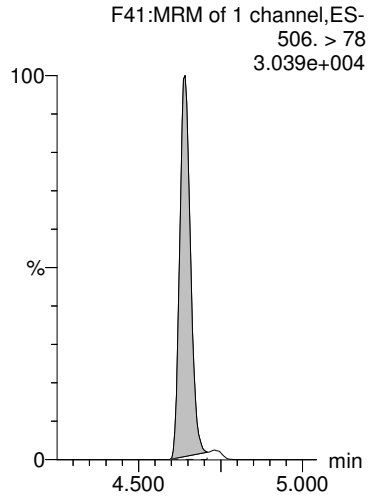

GM 6/5/2020

Dataset: M:\Projects\PFAS.PRO\Results\200602M1\200602M2-80.qld

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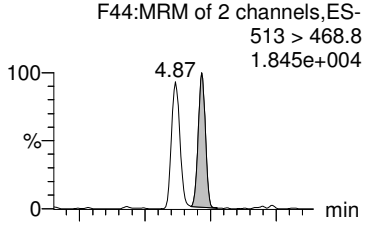
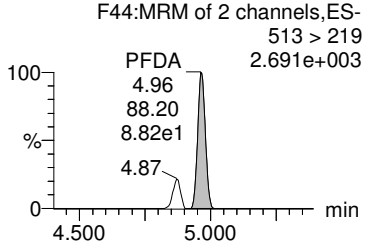
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

PFDA





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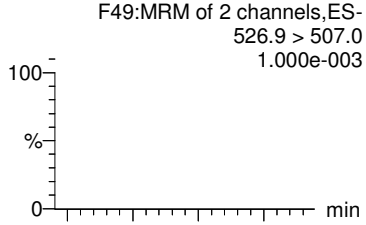
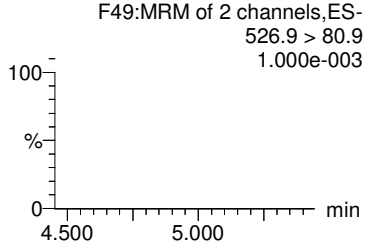
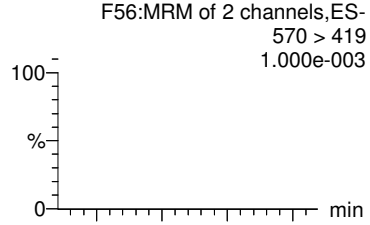
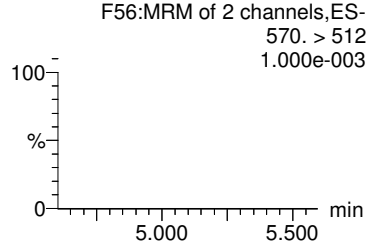


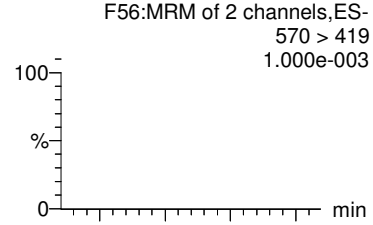


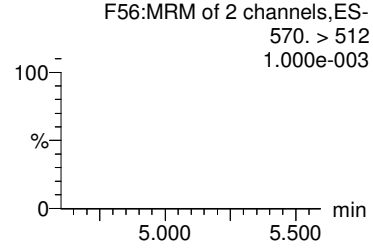
L-MeFOSAA



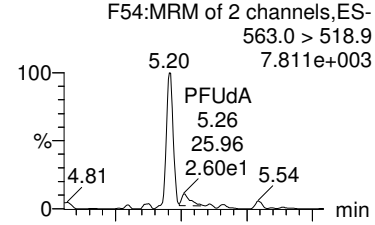


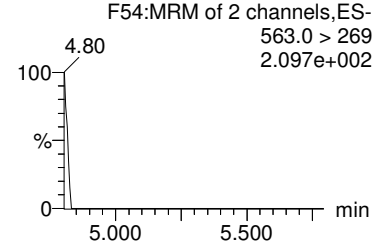
Total N-MeFOSAA



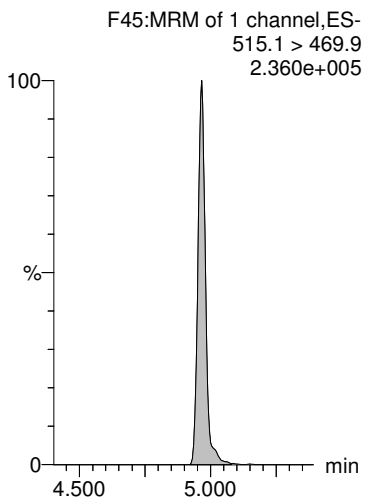


PFUdA

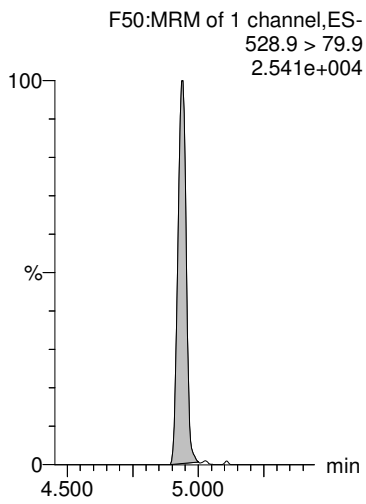




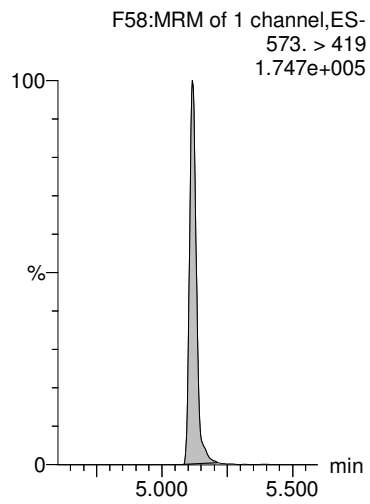
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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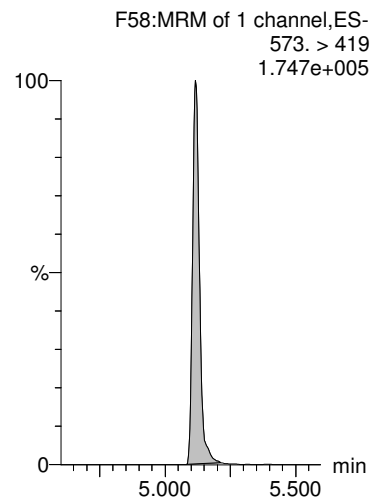

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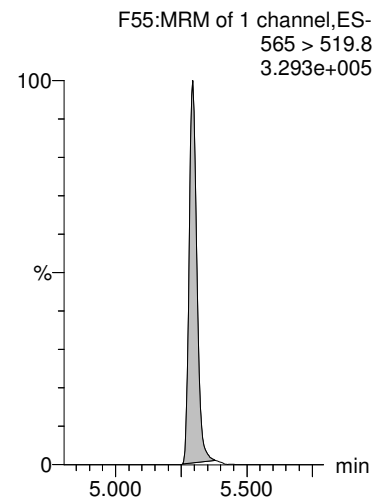

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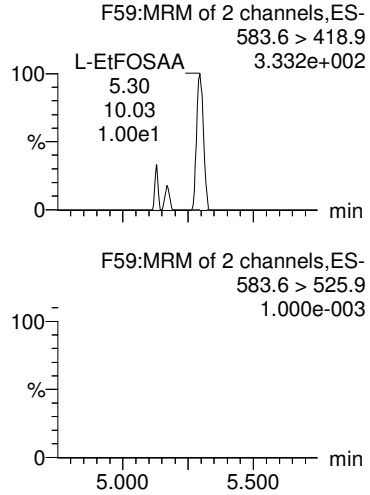
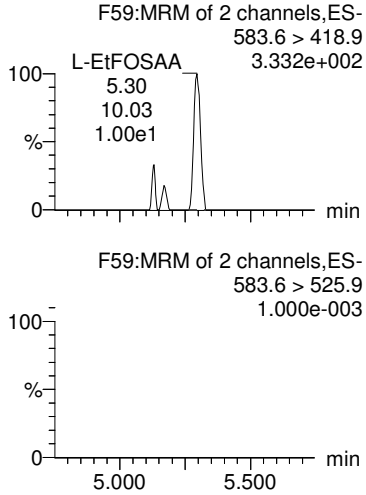
Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

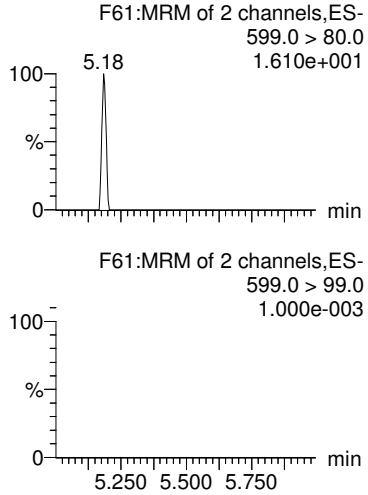
L-EtFOSAA



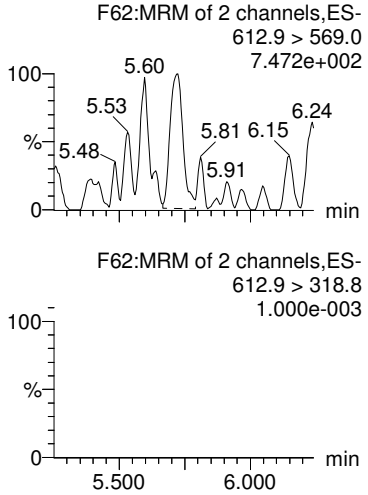
Total N-EtFOSAA



PFDS



PFDoA



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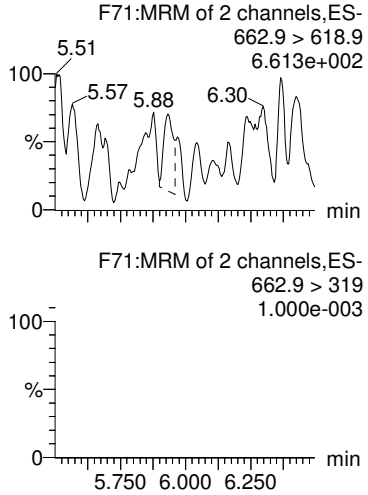
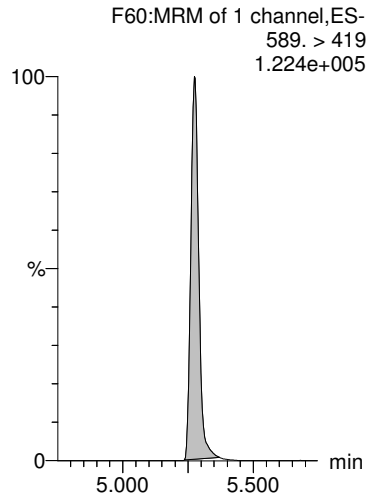


d5-N-EtFOSAA-EIS



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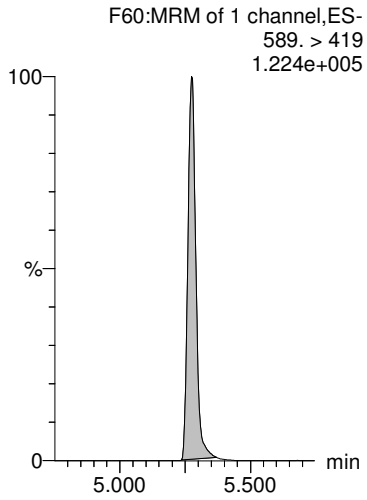
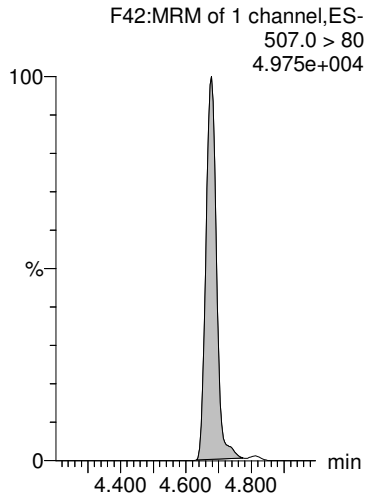
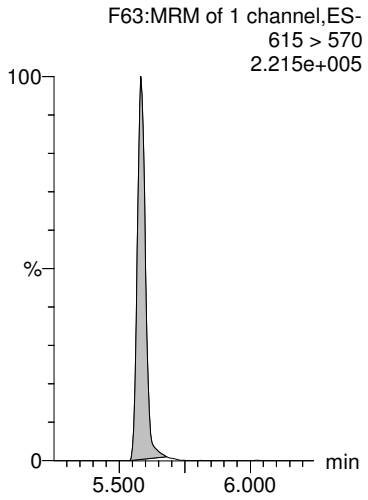


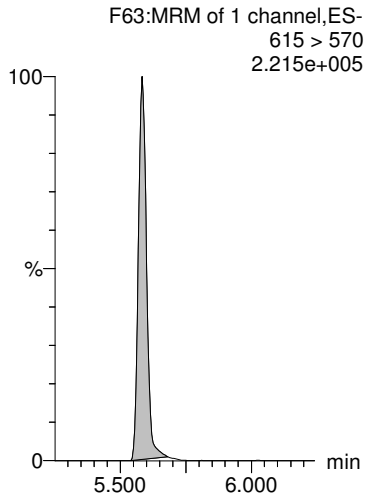
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS



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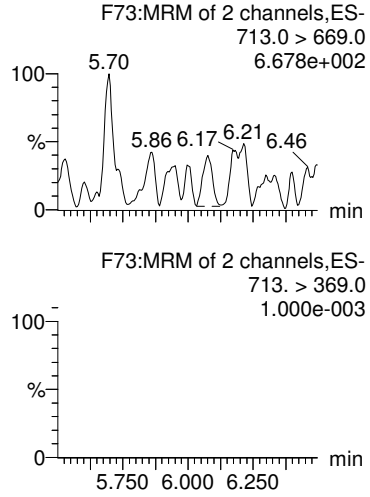
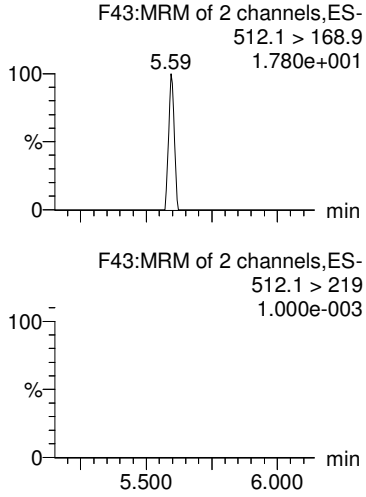
Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

PFTeDA



N-MeFOSA



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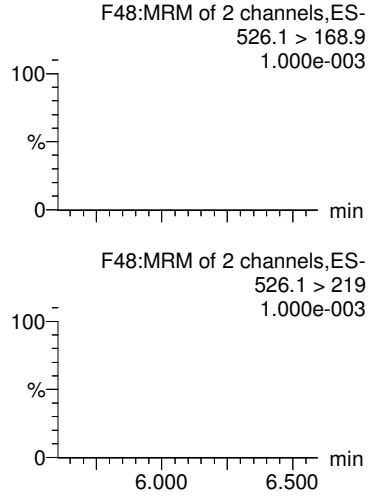
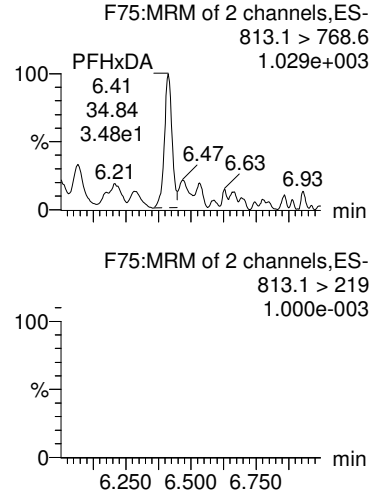
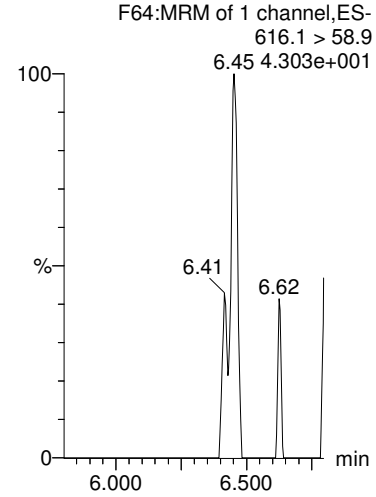


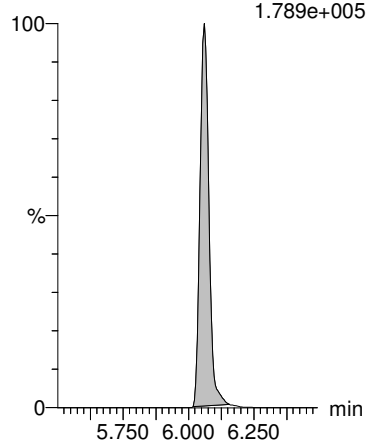
PFHxDA



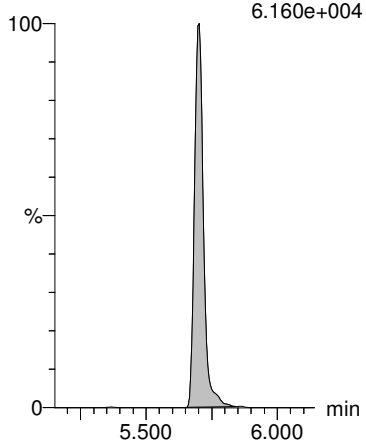
N-MeFOSE



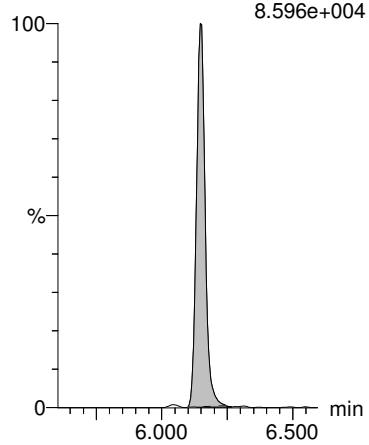
13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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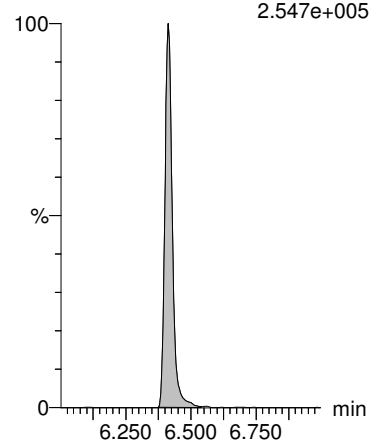
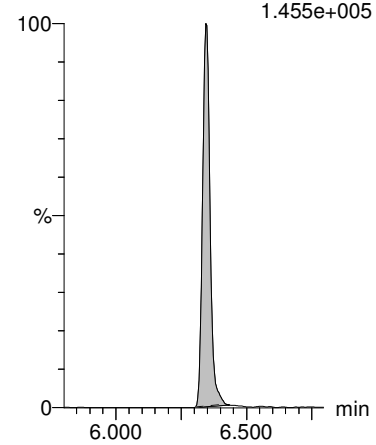


d7-N-MeFOSE-EIS



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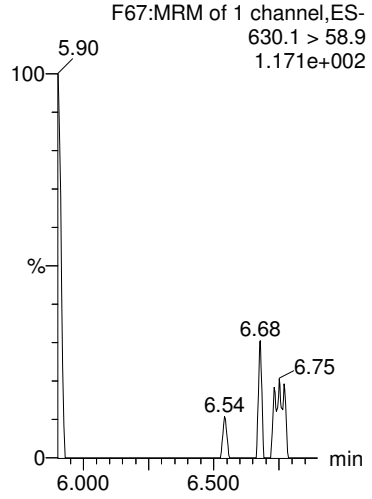
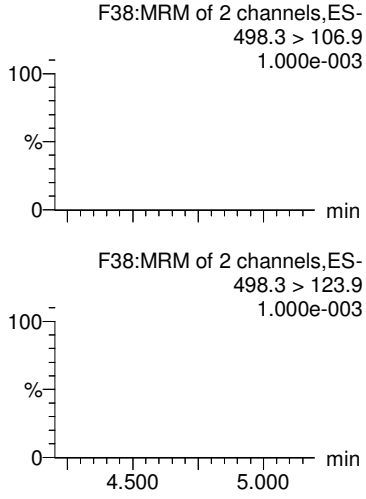
Last Altered: Friday, June 05, 2020 17:45:19 Pacific Daylight Time
Printed: Friday, June 05, 2020 17:45:28 Pacific Daylight Time

Name: 200602M2_80, Date: 03-Jun-2020, Time: 05:56:41, ID: 2001090-11 GW-MW-11 0.11069, Description: GW-MW-11

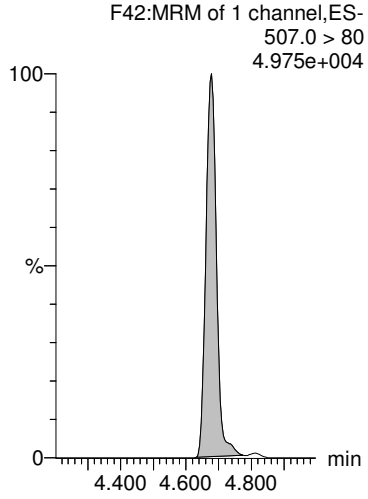
N-EtFOSE



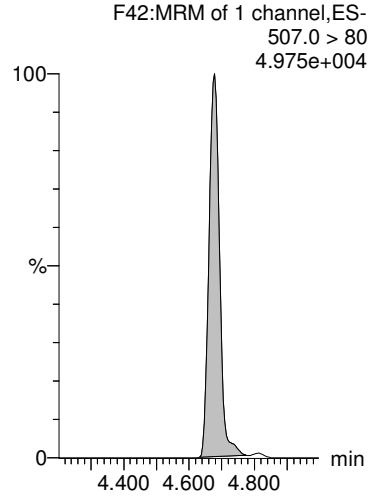
TDCA



13C8-PFOS-EIS



13C8-PFOS-EIS



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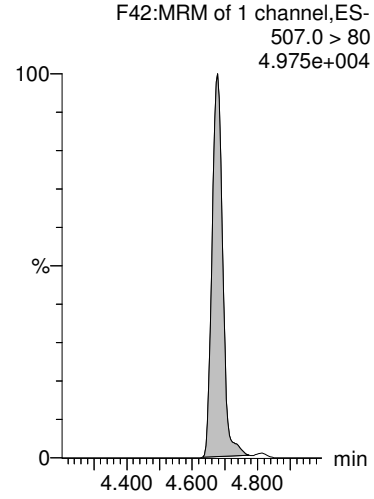
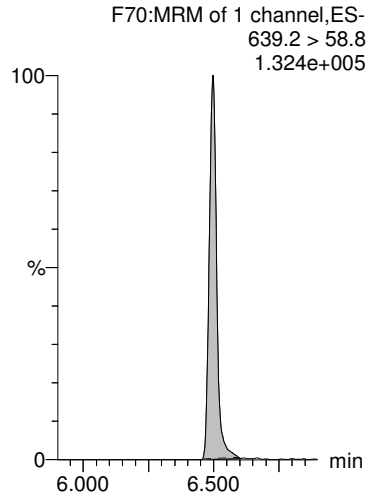


d9-N-EtFOSE-EIS



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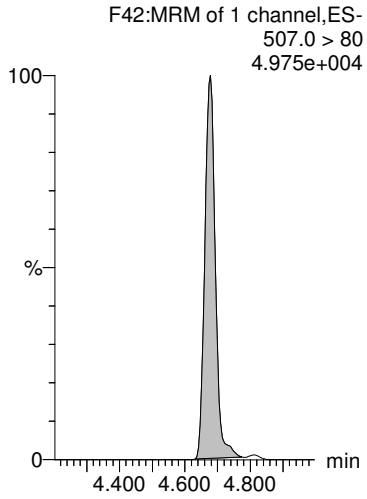

CONTINUING CALIBRATION

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

Last Altered: Wednesday, June 03, 2020 12:16:36 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:23:18 Pacific Daylight Time

JGM 6/3/2020

Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2055.811	2315.710	1.00	1.32	11.097	10.000	8.53	85.3	NO		
2	2	PFPrS	248.9 > 79.9	1054.704	1010.628	1.00	1.64	13.045	10.000	9.27	92.7	NO	2.513	NO
3	3	3:3 FTCA	241.1 > 177.0	289.666	4563.408	1.00	2.11	0.793	10.000	9.09	90.9	NO	1.869	NO
4	4	PFPeA	263.1 > 218.9	3631.185	4563.408	1.00	2.25	9.946	10.000	9.90	99.0	NO		
5	5	PFBS	299.0 > 79.7	1815.737	1010.628	1.00	2.53	22.458	10.000	10.6	105.9	NO	2.723	NO
6	6	4:2 FTS	327.0 > 306.9	2716.291	1495.863	1.00	2.96	22.698	10.000	10.6	105.5	NO	1.587	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2315.710		1.00	1.31	2315.710	12.500	13.3	106.3	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1010.628		1.00	2.52	1010.628	12.500	13.5	108.2	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	4563.408		1.00	2.25	4563.408	12.500	12.8	102.7	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	4563.408		1.00	2.25	4563.408	12.500	12.8	102.7	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1010.628		1.00	2.52	1010.628	12.500	13.5	108.2	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	1495.863		1.00	2.96	1495.863	12.500	14.2	113.5	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	7386.930	8958.372	1.00	3.04	10.307	10.000	10.3	102.7	NO	17.187	NO
15	8	PFPeS	349.0 > 80.0	2013.431	1010.628	1.00	3.25	24.903	10.000	11.1	111.1	NO	1.712	NO
16	9	HFPO-DA	285.1 > 168.9	735.134	861.494	1.00	3.26	10.667	10.000	11.1	111.3	NO	2.246	NO
17	10	5:3 FTCA	340.9 > 236.9	1875.984	5536.506	1.00	3.59	4.235	10.000	11.1	110.7	NO	1.521	NO
18	11	PFHpA	363.0 > 318.9	5775.569	5536.506	1.00	3.65	13.040	10.000	10.3	103.1	NO	16.357	NO
19	12	ADONA	376.8 > 250.9	20714.508	5536.506	1.00	3.76	46.768	10.000	11.5	115.5	NO	3.835	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	8958.372		1.00	3.04	8958.372	12.500	13.3	106.4	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1010.628		1.00	2.52	1010.628	12.500	13.5	108.2	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	861.494		1.00	3.26	861.494	12.500	12.1	97.0	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5536.506		1.00	3.65	5536.506	12.500	13.2	105.8	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5536.506		1.00	3.65	5536.506	12.500	13.2	105.8	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5536.506		1.00	3.65	5536.506	12.500	13.2	105.8	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2344.055	2520.637	1.00	3.79	11.624	10.000	11.8	118.0	NO	1.690	NO
28	15	6:2 FTS	427.1 > 407.0	3007.726	1352.465	1.00	4.10	27.799	10.000	10.4	104.0	NO	2.049	NO
29	16	L-PFOA	412.8 > 368.9	12976.718	11081.464	1.00	4.16	14.638	10.000	10.3	103.3	NO	3.807	NO
30	18	PFecHS	460.8 > 381.0	3434.872	11081.464	1.00	4.17	3.875	10.000	9.27	92.7	NO	0.844	NO
31	19	PFHpS	448.9 > 80.0	1967.898	3301.528	1.00	4.27	7.451	10.000	9.33	93.3	NO	1.976	NO
32	20	7:3 FTCA	441.0 > 337.0	2806.971	9636.470	1.00	4.58	3.641	10.000	8.89	88.9	NO	1.432	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	2520.637		1.00	3.79	2520.637	12.500	13.6	108.7	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1352.465		1.00	4.10	1352.465	12.500	13.4	107.0	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	11081.464		1.00	4.16	11081.464	12.500	14.2	113.9	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	11081.464		1.00	4.16	11081.464	12.500	14.2	113.9	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

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(A) Above criteria

Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	3301.528		1.00	4.68	3301.528	12.500	15.5	124.2	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	9636.470		1.00	4.59	9636.470	12.500	14.3	114.4	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	10492.080	9636.470	1.00	4.59	13.610	10.000	11.6	115.8	NO	5.747	NO
41	22	PFOSA	498.0 > 78.0	2664.128	2872.960	1.00	4.65	11.591	10.000	10.5	104.9	NO	33.799	NO
42	23	L-PFOS	499 > 80	2659.446	3301.528	1.00	4.68	10.069	10.000	11.9	119.1	NO	2.012	NO
43	25	9Cl-PF3ONS	531 > 351.0	6421.836	3301.528	1.00	4.90	24.314	10.000	7.11	71.1	NO	16.537	NO
44	26	PFDA	513 > 468.8	12527.935	9970.957	1.00	4.97	15.706	10.000	12.1	120.8	NO	6.032	NO
45	27	8:2 FTS	526.9 > 507.0	2991.795	1654.735	1.00	4.94	22.600	10.000	9.49	94.9	NO	1.839	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	9636.470		1.00	4.59	9636.470	12.500	14.3	114.4	NO		
47	67	13C8-PFOSA-EIS	506. > 78	2872.960		1.00	4.65	2872.960	12.500	12.4	99.4	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	3301.528		1.00	4.68	3301.528	12.500	15.5	124.2	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	3301.528		1.00	4.68	3301.528	12.500	15.5	124.2	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	9970.957		1.00	4.97	9970.957	12.500	13.9	111.2	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1654.735		1.00	4.94	1654.735	12.500	15.3	122.7	NO		
52	-1													
53	28	PFNS	549.0 > 79.9	1800.491	3301.528	1.00	5.04	6.817	10.000	7.17	71.7	NO	1.329	NO
54	29	L-MeFOSAA	570 > 419	6128.711	7535.488	1.00	5.12	10.166	10.000	10.0	100.3	NO	2.823	NO
55	31	L-EtFOSAA	583.6 > 418.9	3522.252	5918.057	1.00	5.29	7.440	10.000	11.2	111.7	NO	1.239	NO
56	33	PFUdA	563.0 > 518.9	9540.094	11817.297	1.00	5.30	10.091	10.000	11.2	112.1	NO	15.727	YES
57	34	PFDS	599.0 > 80.0	2101.225	3301.528	1.00	5.35	7.956	10.000	10.6	106.0	NO	2.068	NO
58	35	11Cl-PF3OUdS	630.9 > 450.9	7730.364	13503.055	1.00	5.52	7.156	10.000	10.5	105.5	NO	27.593	NO
59	71	13C8-PFOS-EIS	507.0 > 80	3301.528		1.00	4.68	3301.528	12.500	15.5	124.2	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	7535.488		1.00	5.12	7535.488	12.500	12.6	101.1	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	5918.057		1.00	5.28	5918.057	12.500	12.4	99.5	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	11817.297		1.00	5.30	11817.297	12.500	11.2	89.4	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	3301.528		1.00	4.68	3301.528	12.500	15.5	124.2	NO		
64	83	13C2-PFDoA-EIS	615 > 570	13503.055		1.00	5.59	13503.055	12.500	12.8	102.4	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	3032.060	922.265	1.00	5.57	41.095	10.000	13.2	131.8 (A)	YES	2.003	NO
67	37	PFDoA	612.9 > 569.0	10761.149	13503.055	1.00	5.59	9.962	10.000	9.50	95.0	NO	8.603	NO
68	38	N-MeFOSA	512.1 > 168.9	4762.367	13227.646	1.00	5.68	53.717	50.000	52.6	105.3	NO	1.461	NO
69	39	PFTrDA	662.9 > 618.9	11623.426	13503.055	1.00	5.84	10.760	10.000	10.6	106.3	NO	8.128	NO
70	40	PFDoS	698.9 > 80	2830.912	12106.530	1.00	5.87	2.923	10.000	8.83	88.3	NO	1.882	NO
71	41	PFTeDA	713.0 > 669.0	13317.294	12106.530	1.00	6.07	13.750	10.000	9.83	98.3	NO	15.118	NO
72	85	13C2-10:2 FTS-EIS	633 > 79.9	922.265		1.00	5.57	922.265	12.500	9.97	79.7	NO		

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Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	615 > 570	13503.055		1.00	5.59	13503.055	12.500	12.8	102.4	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	13227.646		1.00	5.71	13227.646	149.200	156	104.5	NO		
75	83	13C2-PFDoA-EIS	615 > 570	13503.055		1.00	5.59	13503.055	12.500	12.8	102.4	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	12106.530		1.00	6.07	12106.530	12.500	13.7	109.3	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	12106.530		1.00	6.07	12106.530	12.500	13.7	109.3	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	6142.292	19337.178	1.00	6.14	47.392	50.000	56.6	113.2	NO	1.512	NO
80	43	PFHxDA	813.1 > 768.6	9051.371	16745.498	1.00	6.42	6.757	10.000	11.0	110.0	NO	38.674	NO
81	44	PFODA	913.1 > 868.8	12284.076	16745.498	1.00	6.66	9.170	10.000	10.9	109.1	NO		
82	45	N-MeFOSE	616.1 > 58.9	3561.588	9498.493	1.00	6.36	55.945	50.000	51.4	102.7	NO		
83	46	N-EtFOSE	630.1 > 58.9	4015.981	11692.791	1.00	6.51	51.244	50.000	43.6	87.3	NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	2315.710	2813.609	1.00	1.31	10.288	12.500	13.9	111.3	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	19337.178		1.00	6.16	19337.178	149.200	152	101.7	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	16745.498		1.00	6.42	16745.498	12.500	14.1	112.9	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	16745.498		1.00	6.42	16745.498	12.500	14.1	112.9	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	9498.493		1.00	6.35	9498.493	149.200	142	95.1	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	11692.791		1.00	6.50	11692.791	149.200	160	107.1	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	4563.408	9870.089	1.00	2.25	5.779	12.500	11.2	89.9	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1010.628	1353.238	1.00	2.52	9.335	12.500	11.8	94.7	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	861.494	9870.089	1.00	3.26	1.091	12.500	10.1	80.6	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	1495.863	1353.238	1.00	2.96	13.817	12.500	13.0	103.7	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	8958.372	9870.089	1.00	3.04	11.345	12.500	11.5	91.8	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	5536.506	9870.089	1.00	3.65	7.012	12.500	11.3	90.4	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	2520.637	1353.238	1.00	3.79	23.283	12.500	11.9	95.5	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1352.465	3038.949	1.00	4.10	5.563	12.500	12.6	100.7	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	9639.889	9396.222	1.00	4.59	12.824	12.500	14.0	111.9	NO		
100	68	13C8-PFOSA-RSD	506. > 78	2884.752	14121.561	1.00	4.65	2.553	12.500	11.8	94.4	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	11081.464	13770.773	1.00	4.16	10.059	12.500	12.7	101.6	NO		
102	72	13C8-PFOS-RSD	507.0 > 80	3301.528	3038.949	1.00	4.68	13.580	12.500	13.5	108.0	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	9970.957	10393.322	1.00	4.97	11.992	12.500	13.3	106.2	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	528.9 > 79.9	1655.058	3038.949	1.00	4.94	6.808	12.500	14.1	112.6	NO		
106	78	d3-N-MeFOSAA-RSD	573. > 419	7535.488	14121.561	1.00	5.12	6.670	12.500	12.2	97.5	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	11817.297	14121.561	1.00	5.30	10.460	12.500	10.1	81.0	NO		
108	82	d5-N-EtFOSAA-RSD	589. > 419	5918.057	14121.561	1.00	5.28	5.238	12.500	10.6	84.4	NO		

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Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84 13C2-PFDoA-RSD	615 > 570	13503.055	10393.322	1.00	5.59	16.240	12.500	11.8	94.0	NO		
110	86 13C2-10:2 FTS-RSD	633 > 79.9	922.783	3038.949	1.00	5.57	3.796	12.500	10.5	83.7	NO		
111	88 d3-N-MeFOSA-RSD	515.2 > 168.9	13227.646	14121.561	1.00	5.71	11.709	149.200	137	91.6	NO		
112	90 13C2-PFTeDA-RSD	715.1 > 669.7	12106.530	14121.561	1.00	6.07	10.716	12.500	12.8	102.7	NO		
113	92 d5-N-ETFOSA-RSD	531.1 > 168.9	19337.178	14121.561	1.00	6.16	17.117	149.200	137	92.0	NO		
114	94 13C2-PFHxDA-RSD	815 > 769.7	16745.498	14121.561	1.00	6.42	14.823	12.500	10.9	87.3	NO		
115	96 d7-N-MeFOSE-RSD	623.1 > 58.9	9498.493	14121.561	1.00	6.35	8.408	149.200	132	88.7	NO		
116	98 d9-N-EtFOSE-RSD	639.2 > 58.8	11696.683	14121.561	1.00	6.50	10.354	149.200	146	97.8	NO		
117	-1												
118	99 13C4-PFBA	217.0 > 172.0	2813.609	2813.609	1.00	1.31	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	9870.089	9870.089	1.00	3.04	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	13770.773	13770.773	1.00	4.16	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	1353.238	1353.238	1.00	3.79	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	9396.222	9396.222	1.00	4.59	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	3038.949	3038.949	1.00	4.68	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	10393.322	10393.322	1.00	4.97	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	14121.561	14121.561	1.00	5.30	12.500	12.500	12.5	100.0	NO		

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Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200602M2_1	IPA	02-Jun-20	16:16:37
2	2 200602M2_2	IPA	02-Jun-20	16:27:02
3	3 200602M2_3	ST200602M2-1 PFC CS-2 20E2701	02-Jun-20	16:37:27
4	4 200602M2_4	ST200602M2-2 PFC CS-1 20E2702	02-Jun-20	16:47:52
5	5 200602M2_5	ST200602M2-3 PFC CS0 20F0201	02-Jun-20	16:58:16
6	6 200602M2_6	ST200602M2-4 PFC CS1 20E2704	02-Jun-20	17:08:41
7	7 200602M2_7	ST200602M2-5 PFC CS2 20E2705	02-Jun-20	17:19:05
8	8 200602M2_8	ST200602M2-6 PFC CS3 20E2706	02-Jun-20	17:29:31
9	9 200602M2_9	ST200602M2-7 PFC CS4 20E2707	02-Jun-20	17:39:53
10	10 200602M2_10	ST200602M2-8 PFC CS5 20E2708	02-Jun-20	17:50:15
11	11 200602M2_11	ST200602M2-9 PFC CS6 20E2709	02-Jun-20	18:00:37
12	12 200602M2_12	ST200602M2-10 PFC CS7 20E2710	02-Jun-20	18:11:00
13	13 200602M2_13	IB	02-Jun-20	18:21:25
14	14 200602M2_14	ICV200602M2-1 PFC ICV 20E2711	02-Jun-20	18:31:47
15	15 200602M2_15	IB	02-Jun-20	18:42:09
16	16 200602M2_16	B0E0261-BLK1@5X Method Blank 0.001	02-Jun-20	18:52:31
17	17 200602M2_17	B0E0261-BS1@5X OPR 0.001	02-Jun-20	19:02:53
18	18 200602M2_18	2001079-02RE1@5X Virexll 256 0.00102	02-Jun-20	19:13:18
19	19 200602M2_19	B0E0261-BLK1@20X Method Blank 0.001	02-Jun-20	19:23:43
20	20 200602M2_20	B0E0261-BS1@20X OPR 0.001	02-Jun-20	19:34:05
21	21 200602M2_21	2001079-02RE1@20X Virexll 256 0.00102	02-Jun-20	19:44:27
22	22 200602M2_22	B0E0258-BLK1 Method Blank 0.25	02-Jun-20	19:54:50
23	23 200602M2_23	B0E0258-BS1 OPR 0.25	02-Jun-20	20:05:12
24	24 200602M2_24	B0E0258-BSD1 LCSD 0.25	02-Jun-20	20:15:34
25	25 200602M2_25	2001167-01 PFC-AF-01-03-052720 0.24695	02-Jun-20	20:25:56
26	26 200602M2_26	B0E0234-BLK1 Method Blank 0.125	02-Jun-20	20:36:19
27	27 200602M2_27	B0E0234-BS1 OPR 0.125	02-Jun-20	20:46:41
28	28 200602M2_28	B0E0234-BSD1 LCSD 0.125	02-Jun-20	20:57:03
29	29 200602M2_29	2001068-05RE1 L-Combined 0.11572	02-Jun-20	21:07:25
30	30 200602M2_30	2001068-06RE1 L-PHI 0.11938	02-Jun-20	21:17:47
31	31 200602M2_31	2001068-07RE1 L-PHIIE 0.11694	02-Jun-20	21:28:10
32	32 200602M2_32	2001068-08RE1 L-PHIIW 0.11793	02-Jun-20	21:38:32

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 13:14:52 Pacific Daylight Time
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Compound name: PFBA

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33	33 200602M2_33	B0E0224-BLK1 Method Blank 0.25	02-Jun-20	21:48:54
34	34 200602M2_34	B0E0224-BS1 OPR 0.25	02-Jun-20	21:59:17
35	35 200602M2_35	B0E0224-BSD1 LCSD 0.25	02-Jun-20	22:09:38
36	36 200602M2_36	2001129-04 A4-MW3D-INT1-EB 0.24113	02-Jun-20	22:20:01
37	37 200602M2_37	B0E0225-BLK1 Method Blank 0.25	02-Jun-20	22:30:23
38	38 200602M2_38	B0E0225-BS1 OPR 0.25	02-Jun-20	22:40:45
39	39 200602M2_39	B0E0225-MS1 Matrix Spike 0.24985	02-Jun-20	22:51:07
40	40 200602M2_40	B0E0225-MSD1 Matrix Spike Dup 0.25054	02-Jun-20	23:01:29
41	41 200602M2_41	2001123-01 MW-2(051920) 0.25456	02-Jun-20	23:11:52
42	42 200602M2_42	2001123-02 MW-15(051920) 0.24152	02-Jun-20	23:22:14
43	43 200602M2_43	IB	02-Jun-20	23:32:36
44	44 200602M2_44	ST200602M2-11 PFC CS3 20E2706	02-Jun-20	23:42:58
45	45 200602M2_45	IB	02-Jun-20	23:53:21
46	46 200602M2_46	2001123-03 MW-3(051920) 0.25492	03-Jun-20	00:03:43
47	47 200602M2_47	2001123-04 MW-6(051920) 0.25539	03-Jun-20	00:14:05
48	48 200602M2_48	2001123-05 FB(051920) 0.24576	03-Jun-20	00:24:27
49	49 200602M2_49	2001123-06 DUP(051920) 0.2487	03-Jun-20	00:34:49
50	50 200602M2_50	2001123-07 EB(052020) 0.25388	03-Jun-20	00:45:12
51	51 200602M2_51	2001123-08 MW-8(052020) 0.24436	03-Jun-20	00:55:34
52	52 200602M2_52	2001123-09 MW-12(052020) 0.25919	03-Jun-20	01:05:56
53	53 200602M2_53	2001123-10 MW-9(052020) 0.25813	03-Jun-20	01:16:18
54	54 200602M2_54	2001123-11 MW-7(052020) 0.25348	03-Jun-20	01:26:41
55	55 200602M2_55	2001123-12 GW-GW4(052020) 0.2528	03-Jun-20	01:37:03
56	56 200602M2_56	2001123-13 MW-4(052020) 0.24316	03-Jun-20	01:47:25
57	57 200602M2_57	2001123-14 GW-GW1(052020) 0.25632	03-Jun-20	01:57:47
58	58 200602M2_58	2001123-15 FB(052020) 0.24797	03-Jun-20	02:08:10
59	59 200602M2_59	2001123-16 TRIP BLANK 0.25479	03-Jun-20	02:18:31
60	60 200602M2_60	IB	03-Jun-20	02:28:54
61	61 200602M2_61	ST200602M2-12 PFC CS3 20E2706	03-Jun-20	02:39:16
62	62 200602M2_62	IB	03-Jun-20	02:49:40
63	63 200602M2_63	B0E0170-BLK1 Method Blank 0.125	03-Jun-20	03:00:05
64	64 200602M2_64	B0E0170-BS1 OPR 0.125	03-Jun-20	03:10:31
65	65 200602M2_65	B0E0170-MS1 Matrix Spike 0.11362	03-Jun-20	03:20:53
66	66 200602M2_66	B0E0170-MSD1 Matrix Spike Dup 0.11097	03-Jun-20	03:31:18
67	67 200602M2_67	2001090-01 GW-MW-5S 0.10966	03-Jun-20	03:41:44
68	68 200602M2_68	2001090-02 GW-MW-5D 0.11246	03-Jun-20	03:52:08

Vista Analytical Laboratory

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Compound name: PFBA

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69	69 200602M2_69	2001090-03 GW-AE-1A 0.11711	03-Jun-20	04:02:30
70	70 200602M2_70	2001090-04 GW-AE-1B 0.11012	03-Jun-20	04:12:53
71	71 200602M2_71	2001090-05 GW-MW-20D1 0.11459	03-Jun-20	04:23:15
72	72 200602M2_72	2001090-06 GW-MW-20D1-DUP 0.11445	03-Jun-20	04:33:37
73	73 200602M2_73	2001090-07 GW-MW-20D2 0.11536	03-Jun-20	04:44:00
74	74 200602M2_74	2001090-08 GW-MW-20S 0.11302	03-Jun-20	04:54:22
75	75 200602M2_75	2001090-09 GW-OP-5 0.11343	03-Jun-20	05:04:44
76	76 200602M2_76	2001090-10 GW-BP-4 0.11452	03-Jun-20	05:15:06
77	77 200602M2_77	IB	03-Jun-20	05:25:28
78	78 200602M2_78	ST200602M2-13 PFC CS3 20E2706	03-Jun-20	05:35:54
79	79 200602M2_79	IB	03-Jun-20	05:46:19
80	80 200602M2_80	2001090-11 GW-MW-11 0.11069	03-Jun-20	05:56:41
81	81 200602M2_81	B0E0169-BLK1 Method Blank 0.125	03-Jun-20	06:07:06
82	82 200602M2_82	B0E0169-BS1 OPR 0.125	03-Jun-20	06:17:31
83	83 200602M2_83	B0E0169-MS1 Matrix Spike 0.11624	03-Jun-20	06:27:53
84	84 200602M2_84	B0E0169-MSD1 Matrix Spike Dup 0.11276	03-Jun-20	06:38:15
85	85 200602M2_85	2001087-01 SW-SW-LR 0.11323	03-Jun-20	06:48:38
86	86 200602M2_86	2001087-03 SW-SW-111 0.11032	03-Jun-20	06:59:00
87	87 200602M2_87	2001087-05 S-EB-Sediment 0.1135	03-Jun-20	07:09:22
88	88 200602M2_88	2001087-06 DW-R-4ROD 0.11948	03-Jun-20	07:19:44
89	89 200602M2_89	2001087-07 DW-EB-APPARATUS 0.11627	03-Jun-20	07:30:07
90	90 200602M2_90	2001087-08 DW-R-10SMW 0.11336	03-Jun-20	07:40:29
91	91 200602M2_91	2001087-09 DW-R-15BFL 0.11534	03-Jun-20	07:50:51
92	92 200602M2_92	2001087-10 DW-R-5BFL 0.11327	03-Jun-20	08:01:13
93	93 200602M2_93	2001087-11 DW-R-14PWC 0.11435	03-Jun-20	08:11:36
94	94 200602M2_94	2001087-12 DW-R-3 0.11563	03-Jun-20	08:21:58
95	95 200602M2_95	IB	03-Jun-20	08:32:20
96	96 200602M2_96	ST200602M2-14 PFC CS3 20E2706	03-Jun-20	08:42:42
97	97 200602M2_97	IB	03-Jun-20	08:53:04
98	98 200602M2_98	2001087-13 DW-R-3-DUP 0.11443	03-Jun-20	09:03:27
99	99 200602M2_99	B0E0198-BLK1 Method Blank 0.25	03-Jun-20	09:13:49
100	100 200602M2_100	B0E0198-BS1 OPR 0.25	03-Jun-20	09:24:11
101	101 200602M2_101	2001109-02 Blank 0.25372	03-Jun-20	09:34:33
102	102 200602M2_102	2001117-01 FRB 0.25476	03-Jun-20	09:44:55
103	103 200602M2_103	2001117-03 S. RAW 0.24802	03-Jun-20	09:55:18
104	104 200602M2_104	B0E0244-BLK1 Method Blank 0.125	03-Jun-20	10:05:40

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Compound name: PFBA

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106	106 200602M2_106	2001100-01 MW 101D 0.11362	03-Jun-20	10:26:24
107	107 200602M2_107	2001100-02 MW-02E 0.11238	03-Jun-20	10:36:47
108	108 200602M2_108	IB	03-Jun-20	10:47:09
109	109 200602M2_109	ST200602M2-15 PFC CS3 20E2706	03-Jun-20	10:57:31
110	110 200602M2_110	IB	03-Jun-20	11:07:53

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

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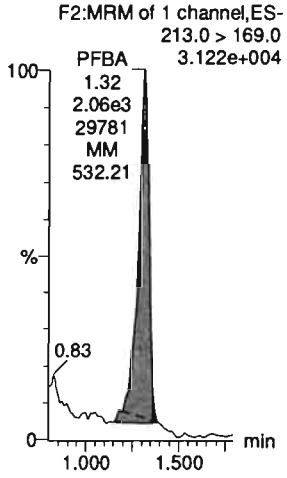
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFBA



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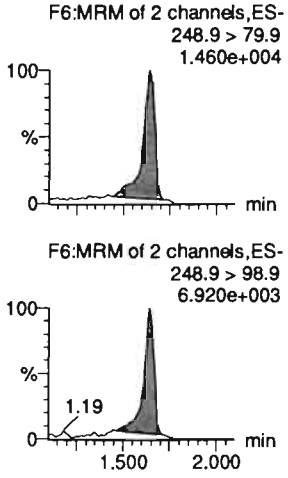
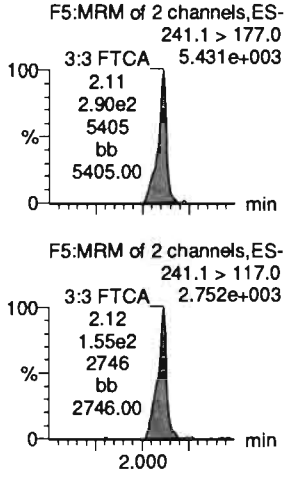


3:3 FTCA



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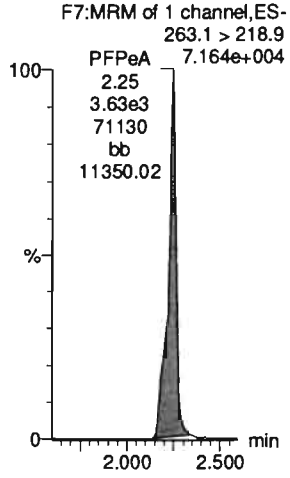

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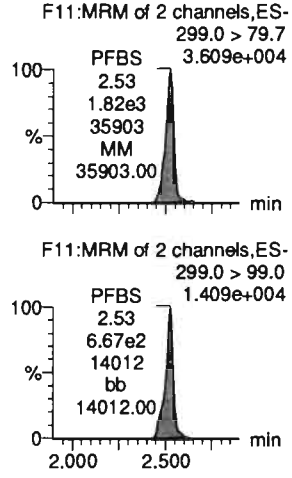
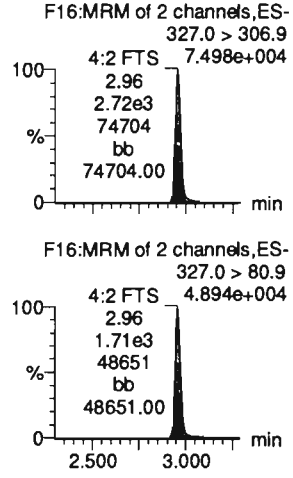
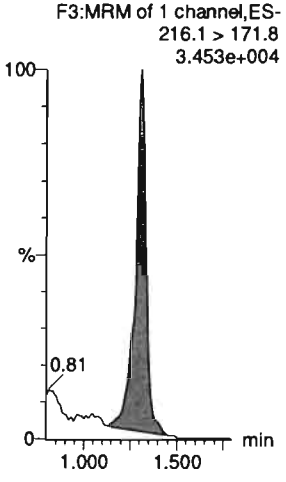


4:2 FTS



13C3-PFBA-EIS



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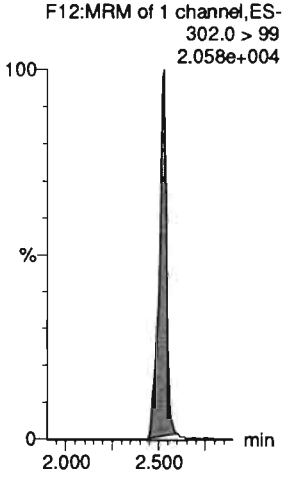

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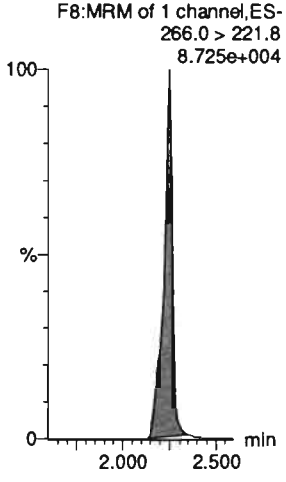

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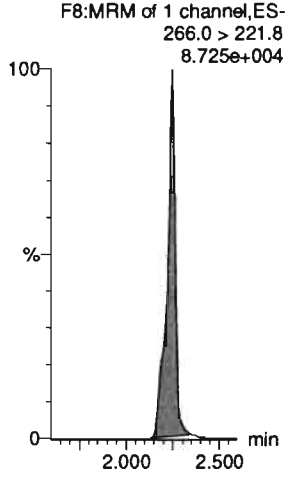

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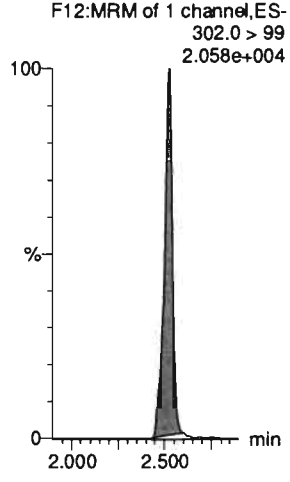

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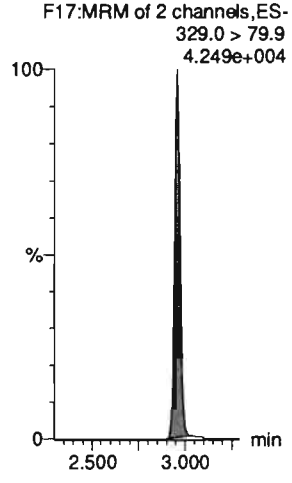

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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

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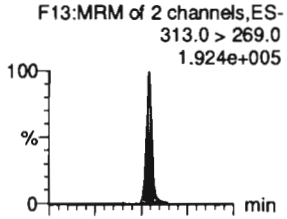
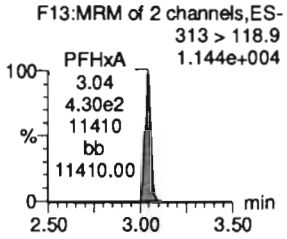
PFHxA





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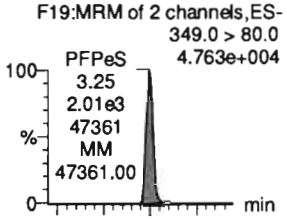
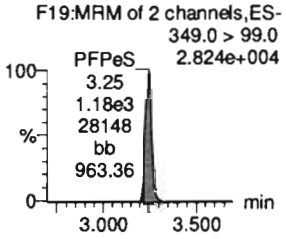
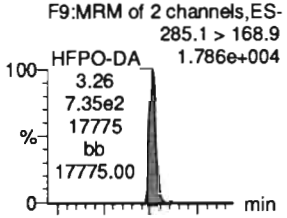
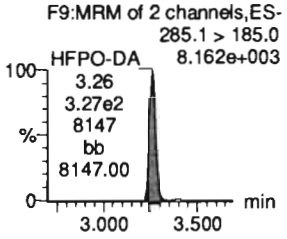




HFPO-DA





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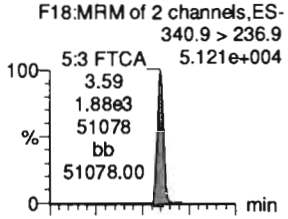

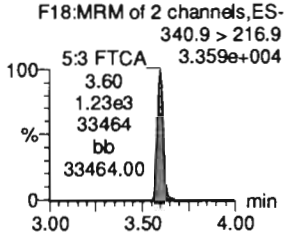

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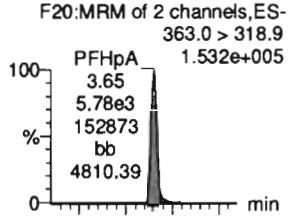

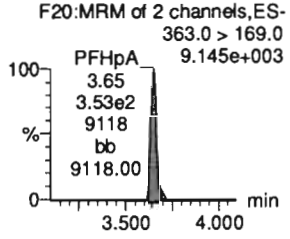

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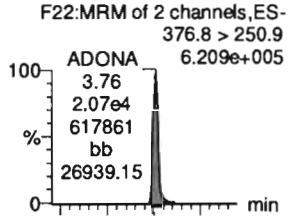

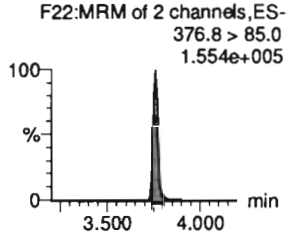

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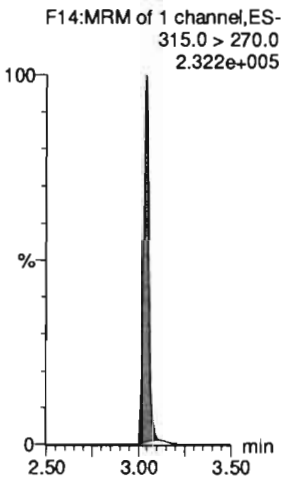

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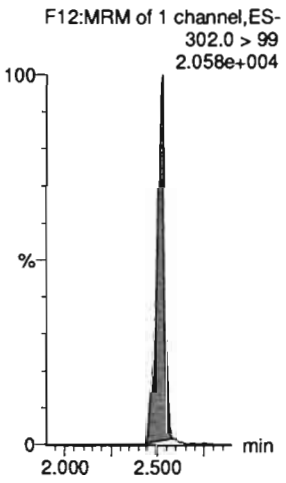

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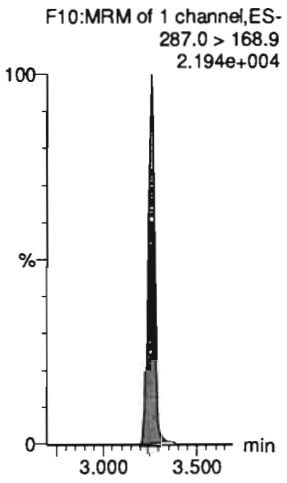

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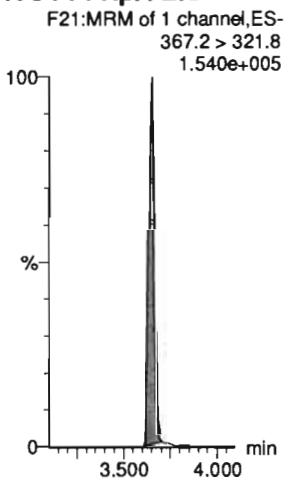

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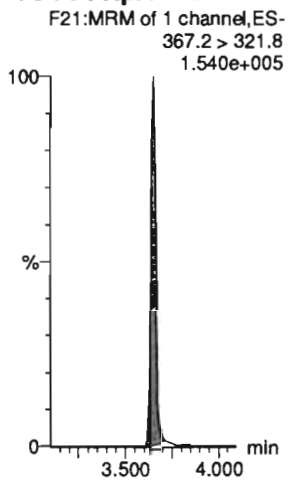

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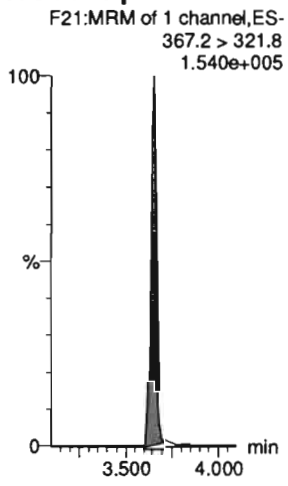

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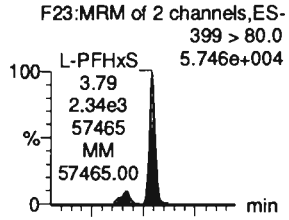
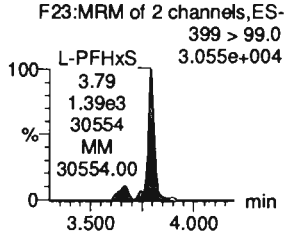
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

Last Altered: Wednesday, June 03, 2020 12:16:36 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:23:18 Pacific Daylight Time

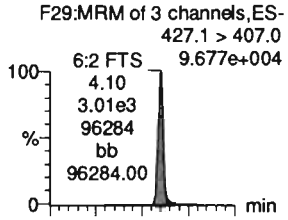
Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

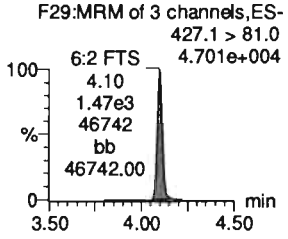
L-PFHxS





6:2 FTS





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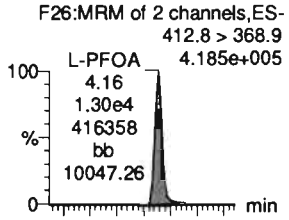

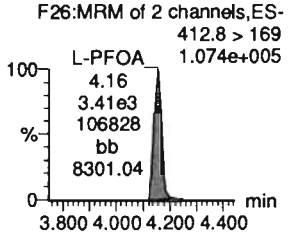

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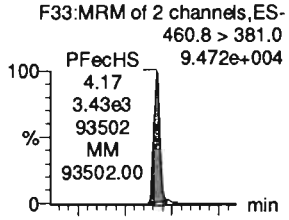

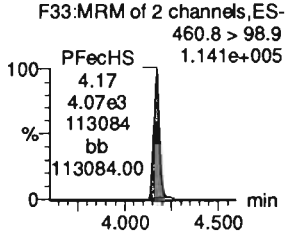

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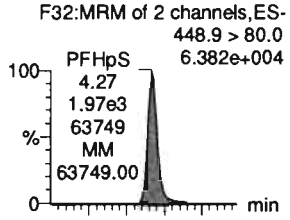
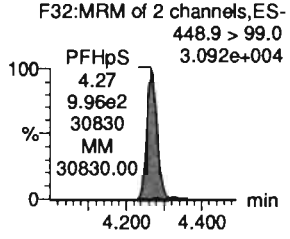
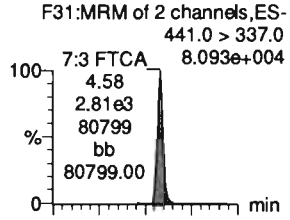
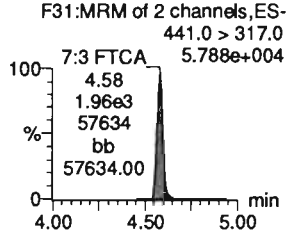


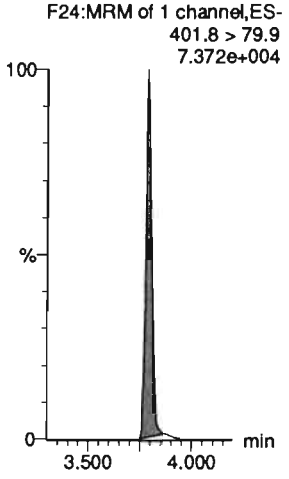


7:3 FTCA

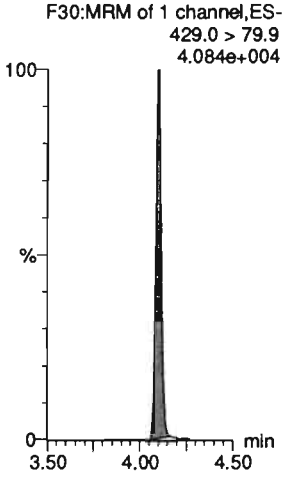




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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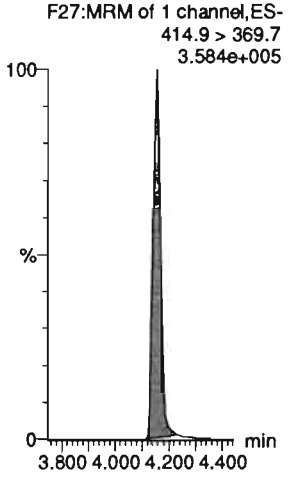

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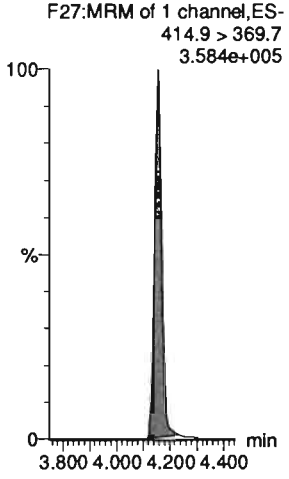
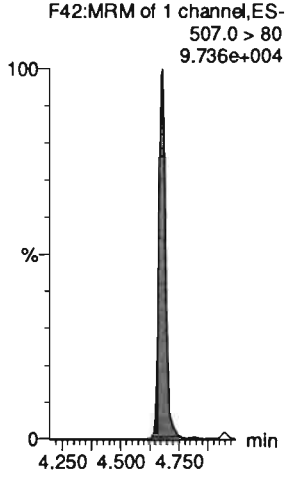


13C8-PFOS-EIS



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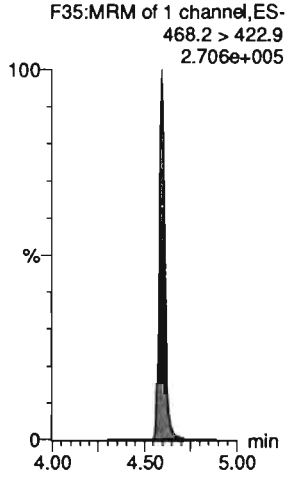

FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

Last Altered: Wednesday, June 03, 2020 12:16:36 Pacific Daylight Time
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Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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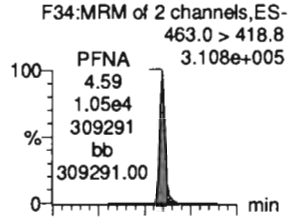

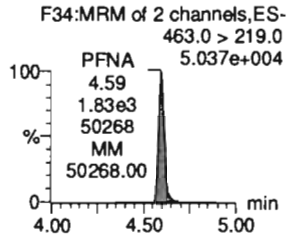

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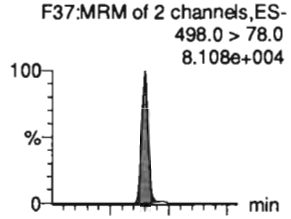

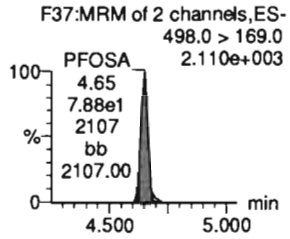

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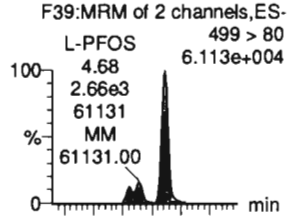

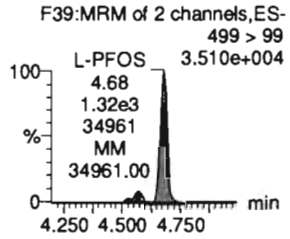

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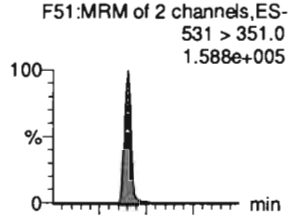

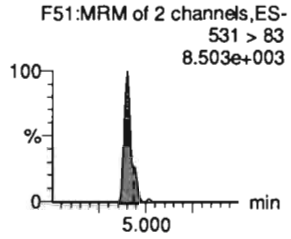

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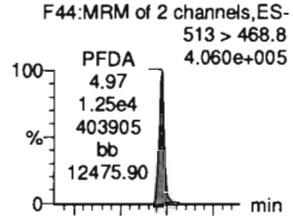

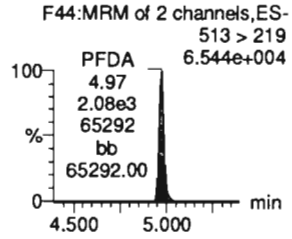

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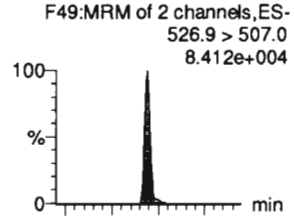

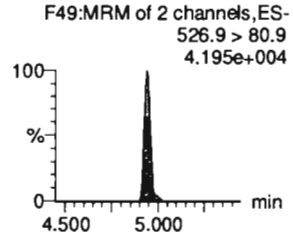

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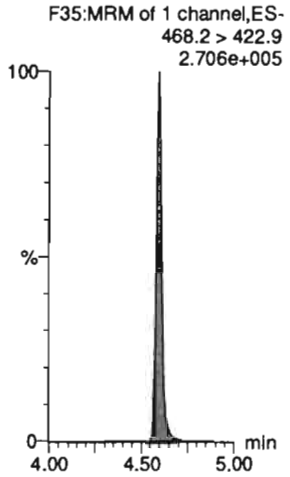

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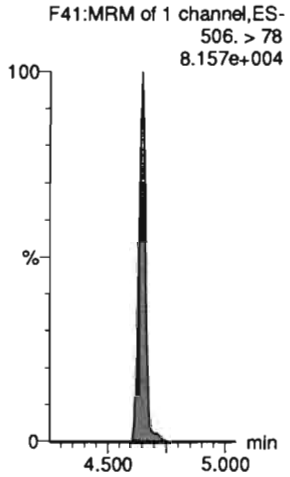

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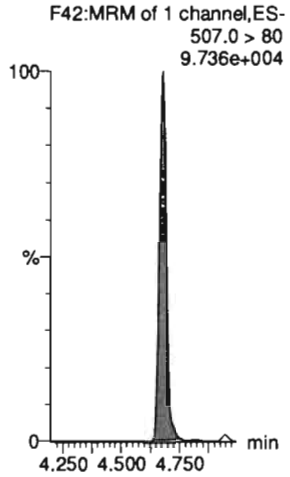

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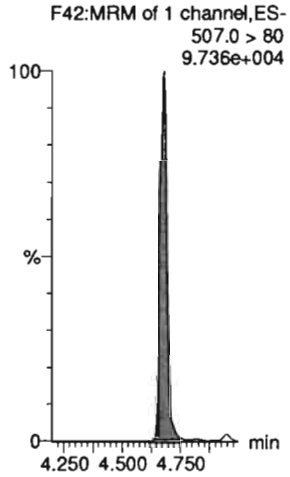

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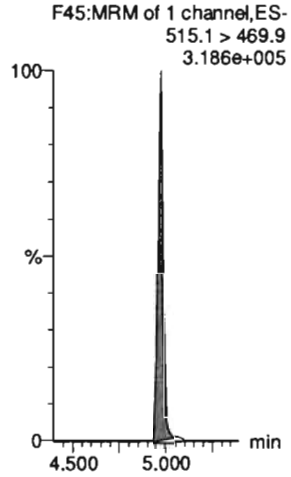

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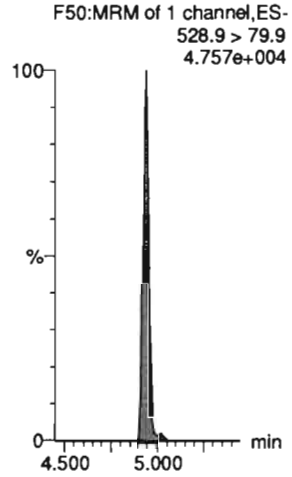

FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

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Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

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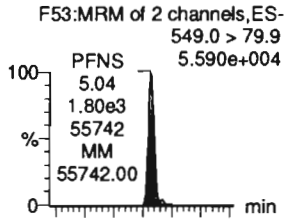

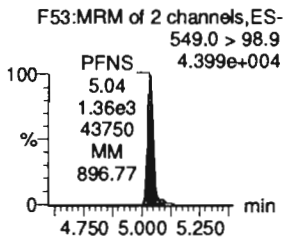

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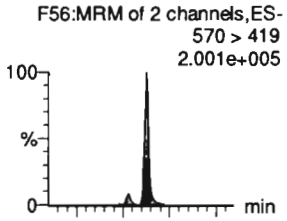

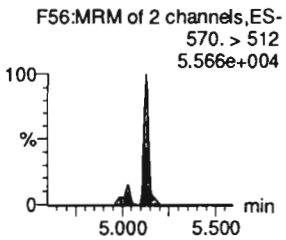

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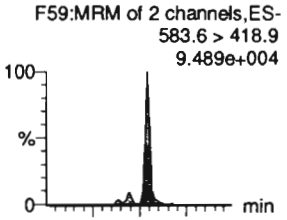

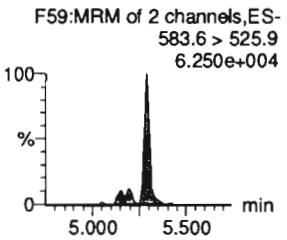

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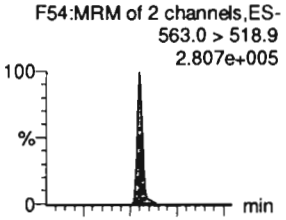

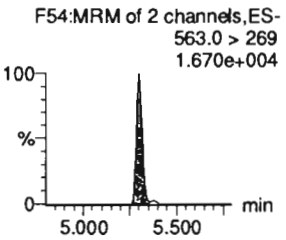

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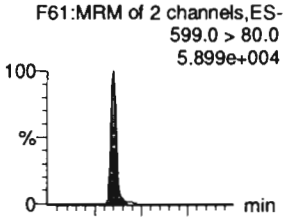

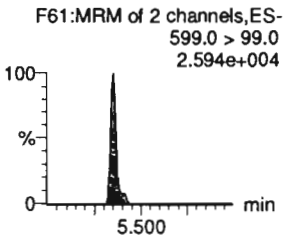

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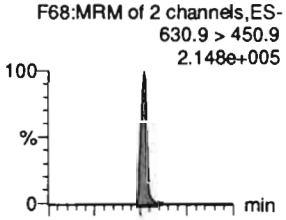

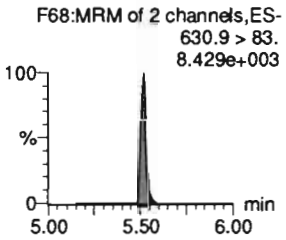

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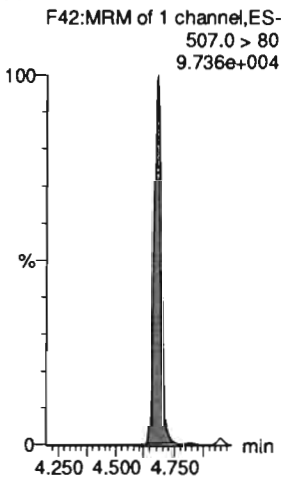

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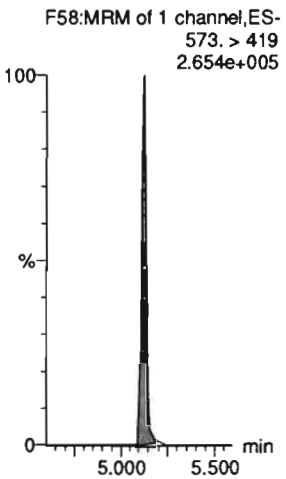

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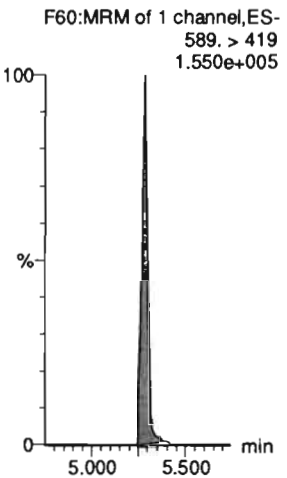

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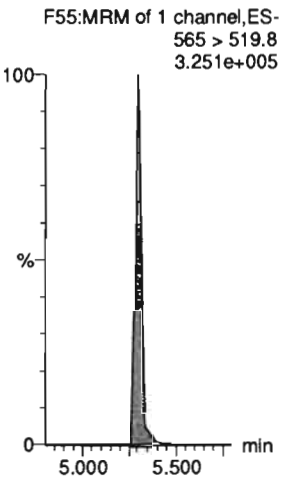

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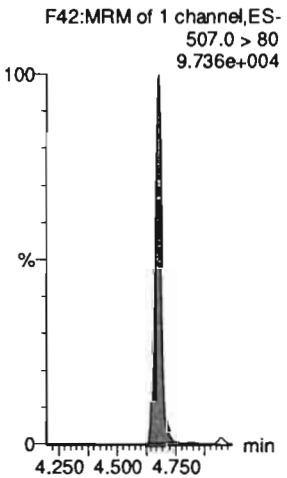

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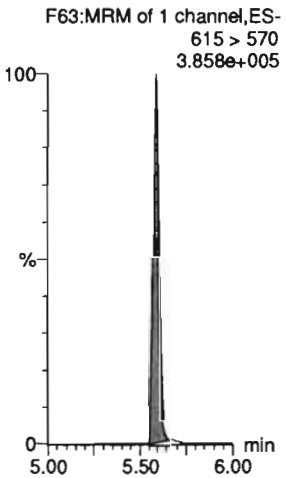


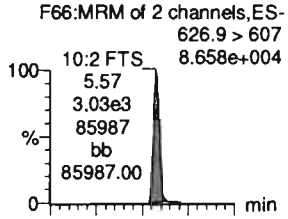
FBR 6/3/2020

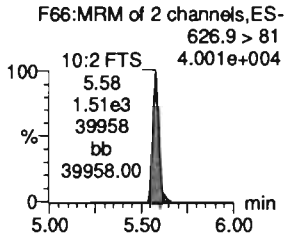
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

Last Altered: Wednesday, June 03, 2020 12:16:36 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:23:18 Pacific Daylight Time

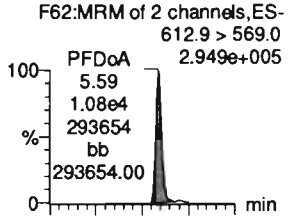
Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

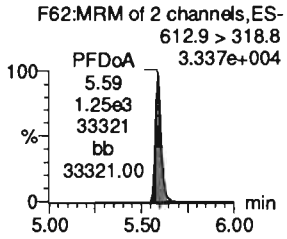
10:2 FTS



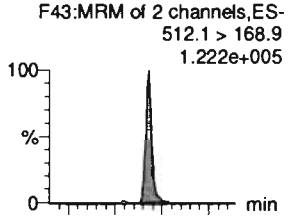


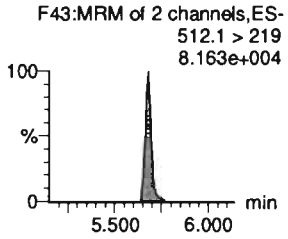
PFDoA





N-MeFOSA





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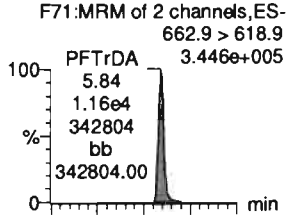
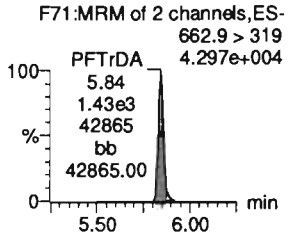
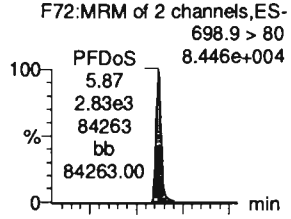
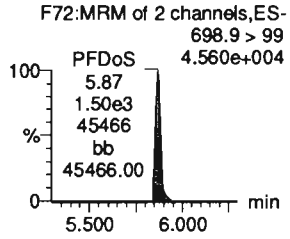


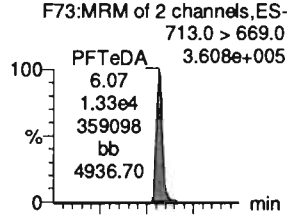


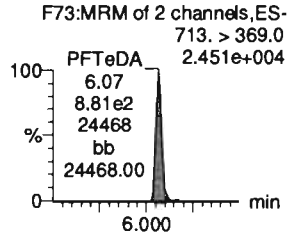
PFDoS



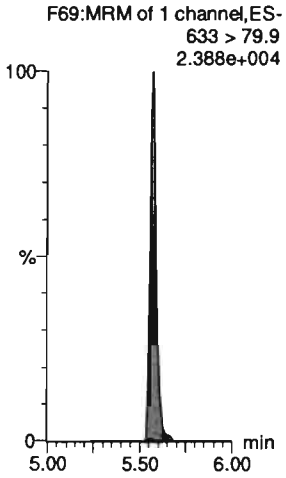


PFTeDA

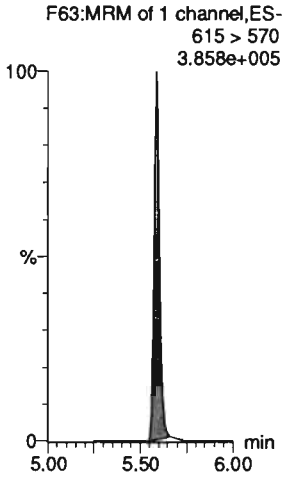




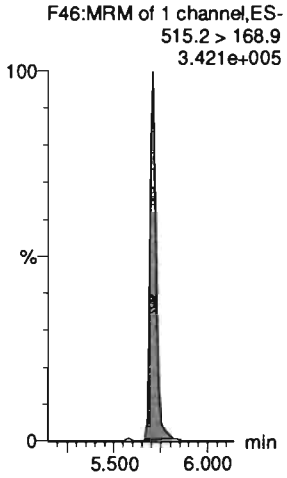
13C2-10:2 FTS-EIS



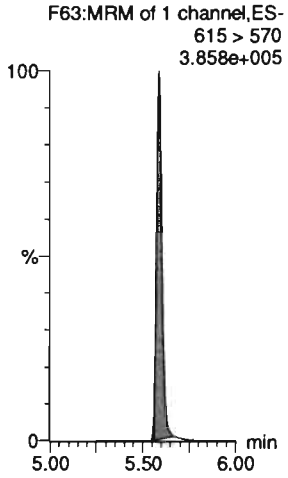
13C2-PFDoA-EIS



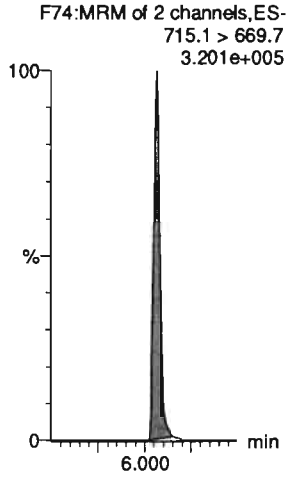
d3-N-MeFOSA-EIS



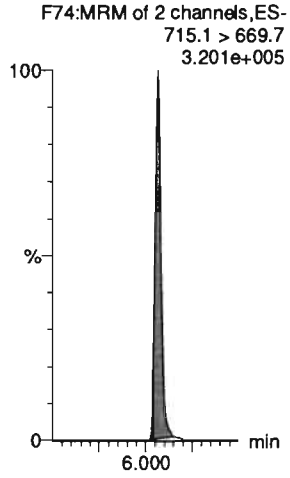
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



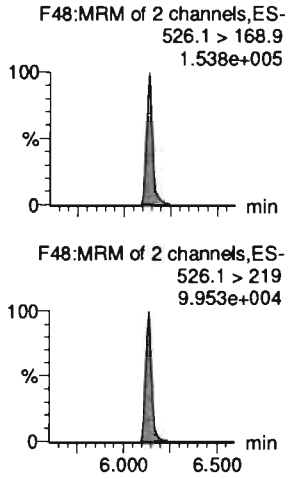
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

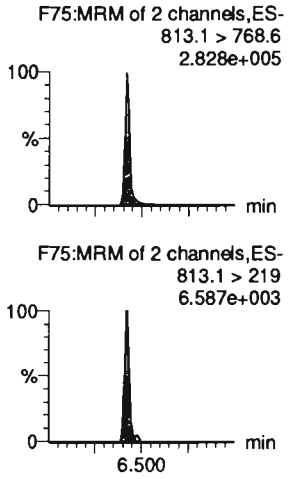
Last Altered: Wednesday, June 03, 2020 12:16:36 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:23:18 Pacific Daylight Time

Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

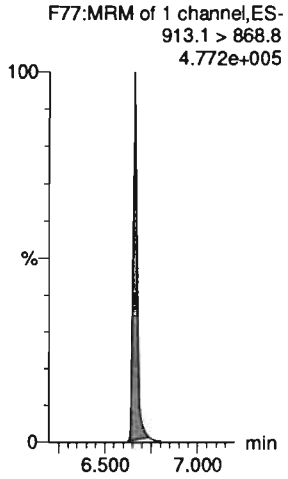
N-EtFOSA



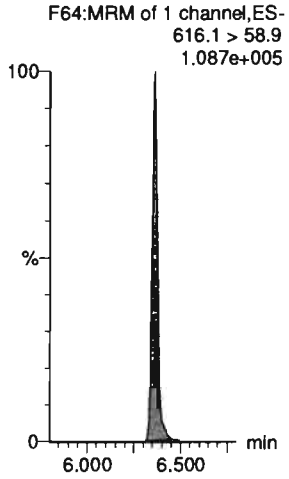
PFHxDA



PFODA



N-MeFOSE



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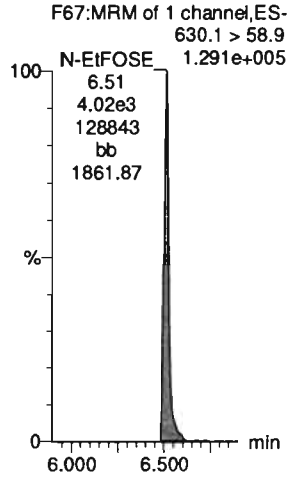
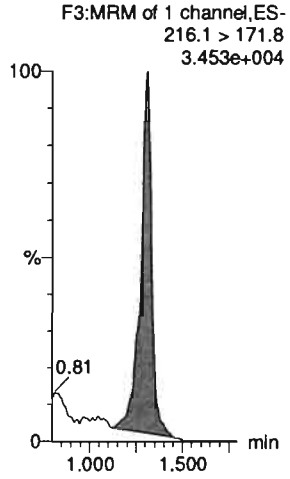
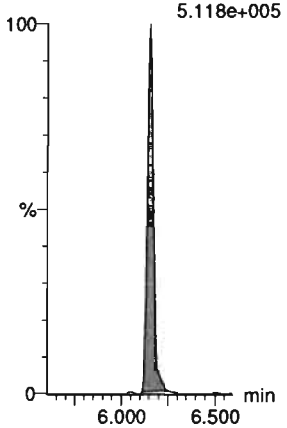


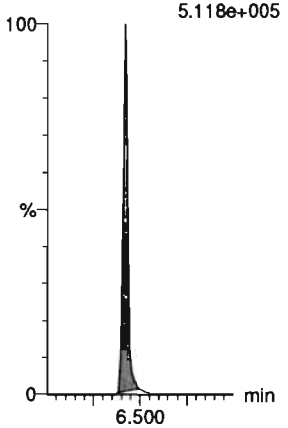
13C3-PFBA-RSD



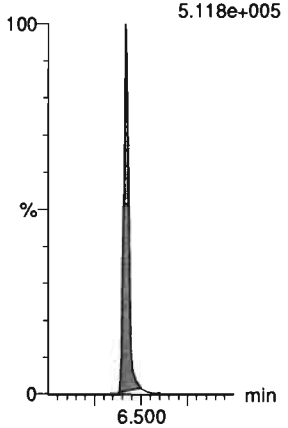
d5-N-ETFOSA-EIS



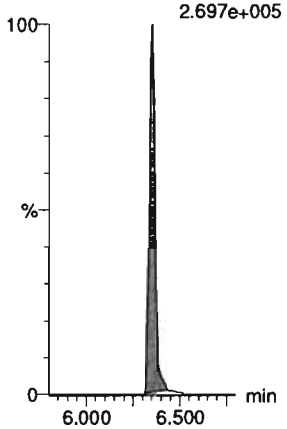
13C2-PFHxDA-EIS



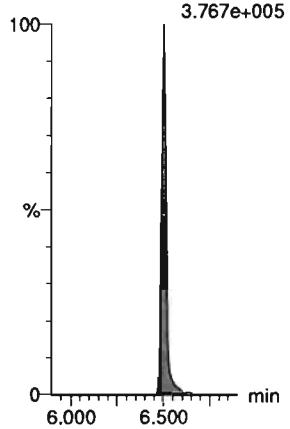
13C2-PFHxDA-EIS



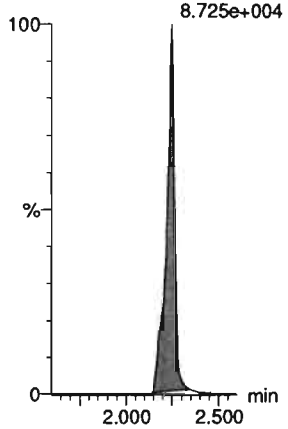
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



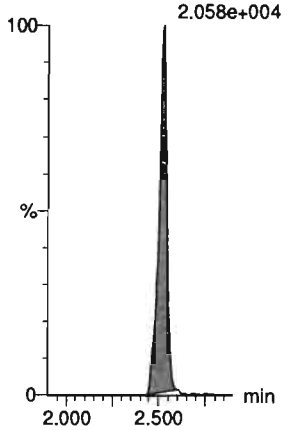
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

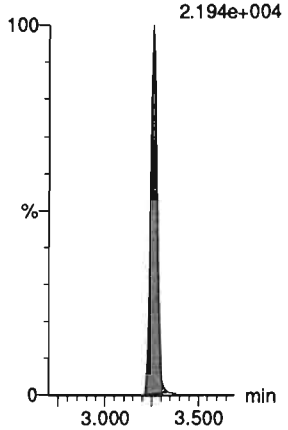
Last Altered: Wednesday, June 03, 2020 12:16:36 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:23:18 Pacific Daylight Time

Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

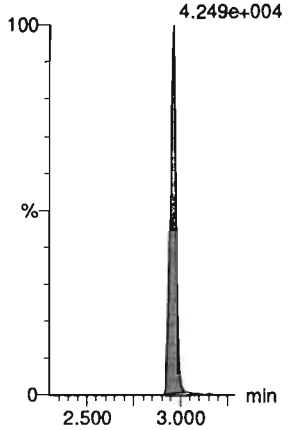
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.058e+004



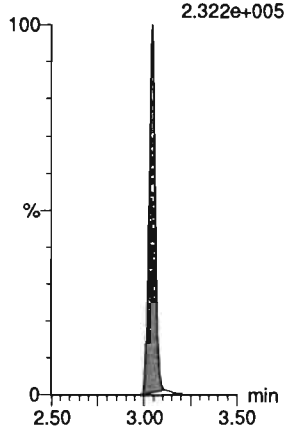
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.194e+004



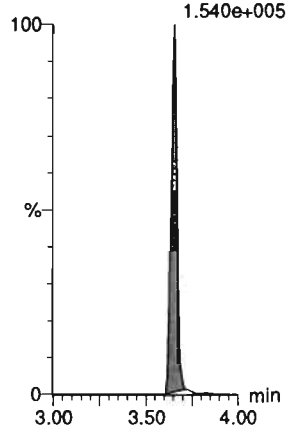
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.249e+004



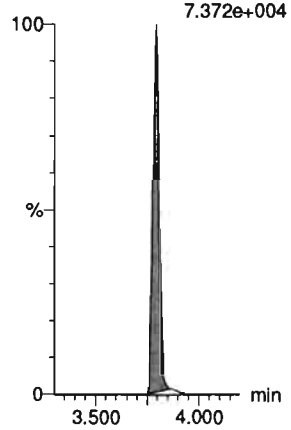
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.322e+005



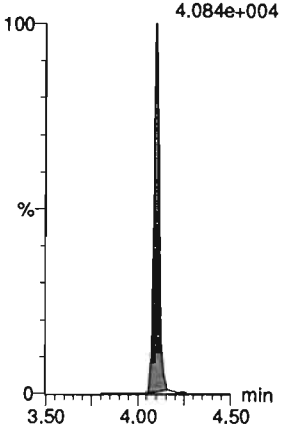
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.540e+005



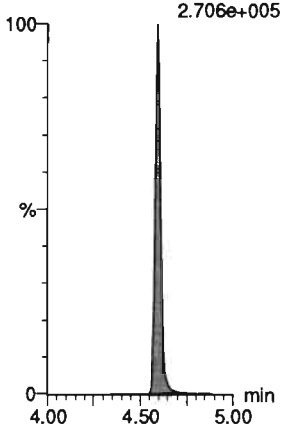
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
7.372e+004



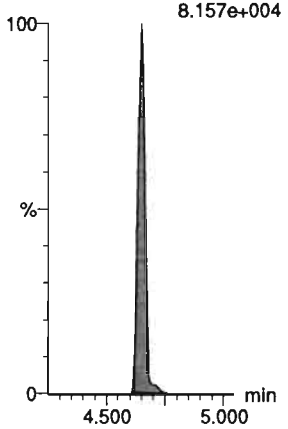
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.084e+004



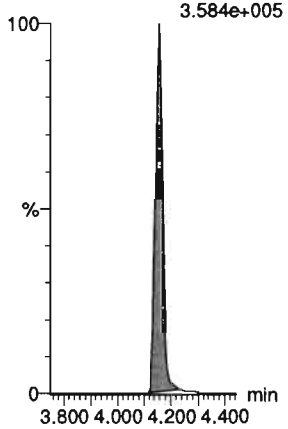
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.706e+005



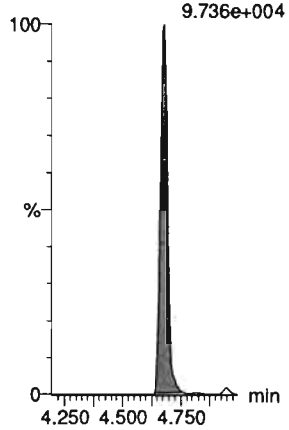
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
8.157e+004



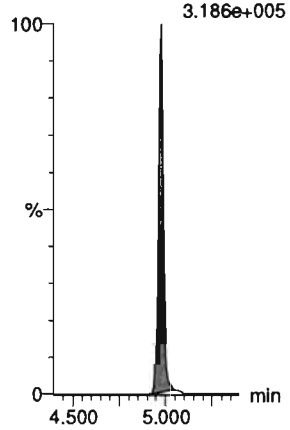
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.584e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
9.736e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.186e+005



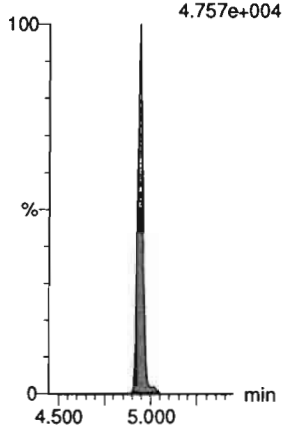
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

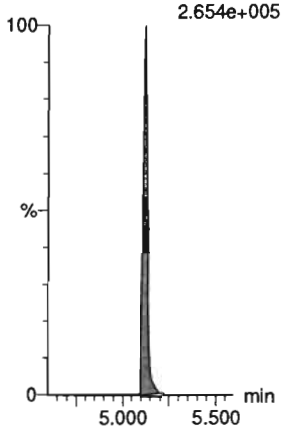
Last Altered: Wednesday, June 03, 2020 12:16:36 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:23:18 Pacific Daylight Time

Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

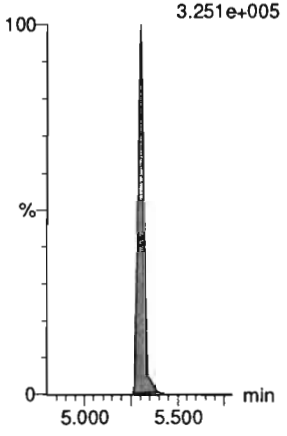
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.757e+004



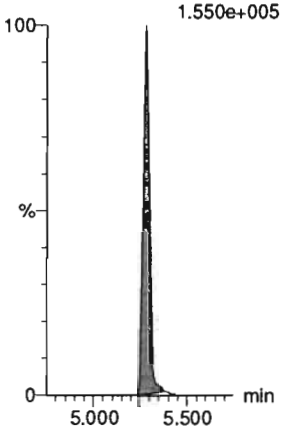
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.654e+005



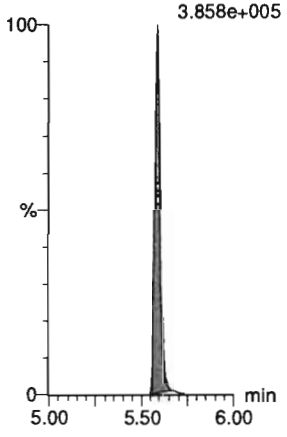
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.251e+005



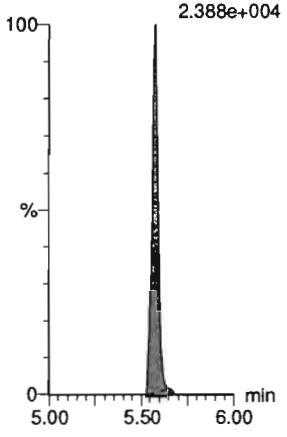
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.550e+005



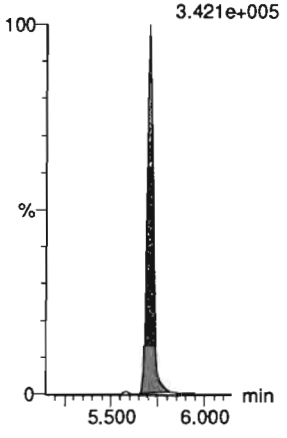
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.858e+005



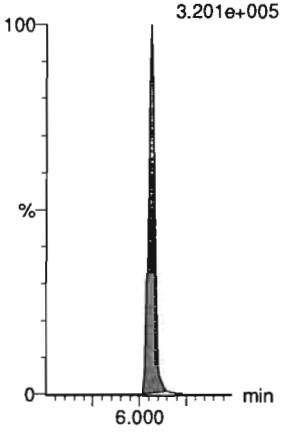
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.388e+004



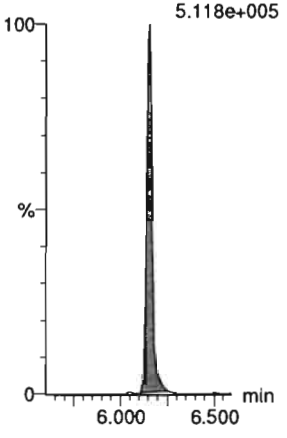
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.421e+005



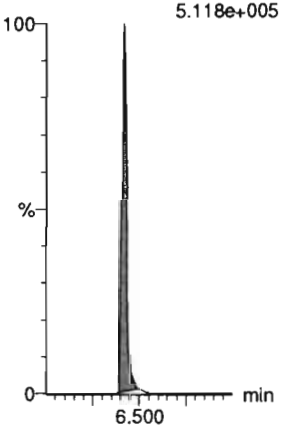
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.201e+005



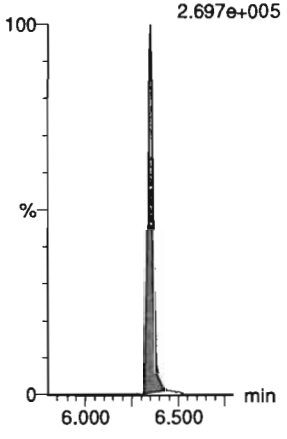
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.118e+005



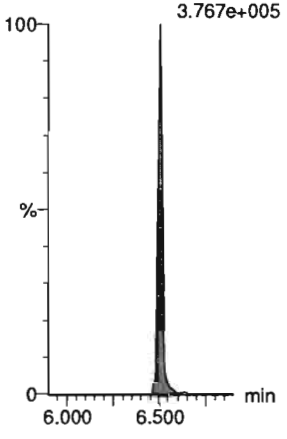
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.118e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.697e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.767e+005



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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-61.qld

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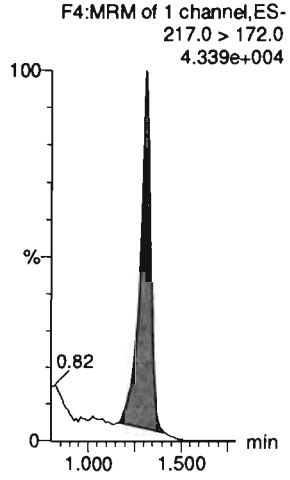
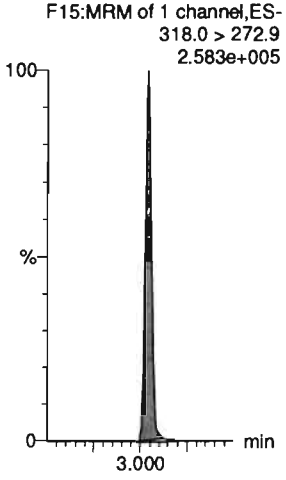
Name: 200602M2_61, Date: 03-Jun-2020, Time: 02:39:16, ID: ST200602M2-12 PFC CS3 20E2706, Description: PFC CS3 20E2706

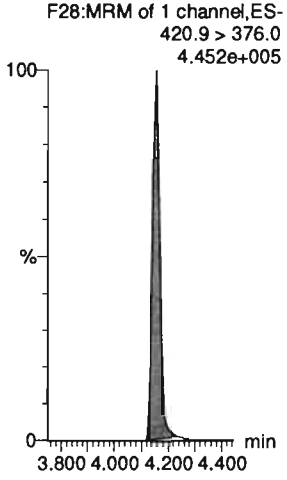
13C4-PFBA



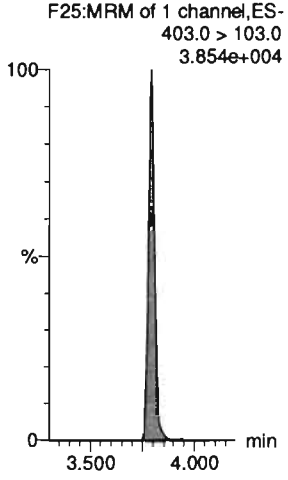
13C5-PFHxA



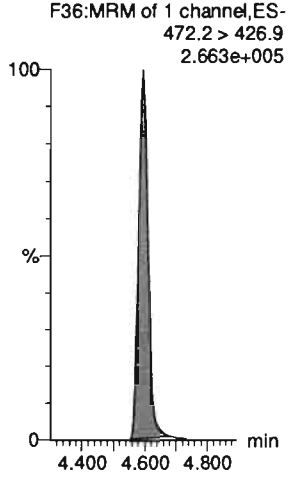
13C8-PFOA



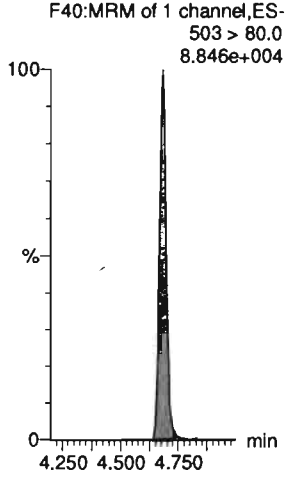
18O2-PFHxS



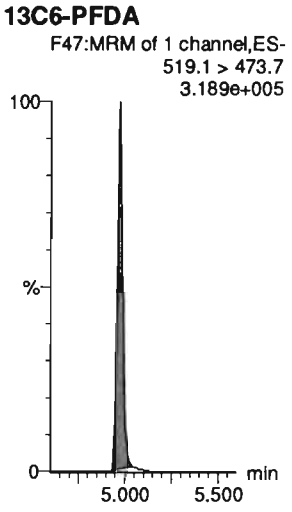
13C9-PFNA



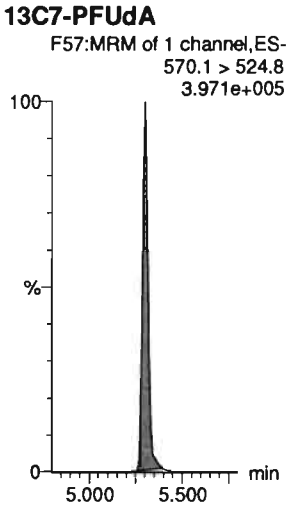
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

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JMM 6/3/2020

Ⓐ Above criteria

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2142.830	2149.149	1.00	1.31	12.463	10.000	9.57	95.7	NO		
2	2	PFPrS	248.9 > 79.9	1085.587	957.039	1.00	1.64	14.179	10.000	10.1	100.7	NO	2.288	NO
3	3	3:3 FTCA	241.1 > 177.0	276.822	4563.061	1.00	2.11	0.758	10.000	8.70	87.0	NO	2.070	NO
4	4	PFPeA	263.1 > 218.9	3698.531	4563.061	1.00	2.24	10.132	10.000	10.1	100.9	NO		
5	5	PFBS	299.0 > 79.7	1774.259	957.039	1.00	2.53	23.174	10.000	10.9	109.3	NO	2.888	NO
6	6	4:2 FTS	327.0 > 306.9	2329.836	1437.721	1.00	2.95	20.256	10.000	9.42	94.2	NO	1.624	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2149.149		1.00	1.31	2149.149	12.500	12.3	98.6	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	957.039		1.00	2.52	957.039	12.500	12.8	102.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	4563.061		1.00	2.24	4563.061	12.500	12.8	102.7	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	4563.061		1.00	2.24	4563.061	12.500	12.8	102.7	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	957.039		1.00	2.52	957.039	12.500	12.8	102.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	1437.721		1.00	2.95	1437.721	12.500	13.6	109.1	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	7154.083	7919.090	1.00	3.04	11.292	10.000	11.3	112.6	NO	16.533	NO
15	8	PFPeS	349.0 > 80.0	2265.554	957.039	1.00	3.25	29.591	10.000	13.2	132.1Ⓐ	YES	1.752	NO
16	9	HFPO-DA	285.1 > 168.9	759.314	914.923	1.00	3.26	10.374	10.000	10.8	108.2	NO	2.157	NO
17	10	5:3 FTCA	340.9 > 236.9	1771.115	5494.212	1.00	3.59	4.030	10.000	10.5	105.3	NO	1.435	NO
18	11	PFHpA	363.0 > 318.9	5960.490	5494.212	1.00	3.65	13.561	10.000	10.7	107.2	NO	14.752	NO
19	12	ADONA	376.8 > 250.9	18756.648	5494.212	1.00	3.76	42.674	10.000	10.5	105.3	NO	3.325	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	7919.090		1.00	3.04	7919.090	12.500	11.8	94.1	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	957.039		1.00	2.52	957.039	12.500	12.8	102.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	914.923		1.00	3.26	914.923	12.500	12.9	103.0	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5494.212		1.00	3.65	5494.212	12.500	13.1	105.0	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5494.212		1.00	3.65	5494.212	12.500	13.1	105.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5494.212		1.00	3.65	5494.212	12.500	13.1	105.0	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2042.329	2831.417	1.00	3.79	9.016	10.000	9.15	91.5	NO	1.473	NO
28	15	6:2 FTS	427.1 > 407.0	2589.595	1258.040	1.00	4.10	25.730	10.000	9.63	96.3	NO	1.799	NO
29	16	L-PFOA	412.8 > 368.9	11554.038	10564.019	1.00	4.15	13.671	10.000	9.64	96.4	NO	3.480	NO
30	18	PFecHS	460.8 > 381.0	3555.478	10564.019	1.00	4.17	4.207	10.000	10.1	100.7	NO	0.876	NO
31	19	PFHpS	448.9 > 80.0	1960.095	3171.928	1.00	4.27	7.724	10.000	9.68	96.8	NO	1.973	NO
32	20	7:3 FTCA	441.0 > 337.0	2862.139	9867.603	1.00	4.58	3.626	10.000	8.86	88.6	NO	1.442	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	2831.417		1.00	3.79	2831.417	12.500	15.3	122.1	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1258.040		1.00	4.10	1258.040	12.500	12.4	99.5	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	10564.019		1.00	4.15	10564.019	12.500	13.6	108.6	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	10564.019		1.00	4.15	10564.019	12.500	13.6	108.6	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

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Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	3171.928		1.00	4.68	3171.928	12.500	14.9	119.3	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	9867.603		1.00	4.60	9867.603	12.500	14.6	117.1	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	9204.580	9867.603	1.00	4.60	11.660	10.000	9.91	99.1	NO	4.315	NO
41	22	PFOSA	498.0 > 78.0	2263.512	2964.462	1.00	4.65	9.544	10.000	8.65	86.5	NO	28.280	NO
42	23	L-PFOS	499 > 80	2488.232	3171.928	1.00	4.68	9.806	10.000	11.6	116.1	NO	2.096	NO
43	25	9Cl-PF30NS	531 > 351.0	6738.544	3171.928	1.00	4.90	26.555	10.000	7.77	77.7	NO	16.910	NO
44	26	PFDA	513 > 468.8	11355.784	9495.546	1.00	4.97	14.949	10.000	11.5	115.0	NO	5.963	NO
45	27	8:2 FTS	526.9 > 507.0	2737.962	1178.207	1.00	4.94	29.048	10.000	12.2	122.2	NO	1.387	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	9867.603		1.00	4.60	9867.603	12.500	14.6	117.1	NO		
47	67	13C8-PFOSA-EIS	506. > 78	2964.462		1.00	4.65	2964.462	12.500	12.8	102.6	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	3171.928		1.00	4.68	3171.928	12.500	14.9	119.3	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	3171.928		1.00	4.68	3171.928	12.500	14.9	119.3	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	9495.546		1.00	4.97	9495.546	12.500	13.2	105.9	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1178.207		1.00	4.94	1178.207	12.500	10.9	87.3	NO		
52	-1													
53	28	PFNS	549.0 > 79.9	2195.369	3171.928	1.00	5.04	8.652	10.000	9.10	91.0	NO	1.274	NO
54	29	L-MeFOSAA	570 > 419	6265.078	6207.079	1.00	5.13	12.617	10.000	12.4	124.5	NO	2.768	NO
55	31	L-EtFOSAA	583.6 > 418.9	4154.110	7328.536	1.00	5.29	7.086	10.000	10.6	106.4	NO	1.267	NO
56	33	PFUdA	563.0 > 518.9	11738.740	15560.772	1.00	5.30	9.430	10.000	10.5	104.7	NO	13.193	NO
57	34	PFDS	599.0 > 80.0	2087.413	3171.928	1.00	5.35	8.226	10.000	10.9	109.5	NO	2.144	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	8435.158	13080.851	1.00	5.51	8.061	10.000	11.9	118.8	NO	28.316	NO
59	71	13C8-PFOS-EIS	507.0 > 80	3171.928		1.00	4.68	3171.928	12.500	14.9	119.3	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	6207.079		1.00	5.12	6207.079	12.500	10.4	83.3	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	7328.536		1.00	5.28	7328.536	12.500	15.4	123.2	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	15560.772		1.00	5.30	15560.772	12.500	14.7	117.7	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	3171.928		1.00	4.68	3171.928	12.500	14.9	119.3	NO		
64	83	13C2-PFDoA-EIS	615 > 570	13080.851		1.00	5.59	13080.851	12.500	12.4	99.2	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	2226.229	973.685	1.00	5.57	28.580	10.000	9.13	91.3	NO	1.570	NO
67	37	PFDoA	612.9 > 569.0	10755.398	13080.851	1.00	5.59	10.278	10.000	9.80	98.0	NO	7.470	NO
68	38	N-MeFOSA	512.1 > 168.9	4909.663	13248.063	1.00	5.67	55.293	50.000	54.2	108.4	NO	1.410	NO
69	39	PFTrDA	662.9 > 618.9	12830.324	13080.851	1.00	5.84	12.261	10.000	12.1	121.3	NO	8.937	NO
70	40	PFDoS	698.9 > 80	2950.213	11087.263	1.00	5.86	3.326	10.000	10.1	100.5	NO	1.759	NO
71	41	PFTeDA	713.0 > 669.0	10631.942	11087.263	1.00	6.06	11.987	10.000	8.57	85.7	NO	13.050	NO
72	85	13C2-10:2 FTS-EIS	633 > 79.9	973.685		1.00	5.57	973.685	12.500	10.5	84.2	NO		

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Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	615 > 570	13080.851		1.00	5.59	13080.851	12.500	12.4	99.2	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	13248.063		1.00	5.71	13248.063	149.200	156	104.7	NO		
75	83 13C2-PFDoA-EIS	615 > 570	13080.851		1.00	5.59	13080.851	12.500	12.4	99.2	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	11087.263		1.00	6.06	11087.263	12.500	12.5	100.1	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	11087.263		1.00	6.06	11087.263	12.500	12.5	100.1	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	5888.562	19580.955	1.00	6.13	44.869	50.000	53.6	107.2	NO	1.495	NO
80	43 PFHxDA	813.1 > 768.6	8658.375	16547.955	1.00	6.41	6.540	10.000	10.6	106.4	NO	28.166	NO
81	44 PFODA	913.1 > 868.8	11594.721	16547.955	1.00	6.65	8.758	10.000	10.4	104.2	NO		
82	45 N-MeFOSE	616.1 > 58.9	3575.114	9712.194	1.00	6.35	54.921	50.000	50.4	100.8	NO		
83	46 N-EtFOSE	630.1 > 58.9	4724.408	11773.103	1.00	6.51	59.872	50.000	51.0	102.0	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	2149.149	2899.967	1.00	1.31	9.264	12.500	12.5	100.2	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	19580.955		1.00	6.15	19580.955	149.200	154	103.0	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	16547.955		1.00	6.41	16547.955	12.500	14.0	111.6	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	16547.955		1.00	6.41	16547.955	12.500	14.0	111.6	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	9712.194		1.00	6.34	9712.194	149.200	145	97.3	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	11773.103		1.00	6.50	11773.103	149.200	161	107.8	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	4563.061	7991.357	1.00	2.24	7.137	12.500	13.9	111.0	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	955.721	1268.896	1.00	2.52	9.415	12.500	11.9	95.5	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	914.923	7991.357	1.00	3.26	1.431	12.500	13.2	105.7	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	1437.721	1268.896	1.00	2.95	14.163	12.500	13.3	106.3	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	7919.090	7991.357	1.00	3.04	12.387	12.500	12.5	100.3	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	5494.212	7991.357	1.00	3.65	8.594	12.500	13.9	110.8	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	2829.673	1268.896	1.00	3.79	27.875	12.500	14.3	114.3	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	1258.040	3182.406	1.00	4.10	4.941	12.500	11.2	89.5	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	9864.857	10477.146	1.00	4.60	11.769	12.500	12.8	102.7	NO		
100	68 13C8-PFOSA-RSD	506. > 78	2964.462	15474.343	1.00	4.65	2.395	12.500	11.1	88.5	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	10564.019	14044.717	1.00	4.15	9.402	12.500	11.9	95.0	NO		
102	72 13C8-PFOS-RSD	507.0 > 80	3171.452	3182.406	1.00	4.68	12.457	12.500	12.4	99.1	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	9496.238	10580.305	1.00	4.97	11.219	12.500	12.4	99.4	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	528.9 > 79.9	1175.145	3182.406	1.00	4.94	4.616	12.500	9.54	76.3	NO		
106	78 d3-N-MeFOSAA-RSD	573. > 419	6207.079	15474.343	1.00	5.12	5.014	12.500	9.16	73.3	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	15560.772	15474.343	1.00	5.30	12.570	12.500	12.2	97.4	NO		
108	82 d5-N-EtFOSAA-RSD	589. > 419	7328.536	15474.343	1.00	5.28	5.920	12.500	11.9	95.4	NO		

FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84 13C2-PFDoA-RSD	615 > 570	13080.851	10580.305	1.00	5.59	15.454	12.500	11.2	89.5	NO		
110	86 13C2-10:2 FTS-RSD	633 > 79.9	973.685	3182.406	1.00	5.57	3.824	12.500	10.5	84.4	NO		
111	88 d3-N-MeFOSA-RSD	515.2 > 168.9	13248.063	15474.343	1.00	5.71	10.702	149.200	125	83.8	NO		
112	90 13C2-PFTeDA-RSD	715.1 > 669.7	11087.263	15474.343	1.00	6.06	8.956	12.500	10.7	85.8	NO		
113	92 d5-N-ETFOSA-RSD	531.1 > 168.9	19580.955	15474.343	1.00	6.15	15.817	149.200	127	85.0	NO		
114	94 13C2-PFHxDA-RSD	815 > 769.7	16547.955	15474.343	1.00	6.41	13.367	12.500	9.84	78.7	NO		
115	96 d7-N-MeFOSE-RSD	623.1 > 58.9	9736.301	15474.343	1.00	6.34	7.865	149.200	124	83.0	NO		
116	98 d9-N-EtFOSE-RSD	639.2 > 58.8	11773.103	15474.343	1.00	6.50	9.510	149.200	134	89.9	NO		
117	-1												
118	99 13C4-PFBA	217.0 > 172.0	2899.967	2899.967	1.00	1.30	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	7991.357	7991.357	1.00	3.04	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	14044.717	14044.717	1.00	4.15	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	1268.896	1268.896	1.00	3.79	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	10477.146	10477.146	1.00	4.60	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	3182.406	3182.406	1.00	4.68	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	10580.305	10580.305	1.00	4.97	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	15474.343	15474.343	1.00	5.30	12.500	12.500	12.5	100.0	NO		

FBR 6/3/2020

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Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 13:14:52 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200602M2_1	IPA	02-Jun-20	16:16:37
2	2 200602M2_2	IPA	02-Jun-20	16:27:02
3	3 200602M2_3	ST200602M2-1 PFC CS-2 20E2701	02-Jun-20	16:37:27
4	4 200602M2_4	ST200602M2-2 PFC CS-1 20E2702	02-Jun-20	16:47:52
5	5 200602M2_5	ST200602M2-3 PFC CS0 20F0201	02-Jun-20	16:58:16
6	6 200602M2_6	ST200602M2-4 PFC CS1 20E2704	02-Jun-20	17:08:41
7	7 200602M2_7	ST200602M2-5 PFC CS2 20E2705	02-Jun-20	17:19:05
8	8 200602M2_8	ST200602M2-6 PFC CS3 20E2706	02-Jun-20	17:29:31
9	9 200602M2_9	ST200602M2-7 PFC CS4 20E2707	02-Jun-20	17:39:53
10	10 200602M2_10	ST200602M2-8 PFC CS5 20E2708	02-Jun-20	17:50:15
11	11 200602M2_11	ST200602M2-9 PFC CS6 20E2709	02-Jun-20	18:00:37
12	12 200602M2_12	ST200602M2-10 PFC CS7 20E2710	02-Jun-20	18:11:00
13	13 200602M2_13	IB	02-Jun-20	18:21:25
14	14 200602M2_14	ICV200602M2-1 PFC ICV 20E2711	02-Jun-20	18:31:47
15	15 200602M2_15	IB	02-Jun-20	18:42:09
16	16 200602M2_16	B0E0261-BLK1@5X Method Blank 0.001	02-Jun-20	18:52:31
17	17 200602M2_17	B0E0261-BS1@5X OPR 0.001	02-Jun-20	19:02:53
18	18 200602M2_18	2001079-02RE1@5X Virexll 256 0.00102	02-Jun-20	19:13:18
19	19 200602M2_19	B0E0261-BLK1@20X Method Blank 0.001	02-Jun-20	19:23:43
20	20 200602M2_20	B0E0261-BS1@20X OPR 0.001	02-Jun-20	19:34:05
21	21 200602M2_21	2001079-02RE1@20X Virexll 256 0.00102	02-Jun-20	19:44:27
22	22 200602M2_22	B0E0258-BLK1 Method Blank 0.25	02-Jun-20	19:54:50
23	23 200602M2_23	B0E0258-BS1 OPR 0.25	02-Jun-20	20:05:12
24	24 200602M2_24	B0E0258-BSD1 LCSD 0.25	02-Jun-20	20:15:34
25	25 200602M2_25	2001167-01 PFC-AF-01-03-052720 0.24695	02-Jun-20	20:25:56
26	26 200602M2_26	B0E0234-BLK1 Method Blank 0.125	02-Jun-20	20:36:19
27	27 200602M2_27	B0E0234-BS1 OPR 0.125	02-Jun-20	20:46:41
28	28 200602M2_28	B0E0234-BSD1 LCSD 0.125	02-Jun-20	20:57:03
29	29 200602M2_29	2001068-05RE1 L-Combined 0.11572	02-Jun-20	21:07:25
30	30 200602M2_30	2001068-06RE1 L-PHI 0.11938	02-Jun-20	21:17:47
31	31 200602M2_31	2001068-07RE1 L-PHIIE 0.11694	02-Jun-20	21:28:10
32	32 200602M2_32	2001068-08RE1 L-PHIIW 0.11793	02-Jun-20	21:38:32

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 13:14:52 Pacific Daylight Time
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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200602M2_33	B0E0224-BLK1 Method Blank 0.25	02-Jun-20	21:48:54
34	34 200602M2_34	B0E0224-BS1 OPR 0.25	02-Jun-20	21:59:17
35	35 200602M2_35	B0E0224-BSD1 LCSD 0.25	02-Jun-20	22:09:38
36	36 200602M2_36	2001129-04 A4-MW3D-INT1-EB 0.24113	02-Jun-20	22:20:01
37	37 200602M2_37	B0E0225-BLK1 Method Blank 0.25	02-Jun-20	22:30:23
38	38 200602M2_38	B0E0225-BS1 OPR 0.25	02-Jun-20	22:40:45
39	39 200602M2_39	B0E0225-MS1 Matrix Spike 0.24985	02-Jun-20	22:51:07
40	40 200602M2_40	B0E0225-MSD1 Matrix Spike Dup 0.25054	02-Jun-20	23:01:29
41	41 200602M2_41	2001123-01 MW-2(051920) 0.25456	02-Jun-20	23:11:52
42	42 200602M2_42	2001123-02 MW-15(051920) 0.24152	02-Jun-20	23:22:14
43	43 200602M2_43	IB	02-Jun-20	23:32:36
44	44 200602M2_44	ST200602M2-11 PFC CS3 20E2706	02-Jun-20	23:42:58
45	45 200602M2_45	IB	02-Jun-20	23:53:21
46	46 200602M2_46	2001123-03 MW-3(051920) 0.25492	03-Jun-20	00:03:43
47	47 200602M2_47	2001123-04 MW-6(051920) 0.25539	03-Jun-20	00:14:05
48	48 200602M2_48	2001123-05 FB(051920) 0.24576	03-Jun-20	00:24:27
49	49 200602M2_49	2001123-06 DUP(051920) 0.2487	03-Jun-20	00:34:49
50	50 200602M2_50	2001123-07 EB(052020) 0.25388	03-Jun-20	00:45:12
51	51 200602M2_51	2001123-08 MW-8(052020) 0.24436	03-Jun-20	00:55:34
52	52 200602M2_52	2001123-09 MW-12(052020) 0.25919	03-Jun-20	01:05:56
53	53 200602M2_53	2001123-10 MW-9(052020) 0.25813	03-Jun-20	01:16:18
54	54 200602M2_54	2001123-11 MW-7(052020) 0.25348	03-Jun-20	01:26:41
55	55 200602M2_55	2001123-12 GW-GW4(052020) 0.2528	03-Jun-20	01:37:03
56	56 200602M2_56	2001123-13 MW-4(052020) 0.24316	03-Jun-20	01:47:25
57	57 200602M2_57	2001123-14 GW-GW1(052020) 0.25632	03-Jun-20	01:57:47
58	58 200602M2_58	2001123-15 FB(052020) 0.24797	03-Jun-20	02:08:10
59	59 200602M2_59	2001123-16 TRIP BLANK 0.25479	03-Jun-20	02:18:31
60	60 200602M2_60	IB	03-Jun-20	02:28:54
61	61 200602M2_61	ST200602M2-12 PFC CS3 20E2706	03-Jun-20	02:39:16
62	62 200602M2_62	IB	03-Jun-20	02:49:40
63	63 200602M2_63	B0E0170-BLK1 Method Blank 0.125	03-Jun-20	03:00:05
64	64 200602M2_64	B0E0170-BS1 OPR 0.125	03-Jun-20	03:10:31
65	65 200602M2_65	B0E0170-MS1 Matrix Spike 0.11362	03-Jun-20	03:20:53
66	66 200602M2_66	B0E0170-MSD1 Matrix Spike Dup 0.11097	03-Jun-20	03:31:18
67	67 200602M2_67	2001090-01 GW-MW-5S 0.10966	03-Jun-20	03:41:44
68	68 200602M2_68	2001090-02 GW-MW-5D 0.11246	03-Jun-20	03:52:08

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Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 13:14:52 Pacific Daylight Time
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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200602M2_69	2001090-03 GW-AE-1A 0.11711	03-Jun-20	04:02:30
70	70 200602M2_70	2001090-04 GW-AE-1B 0.11012	03-Jun-20	04:12:53
71	71 200602M2_71	2001090-05 GW-MW-20D1 0.11459	03-Jun-20	04:23:15
72	72 200602M2_72	2001090-06 GW-MW-20D1-DUP 0.11445	03-Jun-20	04:33:37
73	73 200602M2_73	2001090-07 GW-MW-20D2 0.11536	03-Jun-20	04:44:00
74	74 200602M2_74	2001090-08 GW-MW-20S 0.11302	03-Jun-20	04:54:22
75	75 200602M2_75	2001090-09 GW-OP-5 0.11343	03-Jun-20	05:04:44
76	76 200602M2_76	2001090-10 GW-BP-4 0.11452	03-Jun-20	05:15:06
77	77 200602M2_77	IB	03-Jun-20	05:25:28
78	78 200602M2_78	ST200602M2-13 PFC CS3 20E2706	03-Jun-20	05:35:54
79	79 200602M2_79	IB	03-Jun-20	05:46:19
80	80 200602M2_80	2001090-11 GW-MW-11 0.11069	03-Jun-20	05:56:41
81	81 200602M2_81	B0E0169-BLK1 Method Blank 0.125	03-Jun-20	06:07:06
82	82 200602M2_82	B0E0169-BS1 OPR 0.125	03-Jun-20	06:17:31
83	83 200602M2_83	B0E0169-MS1 Matrix Spike 0.11624	03-Jun-20	06:27:53
84	84 200602M2_84	B0E0169-MSD1 Matrix Spike Dup 0.11276	03-Jun-20	06:38:15
85	85 200602M2_85	2001087-01 SW-SW-LR 0.11323	03-Jun-20	06:48:38
86	86 200602M2_86	2001087-03 SW-SW-111 0.11032	03-Jun-20	06:59:00
87	87 200602M2_87	2001087-05 S-EB-Sediment 0.1135	03-Jun-20	07:09:22
88	88 200602M2_88	2001087-06 DW-R-4ROD 0.11948	03-Jun-20	07:19:44
89	89 200602M2_89	2001087-07 DW-EB-APPARATUS 0.11627	03-Jun-20	07:30:07
90	90 200602M2_90	2001087-08 DW-R-10SMW 0.11336	03-Jun-20	07:40:29
91	91 200602M2_91	2001087-09 DW-R-15BFL 0.11534	03-Jun-20	07:50:51
92	92 200602M2_92	2001087-10 DW-R-5BFL 0.11327	03-Jun-20	08:01:13
93	93 200602M2_93	2001087-11 DW-R-14PWC 0.11435	03-Jun-20	08:11:36
94	94 200602M2_94	2001087-12 DW-R-3 0.11563	03-Jun-20	08:21:58
95	95 200602M2_95	IB	03-Jun-20	08:32:20
96	96 200602M2_96	ST200602M2-14 PFC CS3 20E2706	03-Jun-20	08:42:42
97	97 200602M2_97	IB	03-Jun-20	08:53:04
98	98 200602M2_98	2001087-13 DW-R-3-DUP 0.11443	03-Jun-20	09:03:27
99	99 200602M2_99	B0E0198-BLK1 Method Blank 0.25	03-Jun-20	09:13:49
100	100 200602M2_100	B0E0198-BS1 OPR 0.25	03-Jun-20	09:24:11
101	101 200602M2_101	2001109-02 Blank 0.25372	03-Jun-20	09:34:33
102	102 200602M2_102	2001117-01 FRB 0.25476	03-Jun-20	09:44:55
103	103 200602M2_103	2001117-03 S. RAW 0.24802	03-Jun-20	09:55:18
104	104 200602M2_104	B0E0244-BLK1 Method Blank 0.125	03-Jun-20	10:05:40

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 13:14:52 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 13:14:59 Pacific Daylight Time

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
105	105 200602M2_105	B0E0244-BS1 OPR 0.125	03-Jun-20	10:16:02
106	106 200602M2_106	2001100-01 MW 101D 0.11362	03-Jun-20	10:26:24
107	107 200602M2_107	2001100-02 MW-02E 0.11238	03-Jun-20	10:36:47
108	108 200602M2_108	IB	03-Jun-20	10:47:09
109	109 200602M2_109	ST200602M2-15 PFC CS3 20E2706	03-Jun-20	10:57:31
110	110 200602M2_110	IB	03-Jun-20	11:07:53

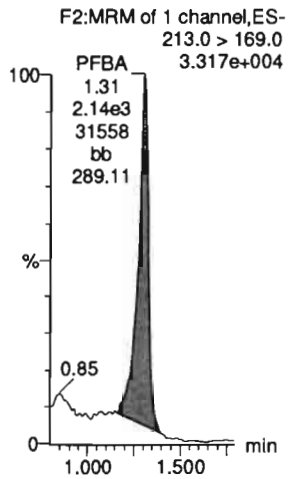
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

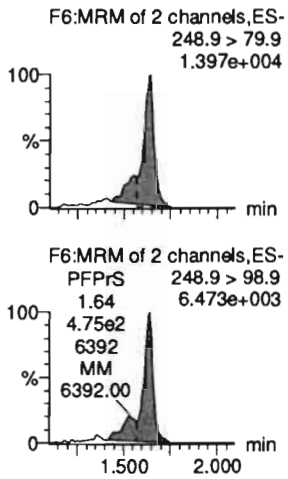
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

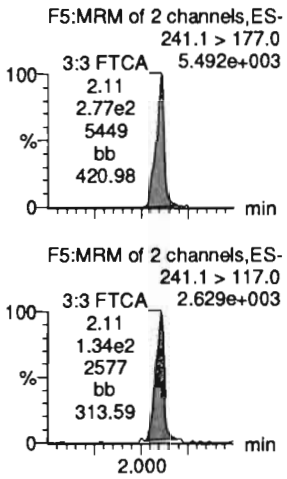
PFBA



PFPrS



3:3 FTCA



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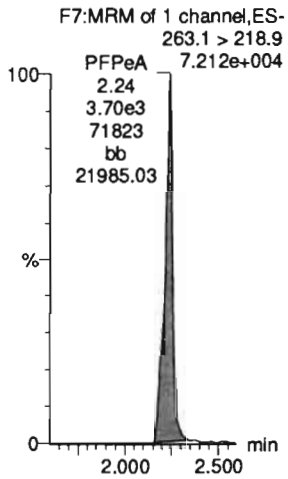

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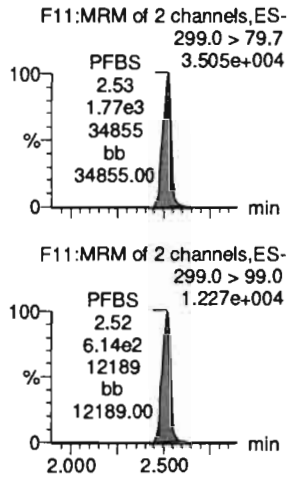
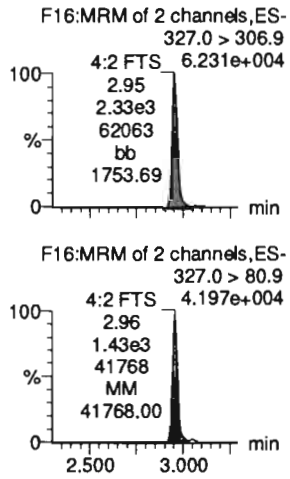
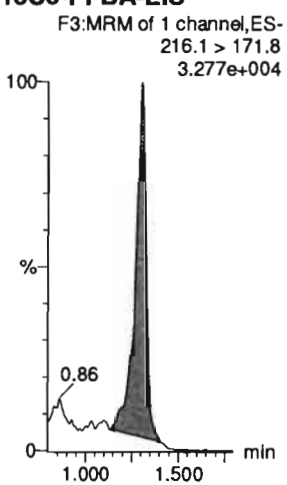


4:2 FTS



13C3-PFBA-EIS



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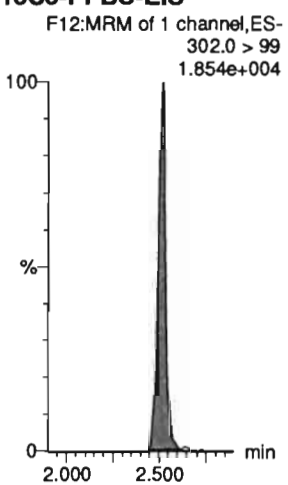

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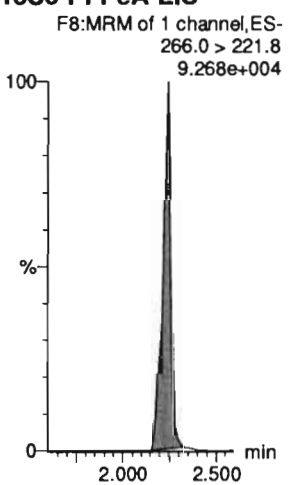
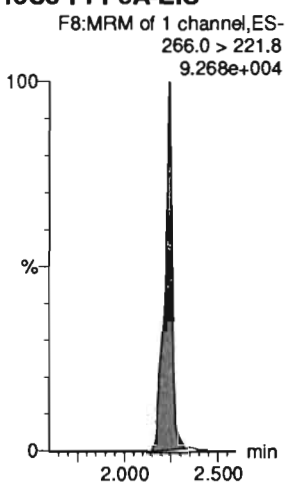


13C3-PFPeA-EIS



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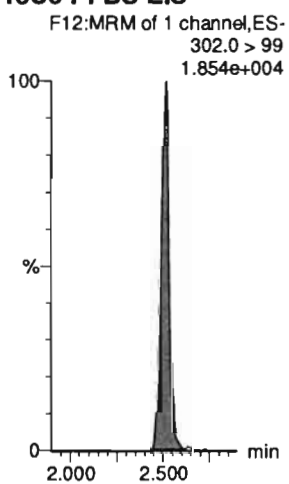
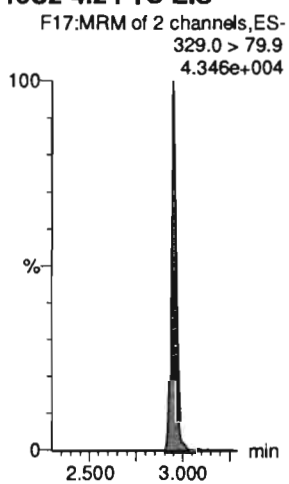


13C2-4:2 FTS-EIS



FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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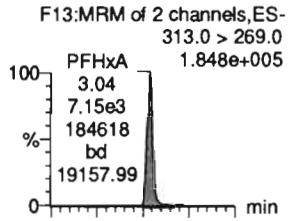

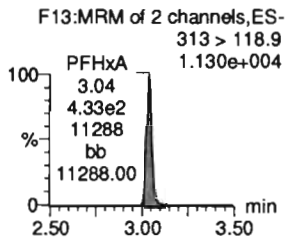

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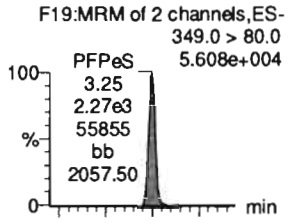

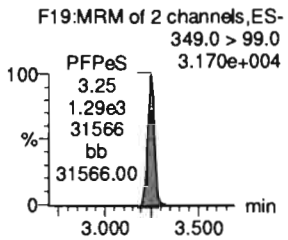

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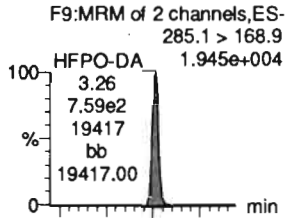

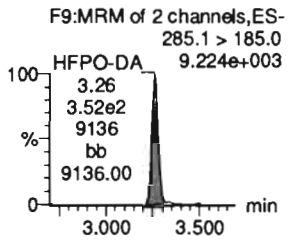

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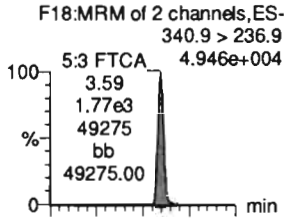

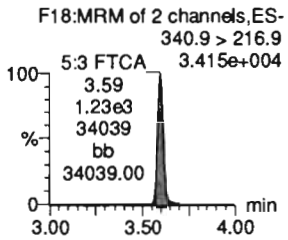

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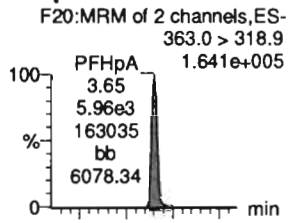

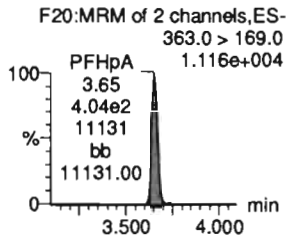

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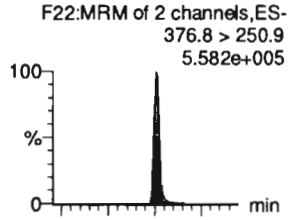
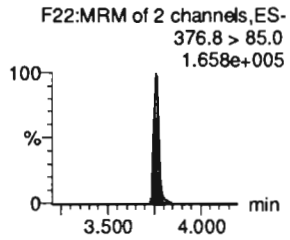
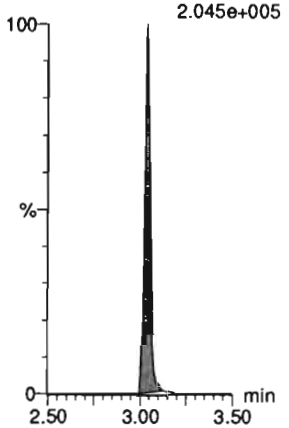
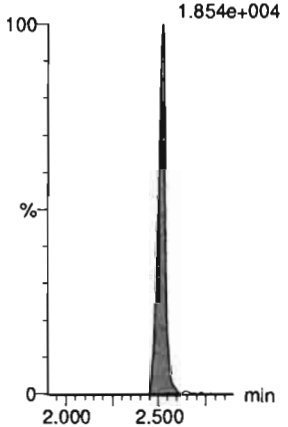




13C2-PFHxA-EIS



13C3-PFBS-EIS



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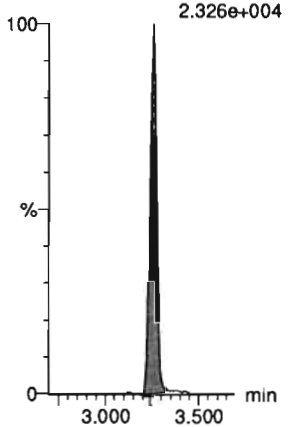

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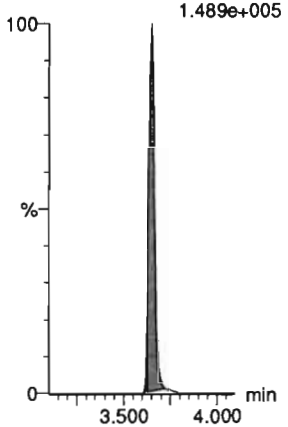

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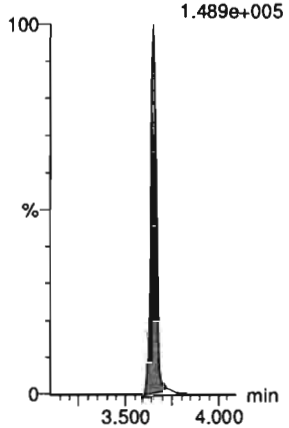

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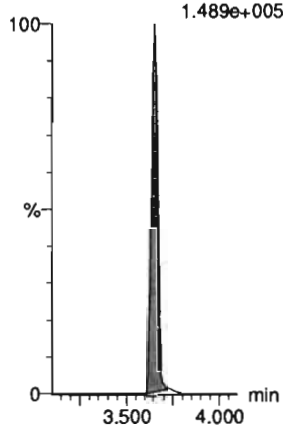

FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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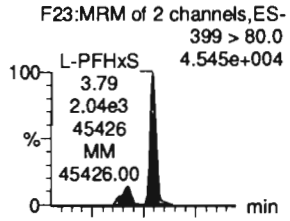
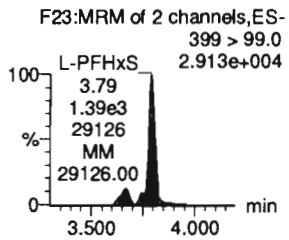
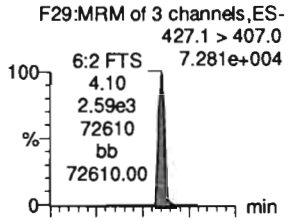
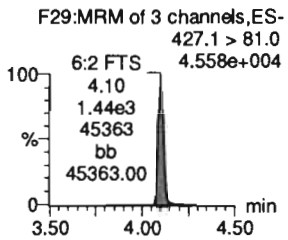




6:2 FTS





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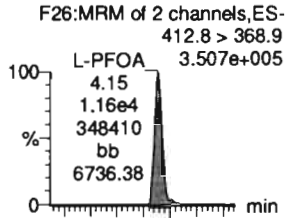

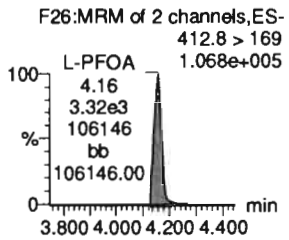

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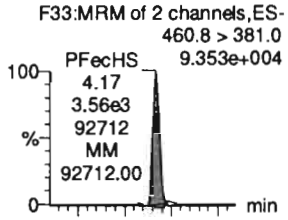

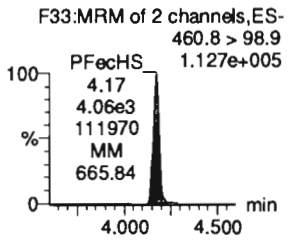

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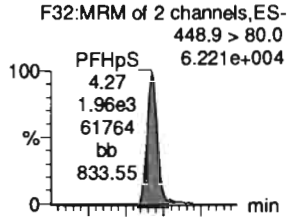
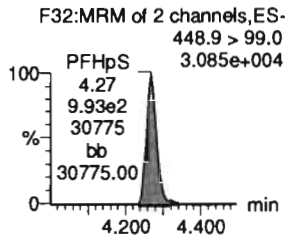
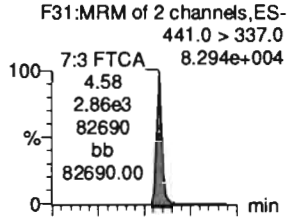
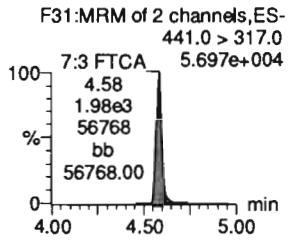


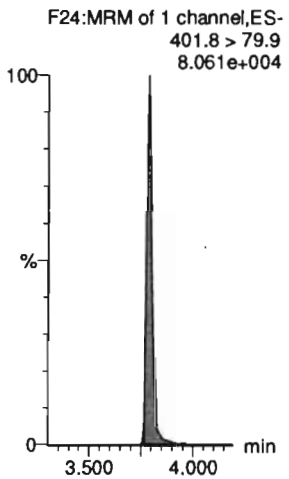


7:3 FTCA

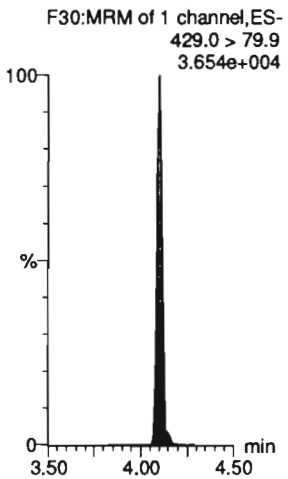




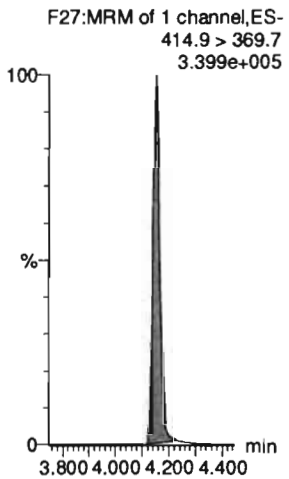
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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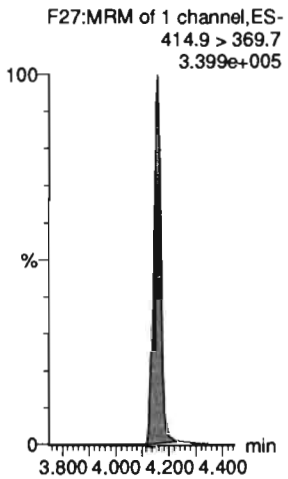

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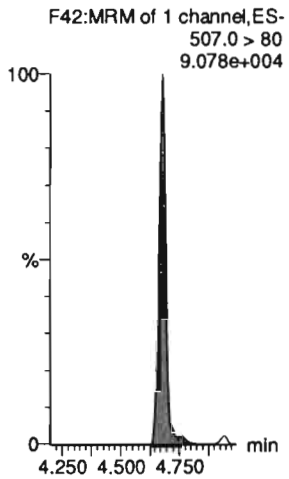

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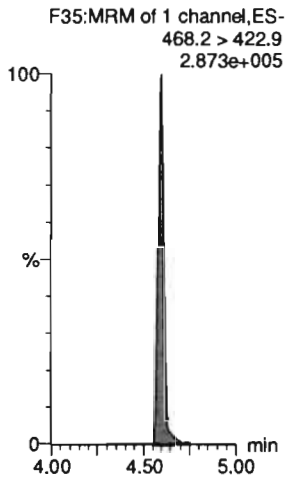

FBR 6/3/2020

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Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
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Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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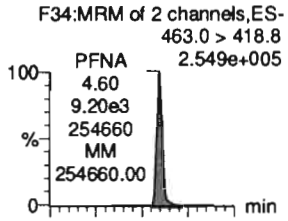

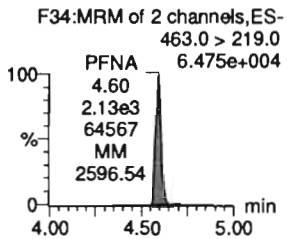

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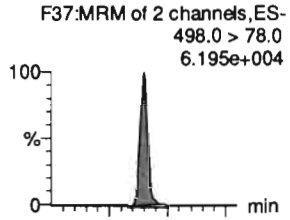
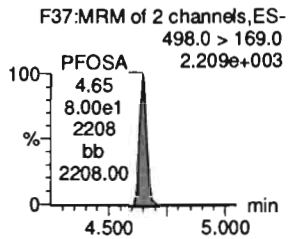
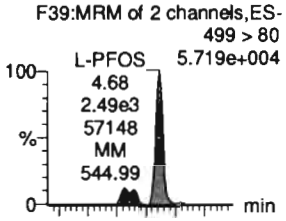
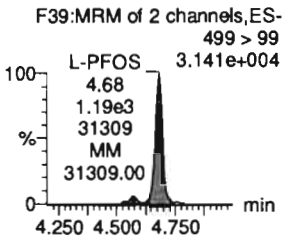


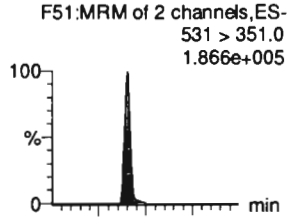


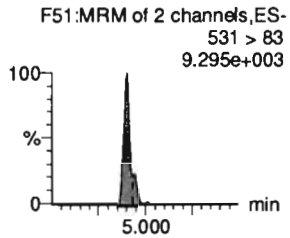
L-PFOS





9Cl-PF30NS





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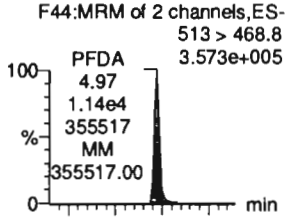
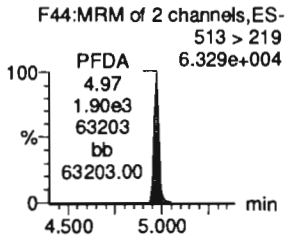
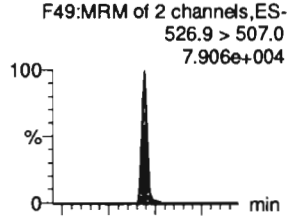
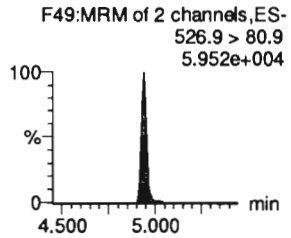




8:2 FTS





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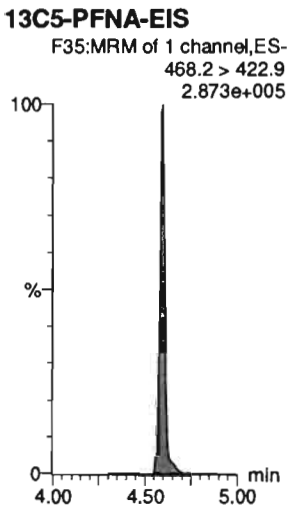

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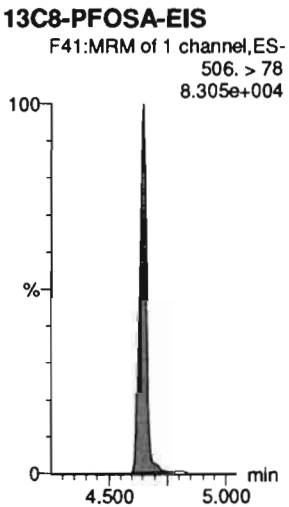
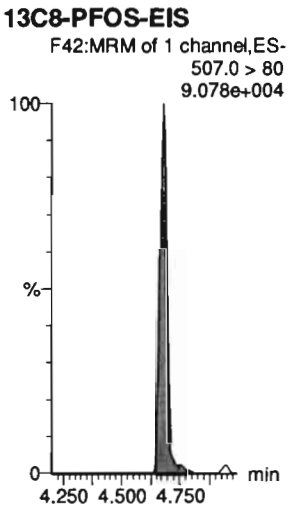


13C8-PFOS-EIS



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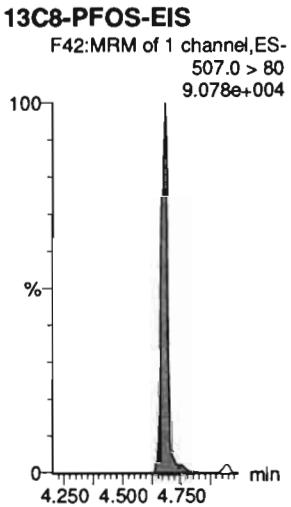

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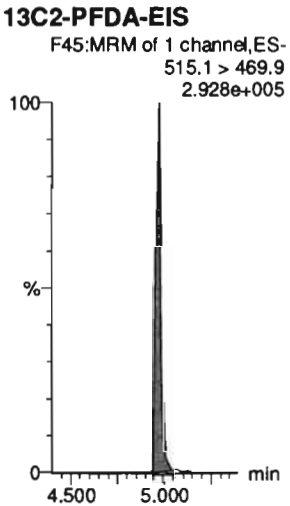
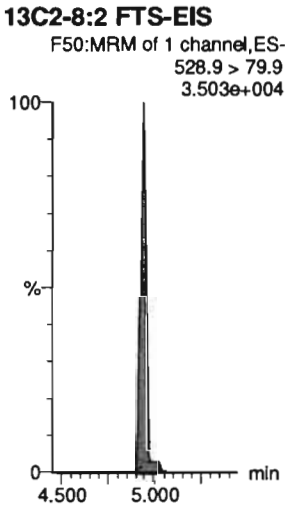


13C2-8:2 FTS-EIS



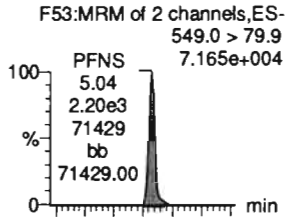
FBR 6/3/2020

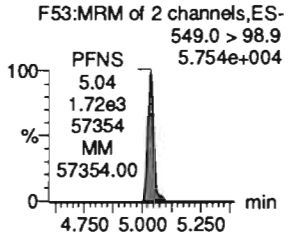
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNS





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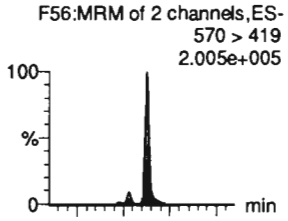

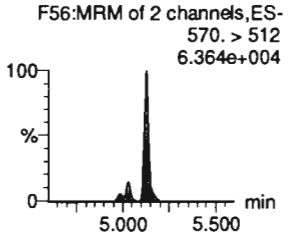

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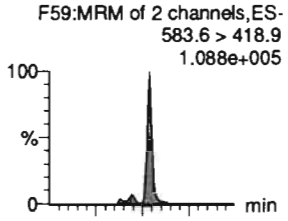

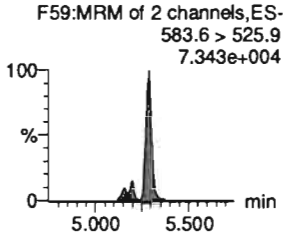

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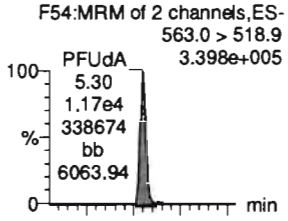

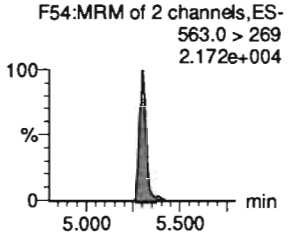

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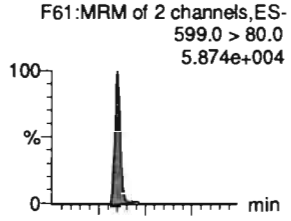

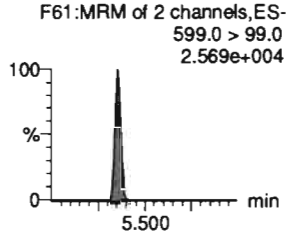

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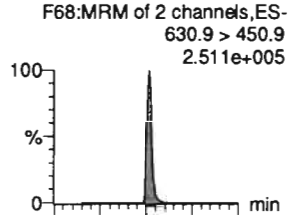

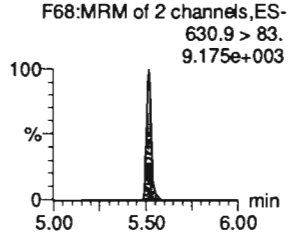

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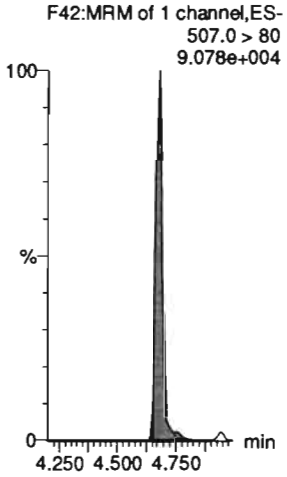

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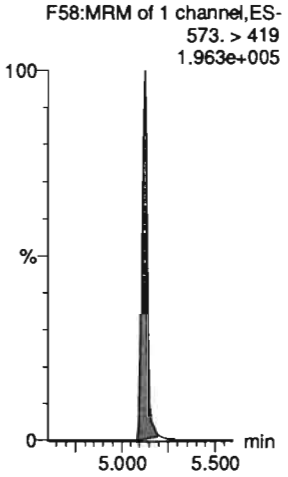

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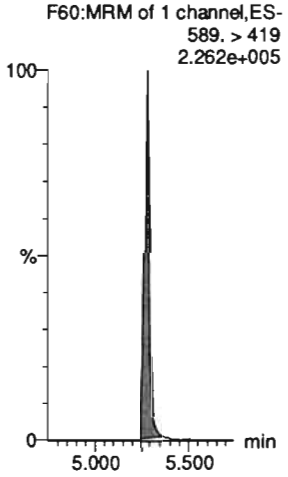
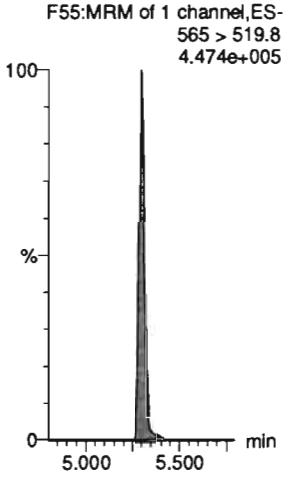
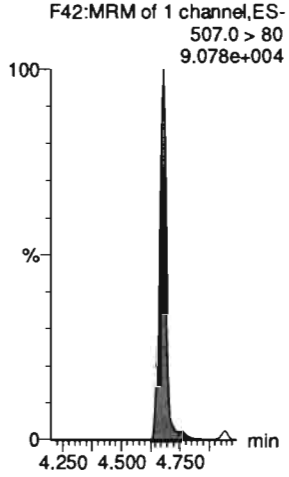


13C2-PFUdA-EIS



13C8-PFOS-EIS



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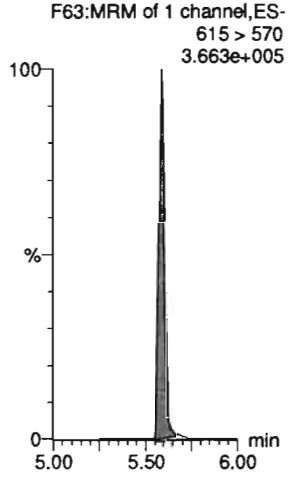


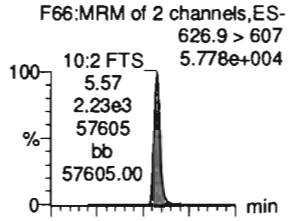
FBR 6/3/2020

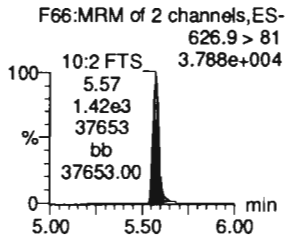
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

10:2 FTS





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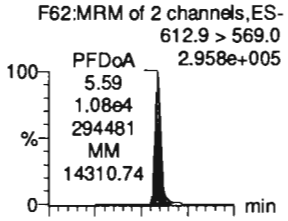

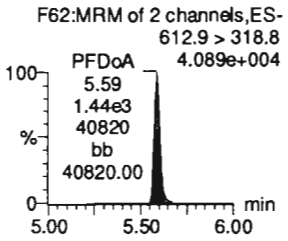

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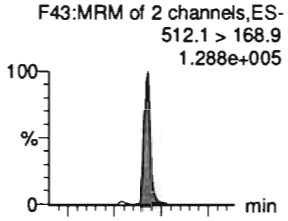

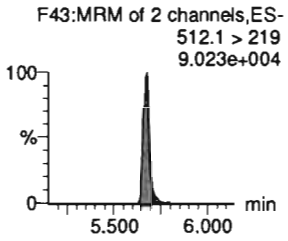

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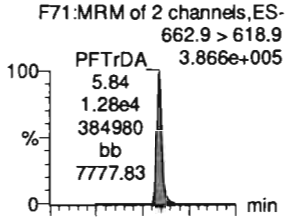

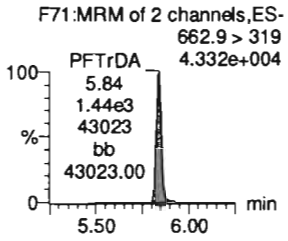

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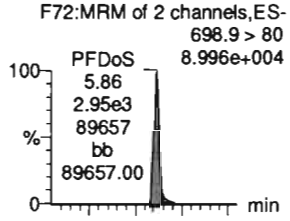

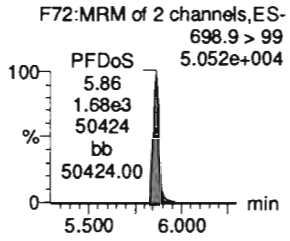

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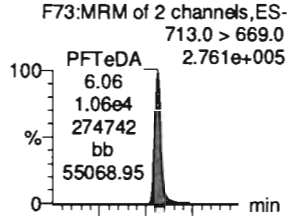

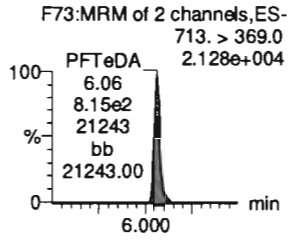

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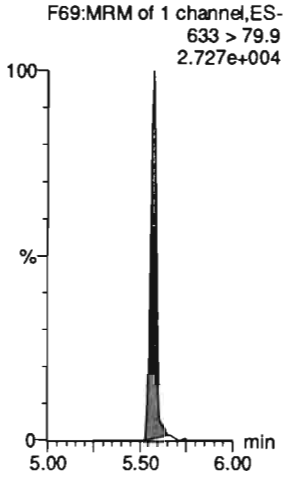
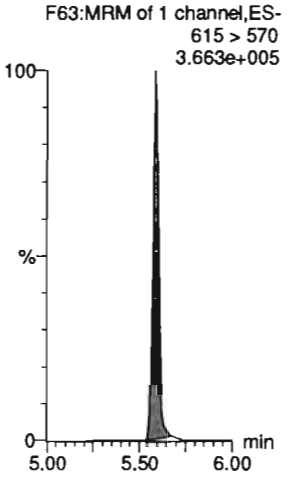
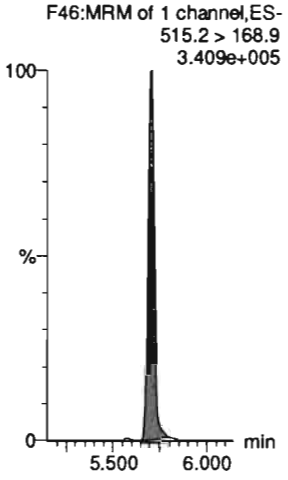


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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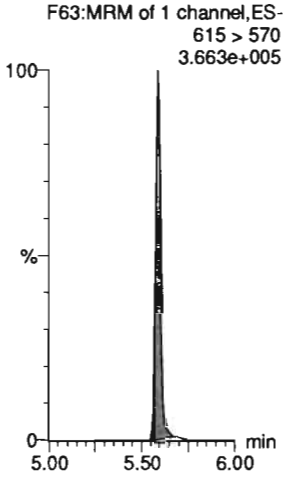

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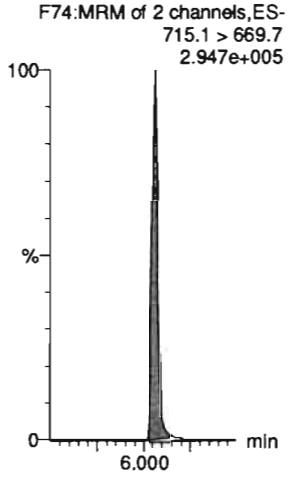

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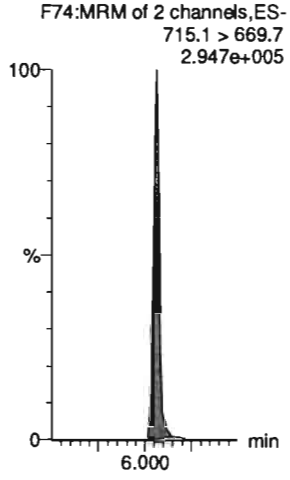

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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
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Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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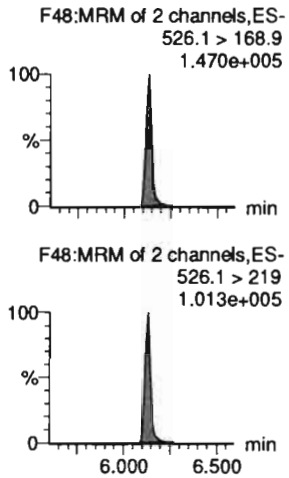

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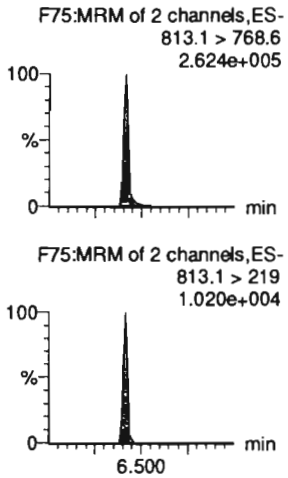

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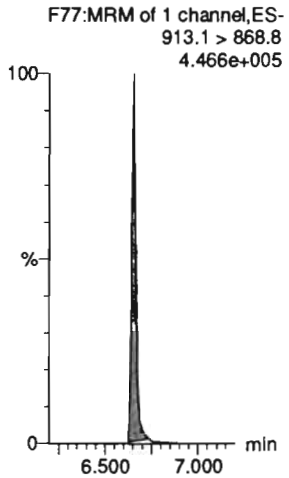
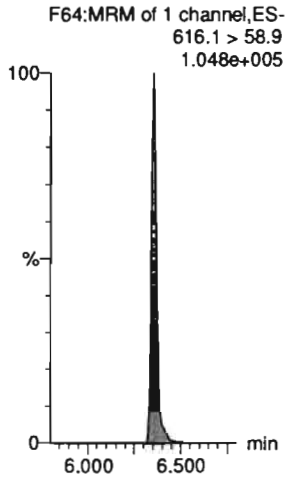


N-MeFOSE



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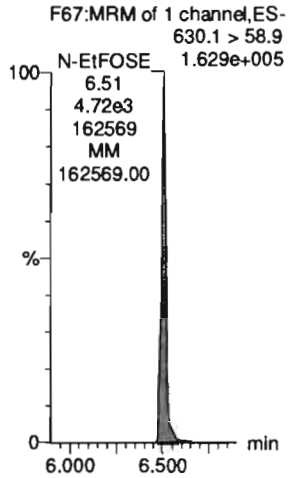

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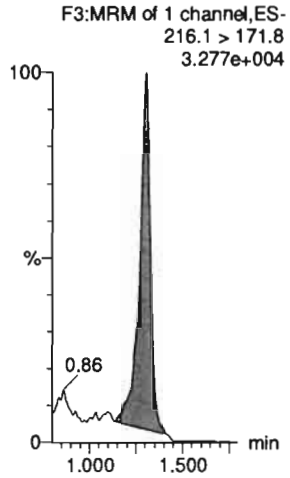
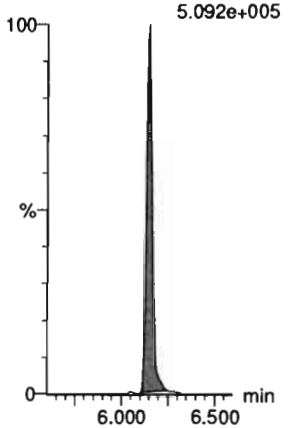
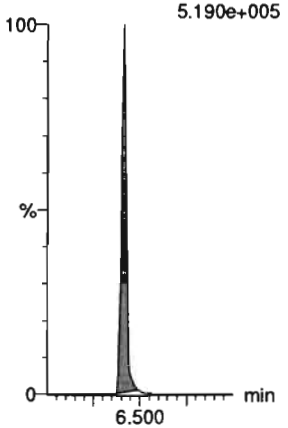


d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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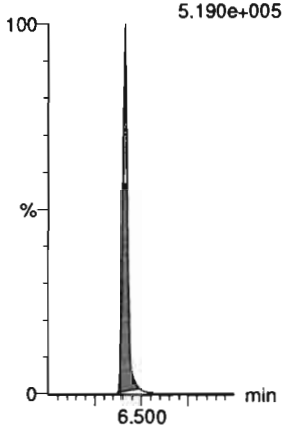

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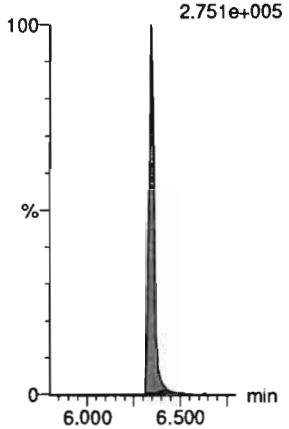

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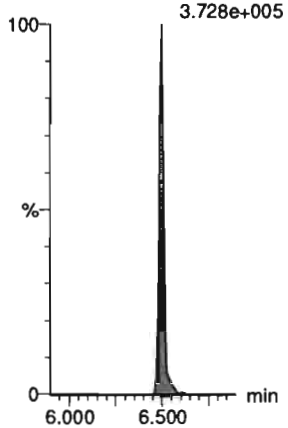

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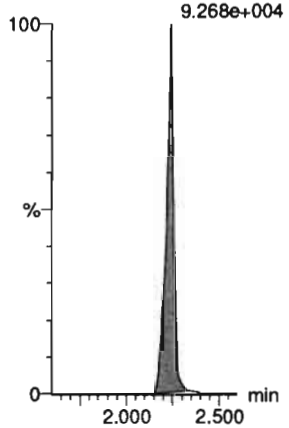

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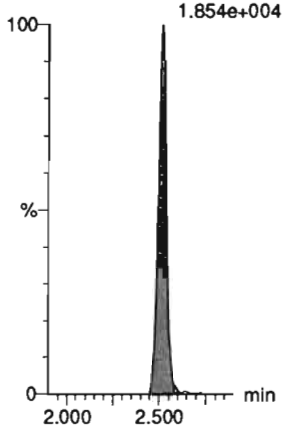
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

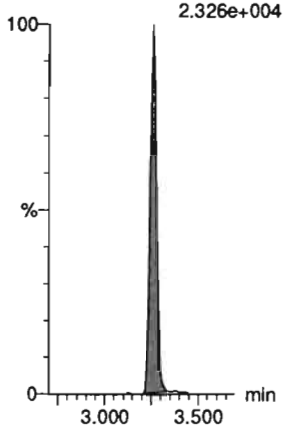
Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

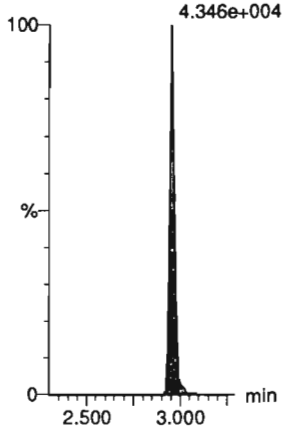
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.854e+004



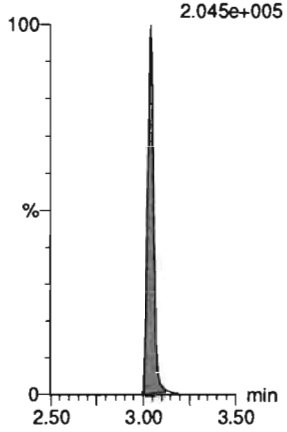
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.326e+004



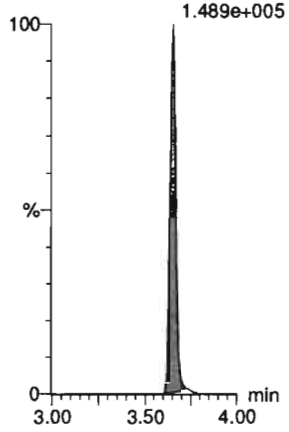
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.346e+004



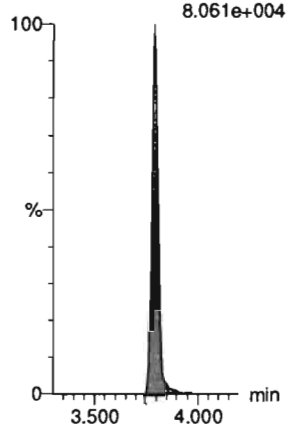
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.045e+005



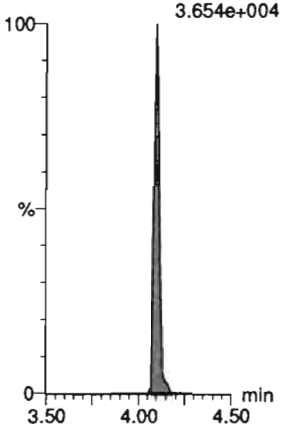
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.489e+005



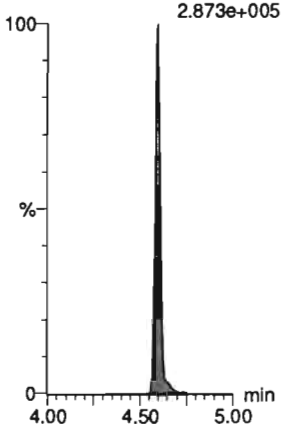
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.061e+004



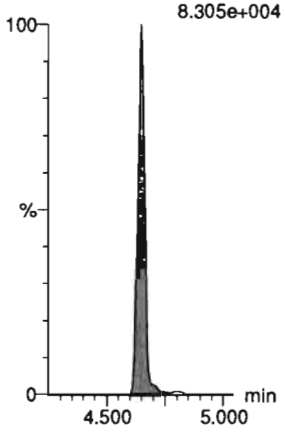
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.654e+004



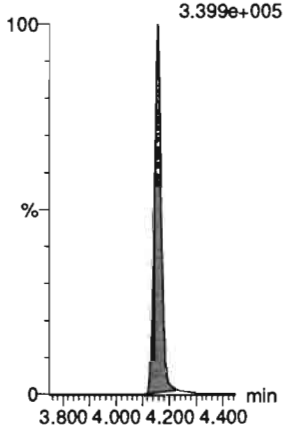
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.873e+005



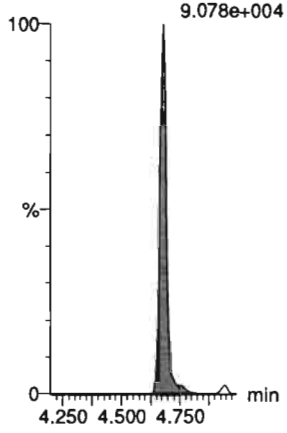
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
8.305e+004



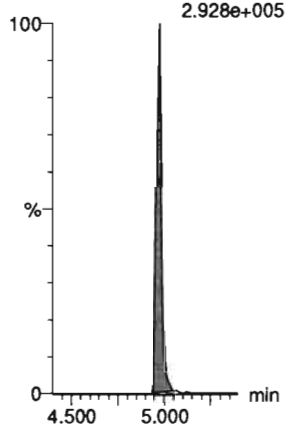
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.399e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
9.078e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.928e+005



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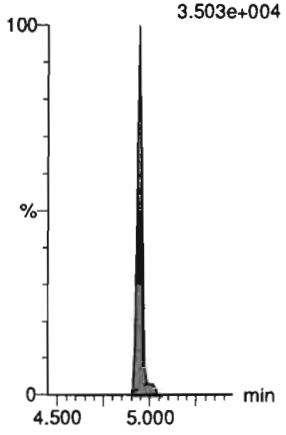
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

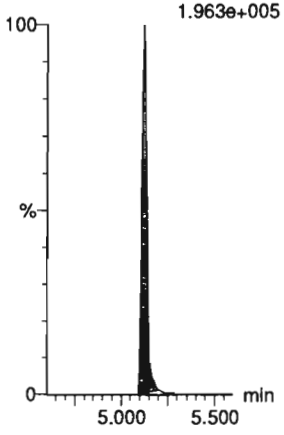
Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

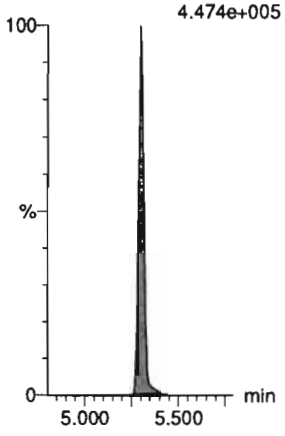
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.503e+004



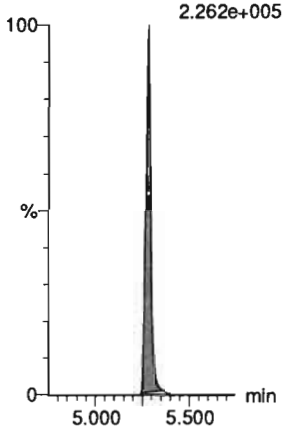
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
1.963e+005



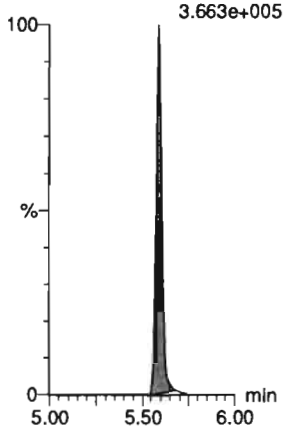
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.474e+005



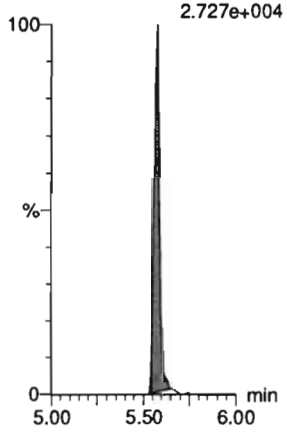
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.262e+005



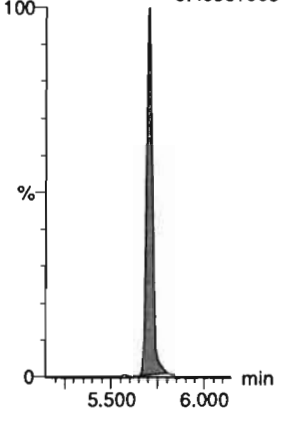
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.663e+005



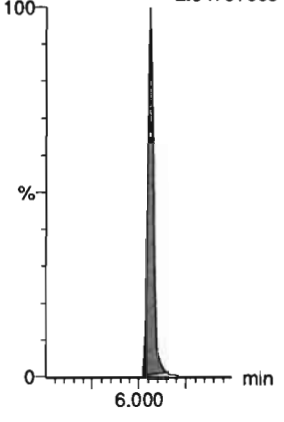
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.727e+004



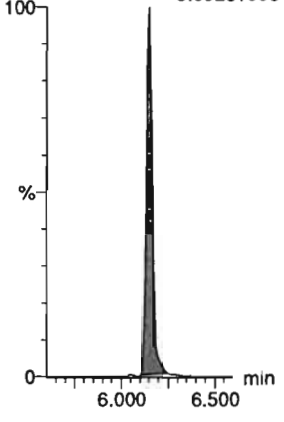
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.409e+005



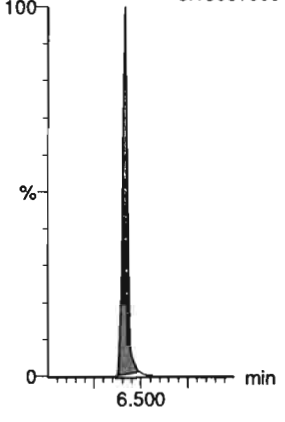
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.947e+005



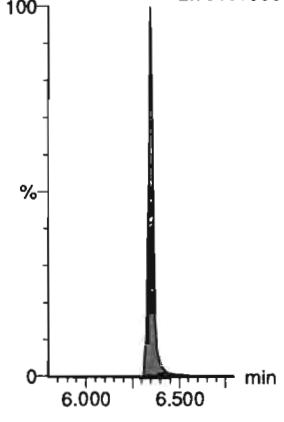
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.092e+005



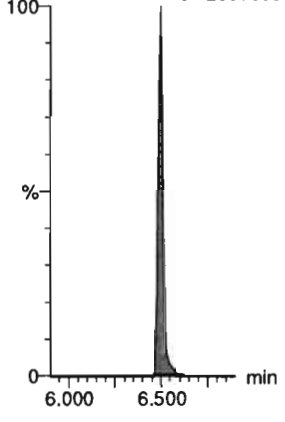
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.190e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.751e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.728e+005



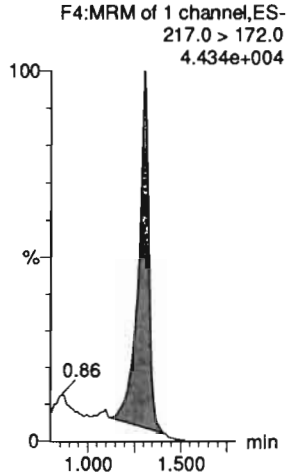
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-78.qld

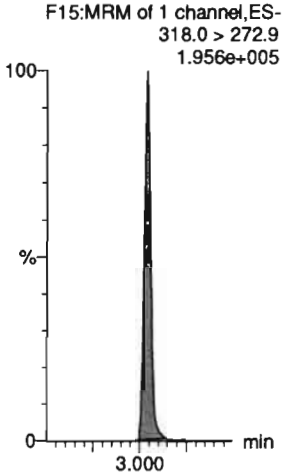
Last Altered: Wednesday, June 03, 2020 12:33:26 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:33:49 Pacific Daylight Time

Name: 200602M2_78, Date: 03-Jun-2020, Time: 05:35:54, ID: ST200602M2-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

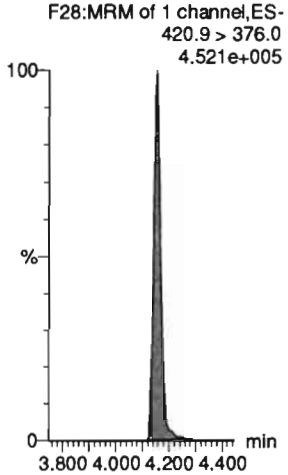
13C4-PFBA



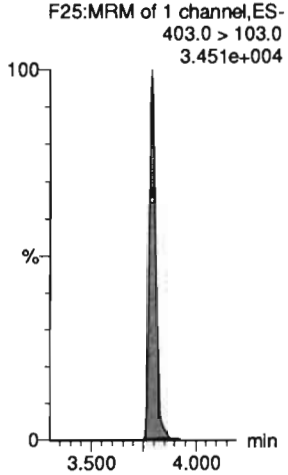
13C5-PFHxA



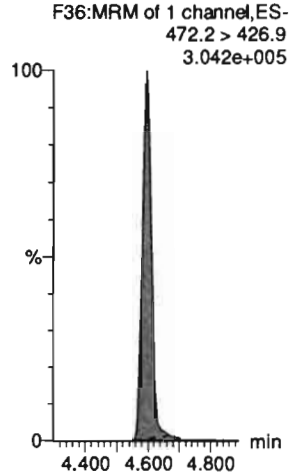
13C8-PFOA



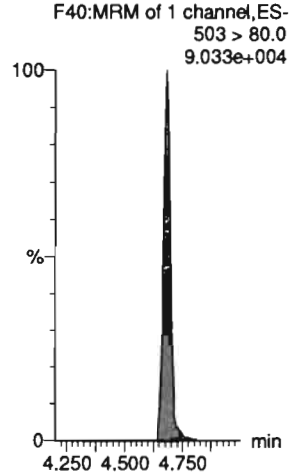
18O2-PFHxS



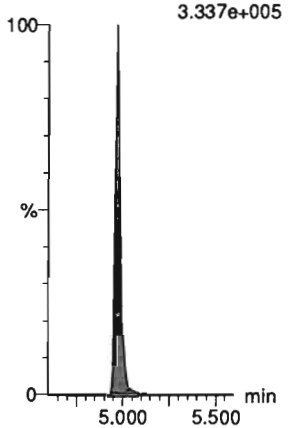
13C9-PFNA



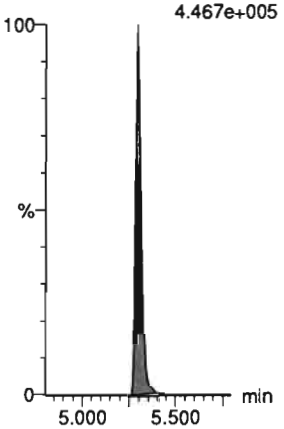
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
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VGM 6/3/2020

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2102.736	2220.371	1.00	1.30	11.838	10.000	9.10	91.0	NO		
2	2	PFPrS	248.9 > 79.9	1040.656	1056.024	1.00	1.63	12.318	10.000	8.76	87.6	NO	2.315	NO
3	3	3:3 FTCA	241.1 > 177.0	269.875	4579.659	1.00	2.09	0.737	10.000	8.45	84.5	NO	2.111	NO
4	4	PFPeA	263.1 > 218.9	3666.490	4579.659	1.00	2.23	10.008	10.000	9.96	99.6	NO		
5	5	PFBS	299.0 > 79.7	2051.434	1056.024	1.00	2.50	24.283	10.000	11.5	114.6	NO	2.599	NO
6	6	4:2 FTS	327.0 > 306.9	3010.317	1725.068	1.00	2.93	21.813	10.000	10.1	101.4	NO	1.558	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2220.371		1.00	1.30	2220.371	12.500	12.7	101.9	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1056.024		1.00	2.50	1056.024	12.500	14.1	113.1	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	4579.659		1.00	2.23	4579.659	12.500	12.9	103.1	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	4579.659		1.00	2.23	4579.659	12.500	12.9	103.1	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1056.024		1.00	2.50	1056.024	12.500	14.1	113.1	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	1725.068		1.00	2.93	1725.068	12.500	16.4	130.9	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	7447.513	8835.778	1.00	3.01	10.536	10.000	10.5	105.0	NO	17.462	NO
15	8	PFPeS	349.0 > 80.0	1829.423	1056.024	1.00	3.21	21.655	10.000	9.66	96.6	NO	1.811	NO
16	9	HFPO-DA	285.1 > 168.9	771.942	985.691	1.00	3.23	9.789	10.000	10.2	102.1	NO	2.248	NO
17	10	5:3 FTCA	340.9 > 236.9	1866.972	5516.194	1.00	3.56	4.231	10.000	11.1	110.5	NO	1.517	NO
18	11	PFHpA	363.0 > 318.9	5956.296	5516.194	1.00	3.62	13.497	10.000	10.7	106.7	NO	12.804	NO
19	12	ADONA	376.8 > 250.9	19869.451	5516.194	1.00	3.72	45.025	10.000	11.1	111.2	NO	3.604	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	8835.778		1.00	3.01	8835.778	12.500	13.1	105.0	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1056.024		1.00	2.50	1056.024	12.500	14.1	113.1	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	985.691		1.00	3.23	985.691	12.500	13.9	111.0	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5516.194		1.00	3.62	5516.194	12.500	13.2	105.4	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5516.194		1.00	3.62	5516.194	12.500	13.2	105.4	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5516.194		1.00	3.62	5516.194	12.500	13.2	105.4	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2102.873	2483.845	1.00	3.75	10.583	10.000	10.7	107.5	NO	1.614	NO
28	15	6:2 FTS	427.1 > 407.0	3666.427	1429.097	1.00	4.06	32.069	10.000	12.0	120.0	NO	2.061	NO
29	16	L-PFOA	412.8 > 368.9	12218.378	11292.965	1.00	4.11	13.524	10.000	9.53	95.3	NO	3.333	NO
30	18	PFecHS	460.8 > 381.0	3624.620	11292.965	1.00	4.13	4.012	10.000	9.60	96.0	NO	0.851	NO
31	19	PFHpS	448.9 > 80.0	2173.889	3121.700	1.00	4.22	8.705	10.000	10.9	109.1	NO	2.085	NO
32	20	7:3 FTCA	441.0 > 337.0	2631.158	11375.798	1.00	4.53	2.891	10.000	7.07	70.7	NO	1.390	NO
33	61	13C3-PFHxS-EIS	401.8 > 79.9	2483.845		1.00	3.75	2483.845	12.500	13.4	107.1	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1429.097		1.00	4.06	1429.097	12.500	14.1	113.1	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	11292.965		1.00	4.11	11292.965	12.500	14.5	116.1	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	11292.965		1.00	4.11	11292.965	12.500	14.5	116.1	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
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Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71 13C8-PFOS-EIS	507.0 > 80	3121.700		1.00	4.63	3121.700	12.500	14.7	117.4	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	11375.798		1.00	4.55	11375.798	12.500	16.9	135.0	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	12294.108	11375.798	1.00	4.55	13.509	10.000	11.5	114.9	NO	5.062	NO
41	22 PFOSA	498.0 > 78.0	2469.081	2926.687	1.00	4.60	10.546	10.000	9.55	95.5	NO	32.133	NO
42	23 L-PFOS	499 > 80	2206.192	3121.700	1.00	4.63	8.834	10.000	10.5	104.7	NO	1.987	NO
43	25 9Cl-PF30NS	531 > 351.0	7561.925	3121.700	1.00	4.85	30.280	10.000	8.87	88.7	NO	15.307	NO
44	26 PFDA	513 > 468.8	12033.678	9891.744	1.00	4.92	15.207	10.000	11.7	117.0	NO	6.055	NO
45	27 8:2 FTS	526.9 > 507.0	3097.865	1691.524	1.00	4.89	22.893	10.000	9.62	96.2	NO	1.380	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	11375.798		1.00	4.55	11375.798	12.500	16.9	135.0	NO		
47	67 13C8-PFOSA-EIS	506. > 78	2926.687		1.00	4.60	2926.687	12.500	12.7	101.3	NO		
48	71 13C8-PFOS-EIS	507.0 > 80	3121.700		1.00	4.63	3121.700	12.500	14.7	117.4	NO		
49	71 13C8-PFOS-EIS	507.0 > 80	3121.700		1.00	4.63	3121.700	12.500	14.7	117.4	NO		
50	73 13C2-PFDA-EIS	515.1 > 469.9	9891.744		1.00	4.92	9891.744	12.500	13.8	110.3	NO		
51	75 13C2-8:2 FTS-EIS	528.9 > 79.9	1691.524		1.00	4.89	1691.524	12.500	15.7	125.4	NO		
52	-1												
53	28 PFNS	549.0 > 79.9	2400.065	3121.700	1.00	4.99	9.610	10.000	10.1	101.2	NO	1.562	NO
54	29 L-MeFOSAA	570 > 419	6497.759	7676.347	1.00	5.07	10.581	10.000	10.4	104.4	NO	2.548	NO
55	31 L-EtFOSAA	583.6 > 418.9	3921.148	7505.864	1.00	5.23	6.530	10.000	9.81	98.1	NO	1.044	NO
56	33 PFUdA	563.0 > 518.9	10926.636	13243.127	1.00	5.24	10.313	10.000	11.5	114.6	NO	13.507	NO
57	34 PFDS	599.0 > 80.0	2276.942	3121.700	1.00	5.29	9.117	10.000	12.1	121.1	NO	1.691	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	9242.594	15610.242	1.00	5.46	7.401	10.000	10.9	109.1	NO	25.698	NO
59	71 13C8-PFOS-EIS	507.0 > 80	3121.700		1.00	4.63	3121.700	12.500	14.7	117.4	NO		
60	77 d3-N-MeFOSAA-EIS	573. > 419	7676.347		1.00	5.07	7676.347	12.500	12.9	103.0	NO		
61	81 d5-N-EtFOSAA-EIS	589. > 419	7505.864		1.00	5.22	7505.864	12.500	15.8	126.2	NO		
62	79 13C2-PFUdA-EIS	565 > 519.8	13243.127		1.00	5.24	13243.127	12.500	12.5	100.2	NO		
63	71 13C8-PFOS-EIS	507.0 > 80	3121.700		1.00	4.63	3121.700	12.500	14.7	117.4	NO		
64	83 13C2-PFDoA-EIS	615 > 570	15610.242		1.00	5.53	15610.242	12.500	14.8	118.4	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	3307.742	1431.689	1.00	5.52	28.880	10.000	9.22	92.2	NO	1.584	NO
67	37 PFDoA	612.9 > 569.0	12213.499	15610.242	1.00	5.53	9.780	10.000	9.32	93.2	NO	8.007	NO
68	38 N-MeFOSA	512.1 > 168.9	4410.697	11941.650	1.00	5.62	55.108	50.000	54.0	108.0	NO	1.487	NO
69	39 PFTrDA	662.9 > 618.9	14422.293	15610.242	1.00	5.78	11.549	10.000	11.4	114.2	NO	9.593	NO
70	40 PFDoS	698.9 > 80	2747.068	10979.715	1.00	5.80	3.127	10.000	9.45	94.5	NO	2.065	NO
71	41 PFTeDA	713.0 > 669.0	13607.133	10979.715	1.00	6.00	15.491	10.000	11.1	110.7	NO	14.862	NO
72	85 13C2-10:2 FTS-EIS	633 > 79.9	1431.689		1.00	5.51	1431.689	12.500	15.5	123.8	NO		

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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

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Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	615 > 570	15610.242		1.00	5.53	15610.242	12.500	14.8	118.4	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	11941.650		1.00	5.65	11941.650	149.200	141	94.3	NO		
75	83 13C2-PFDoA-EIS	615 > 570	15610.242		1.00	5.53	15610.242	12.500	14.8	118.4	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	10979.715		1.00	6.00	10979.715	12.500	12.4	99.1	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	10979.715		1.00	6.00	10979.715	12.500	12.4	99.1	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	6023.394	19289.926	1.00	6.07	46.589	50.000	55.7	111.3	NO	1.485	NO
80	43 PFHxDA	813.1 > 768.6	8828.709	17745.314	1.00	6.36	6.219	10.000	10.1	101.1	NO	44.239	NO
81	44 PFODA	913.1 > 868.8	12924.383	17745.314	1.00	6.59	9.104	10.000	10.8	108.3	NO		
82	45 N-MeFOSE	616.1 > 58.9	3984.570	9163.295	1.00	6.30	64.878	50.000	59.5	119.1	NO		
83	46 N-EtFOSE	630.1 > 58.9	4156.015	11491.312	1.00	6.45	53.961	50.000	46.0	91.9	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	2220.371	2992.950	1.00	1.30	9.273	12.500	12.5	100.3	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	19289.926		1.00	6.09	19289.926	149.200	151	101.5	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	17745.314		1.00	6.36	17745.314	12.500	15.0	119.7	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	17745.314		1.00	6.36	17745.314	12.500	15.0	119.7	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	9163.295		1.00	6.29	9163.295	149.200	137	91.8	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	11491.312		1.00	6.44	11491.312	149.200	157	105.2	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	4579.659	8553.838	1.00	2.23	6.692	12.500	13.0	104.1	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1055.334	1425.383	1.00	2.50	9.255	12.500	11.7	93.9	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	985.691	8553.838	1.00	3.23	1.440	12.500	13.3	106.4	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	1725.068	1425.383	1.00	2.93	15.128	12.500	14.2	113.6	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	8835.778	8553.838	1.00	3.01	12.912	12.500	13.1	104.5	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	5516.194	8553.838	1.00	3.62	8.061	12.500	13.0	103.9	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	2483.845	1425.383	1.00	3.75	21.782	12.500	11.2	89.3	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	1435.239	2728.775	1.00	4.06	6.575	12.500	14.9	119.0	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	11375.798	11767.323	1.00	4.55	12.084	12.500	13.2	105.4	NO		
100	68 13C8-PFOSA-RSD	506. > 78	2926.687	13197.699	1.00	4.60	2.772	12.500	12.8	102.5	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	11292.965	14350.774	1.00	4.11	9.837	12.500	12.4	99.4	NO		
102	72 13C8-PFOS-RSD	507.0 > 80	3121.700	2728.775	1.00	4.63	14.300	12.500	14.2	113.7	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	9890.433	10980.316	1.00	4.92	11.259	12.500	12.5	99.7	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	528.9 > 79.9	1691.744	2728.775	1.00	4.89	7.750	12.500	16.0	128.1	NO		
106	78 d3-N-MeFOSAA-RSD	573. > 419	7704.078	13197.699	1.00	5.07	7.297	12.500	13.3	106.6	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	13243.127	13197.699	1.00	5.24	12.543	12.500	12.1	97.2	NO		
108	82 d5-N-EtFOSAA-RSD	589. > 419	7506.349	13197.699	1.00	5.22	7.110	12.500	14.3	114.6	NO		

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Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84 13C2-PFDoA-RSD	615 > 570	15610.242	10980.316	1.00	5.53	17.771	12.500	12.9	102.9	NO		
110	86 13C2-10:2 FTS-RSD	633 > 79.9	1431.689	2728.775	1.00	5.51	6.558	12.500	18.1	144.7	NO		
111	88 d3-N-MeFOSA-RSD	515.2 > 168.9	11941.650	13197.699	1.00	5.65	11.310	149.200	132	88.5	NO		
112	90 13C2-PFTeDA-RSD	715.1 > 669.7	10979.715	13197.699	1.00	6.00	10.399	12.500	12.5	99.7	NO		
113	92 d5-N-ETFOSA-RSD	531.1 > 168.9	19289.926	13197.699	1.00	6.09	18.270	149.200	146	98.2	NO		
114	94 13C2-PFHxDA-RSD	815 > 769.7	17745.314	13197.699	1.00	6.36	16.807	12.500	12.4	99.0	NO		
115	96 d7-N-MeFOSE-RSD	623.1 > 58.9	9163.295	13197.699	1.00	6.29	8.679	149.200	137	91.5	NO		
116	98 d9-N-EtFOSE-RSD	639.2 > 58.8	11491.312	13197.699	1.00	6.44	10.884	149.200	153	102.8	NO		
117	-1												
118	99 13C4-PFBA	217.0 > 172.0	2992.950	2992.950	1.00	1.30	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	8553.838	8553.838	1.00	3.01	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	14350.774	14350.774	1.00	4.11	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	1425.383	1425.383	1.00	3.75	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	11767.323	11767.323	1.00	4.55	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	2728.775	2728.775	1.00	4.63	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	10980.316	10980.316	1.00	4.92	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	13197.699	13197.699	1.00	5.24	12.500	12.500	12.5	100.0	NO		

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200602M2_1	IPA	02-Jun-20	16:16:37
2	2 200602M2_2	IPA	02-Jun-20	16:27:02
3	3 200602M2_3	ST200602M2-1 PFC CS-2 20E2701	02-Jun-20	16:37:27
4	4 200602M2_4	ST200602M2-2 PFC CS-1 20E2702	02-Jun-20	16:47:52
5	5 200602M2_5	ST200602M2-3 PFC CS0 20F0201	02-Jun-20	16:58:16
6	6 200602M2_6	ST200602M2-4 PFC CS1 20E2704	02-Jun-20	17:08:41
7	7 200602M2_7	ST200602M2-5 PFC CS2 20E2705	02-Jun-20	17:19:05
8	8 200602M2_8	ST200602M2-6 PFC CS3 20E2706	02-Jun-20	17:29:31
9	9 200602M2_9	ST200602M2-7 PFC CS4 20E2707	02-Jun-20	17:39:53
10	10 200602M2_10	ST200602M2-8 PFC CS5 20E2708	02-Jun-20	17:50:15
11	11 200602M2_11	ST200602M2-9 PFC CS6 20E2709	02-Jun-20	18:00:37
12	12 200602M2_12	ST200602M2-10 PFC CS7 20E2710	02-Jun-20	18:11:00
13	13 200602M2_13	IB	02-Jun-20	18:21:25
14	14 200602M2_14	ICV200602M2-1 PFC ICV 20E2711	02-Jun-20	18:31:47
15	15 200602M2_15	IB	02-Jun-20	18:42:09
16	16 200602M2_16	B0E0261-BLK1@5X Method Blank 0.001	02-Jun-20	18:52:31
17	17 200602M2_17	B0E0261-BS1@5X OPR 0.001	02-Jun-20	19:02:53
18	18 200602M2_18	2001079-02RE1@5X Virexll 256 0.00102	02-Jun-20	19:13:18
19	19 200602M2_19	B0E0261-BLK1@20X Method Blank 0.001	02-Jun-20	19:23:43
20	20 200602M2_20	B0E0261-BS1@20X OPR 0.001	02-Jun-20	19:34:05
21	21 200602M2_21	2001079-02RE1@20X Virexll 256 0.00102	02-Jun-20	19:44:27
22	22 200602M2_22	B0E0258-BLK1 Method Blank 0.25	02-Jun-20	19:54:50
23	23 200602M2_23	B0E0258-BS1 OPR 0.25	02-Jun-20	20:05:12
24	24 200602M2_24	B0E0258-BSD1 LCSD 0.25	02-Jun-20	20:15:34
25	25 200602M2_25	2001167-01 PFC-AF-01-03-052720 0.24695	02-Jun-20	20:25:56
26	26 200602M2_26	B0E0234-BLK1 Method Blank 0.125	02-Jun-20	20:36:19
27	27 200602M2_27	B0E0234-BS1 OPR 0.125	02-Jun-20	20:46:41
28	28 200602M2_28	B0E0234-BSD1 LCSD 0.125	02-Jun-20	20:57:03
29	29 200602M2_29	2001068-05RE1 L-Combined 0.11572	02-Jun-20	21:07:25
30	30 200602M2_30	2001068-06RE1 L-PHI 0.11938	02-Jun-20	21:17:47
31	31 200602M2_31	2001068-07RE1 L-PHIIE 0.11694	02-Jun-20	21:28:10
32	32 200602M2_32	2001068-08RE1 L-PHIIW 0.11793	02-Jun-20	21:38:32

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
33	33 200602M2_33	B0E0224-BLK1 Method Blank 0.25	02-Jun-20	21:48:54
34	34 200602M2_34	B0E0224-BS1 OPR 0.25	02-Jun-20	21:59:17
35	35 200602M2_35	B0E0224-BSD1 LCSD 0.25	02-Jun-20	22:09:38
36	36 200602M2_36	2001129-04 A4-MW3D-INT1-EB 0.24113	02-Jun-20	22:20:01
37	37 200602M2_37	B0E0225-BLK1 Method Blank 0.25	02-Jun-20	22:30:23
38	38 200602M2_38	B0E0225-BS1 OPR 0.25	02-Jun-20	22:40:45
39	39 200602M2_39	B0E0225-MS1 Matrix Spike 0.24985	02-Jun-20	22:51:07
40	40 200602M2_40	B0E0225-MSD1 Matrix Spike Dup 0.25054	02-Jun-20	23:01:29
41	41 200602M2_41	2001123-01 MW-2(051920) 0.25456	02-Jun-20	23:11:52
42	42 200602M2_42	2001123-02 MW-15(051920) 0.24152	02-Jun-20	23:22:14
43	43 200602M2_43	IB	02-Jun-20	23:32:36
44	44 200602M2_44	ST200602M2-11 PFC CS3 20E2706	02-Jun-20	23:42:58
45	45 200602M2_45	IB	02-Jun-20	23:53:21
46	46 200602M2_46	2001123-03 MW-3(051920) 0.25492	03-Jun-20	00:03:43
47	47 200602M2_47	2001123-04 MW-6(051920) 0.25539	03-Jun-20	00:14:05
48	48 200602M2_48	2001123-05 FB(051920) 0.24576	03-Jun-20	00:24:27
49	49 200602M2_49	2001123-06 DUP(051920) 0.2487	03-Jun-20	00:34:49
50	50 200602M2_50	2001123-07 EB(052020) 0.25388	03-Jun-20	00:45:12
51	51 200602M2_51	2001123-08 MW-8(052020) 0.24436	03-Jun-20	00:55:34
52	52 200602M2_52	2001123-09 MW-12(052020) 0.25919	03-Jun-20	01:05:56
53	53 200602M2_53	2001123-10 MW-9(052020) 0.25813	03-Jun-20	01:16:18
54	54 200602M2_54	2001123-11 MW-7(052020) 0.25348	03-Jun-20	01:26:41
55	55 200602M2_55	2001123-12 GW-GW4(052020) 0.2528	03-Jun-20	01:37:03
56	56 200602M2_56	2001123-13 MW-4(052020) 0.24316	03-Jun-20	01:47:25
57	57 200602M2_57	2001123-14 GW-GW1(052020) 0.25632	03-Jun-20	01:57:47
58	58 200602M2_58	2001123-15 FB(052020) 0.24797	03-Jun-20	02:08:10
59	59 200602M2_59	2001123-16 TRIP BLANK 0.25479	03-Jun-20	02:18:31
60	60 200602M2_60	IB	03-Jun-20	02:28:54
61	61 200602M2_61	ST200602M2-12 PFC CS3 20E2706	03-Jun-20	02:39:16
62	62 200602M2_62	IB	03-Jun-20	02:49:40
63	63 200602M2_63	B0E0170-BLK1 Method Blank 0.125	03-Jun-20	03:00:05
64	64 200602M2_64	B0E0170-BS1 OPR 0.125	03-Jun-20	03:10:31
65	65 200602M2_65	B0E0170-MS1 Matrix Spike 0.11362	03-Jun-20	03:20:53
66	66 200602M2_66	B0E0170-MSD1 Matrix Spike Dup 0.11097	03-Jun-20	03:31:18
67	67 200602M2_67	2001090-01 GW-MW-5S 0.10966	03-Jun-20	03:41:44
68	68 200602M2_68	2001090-02 GW-MW-5D 0.11246	03-Jun-20	03:52:08

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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
69	69 200602M2_69	2001090-03 GW-AE-1A 0.11711	03-Jun-20	04:02:30
70	70 200602M2_70	2001090-04 GW-AE-1B 0.11012	03-Jun-20	04:12:53
71	71 200602M2_71	2001090-05 GW-MW-20D1 0.11459	03-Jun-20	04:23:15
72	72 200602M2_72	2001090-06 GW-MW-20D1-DUP 0.11445	03-Jun-20	04:33:37
73	73 200602M2_73	2001090-07 GW-MW-20D2 0.11536	03-Jun-20	04:44:00
74	74 200602M2_74	2001090-08 GW-MW-20S 0.11302	03-Jun-20	04:54:22
75	75 200602M2_75	2001090-09 GW-OP-5 0.11343	03-Jun-20	05:04:44
76	76 200602M2_76	2001090-10 GW-BP-4 0.11452	03-Jun-20	05:15:06
77	77 200602M2_77	IB	03-Jun-20	05:25:28
78	78 200602M2_78	ST200602M2-13 PFC CS3 20E2706	03-Jun-20	05:35:54
79	79 200602M2_79	IB	03-Jun-20	05:46:19
80	80 200602M2_80	2001090-11 GW-MW-11 0.11069	03-Jun-20	05:56:41
81	81 200602M2_81	B0E0169-BLK1 Method Blank 0.125	03-Jun-20	06:07:06
82	82 200602M2_82	B0E0169-BS1 OPR 0.125	03-Jun-20	06:17:31
83	83 200602M2_83	B0E0169-MS1 Matrix Spike 0.11624	03-Jun-20	06:27:53
84	84 200602M2_84	B0E0169-MSD1 Matrix Spike Dup 0.11276	03-Jun-20	06:38:15
85	85 200602M2_85	2001087-01 SW-SW-LR 0.11323	03-Jun-20	06:48:38
86	86 200602M2_86	2001087-03 SW-SW-111 0.11032	03-Jun-20	06:59:00
87	87 200602M2_87	2001087-05 S-EB-Sediment 0.1135	03-Jun-20	07:09:22
88	88 200602M2_88	2001087-06 DW-R-4ROD 0.11948	03-Jun-20	07:19:44
89	89 200602M2_89	2001087-07 DW-EB-APPARATUS 0.11627	03-Jun-20	07:30:07
90	90 200602M2_90	2001087-08 DW-R-10SMW 0.11336	03-Jun-20	07:40:29
91	91 200602M2_91	2001087-09 DW-R-15BFL 0.11534	03-Jun-20	07:50:51
92	92 200602M2_92	2001087-10 DW-R-5BFL 0.11327	03-Jun-20	08:01:13
93	93 200602M2_93	2001087-11 DW-R-14PWC 0.11435	03-Jun-20	08:11:36
94	94 200602M2_94	2001087-12 DW-R-3 0.11563	03-Jun-20	08:21:58
95	95 200602M2_95	IB	03-Jun-20	08:32:20
96	96 200602M2_96	ST200602M2-14 PFC CS3 20E2706	03-Jun-20	08:42:42
97	97 200602M2_97	IB	03-Jun-20	08:53:04
98	98 200602M2_98	2001087-13 DW-R-3-DUP 0.11443	03-Jun-20	09:03:27
99	99 200602M2_99	B0E0198-BLK1 Method Blank 0.25	03-Jun-20	09:13:49
100	100 200602M2_100	B0E0198-BS1 OPR 0.25	03-Jun-20	09:24:11
101	101 200602M2_101	2001109-02 Blank 0.25372	03-Jun-20	09:34:33
102	102 200602M2_102	2001117-01 FRB 0.25476	03-Jun-20	09:44:55
103	103 200602M2_103	2001117-03 S. RAW 0.24802	03-Jun-20	09:55:18
104	104 200602M2_104	B0E0244-BLK1 Method Blank 0.125	03-Jun-20	10:05:40

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 13:14:52 Pacific Daylight Time
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Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
105	105 200602M2_105	B0E0244-BS1 OPR 0.125	03-Jun-20	10:16:02
106	106 200602M2_106	2001100-01 MW 101D 0.11362	03-Jun-20	10:26:24
107	107 200602M2_107	2001100-02 MW-02E 0.11238	03-Jun-20	10:36:47
108	108 200602M2_108	IB	03-Jun-20	10:47:09
109	109 200602M2_109	ST200602M2-15 PFC CS3 20E2706	03-Jun-20	10:57:31
110	110 200602M2_110	IB	03-Jun-20	11:07:53

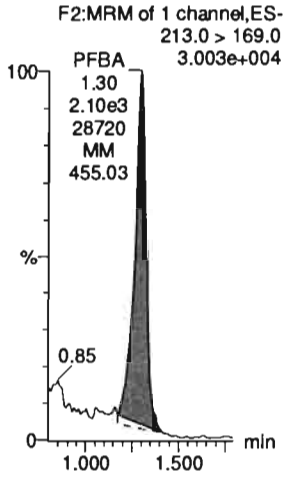
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFBA



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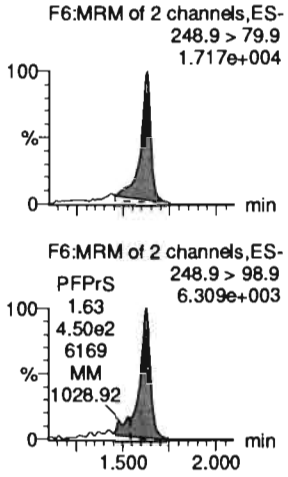
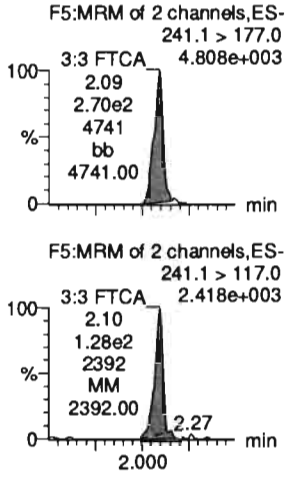


3:3 FTCA



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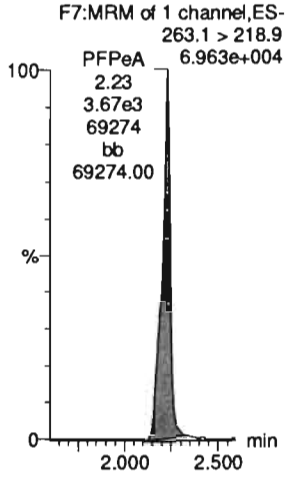

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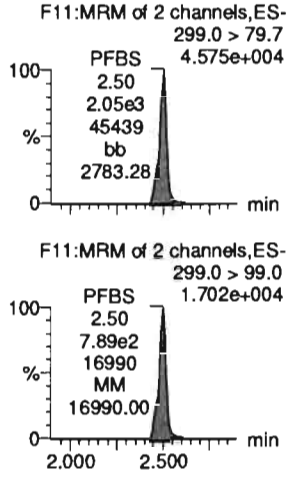
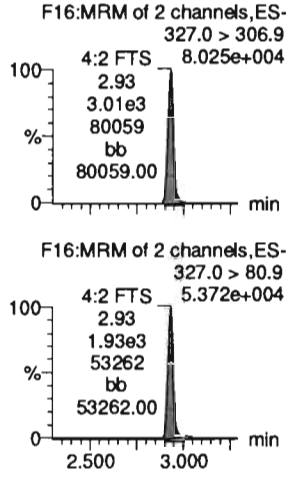


4:2 FTS



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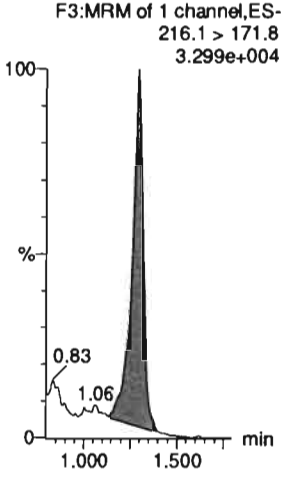

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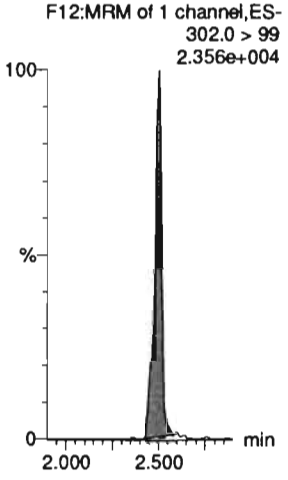

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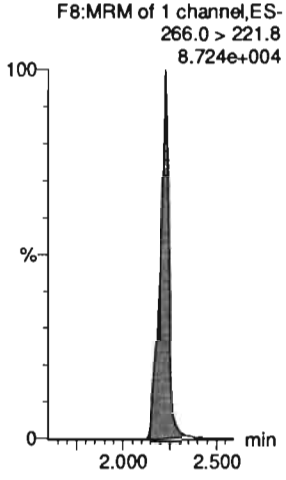

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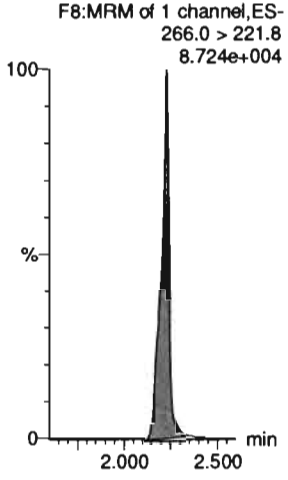

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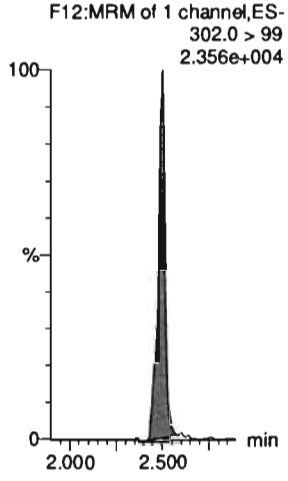
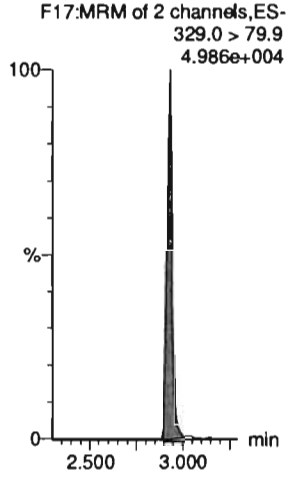


13C2-4:2 FTS-EIS



FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

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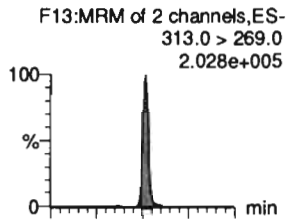

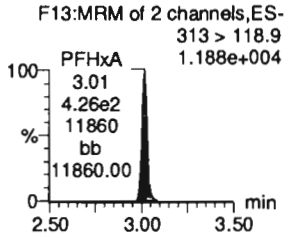

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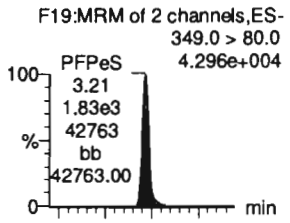
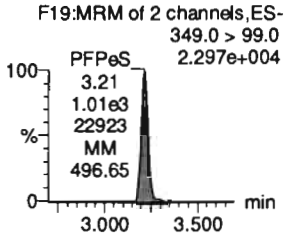
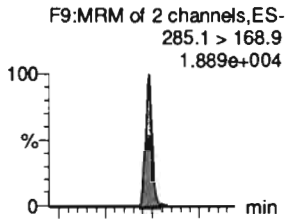
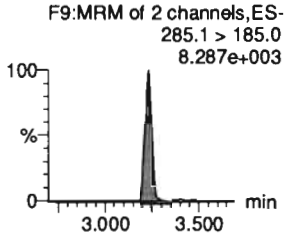


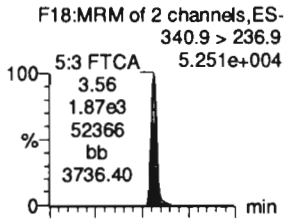


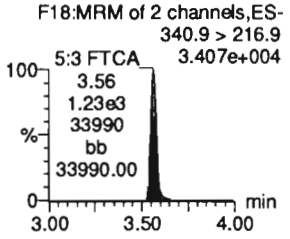
HFPO-DA





5:3 FTCA





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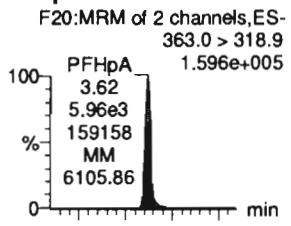

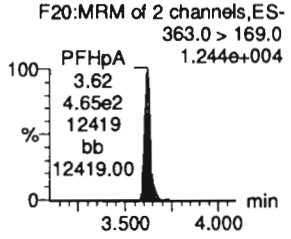

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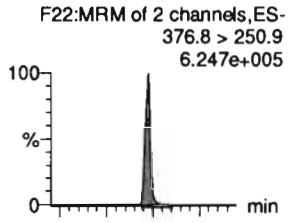

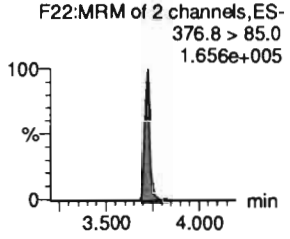

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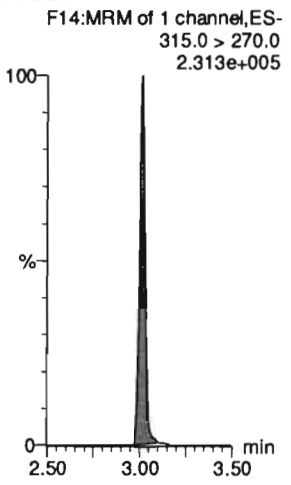

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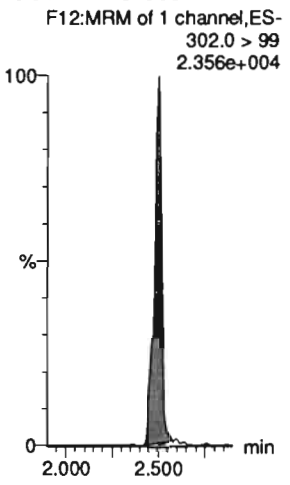

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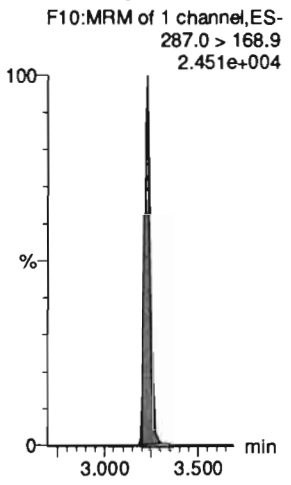

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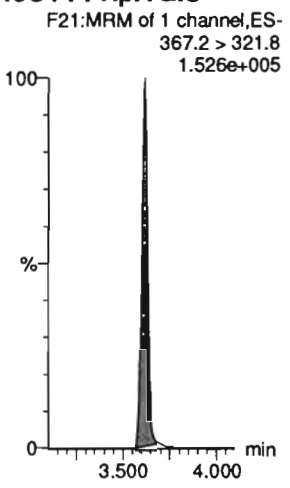

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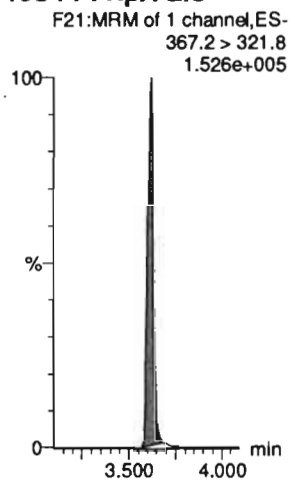

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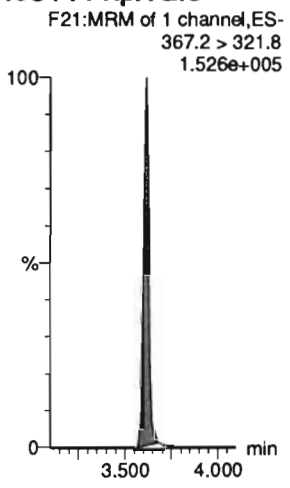

FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

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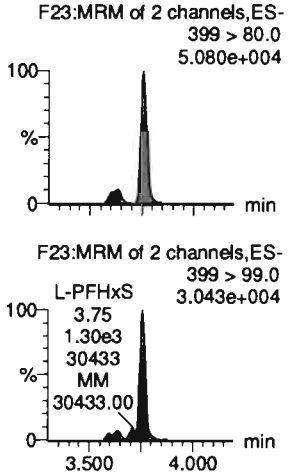
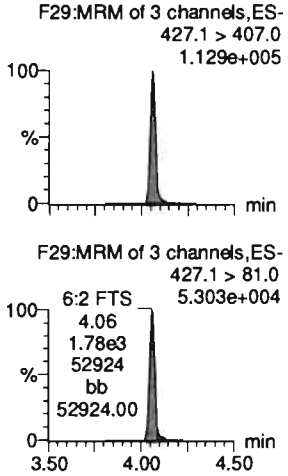


6:2 FTS



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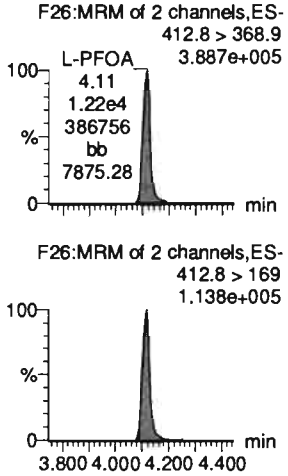

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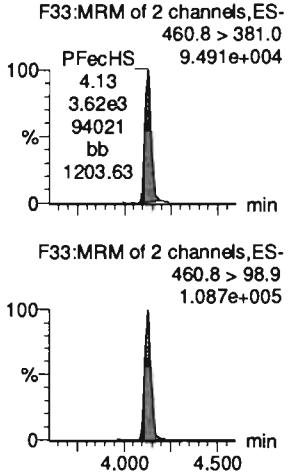

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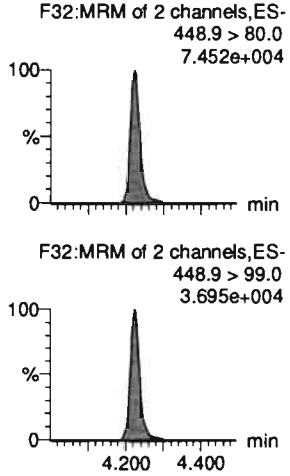

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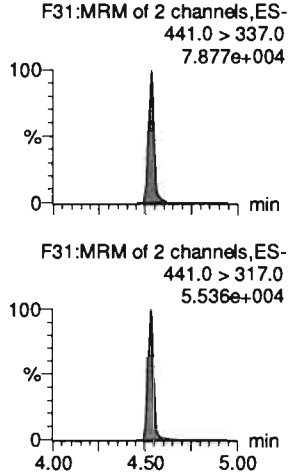

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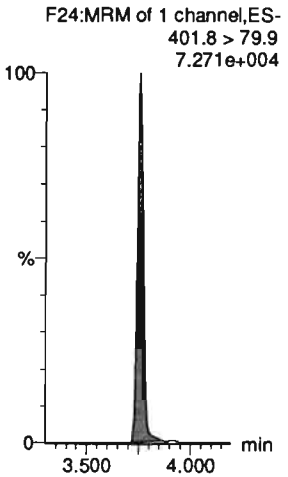
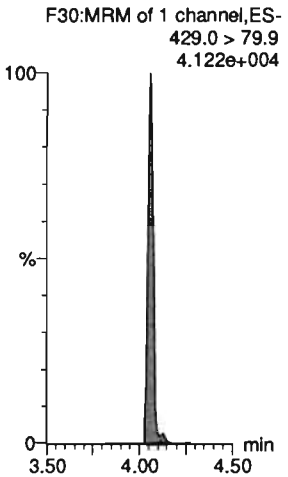


13C2-6:2 FTS-EIS



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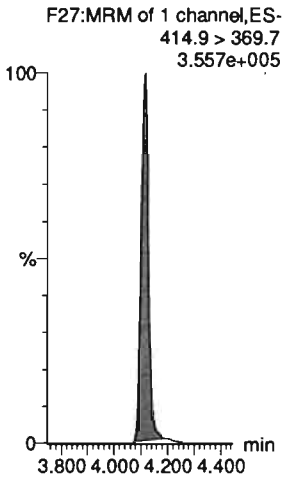

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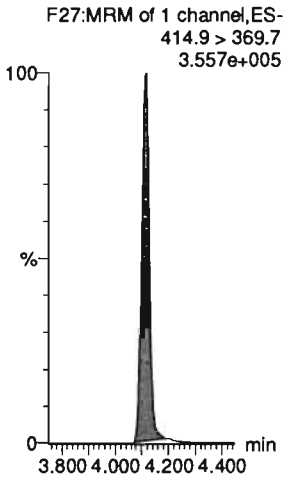
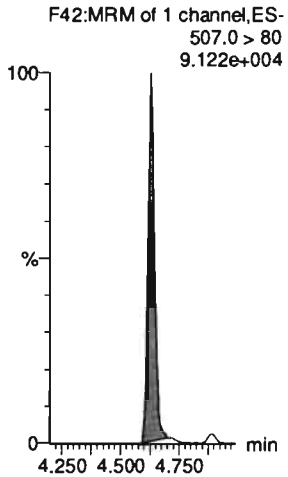
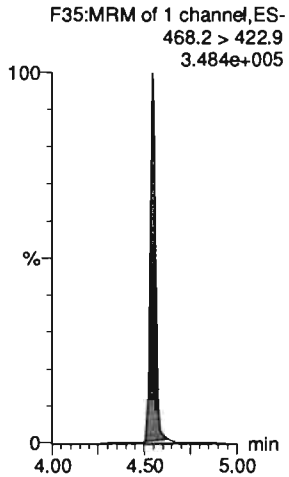


13C8-PFOS-EIS



13C5-PFNA-EIS



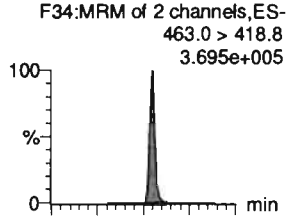
FBR 6/3/2020

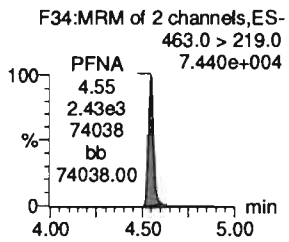
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNA





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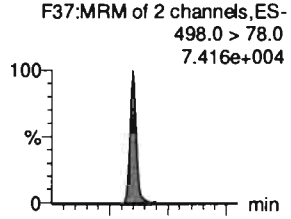

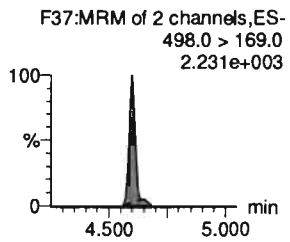

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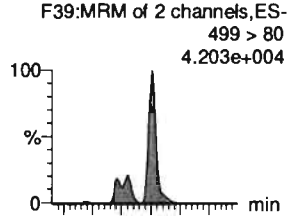
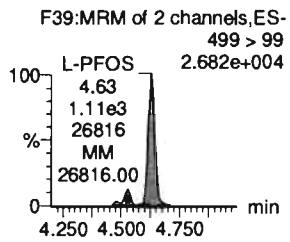
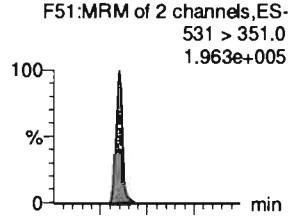
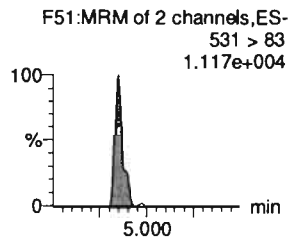




9Cl-PF30NS





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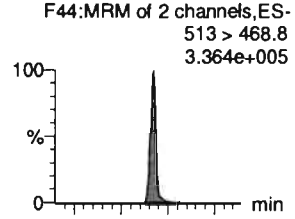
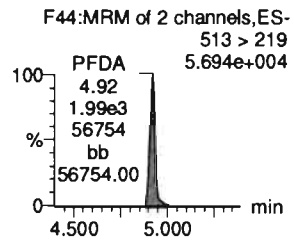
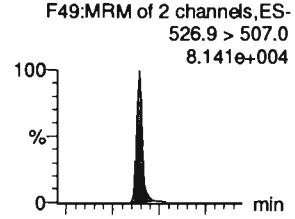
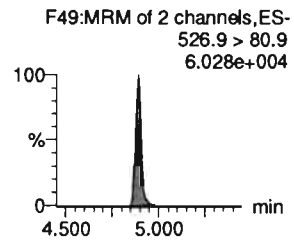


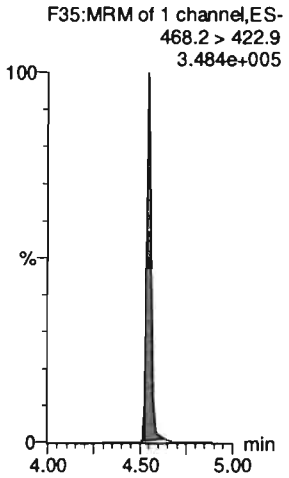


8:2 FTS

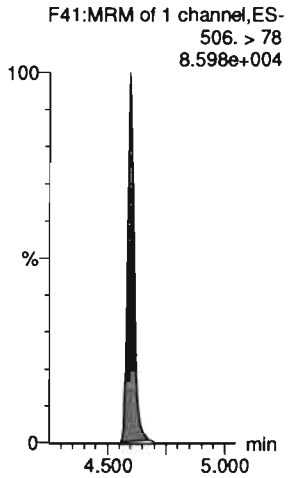




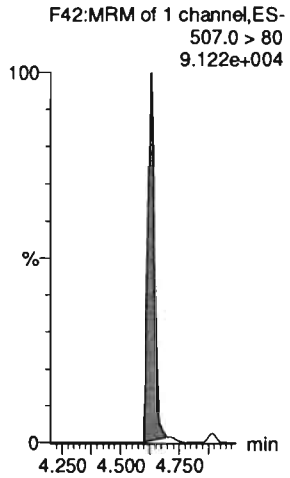
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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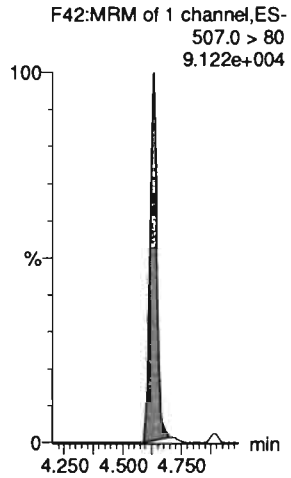
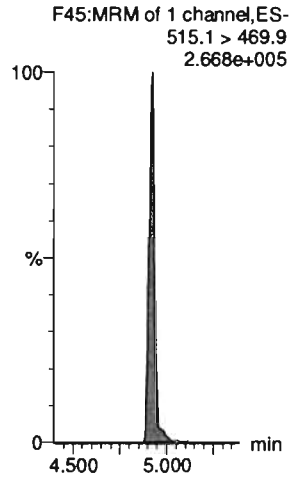
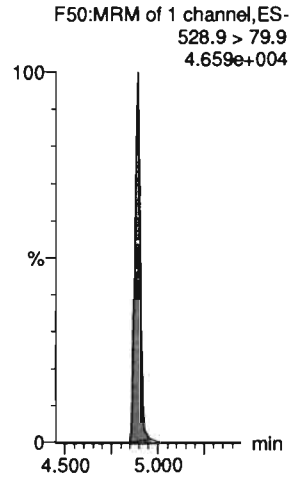


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

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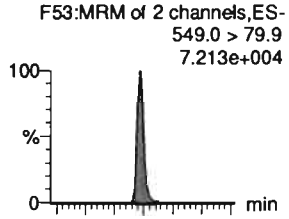

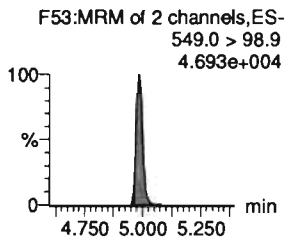

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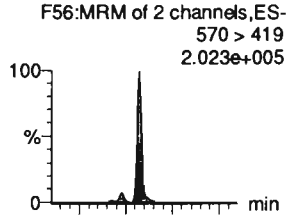

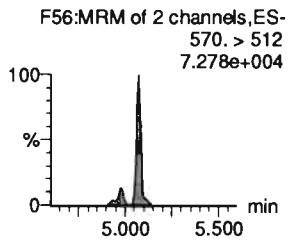

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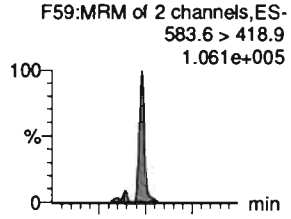

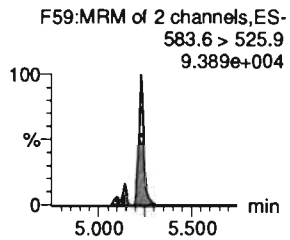

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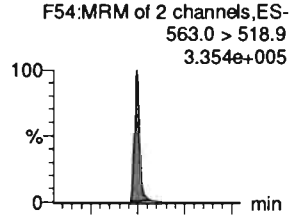

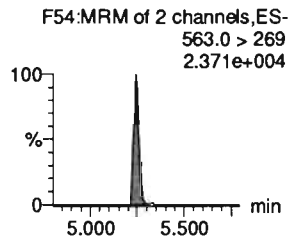

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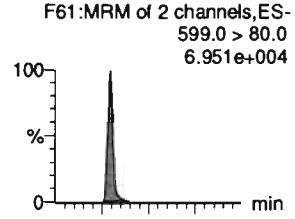

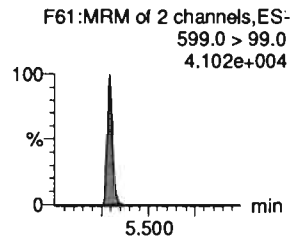

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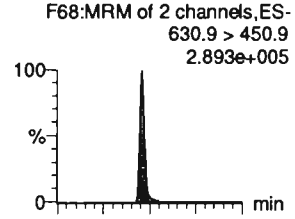
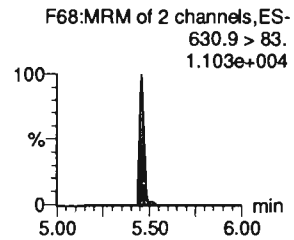
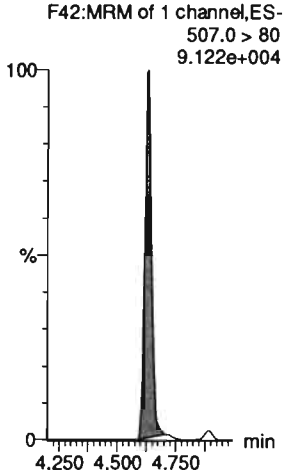
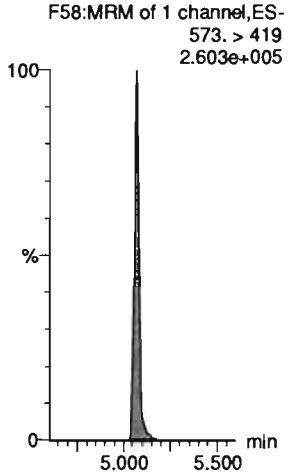




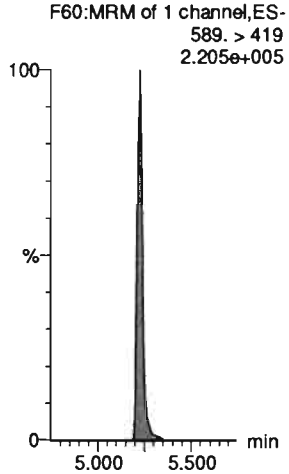
13C8-PFOS-EIS



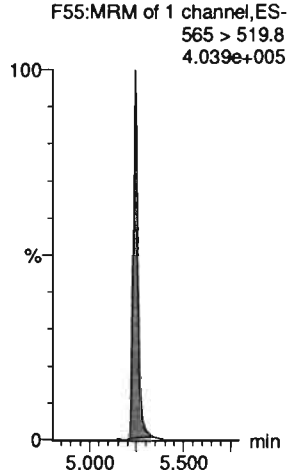
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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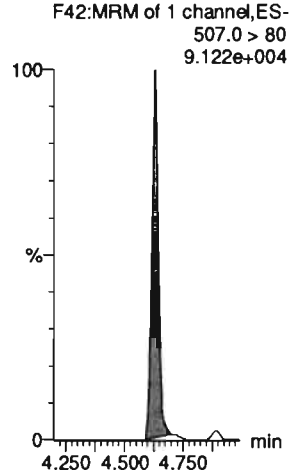

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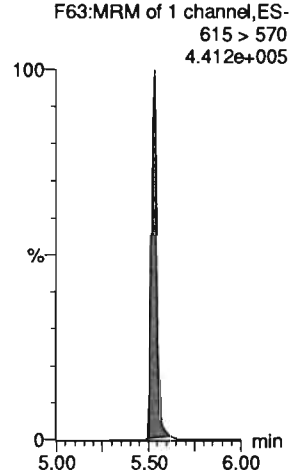

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Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
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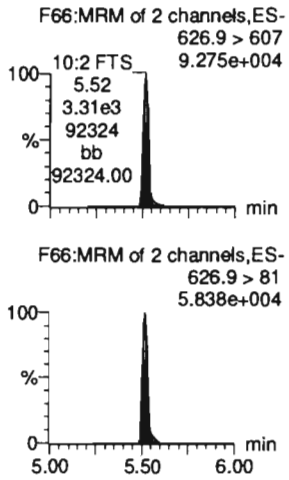
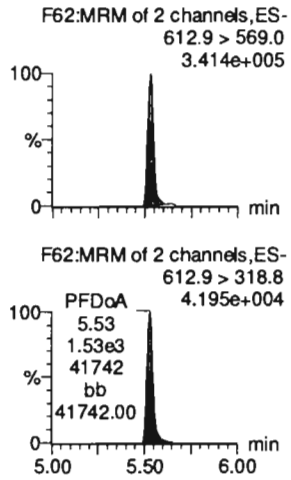
Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

10:2 FTS



PFDoA



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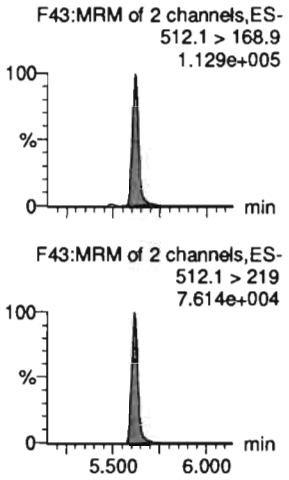

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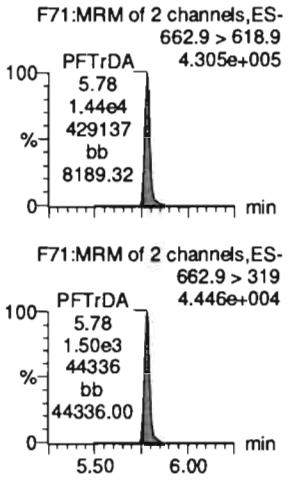

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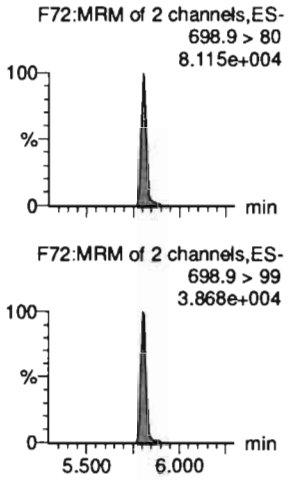
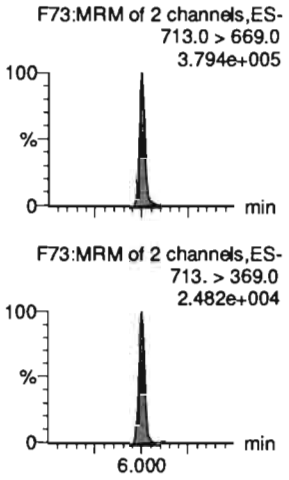
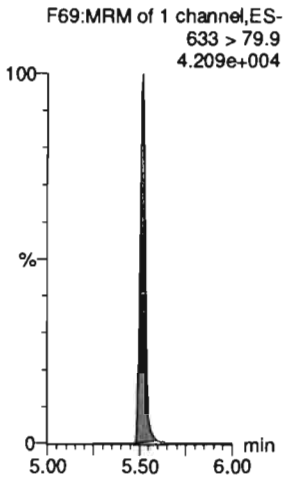


PFTeDA



13C2-10:2 FTS-EIS



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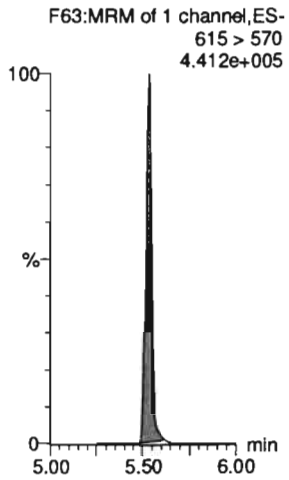
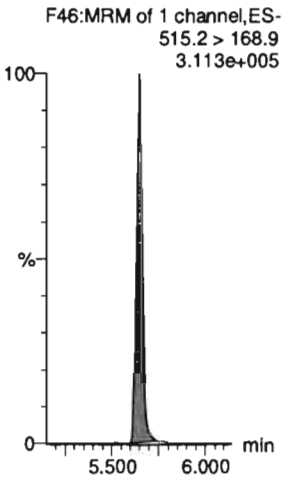


d3-N-MeFOSA-EIS



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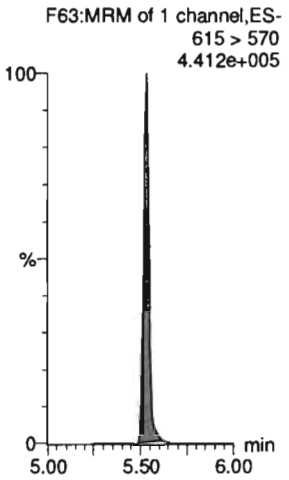

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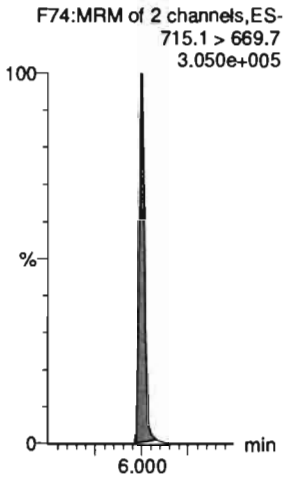

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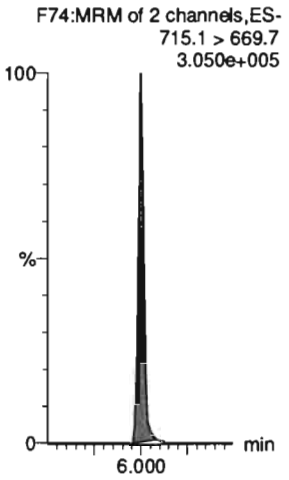

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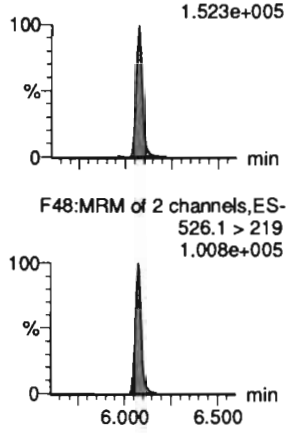
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

N-EtFOSA



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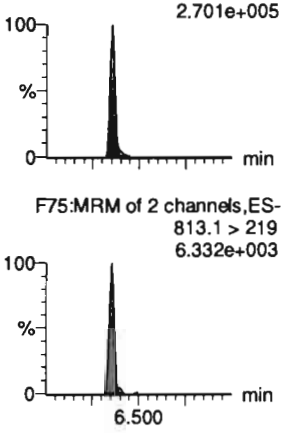
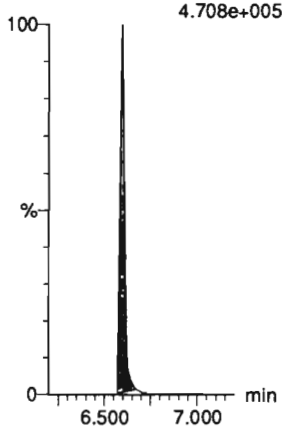
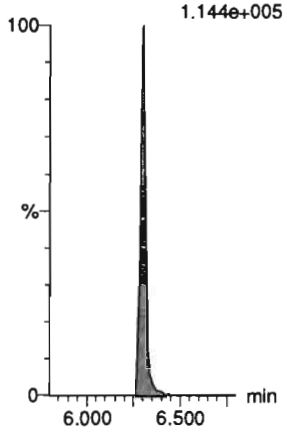


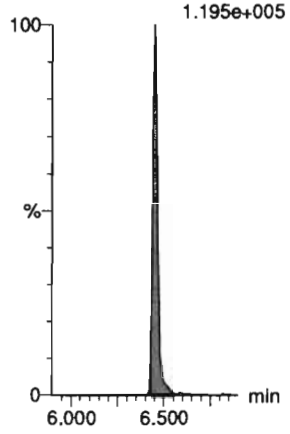
PFODA



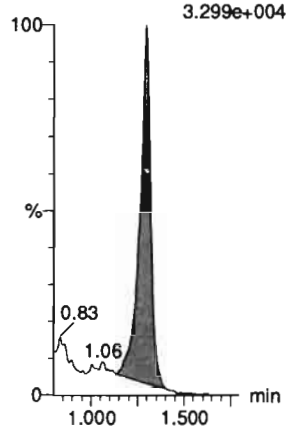
N-MeFOSE



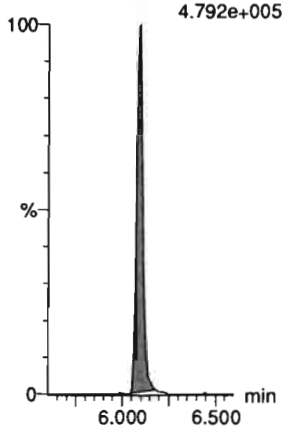
N-EtFOSE



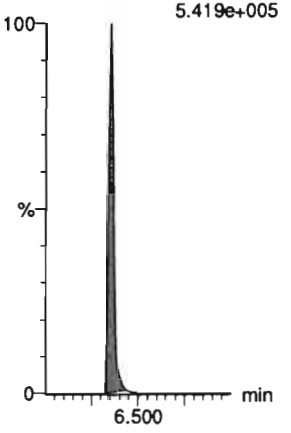
13C3-PFBA-RSD



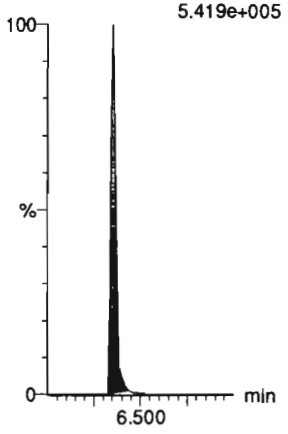
d5-N-ETFOSA-EIS



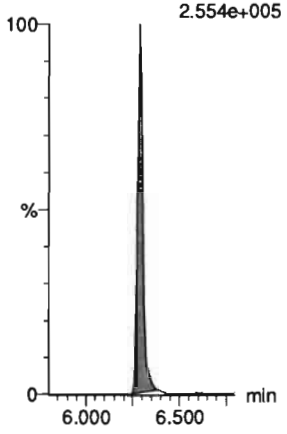
13C2-PFHxDA-EIS



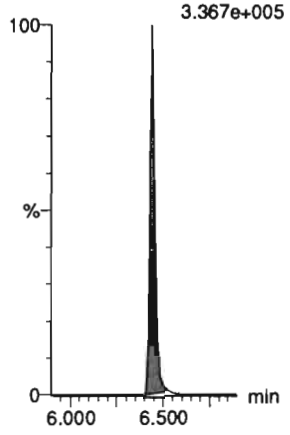
13C2-PFHxDA-EIS



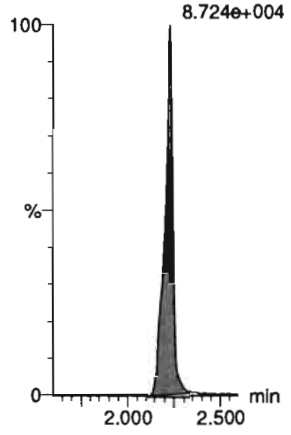
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



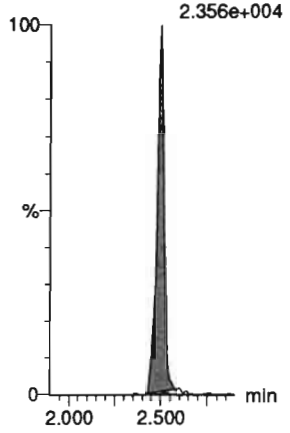
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

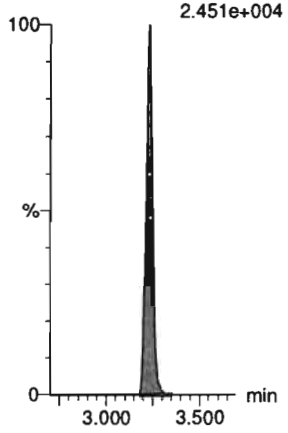
Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

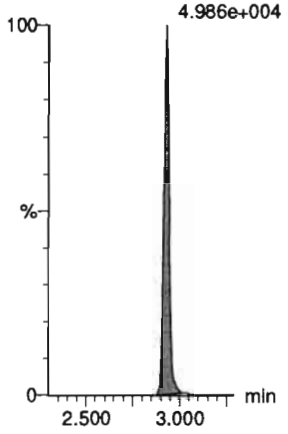
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.356e+004



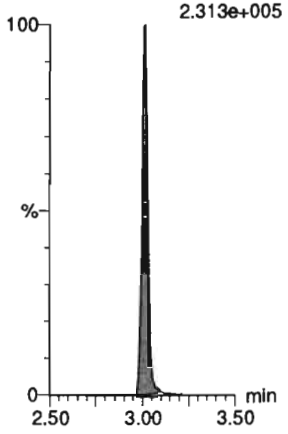
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.451e+004



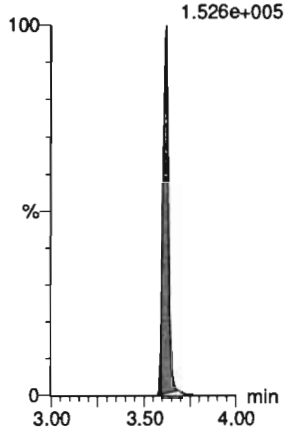
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.986e+004



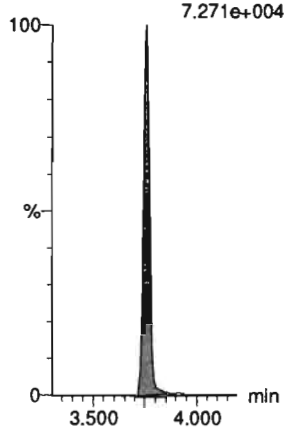
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.313e+005



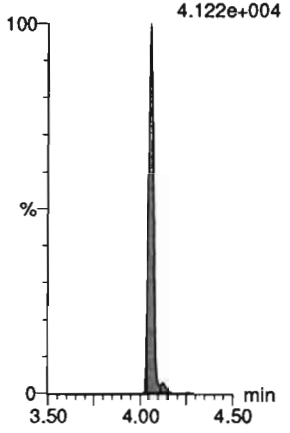
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.526e+005



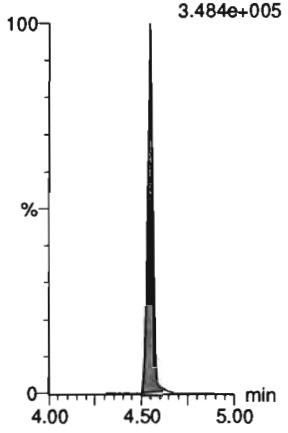
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
7.271e+004



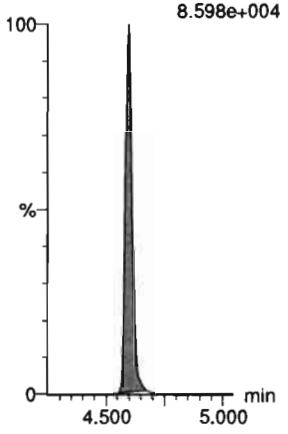
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.122e+004



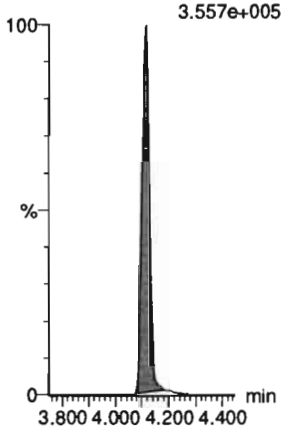
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.484e+005



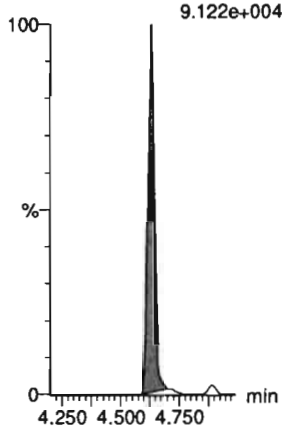
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
8.598e+004



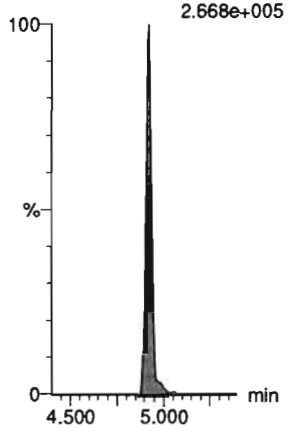
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.557e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
9.122e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.668e+005



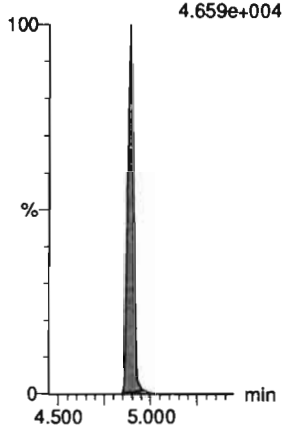
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

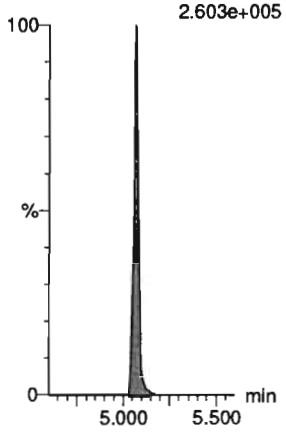
Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

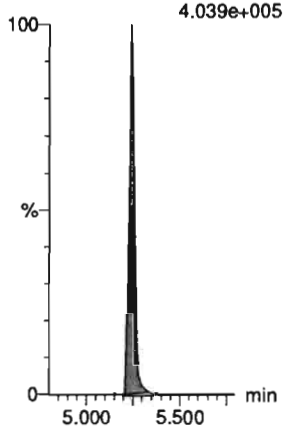
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.659e+004



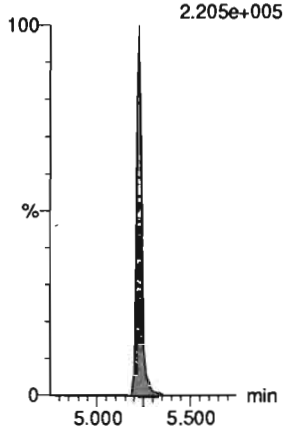
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.603e+005



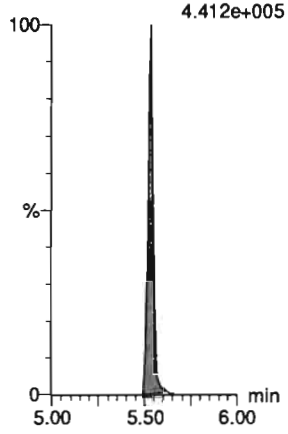
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.039e+005



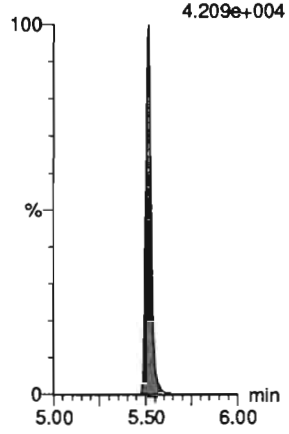
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.205e+005



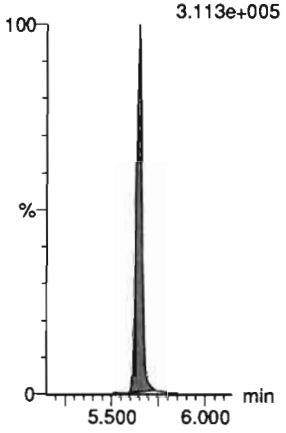
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.412e+005



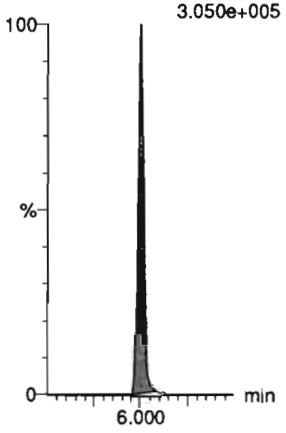
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.209e+004



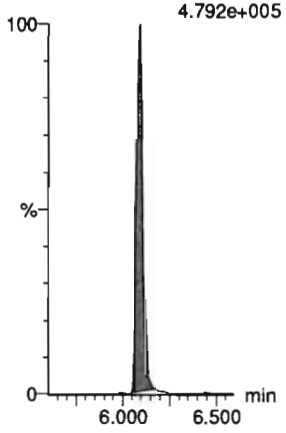
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.113e+005



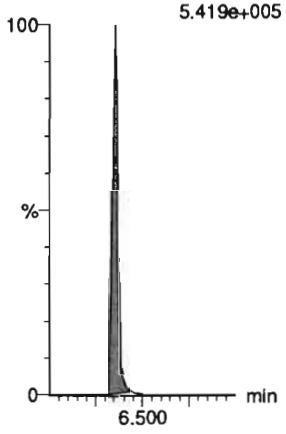
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.050e+005



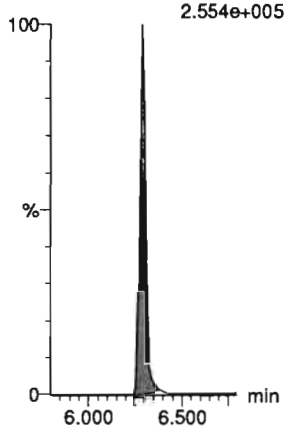
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.792e+005



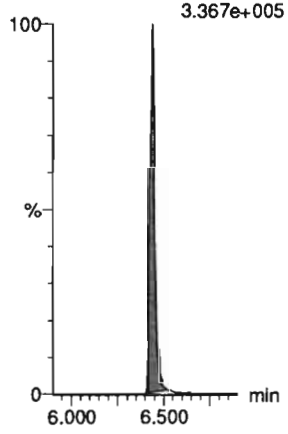
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.419e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.554e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.367e+005



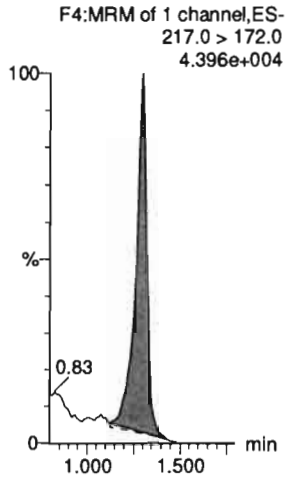
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M2-96.qld

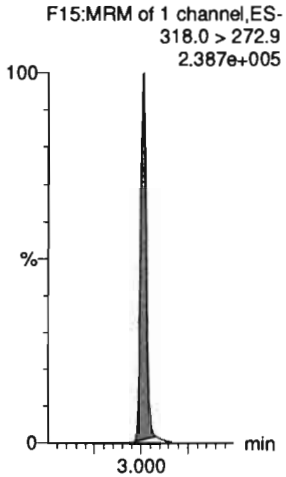
Last Altered: Wednesday, June 03, 2020 12:43:22 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:43:42 Pacific Daylight Time

Name: 200602M2_96, Date: 03-Jun-2020, Time: 08:42:42, ID: ST200602M2-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

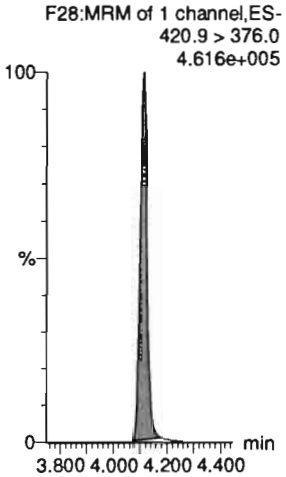
13C4-PFBA



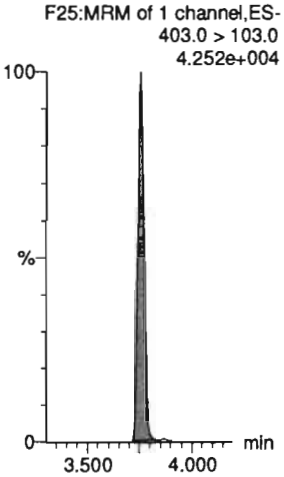
13C5-PFHxA



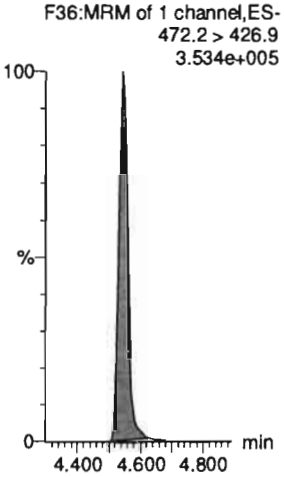
13C8-PFOA



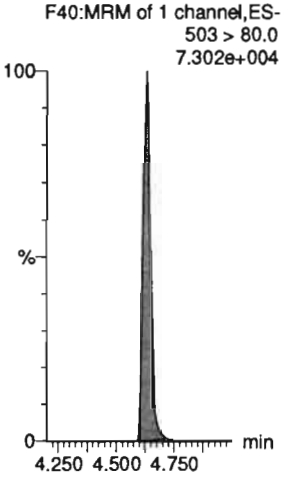
18O2-PFHxS



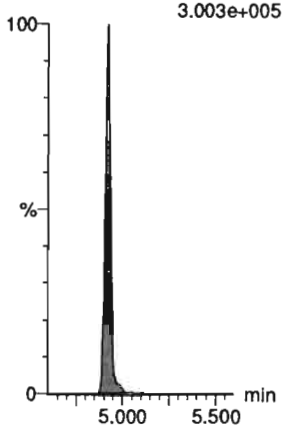
13C9-PFNA



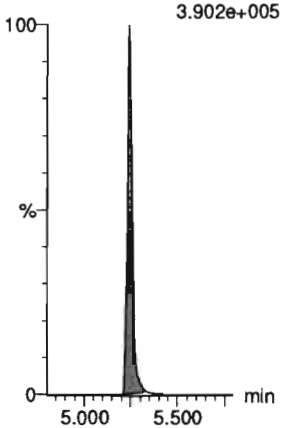
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

(A) Above criteria

JJm 6/9/2020

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

1	PFBA	213.0 > 169.0	4569.781	4523.685	1.00	1.27	12.627	10.000	10.5	104.6	NO		
2	PFPrS	248.9 > 79.9	2004.991	1335.081	1.00	1.59	18.772	10.000	10.3	103.2	NO	2.436	NO
3	3:3 FTCA	241.1 > 177.0	291.160	5281.172	1.00	2.07	0.689	10.000	11.1	111.1	NO	1.924	NO
4	PFPeA	263.1 > 218.9	4432.141	5281.172	1.00	2.21	10.490	10.000	11.2	111.7	NO		
5	PFBS	299.0 > 79.7	2514.072	1335.081	1.00	2.49	23.539	10.000	10.9	109.0	NO	2.721	NO
6	4:2 FTS	327.0 > 306.9	4148.944	2110.159	1.00	2.93	24.577	10.000	11.4	114.2	NO	1.612	NO
47	13C3-PFBA-EIS	216.1 > 171.8	4523.685		1.00	1.27	4523.685	12.500	13.2	105.5	NO		
51	13C3-PFBS-EIS	302.0 > 99	1335.081		1.00	2.49	1335.081	12.500	14.1	112.4	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	5281.172		1.00	2.21	5281.172	12.500	13.2	105.9	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	5281.172		1.00	2.21	5281.172	12.500	13.2	105.9	NO		
51	13C3-PFBS-EIS	302.0 > 99	1335.081		1.00	2.49	1335.081	12.500	14.1	112.4	NO		
55	13C2-4:2 FTS-EIS	329.0 >79.9	2110.159		1.00	2.93	2110.159	12.500	13.5	108.1	NO		
-1													
7	PFHxA	313.0 > 269.0	8671.177	10852.048	1.00	3.02	9.988	10.000	10.5	105.1	NO	19.353	NO
8	PFPeS	349.0 > 80.0	2819.442	1335.081	1.00	3.22	26.398	10.000	11.1	110.9	NO	1.747	NO
9	HFPO-DA	285.1 > 168.9	797.701	941.433	1.00	3.24	10.592	10.000	11.1	110.5	NO	2.097	NO
10	5:3 FTCA	340.9 > 236.9	1772.012	6583.280	1.00	3.56	3.365	10.000	10.1	101.0	NO	1.493	NO
11	PFHpA	363.0 > 318.9	6970.828	6583.280	1.00	3.63	13.236	10.000	10.1	100.6	NO	11.508	NO
12	ADONA	376.8 > 250.9	22010.230	6583.280	1.00	3.73	41.792	10.000	9.64	96.4	NO	3.072	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	10852.048		1.00	3.02	10852.048	12.500	14.8	118.6	NO		
51	13C3-PFBS-EIS	302.0 > 99	1335.081		1.00	2.49	1335.081	12.500	14.1	112.4	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	941.433		1.00	3.24	941.433	12.500	12.8	102.3	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	6583.280		1.00	3.63	6583.280	12.500	13.8	110.1	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	6583.280		1.00	3.63	6583.280	12.500	13.8	110.1	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	6583.280		1.00	3.63	6583.280	12.500	13.8	110.1	NO		
-1													
13	L-PFHxS	399 > 80.0	2793.452	3561.109	1.00	3.77	9.805	10.000	9.57	95.7	NO	1.579	NO
15	6:2 FTS	427 > 407.0	4322.124	1398.648	1.00	4.08	38.628	10.000	13.9	138.6 (A)	YES	2.056	NO
16	L-PFOA	412.8 > 368.9	14656.166	13435.726	1.00	4.13	13.635	10.000	10.5	105.1	NO	3.408	NO
18	PFecHS	460.8 > 381.0	4819.575	13435.726	1.00	4.15	4.484	10.000	10.9	109.4	NO	0.929	NO
19	PFHpS	448.9 > 80.0	2078.319	3799.662	1.00	4.25	6.837	10.000	8.38	83.8	NO	1.825	NO
20	7:3 FTCA	441.0 > 337.0	2775.504	11944.183	1.00	4.55	2.905	10.000	10.5	105.0	NO	1.377	NO
61	13C3-PFHxS-EIS	401.8 > 79.9	3561.109		1.00	3.77	3561.109	12.500	13.6	108.9	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.9	1398.648		1.00	4.08	1398.648	12.500	9.86	78.9	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13435.726		1.00	4.13	13435.726	12.500	13.2	105.7	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13435.726		1.00	4.13	13435.726	12.500	13.2	105.7	NO		

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Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

71 13C8-PFOS-EIS	507.0 > 80	3799.662		1.00	4.65	3799.662	12.500	12.8	102.7	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	11944.183		1.00	4.56	11944.183	12.500	13.5	107.8	NO		
-1												
21 PFNA	463.0 > 418.8	12862.842	11944.183	1.00	4.57	13.461	10.000	11.0	109.8	NO	4.361	NO
22 PFOSA	498.0 > 78.0	3222.871	4029.315	1.00	4.61	9.998	10.000	10.9	108.5	NO	30.921	NO
23 L-PFOS	499 > 80	3462.952	3799.662	1.00	4.65	11.392	10.000	12.9	128.8	NO	2.472	NO
25 9Cl-PF30NS	531 > 351.0	9928.417	3799.662	1.00	4.87	32.662	10.000	12.0	120.2	NO	19.073	NO
26 PFDA	513 > 468.8	13460.173	10888.717	1.00	4.94	15.452	10.000	11.1	111.5	NO	5.199	NO
27 8:2 FTS	526.9 > 507.0	4420.706	2003.240	1.00	4.91	27.585	10.000	10.4	103.9	NO	1.771	NO
65 13C5-PFNA-EIS	468.2 > 422.9	11944.183		1.00	4.56	11944.183	12.500	13.5	107.8	NO		
67 13C8-PFOSA-EIS	506. > 78	4029.315		1.00	4.61	4029.315	12.500	14.3	114.6	NO		
71 13C8-PFOS-EIS	507.0 > 80	3799.662		1.00	4.65	3799.662	12.500	12.8	102.7	NO		
71 13C8-PFOS-EIS	507.0 > 80	3799.662		1.00	4.65	3799.662	12.500	12.8	102.7	NO		
73 13C2-PFDA-EIS	515.1 > 469.9	10888.717		1.00	4.94	10888.717	12.500	12.7	101.9	NO		
75 13C2-8:2 FTS-EIS	528.9 > 79.9	2003.240		1.00	4.91	2003.240	12.500	12.1	96.6	NO		
-1												
28 PFNS	549.0 > 79.9	3020.006	3799.662	1.00	5.00	9.935	10.000	11.7	116.6	NO	1.451	NO
29 L-MeFOSAA	570 > 419	7700.668	10377.957	1.00	5.09	9.275	10.000	11.3	112.9	NO	2.800	NO
31 L-EtFOSAA	583.6 > 418.9	5195.244	9156.562	1.00	5.25	7.092	10.000	9.56	95.6	NO	1.138	NO
33 PFUdA	563.0 > 518.9	14395.791	16243.877	1.00	5.26	11.078	10.000	12.6	125.7	NO	10.472	NO
34 PFDS	599.0 > 80.0	2499.019	3799.662	1.00	5.31	8.221	10.000	9.65	96.5	NO	1.390	NO
35 11Cl-PF30UdS	630.9 > 450.9	10416.529	21094.852	1.00	5.47	6.172	10.000	9.80	98.0	NO	27.463	NO
71 13C8-PFOS-EIS	507.0 > 80	3799.662		1.00	4.65	3799.662	12.500	12.8	102.7	NO		
77 d3-N-MeFOSAA-EIS	573. > 419	10377.957		1.00	5.09	10377.957	12.500	14.4	115.0	NO		
81 d5-N-EtFOSAA-EIS	589. > 419	9156.562		1.00	5.24	9156.562	12.500	13.1	104.8	NO		
79 13C2-PFUdA-EIS	565 > 519.8	16243.877		1.00	5.26	16243.877	12.500	11.7	93.8	NO		
71 13C8-PFOS-EIS	507.0 > 80	3799.662		1.00	4.65	3799.662	12.500	12.8	102.7	NO		
83 13C2-PFDoA-EIS	615 > 570	21094.852		1.00	5.54	21094.852	12.500	13.9	111.5	NO		
-1												
36 10:2 FTS	626.9 > 607	3922.145	1647.092	1.00	5.53	29.766	10.000	9.73	97.3	NO	1.472	NO
37 PFDoA	612.9 > 569.0	18449.023	21094.852	1.00	5.54	10.932	10.000	10.7	106.7	NO	8.384	NO
38 N-MeFOSA	512.1 > 168.9	4243.603	11627.293	1.00	5.54	54.453	50.000	49.7	99.3	NO	1.365	NO
39 PFTrDA	662.9 > 618.9	16855.670	21094.852	1.00	5.79	9.988	10.000	9.80	98.0	NO	9.303	NO
40 PFDoS	698.9 > 80	3394.045	13813.174	1.00	5.81	3.071	10.000	10.6	106.4	NO	1.653	NO
41 PFTeDA	713.0 > 669.0	15233.943	13813.174	1.00	6.00	13.786	10.000	11.0	110.0	NO	12.681	NO
85 13C2-10:2 FTS-EIS	633 > 79.9	1647.092		1.00	5.53	1647.092	12.500	12.3	98.6	NO		

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83	13C2-PFDoA-EIS	615 > 570	21094.852		1.00	5.54	21094.852	12.500	13.9	111.5	NO		
87	d3-N-MeFOSA-EIS	515.2 > 168.9	11627.293		1.00	5.57	11627.293	149.200	158	105.6	NO		
83	13C2-PFDoA-EIS	615 > 570	21094.852		1.00	5.54	21094.852	12.500	13.9	111.5	NO		
89	13C2-PFTeDA-EIS	715.1 > 669.7	13813.174		1.00	6.00	13813.174	12.500	12.8	102.8	NO		
89	13C2-PFTeDA-EIS	715.1 > 669.7	13813.174		1.00	6.00	13813.174	12.500	12.8	102.8	NO		
-1													
42	N-EtFOSA	526.1 > 168.9	5681.573	18217.533	1.00	5.98	46.532	50.000	52.0	104.0	NO	1.628	NO
43	PFHxDA	813.1 > 768.6	11024.055	22794.945	1.00	6.34	6.045	10.000	9.96	99.6	NO	30.745	NO
44	PFODA	913.1 > 868.8	13192.219	22794.945	1.00	6.57	7.234	10.000	10.2	101.6	NO		
45	N-MeFOSE	616.1 > 58.9	2750.159	8055.043	1.00	6.20	50.940	50.000	48.5	96.9	NO		
46	N-EtFOSE	630.1 > 58.9	3336.135	8345.235	1.00	6.35	59.645	50.000	50.8	101.6	NO		
48	13C3-PFBA-RSD	216.1 > 171.8	4528.340	5905.288	1.00	1.27	9.585	12.500	12.6	101.1	NO		
91	d5-N-ETFOSA-EIS	531.1 > 168.9	18217.533		1.00	5.99	18217.533	149.200	158	105.9	NO		
93	13C2-PFHxDA-EIS	815 > 769.7	22794.945		1.00	6.34	22794.945	12.500	14.1	112.9	NO		
93	13C2-PFHxDA-EIS	815 > 769.7	22794.945		1.00	6.34	22794.945	12.500	14.1	112.9	NO		
95	d7-N-MeFOSE-EIS	623.1 > 58.9	8055.043		1.00	6.19	8055.043	149.200	165	110.3	NO		
97	d9-N-EtFOSE-EIS	639.2 > 58.8	8345.235		1.00	6.34	8345.235	149.200	152	102.0	NO		
50	13C3-PFPeA-RSD	266.0 > 221.8	5278.254	10792.149	1.00	2.21	6.114	12.500	12.2	97.3	NO		
-1													
52	13C3-PFBS-RSD	302.0 > 99	1334.057	1787.673	1.00	2.49	9.328	12.500	12.9	103.5	NO		
54	13C3-HFPO-DA-RSD	287.0 > 168.9	940.759	10792.149	1.00	3.24	1.090	12.500	11.7	93.8	NO		
56	13C2-4:2 FTS-RSD	329.0 >79.9	2108.195	1787.673	1.00	2.93	14.741	12.500	12.3	98.1	NO		
58	13C2-PFHxA-RSD	315.0 > 270.0	10852.186	10792.149	1.00	3.02	12.570	12.500	12.9	102.9	NO		
60	13C4-PFHpA-RSD	367.2 > 321.8	6583.280	10792.149	1.00	3.63	7.625	12.500	12.5	100.2	NO		
62	13C3-PFHxS-RSD	401.8 > 79.9	3561.109	1787.673	1.00	3.77	24.900	12.500	12.9	102.9	NO		
64	13C2-6:2 FTS-RSD	429.0 >79.9	1398.648	3766.835	1.00	4.08	4.641	12.500	9.38	75.1	NO		
66	13C5-PFNA-RSD	468.2 > 422.9	11944.183	12640.062	1.00	4.56	11.812	12.500	12.4	99.6	NO		
68	13C8-PFOSA-RSD	506. > 78	4030.156	15571.848	1.00	4.61	3.235	12.500	16.7	133.4	NO		
70	13C2-PFOA-RSD	414.9 > 369.7	13440.596	17423.041	1.00	4.13	9.643	12.500	12.3	98.2	NO		
72	13C8-PFOS-RSD	507.0 > 80	3801.096	3766.835	1.00	4.65	12.614	12.500	12.0	96.3	NO		
74	13C2-PFDA-RSD	515.1 > 469.9	10899.556	13114.606	1.00	4.94	10.389	12.500	11.9	94.9	NO		
-1													
76	13C2-8:2 FTS-RSD	528.9 > 79.9	2003.240	3766.835	1.00	4.91	6.648	12.500	11.8	94.3	NO		
78	d3-N-MeFOSAA-RSD	573. > 419	10377.957	15571.848	1.00	5.09	8.331	12.500	15.8	126.7	NO		
80	13C2-PFUdA-RSD	565 > 519.8	16240.834	15571.848	1.00	5.26	13.037	12.500	12.7	101.7	NO		
82	d5-N-EtFOSAA-RSD	589. > 419	9156.562	15571.848	1.00	5.24	7.350	12.500	14.5	116.0	NO		

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Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

84	13C2-PFDoA-RSD	615 > 570	21097.393	13114.606	1.00	5.54	20.109	12.500	13.9	111.1	NO
86	13C2-10:2 FTS-RSD	633 > 79.9	1641.532	3766.835	1.00	5.53	5.447	12.500	11.6	92.8	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	11627.293	15571.848	1.00	5.57	9.334	149.200	180	120.8	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	13813.174	15571.848	1.00	6.00	11.088	12.500	13.7	109.9	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	18217.533	15571.848	1.00	5.99	14.624	149.200	180	120.3	NO
94	13C2-PFHxDA-RSD	815 > 769.7	22794.945	15571.848	1.00	6.34	18.298	12.500	15.2	121.4	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	8055.043	15571.848	1.00	6.19	6.466	149.200	184	123.4	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	8345.235	15571.848	1.00	6.34	6.699	149.200	171	114.6	NO
-1											
99	13C4-PFBA	217.0 > 172.0	5905.288	5905.288	1.00	1.27	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	10792.149	10792.149	1.00	3.02	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	17423.041	17423.041	1.00	4.13	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103.0	1787.673	1787.673	1.00	3.77	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	12640.062	12640.062	1.00	4.56	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 80.0	3766.835	3766.835	1.00	4.65	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	13114.606	13114.606	1.00	4.94	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	15571.848	15571.848	1.00	5.26	12.500	12.500	12.5	100.0	NO

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	200608M1_1	IPA	08-Jun-20	15:02:26
2	200608M1_2	IPA	08-Jun-20	15:12:59
3	200608M1_3	ST200608M1-1 PFC CS-2 20E2701	08-Jun-20	15:23:22
4	200608M1_4	ST200608M1-2 PFC CS-1 20E2702	08-Jun-20	15:33:52
5	200608M1_5	ST200608M1-3 PFC CS0 20F0201	08-Jun-20	15:44:16
6	200608M1_6	ST200608M1-4 PFC CS1 20E2704	08-Jun-20	15:54:42
7	200608M1_7	ST200608M1-5 PFC CS2 20E2705	08-Jun-20	16:05:06
8	200608M1_8	ST200608M1-6 PFC CS3 20E2706	08-Jun-20	16:15:32
9	200608M1_9	ST200608M1-7 PFC CS4 20F0303	08-Jun-20	16:25:54
10	200608M1_10	ST200608M1-8 PFC CS5 20E2708	08-Jun-20	16:36:19
11	200608M1_11	ICV200608M1-1 PFC ICV 20E2711	08-Jun-20	16:46:39
12	200608M1_12	ST200608M1-9 PFC CS6 20E2709	08-Jun-20	16:57:00
13	200608M1_13	IB	08-Jun-20	17:07:23
14	200608M1_14	ST200608M1-10 PFC CS7 20E2710	08-Jun-20	17:17:45
15	200608M1_15	IB	08-Jun-20	17:28:07
16	200608M1_16	B0F0014-BLK1 Method Blank 0.125	08-Jun-20	17:38:29
17	200608M1_17	B0F0014-BS1 OPR 0.125	08-Jun-20	17:48:51
18	200608M1_18	B0F0014-BSD1 LCSD 0.125	08-Jun-20	17:59:13
19	200608M1_19	2001185-01 Influent 0.11092	08-Jun-20	18:09:36
20	200608M1_20	2001185-02 Effluent 0.11143	08-Jun-20	18:19:58
21	200608M1_21	2001185-04 Front Street Landfill 0.11069	08-Jun-20	18:30:20
22	200608M1_22	2001185-05 Septic Receiving 0.08421	08-Jun-20	18:40:43
23	200608M1_23	B0F0025-BLK1 Method Blank 0.25	08-Jun-20	18:51:05
24	200608M1_24	B0F0025-BS1 OPR 0.25	08-Jun-20	19:01:27
25	200608M1_25	B0F0025-BSD1 LCSD 0.25	08-Jun-20	19:11:49
26	200608M1_26	2001193-01 REEPAC2610FS 0.116	08-Jun-20	19:22:12
27	200608M1_27	2001193-02 REEPACB2358FS 0.10782	08-Jun-20	19:32:33
28	200608M1_28	2001202-01@5X TS-LW02-20200603 0.25638	08-Jun-20	19:42:56
29	200608M1_29	2001202-02@5X TN-LW03-20200603 0.25316	08-Jun-20	19:53:18
30	200608M1_30	2001202-03@5X TN-LW04-20200604 0.24573	08-Jun-20	20:03:41
31	200608M1_31	B0F0021-BLK1 Method Blank 2	08-Jun-20	20:14:03
32	200608M1_32	B0F0021-BS1 OPR 2	08-Jun-20	20:24:25

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Compound name: PFBA

33	200608M1_33	2001121-02 GW4 (3'-5') 2.26	08-Jun-20	20:34:47
34	200608M1_34	IB	08-Jun-20	20:45:09
35	200608M1_35	ST200608M1-11 PFC CS3 20E2706	08-Jun-20	20:55:32
36	200608M1_36	IB	08-Jun-20	21:05:54
37	200608M1_37	2001121-04 GW1 (4'-5') 2.2	08-Jun-20	21:16:19
38	200608M1_38	2001121-06 GW3 (4'-5') 2.21	08-Jun-20	21:26:43
39	200608M1_39	2001121-08 GW2 (4'-5') 2.6	08-Jun-20	21:37:08
40	200608M1_40	2001121-10 GW7 (3'-4') 2.16	08-Jun-20	21:47:30
41	200608M1_41	2001121-11 GW 5 (0'-1') 2.16	08-Jun-20	21:57:53
42	200608M1_42	2001121-12 GW5 (4'-5') 2.22	08-Jun-20	22:08:15
43	200608M1_43	2001121-13 GW6 (0'-1') 2.2	08-Jun-20	22:18:37
44	200608M1_44	2001121-14 GW6 (4'-5') 2.39	08-Jun-20	22:29:02
45	200608M1_45	2001121-16 DUP (4'-5') 2.16	08-Jun-20	22:39:26
46	200608M1_46	B0F0034-BLK1 Method Blank 0.125	08-Jun-20	22:49:52
47	200608M1_47	B0F0034-BS1 OPR 0.125	08-Jun-20	23:00:16
48	200608M1_48	B0F0034-MS1 Matrix Spike 0.11453	08-Jun-20	23:10:42
49	200608M1_49	B0F0034-MSD1 Matrix Spike Dup 0.11208	08-Jun-20	23:21:08
50	200608M1_50	2001087-01RE1 SW-SW-LR 0.12767	08-Jun-20	23:31:33
51	200608M1_51	IB	08-Jun-20	23:41:55
52	200608M1_52	ST200608M1-12 PFC CS3 20E2706	08-Jun-20	23:52:17
53	200608M1_53	IB	09-Jun-20	00:02:39
54	200608M1_54	2001087-03RE1 SW-SW-111 0.1131	09-Jun-20	00:13:02
55	200608M1_55	2001087-05RE1 S-EB-Sediment 0.11783	09-Jun-20	00:23:24
56	200608M1_56	2001087-06RE1 DW-R-4ROD 0.1107	09-Jun-20	00:33:46
57	200608M1_57	2001087-07RE1 DW-EB-APPARATUS 0.11627	09-Jun-20	00:44:08
58	200608M1_58	2001087-08RE1 DW-R-10SMW 0.11323	09-Jun-20	00:54:31
59	200608M1_59	2001087-09RE1 DW-R-15BFL 0.11455	09-Jun-20	01:04:53
60	200608M1_60	2001087-10RE1 DW-R-5BFL 0.11365	09-Jun-20	01:15:15
61	200608M1_61	2001087-11RE1 DW-R-14PWC 0.11871	09-Jun-20	01:25:37
62	200608M1_62	2001087-12RE1 DW-R-3 0.11482	09-Jun-20	01:35:59
63	200608M1_63	2001087-13RE1 DW-R-3-DUP 0.11625	09-Jun-20	01:46:22
64	200608M1_64	IB	09-Jun-20	01:56:44
65	200608M1_65	ST200608M1-13 PFC CS3 20E2706	09-Jun-20	02:07:06
66	200608M1_66	IB	09-Jun-20	02:17:28
67	200608M1_67	B0F0036-BLK1 Method Blank 0.125	09-Jun-20	02:27:52
68	200608M1_68	B0F0036-BS1 OPR 0.125	09-Jun-20	02:38:18

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Last Altered: Tuesday, June 09, 2020 14:08:08 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:08:21 Pacific Daylight Time

Compound name: PFBA

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69	200608M1_69	B0F0036-MS1 Matrix Spike 0.11342	09-Jun-20	02:48:40
70	200608M1_70	B0F0036-MSD1 Matrix Spike Dup 0.11425	09-Jun-20	02:59:02
71	200608M1_71	2001090-03RE1 GW-AE-1A 0.11587	09-Jun-20	03:09:24
72	200608M1_72	2001090-04RE1 GW-AE-1B 0.11252	09-Jun-20	03:19:47
73	200608M1_73	2001090-05RE1 GW-MW-20D1 0.11487	09-Jun-20	03:30:09
74	200608M1_74	2001090-06RE1 GW-MW-20D1-DUP 0.11513	09-Jun-20	03:40:31
75	200608M1_75	2001090-07RE1 GW-MW-20D2 0.1123	09-Jun-20	03:50:53
76	200608M1_76	B0F0035-BLK1 Method Blank 0.125	09-Jun-20	04:01:16
77	200608M1_77	B0F0035-BS1 OPR 0.125	09-Jun-20	04:11:38
78	200608M1_78	2001100-01RE1 MW 101D 0.11644	09-Jun-20	04:22:00
79	200608M1_79	2001100-02RE1 MW-02E 0.11481	09-Jun-20	04:32:22
80	200608M1_80	IB	09-Jun-20	04:42:44
81	200608M1_81	ST200608M1-14 PFC CS3 20E2706	09-Jun-20	04:53:07
82	200608M1_82	IB	09-Jun-20	05:03:29
83	200608M1_83	SHARPIE QC	09-Jun-20	05:13:54
84	200608M1_84	IB	09-Jun-20	05:24:14

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

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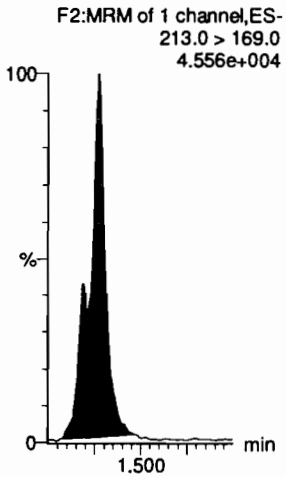
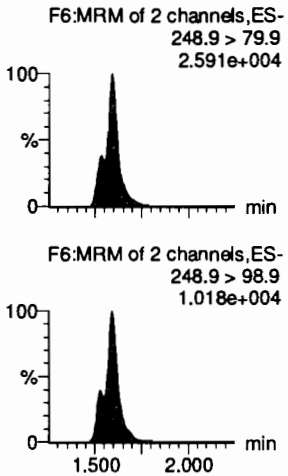
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

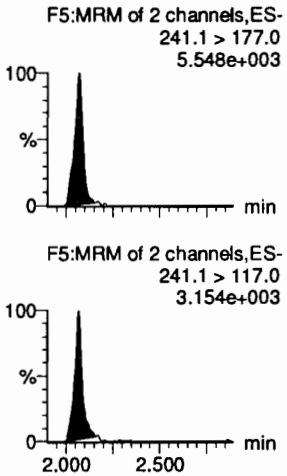
PFBA



PFPrS



3:3 FTCA



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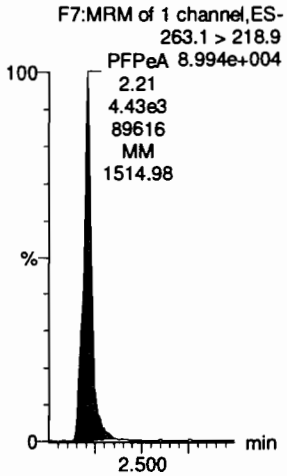

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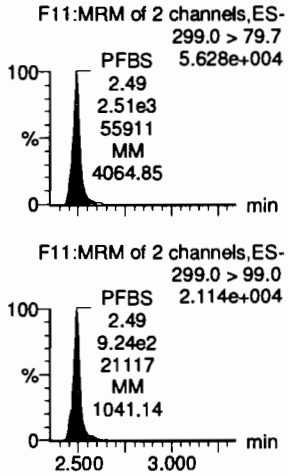
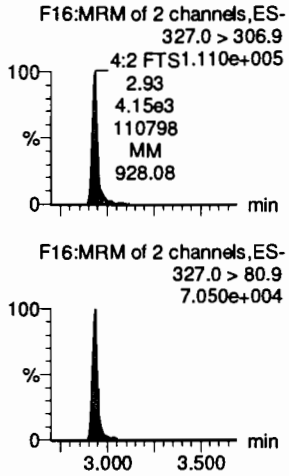


4:2 FTS



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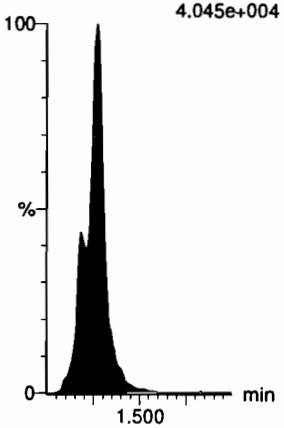

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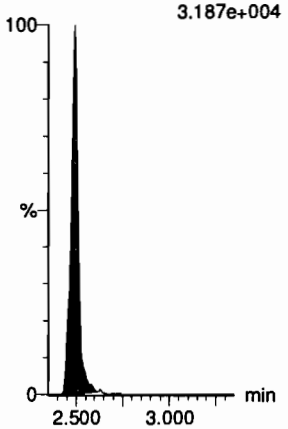

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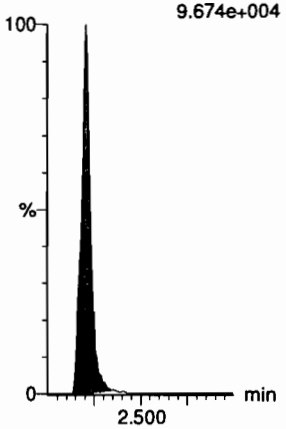

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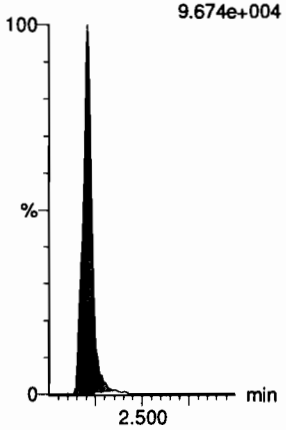

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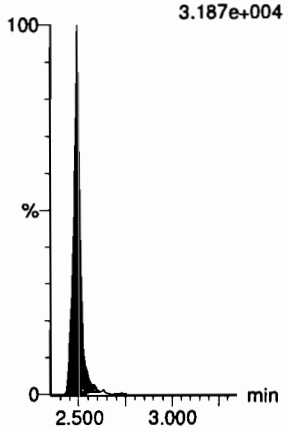

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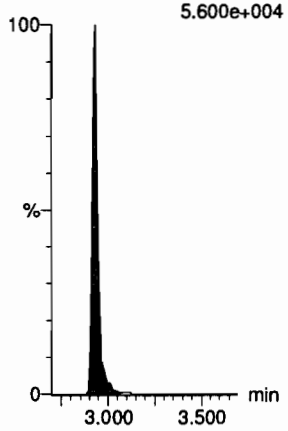

FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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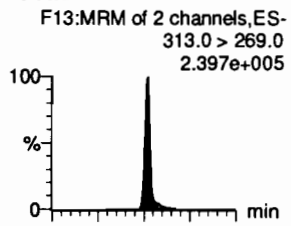
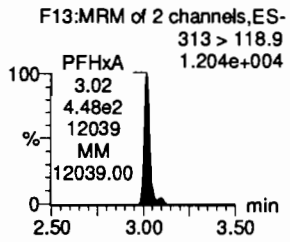
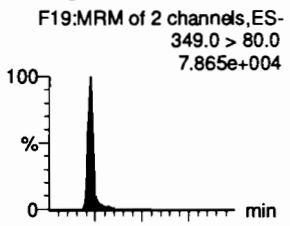
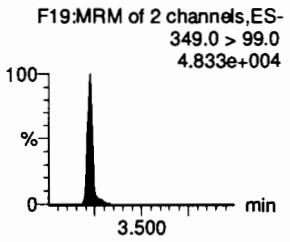


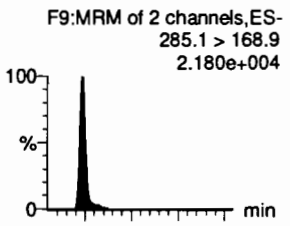


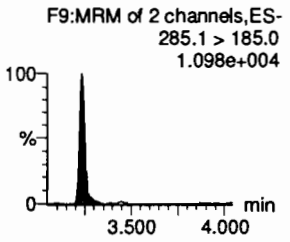
PFPeS



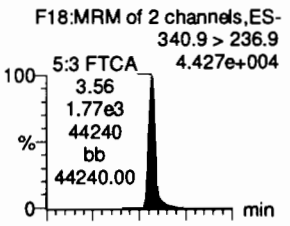


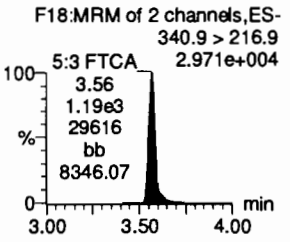
HFPO-DA





5:3 FTCA





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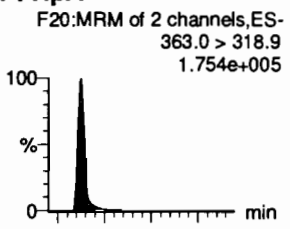

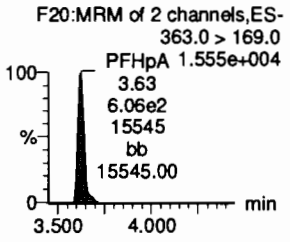

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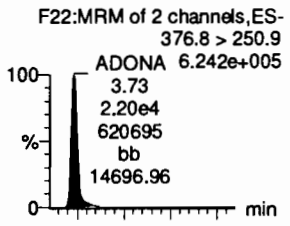
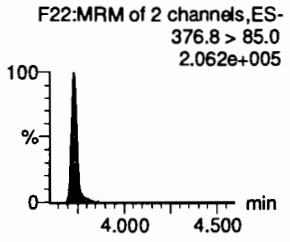
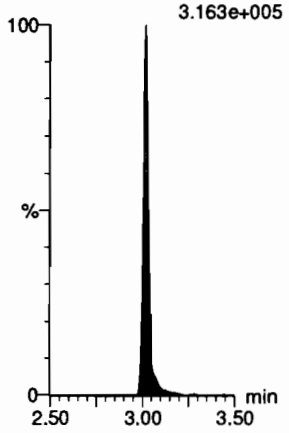




13C2-PFHxA-EIS



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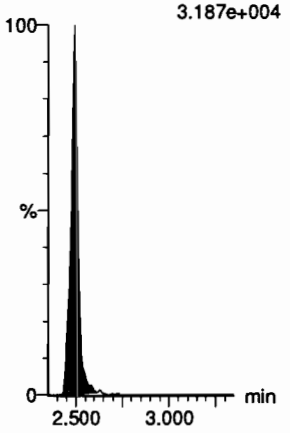
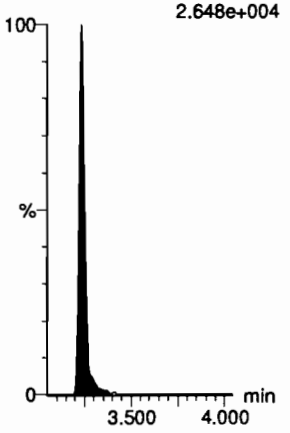


13C3-HFPO-DA-EIS



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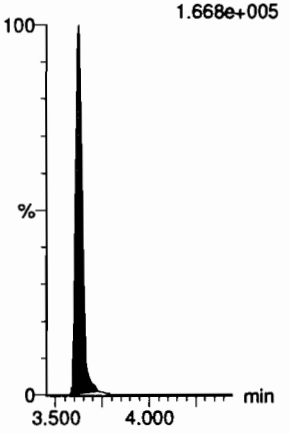

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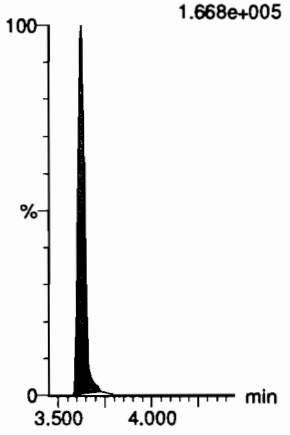

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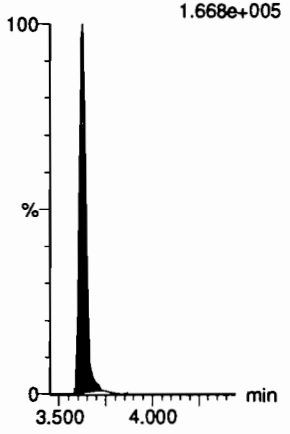

FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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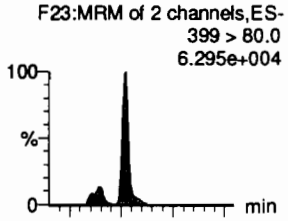
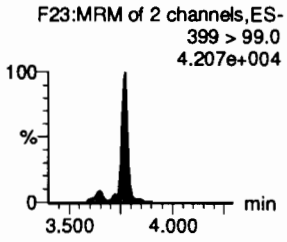
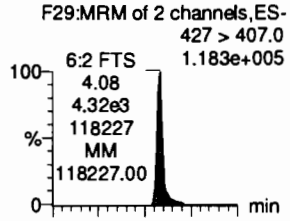
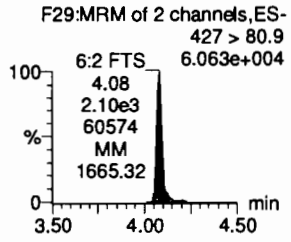




6:2 FTS





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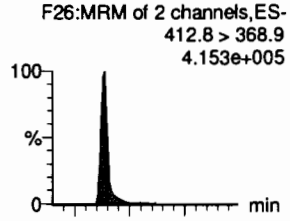

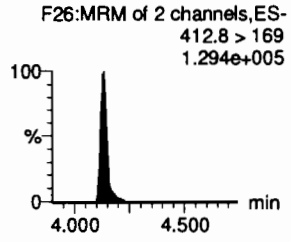

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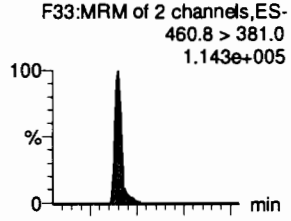

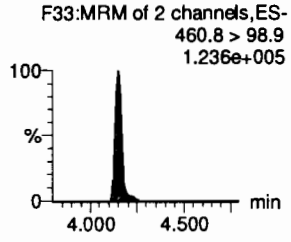

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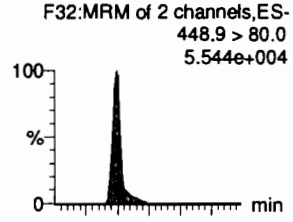
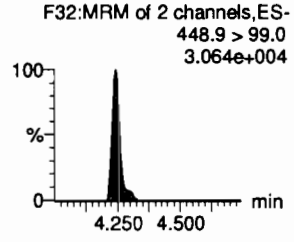
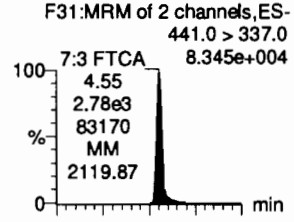
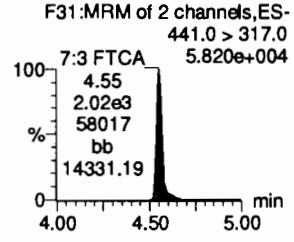


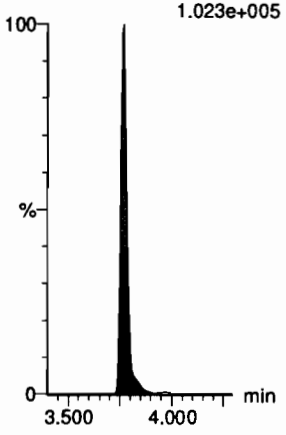


7:3 FTCA

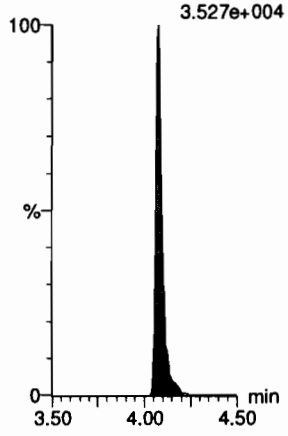




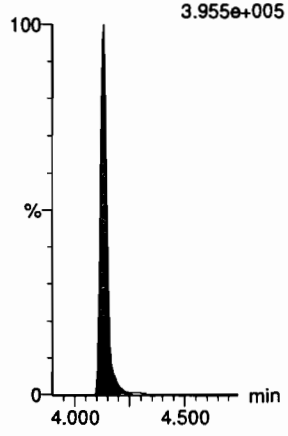
13C3-PFHxS-EIS



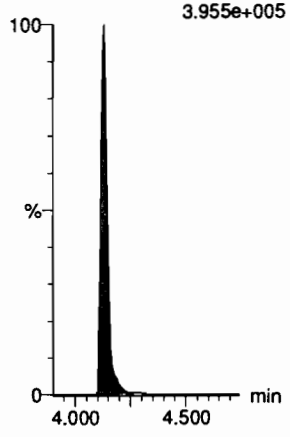
13C2-6:2 FTS-EIS



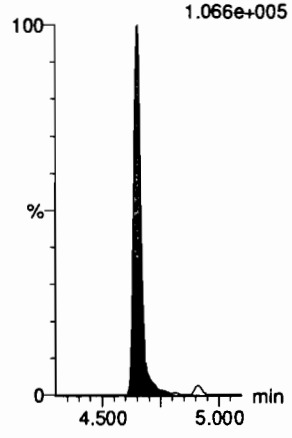
13C2-PFOA-EIS



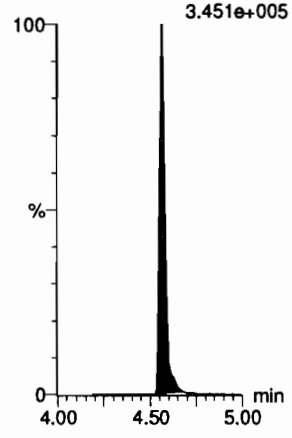
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

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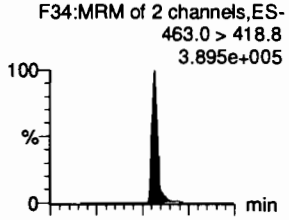

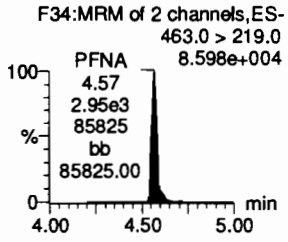

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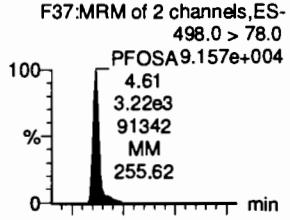
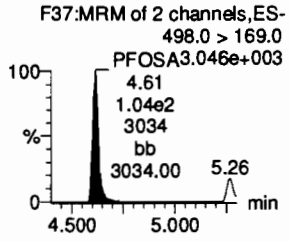
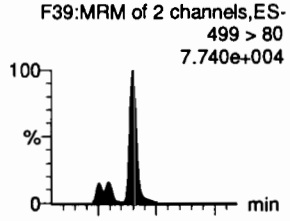
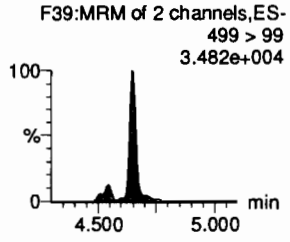


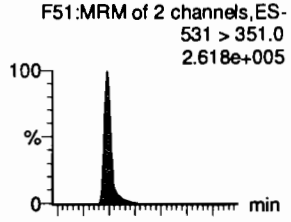


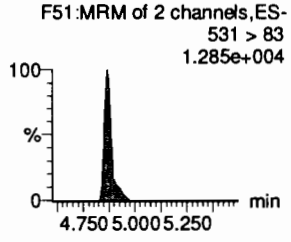
L-PFOS



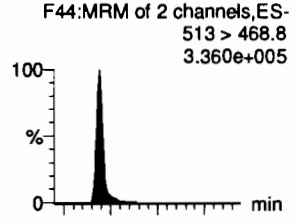


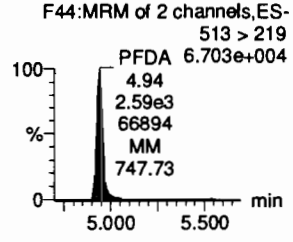
9Cl-PF30NS



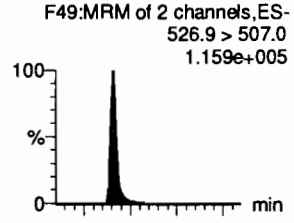


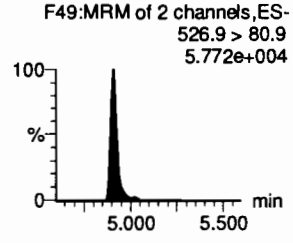
PFDA



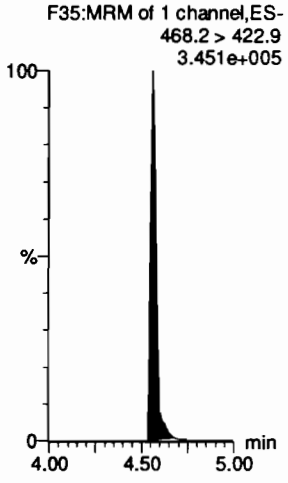


8:2 FTS

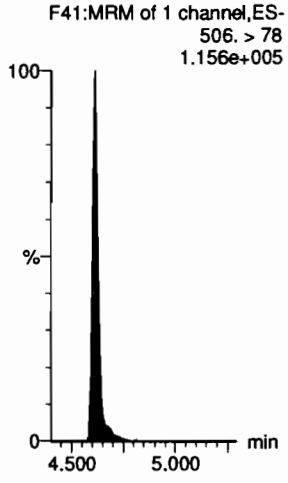




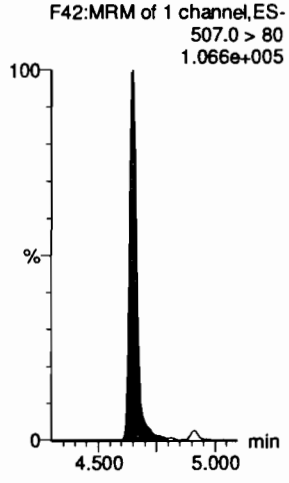
13C5-PFNA-EIS



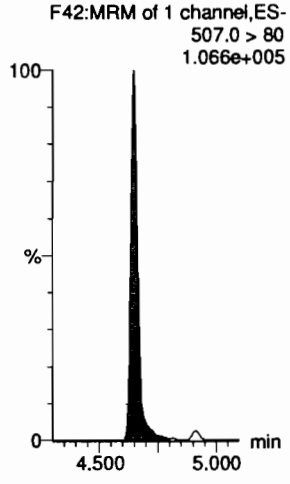
13C8-PFOSA-EIS



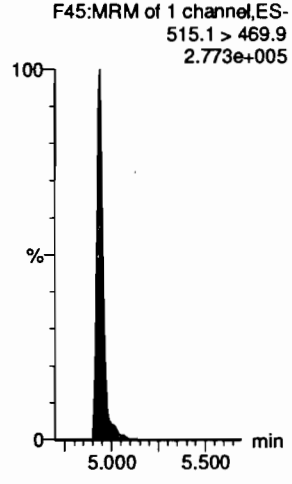
13C8-PFOS-EIS



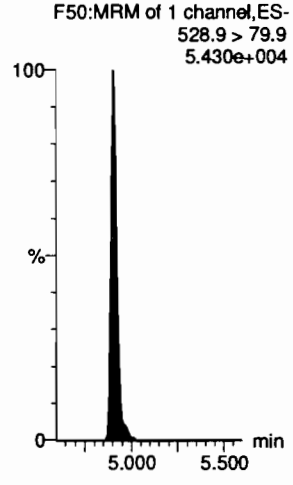
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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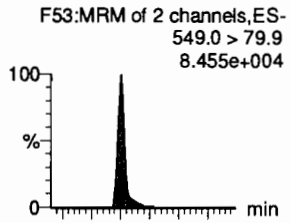
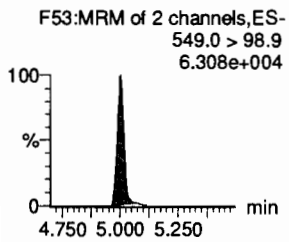
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNS





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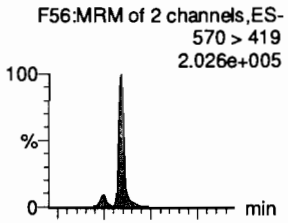

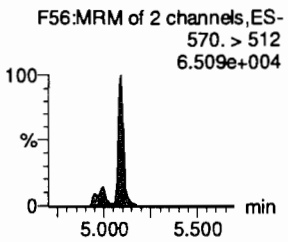

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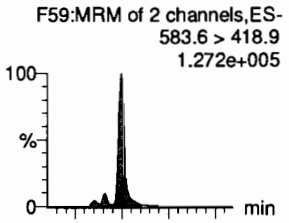
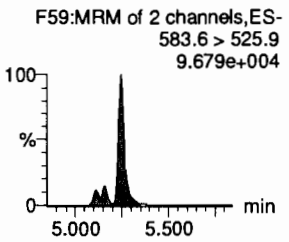
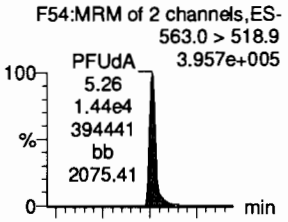
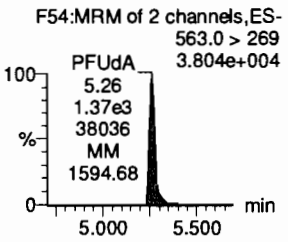


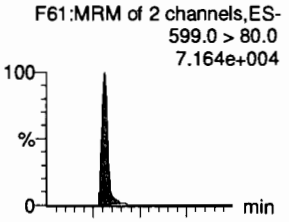


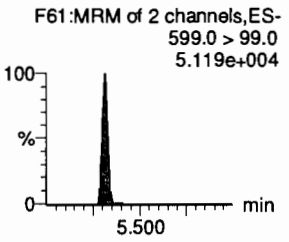
PFUdA



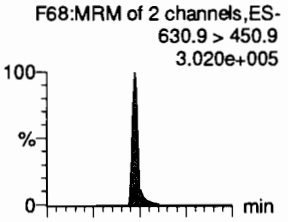


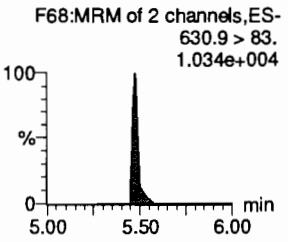
PFDS



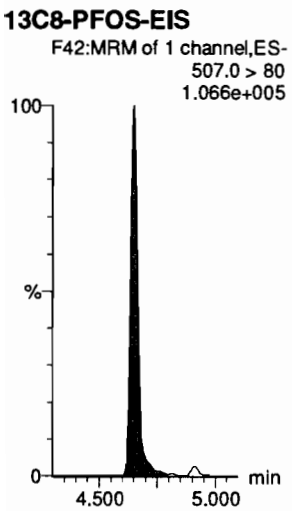


11Cl-PF30UdS

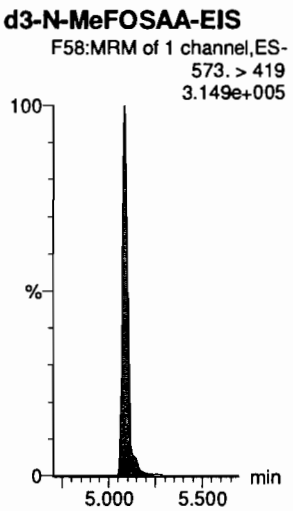




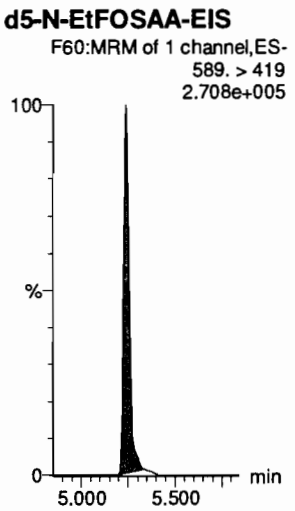
13C8-PFOS-EIS



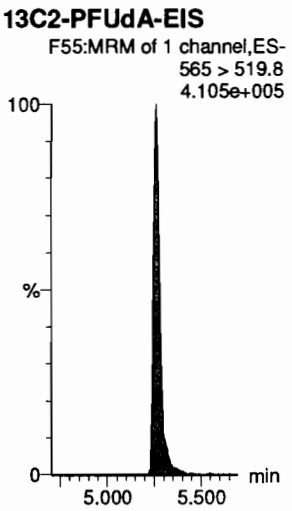
d3-N-MeFOSAA-EIS



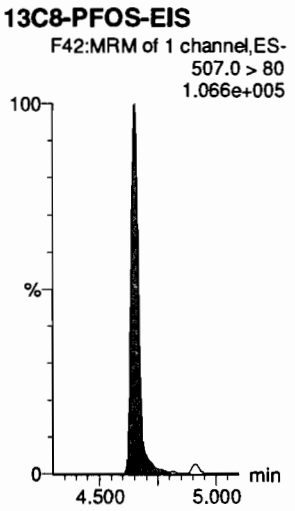
d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



13C8-PFOS-EIS



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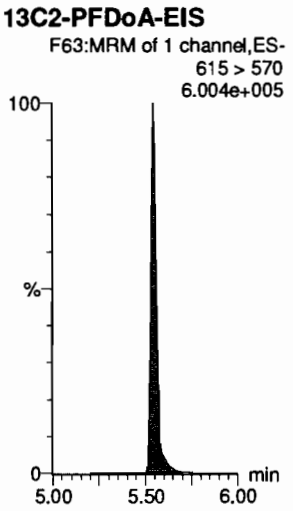

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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
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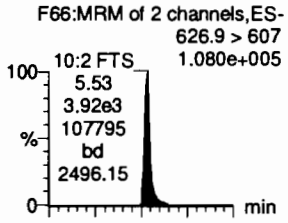
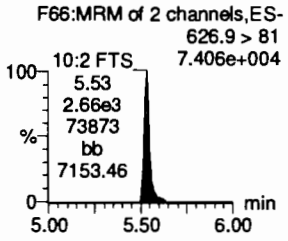
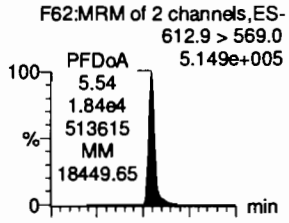
Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

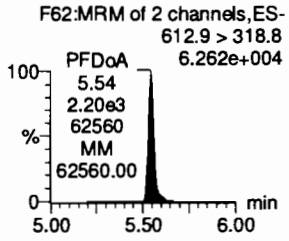
10:2 FTS



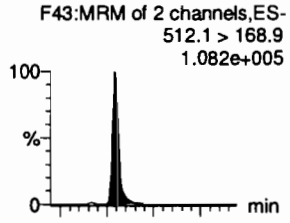


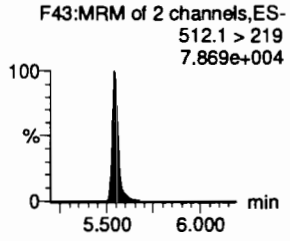
PFDoA





N-MeFOSA





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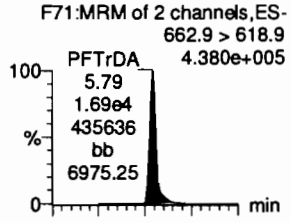
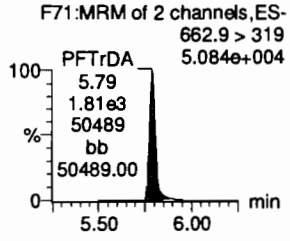
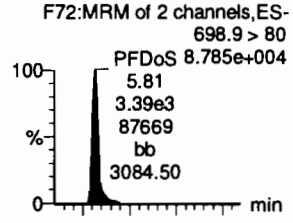
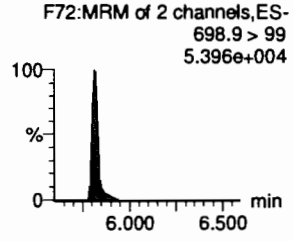


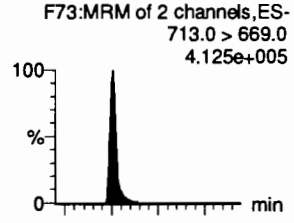


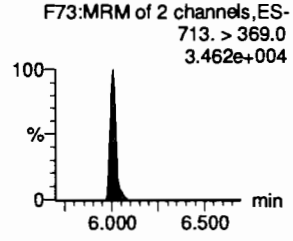
PFDoS



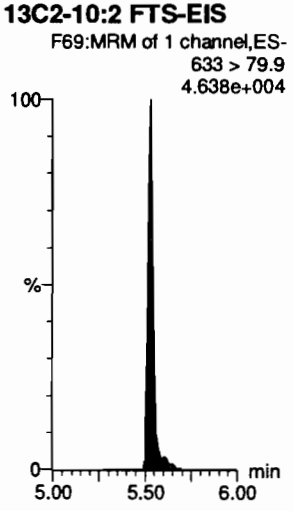


PFTeDA

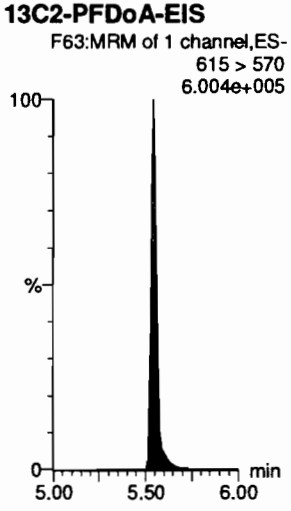




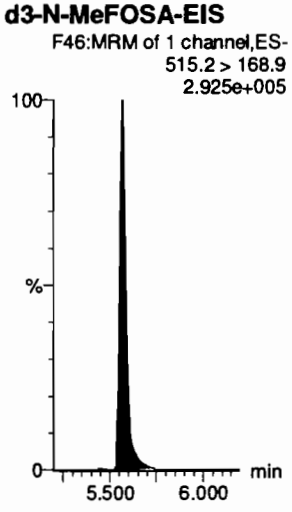
13C2-10:2 FTS-EIS



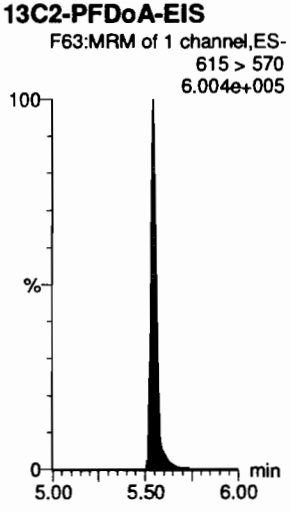
13C2-PFDoA-EIS



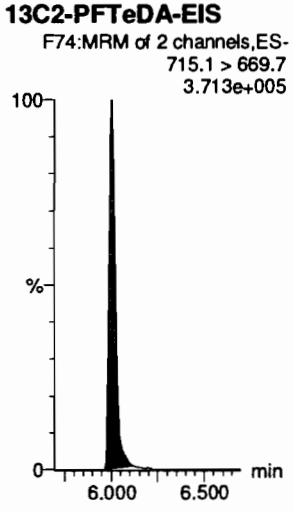
d3-N-MeFOSA-EIS



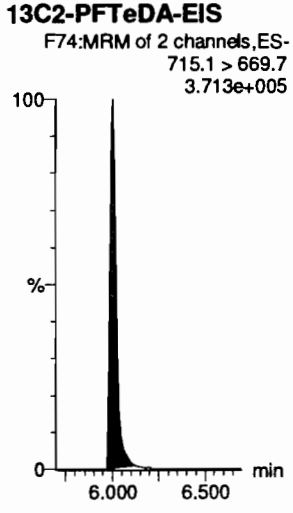
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
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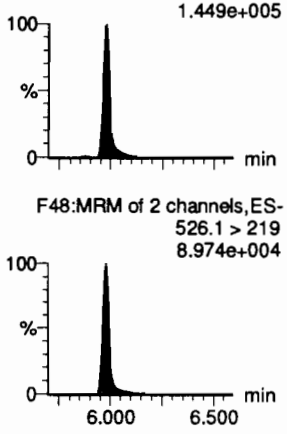
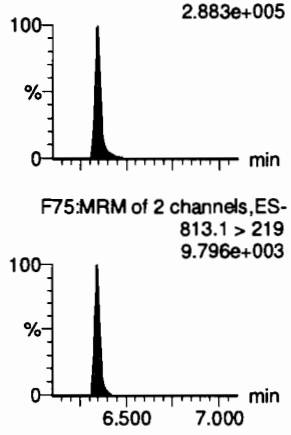
Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

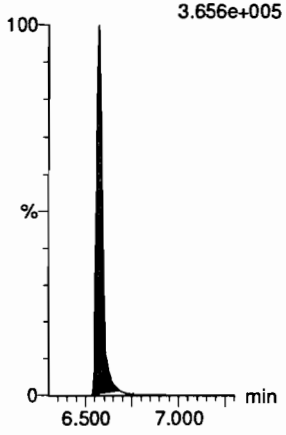
N-EtFOSA



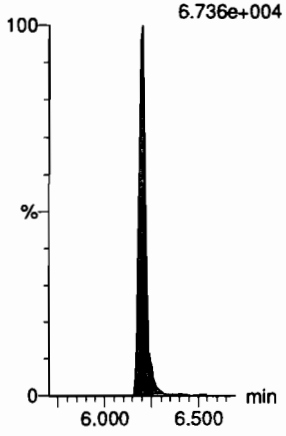
PFHxDA



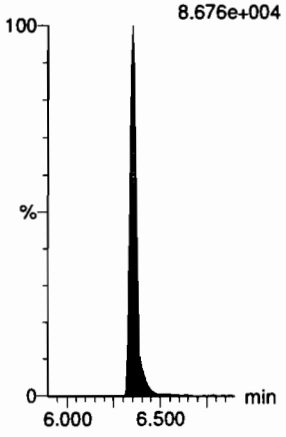
PFODA



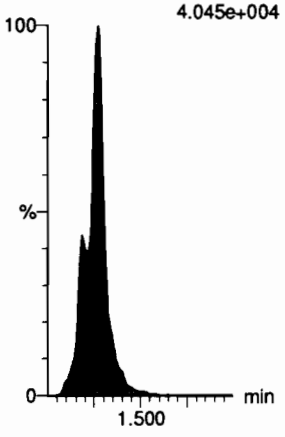
N-MeFOSE



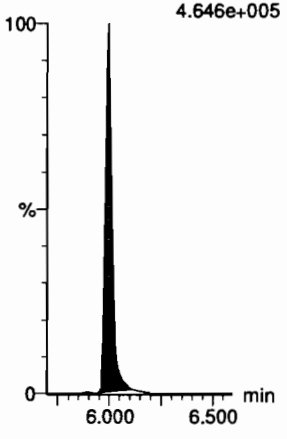
N-EtFOSE



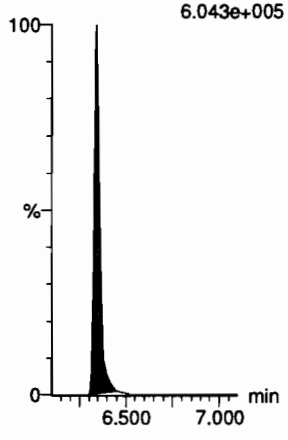
13C3-PFBA-RSD



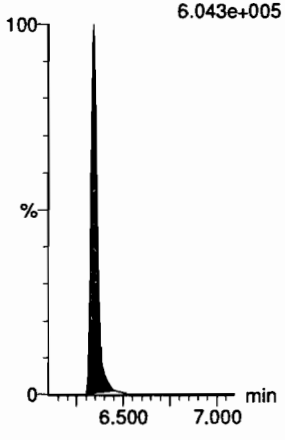
d5-N-ETFOSA-EIS



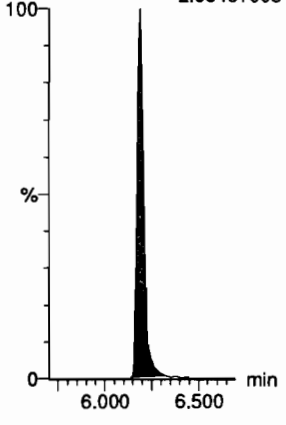
13C2-PFHxDA-EIS



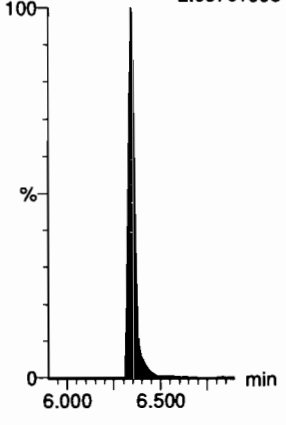
13C2-PFHxDA-EIS



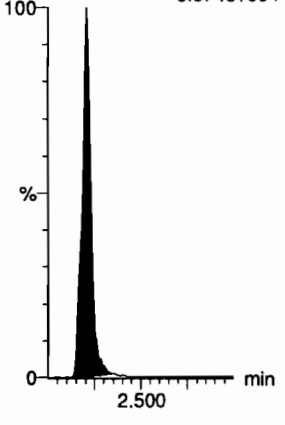
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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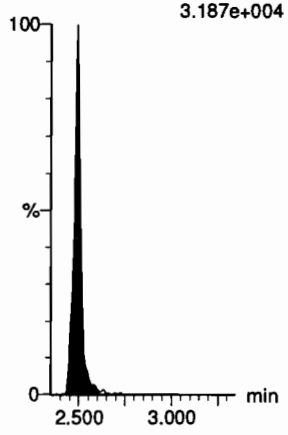
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

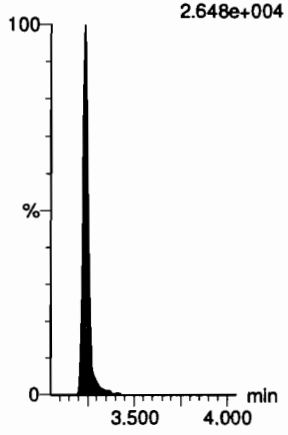
Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

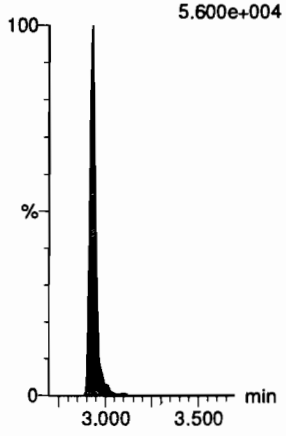
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.187e+004



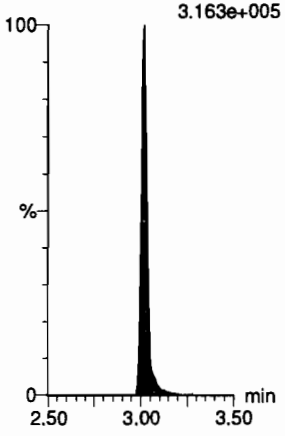
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.648e+004



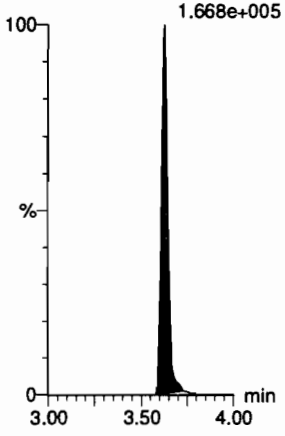
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.600e+004



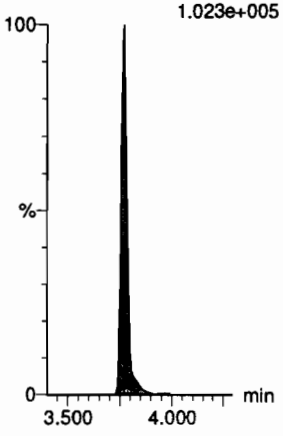
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.163e+005



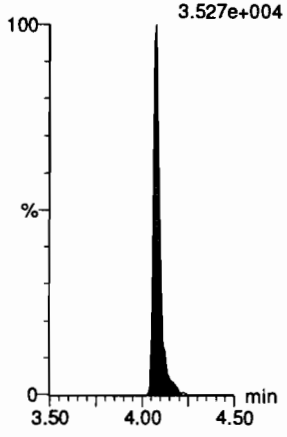
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.668e+005



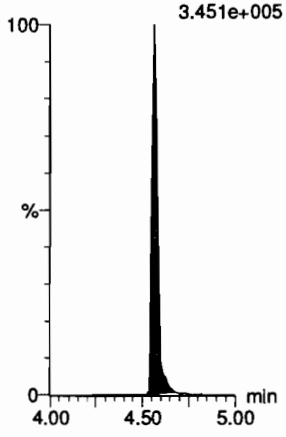
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.023e+005



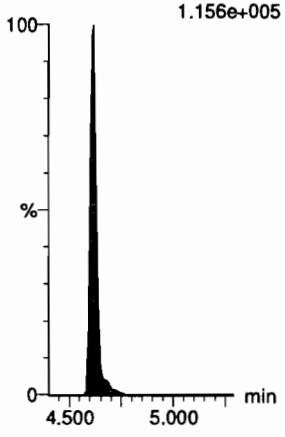
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.527e+004



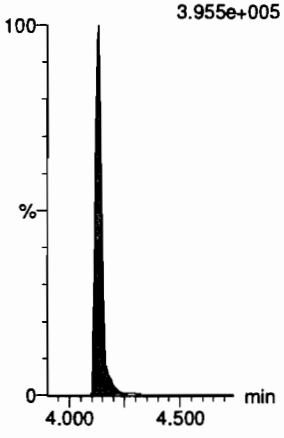
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.451e+005



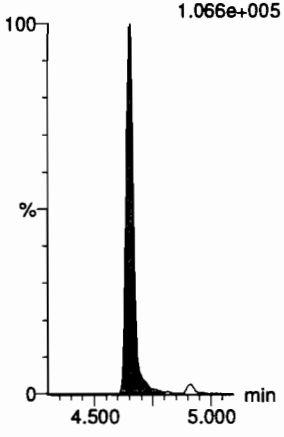
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.156e+005



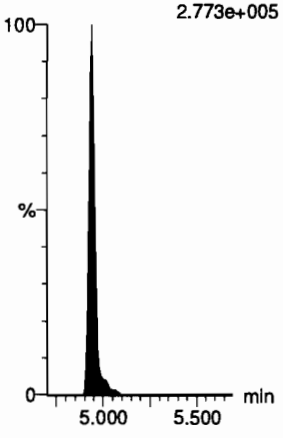
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.955e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.066e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.773e+005



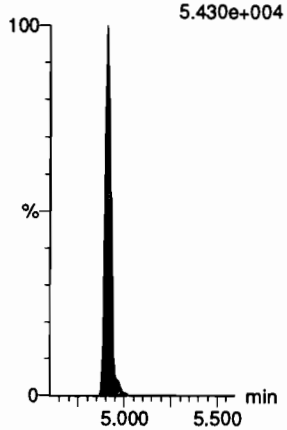
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

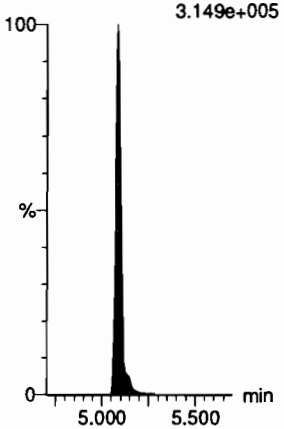
Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 13:52:47 Pacific Daylight Time

Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

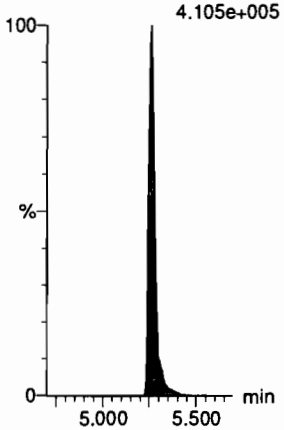
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
5.430e+004



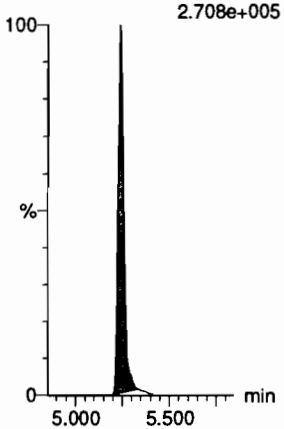
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
3.149e+005



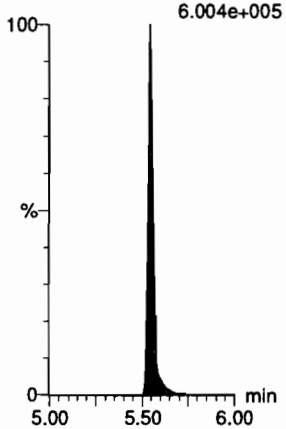
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.105e+005



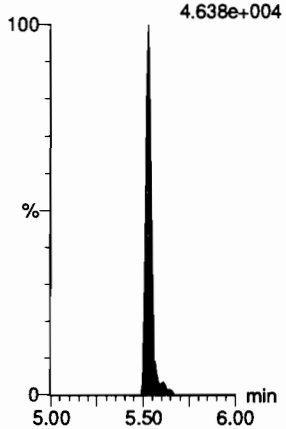
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.708e+005



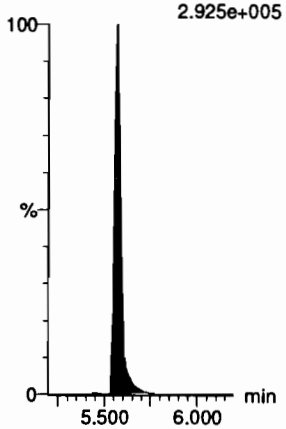
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
6.004e+005



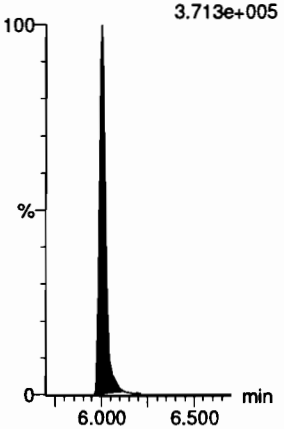
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.638e+004



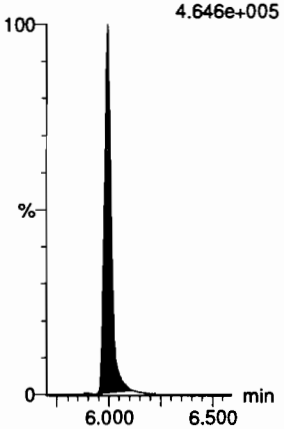
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.925e+005



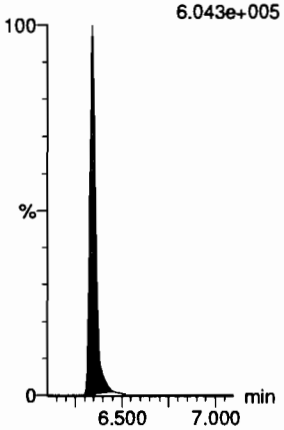
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.713e+005



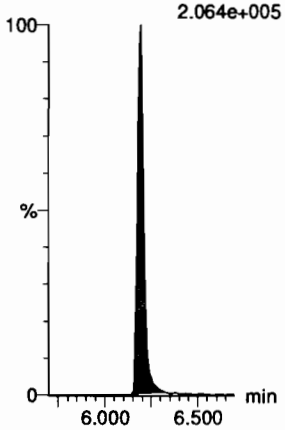
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.646e+005



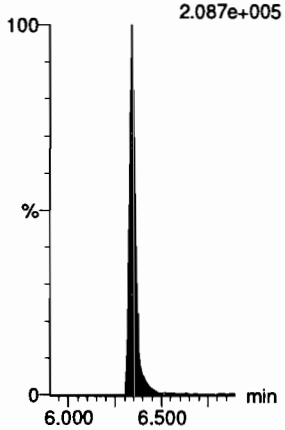
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.043e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.064e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.087e+005



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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-65.qld

Last Altered: Tuesday, June 09, 2020 13:52:10 Pacific Daylight Time
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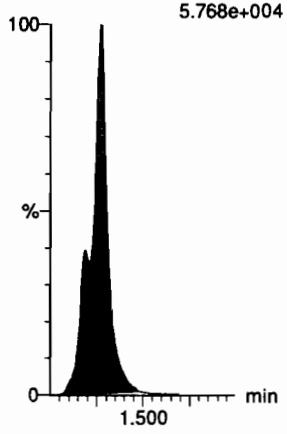
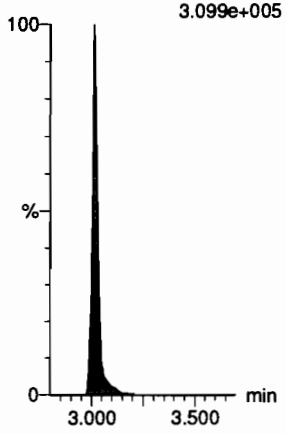
Name: 200608M1_65, Date: 09-Jun-2020, Time: 02:07:06, ID: ST200608M1-13 PFC CS3 20E2706, Description: PFC CS3 20E2706

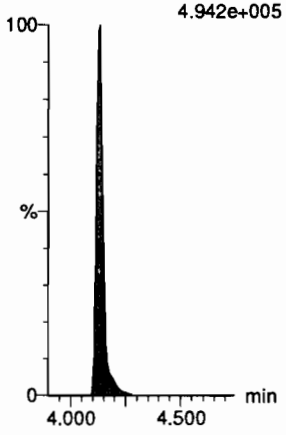
13C4-PFBA



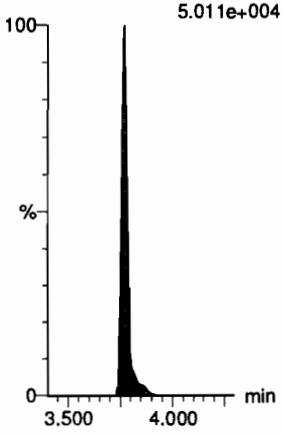
13C5-PFHxA



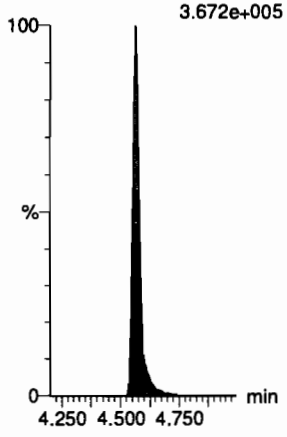
13C8-PFOA



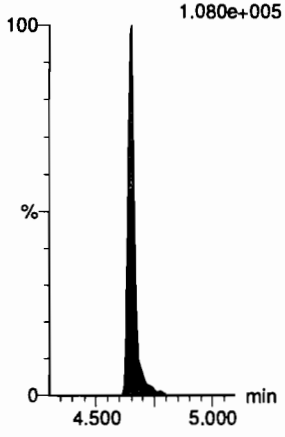
18O2-PFHxS



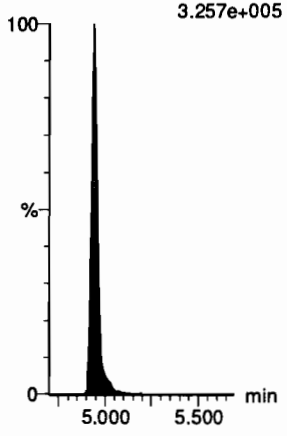
13C9-PFNA



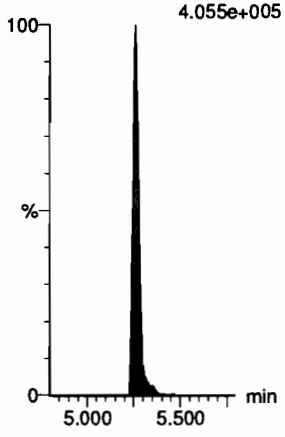
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

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Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

1	PFBA	213.0 > 169.0	4746.175	4538.427	1.00	1.27	13.072	10.000	10.8	108.2	NO		
2	PFPrS	248.9 > 79.9	2050.791	1403.735	1.00	1.59	18.262	10.000	10.0	100.4	NO	2.438	NO
3	3:3 FTCA	241.1 > 177.0	304.368	5670.084	1.00	2.07	0.671	10.000	10.8	108.3	NO	1.966	NO
4	PFPeA	263.1 > 218.9	4760.795	5670.084	1.00	2.21	10.495	10.000	11.2	111.8	NO		
5	PFBS	299.0 > 79.7	2561.158	1403.735	1.00	2.49	22.807	10.000	10.6	105.6	NO	2.878	NO
6	4:2 FTS	327.0 > 306.9	4243.552	2103.356	1.00	2.93	25.219	10.000	11.7	117.2	NO	1.837	NO
47	13C3-PFBA-EIS	216.1 > 171.8	4538.427		1.00	1.27	4538.427	12.500	13.2	105.9	NO		
51	13C3-PFBS-EIS	302.0 > 99	1403.735		1.00	2.49	1403.735	12.500	14.8	118.2	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	5670.084		1.00	2.21	5670.084	12.500	14.2	113.7	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	5670.084		1.00	2.21	5670.084	12.500	14.2	113.7	NO		
51	13C3-PFBS-EIS	302.0 > 99	1403.735		1.00	2.49	1403.735	12.500	14.8	118.2	NO		
55	13C2-4:2 FTS-EIS	329.0 >79.9	2103.356		1.00	2.93	2103.356	12.500	13.5	107.7	NO		
-1													
7	PFHxA	313.0 > 269.0	8986.631	11048.312	1.00	3.02	10.167	10.000	10.7	107.0	NO	16.790	NO
8	PFPeS	349.0 > 80.0	2746.711	1403.735	1.00	3.22	24.459	10.000	10.3	102.7	NO	1.727	NO
9	HFPO-DA	285.1 > 168.9	818.679	1044.939	1.00	3.24	9.793	10.000	10.2	102.3	NO	2.127	NO
10	5:3 FTCA	340.9 > 236.9	1710.708	6599.836	1.00	3.56	3.240	10.000	9.73	97.3	NO	1.440	NO
11	PFHpA	363.0 > 318.9	6726.314	6599.836	1.00	3.63	12.740	10.000	9.68	96.8	NO	15.139	NO
12	ADONA	376.8 > 250.9	23288.729	6599.836	1.00	3.73	44.109	10.000	10.2	101.7	NO	3.320	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	11048.312		1.00	3.01	11048.312	12.500	15.1	120.7	NO		
51	13C3-PFBS-EIS	302.0 > 99	1403.735		1.00	2.49	1403.735	12.500	14.8	118.2	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	1044.939		1.00	3.24	1044.939	12.500	14.2	113.6	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	6599.836		1.00	3.62	6599.836	12.500	13.8	110.4	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	6599.836		1.00	3.62	6599.836	12.500	13.8	110.4	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	6599.836		1.00	3.62	6599.836	12.500	13.8	110.4	NO		
-1													
13	L-PFHxS	399 > 80.0	2931.987	3670.514	1.00	3.77	9.985	10.000	9.74	97.4	NO	1.512	NO
15	6:2 FTS	427 > 407.0	4220.371	1977.030	1.00	4.08	26.684	10.000	9.54	95.4	NO	1.803	NO
16	L-PFOA	412.8 > 368.9	16311.354	13855.341	1.00	4.13	14.716	10.000	11.3	113.5	NO	3.945	NO
18	PFecHS	460.8 > 381.0	5085.549	13855.341	1.00	4.15	4.588	10.000	11.2	111.9	NO	1.079	NO
19	PFHpS	448.9 > 80.0	2807.664	3911.637	1.00	4.25	8.972	10.000	11.2	111.8	NO	2.060	NO
20	7:3 FTCA	441.0 > 337.0	2947.297	11319.164	1.00	4.55	3.255	10.000	11.7	117.3	NO	1.513	NO
61	13C3-PFHxS-EIS	401.8 > 79.9	3670.514		1.00	3.77	3670.514	12.500	14.0	112.2	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.9	1977.030		1.00	4.08	1977.030	12.500	13.9	111.5	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13855.341		1.00	4.13	13855.341	12.500	13.6	109.0	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	13855.341		1.00	4.13	13855.341	12.500	13.6	109.0	NO		

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Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

71 13C8-PFOS-EIS	507.0 > 80	3911.637		1.00	4.65	3911.637	12.500	13.2	105.7	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	11319.164		1.00	4.56	11319.164	12.500	12.8	102.1	NO		
-1												
21 PFNA	463.0 > 418.8	12528.005	11319.164	1.00	4.57	13.835	10.000	11.3	112.8	NO	4.905	NO
22 PFOSA	498.0 > 78.0	3246.677	3725.651	1.00	4.61	10.893	10.000	11.8	118.4	NO	36.300	NO
23 L-PFOS	499 > 80	3291.776	3911.637	1.00	4.65	10.519	10.000	11.9	119.2	NO	1.896	NO
25 9Cl-PF30NS	531 > 351.0	9669.626	3911.637	1.00	4.87	30.900	10.000	11.4	113.9	NO	24.664	NO
26 PFDA	513 > 468.8	15634.625	13092.832	1.00	4.94	14.927	10.000	10.8	107.7	NO	5.291	NO
27 8:2 FTS	526.9 > 507.0	3791.977	1829.170	1.00	4.91	25.913	10.000	9.72	97.2	NO	1.831	NO
65 13C5-PFNA-EIS	468.2 > 422.9	11319.164		1.00	4.56	11319.164	12.500	12.8	102.1	NO		
67 13C8-PFOSA-EIS	506. > 78	3725.651		1.00	4.61	3725.651	12.500	13.2	106.0	NO		
71 13C8-PFOS-EIS	507.0 > 80	3911.637		1.00	4.65	3911.637	12.500	13.2	105.7	NO		
71 13C8-PFOS-EIS	507.0 > 80	3911.637		1.00	4.65	3911.637	12.500	13.2	105.7	NO		
73 13C2-PFDA-EIS	515.1 > 469.9	13092.832		1.00	4.94	13092.832	12.500	15.3	122.6	NO		
75 13C2-8:2 FTS-EIS	528.9 > 79.9	1829.170		1.00	4.91	1829.170	12.500	11.0	88.2	NO		
-1												
28 PFNS	549.0 > 79.9	2904.646	3911.637	1.00	5.00	9.282	10.000	10.9	109.1	NO	1.622	NO
29 L-MeFOSAA	570 > 419	7620.125	9253.010	1.00	5.09	10.294	10.000	12.5	125.2	NO	2.691	NO
31 L-EtFOSAA	583.6 > 418.9	5295.955	9060.090	1.00	5.25	7.307	10.000	9.85	98.5	NO	1.086	NO
33 PFUdA	563.0 > 518.9	14314.421	16152.608	1.00	5.26	11.077	10.000	12.6	125.7	NO	11.049	NO
34 PFDS	599.0 > 80.0	2612.819	3911.637	1.00	5.31	8.350	10.000	9.81	98.1	NO	1.353	NO
35 11Cl-PF30UdS	630.9 > 450.9	11162.232	17749.006	1.00	5.47	7.861	10.000	12.5	125.2	NO	29.595	NO
71 13C8-PFOS-EIS	507.0 > 80	3911.637		1.00	4.65	3911.637	12.500	13.2	105.7	NO		
77 d3-N-MeFOSAA-EIS	573. > 419	9253.010		1.00	5.09	9253.010	12.500	12.8	102.6	NO		
81 d5-N-EtFOSAA-EIS	589. > 419	9060.090		1.00	5.24	9060.090	12.500	13.0	103.7	NO		
79 13C2-PFUdA-EIS	565 > 519.8	16152.608		1.00	5.26	16152.608	12.500	11.7	93.2	NO		
71 13C8-PFOS-EIS	507.0 > 80	3911.637		1.00	4.65	3911.637	12.500	13.2	105.7	NO		
83 13C2-PFDoA-EIS	615 > 570	17749.006		1.00	5.54	17749.006	12.500	11.7	93.8	NO		
-1												
36 10:2 FTS	626.9 > 607	3828.406	1478.119	1.00	5.53	32.376	10.000	10.6	106.5	NO	1.570	NO
37 PFDoA	612.9 > 569.0	15906.321	17749.006	1.00	5.54	11.202	10.000	10.9	109.4	NO	7.393	NO
38 N-MeFOSA	512.1 > 168.9	4489.939	11913.692	1.00	5.54	56.229	50.000	51.3	102.5	NO	1.475	NO
39 PFTrDA	662.9 > 618.9	17493.277	17749.006	1.00	5.79	12.320	10.000	12.1	121.2	NO	9.977	NO
40 PFDoS	698.9 > 80	3246.927	14754.447	1.00	5.81	2.751	10.000	9.51	95.1	NO	1.974	NO
41 PFTeDA	713.0 > 669.0	15109.655	14754.447	1.00	6.00	12.801	10.000	10.2	102.0	NO	10.739	NO
85 13C2-10:2 FTS-EIS	633 > 79.9	1478.119		1.00	5.53	1478.119	12.500	11.1	88.5	NO		

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Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

83 13C2-PFDoA-EIS	615 > 570	17749.006		1.00	5.54	17749.006	12.500	11.7	93.8	NO		
87 d3-N-MeFOSA-EIS	515.2 > 168.9	11913.692		1.00	5.57	11913.692	149.200	161	108.2	NO		
83 13C2-PFDoA-EIS	615 > 570	17749.006		1.00	5.54	17749.006	12.500	11.7	93.8	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	14754.447		1.00	6.00	14754.447	12.500	13.7	109.8	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	14754.447		1.00	6.00	14754.447	12.500	13.7	109.8	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	5808.648	18983.824	1.00	5.98	45.652	50.000	51.0	102.1	NO	1.482	NO
43 PFHxDA	813.1 > 768.6	11211.848	23146.113	1.00	6.34	6.055	10.000	9.97	99.7	NO	33.657	NO
44 PFODA	913.1 > 868.8	13992.868	23146.113	1.00	6.57	7.557	10.000	10.6	106.1	NO		
45 N-MeFOSE	616.1 > 58.9	2607.188	8209.746	1.00	6.20	47.382	50.000	45.1	90.1	NO		
46 N-EtFOSE	630.1 > 58.9	3211.507	9209.632	1.00	6.35	52.028	50.000	44.3	88.6	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	4581.262	6081.670	1.00	1.27	9.416	12.500	12.4	99.3	NO		
91 d5-N-ETFOSA-EIS	531.1 > 168.9	18983.824		1.00	5.99	18983.824	149.200	165	110.4	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	23146.113		1.00	6.34	23146.113	12.500	14.3	114.6	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	23146.113		1.00	6.34	23146.113	12.500	14.3	114.6	NO		
95 d7-N-MeFOSE-EIS	623.1 > 58.9	8209.746		1.00	6.19	8209.746	149.200	168	112.5	NO		
97 d9-N-EtFOSE-EIS	639.2 > 58.8	9209.632		1.00	6.34	9209.632	149.200	168	112.6	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	5674.331	11159.504	1.00	2.21	6.356	12.500	12.6	101.1	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 99	1414.614	1720.067	1.00	2.49	10.280	12.500	14.3	114.1	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	1044.939	11159.504	1.00	3.24	1.170	12.500	12.6	100.7	NO		
56 13C2-4:2 FTS-RSD	329.0 >79.9	2100.705	1720.067	1.00	2.93	15.266	12.500	12.7	101.6	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	11048.055	11159.504	1.00	3.01	12.375	12.500	12.7	101.3	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	6593.365	11159.504	1.00	3.62	7.385	12.500	12.1	97.0	NO		
62 13C3-PFHxS-RSD	401.8 > 79.9	3670.781	1720.067	1.00	3.77	26.676	12.500	13.8	110.2	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.9	1979.904	3780.541	1.00	4.08	6.546	12.500	13.2	105.9	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	11319.164	12443.232	1.00	4.56	11.371	12.500	12.0	95.9	NO		
68 13C8-PFOSA-RSD	506. > 78	3720.846	21711.236	1.00	4.61	2.142	12.500	11.0	88.3	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	13855.341	18409.127	1.00	4.13	9.408	12.500	12.0	95.8	NO		
72 13C8-PFOS-RSD	507.0 > 80	3911.637	3780.541	1.00	4.65	12.933	12.500	12.3	98.7	NO		
74 13C2-PFDA-RSD	515.1 > 469.9	13084.827	15504.826	1.00	4.94	10.549	12.500	12.0	96.4	NO		
-1												
76 13C2-8:2 FTS-RSD	528.9 > 79.9	1829.170	3780.541	1.00	4.91	6.048	12.500	10.7	85.7	NO		
78 d3-N-MeFOSAA-RSD	573. > 419	9253.010	21711.236	1.00	5.09	5.327	12.500	10.1	81.0	NO		
80 13C2-PFUdA-RSD	565 > 519.8	16152.608	21711.236	1.00	5.26	9.300	12.500	9.07	72.5	NO		
82 d5-N-EtFOSAA-RSD	589. > 419	9060.090	21711.236	1.00	5.24	5.216	12.500	10.3	82.3	NO		

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Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

	Name	Trace	Area	ISArea		RT					
84	13C2-PFDoA-RSD	615 > 570	17749.006	15504.826	1.00	5.54	14.309	12.500	9.88	79.0	NO
86	13C2-10:2 FTS-RSD	633 > 79.9	1477.737	3780.541	1.00	5.53	4.886	12.500	10.4	83.2	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	11913.692	21711.236	1.00	5.57	6.859	149.200	132	88.7	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	14754.447	21711.236	1.00	6.00	8.495	12.500	10.5	84.2	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	18983.824	21711.236	1.00	5.99	10.930	149.200	134	89.9	NO
94	13C2-PFHxDA-RSD	815 > 769.7	23146.113	21711.236	1.00	6.34	13.326	12.500	11.1	88.4	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	8208.421	21711.236	1.00	6.19	4.726	149.200	135	90.2	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	9209.632	21711.236	1.00	6.34	5.302	149.200	135	90.7	NO
-1											
99	13C4-PFBA	217.0 > 172.0	6081.670	6081.670	1.00	1.27	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	11159.504	11159.504	1.00	3.02	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	18409.127	18409.127	1.00	4.13	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103.0	1720.067	1720.067	1.00	3.77	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	12443.232	12443.232	1.00	4.56	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 80.0	3780.541	3780.541	1.00	4.65	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	15504.826	15504.826	1.00	4.94	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	21711.236	21711.236	1.00	5.26	12.500	12.500	12.5	100.0	NO

FBR 6/9/2020

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Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:08:08 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:08:21 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	200608M1_1	IPA	08-Jun-20	15:02:26
2	200608M1_2	IPA	08-Jun-20	15:12:59
3	200608M1_3	ST200608M1-1 PFC CS-2 20E2701	08-Jun-20	15:23:22
4	200608M1_4	ST200608M1-2 PFC CS-1 20E2702	08-Jun-20	15:33:52
5	200608M1_5	ST200608M1-3 PFC CS0 20F0201	08-Jun-20	15:44:16
6	200608M1_6	ST200608M1-4 PFC CS1 20E2704	08-Jun-20	15:54:42
7	200608M1_7	ST200608M1-5 PFC CS2 20E2705	08-Jun-20	16:05:06
8	200608M1_8	ST200608M1-6 PFC CS3 20E2706	08-Jun-20	16:15:32
9	200608M1_9	ST200608M1-7 PFC CS4 20F0303	08-Jun-20	16:25:54
10	200608M1_10	ST200608M1-8 PFC CS5 20E2708	08-Jun-20	16:36:19
11	200608M1_11	ICV200608M1-1 PFC ICV 20E2711	08-Jun-20	16:46:39
12	200608M1_12	ST200608M1-9 PFC CS6 20E2709	08-Jun-20	16:57:00
13	200608M1_13	IB	08-Jun-20	17:07:23
14	200608M1_14	ST200608M1-10 PFC CS7 20E2710	08-Jun-20	17:17:45
15	200608M1_15	IB	08-Jun-20	17:28:07
16	200608M1_16	B0F0014-BLK1 Method Blank 0.125	08-Jun-20	17:38:29
17	200608M1_17	B0F0014-BS1 OPR 0.125	08-Jun-20	17:48:51
18	200608M1_18	B0F0014-BSD1 LCSD 0.125	08-Jun-20	17:59:13
19	200608M1_19	2001185-01 Influent 0.11092	08-Jun-20	18:09:36
20	200608M1_20	2001185-02 Effluent 0.11143	08-Jun-20	18:19:58
21	200608M1_21	2001185-04 Front Street Landfill 0.11069	08-Jun-20	18:30:20
22	200608M1_22	2001185-05 Septic Receiving 0.08421	08-Jun-20	18:40:43
23	200608M1_23	B0F0025-BLK1 Method Blank 0.25	08-Jun-20	18:51:05
24	200608M1_24	B0F0025-BS1 OPR 0.25	08-Jun-20	19:01:27
25	200608M1_25	B0F0025-BSD1 LCSD 0.25	08-Jun-20	19:11:49
26	200608M1_26	2001193-01 REEPAC2610FS 0.116	08-Jun-20	19:22:12
27	200608M1_27	2001193-02 REEPACB2358FS 0.10782	08-Jun-20	19:32:33
28	200608M1_28	2001202-01@5X TS-LW02-20200603 0.25638	08-Jun-20	19:42:56
29	200608M1_29	2001202-02@5X TN-LW03-20200603 0.25316	08-Jun-20	19:53:18
30	200608M1_30	2001202-03@5X TN-LW04-20200604 0.24573	08-Jun-20	20:03:41
31	200608M1_31	B0F0021-BLK1 Method Blank 2	08-Jun-20	20:14:03
32	200608M1_32	B0F0021-BS1 OPR 2	08-Jun-20	20:24:25

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Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:08:08 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:08:21 Pacific Daylight Time

Compound name: PFBA

	Name			
33	200608M1_33	2001121-02 GW4 (3'-5') 2.26	08-Jun-20	20:34:47
34	200608M1_34	IB	08-Jun-20	20:45:09
35	200608M1_35	ST200608M1-11 PFC CS3 20E2706	08-Jun-20	20:55:32
36	200608M1_36	IB	08-Jun-20	21:05:54
37	200608M1_37	2001121-04 GW1 (4'-5') 2.2	08-Jun-20	21:16:19
38	200608M1_38	2001121-06 GW3 (4'-5') 2.21	08-Jun-20	21:26:43
39	200608M1_39	2001121-08 GW2 (4'-5') 2.6	08-Jun-20	21:37:08
40	200608M1_40	2001121-10 GW7 (3'-4') 2.16	08-Jun-20	21:47:30
41	200608M1_41	2001121-11 GW 5 (0'-1') 2.16	08-Jun-20	21:57:53
42	200608M1_42	2001121-12 GW5 (4'-5') 2.22	08-Jun-20	22:08:15
43	200608M1_43	2001121-13 GW6 (0'-1') 2.2	08-Jun-20	22:18:37
44	200608M1_44	2001121-14 GW6 (4'-5') 2.39	08-Jun-20	22:29:02
45	200608M1_45	2001121-16 DUP (4'-5') 2.16	08-Jun-20	22:39:26
46	200608M1_46	B0F0034-BLK1 Method Blank 0.125	08-Jun-20	22:49:52
47	200608M1_47	B0F0034-BS1 OPR 0.125	08-Jun-20	23:00:16
48	200608M1_48	B0F0034-MS1 Matrix Spike 0.11453	08-Jun-20	23:10:42
49	200608M1_49	B0F0034-MSD1 Matrix Spike Dup 0.11208	08-Jun-20	23:21:08
50	200608M1_50	2001087-01RE1 SW-SW-LR 0.12767	08-Jun-20	23:31:33
51	200608M1_51	IB	08-Jun-20	23:41:55
52	200608M1_52	ST200608M1-12 PFC CS3 20E2706	08-Jun-20	23:52:17
53	200608M1_53	IB	09-Jun-20	00:02:39
54	200608M1_54	2001087-03RE1 SW-SW-111 0.1131	09-Jun-20	00:13:02
55	200608M1_55	2001087-05RE1 S-EB-Sediment 0.11783	09-Jun-20	00:23:24
56	200608M1_56	2001087-06RE1 DW-R-4ROD 0.1107	09-Jun-20	00:33:46
57	200608M1_57	2001087-07RE1 DW-EB-APPARATUS 0.11627	09-Jun-20	00:44:08
58	200608M1_58	2001087-08RE1 DW-R-10SMW 0.11323	09-Jun-20	00:54:31
59	200608M1_59	2001087-09RE1 DW-R-15BFL 0.11455	09-Jun-20	01:04:53
60	200608M1_60	2001087-10RE1 DW-R-5BFL 0.11365	09-Jun-20	01:15:15
61	200608M1_61	2001087-11RE1 DW-R-14PWC 0.11871	09-Jun-20	01:25:37
62	200608M1_62	2001087-12RE1 DW-R-3 0.11482	09-Jun-20	01:35:59
63	200608M1_63	2001087-13RE1 DW-R-3-DUP 0.11625	09-Jun-20	01:46:22
64	200608M1_64	IB	09-Jun-20	01:56:44
65	200608M1_65	ST200608M1-13 PFC CS3 20E2706	09-Jun-20	02:07:06
66	200608M1_66	IB	09-Jun-20	02:17:28
67	200608M1_67	B0F0036-BLK1 Method Blank 0.125	09-Jun-20	02:27:52
68	200608M1_68	B0F0036-BS1 OPR 0.125	09-Jun-20	02:38:18

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Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 14:08:08 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:08:21 Pacific Daylight Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
69	200608M1_69	B0F0036-MS1 Matrix Spike 0.11342	09-Jun-20	02:48:40
70	200608M1_70	B0F0036-MSD1 Matrix Spike Dup 0.11425	09-Jun-20	02:59:02
71	200608M1_71	2001090-03RE1 GW-AE-1A 0.11587	09-Jun-20	03:09:24
72	200608M1_72	2001090-04RE1 GW-AE-1B 0.11252	09-Jun-20	03:19:47
73	200608M1_73	2001090-05RE1 GW-MW-20D1 0.11487	09-Jun-20	03:30:09
74	200608M1_74	2001090-06RE1 GW-MW-20D1-DUP 0.11513	09-Jun-20	03:40:31
75	200608M1_75	2001090-07RE1 GW-MW-20D2 0.1123	09-Jun-20	03:50:53
76	200608M1_76	B0F0035-BLK1 Method Blank 0.125	09-Jun-20	04:01:16
77	200608M1_77	B0F0035-BS1 OPR 0.125	09-Jun-20	04:11:38
78	200608M1_78	2001100-01RE1 MW 101D 0.11644	09-Jun-20	04:22:00
79	200608M1_79	2001100-02RE1 MW-02E 0.11481	09-Jun-20	04:32:22
80	200608M1_80	IB	09-Jun-20	04:42:44
81	200608M1_81	ST200608M1-14 PFC CS3 20E2706	09-Jun-20	04:53:07
82	200608M1_82	IB	09-Jun-20	05:03:29
83	200608M1_83	SHARPIE QC	09-Jun-20	05:13:54
84	200608M1_84	IB	09-Jun-20	05:24:14

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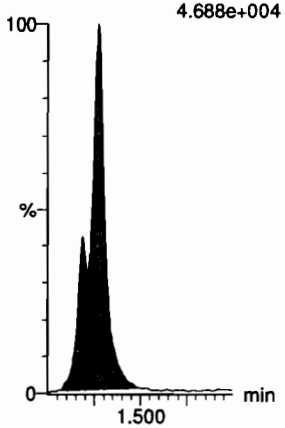
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

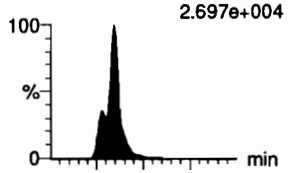
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

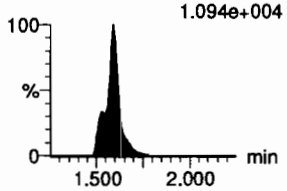
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
4.688e+004



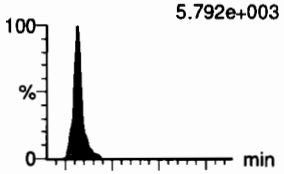
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.697e+004



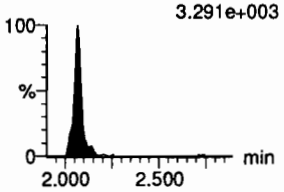
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.094e+004



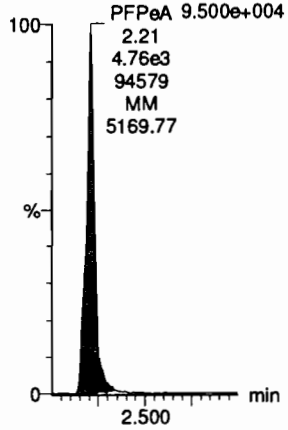
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
5.792e+003



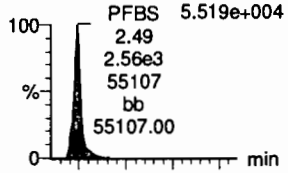
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.291e+003



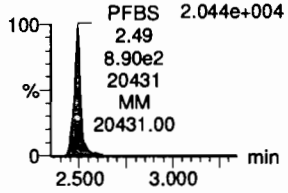
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
PFPeA 9.500e+004
2.21
4.76e3
94579
MM
5169.77



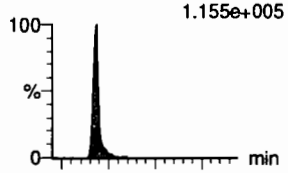
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
PFBS 5.519e+004
2.49
2.56e3
55107
bb
55107.00



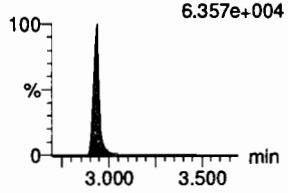
F11:MRM of 2 channels,ES-
299.0 > 99.0
PFBS 2.044e+004
2.49
8.90e2
20431
MM
20431.00



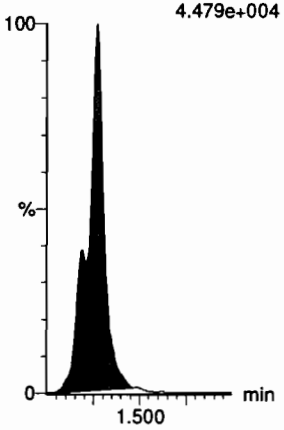
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.155e+005



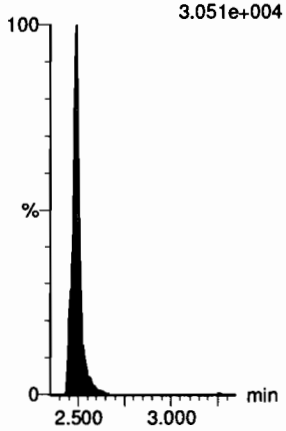
F16:MRM of 2 channels,ES-
327.0 > 80.9
6.357e+004



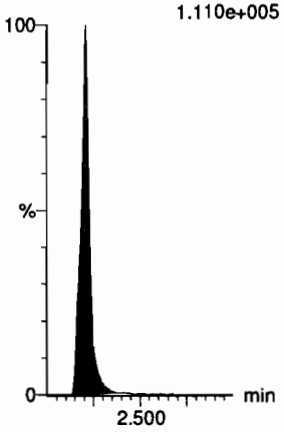
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
4.479e+004



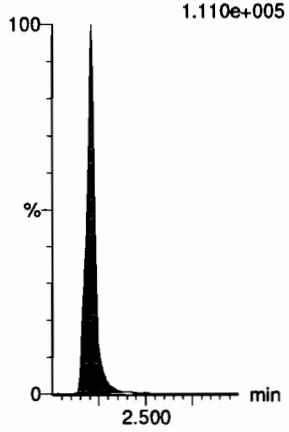
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.051e+004



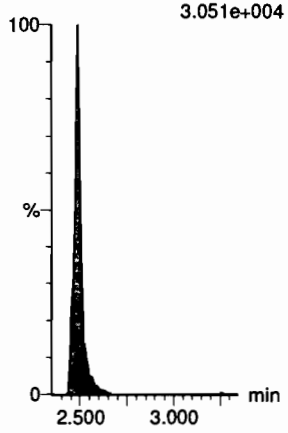
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.110e+005



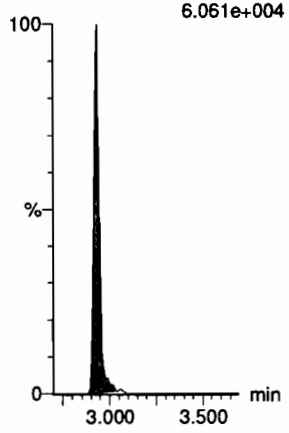
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.110e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.051e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.061e+004



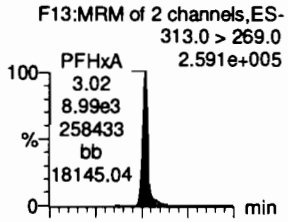
FBR 6/9/2020

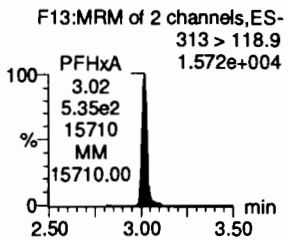
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

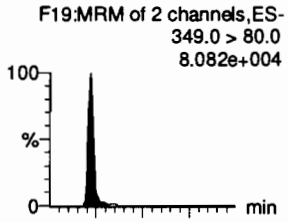
Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

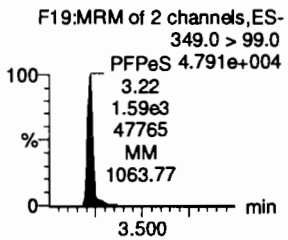
PFHxA



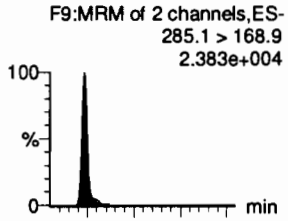


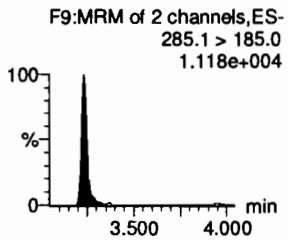
PFPeS



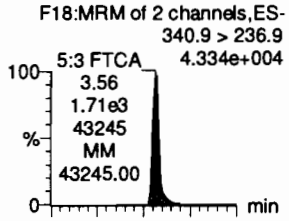


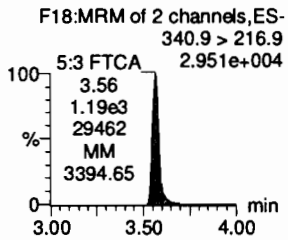
HFPO-DA



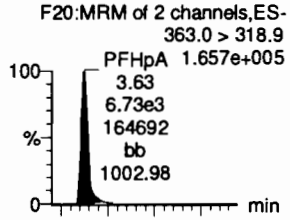


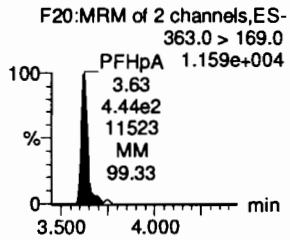
5:3 FTCA





PFHpA





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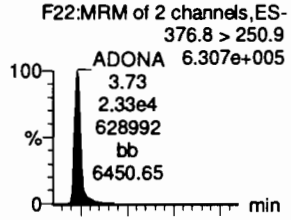
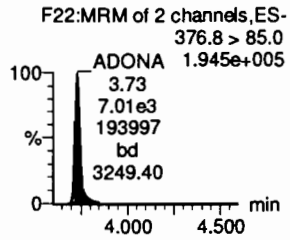
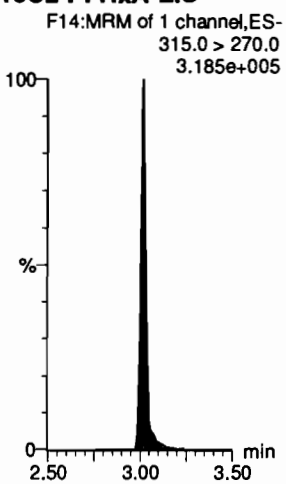
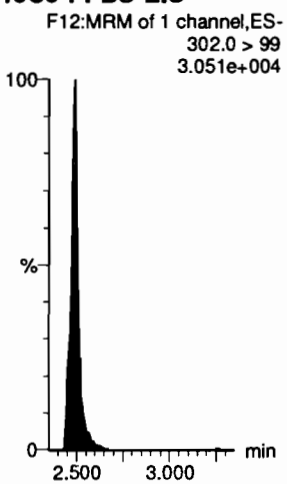




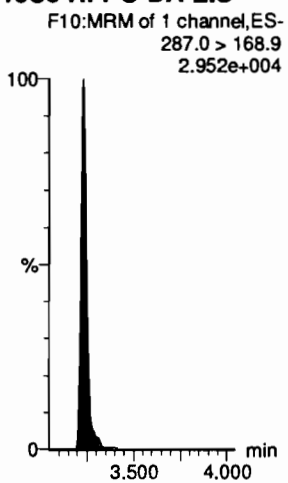
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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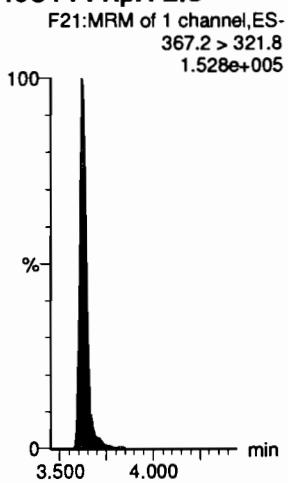

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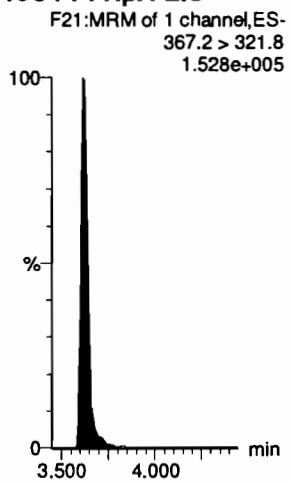

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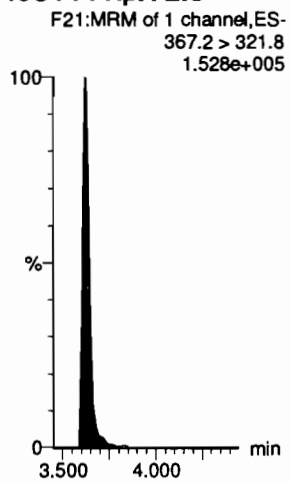

FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

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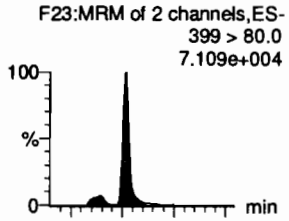
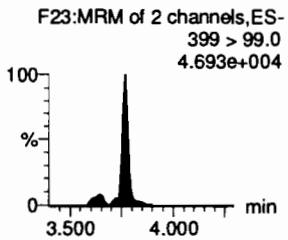
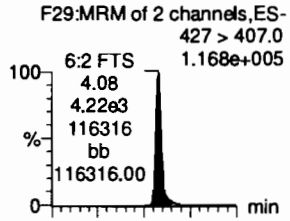
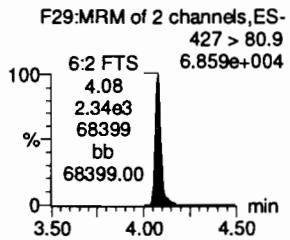




6:2 FTS





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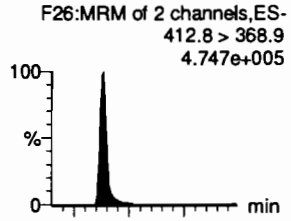

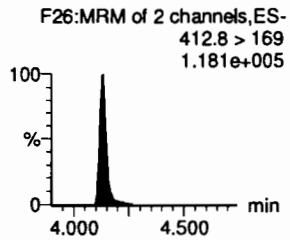

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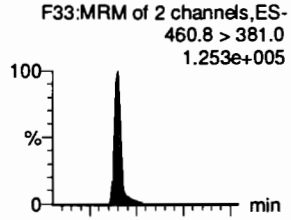

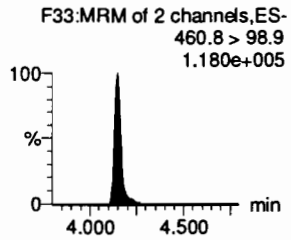

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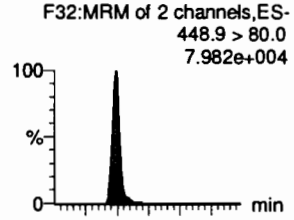
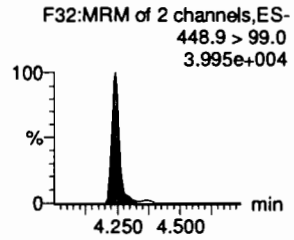
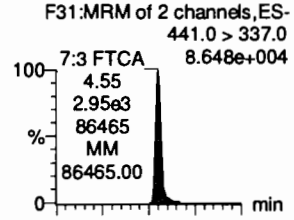
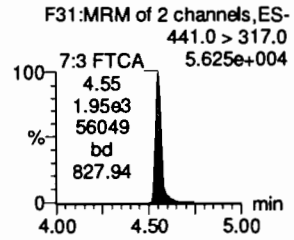


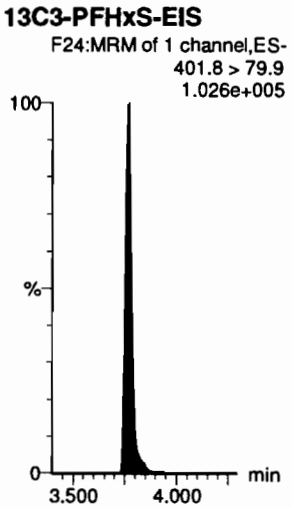


7:3 FTCA

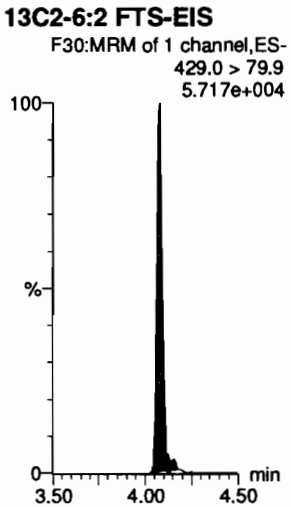




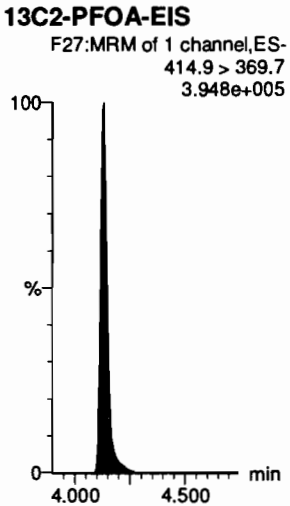
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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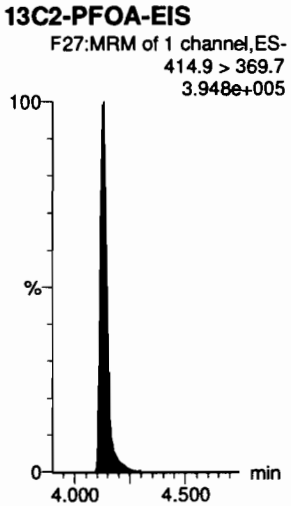
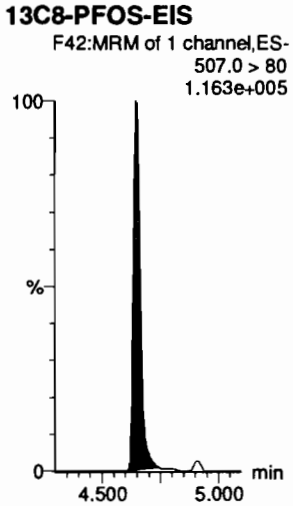
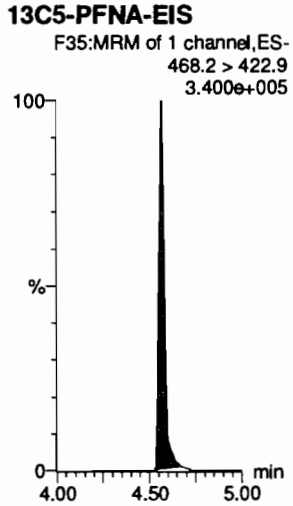


13C8-PFOS-EIS



13C5-PFNA-EIS



FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
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Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

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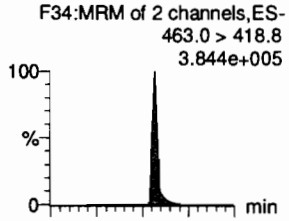
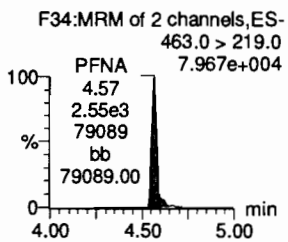
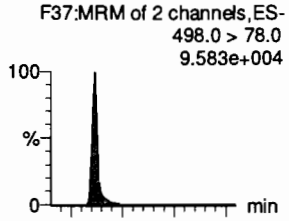
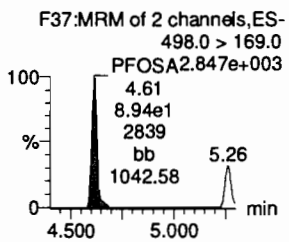


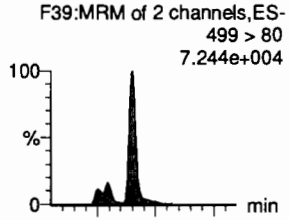


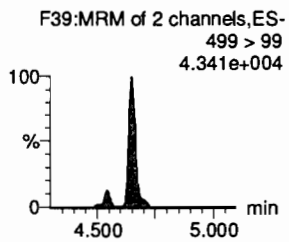
PFOSA



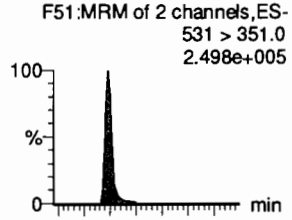


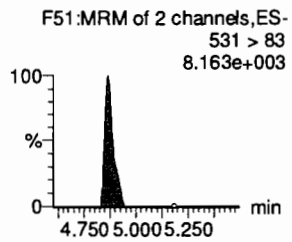
L-PFOS





9Cl-PF30NS





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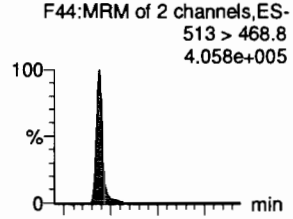
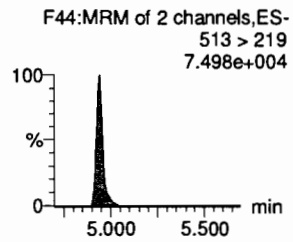
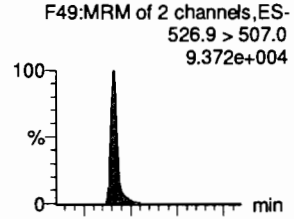
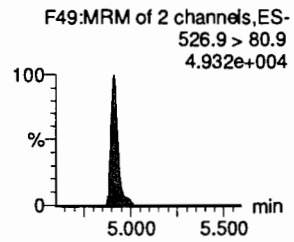


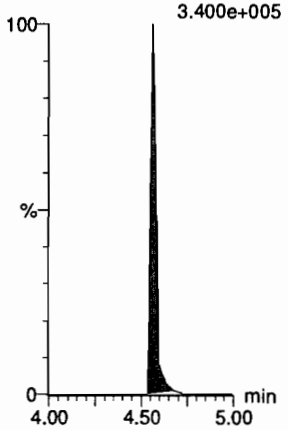


8:2 FTS





13C5-PFNA-EIS



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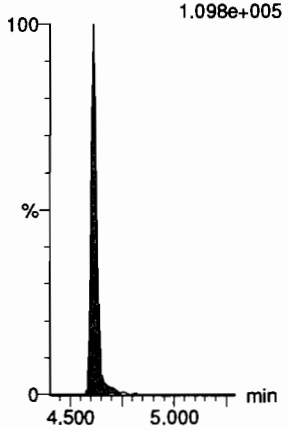

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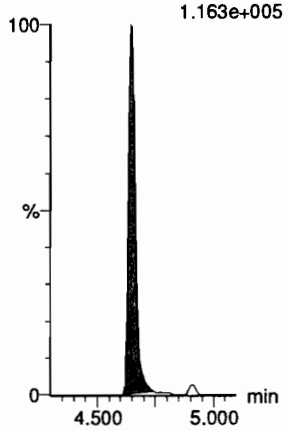

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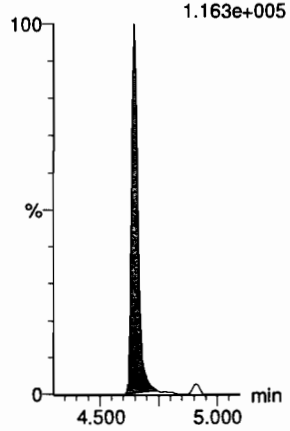

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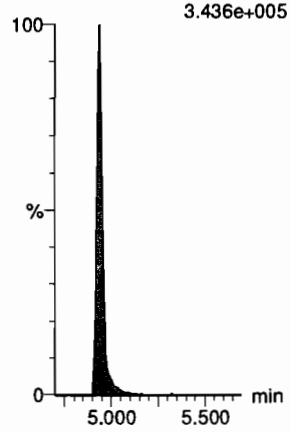

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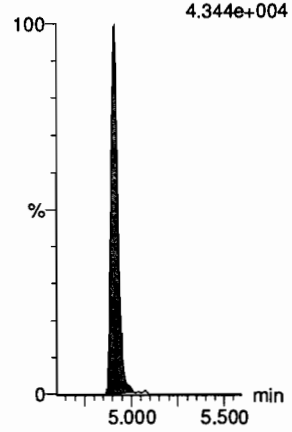

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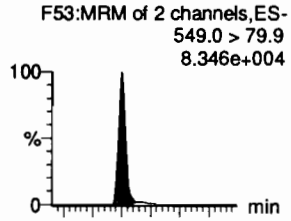
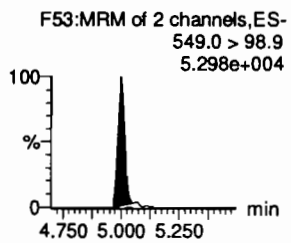
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNS





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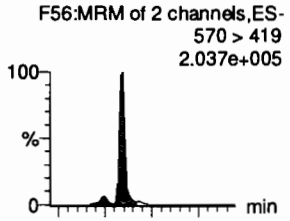
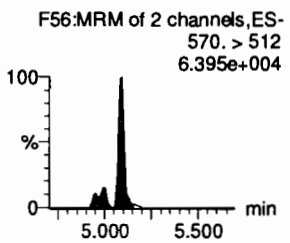
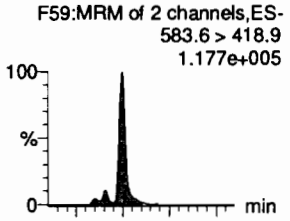
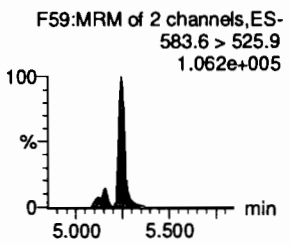


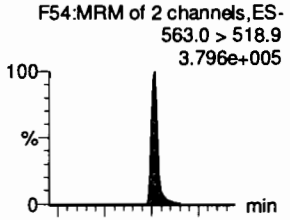


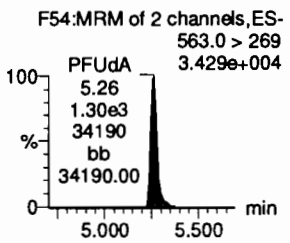
L-EtFOSAA



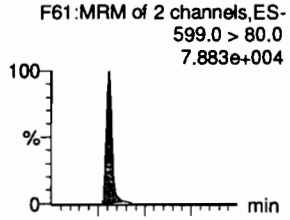


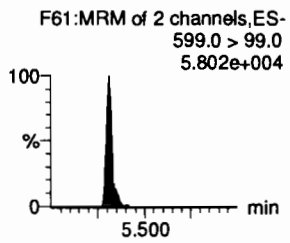
PFUdA



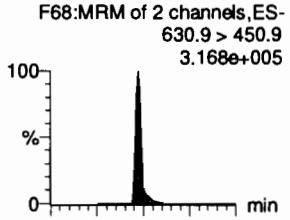


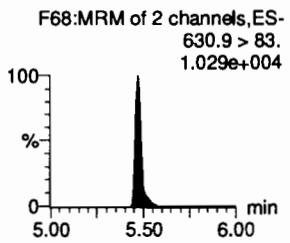
PFDS



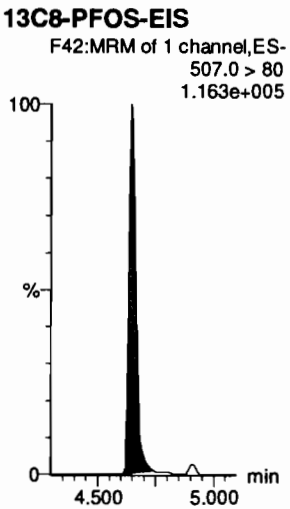


11Cl-PF30UdS

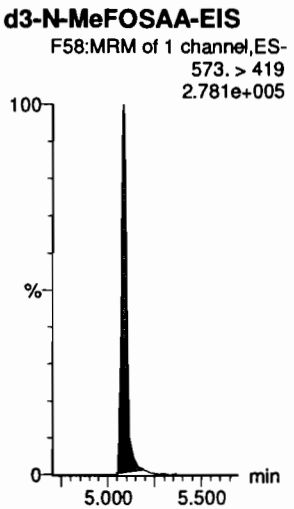




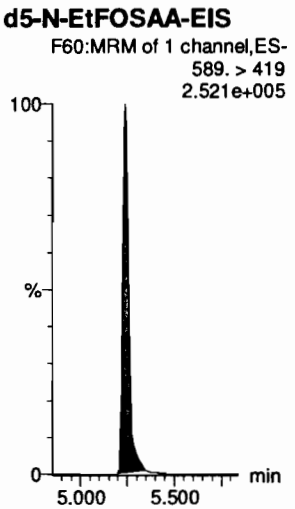
13C8-PFOS-EIS



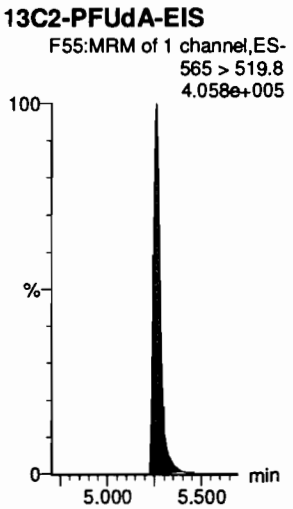
d3-N-MeFOSAA-EIS



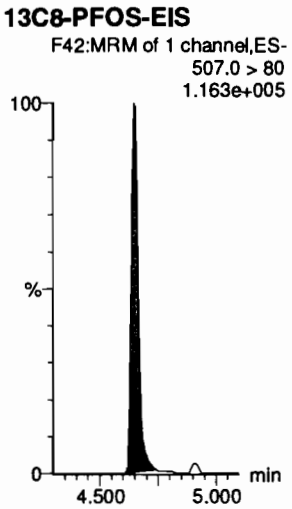
d5-N-EtFOSAA-EIS



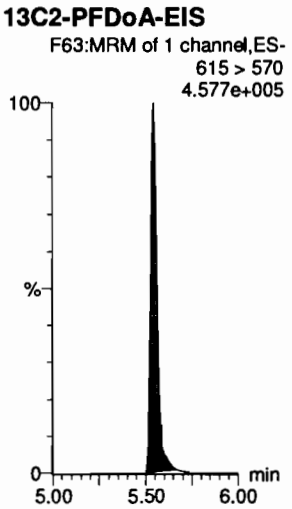
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



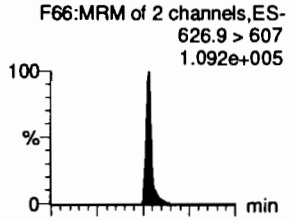
FBR 6/9/2020

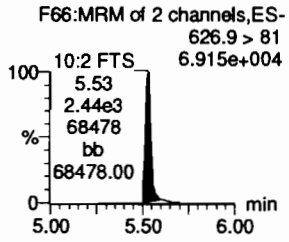
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

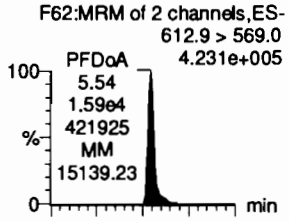
Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

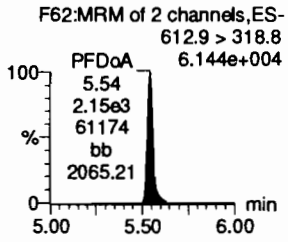
10:2 FTS



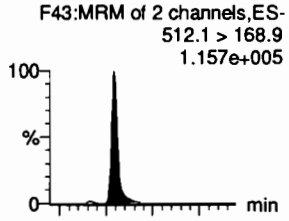


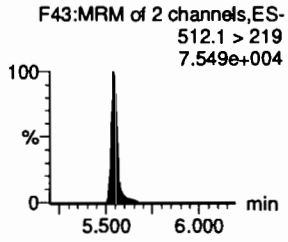
PFDoA



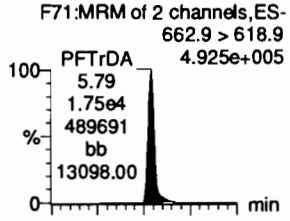


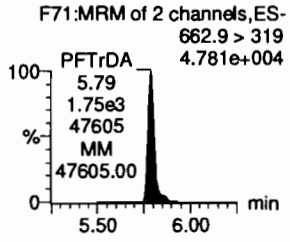
N-MeFOSA



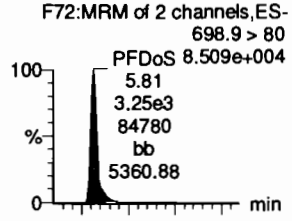


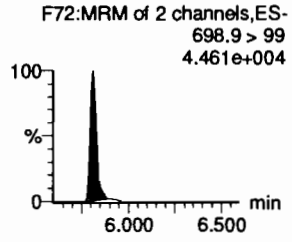
PFTrDA





PFDoS





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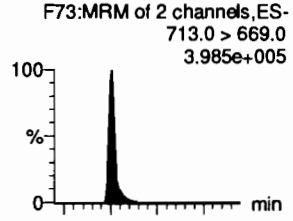
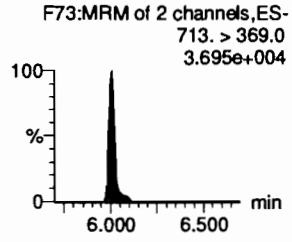
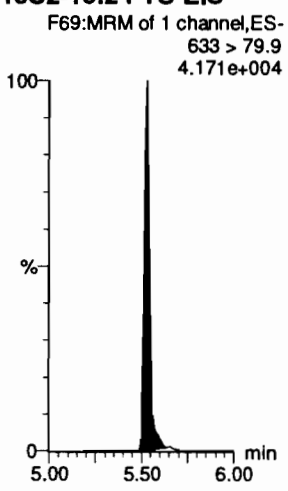
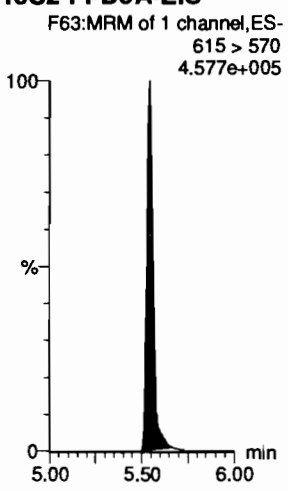




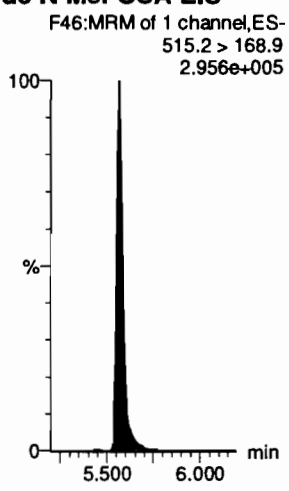
13C2-10:2 FTS-EIS



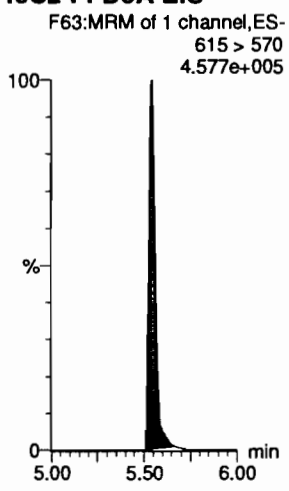
13C2-PFDoA-EIS



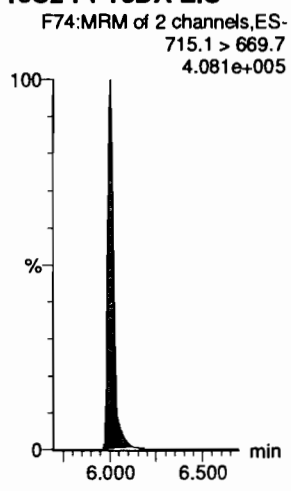
d3-N-MeFOSA-EIS



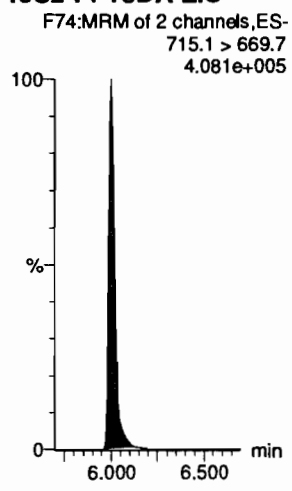
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



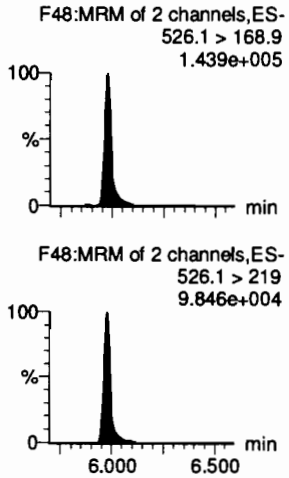
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

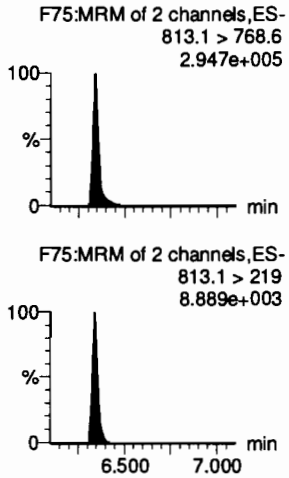
Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

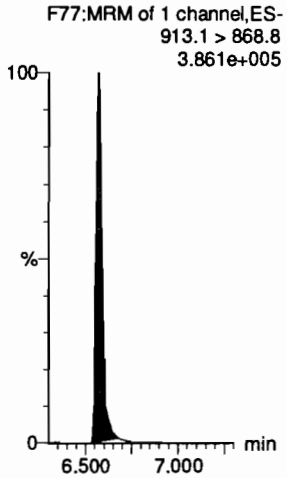
N-EtFOSA



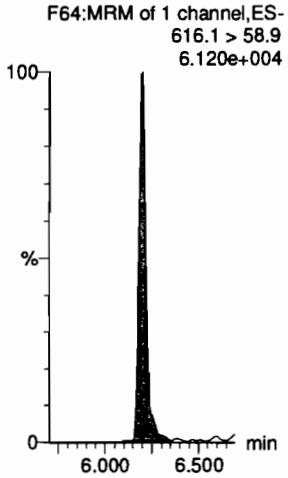
PFHxDA



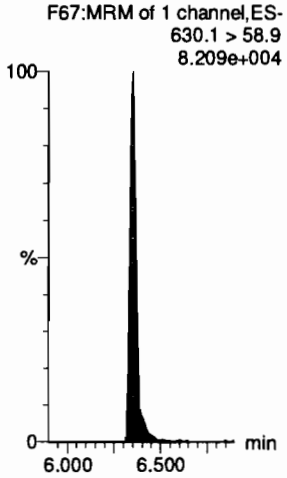
PFODA



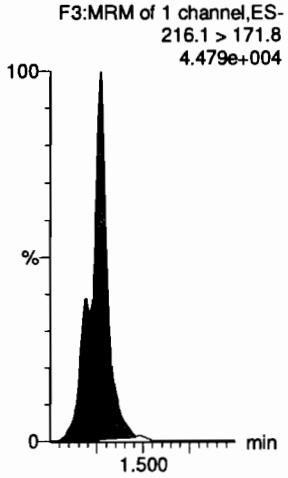
N-MeFOSE



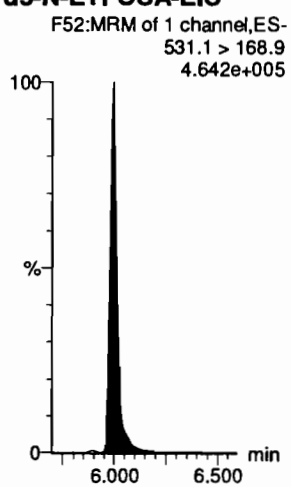
N-EtFOSE



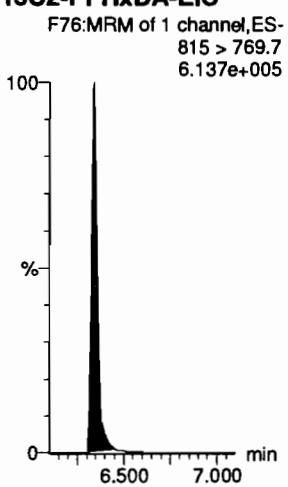
13C3-PFBA-RSD



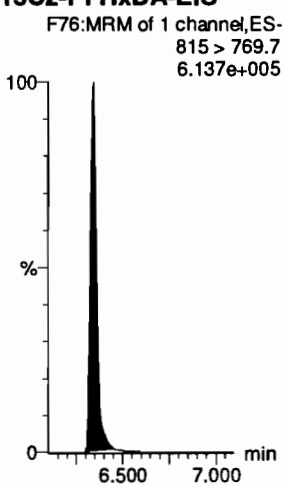
d5-N-ETFOSA-EIS



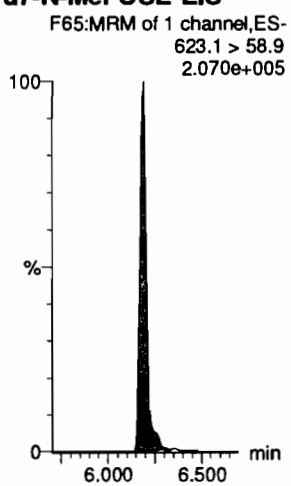
13C2-PFHxDA-EIS



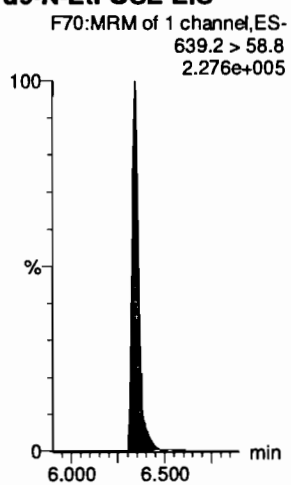
13C2-PFHxDA-EIS



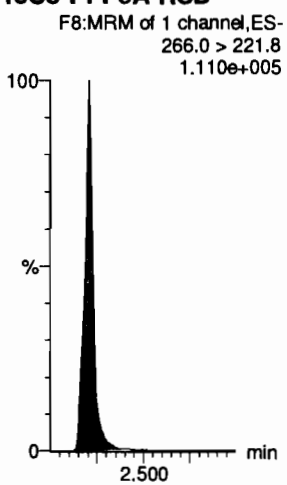
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



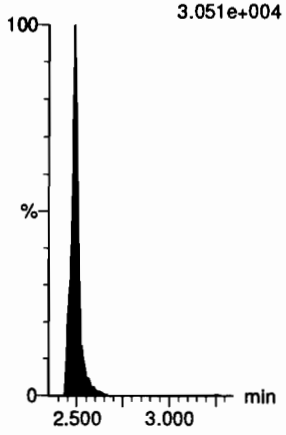
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

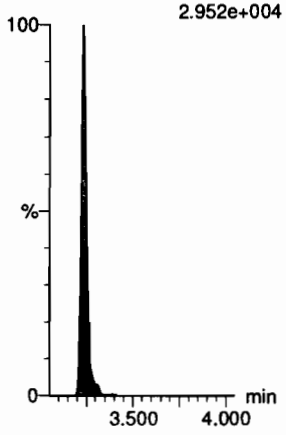
Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

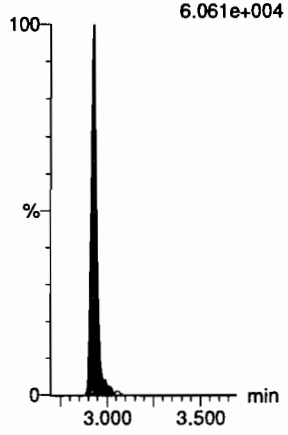
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.051e+004



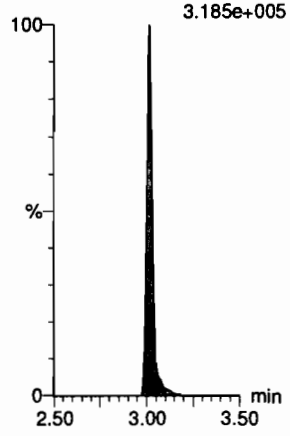
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.952e+004



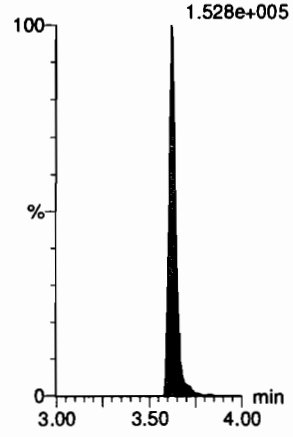
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.061e+004



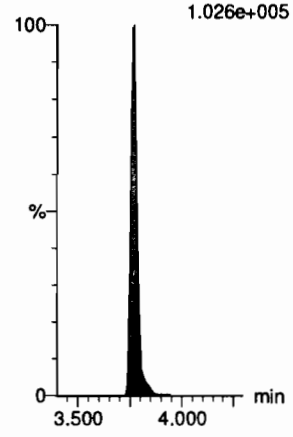
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.185e+005



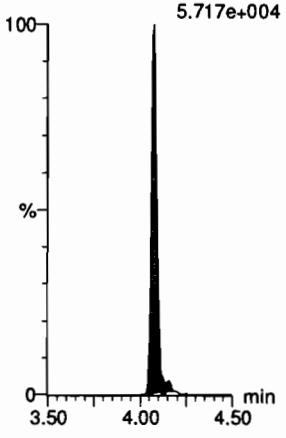
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.528e+005



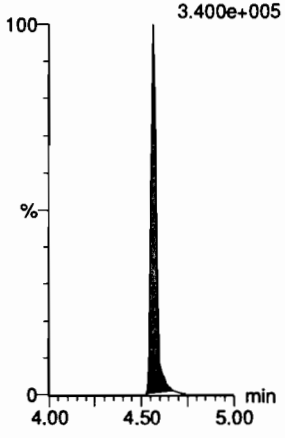
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.026e+005



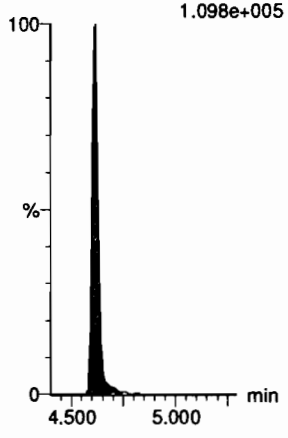
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.717e+004



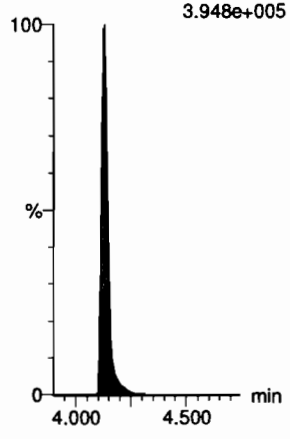
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.400e+005



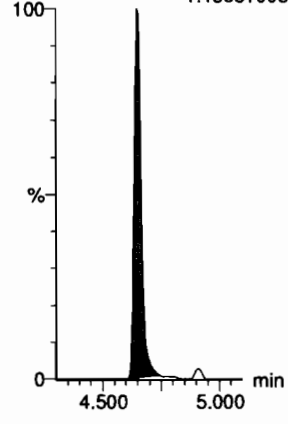
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.098e+005



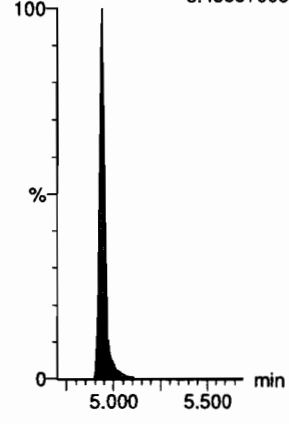
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.948e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.163e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.436e+005



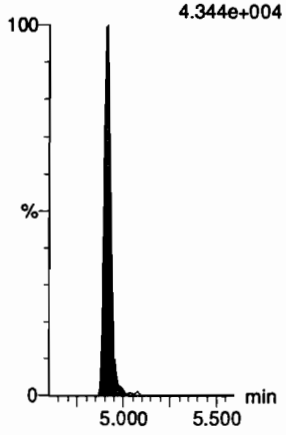
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

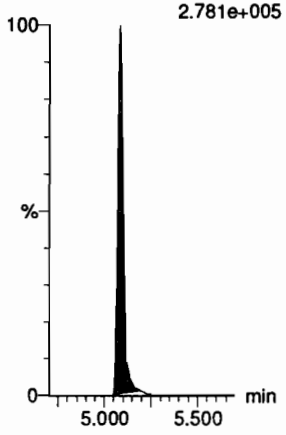
Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

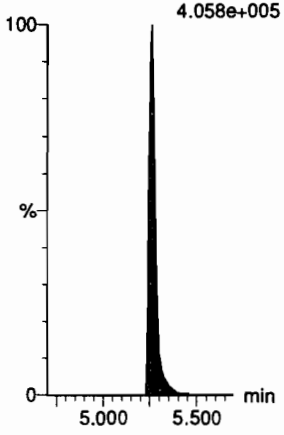
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.344e+004



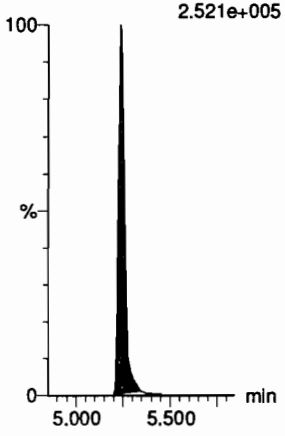
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.781e+005



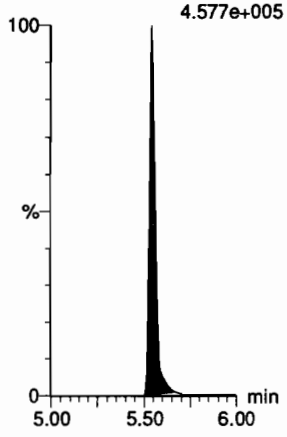
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.058e+005



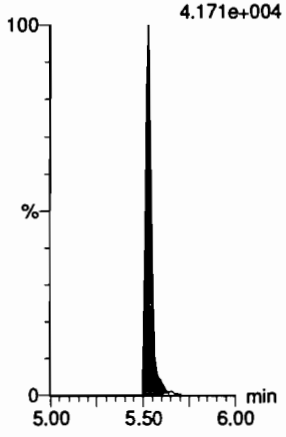
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.521e+005



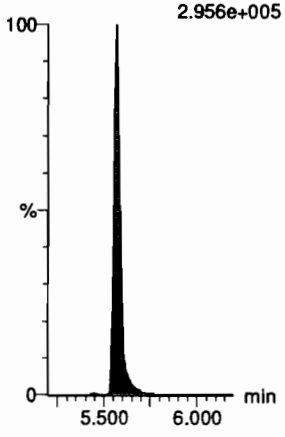
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.577e+005



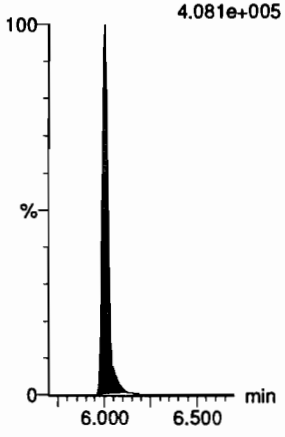
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.171e+004



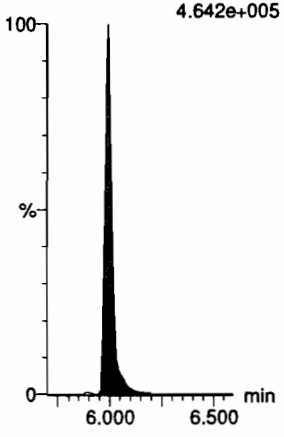
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.956e+005



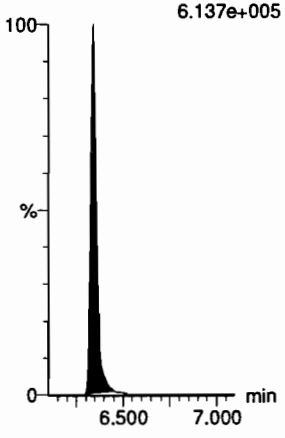
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.081e+005



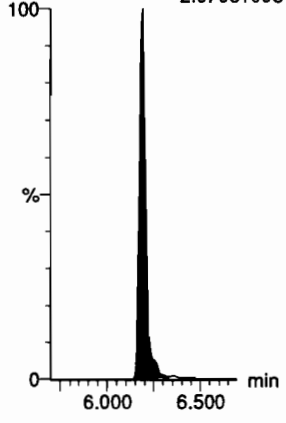
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.642e+005



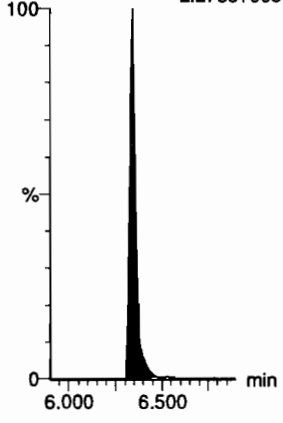
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.137e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.070e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.276e+005



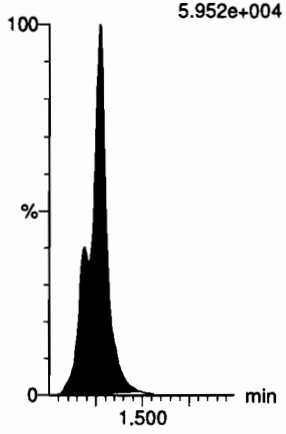
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-81.qld

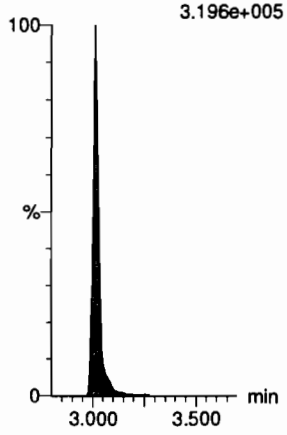
Last Altered: Tuesday, June 09, 2020 14:05:40 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 14:06:13 Pacific Daylight Time

Name: 200608M1_81, Date: 09-Jun-2020, Time: 04:53:07, ID: ST200608M1-14 PFC CS3 20E2706, Description: PFC CS3 20E2706

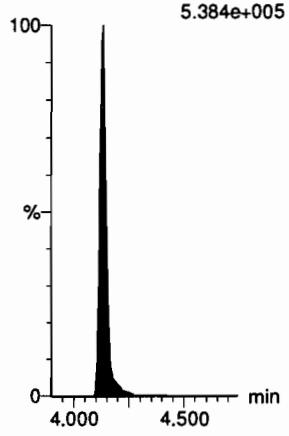
13C4-PFBA



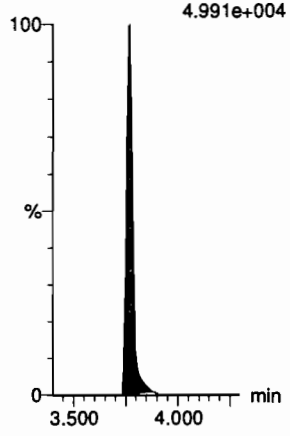
13C5-PFHxA



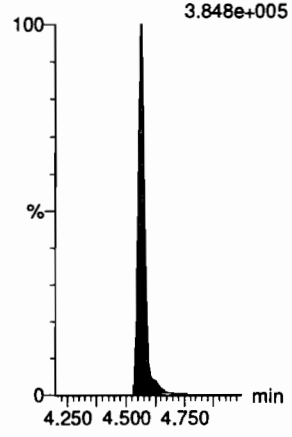
13C8-PFOA



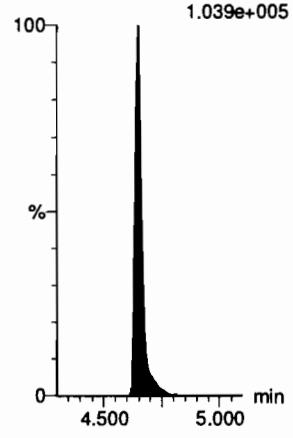
18O2-PFHxS



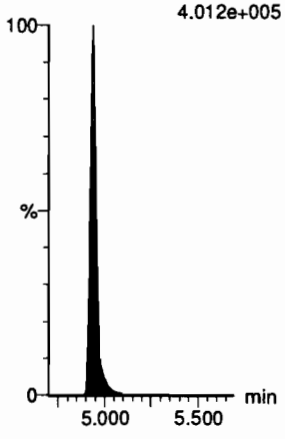
13C9-PFNA



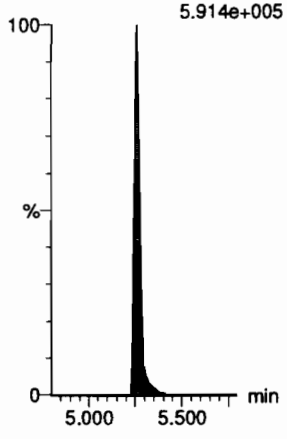
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/9/2020

INITIAL CALIBRATION

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:54:36 Pacific Daylight Time

Low point
- HFPO-DA 0.500
- PFHpS 0.500
- 8:2 FTS 0.500

High point
- 3:3 FTCA 100.000
- 5:3 FTCA 100.000
- 7:3 FTCA 100.000
- PFHpS 250.000
- PFOS 250.000
- 9CI-PF3ONS 100.000
- PFNS 100.000
- PFDS 250.000
- PFHxDA 250.000

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: PFBA
Coefficient of Determination: R^2 = 0.996679
Calibration curve: -0.000264724 * x^2 + 1.31473 * x + -0.100482
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

JQN 06/07/20

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	1.28	51.423	1997.983	0.322	0.3	28.5	NO	0.997	NO	MM
2	2 200602M2_4	Standard	0.500	1.29	101.507	2167.429	0.585	0.5	4.4	NO	0.997	NO	MM
3	3 200602M2_5	Standard	1.000	1.30	163.814	1998.568	1.025	0.9	-14.4	NO	0.997	NO	bb
4	4 200602M2_6	Standard	2.000	1.31	410.811	2035.895	2.522	2.0	-0.2	NO	0.997	NO	MM
5	5 200602M2_7	Standard	5.000	1.31	1027.489	1984.113	6.473	5.0	0.1	NO	0.997	NO	bb
6	6 200602M2_8	Standard	10.000	1.31	2030.531	2178.872	11.649	9.0	-10.5	NO	0.997	NO	bb
7	7 200602M2_9	Standard	50.000	1.31	9971.241	2067.052	60.299	46.4	-7.3	NO	0.997	NO	MM
8	8 200602M2_10	Standard	100.000	1.31	19730.031	2064.469	119.462	92.7	-7.3	NO	0.997	NO	bb
9	9 200602M2_11	Standard	250.000	1.30	51485.480	1903.509	338.096	272.1	8.9	NO	0.997	NO	bb
10	10 200602M2_12	Standard	500.000	1.31	99440.695	2141.626	580.404	489.9	-2.0	NO	0.997	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.996727
Calibration curve: 0.000100597 * x^2 + 1.4191 * x + -0.124195
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	1.63	21.423	932.370	0.287	0.3	16.0	NO	0.997	NO	bb
2	2 200602M2_4	Standard	0.500	1.63	37.989	1008.785	0.471	0.4	-16.2	NO	0.997	NO	bb
3	3 200602M2_5	Standard	1.000	1.63	85.552	940.858	1.137	0.9	-11.2	NO	0.997	NO	MM
4	4 200602M2_6	Standard	2.000	1.64	167.200	919.532	2.273	1.7	-15.6	NO	0.997	NO	MM
5	5 200602M2_7	Standard	5.000	1.64	488.738	886.062	6.895	4.9	-1.1	NO	0.997	NO	MM
6	6 200602M2_8	Standard	10.000	1.63	1091.717	933.811	14.614	10.4	3.8	NO	0.997	NO	MM
7	7 200602M2_9	Standard	50.000	1.64	5199.541	1017.286	63.890	45.0	-10.1	NO	0.997	NO	MM
8	8 200602M2_10	Standard	100.000	1.64	9533.726	900.792	132.296	92.7	-7.3	NO	0.997	NO	MM
9	9 200602M2_11	Standard	250.000	1.63	27345.703	874.016	391.093	270.5	8.2	NO	0.997	NO	MM
10	10 200602M2_12	Standard	500.000	1.64	47767.918	826.654	722.308	491.9	-1.6	NO	0.997	NO	MM

7R 06/03/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:54:36 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.996783
Calibration curve: -1.39727e-005 * x^2 + 0.0888842 * x + -0.0137875
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	2.10	3.793	4110.209	0.012	0.3	14.0	NO	0.997	NO	MM
2	2 200602M2_4	Standard	0.500	2.11	13.772	4052.406	0.042	0.6	26.6	NO	0.997	NO	MM
3	3 200602M2_5	Standard	1.000	2.10	25.333	4161.604	0.076	1.0	1.1	NO	0.997	NO	MM
4	4 200602M2_6	Standard	2.000	2.12	38.841	4131.624	0.118	1.5	-26.1	NO	0.997	NO	bb
5	5 200602M2_7	Standard	5.000	2.12	121.491	4264.302	0.356	4.2	-16.7	NO	0.997	NO	bb
6	6 200602M2_8	Standard	10.000	2.11	300.233	4443.155	0.845	9.7	-3.3	NO	0.997	NO	bb
7	7 200602M2_9	Standard	50.000	2.11	1458.333	3922.071	4.648	52.9	5.8	NO	0.997	NO	bb
8	8 200602M2_10	Standard	100.000	2.11	2814.511	4083.173	8.616	98.6	-1.4	NO	0.997	NO	bb
9	9 200602M2_11	Standard	250.000	2.11	1428.704	4065.177	4.393	50.0	-80.0	YES	0.997	NO	bbX
10	10 200602M2_12	Standard	500.000	2.11	3117.768	4150.504	9.390	107.6	-78.5	YES	0.997	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999896
Calibration curve: -0.000109928 * x^2 + 1.00482 * x + 0.00841632
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	2.24	89.842	4110.209	0.273	0.3	5.4	NO	1.000	NO	bb
2	2 200602M2_4	Standard	0.500	2.24	173.846	4052.406	0.536	0.5	5.1	NO	1.000	NO	bb
3	3 200602M2_5	Standard	1.000	2.24	318.164	4161.604	0.956	0.9	-5.7	NO	1.000	NO	bb
4	4 200602M2_6	Standard	2.000	2.26	625.896	4131.624	1.894	1.9	-6.2	NO	1.000	NO	bb
5	5 200602M2_7	Standard	5.000	2.25	1741.950	4264.302	5.106	5.1	1.5	NO	1.000	NO	bb
6	6 200602M2_8	Standard	10.000	2.24	3614.208	4443.155	10.168	10.1	1.2	NO	1.000	NO	bb
7	7 200602M2_9	Standard	50.000	2.25	16124.854	3922.071	51.391	51.4	2.9	NO	1.000	NO	bb
8	8 200602M2_10	Standard	100.000	2.25	32479.717	4083.173	99.432	100.0	0.0	NO	1.000	NO	bb
9	9 200602M2_11	Standard	250.000	2.24	78578.133	4065.177	241.620	247.1	-1.1	NO	1.000	NO	bb
10	10 200602M2_12	Standard	500.000	2.25	158099.188	4150.504	476.145	501.4	0.3	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999504
Calibration curve: 0.000215184 * x^2 + 2.10552 * x + 0.134924
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	2.50	40.945	932.370	0.549	0.2	-21.3	NO	1.000	NO	bb
2	2 200602M2_4	Standard	0.500	2.52	99.565	1008.785	1.234	0.5	4.4	NO	1.000	NO	bb
3	3 200602M2_5	Standard	1.000	2.52	163.722	940.858	2.175	1.0	-3.1	NO	1.000	NO	bb
4	4 200602M2_6	Standard	2.000	2.54	353.998	919.532	4.812	2.2	11.0	NO	1.000	NO	bb
5	5 200602M2_7	Standard	5.000	2.53	818.580	886.062	11.548	5.4	8.4	NO	1.000	NO	MM
6	6 200602M2_8	Standard	10.000	2.52	1688.307	933.811	22.600	10.7	6.6	NO	1.000	NO	bb
7	7 200602M2_9	Standard	50.000	2.53	8118.667	1017.286	99.759	47.1	-5.8	NO	1.000	NO	MM
8	8 200602M2_10	Standard	100.000	2.53	15039.405	900.792	208.697	98.1	-1.9	NO	1.000	NO	MM
9	9 200602M2_11	Standard	250.000	2.52	38638.949	874.016	552.606	255.7	2.3	NO	1.000	NO	bb
10	10 200602M2_12	Standard	500.000	2.53	72863.219	826.654	1101.779	497.9	-0.4	NO	1.000	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998432
Calibration curve: 9.68492e-007 * x^2 + 2.15289 * x + -0.0198036
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	2.95	47.122	1326.936	0.444	0.2	-13.8	NO	0.998	NO	bb
2	2 200602M2_4	Standard	0.500	2.95	88.654	1266.787	0.875	0.4	-16.9	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	2.95	248.151	1261.722	2.458	1.2	15.1	NO	0.998	NO	bb
4	4 200602M2_6	Standard	2.000	2.98	426.433	1260.068	4.230	2.0	-1.3	NO	0.998	NO	bb
5	5 200602M2_7	Standard	5.000	2.97	1236.790	1326.629	11.654	5.4	8.4	NO	0.998	NO	bb
6	6 200602M2_8	Standard	10.000	2.96	2185.500	1317.540	20.735	9.6	-3.6	NO	0.998	NO	bb
7	7 200602M2_9	Standard	50.000	2.96	12172.376	1285.549	118.358	55.0	10.0	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	2.96	21138.131	1195.955	220.934	102.6	2.6	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	2.96	50791.270	1245.877	509.594	236.7	-5.3	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	2.96	88967.391	1021.388	1088.805	505.6	1.1	NO	0.998	NO	bb

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Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999386
Calibration curve: -0.000168201 * x^2 + 1.00432 * x + 0.0081377
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	3.04	180.396	7964.864	0.283	0.3	9.5	NO	0.999	NO	bb
2	2 200602M2_4	Standard	0.500	3.04	321.441	8163.996	0.492	0.5	-3.6	NO	0.999	NO	bb
3	3 200602M2_5	Standard	1.000	3.04	626.552	7634.610	1.026	1.0	1.4	NO	0.999	NO	bb
4	4 200602M2_6	Standard	2.000	3.06	1314.807	7845.765	2.095	2.1	3.9	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	3.05	3064.123	7983.208	4.798	4.8	-4.5	NO	0.999	NO	MM
6	6 200602M2_8	Standard	10.000	3.04	6818.509	8416.155	10.127	10.1	0.9	NO	0.999	NO	bb
7	7 200602M2_9	Standard	50.000	3.05	29779.643	8154.891	45.647	45.8	-8.4	NO	0.999	NO	bb
8	8 200602M2_10	Standard	100.000	3.05	62221.547	7616.120	102.121	103.5	3.5	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	3.04	154062.156	7933.196	242.749	252.4	0.9	NO	0.999	NO	bb
10	10 200602M2_12	Standard	500.000	3.05	288974.781	7873.584	458.773	498.4	-0.3	NO	0.999	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999263
Calibration curve: -0.000102176 * x^2 + 2.24305 * x + -0.0148419
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	3.24	37.151	932.370	0.498	0.2	-8.5	NO	0.999	NO	bb
2	2 200602M2_4	Standard	0.500	3.24	65.993	1008.785	0.818	0.4	-25.8	NO	0.999	NO	bb
3	3 200602M2_5	Standard	1.000	3.24	178.637	940.858	2.373	1.1	6.5	NO	0.999	NO	bb
4	4 200602M2_6	Standard	2.000	3.26	317.458	919.532	4.315	1.9	-3.5	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	3.26	902.503	886.062	12.732	5.7	13.7	NO	0.999	NO	bb
6	6 200602M2_8	Standard	10.000	3.25	2004.642	933.811	26.834	12.0	19.8	NO	0.999	NO	bb
7	7 200602M2_9	Standard	50.000	3.25	8663.568	1017.286	106.454	47.6	-4.9	NO	0.999	NO	bb
8	8 200602M2_10	Standard	100.000	3.25	16150.859	900.792	224.120	100.4	0.4	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	3.25	38578.676	874.016	551.744	248.8	-0.5	NO	0.999	NO	bb
10	10 200602M2_12	Standard	500.000	3.25	72583.195	826.654	1097.545	500.7	0.1	NO	0.999	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999521
Calibration curve: -0.000381095 * x^2 + 0.965254 * x + -0.027461
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	3.28	2.601	829.233	0.039	0.1	-72.4	YES	1.000	NO	MMX
2	2 200602M2_4	Standard	0.500	3.26	34.023	958.185	0.444	0.5	-2.3	NO	1.000	NO	bb
3	3 200602M2_5	Standard	1.000	3.26	60.702	853.262	0.889	1.0	-5.0	NO	1.000	NO	bb
4	4 200602M2_6	Standard	2.000	3.28	109.735	873.231	1.571	1.7	-17.2	NO	1.000	NO	MM
5	5 200602M2_7	Standard	5.000	3.28	356.315	810.008	5.499	5.7	14.8	NO	1.000	NO	MM
6	6 200602M2_8	Standard	10.000	3.27	732.528	888.013	10.311	10.8	7.6	NO	1.000	NO	bb
7	7 200602M2_9	Standard	50.000	3.27	3244.620	896.219	45.254	47.8	-4.4	NO	1.000	NO	bb
8	8 200602M2_10	Standard	100.000	3.27	6554.622	879.814	93.125	100.5	0.5	NO	1.000	NO	bb
9	9 200602M2_11	Standard	250.000	3.27	14752.476	844.465	218.370	251.2	0.5	NO	1.000	NO	bb
10	10 200602M2_12	Standard	500.000	3.27	27195.021	878.462	386.969	499.4	-0.1	NO	1.000	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998364
Calibration curve: 0.000502901 * x^2 + 0.375442 * x + 0.0194976
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	3.59	41.153	5100.479	0.101	0.2	-13.3	NO	0.998	NO	bb
2	2 200602M2_4	Standard	0.500	3.59	80.272	5124.096	0.196	0.5	-6.1	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	3.59	170.044	5048.577	0.421	1.1	6.8	NO	0.998	NO	bb
4	4 200602M2_6	Standard	2.000	3.62	302.114	5014.547	0.753	1.9	-2.6	NO	0.998	NO	MM
5	5 200602M2_7	Standard	5.000	3.61	846.613	5109.760	2.071	5.4	8.5	NO	0.998	NO	bb
6	6 200602M2_8	Standard	10.000	3.60	1769.334	5231.168	4.228	11.0	10.5	NO	0.998	NO	bb
7	7 200602M2_9	Standard	50.000	3.60	8110.297	5321.714	19.050	47.6	-4.7	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	3.61	16647.422	4834.429	43.044	100.9	0.9	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	3.60	8261.489	4939.662	20.906	52.0	-79.2	YES	0.998	NO	bbX
10	10 200602M2_12	Standard	500.000	3.60	17259.541	4337.029	49.745	114.8	-77.0	YES	0.998	NO	bbX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999433
Calibration curve: -5.84743e-005 * x^2 + 1.26483 * x + 0.00317746
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	3.65	126.680	5100.479	0.310	0.2	-2.8	NO	0.999	NO	MM
2	2 200602M2_4	Standard	0.500	3.65	226.622	5124.096	0.553	0.4	-13.1	NO	0.999	NO	MM
3	3 200602M2_5	Standard	1.000	3.65	560.115	5048.577	1.387	1.1	9.4	NO	0.999	NO	bb
4	4 200602M2_6	Standard	2.000	3.67	1025.130	5014.547	2.555	2.0	0.9	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	3.67	2641.037	5109.760	6.461	5.1	2.1	NO	0.999	NO	MM
6	6 200602M2_8	Standard	10.000	3.65	5566.333	5231.168	13.301	10.5	5.2	NO	0.999	NO	MM
7	7 200602M2_9	Standard	50.000	3.66	25868.742	5321.714	60.762	48.1	-3.7	NO	0.999	NO	bb
8	8 200602M2_10	Standard	100.000	3.66	51090.918	4834.429	132.102	104.9	4.9	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	3.66	120603.484	4939.662	305.192	244.0	-2.4	NO	0.999	NO	MM
10	10 200602M2_12	Standard	500.000	3.66	215277.203	4337.029	620.463	502.2	0.4	NO	0.999	NO	MM

Compound name: ADONA
Coefficient of Determination: R^2 = 0.998061
Calibration curve: 0.000544418 * x^2 + 4.0337 * x + 0.119729
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	3.75	411.553	5100.479	1.009	0.2	-11.9	NO	0.998	NO	bb
2	2 200602M2_4	Standard	0.500	3.75	941.795	5124.096	2.297	0.5	8.0	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	3.76	1678.550	5048.577	4.156	1.0	0.1	NO	0.998	NO	bb
4	4 200602M2_6	Standard	2.000	3.79	3442.062	5014.547	8.580	2.1	4.8	NO	0.998	NO	bb
5	5 200602M2_7	Standard	5.000	3.78	8529.047	5109.760	20.865	5.1	2.8	NO	0.998	NO	bb
6	6 200602M2_8	Standard	10.000	3.76	17612.746	5231.168	42.086	10.4	3.9	NO	0.998	NO	bb
7	7 200602M2_9	Standard	50.000	3.77	86754.922	5321.714	203.776	50.1	0.3	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	3.77	172232.859	4834.429	445.329	108.8	8.8	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	3.77	386548.438	4939.662	978.175	235.0	-6.0	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	3.77	755647.000	4337.029	2177.894	505.4	1.1	NO	0.998	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.990305
Calibration curve: 6.99601e-005 * x^2 + 0.982918 * x + 0.0120473
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	3.79	46.890	2329.619	0.252	0.2	-2.5	NO	0.990	NO	MM
2	2 200602M2_4	Standard	0.500	3.79	91.591	2222.541	0.515	0.5	2.4	NO	0.990	NO	MM
3	3 200602M2_5	Standard	1.000	3.79	207.594	2408.654	1.077	1.1	8.4	NO	0.990	NO	MM
4	4 200602M2_6	Standard	2.000	3.82	385.089	2529.256	1.903	1.9	-3.8	NO	0.990	NO	MM
5	5 200602M2_7	Standard	5.000	3.81	953.144	2528.660	4.712	4.8	-4.4	NO	0.990	NO	MM
6	6 200602M2_8	Standard	10.000	3.80	2019.309	2319.297	10.883	11.1	10.5	NO	0.990	NO	MM
7	7 200602M2_9	Standard	50.000	3.80	8704.301	2032.870	53.522	54.2	8.5	NO	0.990	NO	MM
8	8 200602M2_10	Standard	100.000	3.81	15905.781	2617.798	75.950	76.8	-23.2	NO	0.990	NO	MM
9	9 200602M2_11	Standard	250.000	3.80	46174.922	2077.457	277.833	277.2	10.9	NO	0.990	NO	MM
10	10 200602M2_12	Standard	500.000	3.80	80488.305	2015.130	499.275	490.8	-1.8	NO	0.990	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.998015
Calibration curve: -0.000549119 * x^2 + 2.68478 * x + -0.0715709
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.10	39.908	1142.631	0.437	0.2	-24.3	NO	0.998	NO	bb
2	2 200602M2_4	Standard	0.500	4.10	115.904	1042.388	1.390	0.5	8.9	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	4.10	250.408	1304.876	2.399	0.9	-8.0	NO	0.998	NO	bb
4	4 200602M2_6	Standard	2.000	4.13	395.720	939.807	5.263	2.0	-0.6	NO	0.998	NO	bb
5	5 200602M2_7	Standard	5.000	4.12	1277.335	1205.807	13.241	5.0	-0.7	NO	0.998	NO	MM
6	6 200602M2_8	Standard	10.000	4.11	2845.634	1264.120	28.138	10.5	5.3	NO	0.998	NO	MM
7	7 200602M2_9	Standard	50.000	4.11	11712.655	961.519	152.268	57.4	14.8	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	4.12	24942.271	1223.811	254.760	96.8	-3.2	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	4.11	55324.531	1128.528	612.795	240.1	-4.0	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	4.11	96043.664	986.722	1216.701	505.5	1.1	NO	0.998	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999719
Calibration curve: -0.000450559 * x^2 + 1.41144 * x + 0.111274
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.15	338.139	9804.598	0.431	0.2	-9.4	NO	1.000	NO	bb
2	2 200602M2_4	Standard	0.500	4.15	732.298	9708.536	0.943	0.6	17.9	NO	1.000	NO	MM
3	3 200602M2_5	Standard	1.000	4.15	1127.850	9741.494	1.447	0.9	-5.3	NO	1.000	NO	bb
4	4 200602M2_6	Standard	2.000	4.18	2283.537	10053.443	2.839	1.9	-3.3	NO	1.000	NO	MM
5	5 200602M2_7	Standard	5.000	4.17	5507.568	10042.346	6.855	4.8	-4.3	NO	1.000	NO	bb
6	6 200602M2_8	Standard	10.000	4.16	11801.568	9727.192	15.166	10.7	7.0	NO	1.000	NO	bb
7	7 200602M2_9	Standard	50.000	4.17	50545.668	9273.452	68.132	49.0	-2.1	NO	1.000	NO	bb
8	8 200602M2_10	Standard	100.000	4.17	100873.711	9398.330	134.164	98.0	-2.0	NO	1.000	NO	MM
9	9 200602M2_11	Standard	250.000	4.17	248122.109	9389.295	330.326	254.7	1.9	NO	1.000	NO	bb
10	10 200602M2_12	Standard	500.000	4.16	411481.031	8701.974	591.074	497.8	-0.4	NO	1.000	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.998729
Calibration curve: -8.213e-005 * x^2 + 0.419944 * x + -0.0115069
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.16	57.881	9804.598	0.074	0.2	-18.7	NO	0.999	NO	MM
2	2 200602M2_4	Standard	0.500	4.17	161.654	9708.536	0.208	0.5	4.6	NO	0.999	NO	bb
3	3 200602M2_5	Standard	1.000	4.17	363.145	9741.494	0.466	1.1	13.7	NO	0.999	NO	MM
4	4 200602M2_6	Standard	2.000	4.19	608.706	10053.443	0.757	1.8	-8.5	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	4.19	1465.477	10042.346	1.824	4.4	-12.5	NO	0.999	NO	MM
6	6 200602M2_8	Standard	10.000	4.18	3478.947	9727.192	4.471	10.7	7.0	NO	0.999	NO	MM
7	7 200602M2_9	Standard	50.000	4.18	15543.255	9273.452	20.951	50.4	0.8	NO	0.999	NO	MM
8	8 200602M2_10	Standard	100.000	4.18	32854.809	9398.330	43.698	106.3	6.3	NO	0.999	NO	MM
9	9 200602M2_11	Standard	250.000	4.18	71712.602	9389.295	95.471	238.5	-4.6	NO	0.999	NO	MM
10	10 200602M2_12	Standard	500.000	4.18	133025.656	8701.974	191.085	504.9	1.0	NO	0.999	NO	MM

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998465
Calibration curve: 0.00116138 * x^2 + 0.774734 * x + 0.117932
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.27	43.846	2710.988	0.202	0.1	-56.5	YES	0.998	NO	bbX
2	2 200602M2_4	Standard	0.500	4.27	89.246	2752.348	0.405	0.4	-25.9	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	4.26	178.891	3024.244	0.739	0.8	-19.9	NO	0.998	NO	bb
4	4 200602M2_6	Standard	2.000	4.30	369.025	2179.383	2.117	2.6	28.5	NO	0.998	NO	bb
5	5 200602M2_7	Standard	5.000	4.28	973.622	2850.941	4.269	5.3	6.3	NO	0.998	NO	bb
6	6 200602M2_8	Standard	10.000	4.28	1869.909	2658.124	8.793	11.0	10.2	NO	0.998	NO	bb
7	7 200602M2_9	Standard	50.000	4.28	8461.644	2396.896	44.128	52.7	5.3	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	4.28	18040.063	2683.621	84.029	94.8	-5.2	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	4.28	41108.828	1917.792	267.944	251.1	0.5	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	4.28	76336.477	2374.921	401.784	342.6	-31.5	YES	0.998	NO	bbX

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999441
Calibration curve: -0.000428827 * x^2 + 0.418467 * x + -0.0470232
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.59	50.622	7287.370	0.087	0.3	28.0	NO	0.999	NO	bb
2	2 200602M2_4	Standard	0.500	4.58	99.767	9325.218	0.134	0.4	-13.6	NO	0.999	NO	bb
3	3 200602M2_5	Standard	1.000	4.58	248.061	8457.264	0.367	1.0	-1.0	NO	0.999	NO	bb
4	4 200602M2_6	Standard	2.000	4.61	444.832	8170.914	0.681	1.7	-12.9	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	4.59	1315.112	8358.867	1.967	4.8	-3.3	NO	0.999	NO	bb
6	6 200602M2_8	Standard	10.000	4.59	2818.745	8426.694	4.181	10.2	2.1	NO	0.999	NO	bb
7	7 200602M2_9	Standard	50.000	4.59	12271.761	7671.597	19.995	50.5	1.0	NO	0.999	NO	bb
8	8 200602M2_10	Standard	100.000	4.59	25870.879	8643.719	37.413	99.7	-0.3	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	4.59	12746.652	7641.395	20.851	52.8	-78.9	YES	0.999	NO	bbX
10	10 200602M2_12	Standard	500.000	4.59	25209.438	7155.341	44.040	120.1	-76.0	YES	0.999	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.998750
Calibration curve: 0.000298399 * x^2 + 1.16212 * x + 0.112989
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200602M2_3	Standard	0.250	4.59	201.981	7287.370	0.346	0.2	-19.6	NO	0.999	NO	bb
2	2	200602M2_4	Standard	0.500	4.59	520.235	9325.218	0.697	0.5	0.6	NO	0.999	NO	bb
3	3	200602M2_5	Standard	1.000	4.59	994.794	8457.264	1.470	1.2	16.8	NO	0.999	NO	MM
4	4	200602M2_6	Standard	2.000	4.62	1739.630	8170.914	2.661	2.2	9.6	NO	0.999	NO	bb
5	5	200602M2_7	Standard	5.000	4.61	4394.560	8358.867	6.572	5.5	11.0	NO	0.999	NO	bb
6	6	200602M2_8	Standard	10.000	4.60	9270.429	8426.694	13.752	11.7	17.0	NO	0.999	NO	bb
7	7	200602M2_9	Standard	50.000	4.61	38355.496	7671.597	62.496	53.0	5.9	NO	0.999	NO	bb
8	8	200602M2_10	Standard	100.000	4.61	83583.234	8643.719	120.873	101.3	1.3	NO	0.999	NO	bb
9	9	200602M2_11	Standard	250.000	4.61	180059.484	7641.395	294.546	238.7	-4.5	NO	0.999	NO	bb
10	10	200602M2_12	Standard	500.000	4.61	379194.969	7155.341	662.433	504.6	0.9	NO	0.999	NO	MM

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998063
Calibration curve: -8.86984e-005 * x^2 + 1.11809 * x + -0.124716
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200602M2_3	Standard	0.250	4.64	39.091	2562.391	0.191	0.3	12.8	NO	0.998	NO	bb
2	2	200602M2_4	Standard	0.500	4.64	89.614	2830.766	0.396	0.5	-6.9	NO	0.998	NO	bb
3	3	200602M2_5	Standard	1.000	4.65	203.449	2704.049	0.940	1.0	-4.7	NO	0.998	NO	bb
4	4	200602M2_6	Standard	2.000	4.67	495.678	2554.600	2.425	2.3	14.1	NO	0.998	NO	bb
5	5	200602M2_7	Standard	5.000	4.66	1018.234	2570.497	4.952	4.5	-9.2	NO	0.998	NO	bb
6	6	200602M2_8	Standard	10.000	4.66	2393.703	2888.896	10.357	9.4	-6.2	NO	0.998	NO	bb
7	7	200602M2_9	Standard	50.000	4.66	11099.662	2695.589	51.471	46.3	-7.4	NO	0.998	NO	bb
8	8	200602M2_10	Standard	100.000	4.66	22379.521	2292.461	122.028	110.2	10.2	NO	0.998	NO	MM
9	9	200602M2_11	Standard	250.000	4.66	47109.453	2221.370	265.092	241.8	-3.3	NO	0.998	NO	bb
10	10	200602M2_12	Standard	500.000	4.66	103970.016	2409.804	539.307	502.5	0.5	NO	0.998	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.994409
Calibration curve: 0.00220967 * x^2 + 0.809105 * x + 0.11739
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.68	74.364	2710.988	0.343	0.3	11.4	NO	0.994	NO	MM
2	2 200602M2_4	Standard	0.500	4.68	103.161	2752.348	0.469	0.4	-13.3	NO	0.994	NO	MM
3	3 200602M2_5	Standard	1.000	4.68	189.207	3024.244	0.782	0.8	-18.0	NO	0.994	NO	MM
4	4 200602M2_6	Standard	2.000	4.70	231.191	2179.383	1.326	1.5	-25.6	NO	0.994	NO	MM
5	5 200602M2_7	Standard	5.000	4.70	1083.355	2850.941	4.750	5.6	12.8	NO	0.994	NO	MM
6	6 200602M2_8	Standard	10.000	4.69	2306.187	2658.124	10.845	12.8	28.1	NO	0.994	NO	MM
7	7 200602M2_9	Standard	50.000	4.70	10169.142	2396.896	53.033	56.6	13.3	NO	0.994	NO	MM
8	8 200602M2_10	Standard	100.000	4.70	19349.887	2683.621	90.130	89.4	-10.6	NO	0.994	NO	MM
9	9 200602M2_11	Standard	250.000	4.69	52809.148	1917.792	344.205	251.9	0.8	NO	0.994	NO	MM
10	10 200602M2_12	Standard	500.000	4.69	100630.531	2374.921	529.652	339.6	-32.1	YES	0.994	NO	MMX

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.993570
Calibration curve: -0.00945197 * x^2 + 3.54604 * x + -0.421583
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.90	150.718	2710.988	0.695	0.3	26.1	NO	0.994	NO	bb
2	2 200602M2_4	Standard	0.500	4.90	268.567	2752.348	1.220	0.5	-7.3	NO	0.994	NO	bb
3	3 200602M2_5	Standard	1.000	4.90	661.043	3024.244	2.732	0.9	-10.8	NO	0.994	NO	MM
4	4 200602M2_6	Standard	2.000	4.92	1317.826	2179.383	7.558	2.3	13.2	NO	0.994	NO	MM
5	5 200602M2_7	Standard	5.000	4.91	3483.386	2850.941	15.273	4.5	-10.4	NO	0.994	NO	bb
6	6 200602M2_8	Standard	10.000	4.91	6018.040	2658.124	28.300	8.3	-17.2	NO	0.994	NO	MM
7	7 200602M2_9	Standard	50.000	4.91	31799.750	2396.896	165.838	54.9	9.9	NO	0.994	NO	bb
8	8 200602M2_10	Standard	100.000	4.91	54536.285	2683.621	254.024	96.7	-3.3	NO	0.994	NO	bb
9	9 200602M2_11	Standard	250.000	4.91	147614.656	1917.792	962.139			NO	0.994	NO	bbXI
10	10 200602M2_12	Standard	500.000	4.91	273788.469	2374.921	1441.040			NO	0.994	NO	bbXI

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.998542
Calibration curve: 0.000167643 * x^2 + 1.28929 * x + 0.10067
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.97	257.995	8954.692	0.360	0.2	-19.5	NO	0.999	NO	MM
2	2 200602M2_4	Standard	0.500	4.97	578.945	9145.722	0.791	0.5	7.1	NO	0.999	NO	MM
3	3 200602M2_5	Standard	1.000	4.97	882.401	9120.313	1.209	0.9	-14.0	NO	0.999	NO	MM
4	4 200602M2_6	Standard	2.000	4.99	1646.486	8578.435	2.399	1.8	-10.9	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	4.98	5476.017	8480.923	8.071	6.2	23.5	NO	0.999	NO	MM
6	6 200602M2_8	Standard	10.000	4.99	10052.619	8967.491	14.013	10.8	7.8	NO	0.999	NO	bb
7	7 200602M2_9	Standard	50.000	4.98	43200.961	7498.359	72.017	55.4	10.8	NO	0.999	NO	bb
8	8 200602M2_10	Standard	100.000	4.99	85768.609	8370.115	128.088	98.0	-2.0	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	4.98	206101.531	8040.447	320.414	240.9	-3.6	NO	0.999	NO	bb
10	10 200602M2_12	Standard	500.000	4.99	437488.156	7894.739	692.689	504.1	0.8	NO	0.999	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999247
Calibration curve: -0.000844511 * x^2 + 2.37973 * x + 0.0873516
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	4.94	22.500	951.731	0.296	0.1	-65.0	YES	0.999	NO	bbX
2	2 200602M2_4	Standard	0.500	4.94	177.453	1535.052	1.445	0.6	14.1	NO	0.999	NO	bb
3	3 200602M2_5	Standard	1.000	4.94	213.233	961.914	2.771	1.1	12.8	NO	0.999	NO	bb
4	4 200602M2_6	Standard	2.000	4.97	426.572	1195.768	4.459	1.8	-8.1	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	4.96	1212.536	1420.762	10.668	4.5	-10.9	NO	0.999	NO	bb
6	6 200602M2_8	Standard	10.000	4.96	2677.101	1349.093	24.805	10.4	4.3	NO	0.999	NO	MM
7	7 200602M2_9	Standard	50.000	4.95	10489.132	1204.863	108.821	46.5	-7.1	NO	0.999	NO	MM
8	8 200602M2_10	Standard	100.000	4.96	21061.990	1145.523	229.829	100.1	0.1	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	4.95	56366.902	1265.034	556.970	257.6	3.0	NO	0.999	NO	MM
10	10 200602M2_12	Standard	500.000	4.95	94880.961	1219.898	972.222	495.7	-0.9	NO	0.999	NO	MM

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.997201
Calibration curve: -0.00311671 * x^2 + 1.00117 * x + -0.20312
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.03	12.939	2710.988	0.060	0.3	5.1	NO	0.997	NO	bb
2	2 200602M2_4	Standard	0.500	5.04	95.438	2752.348	0.433	0.6	27.4	NO	0.997	NO	bb
3	3 200602M2_5	Standard	1.000	5.04	149.001	3024.244	0.616	0.8	-18.0	NO	0.997	NO	MM
4	4 200602M2_6	Standard	2.000	5.06	304.067	2179.383	1.744	2.0	-2.2	NO	0.997	NO	bb
5	5 200602M2_7	Standard	5.000	5.05	880.332	2850.941	3.860	4.1	-17.8	NO	0.997	NO	bb
6	6 200602M2_8	Standard	10.000	5.05	2084.496	2658.124	9.802	10.3	3.3	NO	0.997	NO	bb
7	7 200602M2_9	Standard	50.000	5.05	8302.476	2396.896	43.298	51.8	3.6	NO	0.997	NO	bb
8	8 200602M2_10	Standard	100.000	5.05	14629.883	2683.621	68.144	98.4	-1.6	NO	0.997	NO	bb
9	9 200602M2_11	Standard	250.000	5.05	41448.422	1917.792	270.157			NO	0.997	YES	bbXI
10	10 200602M2_12	Standard	500.000	5.05	65915.203	2374.921	346.934			NO	0.997	YES	MMXI

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.996874
Calibration curve: -0.000558389 * x^2 + 1.02519 * x + -0.0576007
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.13	131.894	6499.031	0.254	0.3	21.5	NO	0.997	NO	MM
2	2 200602M2_4	Standard	0.500	5.13	203.504	6458.771	0.394	0.4	-11.9	NO	0.997	NO	MM
3	3 200602M2_5	Standard	1.000	5.12	430.105	5721.359	0.940	1.0	-2.7	NO	0.997	NO	MM
4	4 200602M2_6	Standard	2.000	5.15	938.177	6320.023	1.856	1.9	-6.6	NO	0.997	NO	MM
5	5 200602M2_7	Standard	5.000	5.14	2515.067	6581.178	4.777	4.7	-5.4	NO	0.997	NO	MM
6	6 200602M2_8	Standard	10.000	5.14	5141.250	7455.871	8.619	8.5	-15.0	NO	0.997	NO	MM
7	7 200602M2_9	Standard	50.000	5.13	25417.072	6395.959	49.674	49.9	-0.3	NO	0.997	NO	MM
8	8 200602M2_10	Standard	100.000	5.14	47813.594	6687.328	89.374	91.8	-8.2	NO	0.997	NO	MM
9	9 200602M2_11	Standard	250.000	5.14	122958.172	6472.953	237.446	271.9	8.8	NO	0.997	NO	MM
10	10 200602M2_12	Standard	500.000	5.14	193673.344	6606.673	366.435	486.3	-2.7	NO	0.997	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999053
Calibration curve: -0.000181822 * x^2 + 0.67206 * x + -0.0449119
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.29	49.283	5847.295	0.105	0.2	-10.6	NO	0.999	NO	bb
2	2 200602M2_4	Standard	0.500	5.29	186.725	6533.009	0.357	0.6	19.7	NO	0.999	NO	MM
3	3 200602M2_5	Standard	1.000	5.28	235.120	6720.531	0.437	0.7	-28.2	NO	0.999	NO	MM
4	4 200602M2_6	Standard	2.000	5.30	700.124	5827.595	1.502	2.3	15.1	NO	0.999	NO	MM
5	5 200602M2_7	Standard	5.000	5.30	1683.007	6832.311	3.079	4.7	-6.9	NO	0.999	NO	MM
6	6 200602M2_8	Standard	10.000	5.30	3362.595	5949.242	7.065	10.6	6.1	NO	0.999	NO	MM
7	7 200602M2_9	Standard	50.000	5.30	14515.808	5054.661	35.897	54.3	8.6	NO	0.999	NO	MM
8	8 200602M2_10	Standard	100.000	5.30	28103.352	5493.164	63.951	97.8	-2.2	NO	0.999	NO	MM
9	9 200602M2_11	Standard	250.000	5.30	72252.398	5889.822	153.342	244.4	-2.2	NO	0.999	NO	MM
10	10 200602M2_12	Standard	500.000	5.30	124048.320	5307.480	292.154	503.3	0.7	NO	0.999	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999089
Calibration curve: 0.000128611 * x^2 + 0.887719 * x + 0.122265
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.30	349.075	14893.706	0.293	0.2	-23.1	NO	0.999	NO	bd
2	2 200602M2_4	Standard	0.500	5.30	582.568	10760.374	0.677	0.6	24.9	NO	0.999	NO	MM
3	3 200602M2_5	Standard	1.000	5.30	936.910	12741.857	0.919	0.9	-10.2	NO	0.999	NO	bb
4	4 200602M2_6	Standard	2.000	5.32	1627.398	11414.250	1.782	1.9	-6.5	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	5.31	5219.828	13516.973	4.827	5.3	5.9	NO	0.999	NO	MM
6	6 200602M2_8	Standard	10.000	5.31	10952.675	13217.787	10.358	11.5	15.1	NO	0.999	NO	MM
7	7 200602M2_9	Standard	50.000	5.31	45189.934	13101.624	43.115	48.1	-3.8	NO	0.999	NO	MM
8	8 200602M2_10	Standard	100.000	5.32	88440.336	12886.741	85.786	95.2	-4.8	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	5.31	182083.484	9589.660	237.344	257.6	3.0	NO	0.999	NO	MM
10	10 200602M2_12	Standard	500.000	5.32	441829.313	11663.207	473.529	497.4	-0.5	NO	0.999	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.998306
Calibration curve: 0.00137632 * x^2 + 0.735237 * x + 0.0104866
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.35	33.873	2710.988	0.156	0.2	-20.8	NO	0.998	NO	bb
2	2 200602M2_4	Standard	0.500	5.35	88.924	2752.348	0.404	0.5	6.9	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	5.35	137.929	3024.244	0.570	0.8	-24.0	NO	0.998	NO	bb
4	4 200602M2_6	Standard	2.000	5.37	313.559	2179.383	1.798	2.4	21.0	NO	0.998	NO	bb
5	5 200602M2_7	Standard	5.000	5.36	928.104	2850.941	4.069	5.5	9.3	NO	0.998	NO	MM
6	6 200602M2_8	Standard	10.000	5.36	1793.255	2658.124	8.433	11.2	12.2	NO	0.998	NO	MM
7	7 200602M2_9	Standard	50.000	5.36	8220.049	2396.896	42.868	53.0	6.1	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	5.37	17496.373	2683.621	81.496	94.2	-5.8	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	5.36	41667.203	1917.792	271.583	251.2	0.5	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	5.37	74261.953	2374.921	390.865	329.0	-34.2	YES	0.998	NO	MMX

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.997930
Calibration curve: 0.00016678 * x^2 + 0.673311 * x + 0.0368063
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.52	189.206	13684.033	0.173	0.2	-19.2	NO	0.998	NO	bb
2	2 200602M2_4	Standard	0.500	5.52	427.457	14148.223	0.378	0.5	1.2	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	5.51	757.162	12696.537	0.745	1.1	5.2	NO	0.998	NO	bb
4	4 200602M2_6	Standard	2.000	5.53	1518.346	14086.523	1.347	1.9	-2.7	NO	0.998	NO	bb
5	5 200602M2_7	Standard	5.000	5.53	3822.653	12365.666	3.864	5.7	13.5	NO	0.998	NO	bb
6	6 200602M2_8	Standard	10.000	5.53	8362.904	13183.940	7.929	11.7	16.9	NO	0.998	NO	bb
7	7 200602M2_9	Standard	50.000	5.53	36483.746	12190.937	37.409	54.8	9.5	NO	0.998	NO	MM
8	8 200602M2_10	Standard	100.000	5.53	75123.281	13291.910	70.648	102.3	2.3	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	5.53	179731.625	13436.517	167.204	234.6	-6.1	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	5.53	325854.438	10621.053	383.501	506.1	1.2	NO	0.998	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.998932
Calibration curve: -0.00126755 * x^2 + 3.11363 * x + 0.272488
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.58	74.866	863.169	1.084	0.3	4.3	NO	0.999	NO	bb
2	2 200602M2_4	Standard	0.500	5.57	139.268	898.180	1.938	0.5	7.0	NO	0.999	NO	bb
3	3 200602M2_5	Standard	1.000	5.57	215.610	793.092	3.398	1.0	0.4	NO	0.999	NO	bb
4	4 200602M2_6	Standard	2.000	5.59	502.346	1052.950	5.964	1.8	-8.5	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	5.59	1274.744	1036.391	15.375	4.9	-2.8	NO	0.999	NO	bb
6	6 200602M2_8	Standard	10.000	5.59	2747.958	1156.792	29.694	9.5	-5.1	NO	0.999	NO	bb
7	7 200602M2_9	Standard	50.000	5.59	12212.278	913.952	167.026	54.8	9.6	NO	0.999	NO	bb
8	8 200602M2_10	Standard	100.000	5.59	21300.375	938.543	283.689	94.7	-5.3	NO	0.999	NO	bb
9	9 200602M2_11	Standard	250.000	5.59	46638.504	829.301	702.979	251.4	0.6	NO	0.999	NO	bb
10	10 200602M2_12	Standard	500.000	5.59	73257.891	738.421	1240.111	500.0	-0.0	NO	0.999	NO	bb

Compound name: PFDoA
Correlation coefficient: r = 0.996423, r^2 = 0.992858
Calibration curve: 1.04948 * x + -0.00371623
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.60	292.004	13684.033	0.267	0.3	3.1	NO	0.993	NO	bb
2	2 200602M2_4	Standard	0.500	5.59	583.113	14148.223	0.515	0.5	-1.1	NO	0.993	NO	MM
3	3 200602M2_5	Standard	1.000	5.59	1186.811	12696.537	1.168	1.1	11.7	NO	0.993	NO	bb
4	4 200602M2_6	Standard	2.000	5.60	2068.782	14086.523	1.836	1.8	-12.4	NO	0.993	NO	bb
5	5 200602M2_7	Standard	5.000	5.60	5908.052	12365.666	5.972	5.7	13.9	NO	0.993	NO	bb
6	6 200602M2_8	Standard	10.000	5.60	11705.690	13183.940	11.098	10.6	5.8	NO	0.993	NO	MM
7	7 200602M2_9	Standard	50.000	5.60	47267.539	12190.937	48.466	46.2	-7.6	NO	0.993	NO	bb
8	8 200602M2_10	Standard	100.000	5.60	95536.977	13291.910	89.845	85.6	-14.4	NO	0.993	NO	bb
9	9 200602M2_11	Standard	250.000	5.60	260708.922	13436.517	242.538	231.1	-7.6	NO	0.993	NO	bb
10	10 200602M2_12	Standard	500.000	5.61	477917.094	10621.053	562.464	536.0	7.2	NO	0.993	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999776
Calibration curve: -6.37389e-005 * x^2 + 1.02027 * x + 0.196437
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	1.250	5.68	93.235	12048.773	1.155	0.9	-24.9	NO	1.000	NO	bb
2	2 200602M2_4	Standard	2.500	5.68	235.808	12487.409	2.817	2.6	2.8	NO	1.000	NO	bb
3	3 200602M2_5	Standard	5.000	5.67	415.094	11517.321	5.377	5.1	1.6	NO	1.000	NO	bb
4	4 200602M2_6	Standard	10.000	5.70	890.168	12000.436	11.067	10.7	6.6	NO	1.000	NO	bb
5	5 200602M2_7	Standard	25.000	5.69	2267.344	12386.980	27.310	26.6	6.5	NO	1.000	NO	bb
6	6 200602M2_8	Standard	50.000	5.69	4647.728	12657.648	54.784	53.7	7.4	NO	1.000	NO	bb
7	7 200602M2_9	Standard	250.000	5.69	20304.873	11797.867	256.783	255.6	2.2	NO	1.000	NO	bb
8	8 200602M2_10	Standard	500.000	5.69	40443.543	12404.584	486.447	491.7	-1.7	NO	1.000	NO	bb
9	9 200602M2_11	Standard	1250.000	5.69	96257.391	12304.621	1167.171	1239.8	-0.8	NO	1.000	NO	bb
10	10 200602M2_12	Standard	2500.000	5.69	176686.844	12216.688	2157.842	2507.6	0.3	NO	1.000	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.997709
Calibration curve: 0.000179968 * x^2 + 0.997 * x + 0.142458
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.85	348.081	13684.033	0.318	0.2	-29.6	NO	0.998	NO	dd
2	2 200602M2_4	Standard	0.500	5.84	722.925	14148.223	0.639	0.5	-0.5	NO	0.998	NO	bb
3	3 200602M2_5	Standard	1.000	5.84	1119.375	12696.537	1.102	1.0	-3.8	NO	0.998	NO	MM
4	4 200602M2_6	Standard	2.000	5.86	2209.054	14086.523	1.960	1.8	-8.9	NO	0.998	NO	bb
5	5 200602M2_7	Standard	5.000	5.85	5686.445	12365.666	5.748	5.6	12.3	NO	0.998	NO	MM
6	6 200602M2_8	Standard	10.000	5.85	13179.524	13183.940	12.496	12.4	23.6	NO	0.998	NO	bb
7	7 200602M2_9	Standard	50.000	5.86	55018.410	12190.937	56.413	55.9	11.8	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	5.86	107158.813	13291.910	100.774	99.2	-0.8	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	5.85	264435.250	13436.517	246.004	236.5	-5.4	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	5.86	467731.031	10621.053	550.476	505.8	1.2	NO	0.998	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.994891
Calibration curve: -0.000127338 * x^2 + 0.331844 * x + 0.0024081
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	5.87	81.888	10069.213	0.102	0.3	19.6	NO	0.995	NO	bb
2	2 200602M2_4	Standard	0.500	5.87	127.733	8936.553	0.179	0.5	6.3	NO	0.995	NO	bb
3	3 200602M2_5	Standard	1.000	5.86	235.703	9642.313	0.306	0.9	-8.6	NO	0.995	NO	bb
4	4 200602M2_6	Standard	2.000	5.88	527.070	10384.276	0.634	1.9	-4.7	NO	0.995	NO	bb
5	5 200602M2_7	Standard	5.000	5.88	1378.575	10660.908	1.616	4.9	-2.5	NO	0.995	NO	bb
6	6 200602M2_8	Standard	10.000	5.88	2658.872	11079.299	3.000	9.1	-9.4	NO	0.995	NO	bb
7	7 200602M2_9	Standard	50.000	5.88	12990.658	8953.688	18.136	55.8	11.7	NO	0.995	NO	bb
8	8 200602M2_10	Standard	100.000	5.88	23003.842	10518.670	27.337	85.2	-14.8	NO	0.995	NO	bb
9	9 200602M2_11	Standard	250.000	5.88	61745.438	9680.033	79.733	267.8	7.1	NO	0.995	NO	bb
10	10 200602M2_12	Standard	500.000	5.88	106170.109	10018.936	132.462	492.1	-1.6	NO	0.995	NO	bb

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998473
Calibration curve: -0.000244657 * x^2 + 1.40385 * x + -0.0205636
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	6.07	284.887	10069.213	0.354	0.3	6.6	NO	0.998	NO	MM
2	2 200602M2_4	Standard	0.500	6.07	550.638	8936.553	0.770	0.6	12.7	NO	0.998	NO	MM
3	3 200602M2_5	Standard	1.000	6.06	893.106	9642.313	1.158	0.8	-16.0	NO	0.998	NO	MM
4	4 200602M2_6	Standard	2.000	6.08	2031.875	10384.276	2.446	1.8	-12.1	NO	0.998	NO	MM
5	5 200602M2_7	Standard	5.000	6.07	4989.332	10660.908	5.850	4.2	-16.3	NO	0.998	NO	bb
6	6 200602M2_8	Standard	10.000	6.08	13927.731	11079.299	15.714	11.2	12.3	NO	0.998	NO	bb
7	7 200602M2_9	Standard	50.000	6.08	55421.219	8953.688	77.372	55.7	11.3	NO	0.998	NO	bb
8	8 200602M2_10	Standard	100.000	6.08	113752.570	10518.670	135.179	98.0	-2.0	NO	0.998	NO	bb
9	9 200602M2_11	Standard	250.000	6.08	252271.859	9680.033	325.763	242.3	-3.1	NO	0.998	NO	bb
10	10 200602M2_12	Standard	500.000	6.08	517319.250	10018.936	645.427	504.0	0.8	NO	0.998	NO	bb

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999508
Calibration curve: -2.50051e-005 * x^2 + 0.834616 * x + 0.218036
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200602M2_3	Standard	1.250	6.14	133.176	17573.693	1.131	1.1	-12.5	NO	1.000	NO	bb
2	2	200602M2_4	Standard	2.500	6.14	293.687	18665.232	2.348	2.6	2.1	NO	1.000	NO	MM
3	3	200602M2_5	Standard	5.000	6.13	541.015	17254.707	4.678	5.3	6.9	NO	1.000	NO	MM
4	4	200602M2_6	Standard	10.000	6.15	1021.092	17980.414	8.473	9.9	-1.1	NO	1.000	NO	bb
5	5	200602M2_7	Standard	25.000	6.15	2492.470	18670.820	19.918	23.6	-5.5	NO	1.000	NO	bb
6	6	200602M2_8	Standard	50.000	6.14	5715.681	19012.424	44.854	53.6	7.1	NO	1.000	NO	bb
7	7	200602M2_9	Standard	250.000	6.15	25202.154	17588.863	213.781	257.9	3.1	NO	1.000	NO	bb
8	8	200602M2_10	Standard	500.000	6.15	49917.824	17710.992	420.515	511.4	2.3	NO	1.000	NO	bb
9	9	200602M2_11	Standard	1250.000	6.15	112661.430	17253.852	974.222	1210.9	-3.1	NO	1.000	NO	bb
10	10	200602M2_12	Standard	2500.000	6.15	208168.781	15984.718	1943.030	2517.7	0.7	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998308
Calibration curve: -0.000372319 * x^2 + 0.611371 * x + 0.0748201
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200602M2_3	Standard	0.250	6.42	292.955	17044.021	0.215	0.2	-8.4	NO	0.998	NO	bb
2	2	200602M2_4	Standard	0.500	6.42	512.447	17878.150	0.358	0.5	-7.2	NO	0.998	NO	bb
3	3	200602M2_5	Standard	1.000	6.41	886.568	15900.569	0.697	1.0	1.8	NO	0.998	NO	bb
4	4	200602M2_6	Standard	2.000	6.42	1751.806	17660.455	1.240	1.9	-4.6	NO	0.998	NO	bb
5	5	200602M2_7	Standard	5.000	6.42	4175.458	16264.125	3.209	5.1	2.9	NO	0.998	NO	bb
6	6	200602M2_8	Standard	10.000	6.42	8506.565	14826.559	7.172	11.7	16.9	NO	0.998	NO	bb
7	7	200602M2_9	Standard	50.000	6.42	39167.008	16012.840	30.575	51.5	3.0	NO	0.998	NO	bb
8	8	200602M2_10	Standard	100.000	6.42	74824.000	17099.557	54.697	94.8	-5.2	NO	0.998	NO	bb
9	9	200602M2_11	Standard	250.000	6.42	160360.359	15354.340	130.550	252.1	0.9	NO	0.998	NO	bb
10	10	200602M2_12	Standard	500.000	6.43	336590.656	14188.232	296.540			NO	0.998	NO	bbXI

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999229
Calibration curve: 2.43011e-005 * x^2 + 0.83847 * x + 0.0201741
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	0.250	6.66	300.002	17044.021	0.220	0.2	-4.7	NO	0.999	NO	MM
2	2 200602M2_4	Standard	0.500	6.66	584.633	17878.150	0.409	0.5	-7.3	NO	0.999	NO	bb
3	3 200602M2_5	Standard	1.000	6.65	1165.755	15900.569	0.916	1.1	6.9	NO	0.999	NO	MM
4	4 200602M2_6	Standard	2.000	6.66	2286.973	17660.455	1.619	1.9	-4.7	NO	0.999	NO	bb
5	5 200602M2_7	Standard	5.000	6.66	5504.396	16264.125	4.230	5.0	0.4	NO	0.999	NO	MM
6	6 200602M2_8	Standard	10.000	6.66	12254.186	14826.559	10.331	12.3	22.9	NO	0.999	NO	MM
7	7 200602M2_9	Standard	50.000	6.66	53177.684	16012.840	41.512	49.4	-1.2	NO	0.999	NO	MM
8	8 200602M2_10	Standard	100.000	6.66	110763.680	17099.557	80.970	96.3	-3.7	NO	0.999	NO	MM
9	9 200602M2_11	Standard	250.000	6.66	262110.156	15354.340	213.384	252.6	1.0	NO	0.999	NO	MM
10	10 200602M2_12	Standard	500.000	6.66	482235.563	14188.232	424.855	499.4	-0.1	NO	0.999	NO	MM

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.997602
Calibration curve: -4.72848e-005 * x^2 + 1.09872 * x + -0.358875
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	1.250	6.36	66.303	9408.571	1.051	1.3	2.7	NO	0.998	NO	bb
2	2 200602M2_4	Standard	2.500	6.36	169.354	9338.965	2.706	2.8	11.6	NO	0.998	NO	bb
3	3 200602M2_5	Standard	5.000	6.36	309.007	8919.407	5.169	5.0	0.6	NO	0.998	NO	MM
4	4 200602M2_6	Standard	10.000	6.37	628.349	8399.601	11.161	10.5	4.9	NO	0.998	NO	bb
5	5 200602M2_7	Standard	25.000	6.36	1587.475	8631.237	27.441	25.3	1.3	NO	0.998	NO	bb
6	6 200602M2_8	Standard	50.000	6.37	3195.985	9985.645	47.753	43.9	-12.3	NO	0.998	NO	bb
7	7 200602M2_9	Standard	250.000	6.37	13879.154	8842.085	234.195	215.5	-13.8	NO	0.998	NO	bb
8	8 200602M2_10	Standard	500.000	6.37	30817.045	8514.460	540.011	502.7	0.5	NO	0.998	NO	bb
9	9 200602M2_11	Standard	1250.000	6.37	74985.141	8153.653	1372.119	1324.7	6.0	NO	0.998	NO	bb
10	10 200602M2_12	Standard	2500.000	6.37	160837.656	9925.475	2417.716	2461.6	-1.5	NO	0.998	NO	bb

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Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999434
Calibration curve: -5.71805e-005 * x^2 + 1.17924 * x + -0.116433
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	1.250	6.52	85.653	9308.319	1.373	1.3	1.0	NO	0.999	NO	bb
2	2 200602M2_4	Standard	2.500	6.51	206.929	9994.240	3.089	2.7	8.7	NO	0.999	NO	MM
3	3 200602M2_5	Standard	5.000	6.51	380.317	10061.460	5.640	4.9	-2.4	NO	0.999	NO	bb
4	4 200602M2_6	Standard	10.000	6.52	825.899	10502.788	11.733	10.1	0.5	NO	0.999	NO	MM
5	5 200602M2_7	Standard	25.000	6.52	2125.454	10916.687	29.049	24.8	-1.0	NO	0.999	NO	MM
6	6 200602M2_8	Standard	50.000	6.52	3684.056	10920.385	50.333	42.9	-14.3	NO	0.999	NO	MM
7	7 200602M2_9	Standard	250.000	6.52	18364.865	9508.452	288.169	247.4	-1.0	NO	0.999	NO	bb
8	8 200602M2_10	Standard	500.000	6.52	38001.430	10038.942	564.782	490.7	-1.9	NO	0.999	NO	bb
9	9 200602M2_11	Standard	1250.000	6.52	92448.508	9692.123	1423.147	1287.3	3.0	NO	0.999	NO	bb
10	10 200602M2_12	Standard	2500.000	6.52	173395.375	10051.220	2573.876	2481.3	-0.7	NO	0.999	NO	MM

Compound name: 13C3-PFBA-EIS
Response Factor: 174.31
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	1.31	1997.983		1997.983	11.5	-8.3	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	1.30	2167.429		2167.429	12.4	-0.5	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	1.30	1998.568		1998.568	11.5	-8.3	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	1.31	2035.895		2035.895	11.7	-6.6	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	1.31	1984.113		1984.113	11.4	-8.9	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	1.30	2178.872		2178.872	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	1.30	2067.052		2067.052	11.9	-5.1	NO		NO	MMX
8	8 200602M2_10	Standard	12.500	1.30	2064.469		2064.469	11.8	-5.3	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	1.30	1903.509		1903.509	10.9	-12.6	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	1.31	2141.626		2141.626	12.3	-1.7	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.739412
RRF SD: 0.037619, Relative SD: 5.08768
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	1.31	1997.983	2788.703	8.956	12.1	-3.1	NO		NO	bb
2	2 200602M2_4	Standard	12.500	1.30	2167.429	2827.087	9.583	13.0	3.7	NO		NO	bb
3	3 200602M2_5	Standard	12.500	1.30	1998.568	2569.286	9.723	13.2	5.2	NO		NO	bb
4	4 200602M2_6	Standard	12.500	1.31	2035.895	2699.919	9.426	12.7	2.0	NO		NO	bb
5	5 200602M2_7	Standard	12.500	1.31	1984.113	2762.857	8.977	12.1	-2.9	NO		NO	bb
6	6 200602M2_8	Standard	12.500	1.30	2178.872	2918.571	9.332	12.6	1.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	1.30	2061.962	2840.533	9.074	12.3	-1.8	NO		NO	MM
8	8 200602M2_10	Standard	12.500	1.30	2064.469	2705.128	9.540	12.9	3.2	NO		NO	bb
9	9 200602M2_11	Standard	12.500	1.30	1903.509	2914.535	8.164	11.0	-11.7	NO		NO	bb
10	10 200602M2_12	Standard	12.500	1.31	2143.533	2775.884	9.652	13.1	4.4	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 355.452
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	2.24	4110.209		4110.209	11.6	-7.5	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	2.24	4052.406		4052.406	11.4	-8.8	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	2.24	4161.604		4161.604	11.7	-6.3	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	2.26	4131.624		4131.624	11.6	-7.0	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	2.25	4264.302		4264.302	12.0	-4.0	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	2.24	4443.155		4443.155	12.5	0.0	NO		NO	MM
7	7 200602M2_9	Standard	12.500	2.24	3922.071		3922.071	11.0	-11.7	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	2.25	4083.173		4083.173	11.5	-8.1	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	2.24	4065.177		4065.177	11.4	-8.5	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	2.25	4150.504		4150.504	11.7	-6.6	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.514209
RRF SD: 0.032154, Relative SD: 6.2531
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	2.24	4110.209	8645.138	5.943	11.6	-7.5	NO		NO	bb
2	2 200602M2_4	Standard	12.500	2.24	4051.246	7883.896	6.423	12.5	-0.1	NO		NO	MM
3	3 200602M2_5	Standard	12.500	2.24	4161.604	7877.234	6.604	12.8	2.7	NO		NO	bb
4	4 200602M2_6	Standard	12.500	2.26	4131.624	8645.813	5.973	11.6	-7.1	NO		NO	bb
5	5 200602M2_7	Standard	12.500	2.25	4264.302	8387.303	6.355	12.4	-1.1	NO		NO	bb
6	6 200602M2_8	Standard	12.500	2.24	4448.420	8327.790	6.677	13.0	3.9	NO		NO	MM
7	7 200602M2_9	Standard	12.500	2.24	3922.071	8386.038	5.846	11.4	-9.0	NO		NO	bb
8	8 200602M2_10	Standard	12.500	2.25	4083.173	7301.283	6.991	13.6	8.8	NO		NO	bb
9	9 200602M2_11	Standard	12.500	2.24	4065.177	7770.842	6.539	12.7	1.7	NO		NO	bb
10	10 200602M2_12	Standard	12.500	2.25	4151.322	7494.029	6.924	13.5	7.7	NO		NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 74.7049
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	2.52	932.370		932.370	12.5	-0.2	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	2.52	1008.785		1008.785	13.5	8.0	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	2.51	940.858		940.858	12.6	0.8	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	2.54	919.532		919.532	12.3	-1.5	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	2.53	886.062		886.062	11.9	-5.1	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	2.52	933.811		933.811	12.5	0.0	NO		NO	MM
7	7 200602M2_9	Standard	12.500	2.53	1017.286		1017.286	13.6	8.9	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	2.53	900.792		900.792	12.1	-3.5	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	2.53	874.016		874.016	11.7	-6.4	NO		NO	MMX
10	10 200602M2_12	Standard	12.500	2.53	826.654		826.654	11.1	-11.5	NO		NO	MMX

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Compound name: 13C3-PFBS-RSD
Response Factor: 0.788653
RRF SD: 0.141389, Relative SD: 17.9279
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	2.52	932.892	1138.101	10.246	13.0	3.9	NO		NO	MM
2	2 200602M2_4	Standard	12.500	2.52	1008.785	1332.639	9.462	12.0	-4.0	NO		NO	bb
3	3 200602M2_5	Standard	12.500	2.51	940.858	1295.639	9.077	11.5	-7.9	NO		NO	bb
4	4 200602M2_6	Standard	12.500	2.54	919.532	1235.959	9.300	11.8	-5.7	NO		NO	bb
5	5 200602M2_7	Standard	12.500	2.53	886.062	1148.381	9.645	12.2	-2.2	NO		NO	bb
6	6 200602M2_8	Standard	12.500	2.52	934.518	1154.601	10.117	12.8	2.6	NO		NO	MM
7	7 200602M2_9	Standard	12.500	2.53	1017.286	873.335	14.560	18.5	47.7	NO		NO	bb
8	8 200602M2_10	Standard	12.500	2.53	900.792	1408.869	7.992	10.1	-18.9	NO		NO	bb
9	9 200602M2_11	Standard	12.500	2.53	874.062	1202.765	9.084	11.5	-7.9	NO		NO	MM
10	10 200602M2_12	Standard	12.500	2.53	830.417	1140.951	9.098	11.5	-7.7	NO		NO	MM

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 71.041
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.26	829.233		829.233	11.7	-6.6	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	3.26	958.185		958.185	13.5	7.9	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	3.26	853.262		853.262	12.0	-3.9	NO		NO	MMX
4	4 200602M2_6	Standard	12.500	3.28	873.231		873.231	12.3	-1.7	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	3.27	810.008		810.008	11.4	-8.8	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	3.26	888.013		888.013	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.27	896.219		896.219	12.6	0.9	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	3.27	879.814		879.814	12.4	-0.9	NO		NO	MMX
9	9 200602M2_11	Standard	12.500	3.27	844.465		844.465	11.9	-4.9	NO		NO	MMX
10	10 200602M2_12	Standard	12.500	3.27	878.462		878.462	12.4	-1.1	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.108323
RRF SD: 0.00913711, Relative SD: 8.43506
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.26	829.233	8645.138	1.199	11.1	-11.5	NO		NO	bb
2	2 200602M2_4	Standard	12.500	3.26	958.185	7883.896	1.519	14.0	12.2	NO		NO	bb
3	3 200602M2_5	Standard	12.500	3.26	853.595	7877.234	1.355	12.5	0.0	NO		NO	MM
4	4 200602M2_6	Standard	12.500	3.28	873.231	8645.813	1.263	11.7	-6.8	NO		NO	bb
5	5 200602M2_7	Standard	12.500	3.27	810.008	8387.303	1.207	11.1	-10.8	NO		NO	bb
6	6 200602M2_8	Standard	12.500	3.26	888.013	8327.790	1.333	12.3	-1.6	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.27	896.219	8386.038	1.336	12.3	-1.3	NO		NO	bb
8	8 200602M2_10	Standard	12.500	3.27	879.426	7301.283	1.506	13.9	11.2	NO		NO	MM
9	9 200602M2_11	Standard	12.500	3.27	844.407	7770.842	1.358	12.5	0.3	NO		NO	MM
10	10 200602M2_12	Standard	12.500	3.27	878.462	7494.029	1.465	13.5	8.2	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 105.403
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	2.95	1326.936		1326.936	12.6	0.7	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	2.95	1266.787		1266.787	12.0	-3.9	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	2.95	1261.722		1261.722	12.0	-4.2	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	2.98	1260.068		1260.068	12.0	-4.4	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	2.98	1326.629		1326.629	12.6	0.7	NO		NO	MMX
6	6 200602M2_8	Standard	12.500	2.96	1317.540		1317.540	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	2.96	1285.549		1285.549	12.2	-2.4	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	2.96	1195.955		1195.955	11.3	-9.2	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	2.96	1245.877		1245.877	11.8	-5.4	NO		NO	MMX
10	10 200602M2_12	Standard	12.500	2.96	1021.388		1021.388	9.7	-22.5	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.06577
RRF SD: 0.17937, Relative SD: 16.83
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	2.95	1326.936	1138.101	14.574	13.7	9.4	NO		NO	bb
2	2 200602M2_4	Standard	12.500	2.95	1266.787	1332.639	11.882	11.1	-10.8	NO		NO	bb
3	3 200602M2_5	Standard	12.500	2.95	1261.722	1295.639	12.173	11.4	-8.6	NO		NO	bb
4	4 200602M2_6	Standard	12.500	2.98	1260.068	1235.959	12.744	12.0	-4.3	NO		NO	bb
5	5 200602M2_7	Standard	12.500	2.98	1326.221	1148.381	14.436	13.5	8.4	NO		NO	MM
6	6 200602M2_8	Standard	12.500	2.96	1317.540	1154.601	14.264	13.4	7.1	NO		NO	bb
7	7 200602M2_9	Standard	12.500	2.96	1285.549	873.335	18.400	17.3	38.1	NO		NO	bb
8	8 200602M2_10	Standard	12.500	2.96	1195.955	1408.869	10.611	10.0	-20.4	NO		NO	bb
9	9 200602M2_11	Standard	12.500	2.96	1245.867	1202.765	12.948	12.1	-2.8	NO		NO	MM
10	10 200602M2_12	Standard	12.500	2.96	1021.388	1140.951	11.190	10.5	-16.0	NO		NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 673.292
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.04	7964.864		7964.864	11.8	-5.4	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	3.04	8163.996		8163.996	12.1	-3.0	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	3.04	7634.610		7634.610	11.3	-9.3	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	3.06	7845.765		7845.765	11.7	-6.8	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	3.05	7983.208		7983.208	11.9	-5.1	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	3.04	8416.155		8416.155	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.05	8154.891		8154.891	12.1	-3.1	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	3.05	7616.120		7616.120	11.3	-9.5	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	3.05	7933.196		7933.196	11.8	-5.7	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	3.05	7873.584		7873.584	11.7	-6.4	NO		NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.988268
RRF SD: 0.0513151, Relative SD: 5.19243
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.04	7961.842	8645.138	11.512	11.6	-6.8	NO		NO	MM
2	2 200602M2_4	Standard	12.500	3.04	8163.996	7883.896	12.944	13.1	4.8	NO		NO	bb
3	3 200602M2_5	Standard	12.500	3.04	7634.610	7877.234	12.115	12.3	-1.9	NO		NO	bb
4	4 200602M2_6	Standard	12.500	3.06	7845.765	8645.813	11.343	11.5	-8.2	NO		NO	bb
5	5 200602M2_7	Standard	12.500	3.05	7983.208	8387.303	11.898	12.0	-3.7	NO		NO	bb
6	6 200602M2_8	Standard	12.500	3.04	8416.155	8327.790	12.633	12.8	2.3	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.05	8154.891	8386.038	12.155	12.3	-1.6	NO		NO	bb
8	8 200602M2_10	Standard	12.500	3.05	7616.120	7301.283	13.039	13.2	5.6	NO		NO	bb
9	9 200602M2_11	Standard	12.500	3.05	7933.196	7770.842	12.761	12.9	3.3	NO		NO	bb
10	10 200602M2_12	Standard	12.500	3.05	7873.584	7494.029	13.133	13.3	6.3	NO		NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 418.493
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.65	5100.479		5100.479	12.2	-2.5	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	3.65	5124.096		5124.096	12.2	-2.0	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	3.65	5048.577		5048.577	12.1	-3.5	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	3.67	5014.547		5014.547	12.0	-4.1	NO		NO	MMX
5	5 200602M2_7	Standard	12.500	3.67	5109.760		5109.760	12.2	-2.3	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	3.65	5231.168		5231.168	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.66	5321.714		5321.714	12.7	1.7	NO		NO	MMX
8	8 200602M2_10	Standard	12.500	3.66	4834.429		4834.429	11.6	-7.6	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	3.66	4939.662		4939.662	11.8	-5.6	NO		NO	MMX
10	10 200602M2_12	Standard	12.500	3.66	4337.029		4337.029	10.4	-17.1	NO		NO	MMX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.620399
RRF SD: 0.0304599, Relative SD: 4.90973
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.65	5098.508	8645.138	7.372	11.9	-4.9	NO		NO	MM
2	2 200602M2_4	Standard	12.500	3.65	5124.096	7883.896	8.124	13.1	4.8	NO		NO	bb
3	3 200602M2_5	Standard	12.500	3.65	5048.577	7877.234	8.011	12.9	3.3	NO		NO	bb
4	4 200602M2_6	Standard	12.500	3.67	5015.190	8645.813	7.251	11.7	-6.5	NO		NO	MM
5	5 200602M2_7	Standard	12.500	3.67	5109.760	8387.303	7.615	12.3	-1.8	NO		NO	bb
6	6 200602M2_8	Standard	12.500	3.65	5231.168	8327.790	7.852	12.7	1.3	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.66	5320.921	8386.038	7.931	12.8	2.3	NO		NO	MM
8	8 200602M2_10	Standard	12.500	3.66	4834.429	7301.283	8.277	13.3	6.7	NO		NO	bb
9	9 200602M2_11	Standard	12.500	3.66	4936.185	7770.842	7.940	12.8	2.4	NO		NO	MM
10	10 200602M2_12	Standard	12.500	3.66	4302.125	7494.029	7.176	11.6	-7.5	NO		NO	MM

Compound name: 13C3-PFHxS-EIS
Response Factor: 185.544
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.79	2329.619		2329.619	12.6	0.4	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	3.79	2222.541		2222.541	12.0	-4.2	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	3.79	2408.654		2408.654	13.0	3.9	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	3.82	2529.256		2529.256	13.6	9.1	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	3.81	2528.660		2528.660	13.6	9.0	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	3.80	2319.297		2319.297	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.80	2032.870		2032.870	11.0	-12.3	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	3.80	2617.798		2617.798	14.1	12.9	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	3.80	2077.457		2077.457	11.2	-10.4	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	3.80	2015.130		2015.130	10.9	-13.1	NO		NO	MMX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 1.95141
RRF SD: 0.212554, Relative SD: 10.8923
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.79	2329.619	1138.101	25.587	13.1	4.9	NO		NO	bb
2	2 200602M2_4	Standard	12.500	3.79	2222.207	1332.639	20.844	10.7	-14.5	NO		NO	MM
3	3 200602M2_5	Standard	12.500	3.79	2408.654	1295.639	23.238	11.9	-4.7	NO		NO	bb
4	4 200602M2_6	Standard	12.500	3.82	2529.256	1235.959	25.580	13.1	4.9	NO		NO	bb
5	5 200602M2_7	Standard	12.500	3.81	2528.660	1148.381	27.524	14.1	12.8	NO		NO	bb
6	6 200602M2_8	Standard	12.500	3.80	2319.297	1154.601	25.109	12.9	2.9	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.80	2032.870	873.335	29.096	14.9	19.3	NO		NO	bb
8	8 200602M2_10	Standard	12.500	3.80	2617.798	1408.869	23.226	11.9	-4.8	NO		NO	bb
9	9 200602M2_11	Standard	12.500	3.80	2077.457	1202.765	21.590	11.1	-11.5	NO		NO	bb
10	10 200602M2_12	Standard	12.500	3.80	2020.056	1140.951	22.131	11.3	-9.3	NO		NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 101.13
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.10	1142.631		1142.631	11.3	-9.6	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	4.10	1042.388		1042.388	10.3	-17.5	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	4.10	1304.876		1304.876	12.9	3.2	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	4.12	939.807		939.807	9.3	-25.7	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	4.12	1205.807		1205.807	11.9	-4.6	NO		NO	MMX
6	6 200602M2_8	Standard	12.500	4.11	1264.120		1264.120	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.11	961.519		961.519	9.5	-23.9	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	4.11	1223.811		1223.811	12.1	-3.2	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	4.11	1128.528		1128.528	11.2	-10.7	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	4.11	986.722		986.722	9.8	-21.9	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.441857
RRF SD: 0.052652, Relative SD: 11.9161
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.10	1142.631	2738.776	5.215	11.8	-5.6	NO		NO	bb
2	2 200602M2_4	Standard	12.500	4.10	1042.388	2558.102	5.094	11.5	-7.8	NO		NO	bb
3	3 200602M2_5	Standard	12.500	4.10	1304.876	2490.576	6.549	14.8	18.6	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.12	939.807	2696.172	4.357	9.9	-21.1	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.12	1210.030	2561.790	5.904	13.4	6.9	NO		NO	MM
6	6 200602M2_8	Standard	12.500	4.11	1264.120	2854.913	5.535	12.5	0.2	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.11	961.519	2359.034	5.095	11.5	-7.8	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.11	1223.811	2519.206	6.072	13.7	9.9	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.11	1128.528	2271.444	6.210	14.1	12.4	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.11	986.722	2371.708	5.200	11.8	-5.8	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 674.136
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.59	7287.370		7287.370	10.8	-13.5	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	4.59	9325.218		9325.218	13.8	10.7	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	4.59	8457.264		8457.264	12.5	0.4	NO		NO	MMX
4	4 200602M2_6	Standard	12.500	4.62	8170.914		8170.914	12.1	-3.0	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	4.61	8358.867		8358.867	12.4	-0.8	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	4.60	8426.694		8426.694	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.61	7671.597		7671.597	11.4	-9.0	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	4.61	8643.719		8643.719	12.8	2.6	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	4.61	7641.395		7641.395	11.3	-9.3	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	4.61	7155.341		7155.341	10.6	-15.1	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.916782
RRF SD: 0.0986071, Relative SD: 10.7558
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.59	7284.074	8175.555	11.137	12.1	-2.8	NO		NO	MM
2	2 200602M2_4	Standard	12.500	4.59	9326.479	9231.919	12.628	13.8	10.2	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.59	8440.563	9566.457	11.029	12.0	-3.8	NO		NO	MM
4	4 200602M2_6	Standard	12.500	4.62	8170.914	10087.046	10.126	11.0	-11.6	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.61	8358.867	8887.562	11.756	12.8	2.6	NO		NO	bb
6	6 200602M2_8	Standard	12.500	4.60	8426.694	10805.807	9.748	10.6	-14.9	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.61	7671.597	8817.506	10.876	11.9	-5.1	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.61	8643.719	8004.076	13.499	14.7	17.8	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.61	7641.395	7358.872	12.980	14.2	13.3	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.61	7155.341	8266.491	10.820	11.8	-5.6	NO		NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 231.112
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.64	2562.391		2562.391	11.1	-11.3	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	4.64	2830.766		2830.766	12.2	-2.0	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	4.64	2704.049		2704.049	11.7	-6.4	NO		NO	MMX
4	4 200602M2_6	Standard	12.500	4.67	2554.600		2554.600	11.1	-11.6	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	4.66	2570.497		2570.497	11.1	-11.0	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	4.66	2888.896		2888.896	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.66	2695.589		2695.589	11.7	-6.7	NO		NO	bdX
8	8 200602M2_10	Standard	12.500	4.66	2292.461		2292.461	9.9	-20.6	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	4.66	2221.370		2221.370	9.6	-23.1	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	4.66	2409.804		2409.804	10.4	-16.6	NO		NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.216396
RRF SD: 0.0366554, Relative SD: 16.939
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.64	2562.664	13890.658	2.306	10.7	-14.7	NO		NO	MM
2	2 200602M2_4	Standard	12.500	4.64	2830.766	10830.414	3.267	15.1	20.8	NO		NO	bb
3	3 200602M2_5	Standard	12.500	4.64	2701.798	12528.332	2.696	12.5	-0.3	NO		NO	MM
4	4 200602M2_6	Standard	12.500	4.67	2554.600	12957.415	2.464	11.4	-8.9	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.66	2570.497	13919.778	2.308	10.7	-14.7	NO		NO	bb
6	6 200602M2_8	Standard	12.500	4.66	2888.896	11269.047	3.204	14.8	18.5	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.66	2695.589	9951.974	3.386	15.6	25.2	NO		NO	bd
8	8 200602M2_10	Standard	12.500	4.66	2292.461	13645.028	2.100	9.7	-22.4	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.66	2221.370	11483.477	2.418	11.2	-10.6	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.66	2409.804	10388.708	2.900	13.4	7.2	NO		NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 778.175
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.15	9804.598		9804.598	12.6	0.8	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	4.15	9708.536		9708.536	12.5	-0.2	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	4.15	9741.494		9741.494	12.5	0.1	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	4.18	10053.443		10053.443	12.9	3.4	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	4.17	10042.346		10042.346	12.9	3.2	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	4.16	9727.192		9727.192	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.17	9273.452		9273.452	11.9	-4.7	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	4.17	9398.330		9398.330	12.1	-3.4	NO		NO	MMX
9	9 200602M2_11	Standard	12.500	4.17	9389.295		9389.295	12.1	-3.5	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	4.17	8701.974		8701.974	11.2	-10.5	NO		NO	MMX

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Compound name: 13C2-PFOA-RSD
Response Factor: 0.791955
RRF SD: 0.0359931, Relative SD: 4.54485
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.15	9804.598	12982.618	9.440	11.9	-4.6	NO		NO	bb
2	2 200602M2_4	Standard	12.500	4.15	9711.624	11501.641	10.555	13.3	6.6	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.15	9741.494	12553.914	9.700	12.2	-2.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.18	10053.443	12653.374	9.932	12.5	0.3	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.17	10042.346	12615.410	9.950	12.6	0.5	NO		NO	bb
6	6 200602M2_8	Standard	12.500	4.16	9727.192	12592.119	9.656	12.2	-2.5	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.17	9273.452	12473.290	9.293	11.7	-6.1	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.17	9400.314	12264.941	9.580	12.1	-3.2	NO		NO	MM
9	9 200602M2_11	Standard	12.500	4.17	9389.295	11140.945	10.535	13.3	6.4	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.17	8691.970	10494.037	10.353	13.1	4.6	NO		NO	MM

Compound name: 13C8-PFOS-EIS
Response Factor: 212.65
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.68	2710.988		2710.988	12.7	2.0	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	4.68	2752.348		2752.348	12.9	3.5	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	4.68	3024.244		3024.244	14.2	13.8	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	4.70	2179.383		2179.383	10.2	-18.0	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	4.70	2850.941		2850.941	13.4	7.3	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	4.69	2658.124		2658.124	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.69	2396.896		2396.896	11.3	-9.8	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	4.70	2683.621		2683.621	12.6	1.0	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	4.69	1917.792		1917.792	9.0	-27.9	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	4.69	2374.921		2374.921	11.2	-10.7	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 1.00595
RRF SD: 0.122226, Relative SD: 12.1503
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.68	2710.988	2738.776	12.373	12.3	-1.6	NO		NO	bb
2	2 200602M2_4	Standard	12.500	4.68	2752.943	2558.102	13.452	13.4	7.0	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.68	3024.244	2490.576	15.178	15.1	20.7	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.70	2179.383	2696.172	10.104	10.0	-19.6	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.70	2850.941	2561.790	13.911	13.8	10.6	NO		NO	bb
6	6 200602M2_8	Standard	12.500	4.69	2658.124	2854.913	11.638	11.6	-7.4	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.69	2396.896	2359.034	12.701	12.6	1.0	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.70	2683.621	2519.206	13.316	13.2	5.9	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.69	1917.792	2271.444	10.554	10.5	-16.1	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.69	2374.921	2371.708	12.517	12.4	-0.5	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 717.399
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.97	8954.692		8954.692	12.5	-0.1	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	4.98	9145.722		9145.722	12.7	2.0	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	4.97	9120.313		9120.313	12.7	1.7	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	4.99	8578.435		8578.435	12.0	-4.3	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	4.99	8480.923		8480.923	11.8	-5.4	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	4.98	8967.491		8967.491	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.98	7498.359		7498.359	10.5	-16.4	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	4.99	8370.115		8370.115	11.7	-6.7	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	4.98	8040.447		8040.447	11.2	-10.3	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	4.99	7894.739		7894.739	11.0	-12.0	NO		NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 0.903356
RRF SD: 0.0568147, Relative SD: 6.2893
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.97	8953.940	9515.726	11.762	13.0	4.2	NO		NO	MM
2	2 200602M2_4	Standard	12.500	4.98	9145.607	10398.882	10.993	12.2	-2.6	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.97	9120.313	9986.726	11.416	12.6	1.1	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.99	8578.435	9697.893	11.057	12.2	-2.1	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.99	8480.923	10702.180	9.906	11.0	-12.3	NO		NO	bb
6	6 200602M2_8	Standard	12.500	4.98	8967.491	10511.157	10.664	11.8	-5.6	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.98	7498.359	7900.686	11.863	13.1	5.1	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.99	8370.115	8483.432	12.333	13.7	9.2	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.98	8040.447	8449.384	11.895	13.2	5.3	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.99	7894.739	8946.921	11.030	12.2	-2.3	NO		NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 107.927
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.94	951.731		951.731	8.8	-29.5	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	4.94	1535.052		1535.052	14.2	13.8	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	4.94	961.914		961.914	8.9	-28.7	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	4.97	1195.768		1195.768	11.1	-11.4	NO		NO	MMX
5	5 200602M2_7	Standard	12.500	4.95	1420.762		1420.762	13.2	5.3	NO		NO	MMX
6	6 200602M2_8	Standard	12.500	4.95	1349.093		1349.093	12.5	0.0	NO		NO	MM
7	7 200602M2_9	Standard	12.500	4.95	1204.863		1204.863	11.2	-10.7	NO		NO	MMX
8	8 200602M2_10	Standard	12.500	4.96	1145.523		1145.523	10.6	-15.1	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	4.95	1265.034		1265.034	11.7	-6.2	NO		NO	MMX
10	10 200602M2_12	Standard	12.500	4.95	1219.898		1219.898	11.3	-9.6	NO		NO	MMX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.483837
RRF SD: 0.0792798, Relative SD: 16.3856
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.94	951.731	2738.776	4.344	9.0	-28.2	NO		NO	bb
2	2 200602M2_4	Standard	12.500	4.94	1535.052	2558.102	7.501	15.5	24.0	NO		NO	bb
3	3 200602M2_5	Standard	12.500	4.94	961.914	2490.576	4.828	10.0	-20.2	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.97	1188.219	2696.172	5.509	11.4	-8.9	NO		NO	MM
5	5 200602M2_7	Standard	12.500	4.95	1422.376	2561.790	6.940	14.3	14.8	NO		NO	MM
6	6 200602M2_8	Standard	12.500	4.95	1348.862	2854.913	5.906	12.2	-2.3	NO		NO	MM
7	7 200602M2_9	Standard	12.500	4.95	1200.577	2359.034	6.362	13.1	5.2	NO		NO	MM
8	8 200602M2_10	Standard	12.500	4.96	1145.523	2519.206	5.684	11.7	-6.0	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.95	1265.737	2271.444	6.965	14.4	15.2	NO		NO	MM
10	10 200602M2_12	Standard	12.500	4.95	1222.104	2371.708	6.441	13.3	6.5	NO		NO	MM

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 596.47
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.12	6499.031		6499.031	10.9	-12.8	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	5.12	6458.771		6458.771	10.8	-13.4	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	5.12	5721.359		5721.359	9.6	-23.3	NO		NO	MMX
4	4 200602M2_6	Standard	12.500	5.14	6320.023		6320.023	10.6	-15.2	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	5.14	6581.178		6581.178	11.0	-11.7	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	5.13	7455.871		7455.871	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.13	6395.959		6395.959	10.7	-14.2	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	5.14	6687.328		6687.328	11.2	-10.3	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	5.14	6472.953		6472.953	10.9	-13.2	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	5.14	6606.673		6606.673	11.1	-11.4	NO		NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.547544
RRF SD: 0.0813747, Relative SD: 14.8618
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.12	6499.128	13890.658	5.848	10.7	-14.5	NO		NO	MM
2	2 200602M2_4	Standard	12.500	5.12	6458.771	10830.414	7.454	13.6	8.9	NO		NO	bb
3	3 200602M2_5	Standard	12.500	5.12	5720.962	12528.332	5.708	10.4	-16.6	NO		NO	MM
4	4 200602M2_6	Standard	12.500	5.14	6320.023	12957.415	6.097	11.1	-10.9	NO		NO	bb
5	5 200602M2_7	Standard	12.500	5.14	6581.178	13919.778	5.910	10.8	-13.7	NO		NO	bb
6	6 200602M2_8	Standard	12.500	5.13	7455.871	11269.047	8.270	15.1	20.8	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.13	6395.959	9951.974	8.034	14.7	17.4	NO		NO	bb
8	8 200602M2_10	Standard	12.500	5.14	6687.328	13645.028	6.126	11.2	-10.5	NO		NO	bb
9	9 200602M2_11	Standard	12.500	5.14	6472.953	11483.477	7.046	12.9	2.9	NO		NO	bb
10	10 200602M2_12	Standard	12.500	5.14	6606.673	10388.708	7.949	14.5	16.1	NO		NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1057.42
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.30	14893.706		14893.706	14.1	12.7	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	5.30	10760.374		10760.374	10.2	-18.6	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	5.30	12741.857		12741.857	12.0	-3.6	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	5.32	11414.250		11414.250	10.8	-13.6	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	5.31	13516.973		13516.973	12.8	2.3	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	5.31	13217.787		13217.787	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.31	13101.624		13101.624	12.4	-0.9	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	5.32	12886.741		12886.741	12.2	-2.5	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	5.31	9589.660		9589.660	9.1	-27.4	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	5.31	11663.207		11663.207	11.0	-11.8	NO		NO	MMX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.03277
RRF SD: 0.143493, Relative SD: 13.894
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.30	14895.020	13890.658	13.404	13.0	3.8	NO		NO	MM
2	2 200602M2_4	Standard	12.500	5.30	10770.394	10830.414	12.431	12.0	-3.7	NO		NO	MM
3	3 200602M2_5	Standard	12.500	5.30	12741.857	12528.332	12.713	12.3	-1.5	NO		NO	bb
4	4 200602M2_6	Standard	12.500	5.32	11414.250	12957.415	11.011	10.7	-14.7	NO		NO	bb
5	5 200602M2_7	Standard	12.500	5.31	13516.973	13919.778	12.138	11.8	-6.0	NO		NO	bb
6	6 200602M2_8	Standard	12.500	5.31	13217.787	11269.047	14.662	14.2	13.6	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.31	13101.624	9951.974	16.456	15.9	27.5	NO		NO	bb
8	8 200602M2_10	Standard	12.500	5.32	12886.741	13645.028	11.805	11.4	-8.6	NO		NO	bb
9	9 200602M2_11	Standard	12.500	5.31	9589.660	11483.477	10.439	10.1	-19.1	NO		NO	bb
10	10 200602M2_12	Standard	12.500	5.31	11666.383	10388.708	14.037	13.6	8.7	NO		NO	MM

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 475.939
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.28	5847.295		5847.295	12.3	-1.7	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	5.28	6533.009		6533.009	13.7	9.8	NO		NO	MMX
3	3 200602M2_5	Standard	12.500	5.28	6720.531		6720.531	14.1	13.0	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	5.29	5827.595		5827.595	12.2	-2.0	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	5.30	6832.311		6832.311	14.4	14.8	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	5.29	5949.242		5949.242	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.29	5054.661		5054.661	10.6	-15.0	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	5.30	5493.164		5493.164	11.5	-7.7	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	5.29	5889.822		5889.822	12.4	-1.0	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	5.30	5307.480		5307.480	11.2	-10.8	NO		NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.496328
RRF SD: 0.0589759, Relative SD: 11.8824
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.28	5847.295	13890.658	5.262	10.6	-15.2	NO		NO	bb
2	2 200602M2_4	Standard	12.500	5.28	6532.099	10830.414	7.539	15.2	21.5	NO		NO	MM
3	3 200602M2_5	Standard	12.500	5.28	6720.531	12528.332	6.705	13.5	8.1	NO		NO	bb
4	4 200602M2_6	Standard	12.500	5.29	5827.595	12957.415	5.622	11.3	-9.4	NO		NO	bb
5	5 200602M2_7	Standard	12.500	5.30	6832.311	13919.778	6.135	12.4	-1.1	NO		NO	bb
6	6 200602M2_8	Standard	12.500	5.29	5949.242	11269.047	6.599	13.3	6.4	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.29	5054.661	9951.974	6.349	12.8	2.3	NO		NO	bb
8	8 200602M2_10	Standard	12.500	5.30	5493.164	13645.028	5.032	10.1	-18.9	NO		NO	bb
9	9 200602M2_11	Standard	12.500	5.29	5889.822	11483.477	6.411	12.9	3.3	NO		NO	bb
10	10 200602M2_12	Standard	12.500	5.30	5307.480	10388.708	6.386	12.9	2.9	NO		NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1054.72
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.60	13684.033		13684.033	13.0	3.8	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	5.59	14148.223		14148.223	13.4	7.3	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	5.59	12696.537		12696.537	12.0	-3.7	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	5.60	14086.523		14086.523	13.4	6.8	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	5.60	12365.666		12365.666	11.7	-6.2	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	5.60	13183.940		13183.940	12.5	0.0	NO		NO	MM
7	7 200602M2_9	Standard	12.500	5.60	12190.937		12190.937	11.6	-7.5	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	5.60	13291.910		13291.910	12.6	0.8	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	5.60	13436.517		13436.517	12.7	1.9	NO		NO	MMX
10	10 200602M2_12	Standard	12.500	5.61	10621.053		10621.053	10.1	-19.4	NO		NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.38197
RRF SD: 0.159737, Relative SD: 11.5586
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.60	13684.033	9515.726	17.976	13.0	4.1	NO		NO	bb
2	2 200602M2_4	Standard	12.500	5.59	14148.223	10398.882	17.007	12.3	-1.5	NO		NO	bb
3	3 200602M2_5	Standard	12.500	5.59	12696.537	9986.726	15.892	11.5	-8.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	5.60	14086.523	9697.893	18.157	13.1	5.1	NO		NO	bb
5	5 200602M2_7	Standard	12.500	5.60	12365.666	10702.180	14.443	10.5	-16.4	NO		NO	bb
6	6 200602M2_8	Standard	12.500	5.60	13189.746	10511.157	15.685	11.4	-9.2	NO		NO	MM
7	7 200602M2_9	Standard	12.500	5.60	12190.937	7900.686	19.288	14.0	11.7	NO		NO	bb
8	8 200602M2_10	Standard	12.500	5.60	13291.910	8483.432	19.585	14.2	13.4	NO		NO	bb
9	9 200602M2_11	Standard	12.500	5.60	13434.362	8449.384	19.875	14.4	15.1	NO		NO	MM
10	10 200602M2_12	Standard	12.500	5.61	10621.053	8946.921	14.839	10.7	-14.1	NO		NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 92.5434
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.58	863.169		863.169	9.3	-25.4	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	5.57	898.180		898.180	9.7	-22.4	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	5.57	793.092		793.092	8.6	-31.4	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	5.59	1052.950		1052.950	11.4	-9.0	NO		NO	MMX
5	5 200602M2_7	Standard	12.500	5.58	1036.391		1036.391	11.2	-10.4	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	5.58	1156.792		1156.792	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.59	913.952		913.952	9.9	-21.0	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	5.59	938.543		938.543	10.1	-18.9	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	5.58	829.301		829.301	9.0	-28.3	NO		NO	dbX
10	10 200602M2_12	Standard	12.500	5.59	738.421		738.421	8.0	-36.2	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.362626
RRF SD: 0.0363251, Relative SD: 10.0172
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.58	863.169	2738.776	3.940	10.9	-13.1	NO		NO	bb
2	2 200602M2_4	Standard	12.500	5.57	898.180	2558.102	4.389	12.1	-3.2	NO		NO	bb
3	3 200602M2_5	Standard	12.500	5.57	793.092	2490.576	3.980	11.0	-12.2	NO		NO	bb
4	4 200602M2_6	Standard	12.500	5.59	1051.015	2696.172	4.873	13.4	7.5	NO		NO	MM
5	5 200602M2_7	Standard	12.500	5.58	1036.391	2561.790	5.057	13.9	11.6	NO		NO	bb
6	6 200602M2_8	Standard	12.500	5.58	1156.792	2854.913	5.065	14.0	11.7	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.59	913.952	2359.034	4.843	13.4	6.8	NO		NO	bb
8	8 200602M2_10	Standard	12.500	5.59	938.543	2519.206	4.657	12.8	2.7	NO		NO	bb
9	9 200602M2_11	Standard	12.500	5.58	838.387	2271.444	4.614	12.7	1.8	NO		NO	MM
10	10 200602M2_12	Standard	12.500	5.59	742.105	2371.708	3.911	10.8	-13.7	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 84.8368
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	5.71	12048.773		12048.773	142.0	-4.8	NO		NO	bbX
2	2 200602M2_4	Standard	149.200	5.71	12487.409		12487.409	147.2	-1.3	NO		NO	bbX
3	3 200602M2_5	Standard	149.200	5.70	11517.321		11517.321	135.8	-9.0	NO		NO	bbX
4	4 200602M2_6	Standard	149.200	5.72	12000.436		12000.436	141.5	-5.2	NO		NO	bbX
5	5 200602M2_7	Standard	149.200	5.72	12386.980		12386.980	146.0	-2.1	NO		NO	bbX
6	6 200602M2_8	Standard	149.200	5.72	12657.648		12657.648	149.2	0.0	NO		NO	bb
7	7 200602M2_9	Standard	149.200	5.72	11797.867		11797.867	139.1	-6.8	NO		NO	bbX
8	8 200602M2_10	Standard	149.200	5.72	12404.584		12404.584	146.2	-2.0	NO		NO	bbX
9	9 200602M2_11	Standard	149.200	5.72	12304.621		12304.621	145.0	-2.8	NO		NO	bbX
10	10 200602M2_12	Standard	149.200	5.72	12216.688		12216.688	144.0	-3.5	NO		NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0856316
RRF SD: 0.0109637, Relative SD: 12.8033
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	5.71	12048.773	13890.658	10.843	126.6	-15.1	NO		NO	bb
2	2 200602M2_4	Standard	149.200	5.71	12487.409	10830.414	14.412	168.3	12.8	NO		NO	bb
3	3 200602M2_5	Standard	149.200	5.70	11517.321	12528.332	11.491	134.2	-10.1	NO		NO	bb
4	4 200602M2_6	Standard	149.200	5.72	12000.436	12957.415	11.577	135.2	-9.4	NO		NO	bb
5	5 200602M2_7	Standard	149.200	5.72	12386.980	13919.778	11.124	129.9	-12.9	NO		NO	bb
6	6 200602M2_8	Standard	149.200	5.72	12657.648	11269.047	14.040	164.0	9.9	NO		NO	bb
7	7 200602M2_9	Standard	149.200	5.72	11797.867	9951.974	14.819	173.0	16.0	NO		NO	bb
8	8 200602M2_10	Standard	149.200	5.72	12404.584	13645.028	11.364	132.7	-11.1	NO		NO	bb
9	9 200602M2_11	Standard	149.200	5.72	12304.621	11483.477	13.394	156.4	4.8	NO		NO	bb
10	10 200602M2_12	Standard	149.200	5.72	12216.688	10388.708	14.699	171.7	15.1	NO		NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 886.344
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	6.07	10069.213		10069.213	11.4	-9.1	NO		NO	bbX
2	2 200602M2_4	Standard	12.500	6.07	8936.553		8936.553	10.1	-19.3	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	6.06	9642.313		9642.313	10.9	-13.0	NO		NO	bbX
4	4 200602M2_6	Standard	12.500	6.08	10384.276		10384.276	11.7	-6.3	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	6.08	10660.908		10660.908	12.0	-3.8	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	6.08	11079.299		11079.299	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	6.08	8953.688		8953.688	10.1	-19.2	NO		NO	bbX
8	8 200602M2_10	Standard	12.500	6.08	10518.670		10518.670	11.9	-5.1	NO		NO	bbX
9	9 200602M2_11	Standard	12.500	6.08	9680.033		9680.033	10.9	-12.6	NO		NO	bbX
10	10 200602M2_12	Standard	12.500	6.08	10018.936		10018.936	11.3	-9.6	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 0.834805
RRF SD: 0.087848, Relative SD: 10.5232
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	6.07	10069.213	13890.658	9.061	10.9	-13.2	NO		NO	bb
2	2 200602M2_4	Standard	12.500	6.07	8936.553	10830.414	10.314	12.4	-1.2	NO		NO	bb
3	3 200602M2_5	Standard	12.500	6.06	9642.313	12528.332	9.621	11.5	-7.8	NO		NO	bb
4	4 200602M2_6	Standard	12.500	6.08	10384.276	12957.415	10.018	12.0	-4.0	NO		NO	bb
5	5 200602M2_7	Standard	12.500	6.08	10660.908	13919.778	9.574	11.5	-8.3	NO		NO	bb
6	6 200602M2_8	Standard	12.500	6.08	11079.299	11269.047	12.290	14.7	17.8	NO		NO	bb
7	7 200602M2_9	Standard	12.500	6.08	8953.688	9951.974	11.246	13.5	7.8	NO		NO	bb
8	8 200602M2_10	Standard	12.500	6.08	10518.670	13645.028	9.636	11.5	-7.7	NO		NO	bb
9	9 200602M2_11	Standard	12.500	6.08	9680.033	11483.477	10.537	12.6	1.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	6.08	10018.936	10388.708	12.055	14.4	15.5	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 127.429
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	6.16	17573.693		17573.693	137.9	-7.6	NO		NO	bbX
2	2 200602M2_4	Standard	149.200	6.16	18665.232		18665.232	146.5	-1.8	NO		NO	bbX
3	3 200602M2_5	Standard	149.200	6.15	17254.707		17254.707	135.4	-9.2	NO		NO	bbX
4	4 200602M2_6	Standard	149.200	6.17	17980.414		17980.414	141.1	-5.4	NO		NO	bbX
5	5 200602M2_7	Standard	149.200	6.17	18670.820		18670.820	146.5	-1.8	NO		NO	bbX
6	6 200602M2_8	Standard	149.200	6.16	19012.424		19012.424	149.2	0.0	NO		NO	bb
7	7 200602M2_9	Standard	149.200	6.17	17588.863		17588.863	138.0	-7.5	NO		NO	bbX
8	8 200602M2_10	Standard	149.200	6.17	17710.992		17710.992	139.0	-6.8	NO		NO	bbX
9	9 200602M2_11	Standard	149.200	6.17	17253.852		17253.852	135.4	-9.2	NO		NO	bbX
10	10 200602M2_12	Standard	149.200	6.17	15984.718		15984.718	125.4	-15.9	NO		NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.124735
RRF SD: 0.015436, Relative SD: 12.375
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	6.16	17573.693	13890.658	15.814	126.8	-15.0	NO		NO	bb
2	2 200602M2_4	Standard	149.200	6.16	18665.232	10830.414	21.543	172.7	15.8	NO		NO	bb
3	3 200602M2_5	Standard	149.200	6.15	17254.707	12528.332	17.216	138.0	-7.5	NO		NO	bb
4	4 200602M2_6	Standard	149.200	6.17	17980.414	12957.415	17.346	139.1	-6.8	NO		NO	bb
5	5 200602M2_7	Standard	149.200	6.17	18670.820	13919.778	16.766	134.4	-9.9	NO		NO	bb
6	6 200602M2_8	Standard	149.200	6.16	19012.424	11269.047	21.089	169.1	13.3	NO		NO	bb
7	7 200602M2_9	Standard	149.200	6.17	17588.863	9951.974	22.092	177.1	18.7	NO		NO	bb
8	8 200602M2_10	Standard	149.200	6.17	17710.992	13645.028	16.225	130.1	-12.8	NO		NO	bb
9	9 200602M2_11	Standard	149.200	6.17	17253.852	11483.477	18.781	150.6	0.9	NO		NO	bb
10	10 200602M2_12	Standard	149.200	6.17	15984.718	10388.708	19.233	154.2	3.3	NO		NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1186.12
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	6.42	17044.021		17044.021	14.4	15.0	NO		NO	MMX
2	2 200602M2_4	Standard	12.500	6.42	17878.150		17878.150	15.1	20.6	NO		NO	bbX
3	3 200602M2_5	Standard	12.500	6.41	15900.569		15900.569	13.4	7.2	NO		NO	MMX
4	4 200602M2_6	Standard	12.500	6.42	17660.455		17660.455	14.9	19.1	NO		NO	bbX
5	5 200602M2_7	Standard	12.500	6.42	16264.125		16264.125	13.7	9.7	NO		NO	bbX
6	6 200602M2_8	Standard	12.500	6.42	14826.559		14826.559	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	6.43	16012.840		16012.840	13.5	8.0	NO		NO	MMX
8	8 200602M2_10	Standard	12.500	6.43	17099.557		17099.557	14.4	15.3	NO		NO	MMX
9	9 200602M2_11	Standard	12.500	6.42	15354.340		15354.340	12.9	3.6	NO		NO	MMX
10	10 200602M2_12	Standard	12.500	6.43	14188.232		14188.232	12.0	-4.3	NO		NO	MMX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.35823
RRF SD: 0.156436, Relative SD: 11.5177
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	6.42	17137.566	13890.658	15.422	11.4	-9.2	NO		NO	MM
2	2 200602M2_4	Standard	12.500	6.42	17878.150	10830.414	20.634	15.2	21.5	NO		NO	bb
3	3 200602M2_5	Standard	12.500	6.41	16001.723	12528.332	15.966	11.8	-6.0	NO		NO	MM
4	4 200602M2_6	Standard	12.500	6.42	17660.455	12957.415	17.037	12.5	0.3	NO		NO	bb
5	5 200602M2_7	Standard	12.500	6.42	16264.125	13919.778	14.605	10.8	-14.0	NO		NO	bb
6	6 200602M2_8	Standard	12.500	6.42	14826.559	11269.047	16.446	12.1	-3.1	NO		NO	bb
7	7 200602M2_9	Standard	12.500	6.43	16017.655	9951.974	20.119	14.8	18.5	NO		NO	MM
8	8 200602M2_10	Standard	12.500	6.43	17108.246	13645.028	15.673	11.5	-7.7	NO		NO	MM
9	9 200602M2_11	Standard	12.500	6.42	15343.443	11483.477	16.702	12.3	-1.6	NO		NO	MM
10	10 200602M2_12	Standard	12.500	6.43	14274.345	10388.708	17.175	12.6	1.2	NO		NO	MM

Compound name: d7-N-MeFOSE-EIS
Response Factor: 66.9279
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	6.36	9408.571		9408.571	140.6	-5.8	NO		NO	MMX
2	2 200602M2_4	Standard	149.200	6.35	9338.965		9338.965	139.5	-6.5	NO		NO	MMX
3	3 200602M2_5	Standard	149.200	6.35	8919.407		8919.407	133.3	-10.7	NO		NO	bbX
4	4 200602M2_6	Standard	149.200	6.36	8399.601		8399.601	125.5	-15.9	NO		NO	bbX
5	5 200602M2_7	Standard	149.200	6.36	8631.237		8631.237	129.0	-13.6	NO		NO	bbX
6	6 200602M2_8	Standard	149.200	6.36	9985.645		9985.645	149.2	0.0	NO		NO	bb
7	7 200602M2_9	Standard	149.200	6.36	8842.085		8842.085	132.1	-11.5	NO		NO	bbX
8	8 200602M2_10	Standard	149.200	6.36	8514.460		8514.460	127.2	-14.7	NO		NO	bbX
9	9 200602M2_11	Standard	149.200	6.36	8153.653		8153.653	121.8	-18.3	NO		NO	bbX
10	10 200602M2_12	Standard	149.200	6.36	9925.475		9925.475	148.3	-0.6	NO		NO	MMX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.0635419
RRF SD: 0.0105754, Relative SD: 16.6432
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	6.36	9408.863	13890.658	8.467	133.2	-10.7	NO		NO	MM
2	2 200602M2_4	Standard	149.200	6.35	9339.225	10830.414	10.779	169.6	13.7	NO		NO	MM
3	3 200602M2_5	Standard	149.200	6.35	8919.407	12528.332	8.899	140.1	-6.1	NO		NO	bb
4	4 200602M2_6	Standard	149.200	6.36	8399.601	12957.415	8.103	127.5	-14.5	NO		NO	bb
5	5 200602M2_7	Standard	149.200	6.36	8631.237	13919.778	7.751	122.0	-18.2	NO		NO	bb
6	6 200602M2_8	Standard	149.200	6.36	9985.645	11269.047	11.076	174.3	16.8	NO		NO	bb
7	7 200602M2_9	Standard	149.200	6.36	8842.085	9951.974	11.106	174.8	17.1	NO		NO	bb
8	8 200602M2_10	Standard	149.200	6.36	8514.460	13645.028	7.800	122.8	-17.7	NO		NO	bb
9	9 200602M2_11	Standard	149.200	6.36	8153.653	11483.477	8.875	139.7	-6.4	NO		NO	bb
10	10 200602M2_12	Standard	149.200	6.36	9929.713	10388.708	11.948	188.0	26.0	NO		NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 73.1929
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	6.50	9308.319		9308.319	127.2	-14.8	NO		NO	MMX
2	2 200602M2_4	Standard	149.200	6.50	9994.240		9994.240	136.5	-8.5	NO		NO	bbX
3	3 200602M2_5	Standard	149.200	6.49	10061.460		10061.460	137.5	-7.9	NO		NO	bbX
4	4 200602M2_6	Standard	149.200	6.51	10502.788		10502.788	143.5	-3.8	NO		NO	MMX
5	5 200602M2_7	Standard	149.200	6.51	10916.687		10916.687	149.1	-0.0	NO		NO	MMX
6	6 200602M2_8	Standard	149.200	6.51	10920.385		10920.385	149.2	0.0	NO		NO	MM
7	7 200602M2_9	Standard	149.200	6.51	9508.452		9508.452	129.9	-12.9	NO		NO	bbX
8	8 200602M2_10	Standard	149.200	6.51	10038.942		10038.942	137.2	-8.1	NO		NO	bbX
9	9 200602M2_11	Standard	149.200	6.51	9692.123		9692.123	132.4	-11.2	NO		NO	MMX
10	10 200602M2_12	Standard	149.200	6.51	10051.220		10051.220	137.3	-8.0	NO		NO	MMX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.0709349
RRF SD: 0.00870699, Relative SD: 12.2746
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	149.200	6.50	9307.795	13890.658	8.376	118.1	-20.9	NO		NO	MM
2	2 200602M2_4	Standard	149.200	6.50	9994.240	10830.414	11.535	162.6	9.0	NO		NO	bb
3	3 200602M2_5	Standard	149.200	6.49	10061.460	12528.332	10.039	141.5	-5.1	NO		NO	bb
4	4 200602M2_6	Standard	149.200	6.51	10569.726	12957.415	10.197	143.7	-3.7	NO		NO	MM
5	5 200602M2_7	Standard	149.200	6.51	10914.988	13919.778	9.802	138.2	-7.4	NO		NO	MM
6	6 200602M2_8	Standard	149.200	6.51	10919.652	11269.047	12.112	170.8	14.4	NO		NO	MM
7	7 200602M2_9	Standard	149.200	6.51	9508.452	9951.974	11.943	168.4	12.8	NO		NO	bb
8	8 200602M2_10	Standard	149.200	6.51	10038.942	13645.028	9.197	129.6	-13.1	NO		NO	bb
9	9 200602M2_11	Standard	149.200	6.51	9695.956	11483.477	10.554	148.8	-0.3	NO		NO	MM
10	10 200602M2_12	Standard	149.200	6.51	10040.363	10388.708	12.081	170.3	14.1	NO		NO	MM

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	1.30	2788.703	2788.703	12.500	12.5	0.0	NO		NO	MM
2	2 200602M2_4	Standard	12.500	1.30	2827.087	2827.087	12.500	12.5	0.0	NO		NO	MM
3	3 200602M2_5	Standard	12.500	1.30	2569.286	2569.286	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	1.31	2699.919	2699.919	12.500	12.5	0.0	NO		NO	MM
5	5 200602M2_7	Standard	12.500	1.31	2762.857	2762.857	12.500	12.5	0.0	NO		NO	MM
6	6 200602M2_8	Standard	12.500	1.30	2918.571	2918.571	12.500	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	1.30	2840.533	2840.533	12.500	12.5	0.0	NO		NO	MM
8	8 200602M2_10	Standard	12.500	1.30	2705.128	2705.128	12.500	12.5	0.0	NO		NO	MM
9	9 200602M2_11	Standard	12.500	1.30	2914.535	2914.535	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	1.31	2775.884	2775.884	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.04	8645.138	8645.138	12.500	12.5	0.0	NO		NO	bb
2	2 200602M2_4	Standard	12.500	3.03	7883.896	7883.896	12.500	12.5	0.0	NO		NO	bb
3	3 200602M2_5	Standard	12.500	3.04	7877.234	7877.234	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	3.06	8645.813	8645.813	12.500	12.5	0.0	NO		NO	bb
5	5 200602M2_7	Standard	12.500	3.05	8387.303	8387.303	12.500	12.5	0.0	NO		NO	bb
6	6 200602M2_8	Standard	12.500	3.04	8327.790	8327.790	12.500	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.05	8386.038	8386.038	12.500	12.5	0.0	NO		NO	MM
8	8 200602M2_10	Standard	12.500	3.05	7301.283	7301.283	12.500	12.5	0.0	NO		NO	MM
9	9 200602M2_11	Standard	12.500	3.04	7770.842	7770.842	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	3.05	7494.029	7494.029	12.500	12.5	0.0	NO		NO	MM

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	3.79	1138.101	1138.101	12.500	12.5	0.0	NO		NO	bb
2	2 200602M2_4	Standard	12.500	3.79	1332.639	1332.639	12.500	12.5	0.0	NO		NO	MM
3	3 200602M2_5	Standard	12.500	3.79	1295.639	1295.639	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	3.81	1235.959	1235.959	12.500	12.5	0.0	NO		NO	bb
5	5 200602M2_7	Standard	12.500	3.81	1148.381	1148.381	12.500	12.5	0.0	NO		NO	MM
6	6 200602M2_8	Standard	12.500	3.80	1154.601	1154.601	12.500	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	3.80	873.335	873.335	12.500	12.5	0.0	NO		NO	bb
8	8 200602M2_10	Standard	12.500	3.80	1408.869	1408.869	12.500	12.5	0.0	NO		NO	bb
9	9 200602M2_11	Standard	12.500	3.80	1202.765	1202.765	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	3.80	1140.951	1140.951	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.15	12982.618	12982.618	12.500	12.5	0.0	NO		NO	bb
2	2 200602M2_4	Standard	12.500	4.15	11501.641	11501.641	12.500	12.5	0.0	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.15	12553.914	12553.914	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.18	12653.374	12653.374	12.500	12.5	0.0	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.17	12615.410	12615.410	12.500	12.5	0.0	NO		NO	bb
6	6 200602M2_8	Standard	12.500	4.16	12592.119	12592.119	12.500	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.17	12473.290	12473.290	12.500	12.5	0.0	NO		NO	MM
8	8 200602M2_10	Standard	12.500	4.17	12264.941	12264.941	12.500	12.5	0.0	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.16	11140.945	11140.945	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.17	10494.037	10494.037	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.59	8175.555	8175.555	12.500	12.5	0.0	NO		NO	MM
2	2 200602M2_4	Standard	12.500	4.59	9231.919	9231.919	12.500	12.5	0.0	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.59	9566.457	9566.457	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.62	10087.046	10087.046	12.500	12.5	0.0	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.61	8887.562	8887.562	12.500	12.5	0.0	NO		NO	MM
6	6 200602M2_8	Standard	12.500	4.60	10805.807	10805.807	12.500	12.5	0.0	NO		NO	MM
7	7 200602M2_9	Standard	12.500	4.61	8817.506	8817.506	12.500	12.5	0.0	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.61	8004.076	8004.076	12.500	12.5	0.0	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.61	7358.872	7358.872	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.61	8266.491	8266.491	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.68	2738.776	2738.776	12.500	12.5	0.0	NO		NO	bb
2	2 200602M2_4	Standard	12.500	4.68	2558.102	2558.102	12.500	12.5	0.0	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.68	2490.576	2490.576	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.70	2696.172	2696.172	12.500	12.5	0.0	NO		NO	bb
5	5 200602M2_7	Standard	12.500	4.69	2561.790	2561.790	12.500	12.5	0.0	NO		NO	MM
6	6 200602M2_8	Standard	12.500	4.69	2854.913	2854.913	12.500	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.69	2359.034	2359.034	12.500	12.5	0.0	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.70	2519.206	2519.206	12.500	12.5	0.0	NO		NO	MM
9	9 200602M2_11	Standard	12.500	4.69	2271.444	2271.444	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.69	2371.708	2371.708	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	4.97	9515.726	9515.726	12.500	12.5	0.0	NO		NO	bb
2	2 200602M2_4	Standard	12.500	4.97	10398.882	10398.882	12.500	12.5	0.0	NO		NO	MM
3	3 200602M2_5	Standard	12.500	4.97	9986.726	9986.726	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	4.99	9697.893	9697.893	12.500	12.5	0.0	NO		NO	MM
5	5 200602M2_7	Standard	12.500	4.99	10702.180	10702.180	12.500	12.5	0.0	NO		NO	bb
6	6 200602M2_8	Standard	12.500	4.98	10511.157	10511.157	12.500	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	4.98	7900.686	7900.686	12.500	12.5	0.0	NO		NO	bb
8	8 200602M2_10	Standard	12.500	4.99	8483.432	8483.432	12.500	12.5	0.0	NO		NO	bb
9	9 200602M2_11	Standard	12.500	4.98	8449.384	8449.384	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	4.99	8946.921	8946.921	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200602M2_3	Standard	12.500	5.30	13890.658	13890.658	12.500	12.5	0.0	NO		NO	MM
2	2 200602M2_4	Standard	12.500	5.30	10830.414	10830.414	12.500	12.5	0.0	NO		NO	bb
3	3 200602M2_5	Standard	12.500	5.30	12528.332	12528.332	12.500	12.5	0.0	NO		NO	bb
4	4 200602M2_6	Standard	12.500	5.32	12957.415	12957.415	12.500	12.5	0.0	NO		NO	MM
5	5 200602M2_7	Standard	12.500	5.31	13919.778	13919.778	12.500	12.5	0.0	NO		NO	bb
6	6 200602M2_8	Standard	12.500	5.31	11269.047	11269.047	12.500	12.5	0.0	NO		NO	bb
7	7 200602M2_9	Standard	12.500	5.31	9951.974	9951.974	12.500	12.5	0.0	NO		NO	bb
8	8 200602M2_10	Standard	12.500	5.32	13645.028	13645.028	12.500	12.5	0.0	NO		NO	bb
9	9 200602M2_11	Standard	12.500	5.31	11483.477	11483.477	12.500	12.5	0.0	NO		NO	bb
10	10 200602M2_12	Standard	12.500	5.31	10388.708	10388.708	12.500	12.5	0.0	NO		NO	bb

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9967	NO	
2	2	PFPrS	51	0.9967	NO	
3	3	3:3 FTCA	49	0.9968	NO	
4	4	PFPeA	49	0.9999	NO	
5	5	PFBS	51	0.9995	NO	
6	6	4:2 FTS	55	0.9984	NO	
7	7	PFHxA	57	0.9994	NO	
8	8	PFPeS	51	0.9993	NO	
9	9	HFPO-DA	53	0.9995	NO	
10	10	5:3 FTCA	59	0.9984	NO	
11	11	PFHpA	59	0.9994	NO	
12	12	ADONA	59	0.9981	NO	
13	13	L-PFHxS	61	0.9903	NO	
14	15	6:2 FTS	63	0.9980	NO	
15	16	L-PFOA	69	0.9997	NO	
16	18	PFecHS	69	0.9987	NO	
17	19	PFHpS	71	0.9985	NO	
18	20	7:3 FTCA	65	0.9994	NO	
19	21	PFNA	65	0.9987	NO	
20	22	PFOSA	67	0.9981	NO	
21	23	L-PFOS	71	0.9944	NO	
22	25	9Cl-PF3ONS	71	0.9936	NO	
23	26	PFDA	73	0.9985	NO	
24	27	8:2 FTS	75	0.9992	NO	
25	28	PFNS	71	0.9972	NO	
26	29	L-MeFOSAA	77	0.9969	NO	

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:00:03 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	81	0.9991	NO	
2	33	PFUdA	79	0.9991	NO	
3	34	PFDS	71	0.9983	NO	
4	35	11Cl-PF30UdS	83	0.9979	NO	
5	36	10:2 FTS	85	0.9989	NO	
6	37	PFDoA	83	0.9929	NO	
7	38	N-MeFOSA	87	0.9998	NO	
8	39	PFTrDA	83	0.9977	NO	
9	40	PFDoS	89	0.9949	NO	
10	41	PFTeDA	89	0.9985	NO	
11	42	N-EtFOSA	91	0.9995	NO	
12	43	PFHxDA	93	0.9983	NO	
13	44	PFODA	93	0.9992	NO	
14	45	N-MeFOSE	95	0.9976	NO	
15	46	N-EtFOSE	97	0.9994	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	99		NO	5.088
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	100		NO	6.253
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	101		NO	17.928
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	100		NO	8.435
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	101		NO	16.830
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	100		NO	5.192
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	100		NO	4.910
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	101		NO	10.892
32	63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:00:03 Pacific Daylight Time

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	IS#	CoD	CoD Flag	%RSD
33	64	13C2-6:2 FTS-RSD	104		NO	11.916
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	103		NO	10.756
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	106		NO	16.939
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	102		NO	4.545
40	71	13C8-PFOS-EIS			NO	0.000
41	72	13C8-PFOS-RSD	104		NO	12.150
42	73	13C2-PFDA-EIS			NO	0.000
43	74	13C2-PFDA-RSD	105		NO	6.289
44	75	13C2-8:2 FTS-EIS			NO	0.000
45	76	13C2-8:2 FTS-RSD	104		NO	16.386
46	77	d3-N-MeFOSAA-EIS			NO	0.000
47	78	d3-N-MeFOSAA-RSD	106		NO	14.862
48	79	13C2-PFUdA-EIS			NO	0.000
49	80	13C2-PFUdA-RSD	106		NO	13.894
50	81	d5-N-EtFOSAA-EIS			NO	0.000
51	82	d5-N-EtFOSAA-RSD	106		NO	11.882
52	83	13C2-PFDoA-EIS			NO	0.000
53	84	13C2-PFDoA-RSD	105		NO	11.559
54	85	13C2-10:2 FTS-EIS			NO	0.000
55	86	13C2-10:2 FTS-RSD	104		NO	10.017
56	87	d3-N-MeFOSA-EIS			NO	0.000
57	88	d3-N-MeFOSA-RSD	106		NO	12.803
58	89	13C2-PFTeDA-EIS			NO	0.000
59	90	13C2-PFTeDA-RSD	106		NO	10.523
60	91	d5-N-ETFOSA-EIS			NO	0.000
61	92	d5-N-ETFOSA-RSD	106		NO	12.375
62	93	13C2-PFHxDA-EIS			NO	0.000
63	94	13C2-PFHxDA-RSD	106		NO	11.518
64	95	d7-N-MeFOSE-EIS			NO	0.000
65	96	d7-N-MeFOSE-RSD	106		NO	16.643
66	97	d9-N-EtFOSE-EIS			NO	0.000
67	98	d9-N-EtFOSE-RSD	106		NO	12.275
68	99	13C4-PFBA	99		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:00:03 Pacific Daylight Time

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	IS#	CoD	CoD Flag	%RSD
69	1... 13C5-PFHxA	100		NO	0.000
70	1... 18O2-PFHxS	101		NO	0.000
71	1... 13C8-PFOA	102		NO	0.000
72	1... 13C9-PFNA	103		NO	0.000
73	1... 13C4-PFOS	104		NO	0.000
74	1... 13C6-PFDA	105		NO	0.000
75	1... 13C7-PFUdA	106		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:03:32 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	# Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1 PFBA	1.30	1.31			
2	2 PFPrS	1.62	1.63	2.964	2.964	NO
3	3 3:3 FTCA	2.11	2.11	2.311	2.311	NO
4	4 PFPeA	2.24	2.24			
5	5 PFBS	2.52	2.52	2.742	2.742	NO
6	6 4:2 FTS	2.96	2.96	1.441	1.441	NO
7	7 PFHxA	3.04	3.04	15.956	15.956	NO
8	8 PFPeS	3.15	3.25	1.671	1.671	NO
9	9 HFPO-DA	3.26	3.27	2.203	2.203	NO
10	10 5:3 FTCA	3.60	3.60	1.504	1.504	NO
11	11 PFHpA	3.65	3.65	14.779	14.779	NO
12	12 ADONA	3.74	3.76	3.237	3.237	NO
13	13 L-PFHxS	3.80	3.80	1.778	1.778	NO
14	15 6:2 FTS	4.11	4.11	2.378	2.378	NO
15	16 L-PFOA	4.16	4.16	3.656	3.656	NO
16	18 PFecHS	4.18	4.18	0.956	0.956	NO
17	19 PFHpS	4.30	4.28	1.865	1.865	NO
18	20 7:3 FTCA	4.59	4.59	1.436	1.436	NO
19	21 PFNA	4.60	4.60	4.521	4.521	NO
20	22 PFOSA	4.66	4.66	29.112	29.112	NO
21	23 L-PFOS	4.69	4.69	2.092	2.092	NO
22	25 9Cl-PF30NS	4.90	4.91	21.484	21.484	NO
23	26 PFDA	4.98	4.99	4.944	4.944	NO
24	27 8:2 FTS	4.95	4.96	1.584	1.584	NO
25	28 PFNS	5.03	5.05	1.401	1.401	NO
26	29 L-MeFOSAA	5.13	5.14	2.527	2.527	NO

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:03:54 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.29	5.30	1.102	1.102	NO
2	33	PFUdA	5.31	5.31	10.420	10.420	NO
3	34	PFDS	5.31	5.36	1.506	1.506	NO
4	35	11Cl-PF30UdS	5.53	5.53	23.653	23.653	NO
5	36	10:2 FTS	5.58	5.59	1.613	1.613	NO
6	37	PFDoA	5.60	5.60	8.073	8.073	NO
7	38	N-MeFOSA	5.71	5.69	1.358	1.358	NO
8	39	PFTrDA	5.85	5.85	9.158	9.158	NO
9	40	PFDoS	5.88	5.88	1.819	1.819	NO
10	41	PFTeDA	6.08	6.08	11.560	11.560	NO
11	42	N-EtFOSA	6.14	6.14	1.443	1.443	NO
12	43	PFHxDA	6.42	6.42	34.542	34.542	NO
13	44	PFODA	6.63	6.66			
14	45	N-MeFOSE	6.36	6.37			
15	46	N-EtFOSE	6.51	6.52			

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 10:04:39 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:04:44 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200602M2_1	IPA	02-Jun-20	16:16:37
2	2 200602M2_2	IPA	02-Jun-20	16:27:02
3	3 200602M2_3	ST200602M2-1 PFC CS-2 20E2701	02-Jun-20	16:37:27
4	4 200602M2_4	ST200602M2-2 PFC CS-1 20E2702	02-Jun-20	16:47:52
5	5 200602M2_5	ST200602M2-3 PFC CS0 20F0201	02-Jun-20	16:58:16
6	6 200602M2_6	ST200602M2-4 PFC CS1 20E2704	02-Jun-20	17:08:41
7	7 200602M2_7	ST200602M2-5 PFC CS2 20E2705	02-Jun-20	17:19:05
8	8 200602M2_8	ST200602M2-6 PFC CS3 20E2706	02-Jun-20	17:29:31
9	9 200602M2_9	ST200602M2-7 PFC CS4 20E2707	02-Jun-20	17:39:53
10	10 200602M2_10	ST200602M2-8 PFC CS5 20E2708	02-Jun-20	17:50:15
11	11 200602M2_11	ST200602M2-9 PFC CS6 20E2709	02-Jun-20	18:00:37
12	12 200602M2_12	ST200602M2-10 PFC CS7 20E2710	02-Jun-20	18:11:00
13	13 200602M2_13	IB	02-Jun-20	18:21:25
14	14 200602M2_14	ICV200602M2-1 PFC ICV 20E2711	02-Jun-20	18:31:47
15	15 200602M2_15	IB	02-Jun-20	18:42:09

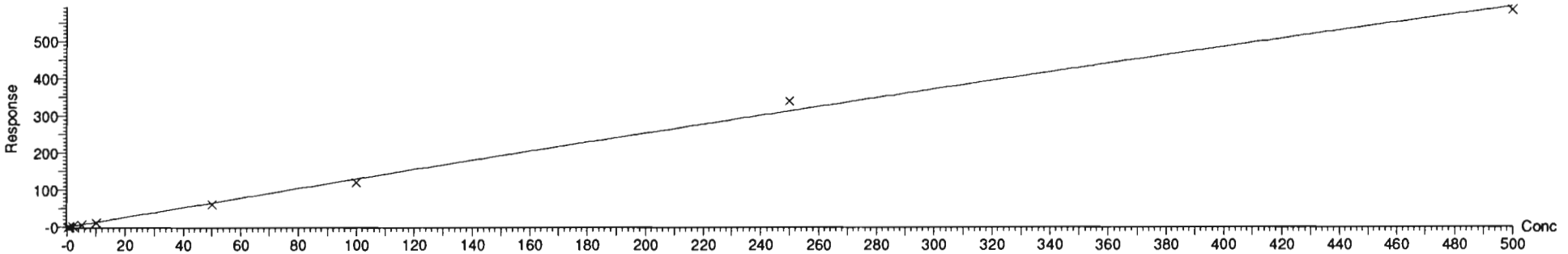
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

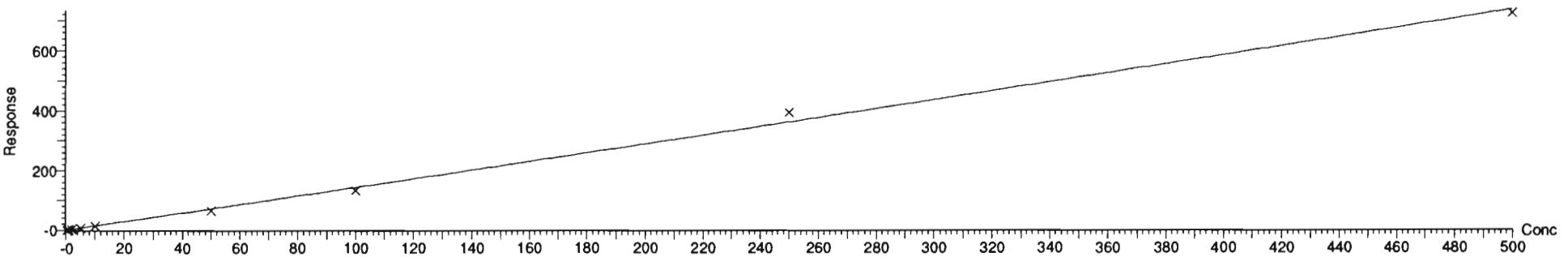
Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:01:01 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: PFBA
Coefficient of Determination: R^2 = 0.996679
Calibration curve: -0.000264724 * x^2 + 1.31473 * x + -0.100482
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



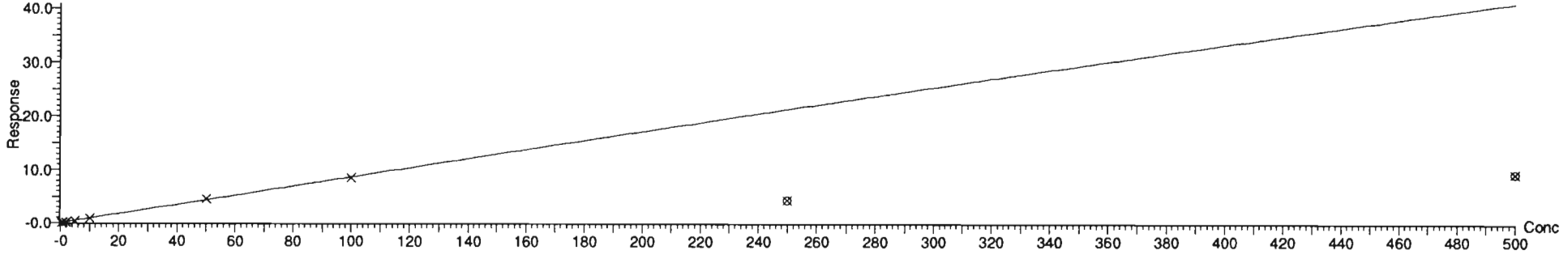
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.996727
Calibration curve: 0.000100597 * x^2 + 1.4191 * x + -0.124195
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



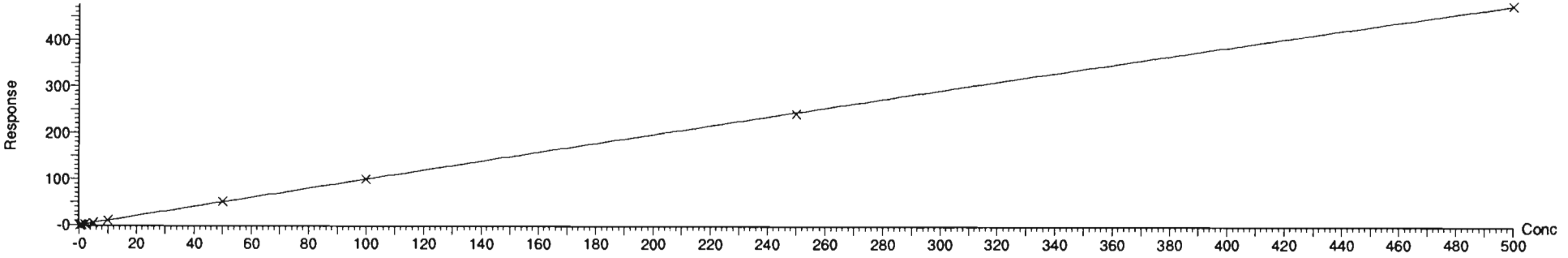
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:01:01 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.996783
Calibration curve: -1.39727e-005 * x^2 + 0.0888842 * x + -0.0137875
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



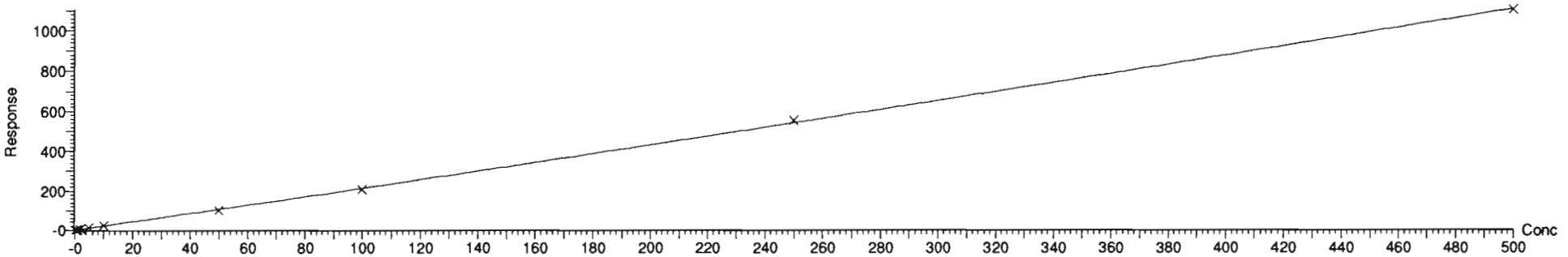
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999896
Calibration curve: -0.000109928 * x^2 + 1.00482 * x + 0.00841632
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



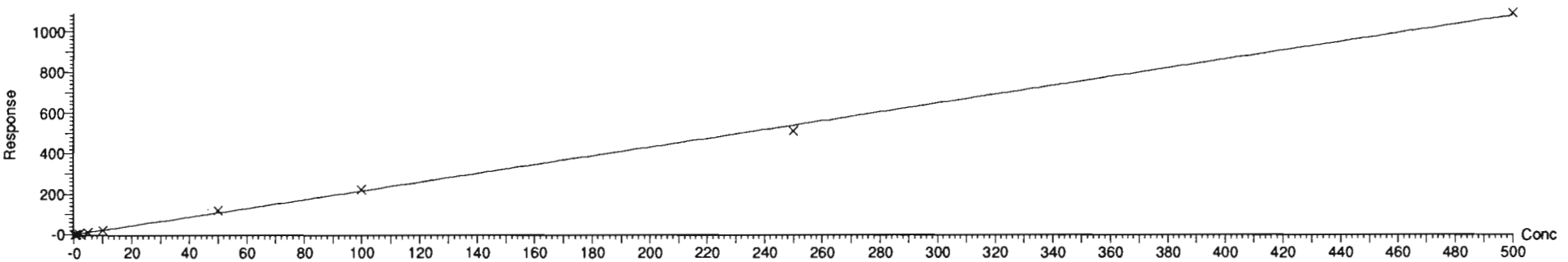
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:01:01 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999504
Calibration curve: 0.000215184 * x^2 + 2.10552 * x + 0.134924
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



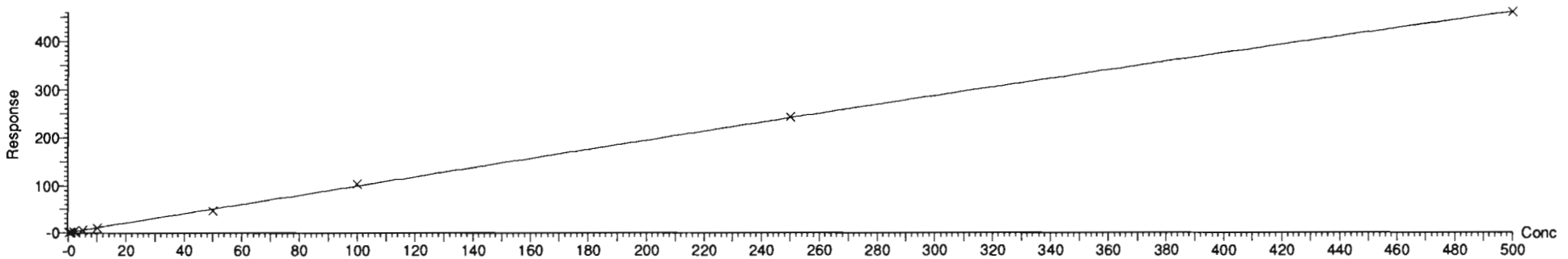
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998432
Calibration curve: 9.68492e-007 * x^2 + 2.15289 * x + -0.0198036
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



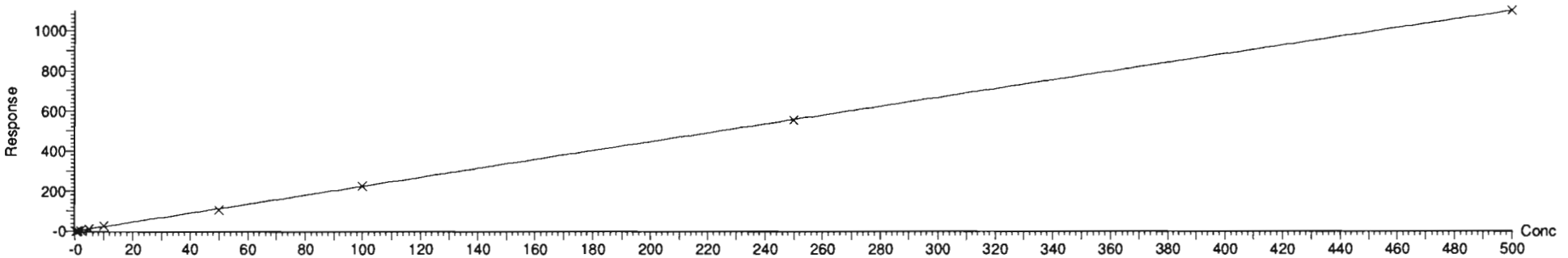
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:01:01 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999386
Calibration curve: -0.000168201 * x^2 + 1.00432 * x + 0.0081377
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



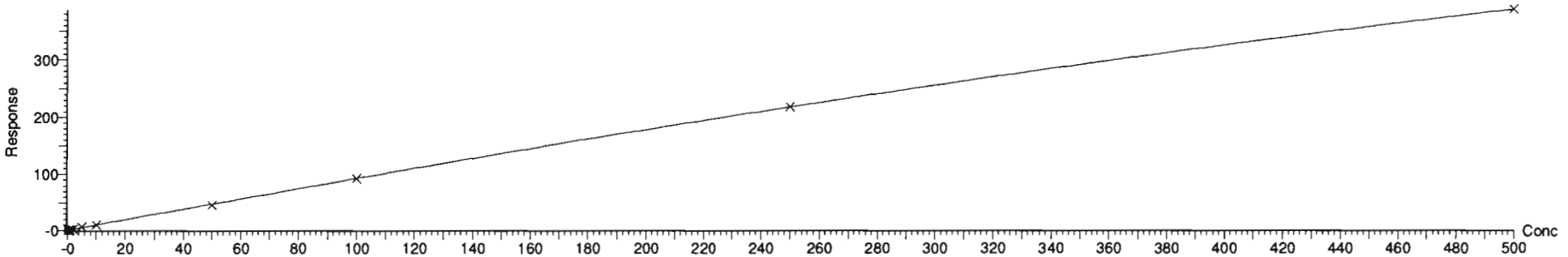
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999263
Calibration curve: -0.000102176 * x^2 + 2.24305 * x + -0.0148419
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



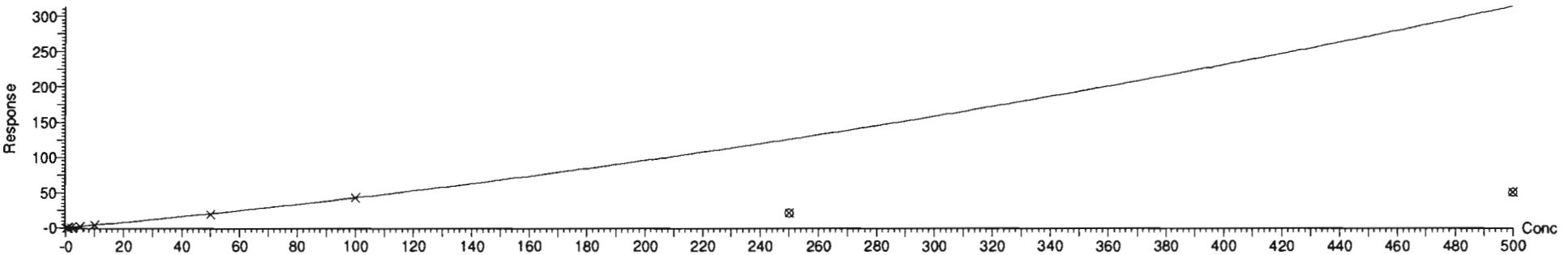
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:01:01 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999521
Calibration curve: -0.000381095 * x^2 + 0.965254 * x + -0.027461
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998364
Calibration curve: 0.000502901 * x^2 + 0.375442 * x + 0.0194976
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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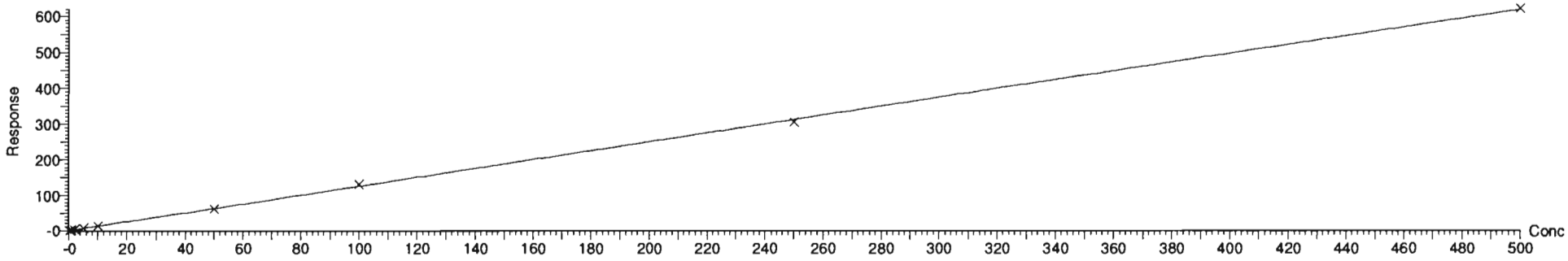
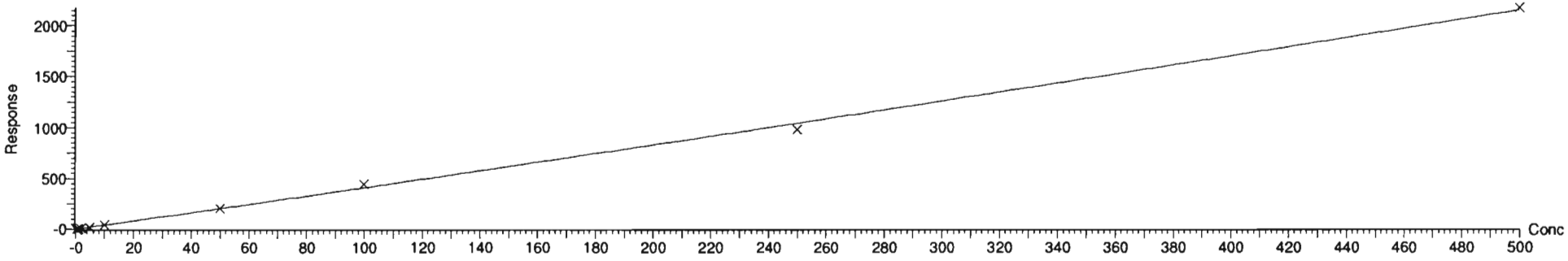
Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999433
Calibration curve: -5.84743e-005 * x^2 + 1.26483 * x + 0.00317746
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: ADONA
Coefficient of Determination: R^2 = 0.998061
Calibration curve: 0.000544418 * x^2 + 4.0337 * x + 0.119729
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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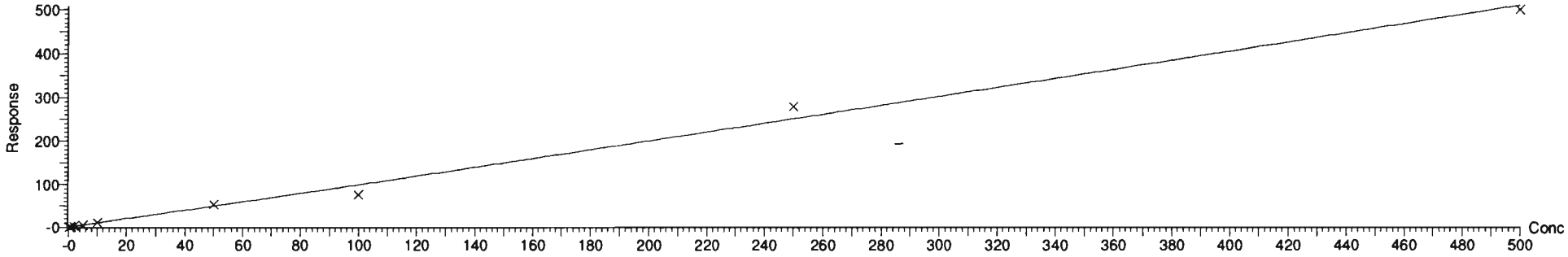
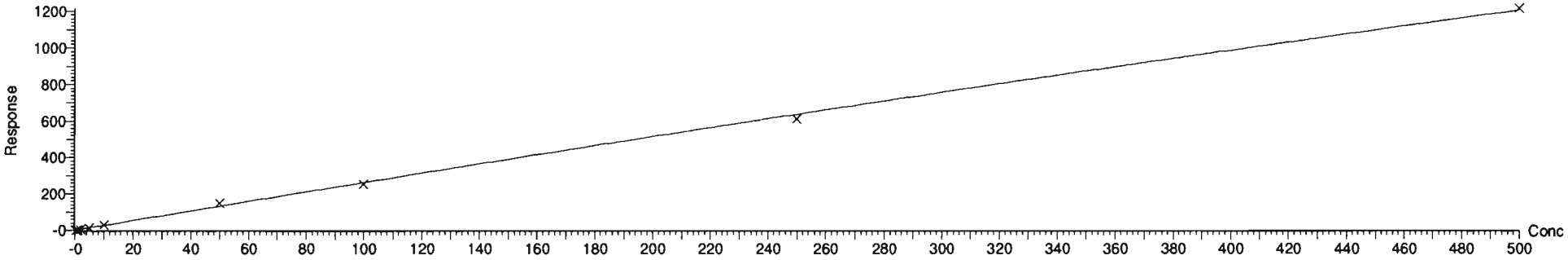
Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.990305
Calibration curve: 6.99601e-005 * x^2 + 0.982918 * x + 0.0120473
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.998015
Calibration curve: -0.000549119 * x^2 + 2.68478 * x + -0.0715709
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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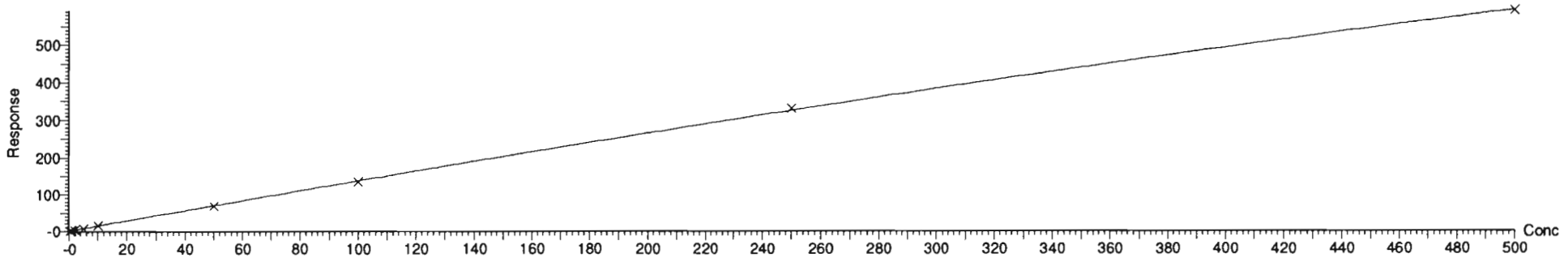
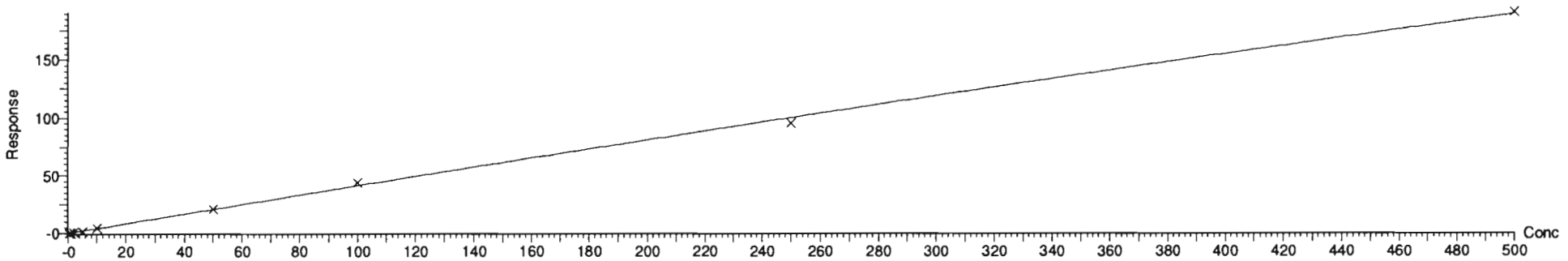
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999719
Calibration curve: -0.000450559 * x^2 + 1.41144 * x + 0.111274
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFecHS
Coefficient of Determination: R^2 = 0.998729
Calibration curve: -8.213e-005 * x^2 + 0.419944 * x + -0.0115069
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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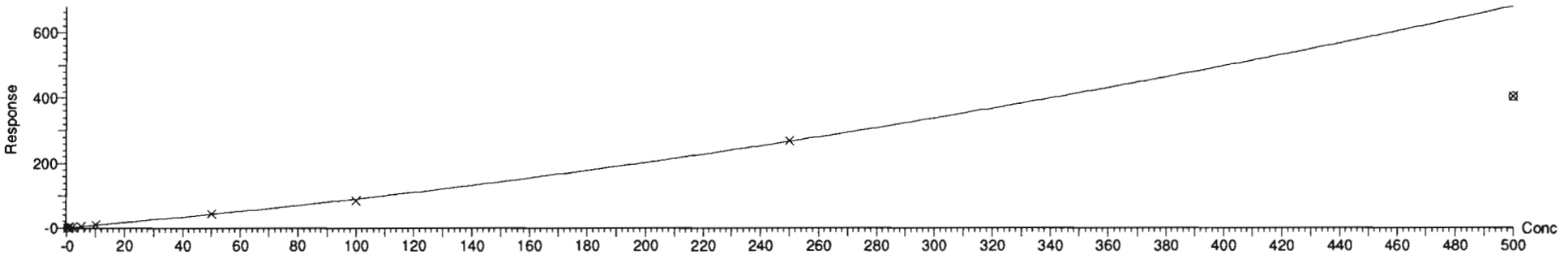
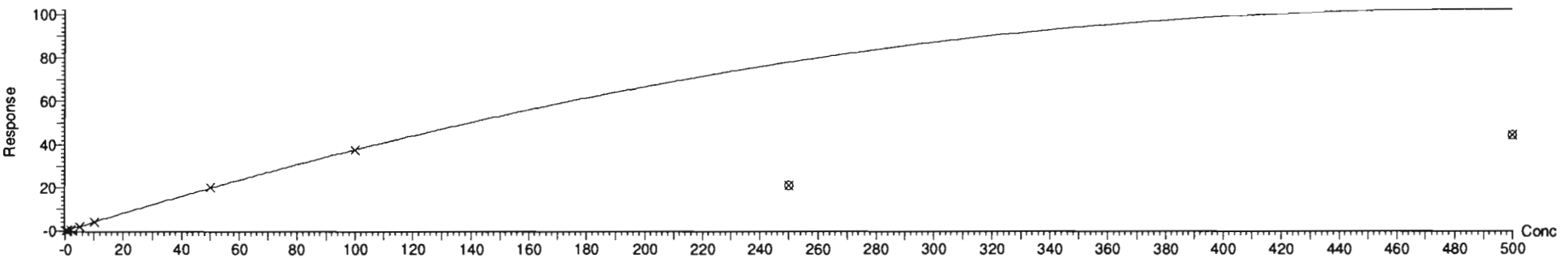
Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998465
Calibration curve: 0.00116138 * x^2 + 0.774734 * x + 0.117932
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999441
Calibration curve: -0.000428827 * x^2 + 0.418467 * x + -0.0470232
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

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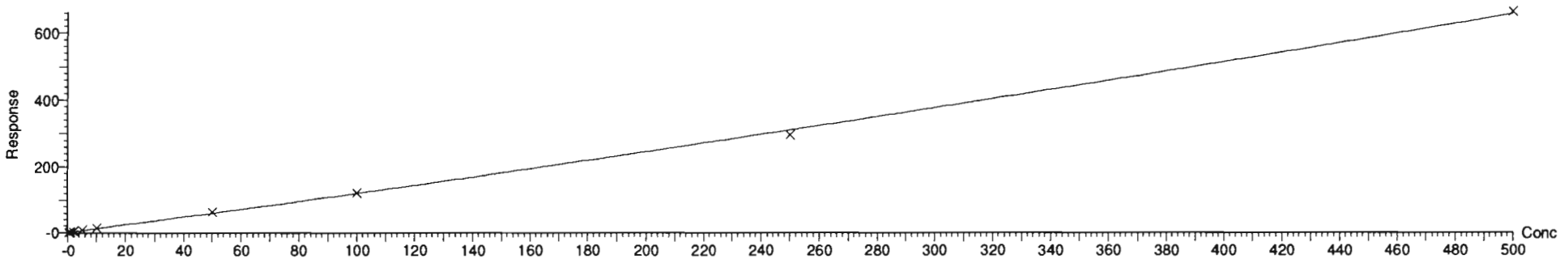
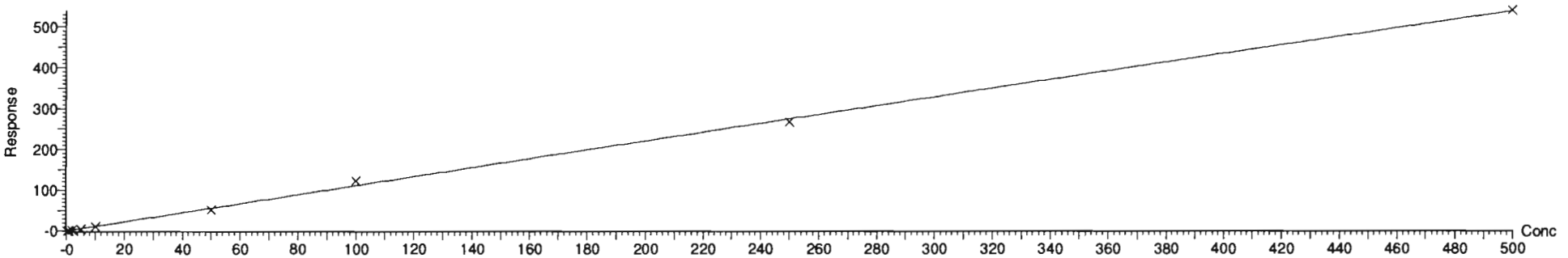
Compound name: PFNA
Coefficient of Determination: R^2 = 0.998750
Calibration curve: 0.000298399 * x^2 + 1.16212 * x + 0.112989
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998063
Calibration curve: -8.86984e-005 * x^2 + 1.11809 * x + -0.124716
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

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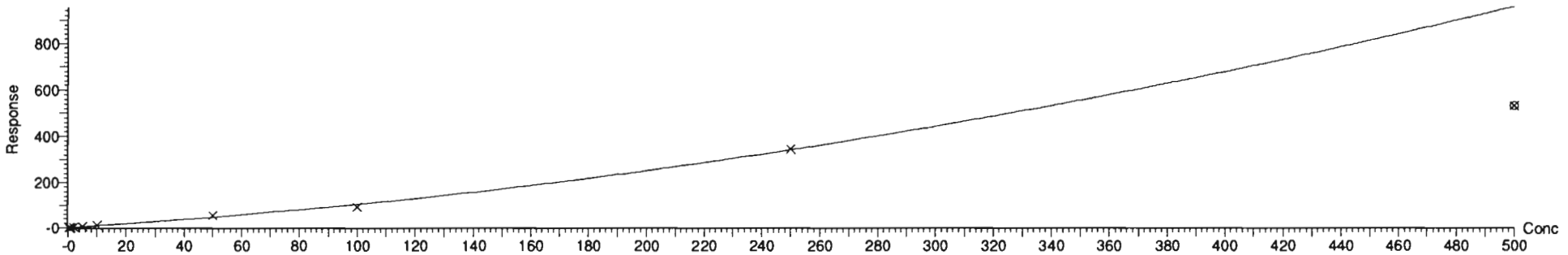
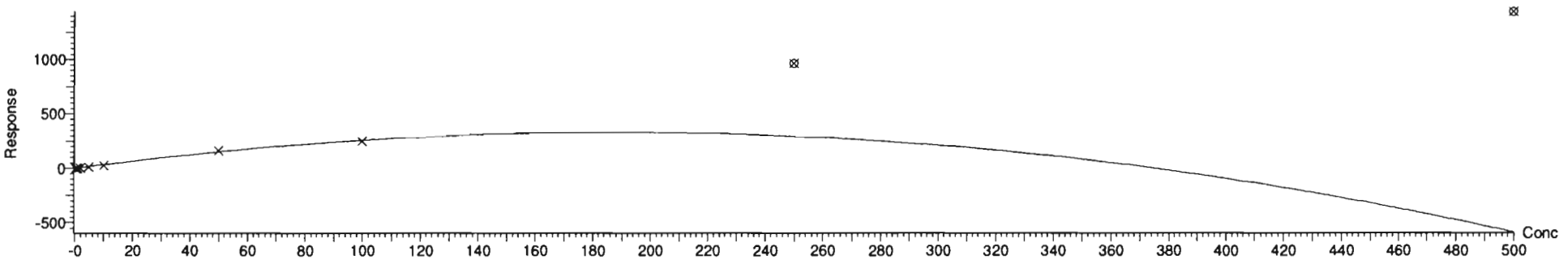
Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.994409
Calibration curve: 0.00220967 * x^2 + 0.809105 * x + 0.11739
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.993570
Calibration curve: -0.00945197 * x^2 + 3.54604 * x + -0.421583
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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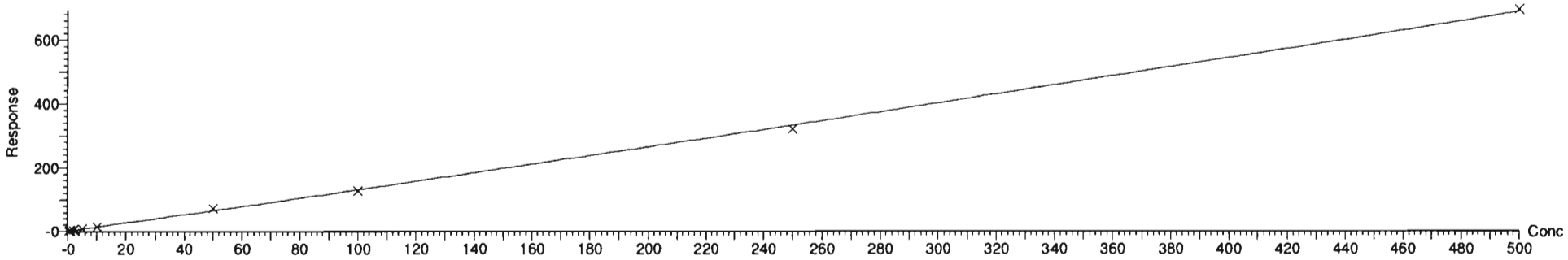
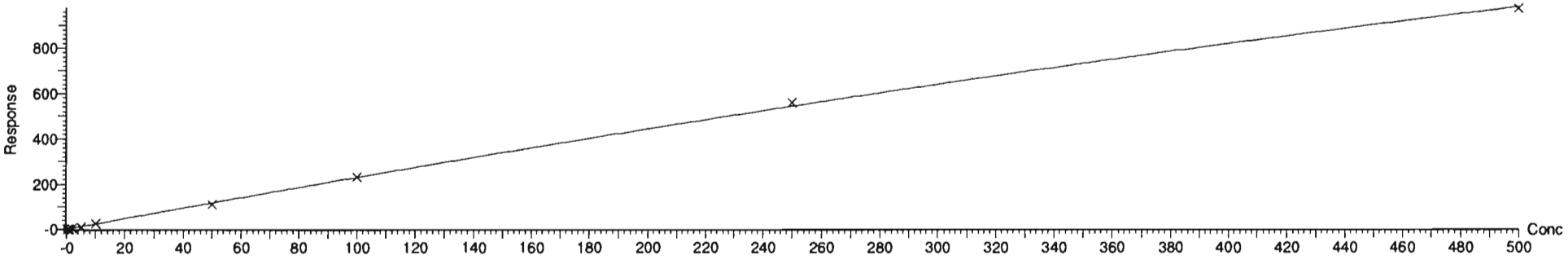
Compound name: PFDA
Coefficient of Determination: R^2 = 0.998542
Calibration curve: 0.000167643 * x^2 + 1.28929 * x + 0.10067
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999247
Calibration curve: -0.000844511 * x^2 + 2.37973 * x + 0.0873516
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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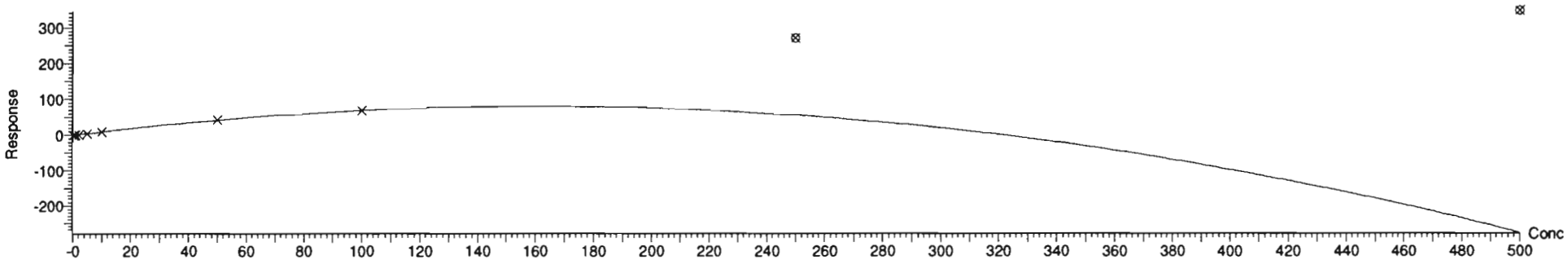
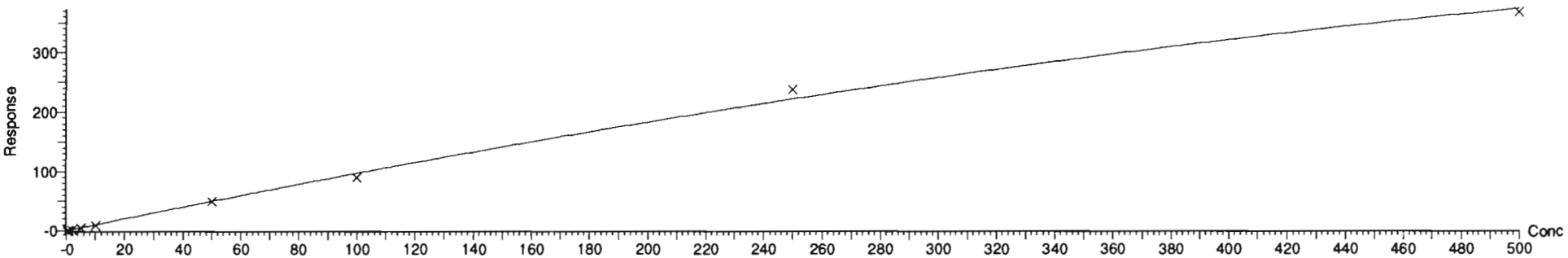
Compound name: PFNS
Coefficient of Determination: R^2 = 0.997201
Calibration curve: -0.00311671 * x^2 + 1.00117 * x + -0.20312
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.996874
Calibration curve: -0.000558389 * x^2 + 1.02519 * x + -0.0576007
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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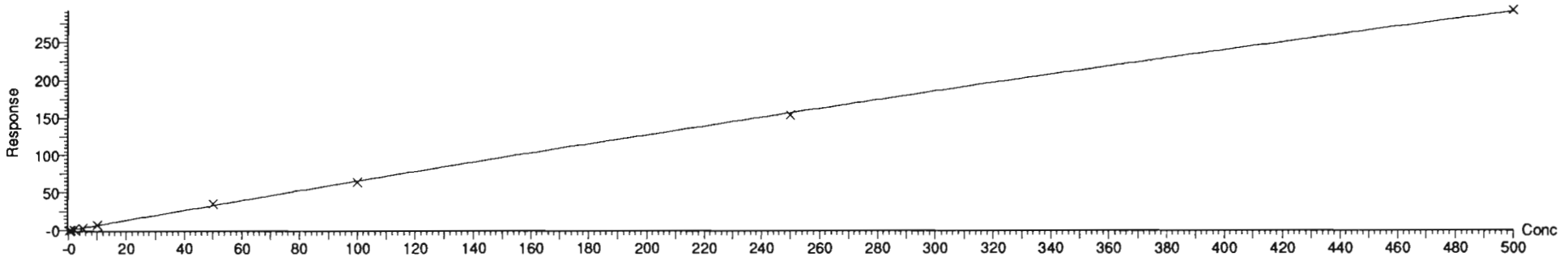
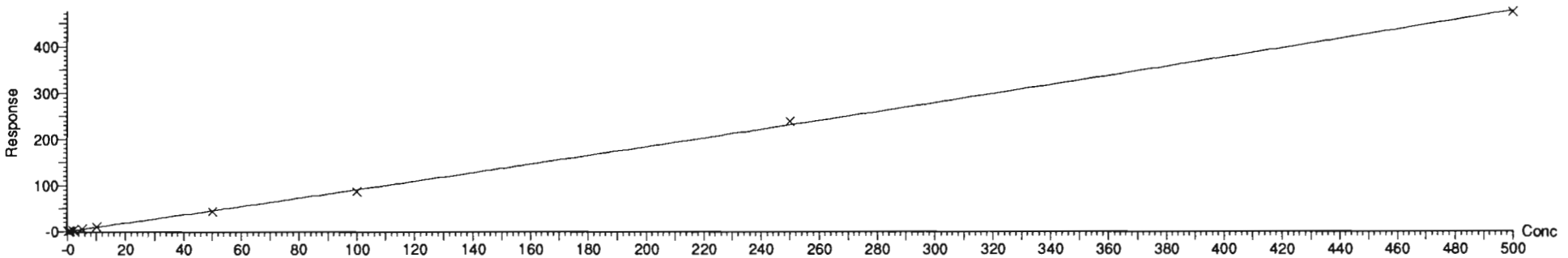
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999053
Calibration curve: -0.000181822 * x^2 + 0.67206 * x + -0.0449119
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999089
Calibration curve: 0.000128611 * x^2 + 0.887719 * x + 0.122265
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
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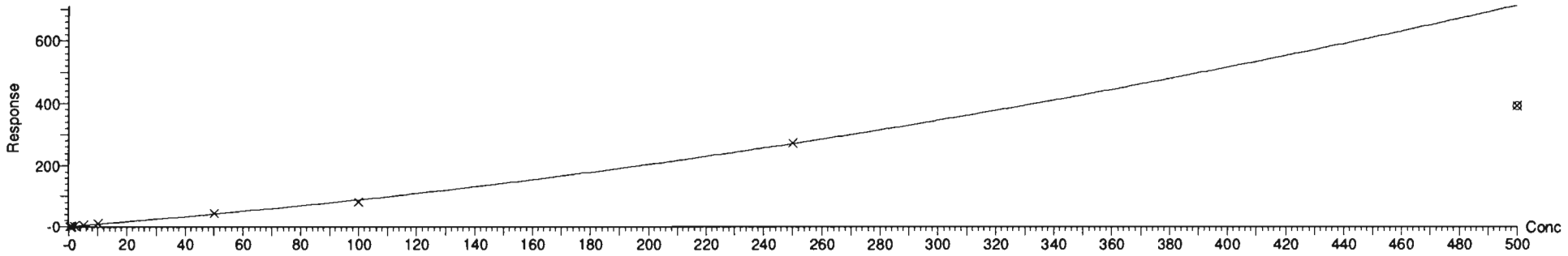
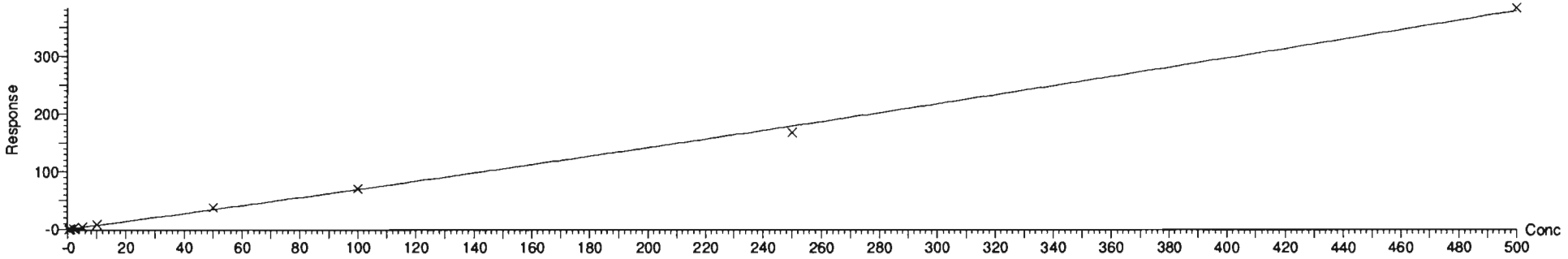
Compound name: PFDS
Coefficient of Determination: R^2 = 0.998306
Calibration curve: 0.00137632 * x^2 + 0.735237 * x + 0.0104866
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.997930
Calibration curve: 0.00016678 * x^2 + 0.673311 * x + 0.0368063
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

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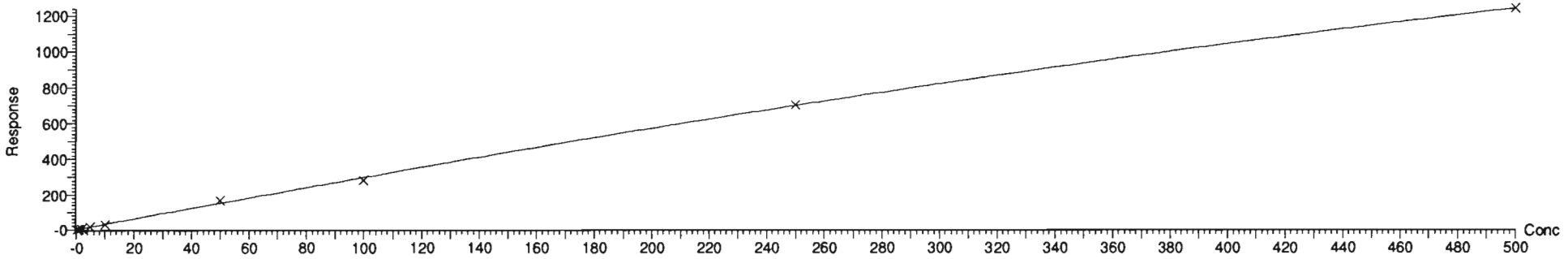
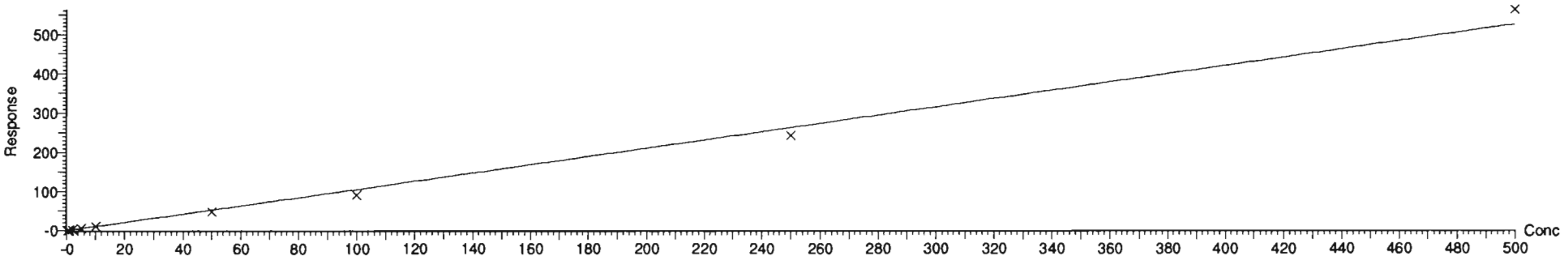
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.998932
Calibration curve: -0.00126755 * x^2 + 3.11363 * x + 0.272488
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Correlation coefficient: r = 0.996423, r^2 = 0.992858
Calibration curve: 1.04948 * x + -0.00371623
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



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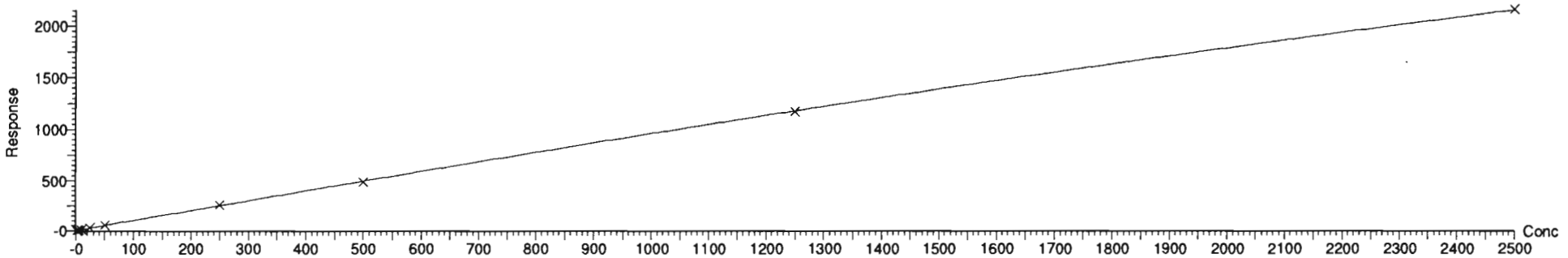
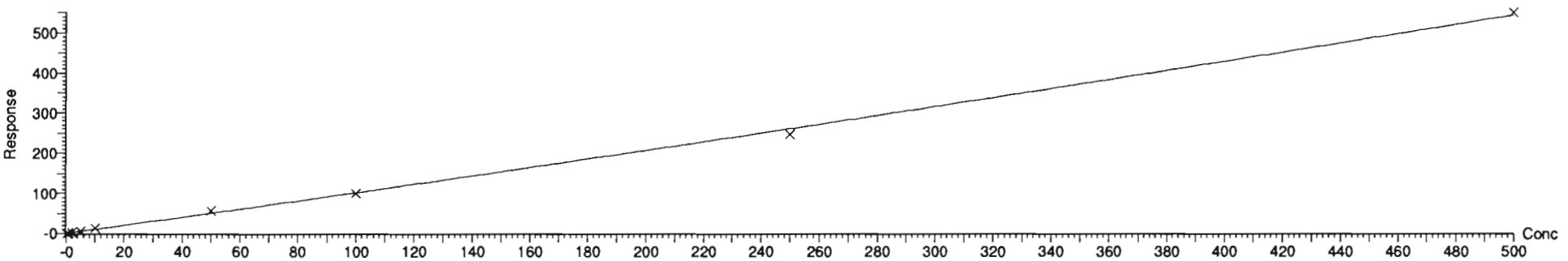
Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999776
Calibration curve: -6.37389e-005 * x^2 + 1.02027 * x + 0.196437
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.997709
Calibration curve: 0.000179968 * x^2 + 0.997 * x + 0.142458
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

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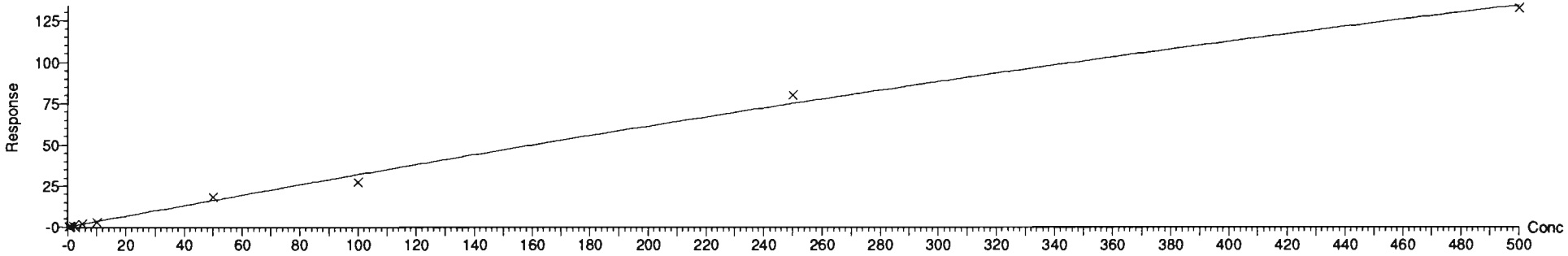
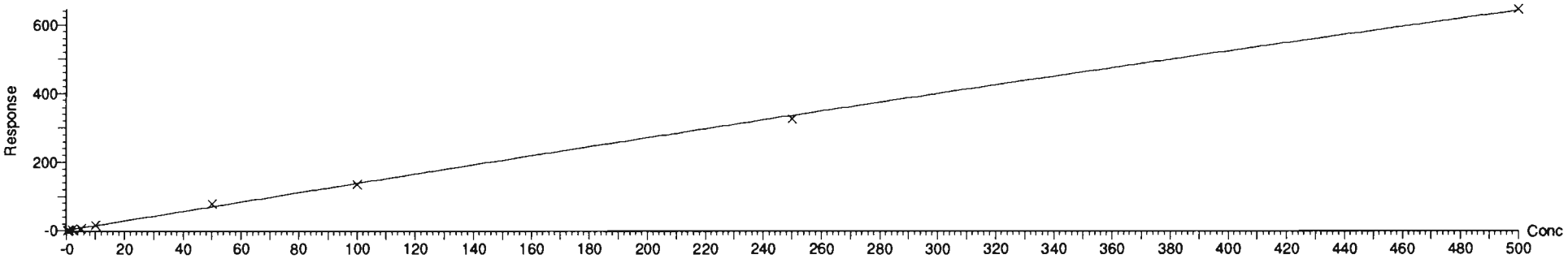
Compound name: PFDoS
Coefficient of Determination: R^2 = 0.994891
Calibration curve: -0.000127338 * x^2 + 0.331844 * x + 0.0024081
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998473
Calibration curve: -0.000244657 * x^2 + 1.40385 * x + -0.0205636
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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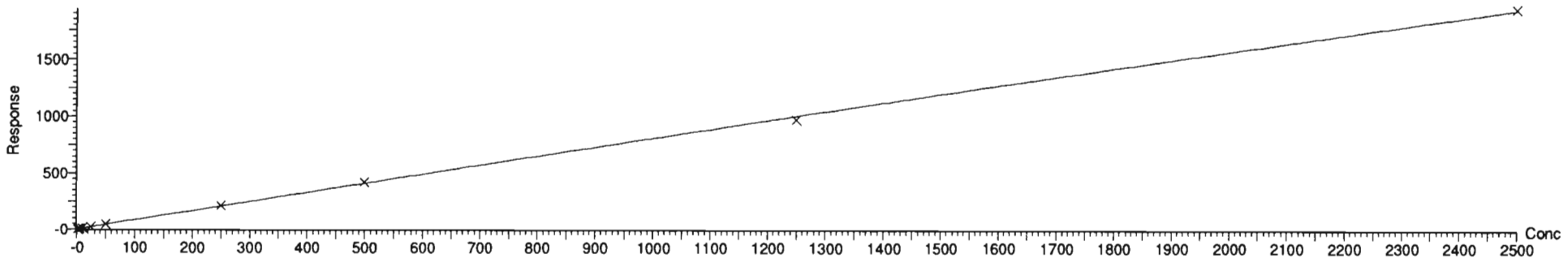
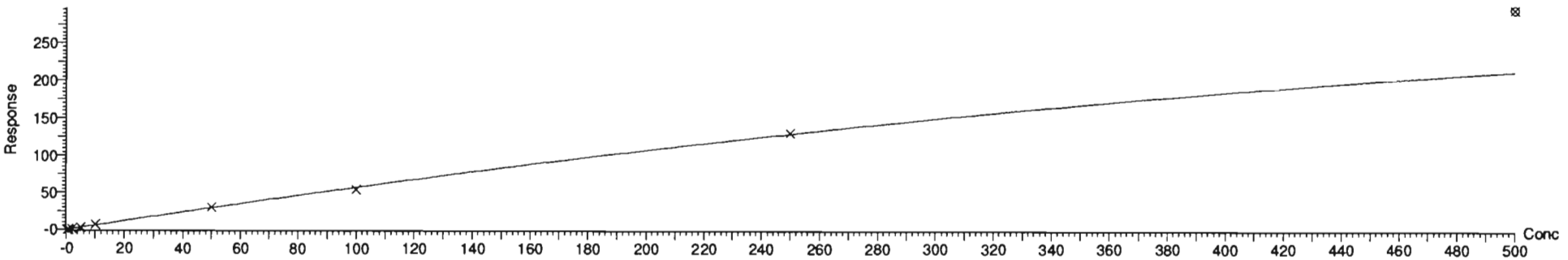
Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999508
Calibration curve: -2.50051e-005 * x^2 + 0.834616 * x + 0.218036
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998308
Calibration curve: -0.000372319 * x^2 + 0.611371 * x + 0.0748201
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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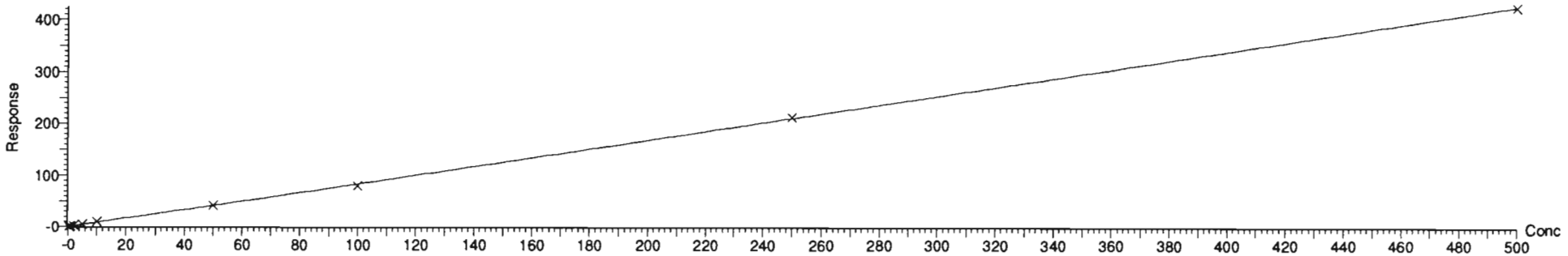
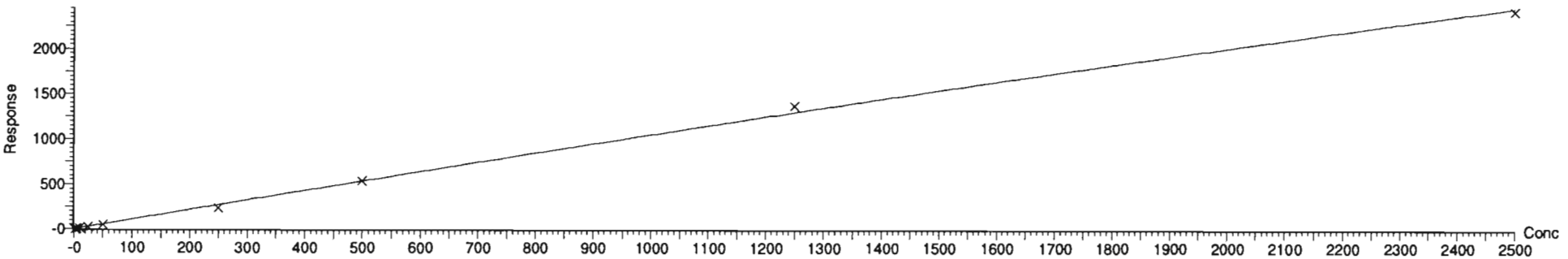
Compound name: PFODA
Coefficient of Determination: R^2 = 0.999229
Calibration curve: 2.43011e-005 * x^2 + 0.83847 * x + 0.0201741
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



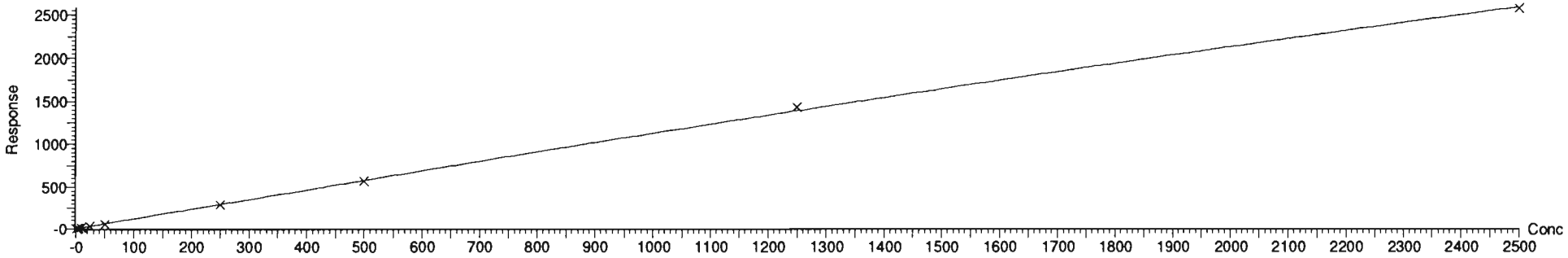
Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.997602
Calibration curve: -4.72848e-005 * x^2 + 1.09872 * x + -0.358875
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 09:30:03 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:02:01 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999434
Calibration curve: -5.71805e-005 * x^2 + 1.17924 * x + -0.116433
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



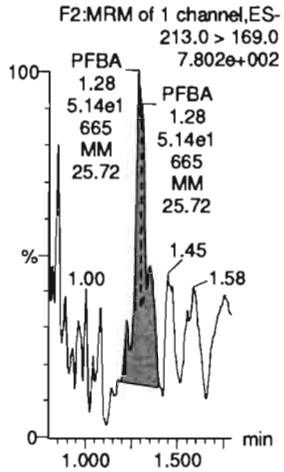
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

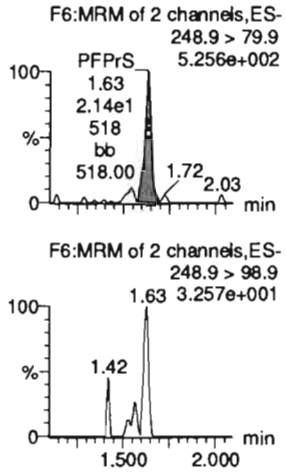
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: 03 Jun 2020 08:45:39

Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

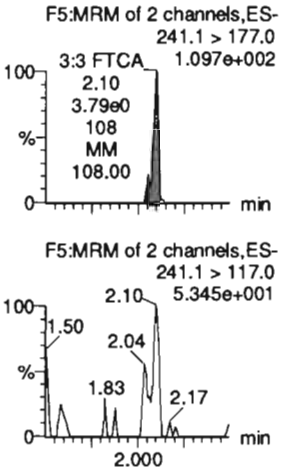
PFBA



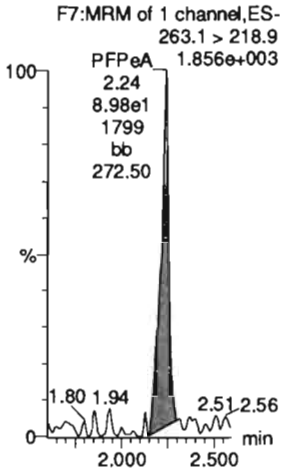
PFPrS



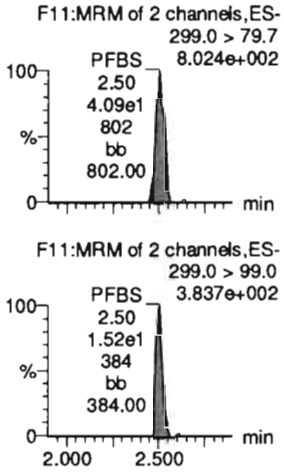
3:3 FTCA



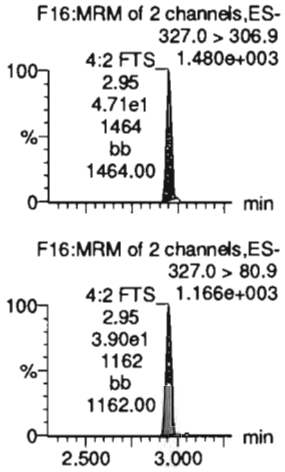
PFPeA



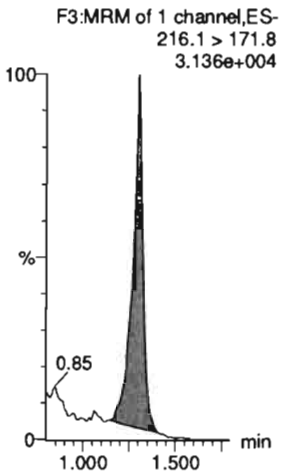
PFBS



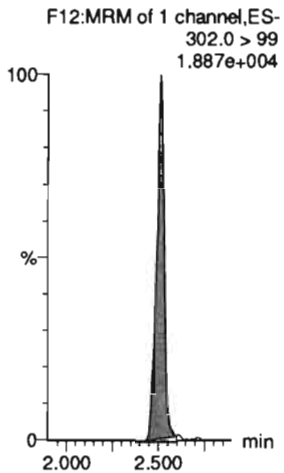
4:2 FTS



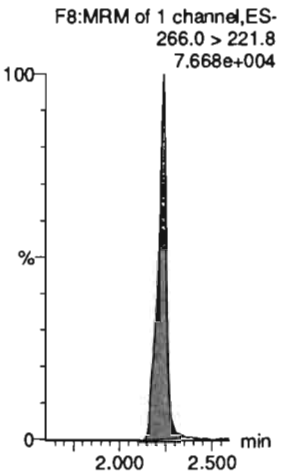
13C3-PFBA-EIS



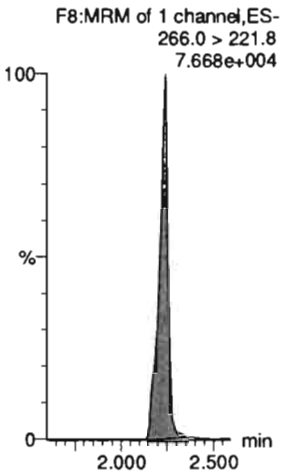
13C3-PFBS-EIS



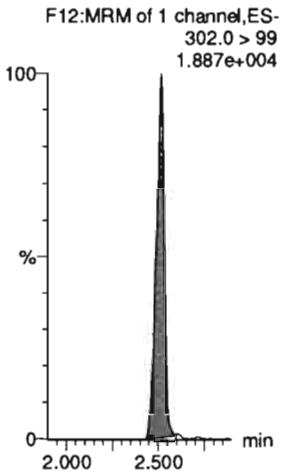
13C3-PFPeA-EIS



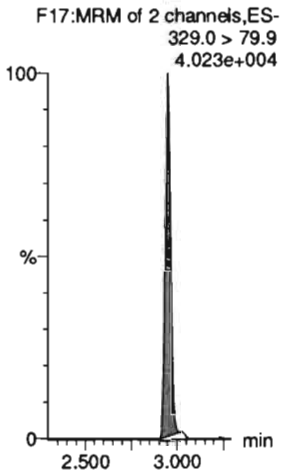
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

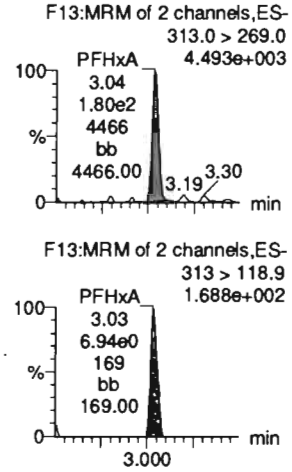


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

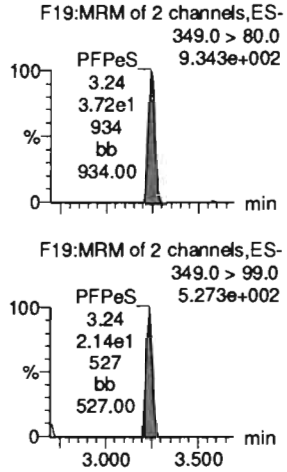
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

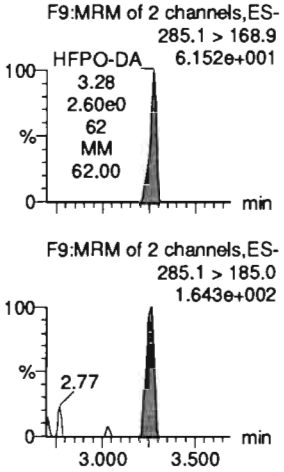
PFHxA



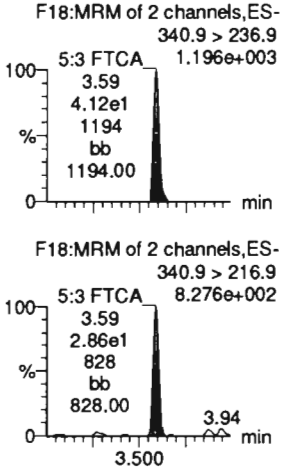
PFPeS



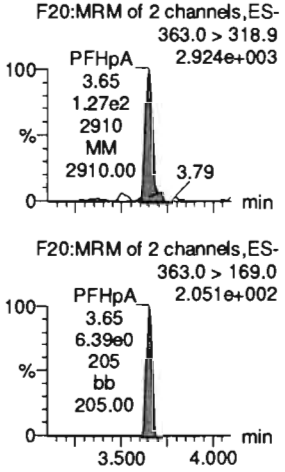
HFPO-DA



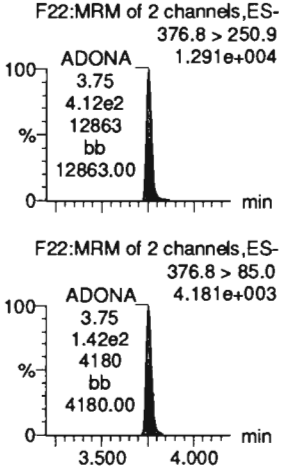
5:3 FTCA



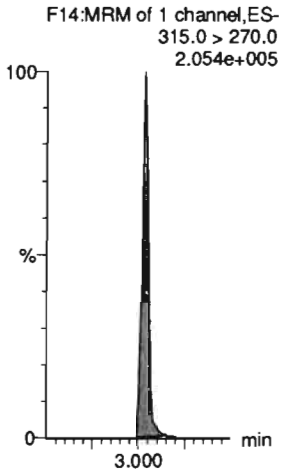
PFHpA



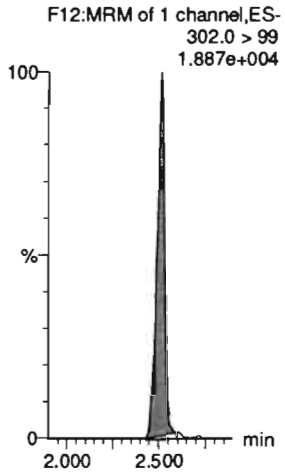
ADONA



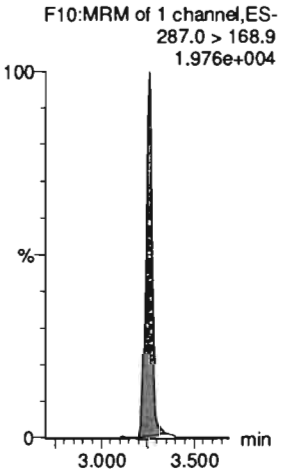
13C2-PFHxA-EIS



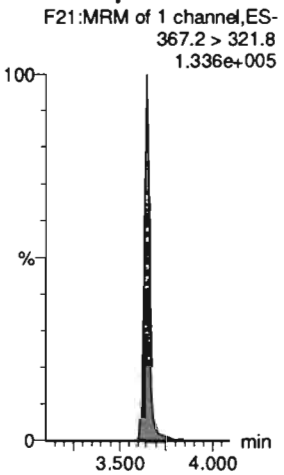
13C3-PFBS-EIS



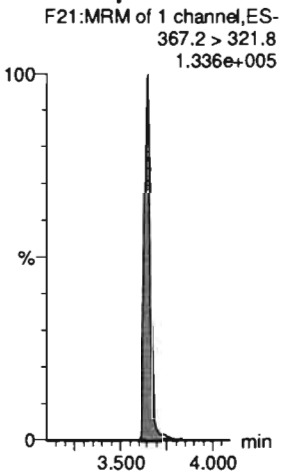
13C3-HFPO-DA-EIS



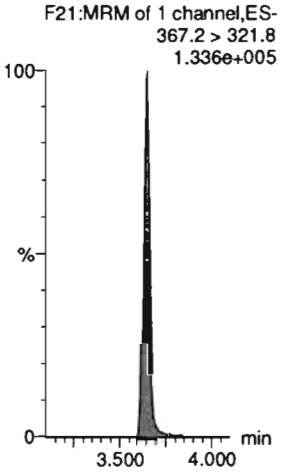
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

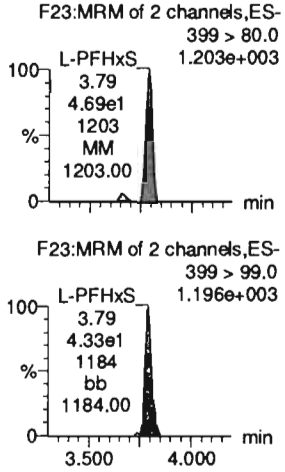


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

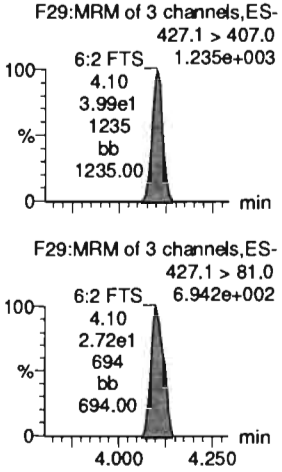
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

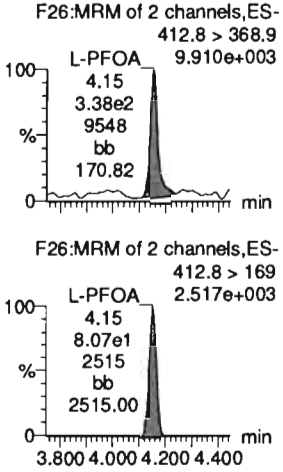
L-PFHxS



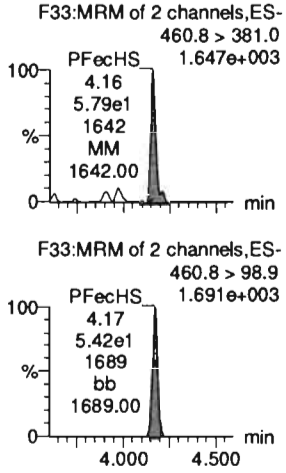
6:2 FTS



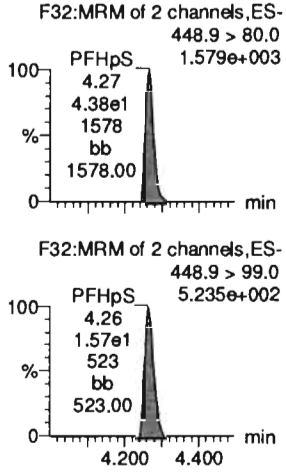
L-PFOA



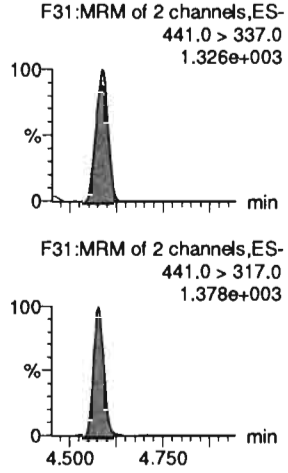
PFEChS



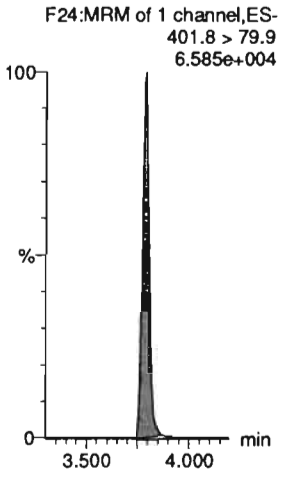
PFHpS



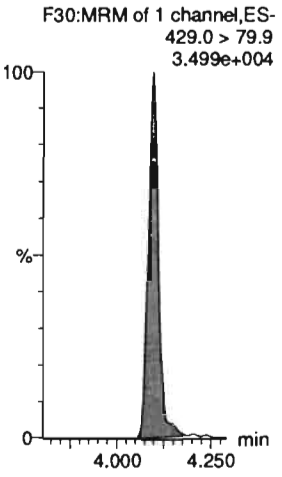
7:3 FTCA



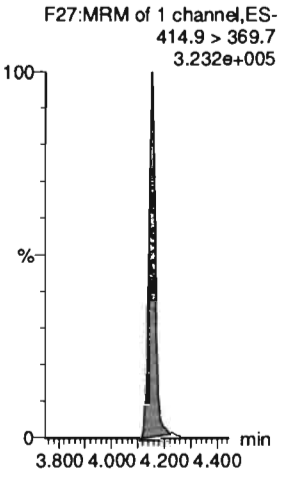
13C3-PFHxS-EIS



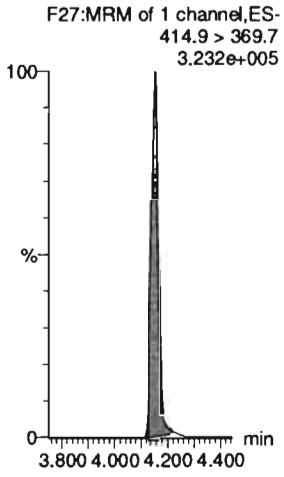
13C2-6:2 FTS-EIS



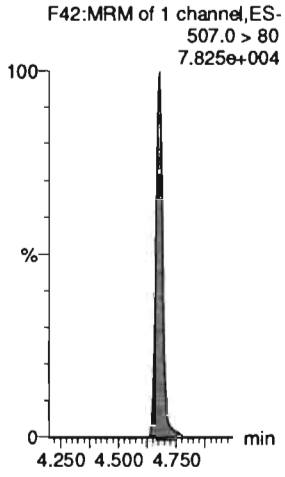
13C2-PFOA-EIS



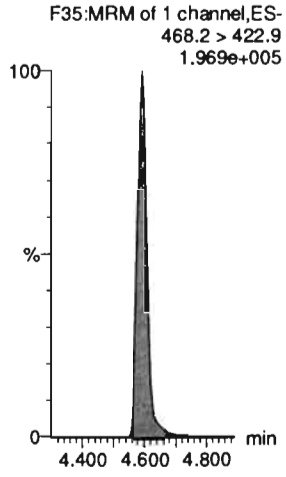
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

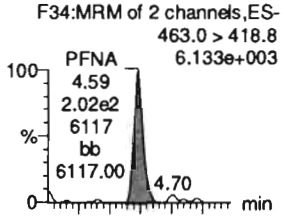


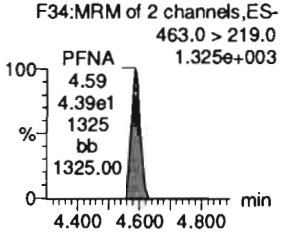
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

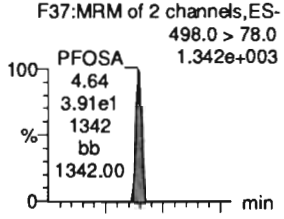
Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

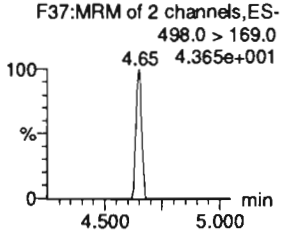
PFNA



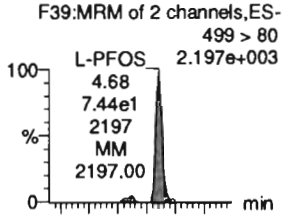


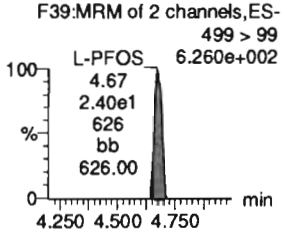
PFOSA



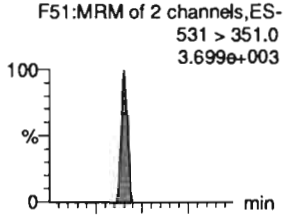


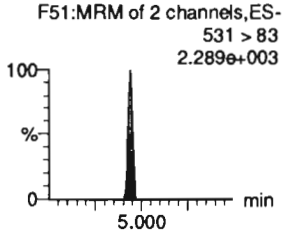
L-PFOS



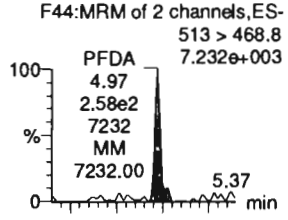


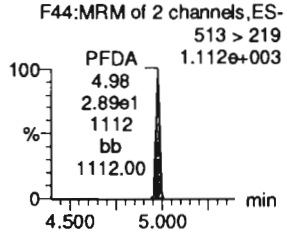
9Cl-PF30NS



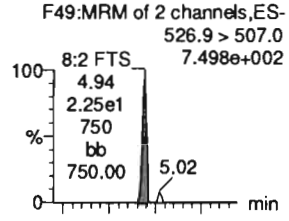


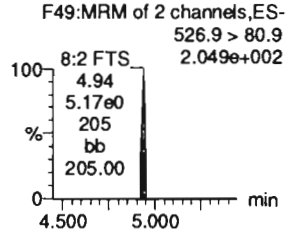
PFDA



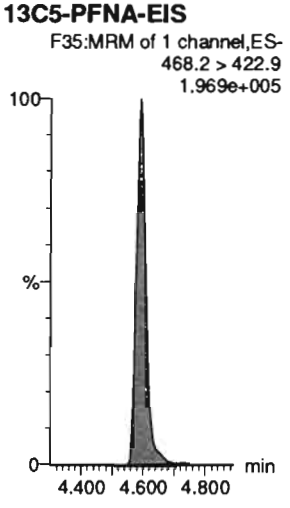


8:2 FTS

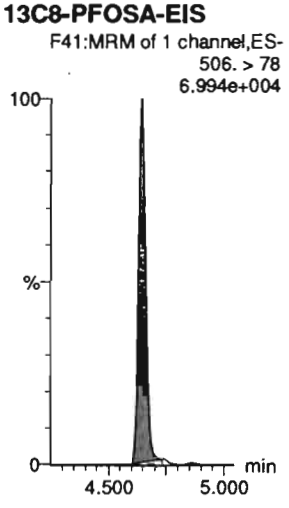




13C5-PFNA-EIS



13C8-PFOSA-EIS



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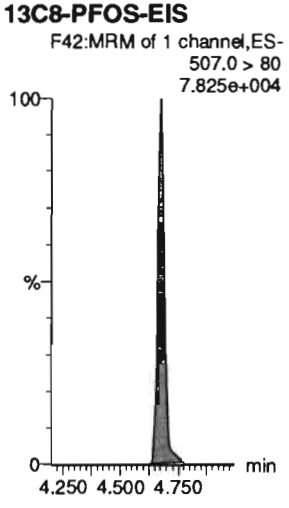

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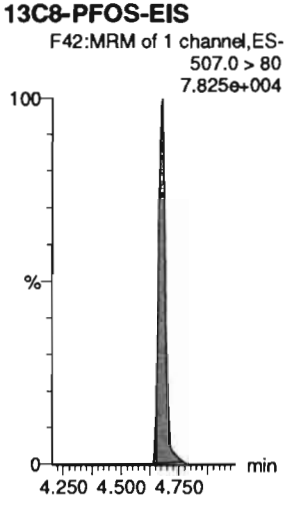

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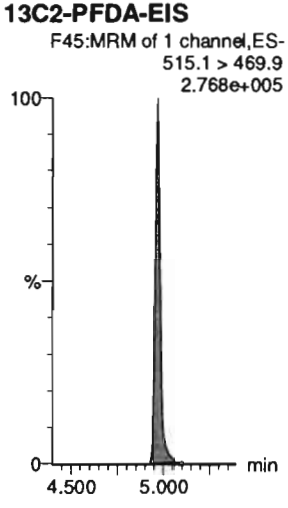
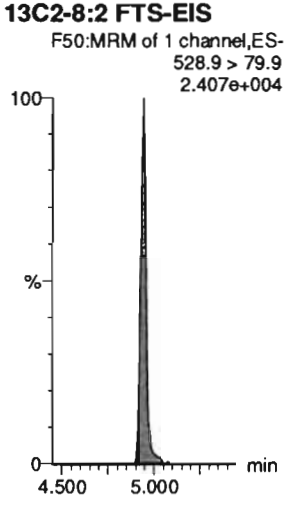


13C2-8:2 FTS-EIS



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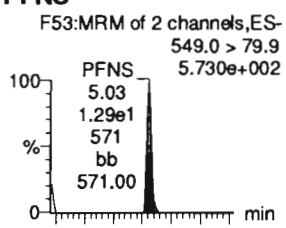
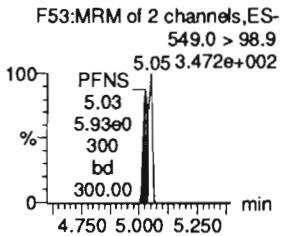
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

PFNS





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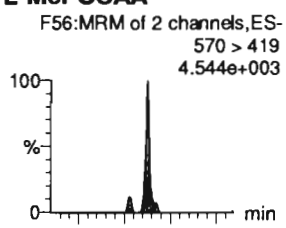

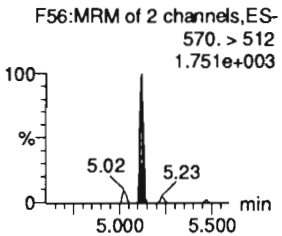

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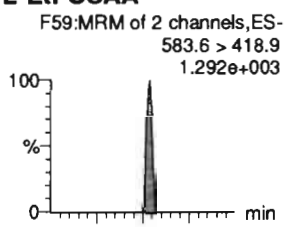
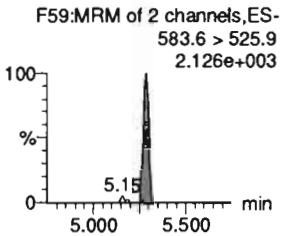
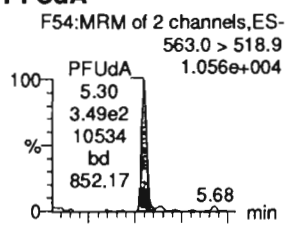
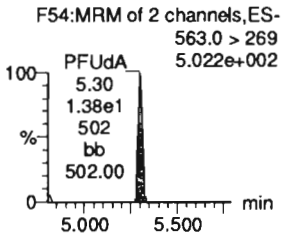




PFUdA





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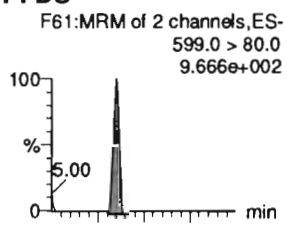

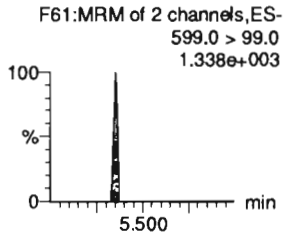

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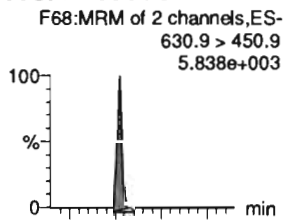
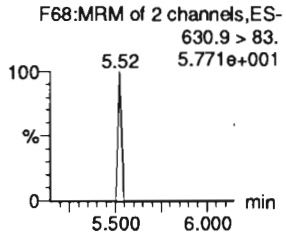
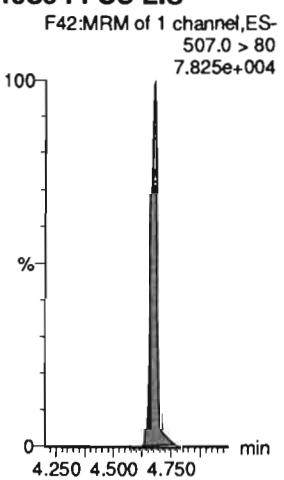




13C8-PFOS-EIS



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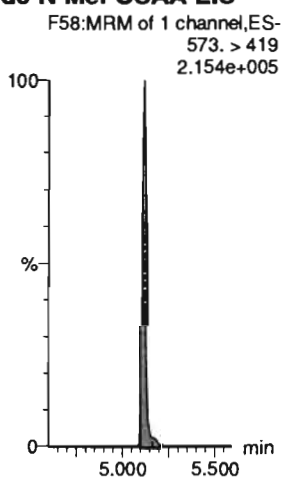

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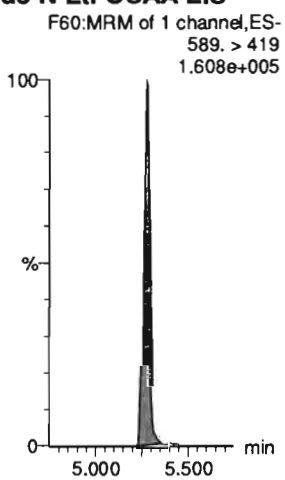
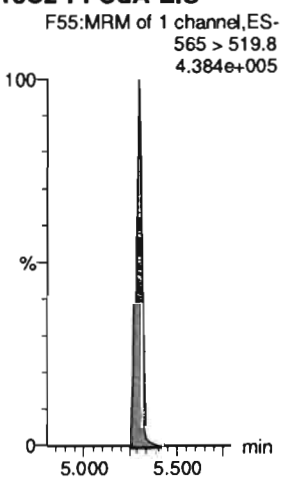
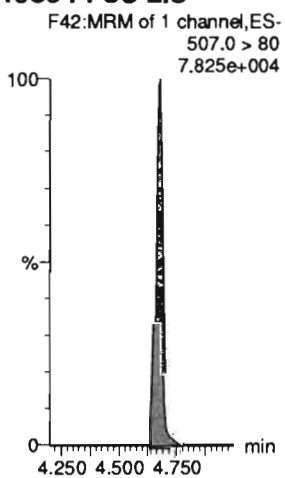


13C2-PFUdA-EIS



13C8-PFOS-EIS



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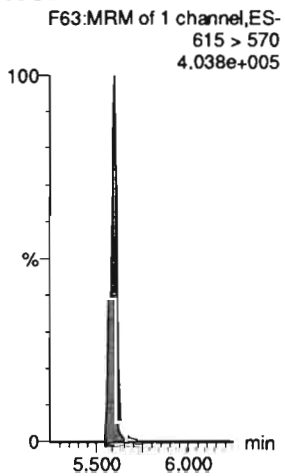

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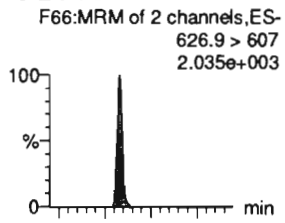
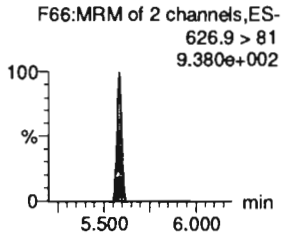
Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

10:2 FTS





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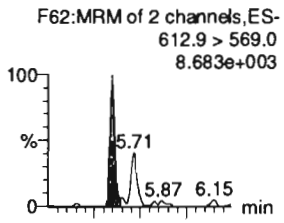
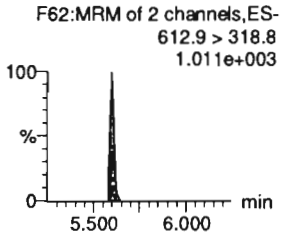
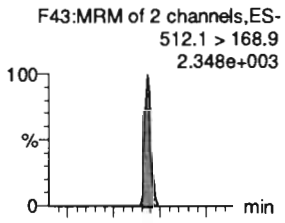
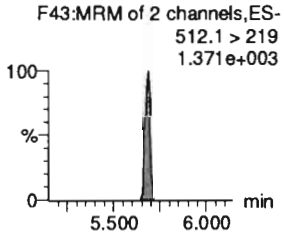




N-MeFOSA





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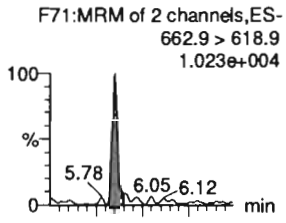

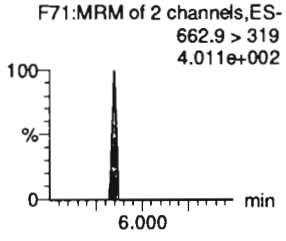

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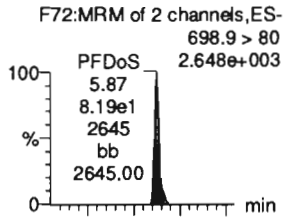
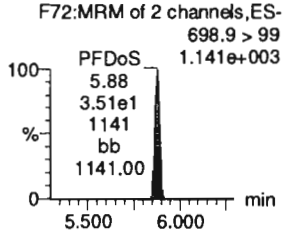
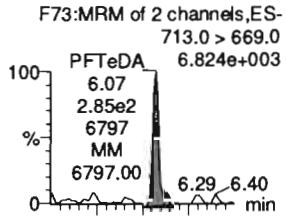
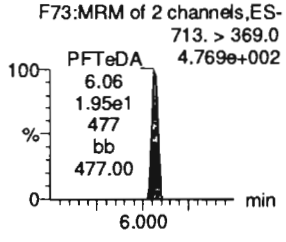




PFTeDA





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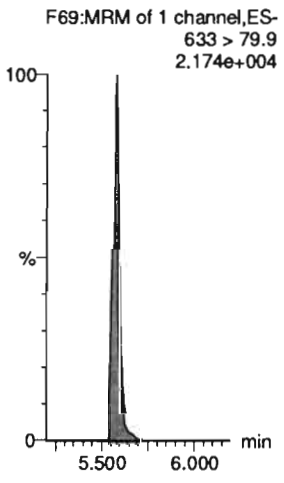
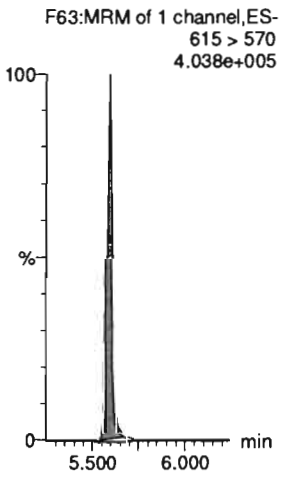
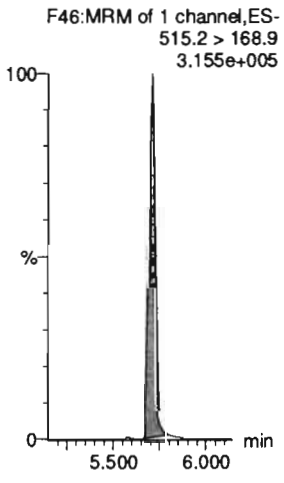


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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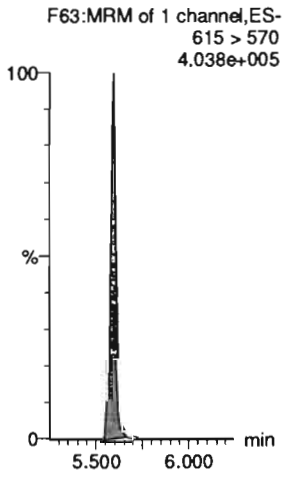

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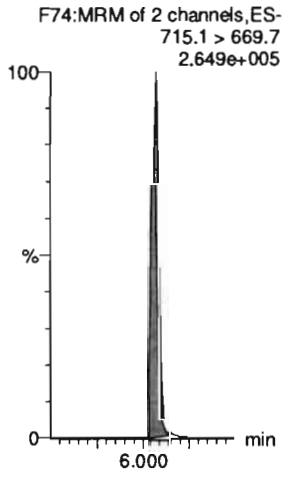

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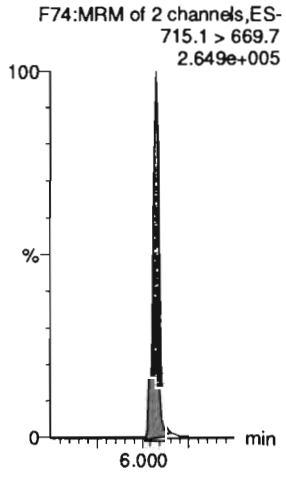

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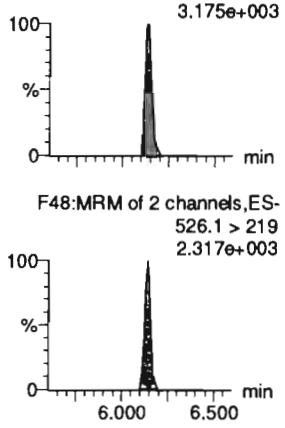
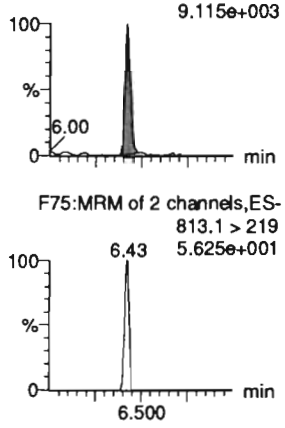
Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

N-EtFOSA



PFHxDA



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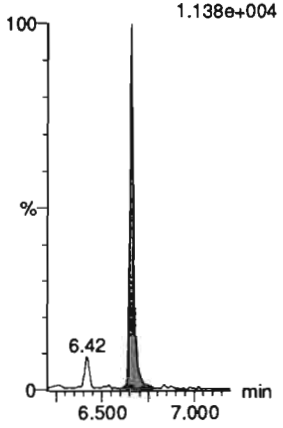
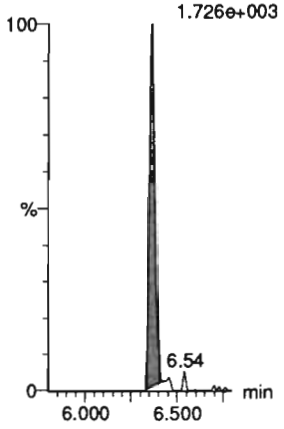
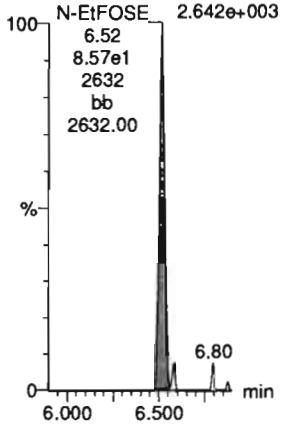


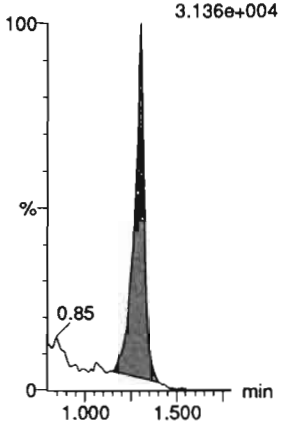
N-MeFOSE



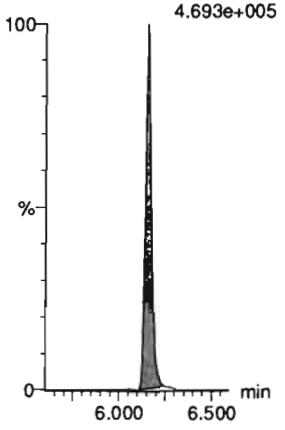
N-EtFOSE



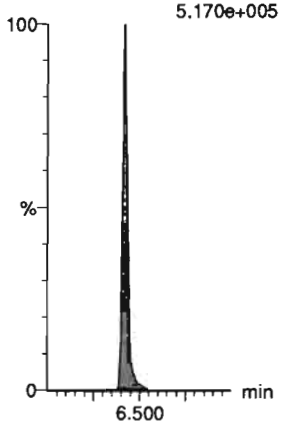
13C3-PFBA-RSD



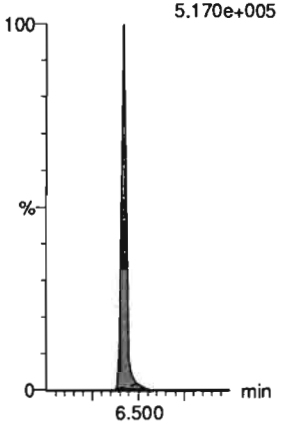
d5-N-ETFOSA-EIS



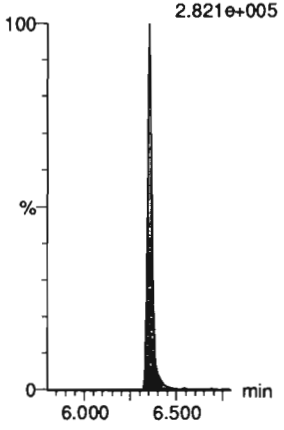
13C2-PFHxDA-EIS



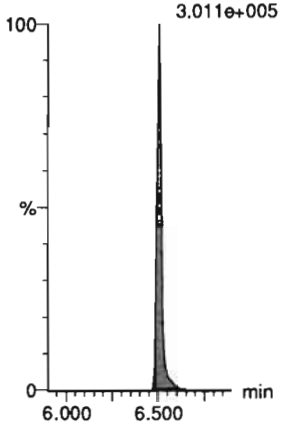
13C2-PFHxDA-EIS



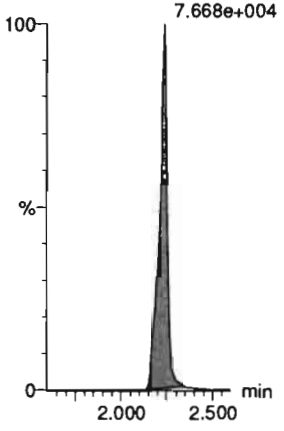
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

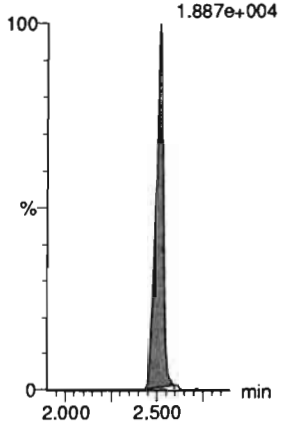


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

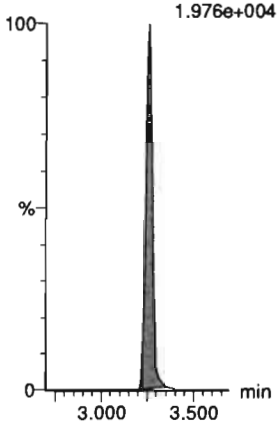
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

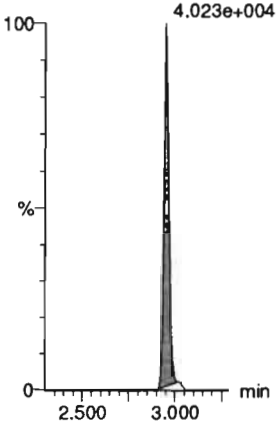
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.887e+004



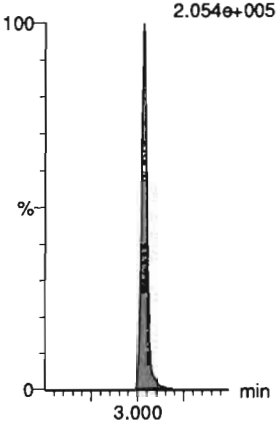
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.976e+004



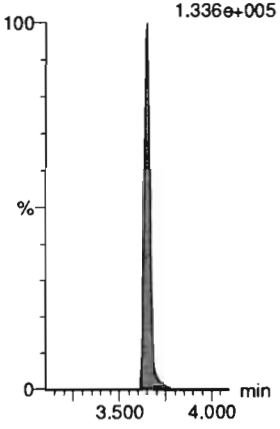
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.023e+004



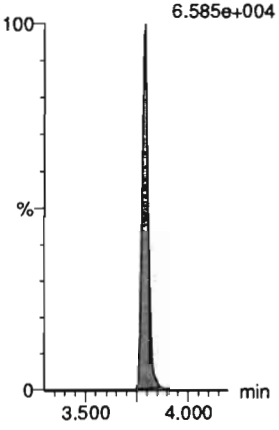
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.054e+005



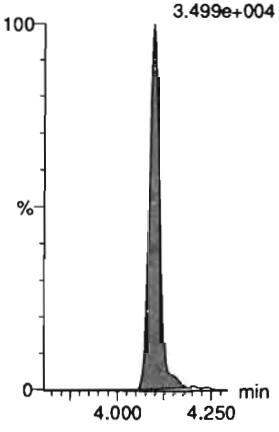
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.336e+005



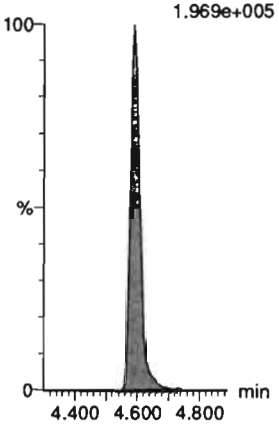
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
6.585e+004



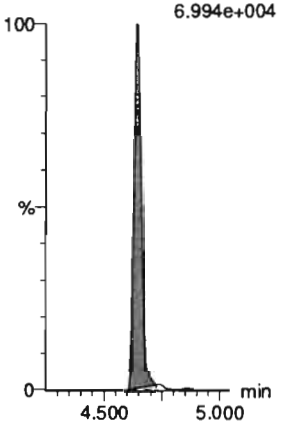
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.499e+004



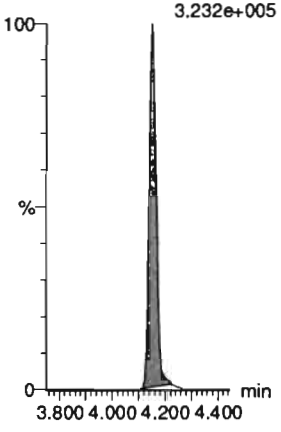
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
1.969e+005



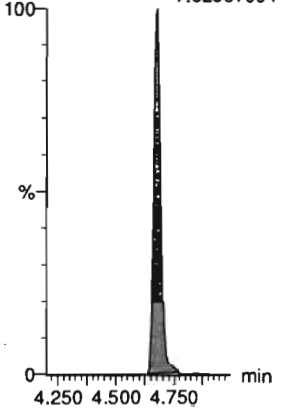
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
6.994e+004



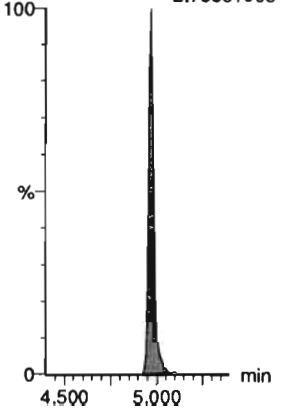
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.232e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
7.825e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.768e+005

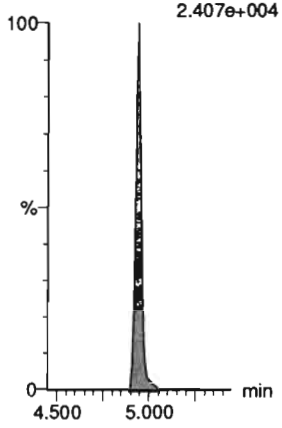


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

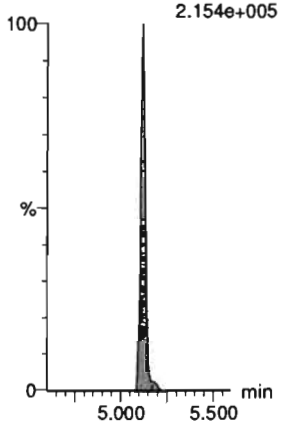
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

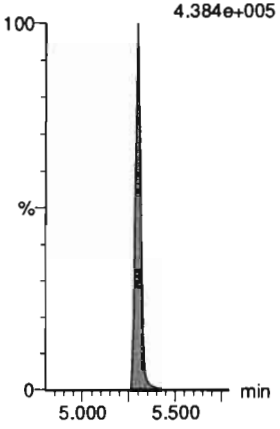
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
2.407e+004



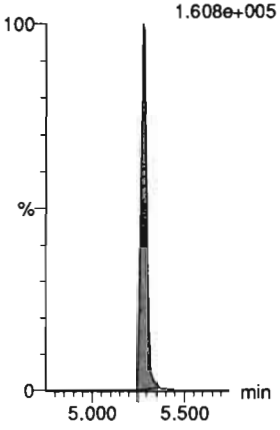
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.154e+005



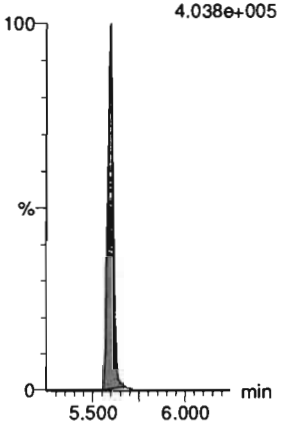
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.384e+005



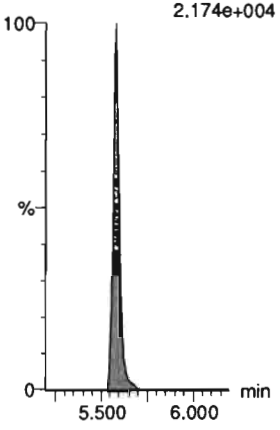
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.608e+005



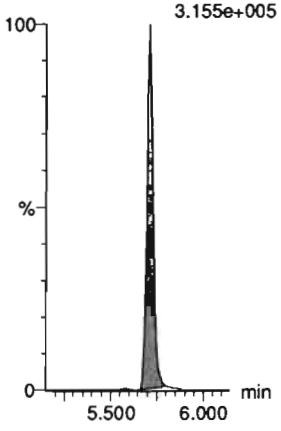
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.038e+005



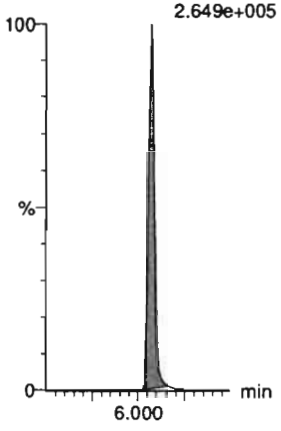
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.174e+004



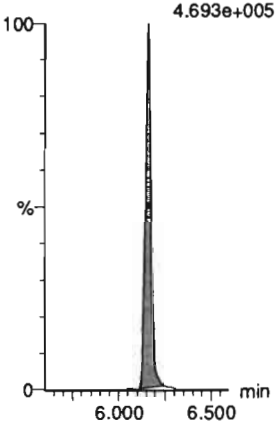
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.155e+005



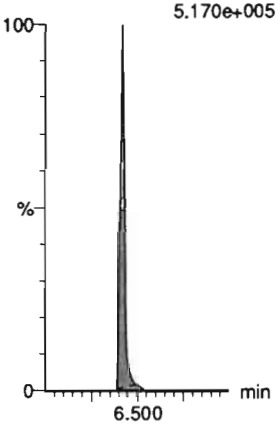
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.649e+005



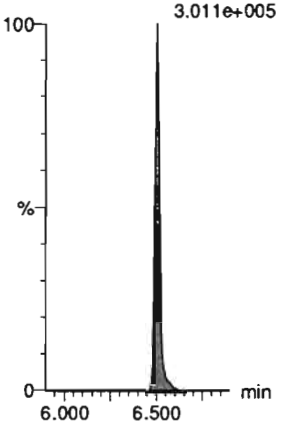
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.693e+005



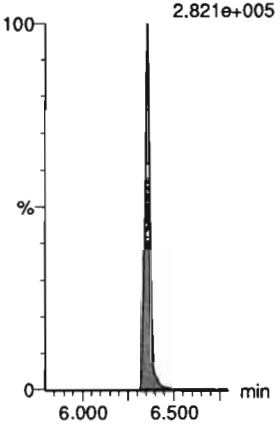
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.170e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.011e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.821e+005

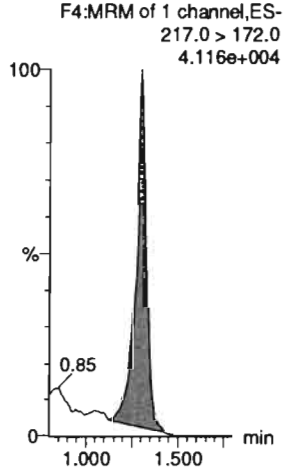


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

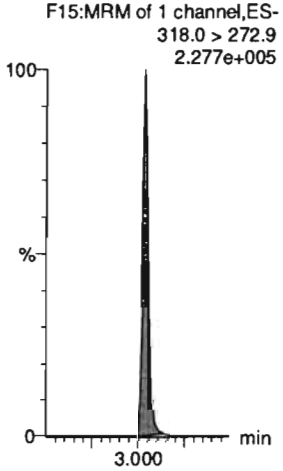
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_3, Date: 02-Jun-2020, Time: 16:37:27, ID: ST200602M2-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

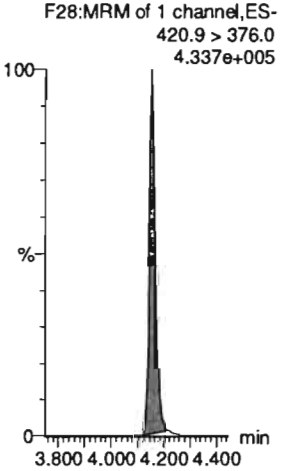
13C4-PFBA



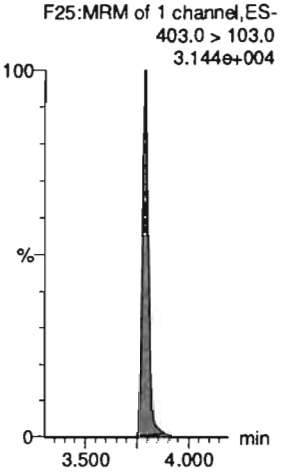
13C5-PFHxA



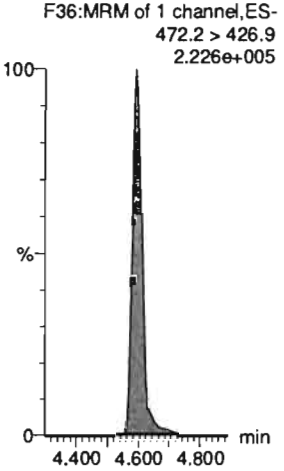
13C8-PFOA



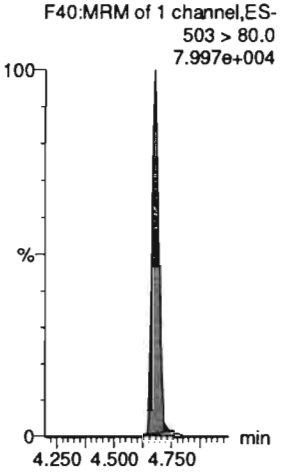
18O2-PFHxS



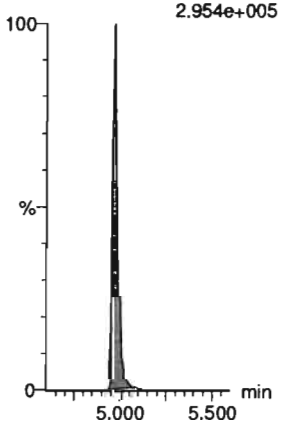
13C9-PFNA



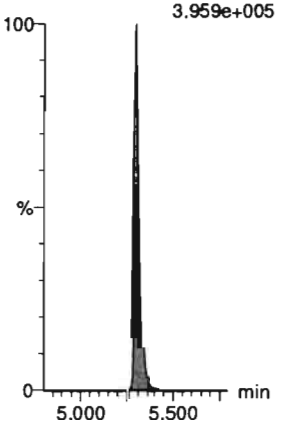
13C4-PFOS



13C6-PFDA



13C7-PFUdA

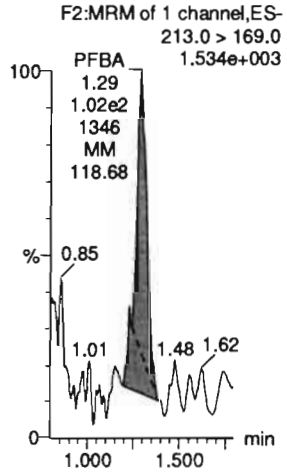


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

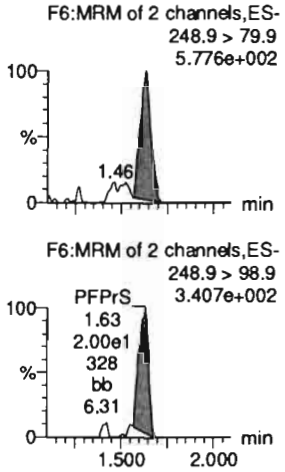
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

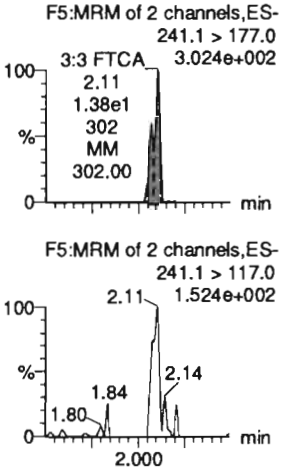
PFBA



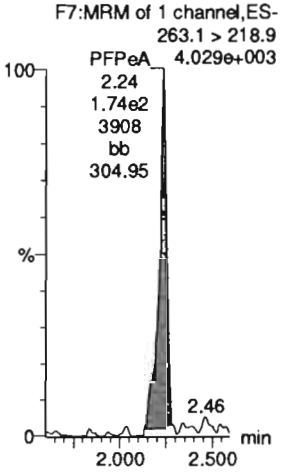
PFPrS



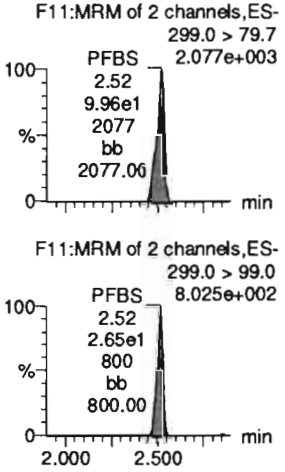
3:3 FTCA



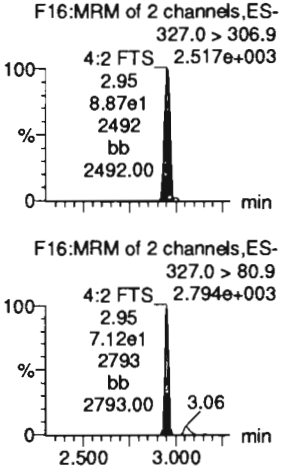
PFPeA



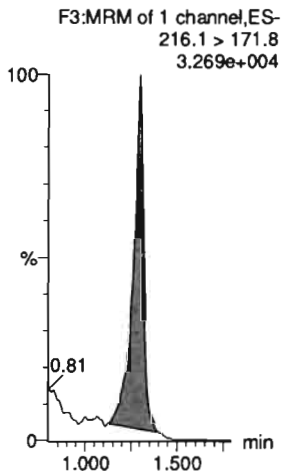
PFBS



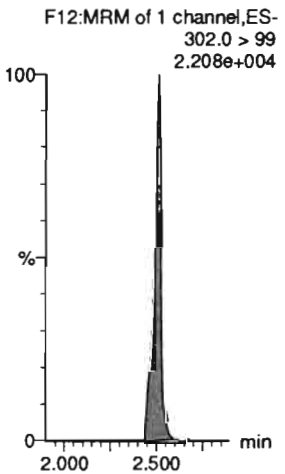
4:2 FTS



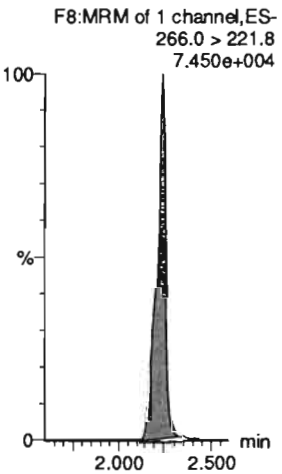
13C3-PFBA-EIS



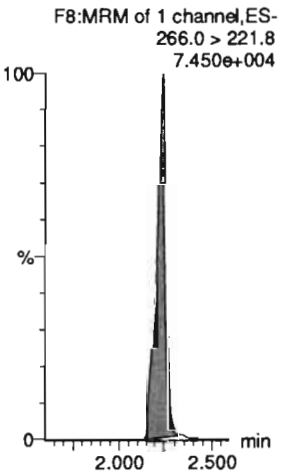
13C3-PFBS-EIS



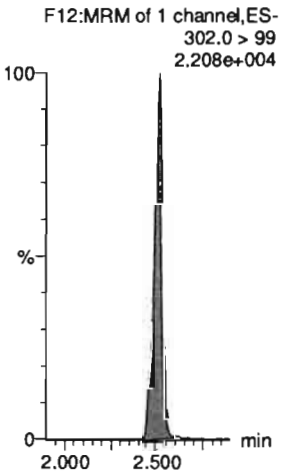
13C3-PFPeA-EIS



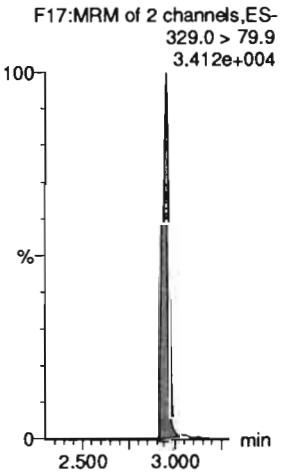
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

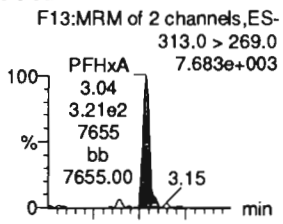


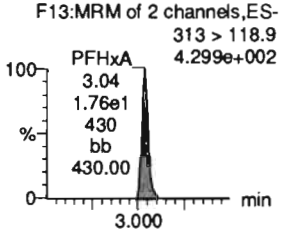
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

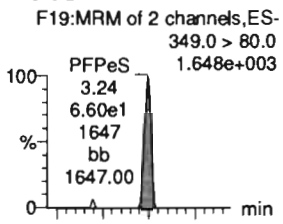
Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

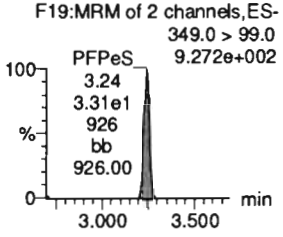
PFHxA



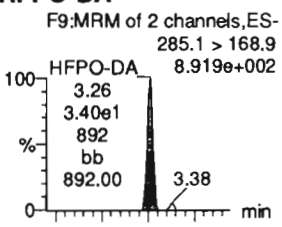


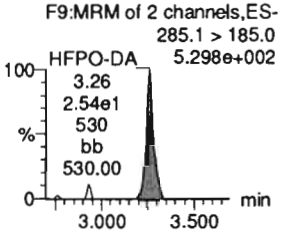
PFPeS



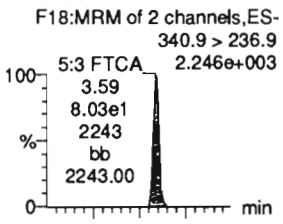


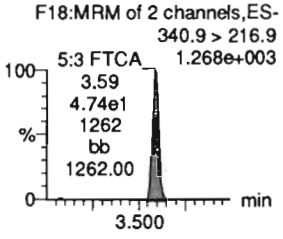
HFPO-DA



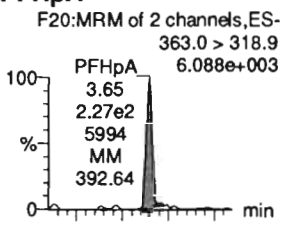


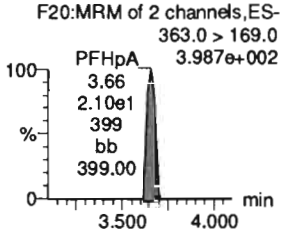
5:3 FTCA





PFHpA





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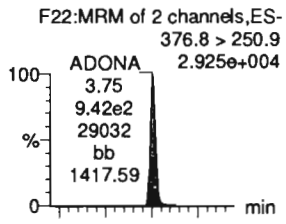
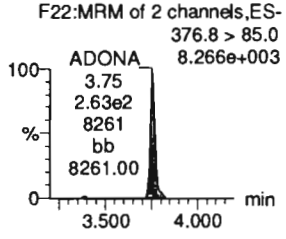
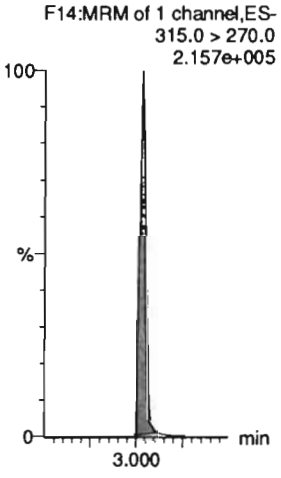
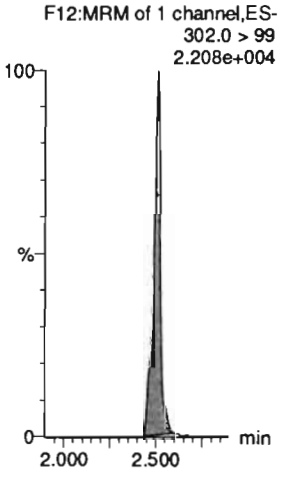




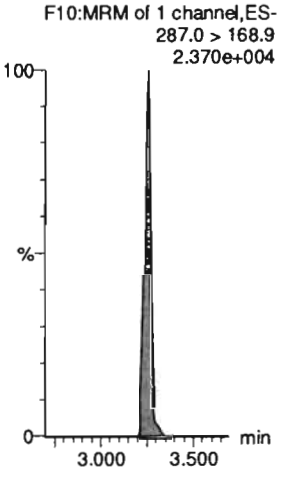
13C2-PFHxA-EIS



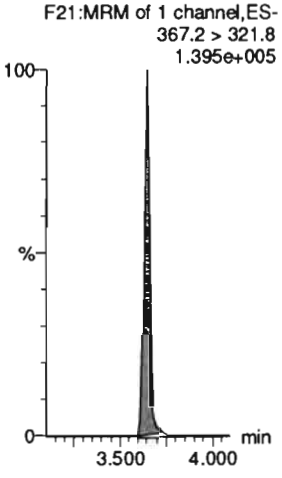
13C3-PFBS-EIS



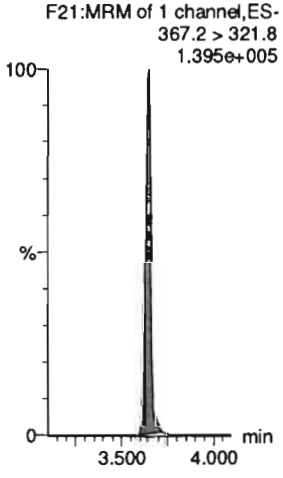
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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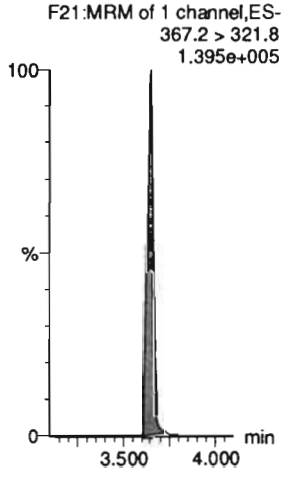

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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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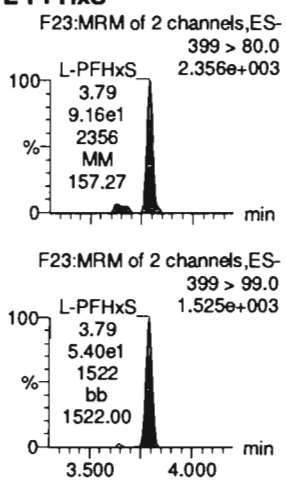
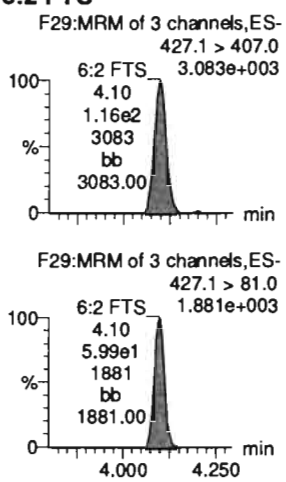
Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

L-PFHxS



6:2 FTS



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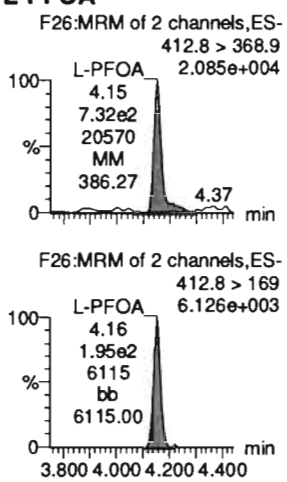

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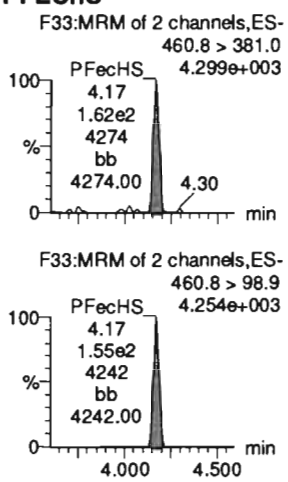

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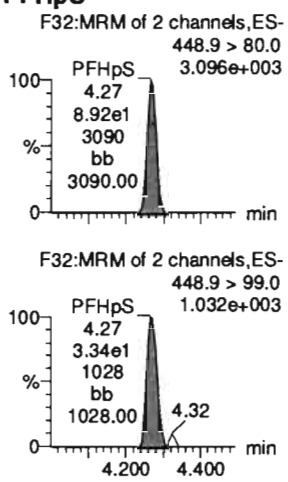
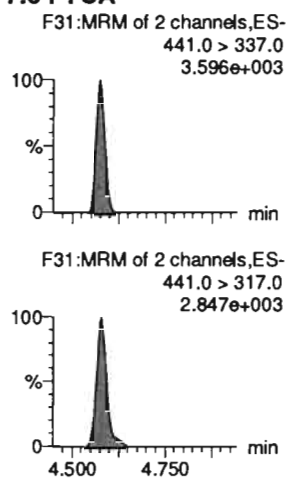
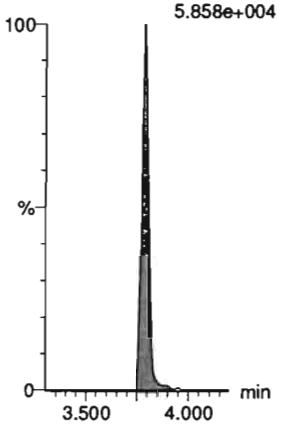


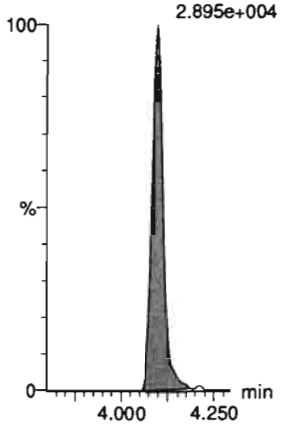
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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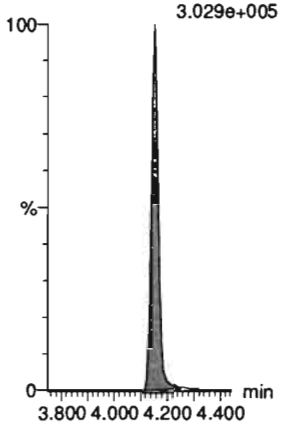

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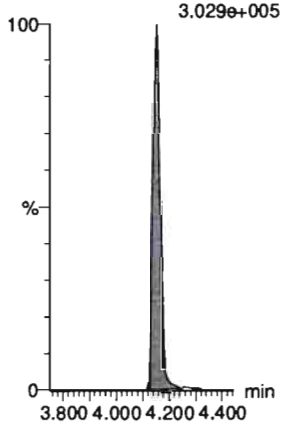
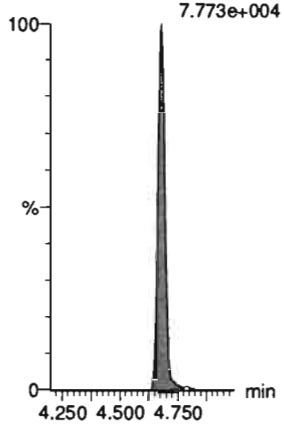
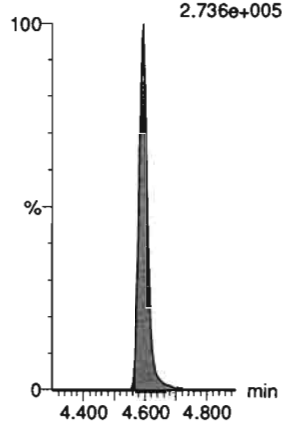


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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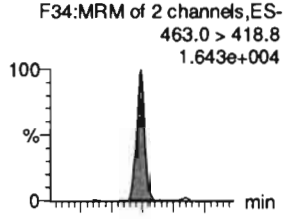
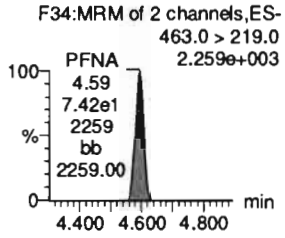
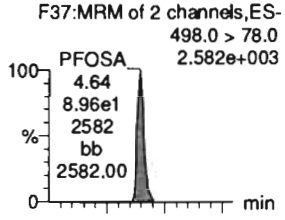
Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

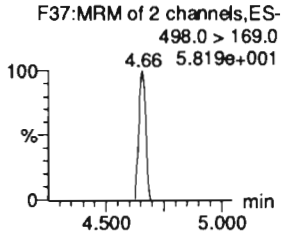
PFNA



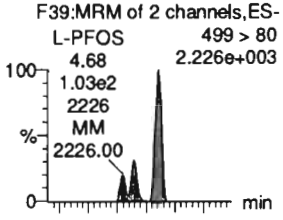


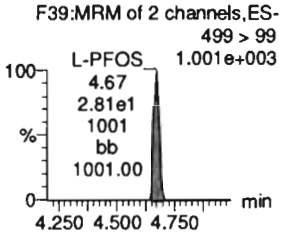
PFOSA





L-PFOS





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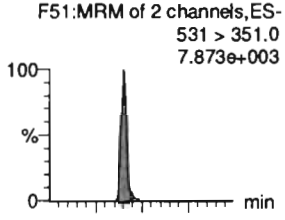

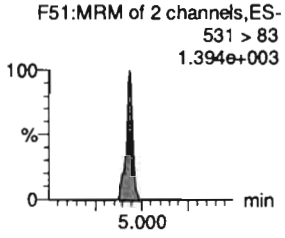

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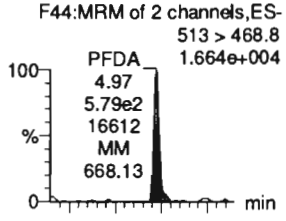
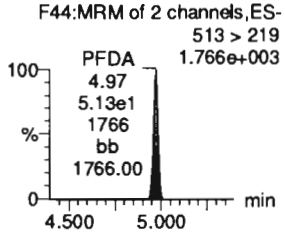
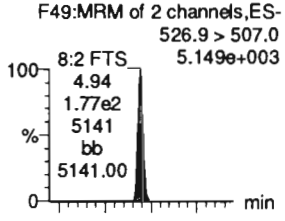
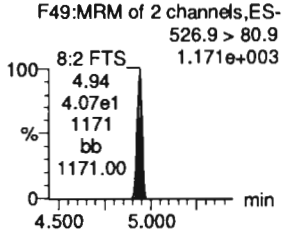


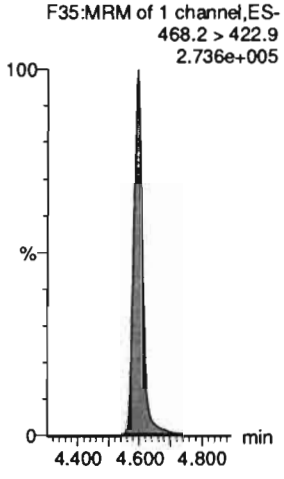


8:2 FTS

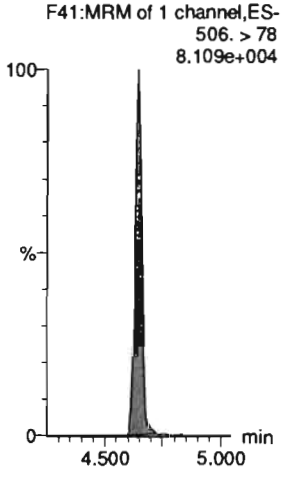




13C5-PFNA-EIS



13C8-PFOSA-EIS



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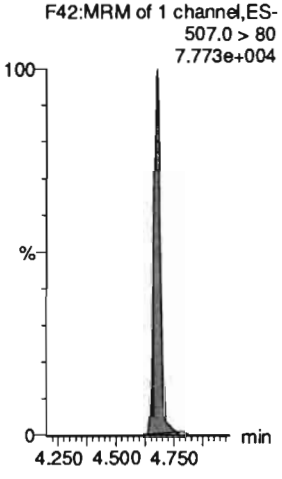

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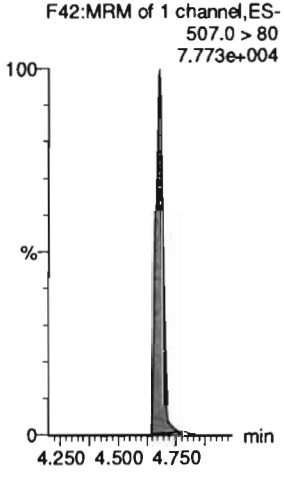
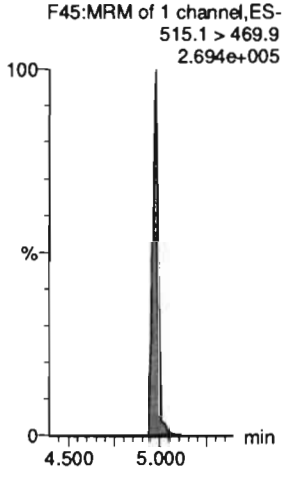
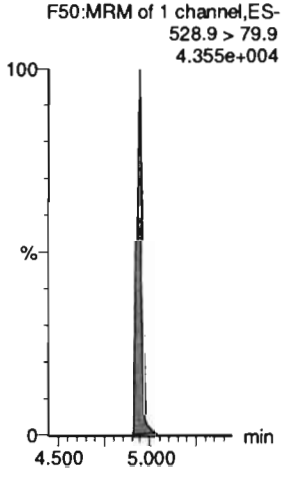


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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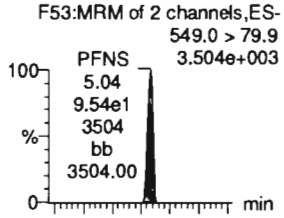
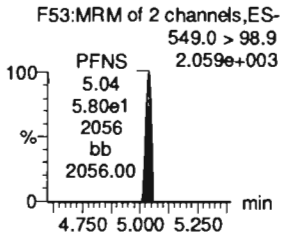
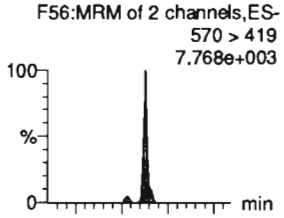
Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

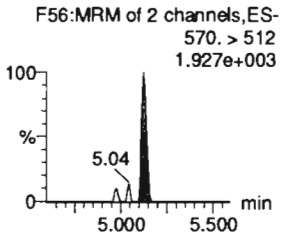
PFNS



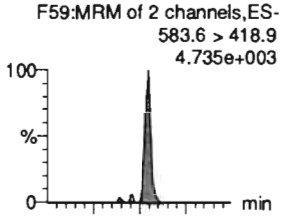


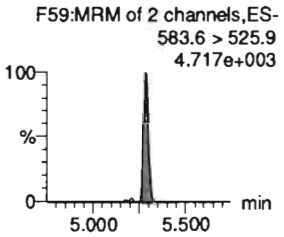
L-MeFOSAA



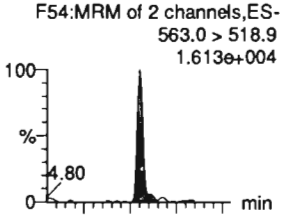


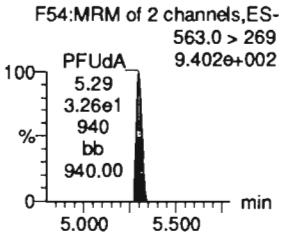
L-EtFOSAA



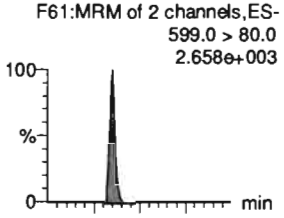


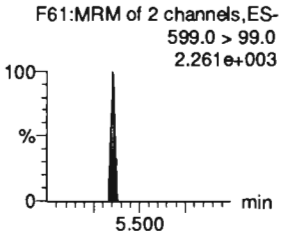
PFUdA



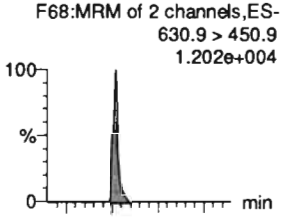


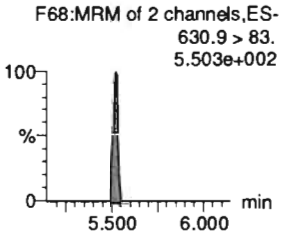
PFDS



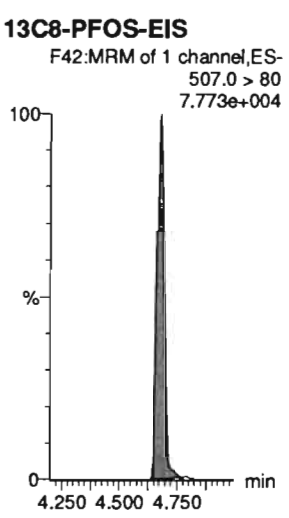


11Cl-PF30UdS

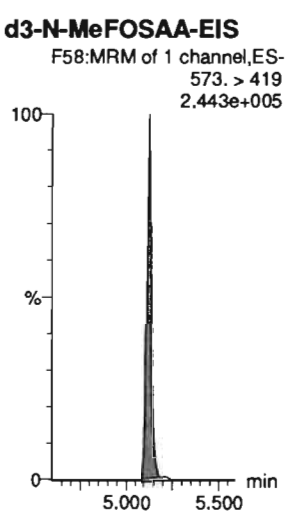




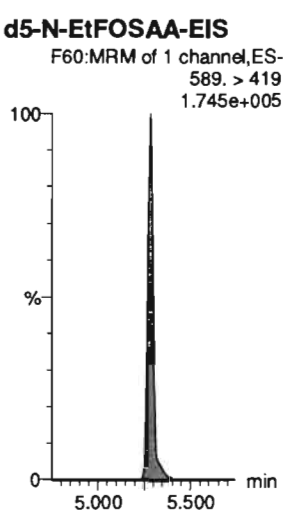
13C8-PFOS-EIS



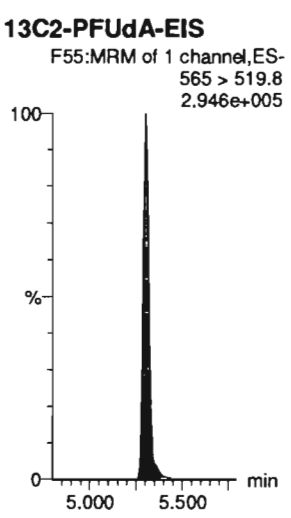
d3-N-MeFOSAA-EIS



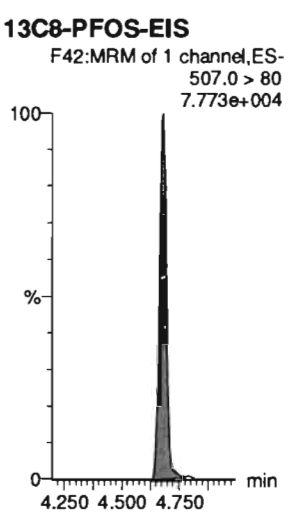
d5-N-EtFOSAA-EIS



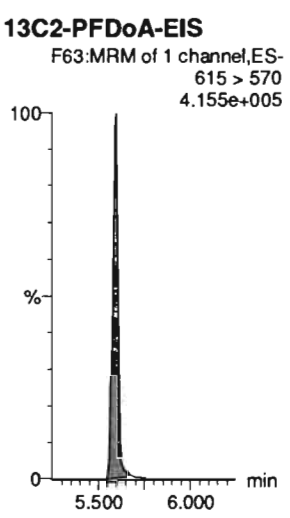
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

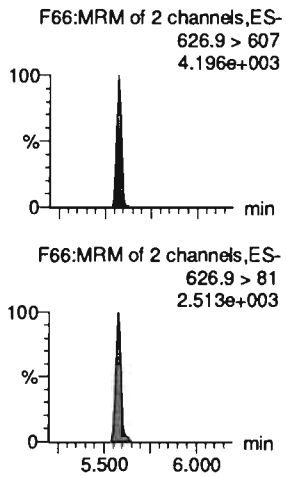


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

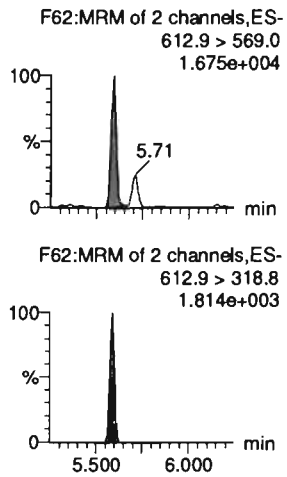
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

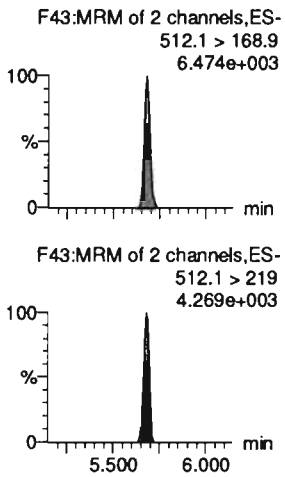
10:2 FTS



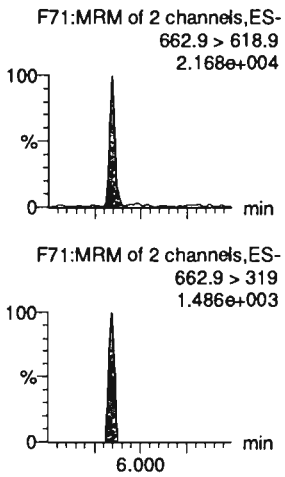
PFDoA



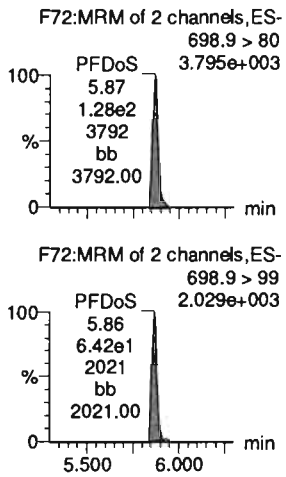
N-MeFOSA



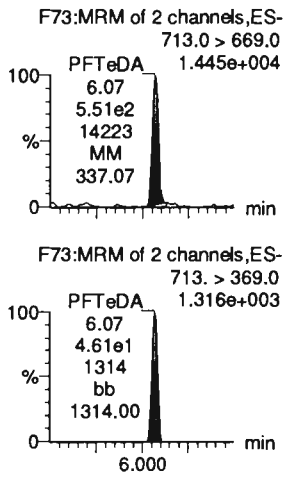
PFTrDA



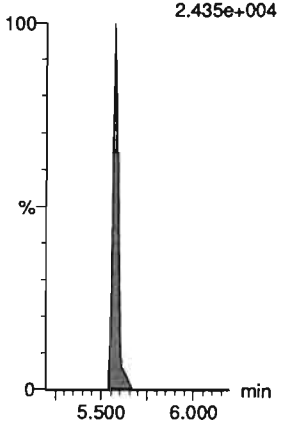
PFDoS



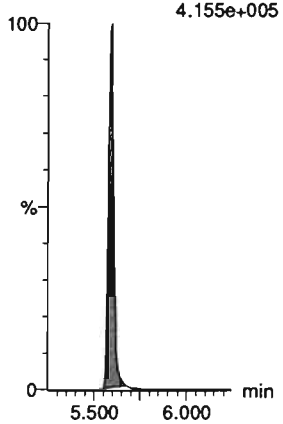
PFTeDA



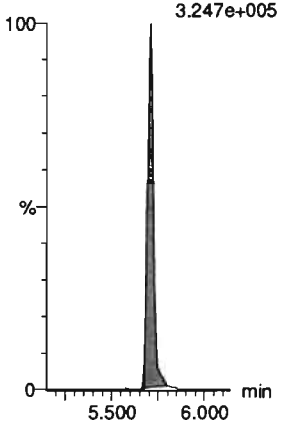
13C2-10:2 FTS-EIS



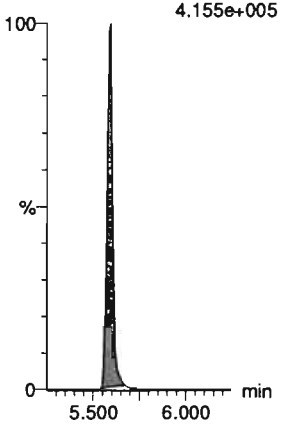
13C2-PFDoA-EIS



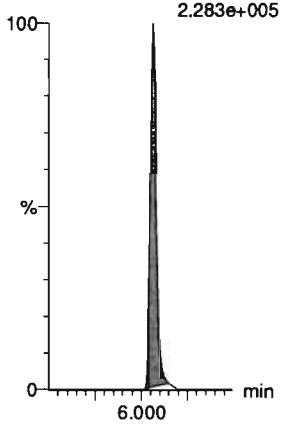
d3-N-MeFOSA-EIS



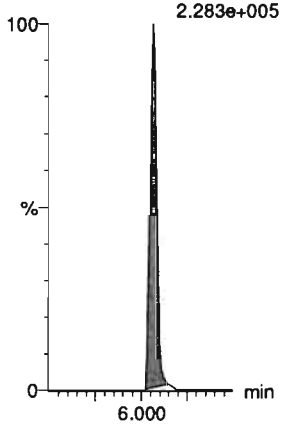
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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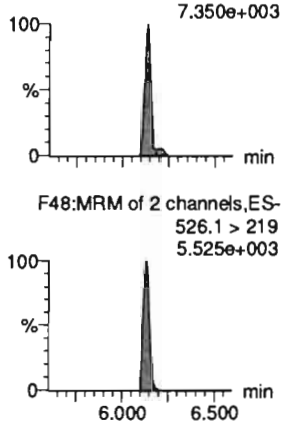
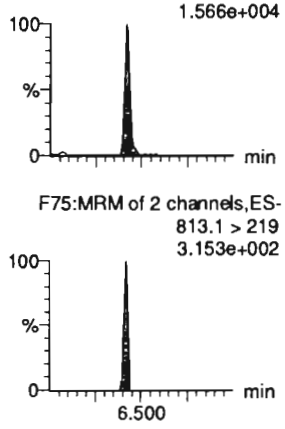
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

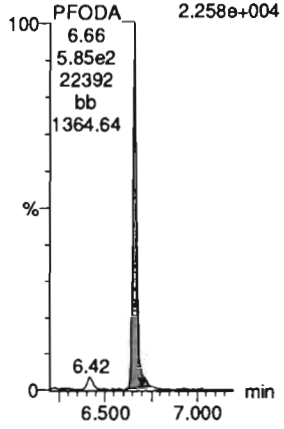
N-EtFOSA



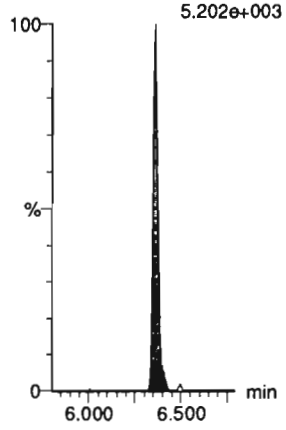
PFHxDA



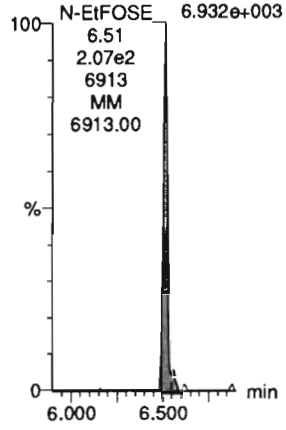
PFODA



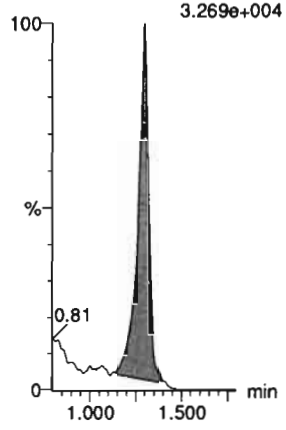
N-MeFOSE



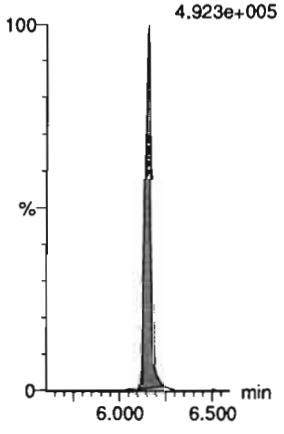
N-EtFOSE



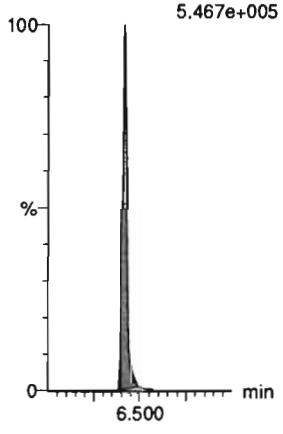
13C3-PFBA-RSD



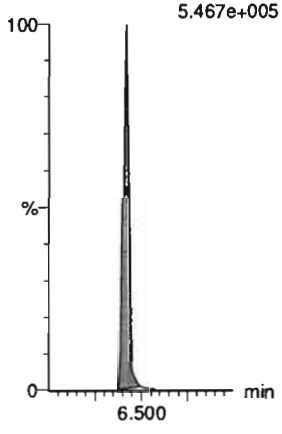
d5-N-ETFOSA-EIS



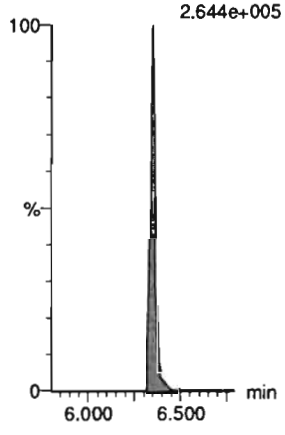
13C2-PFHxDA-EIS



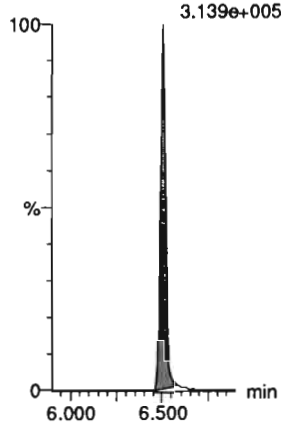
13C2-PFHxDA-EIS



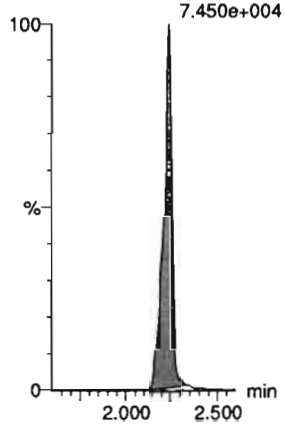
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

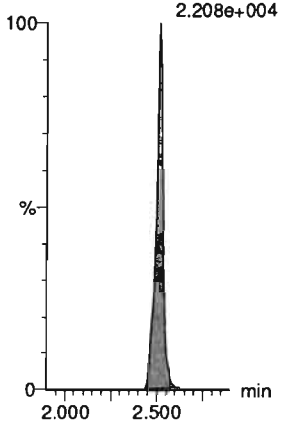


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

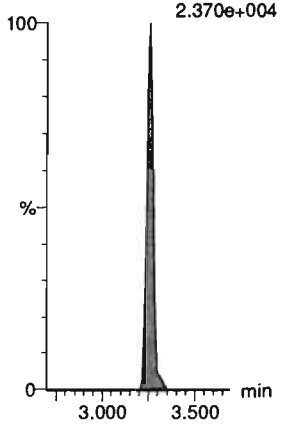
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

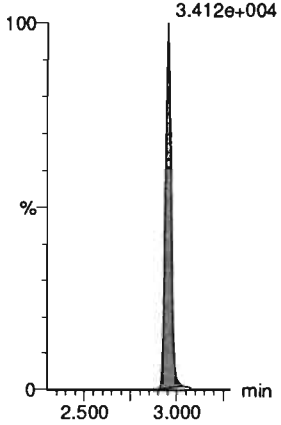
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.208e+004



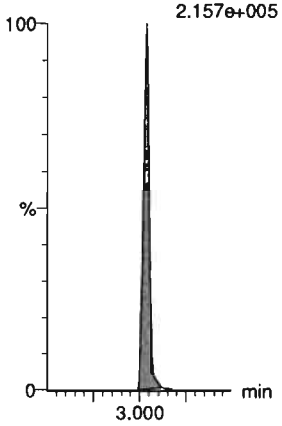
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.370e+004



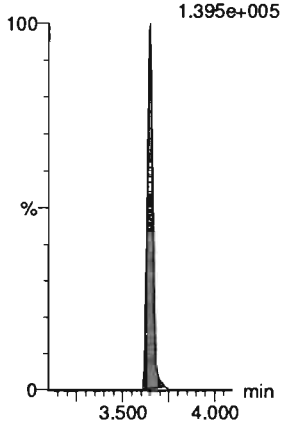
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.412e+004



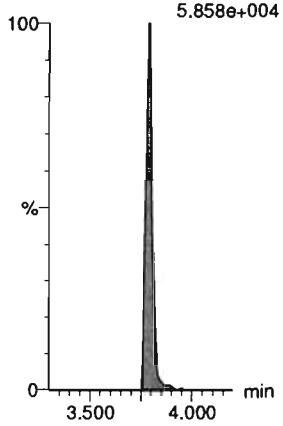
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.157e+005



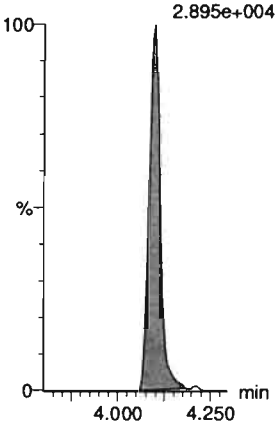
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.395e+005



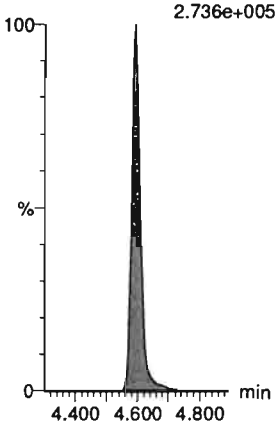
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
5.858e+004



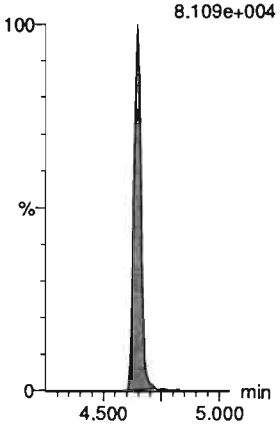
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
2.895e+004



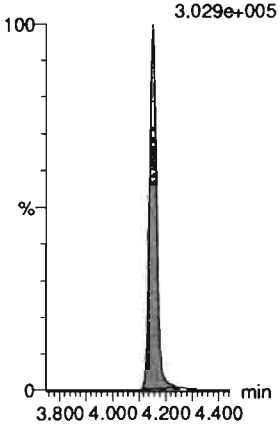
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.736e+005



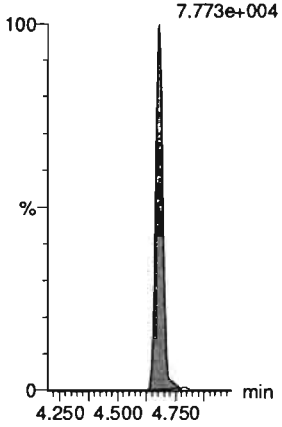
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
8.109e+004



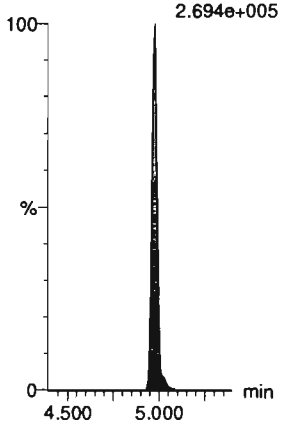
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.029e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
7.773e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.694e+005

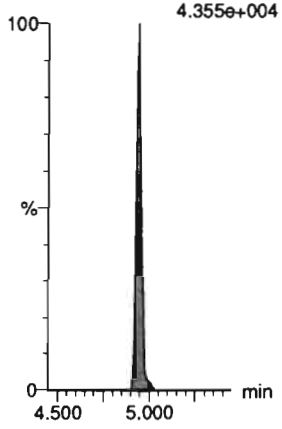


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

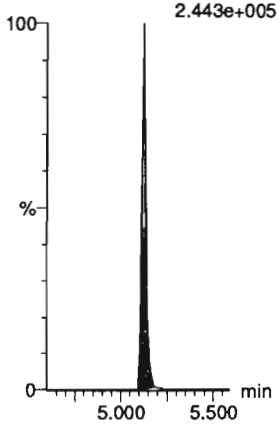
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

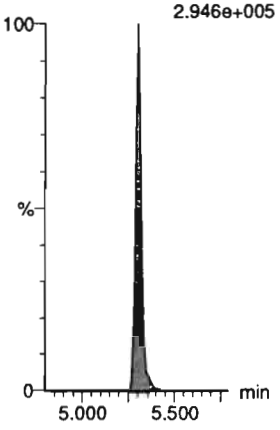
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.355e+004



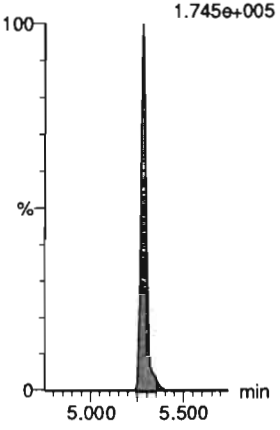
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.443e+005



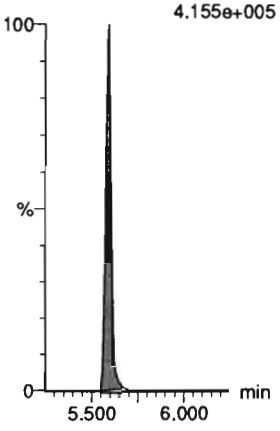
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
2.946e+005



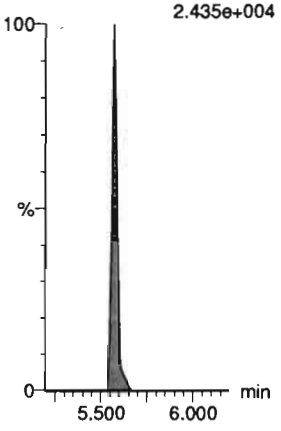
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.745e+005



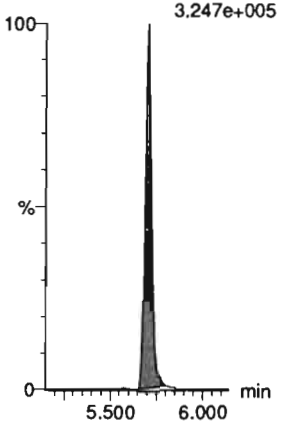
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.155e+005



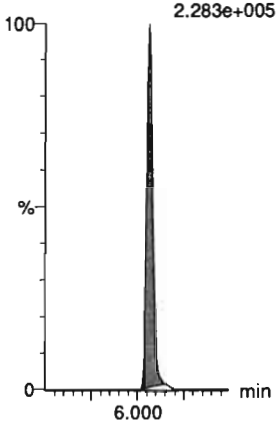
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.435e+004



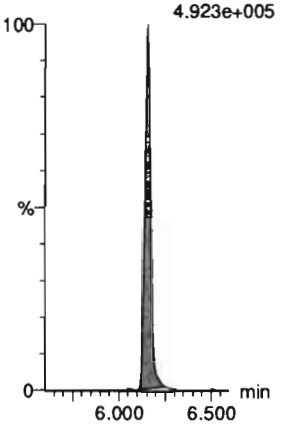
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.247e+005



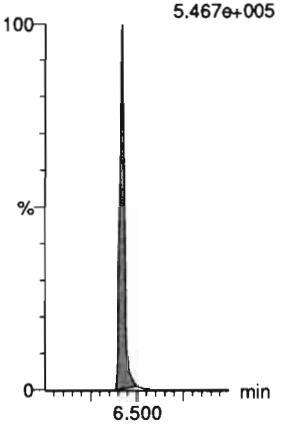
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.283e+005



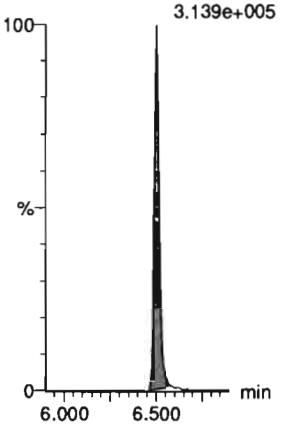
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.923e+005



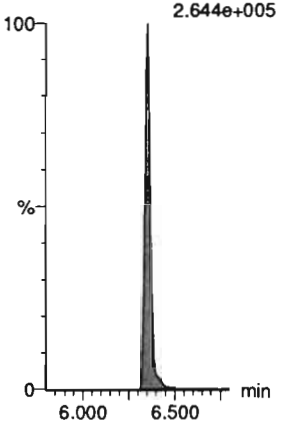
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.467e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.139e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.644e+005

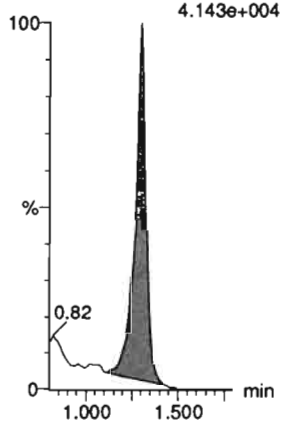


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

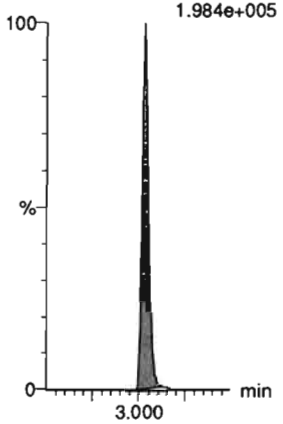
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_4, Date: 02-Jun-2020, Time: 16:47:52, ID: ST200602M2-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

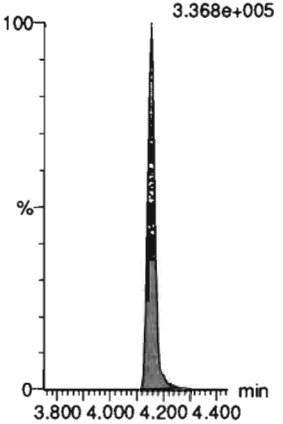
13C4-PFBA



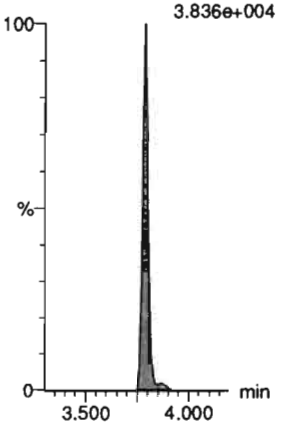
13C5-PFHxA



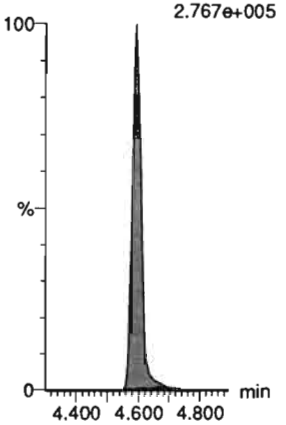
13C8-PFOA



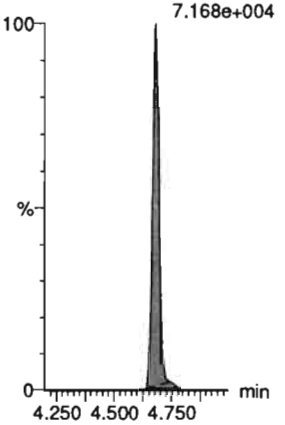
18O2-PFHxS



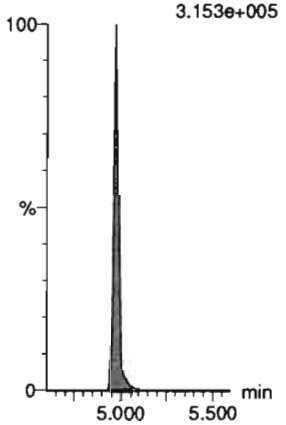
13C9-PFNA



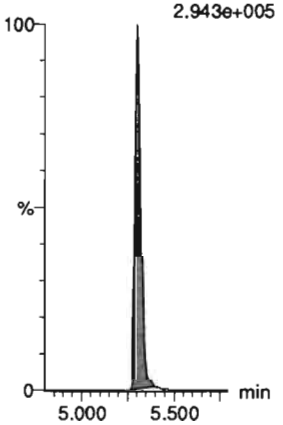
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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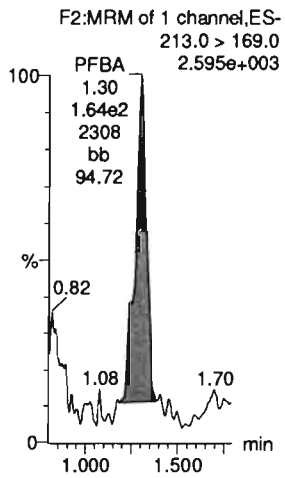
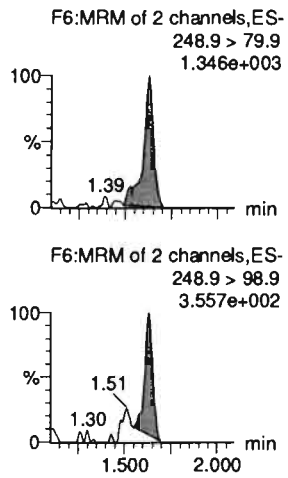
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

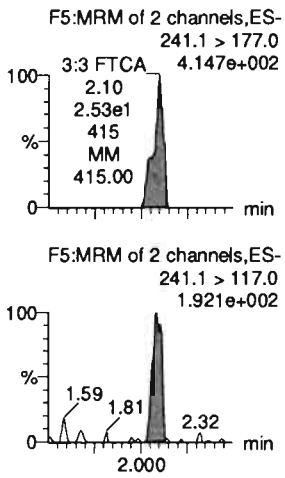
PFBA



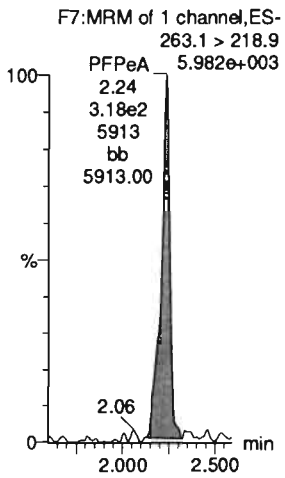
PFPrS



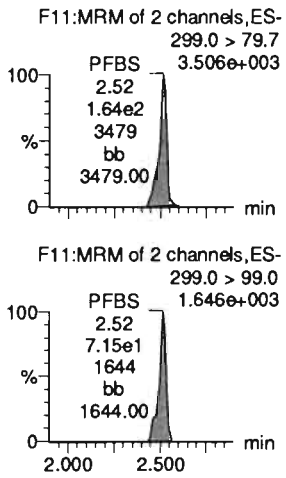
3:3 FTCA



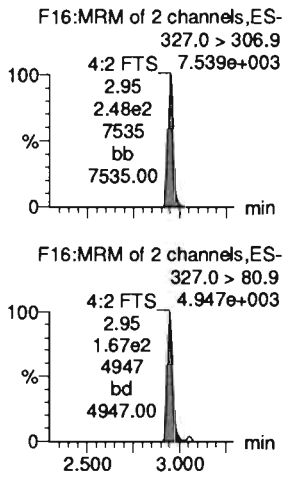
PFPeA



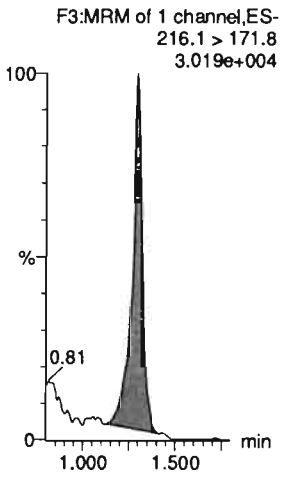
PFBS



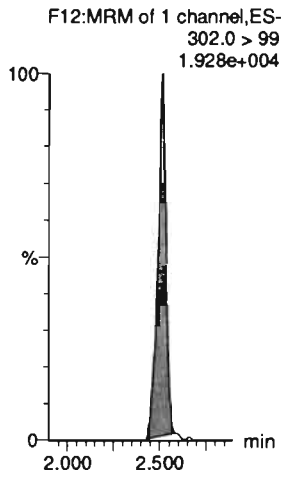
4:2 FTS



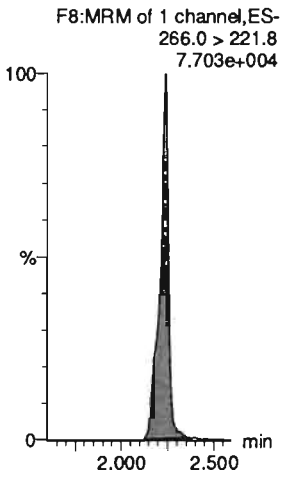
13C3-PFBA-EIS



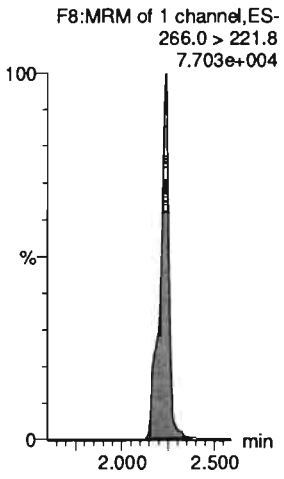
13C3-PFBS-EIS



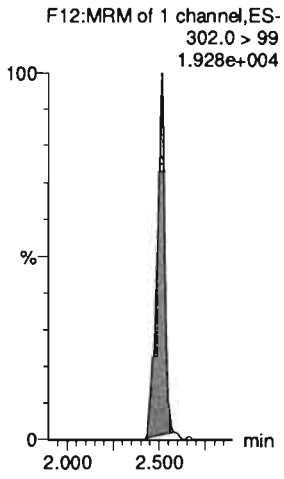
13C3-PFPeA-EIS



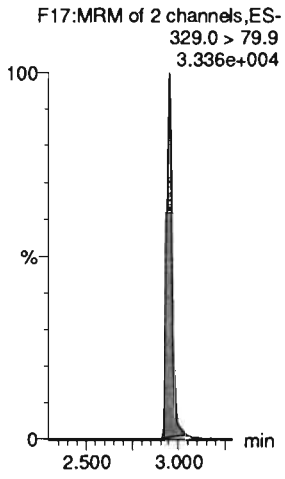
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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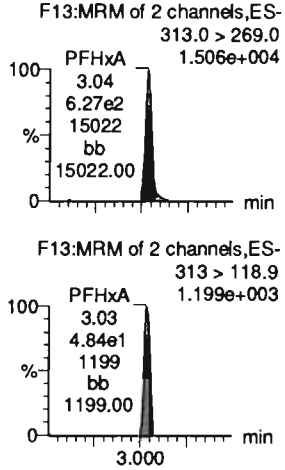
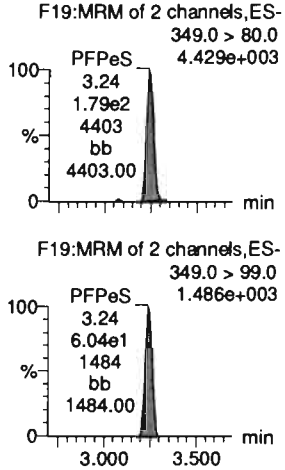
Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

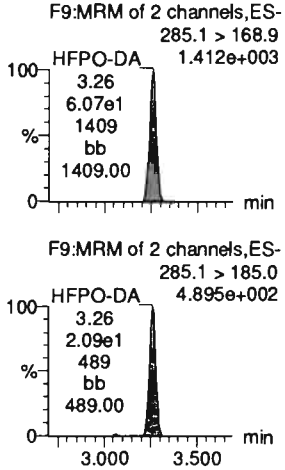
PFHxA



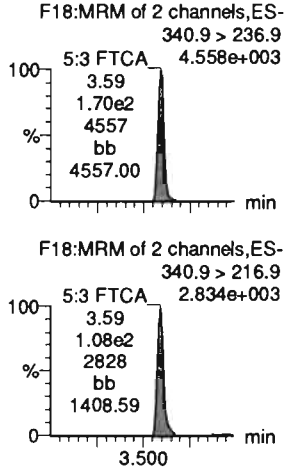
PFPeS



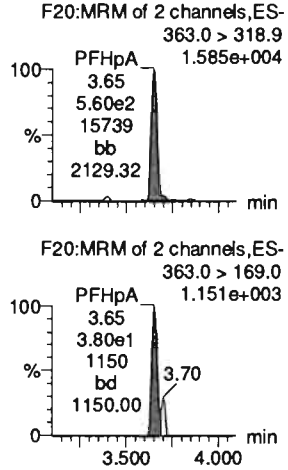
HFPO-DA



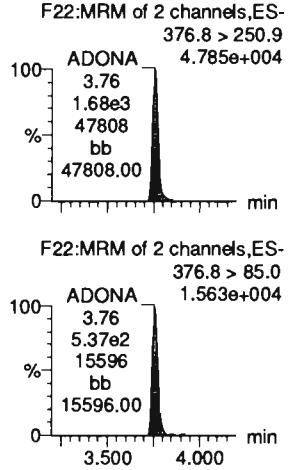
5:3 FTCA



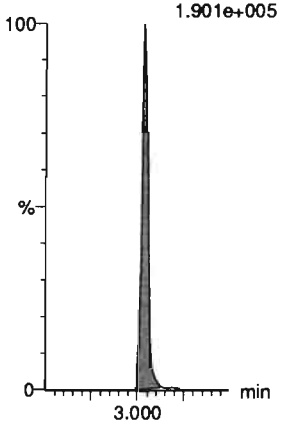
PFHpA



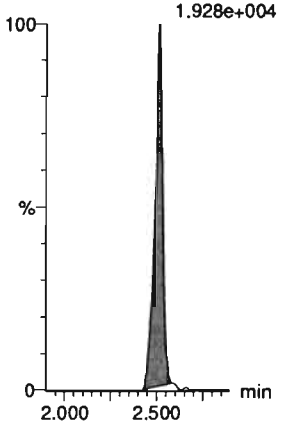
ADONA



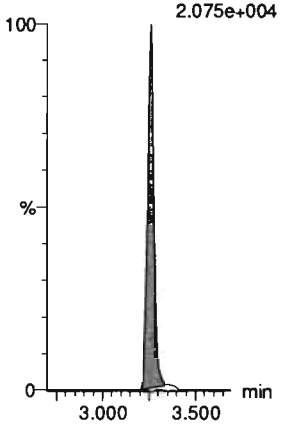
13C2-PFHxA-EIS



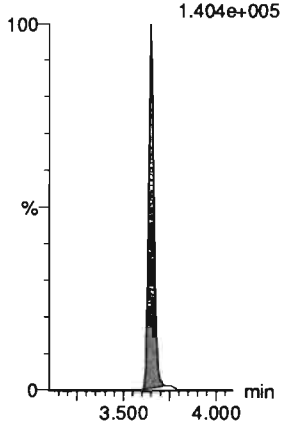
13C3-PFBS-EIS



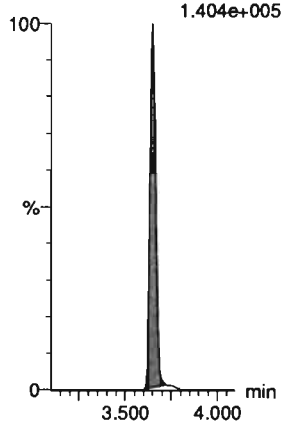
13C3-HFPO-DA-EIS



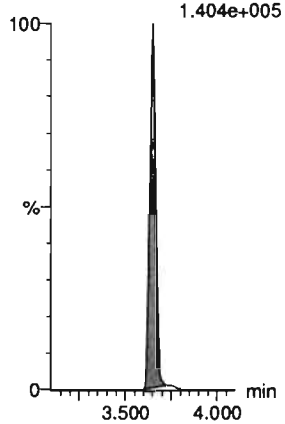
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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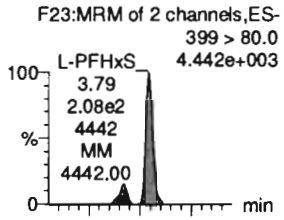
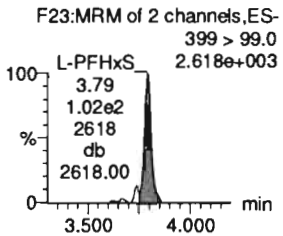
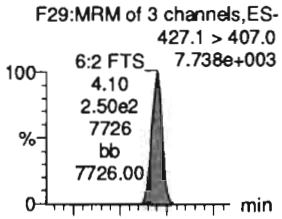
Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

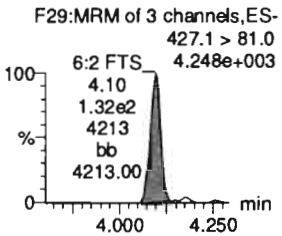
L-PFHxS



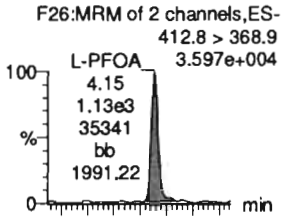


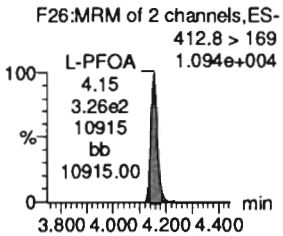
6:2 FTS





L-PFOA





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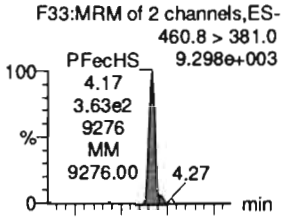

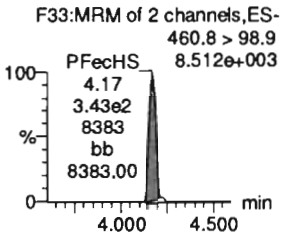

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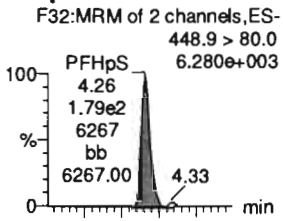
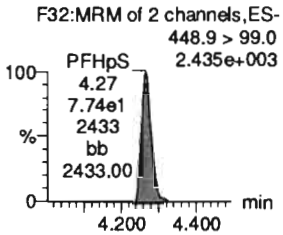
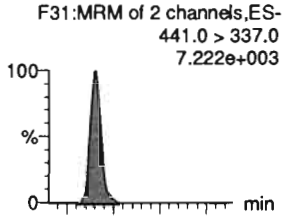
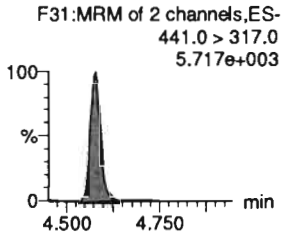


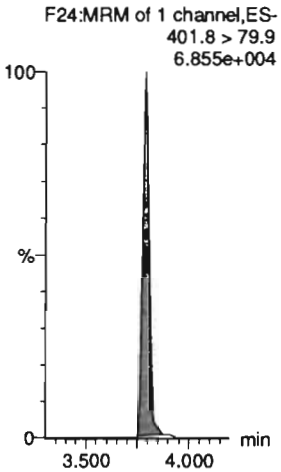


7:3 FTCA

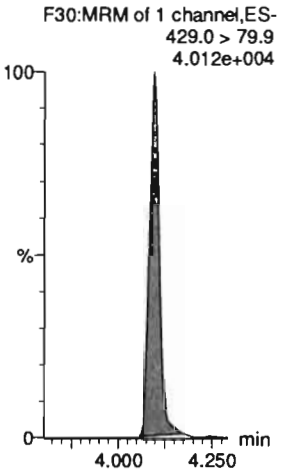




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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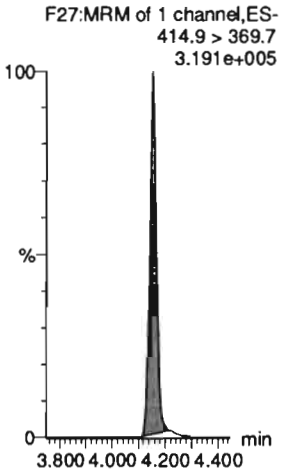
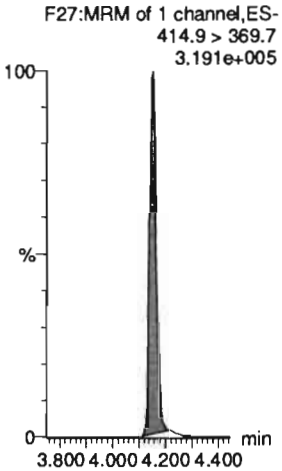
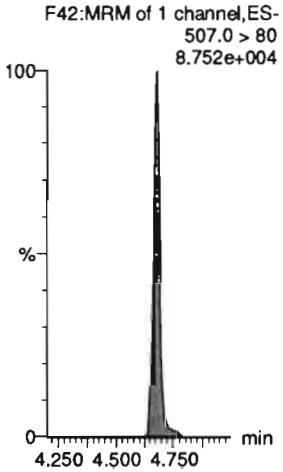


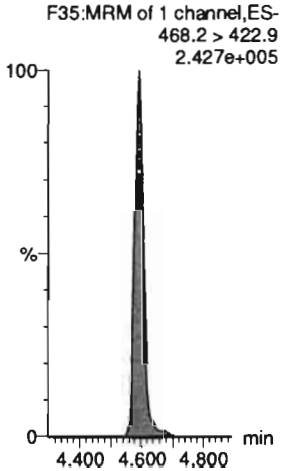
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

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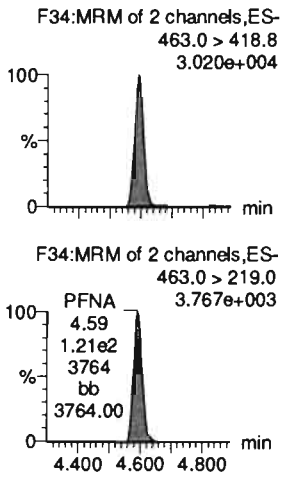

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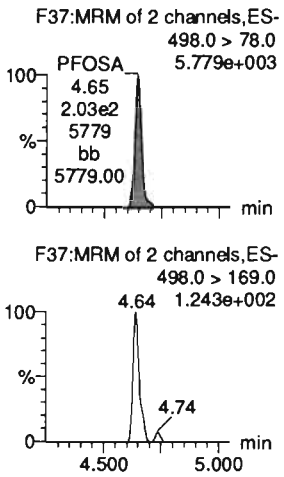
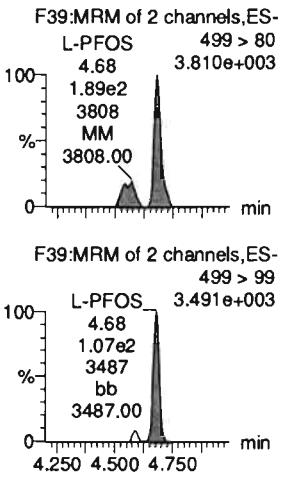
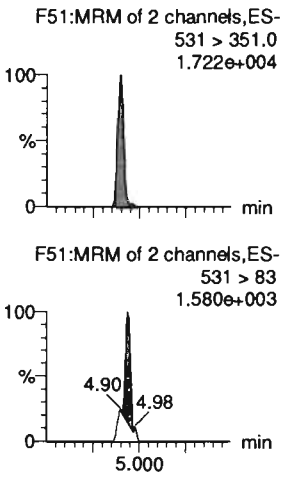


L-PFOS



9Cl-PF30NS



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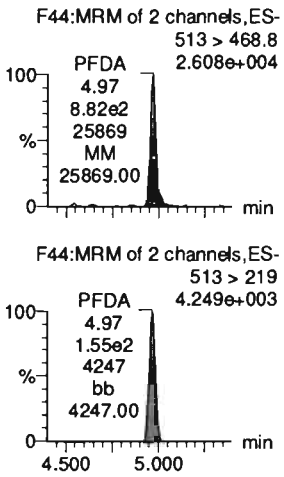
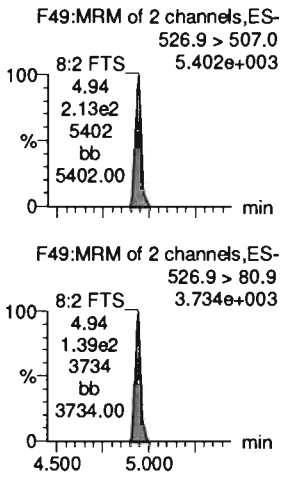
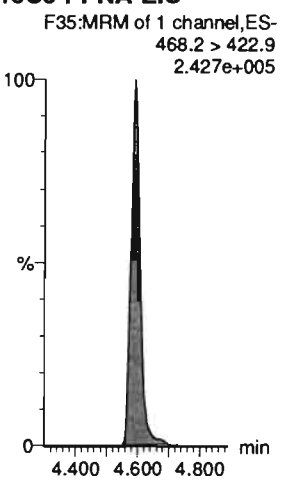


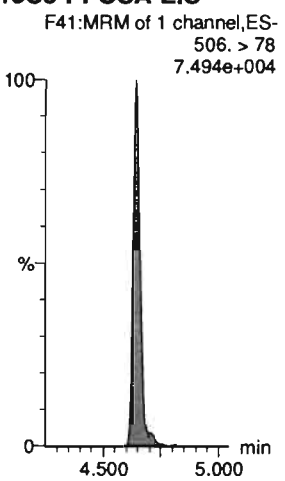
8:2 FTS



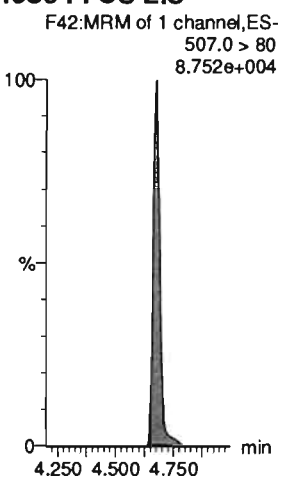
13C5-PFNA-EIS



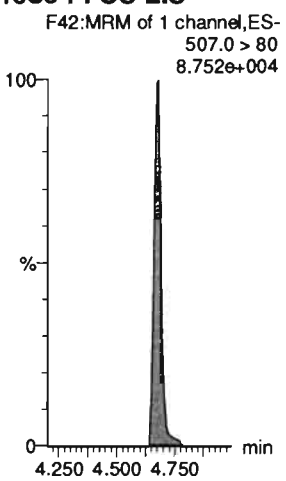
13C8-PFOSA-EIS



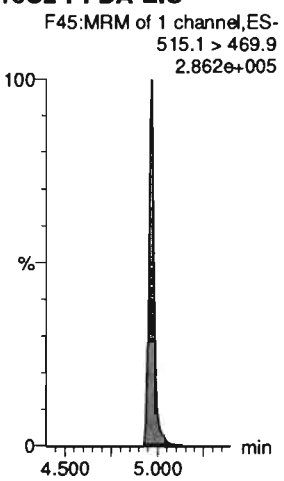
13C8-PFOS-EIS



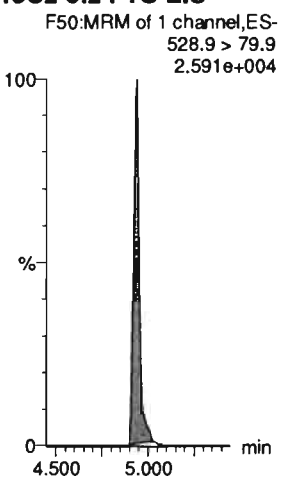
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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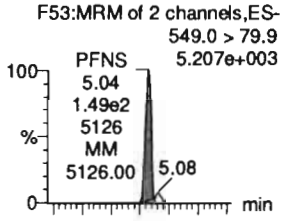
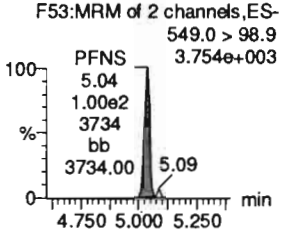
Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

PFNS





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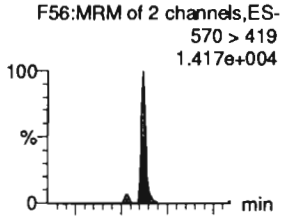
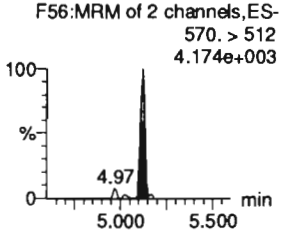
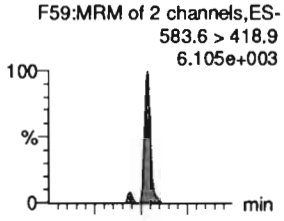
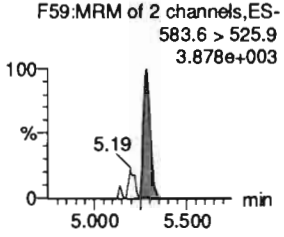


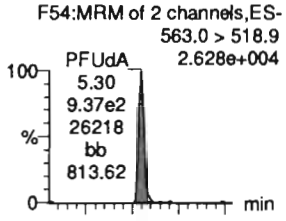


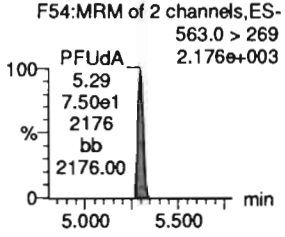
L-EtFOSAA



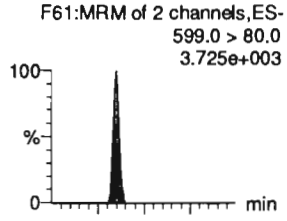


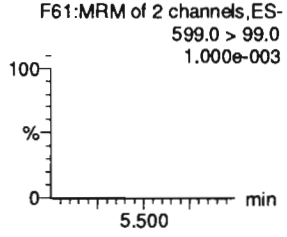
PFUdA



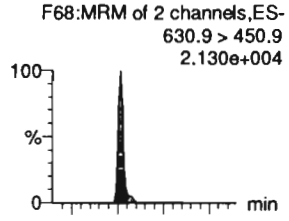


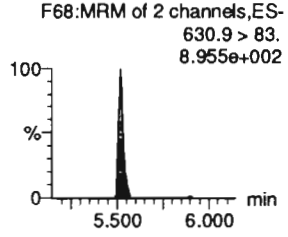
PFDS



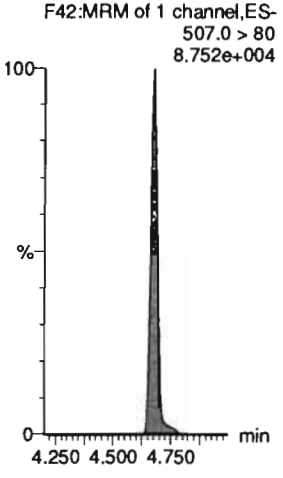


11Cl-PF30UdS

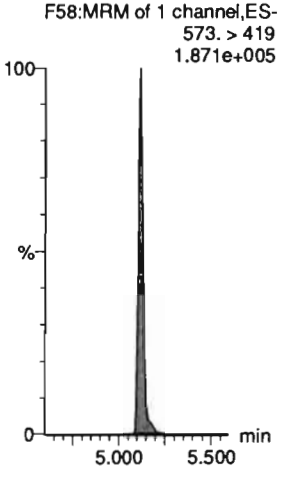




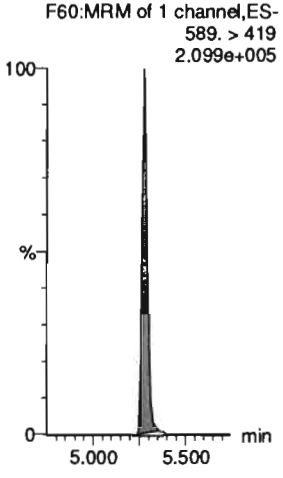
13C8-PFOS-EIS



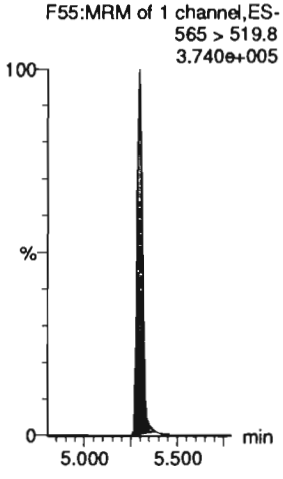
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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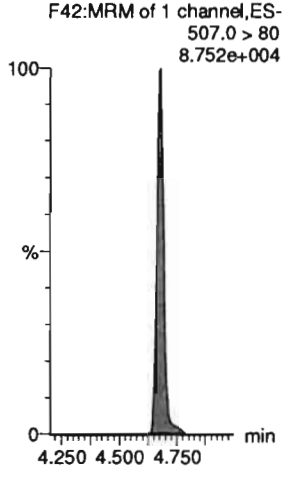

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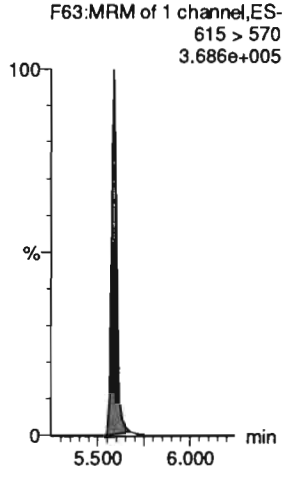

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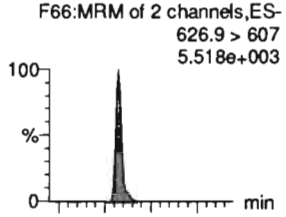
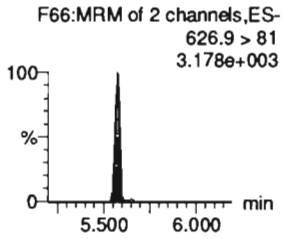
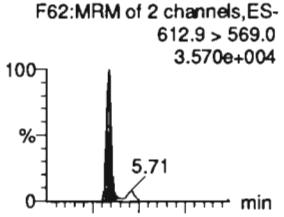
Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

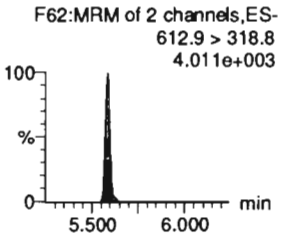
10:2 FTS



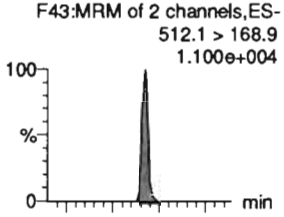


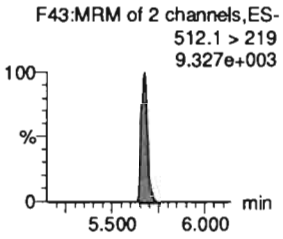
PFDoA



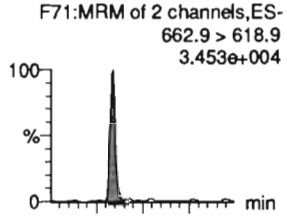


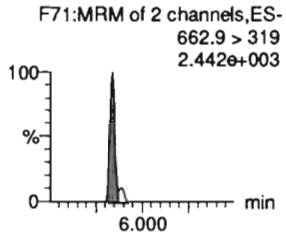
N-MeFOSA



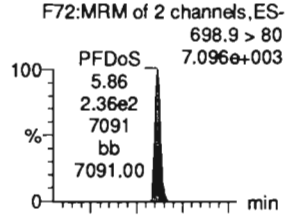


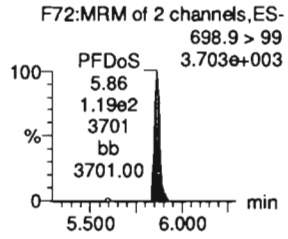
PFTrDA



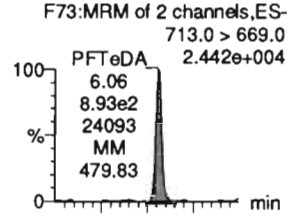


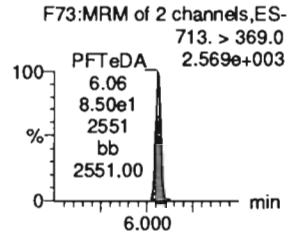
PFDoS



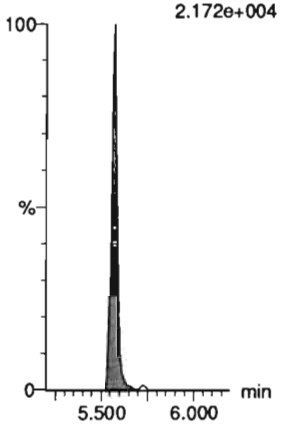


PFTeDA

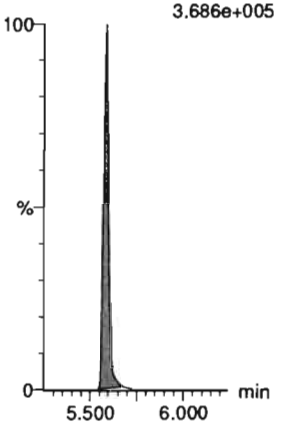




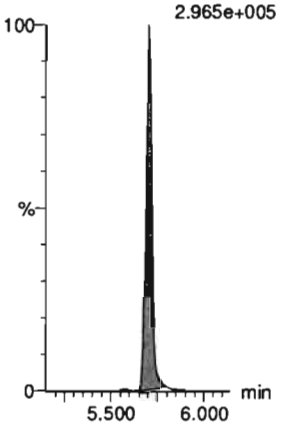
13C2-10:2 FTS-EIS



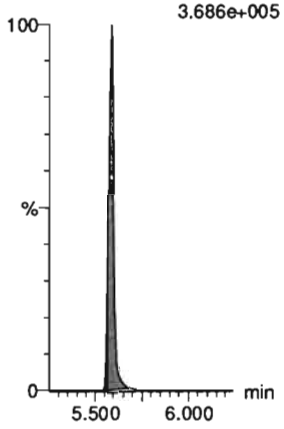
13C2-PFDoA-EIS



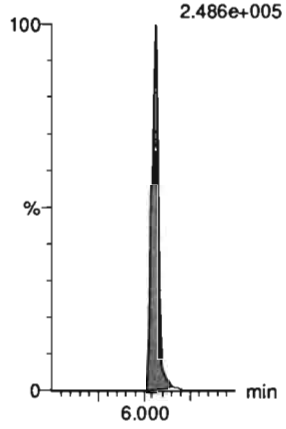
d3-N-MeFOSA-EIS



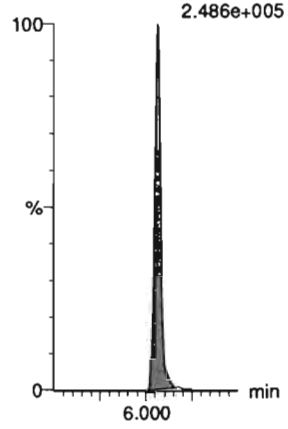
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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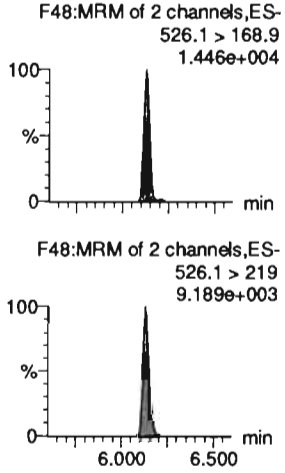
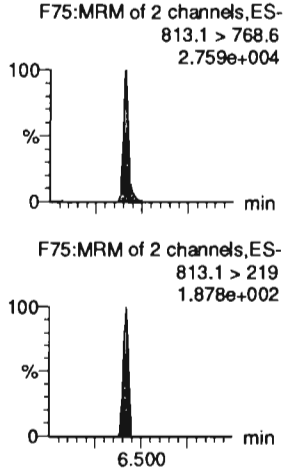
Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

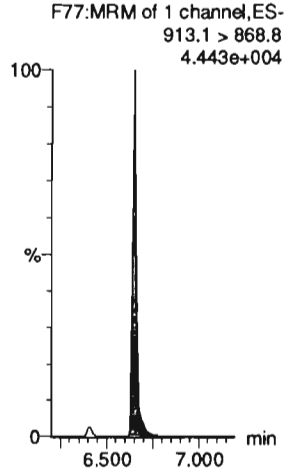
N-EtFOSA



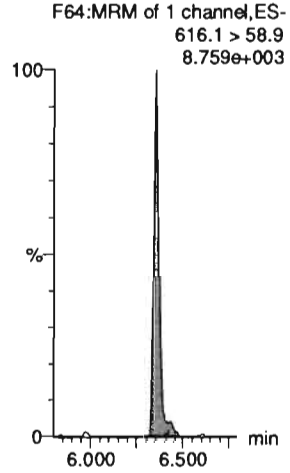
PFHxDA



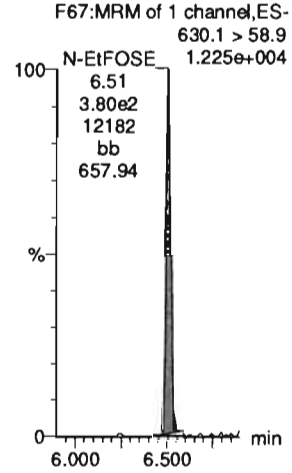
PFODA



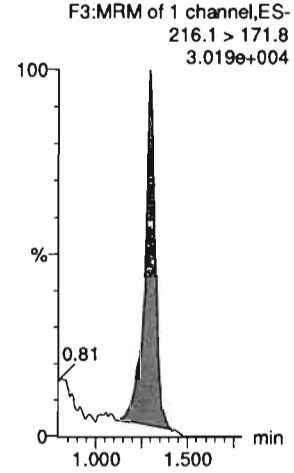
N-MeFOSE



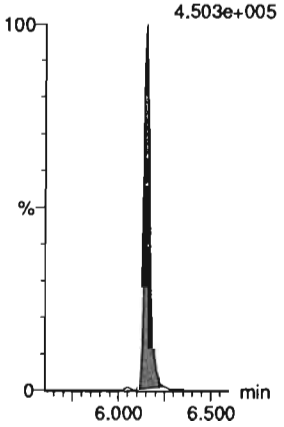
N-EtFOSE



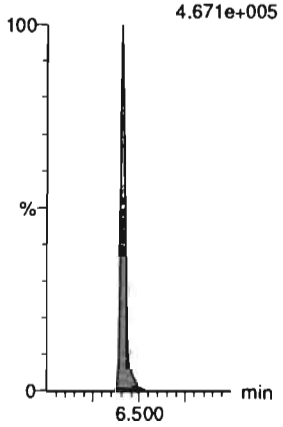
13C3-PFBA-RSD



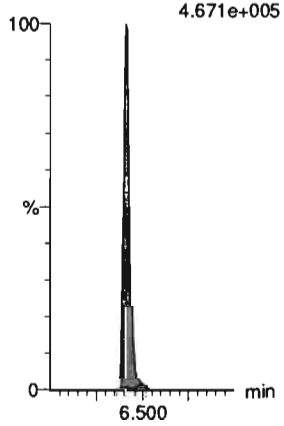
d5-N-ETFOSA-EIS



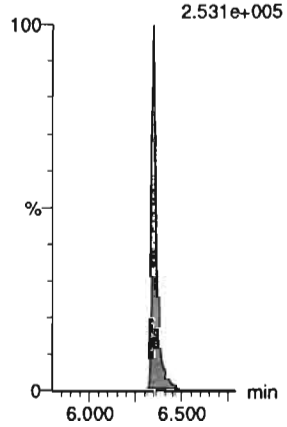
13C2-PFHxDA-EIS



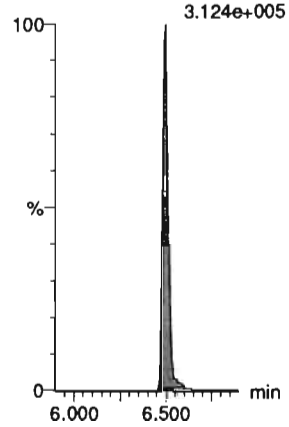
13C2-PFHxDA-EIS



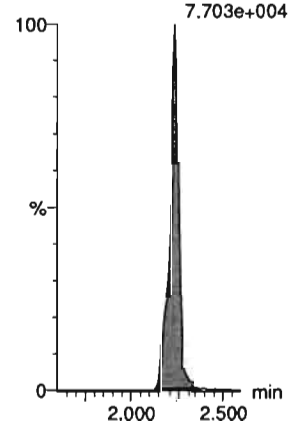
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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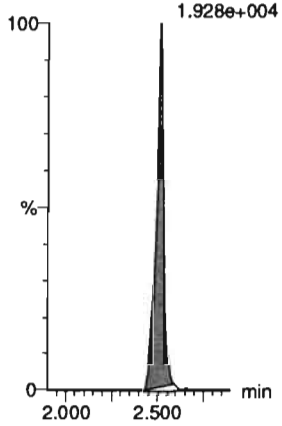
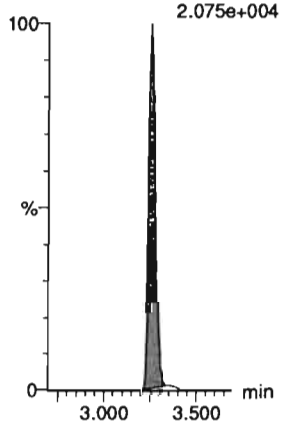
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

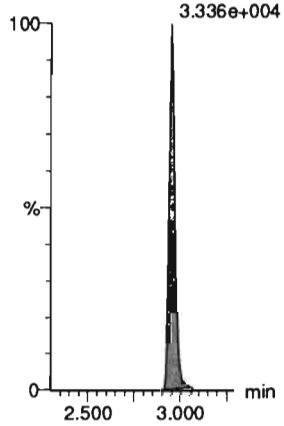
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.928e+004



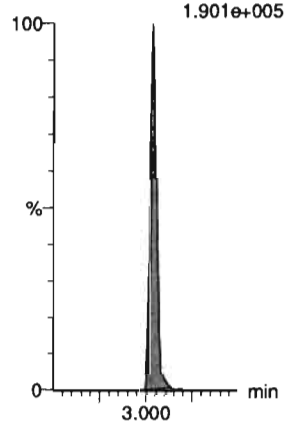
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.075e+004



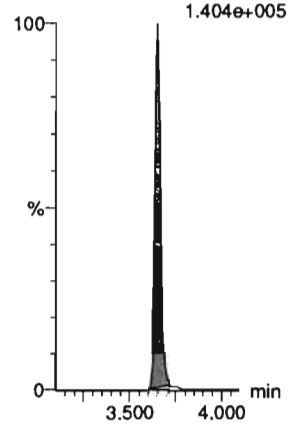
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.336e+004



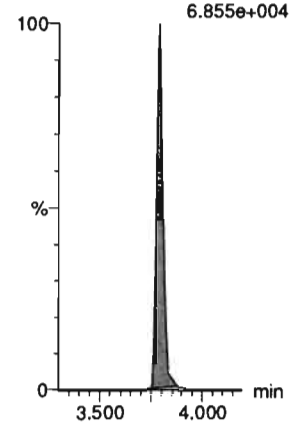
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
1.901e+005



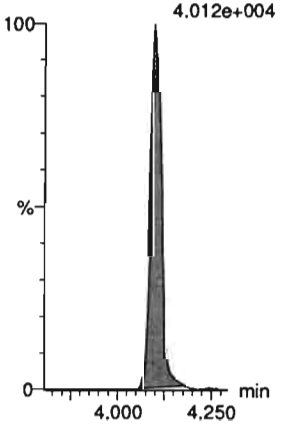
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.404e+005



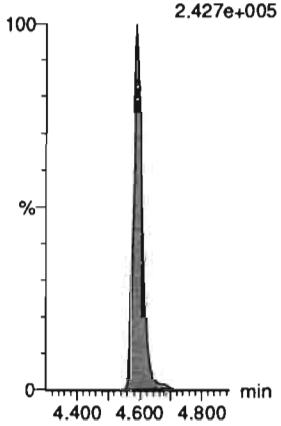
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
6.855e+004



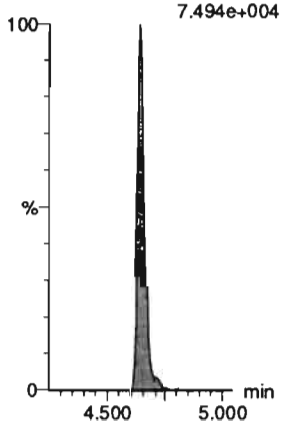
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.012e+004



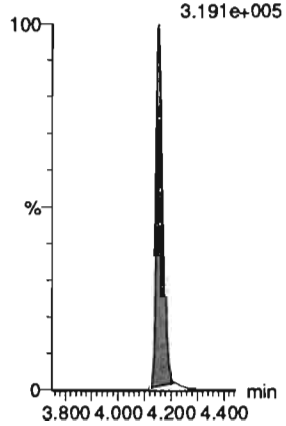
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.427e+005



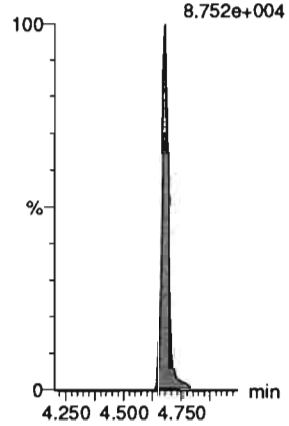
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
7.494e+004



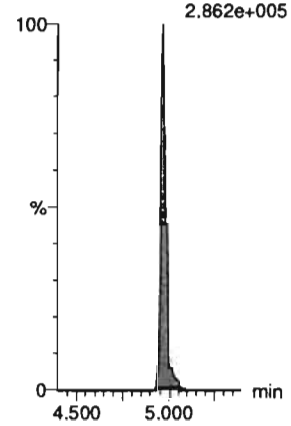
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.191e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
8.752e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.862e+005



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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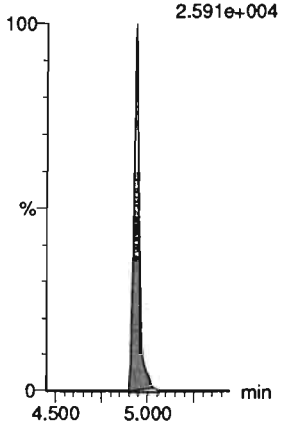
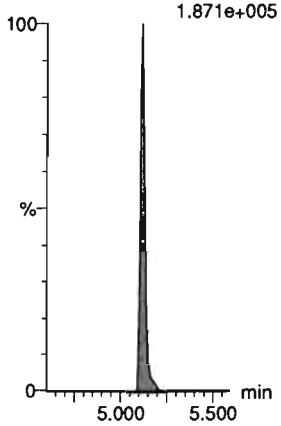
Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

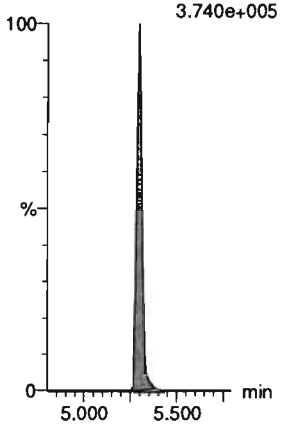
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
2.591e+004



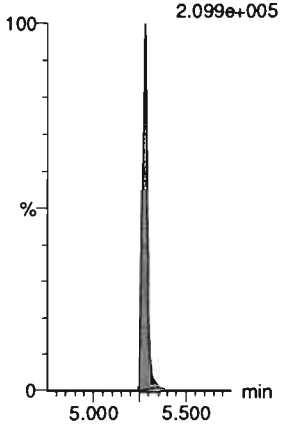
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
1.871e+005



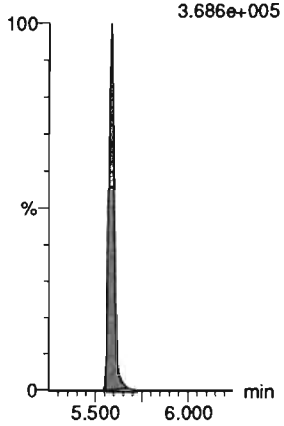
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.740e+005



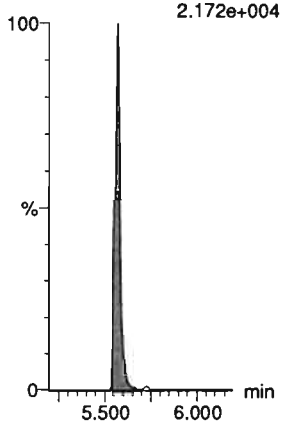
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.099e+005



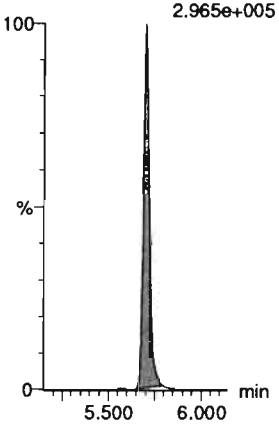
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.686e+005



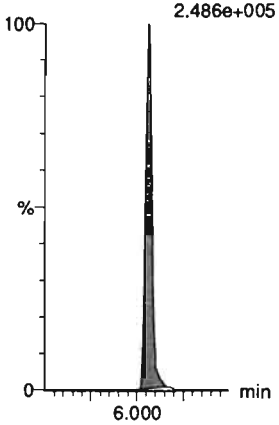
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.172e+004



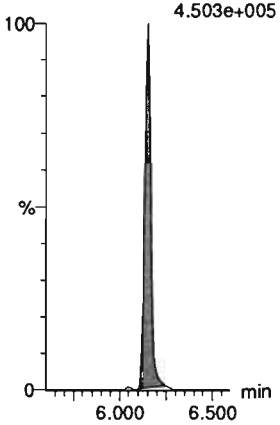
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.965e+005



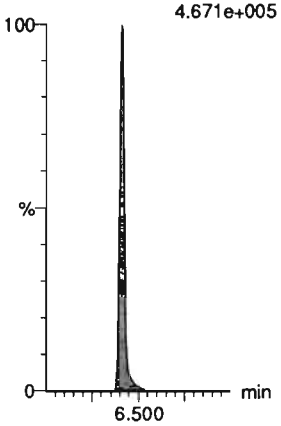
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.486e+005



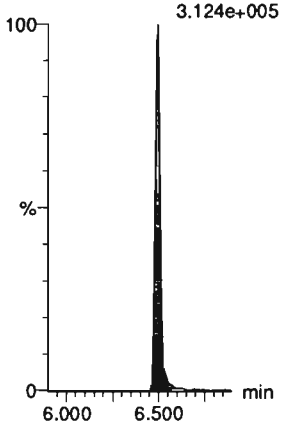
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.503e+005



13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
4.671e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.124e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
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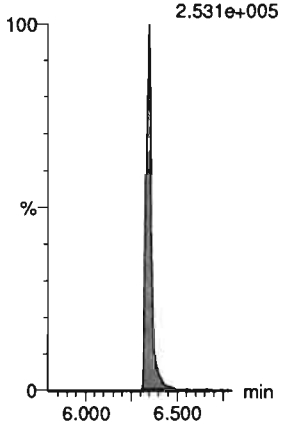
2.531e+005

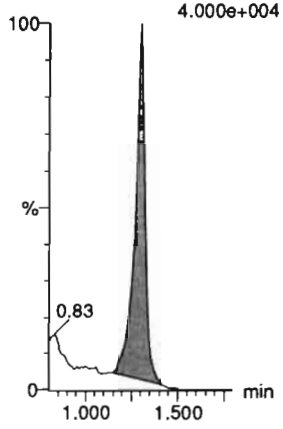


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

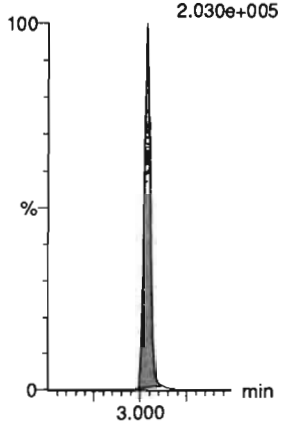
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_5, Date: 02-Jun-2020, Time: 16:58:16, ID: ST200602M2-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

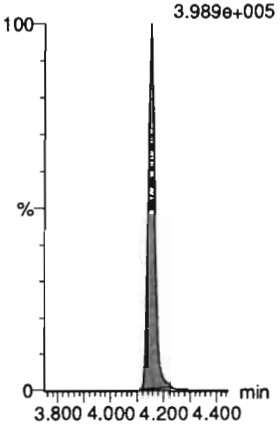
13C4-PFBA



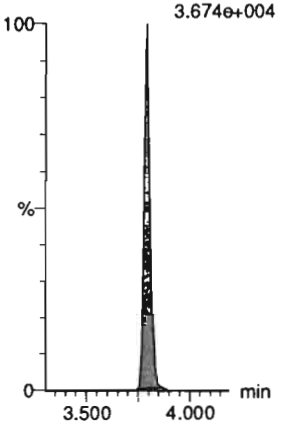
13C5-PFHxA



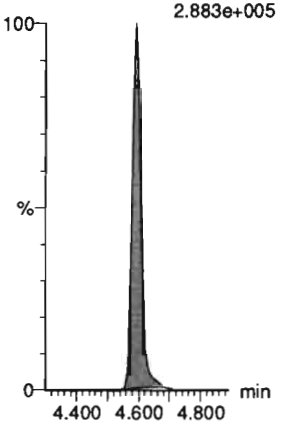
13C8-PFOA



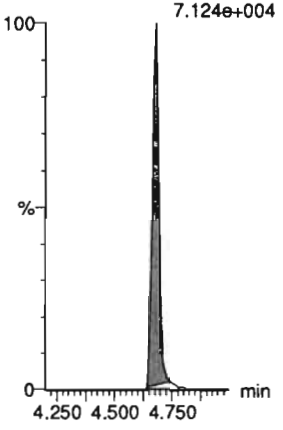
18O2-PFHxS



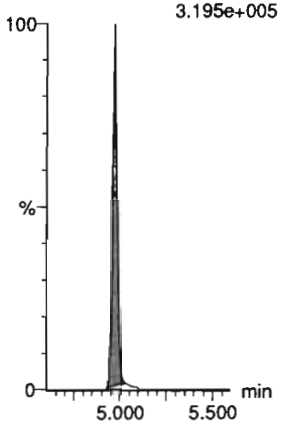
13C9-PFNA



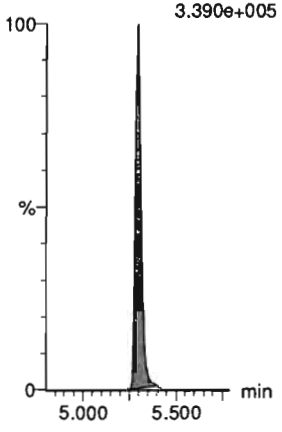
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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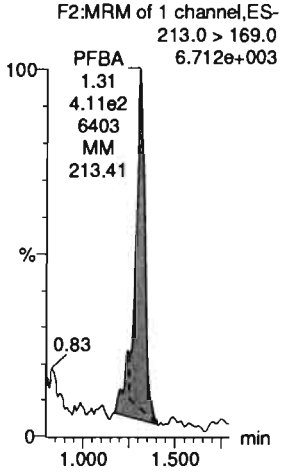
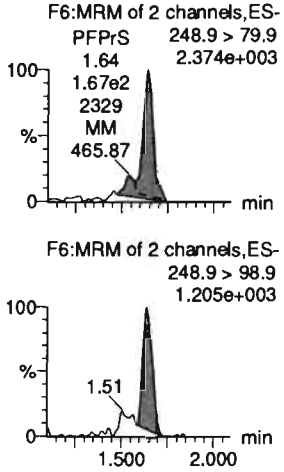
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

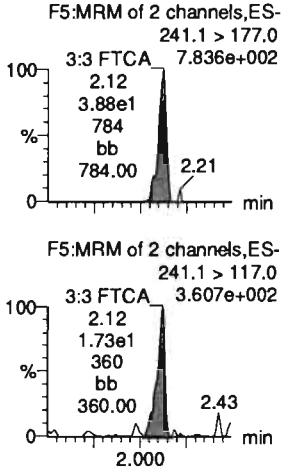
PFBA



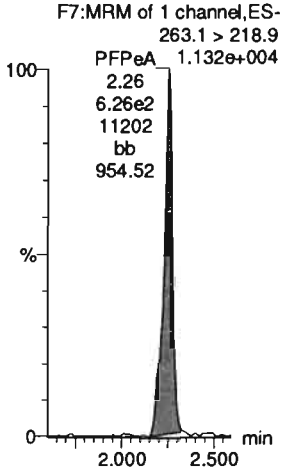
PFPrS



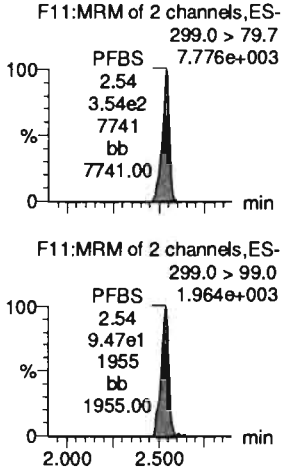
3:3 FTCA



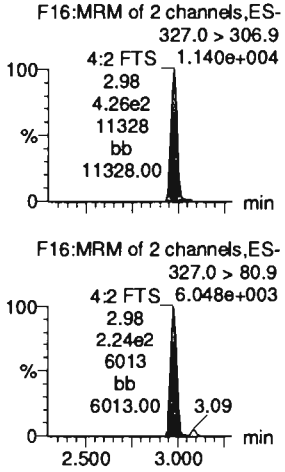
PFPeA



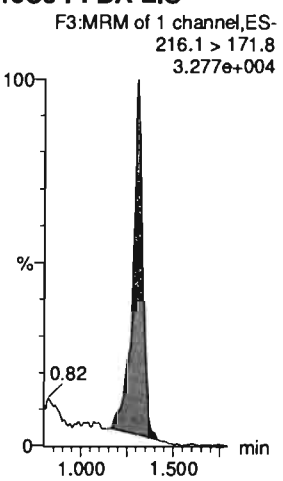
PFBS



4:2 FTS



13C3-PFBA-EIS



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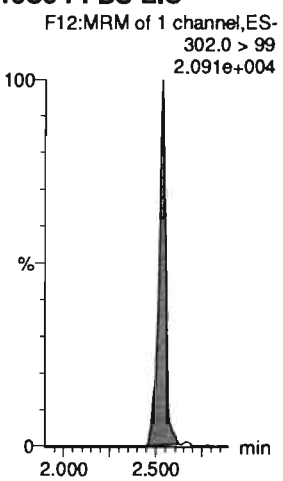
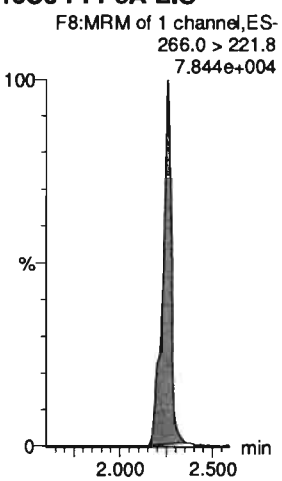
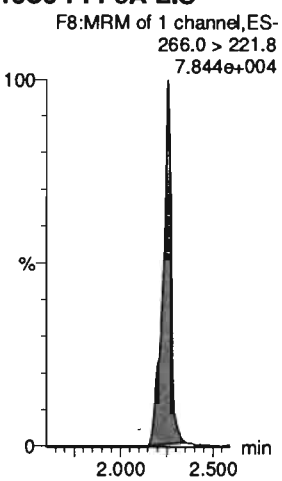


13C3-PFPeA-EIS



13C3-PFPeA-EIS



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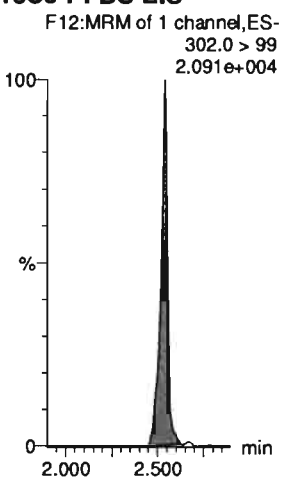
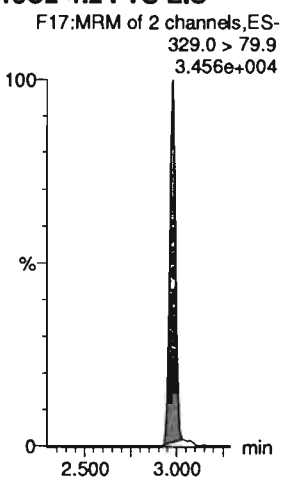


13C2-4:2 FTS-EIS



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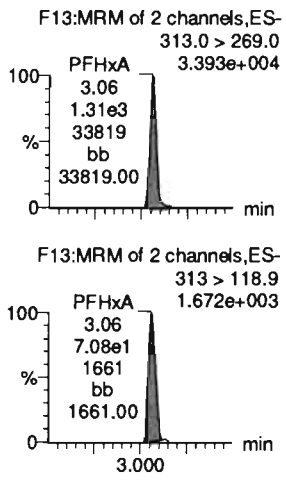
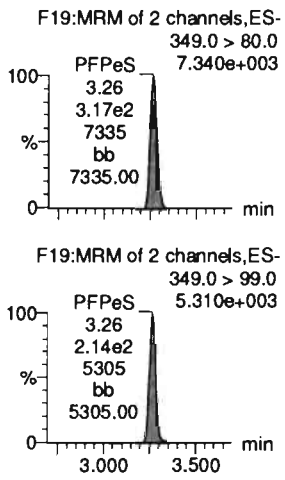
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

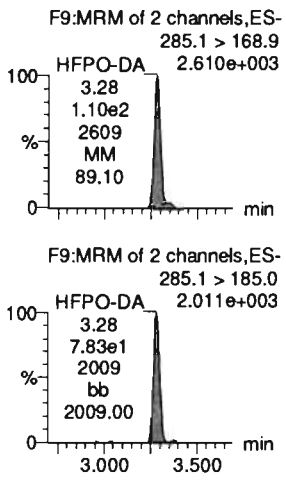
PFHxA



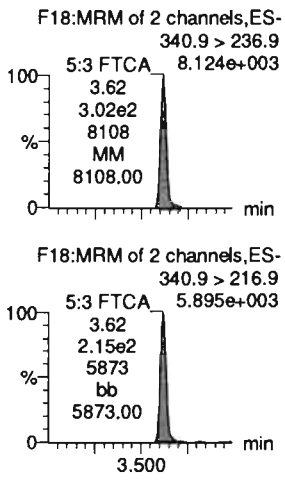
PFPeS



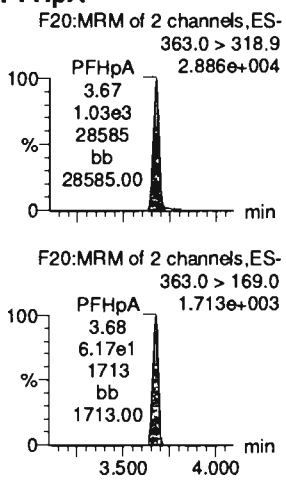
HFPO-DA



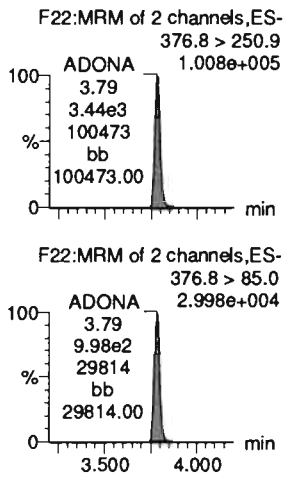
5:3 FTCA



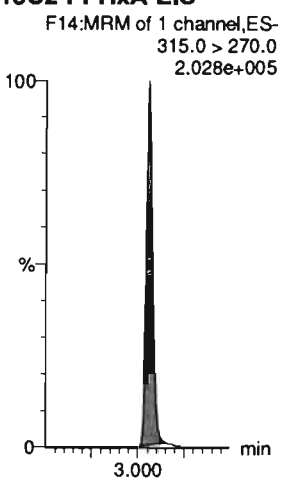
PFHpA



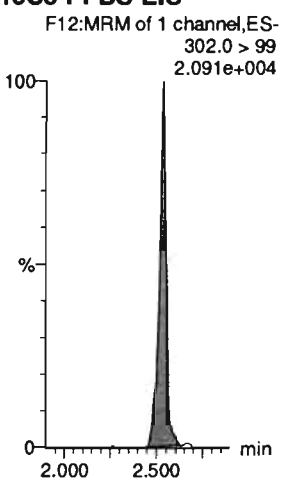
ADONA



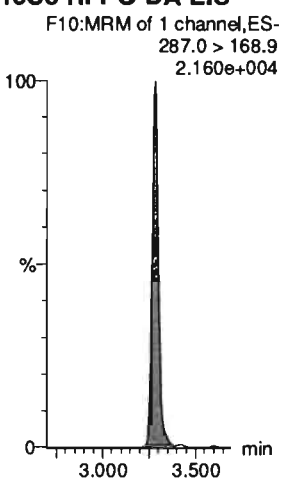
13C2-PFHxA-EIS



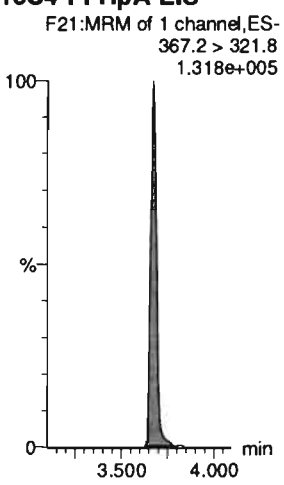
13C3-PFBS-EIS



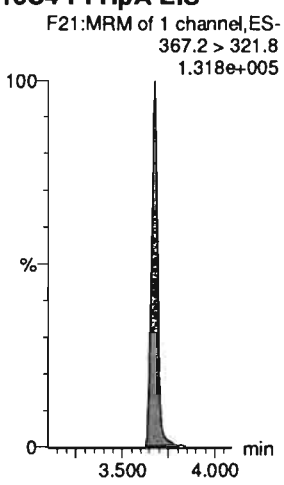
13C3-HFPO-DA-EIS



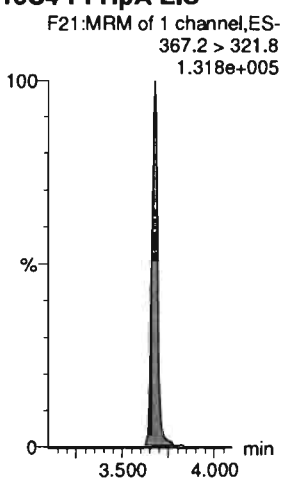
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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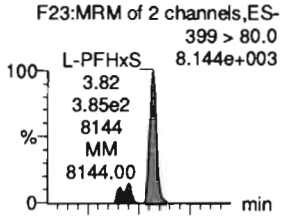
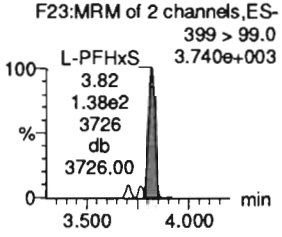
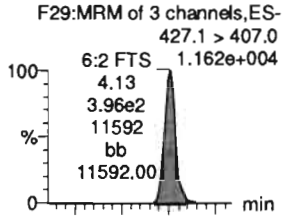
Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

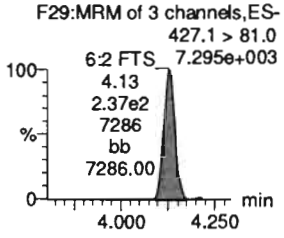
L-PFHxS



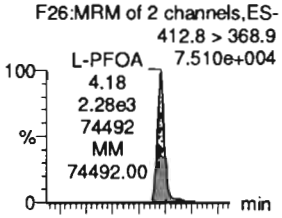


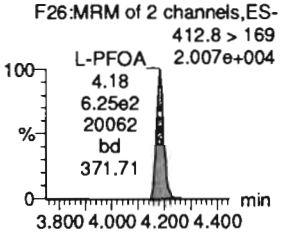
6:2 FTS



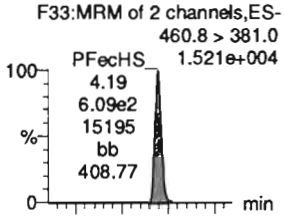


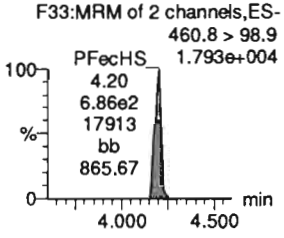
L-PFOA



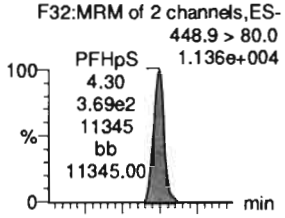


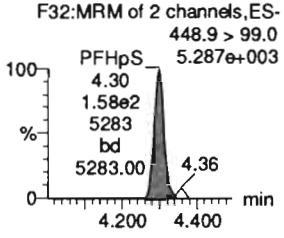
PFEChS



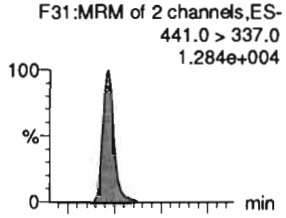


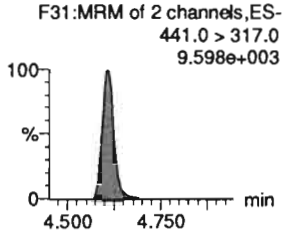
PFHpS



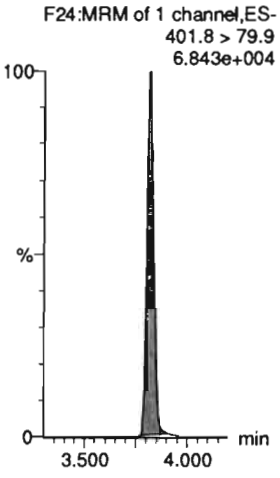


7:3 FTCA

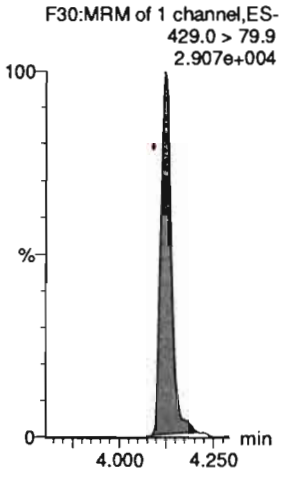




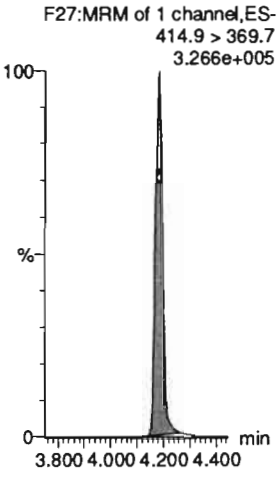
13C3-PFHxS-EIS



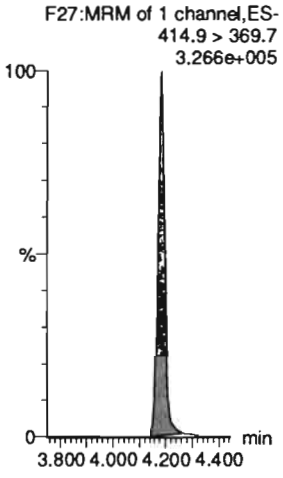
13C2-6:2 FTS-EIS



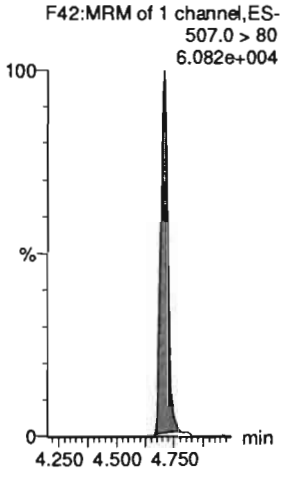
13C2-PFOA-EIS



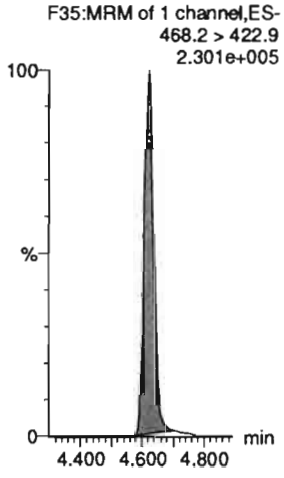
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

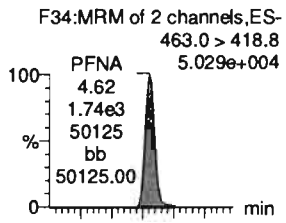


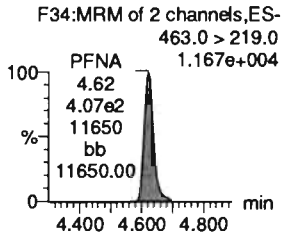
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

PFNA





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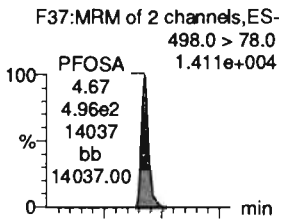
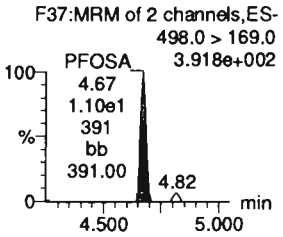
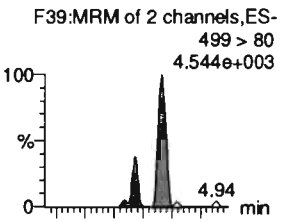
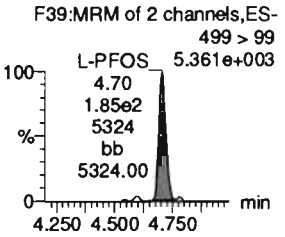


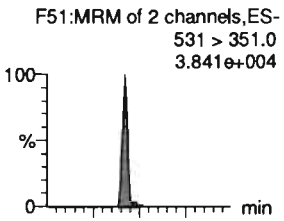


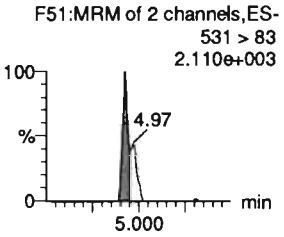
L-PFOS





9Cl-PF30NS





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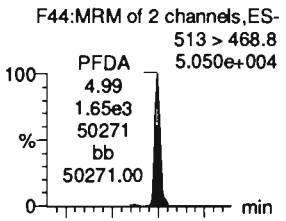
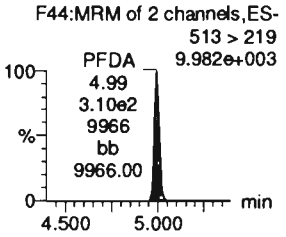
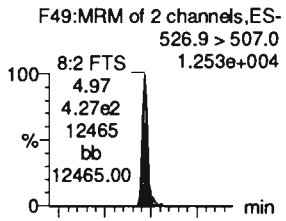
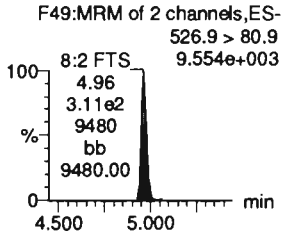


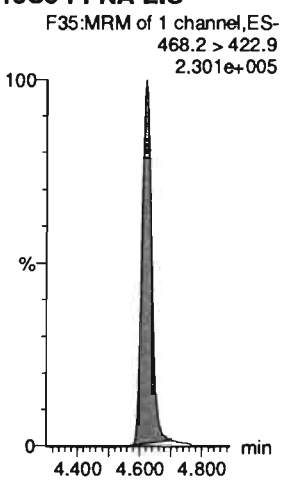


8:2 FTS

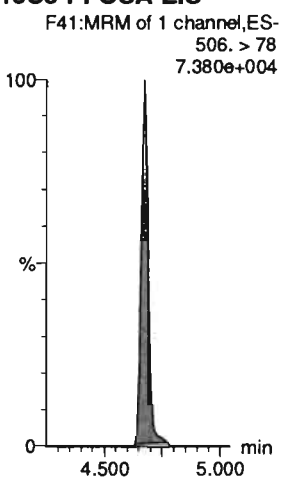




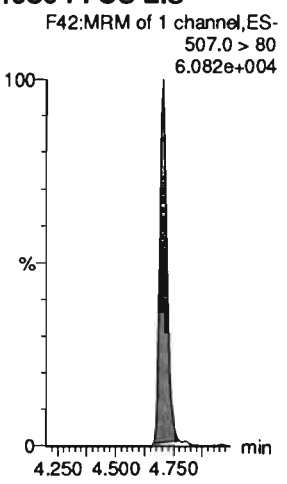
13C5-PFNA-EIS



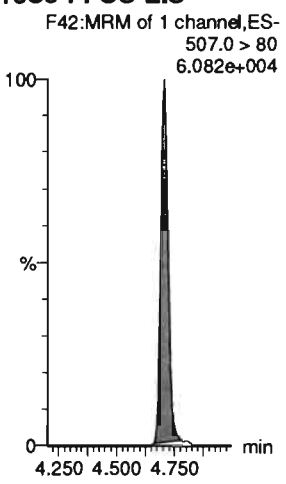
13C8-PFOSA-EIS



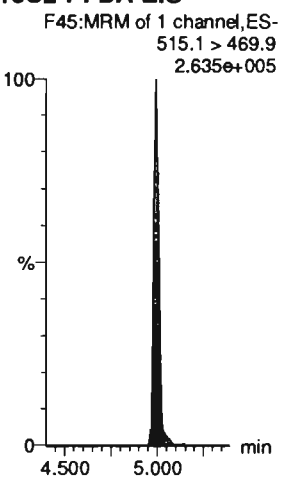
13C8-PFOS-EIS



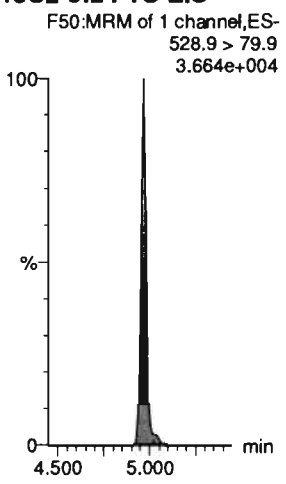
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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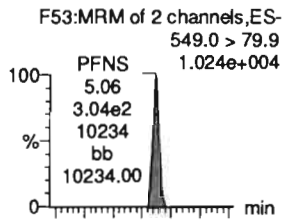
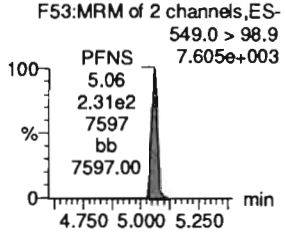
Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

PFNS





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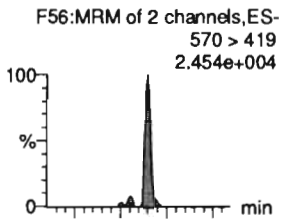

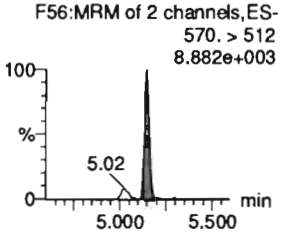

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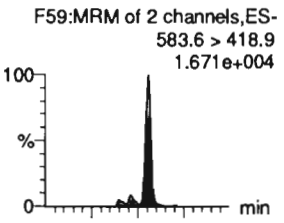

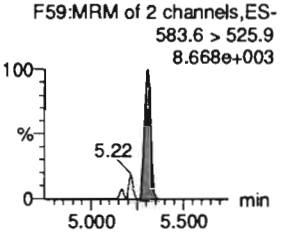

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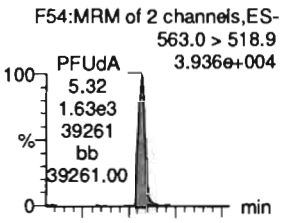

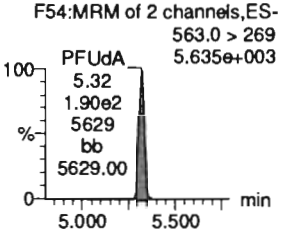

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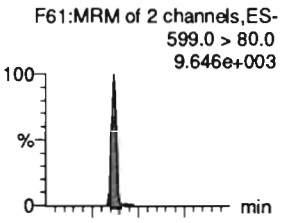

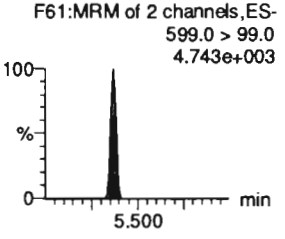

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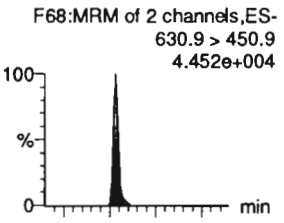
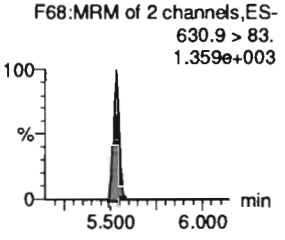
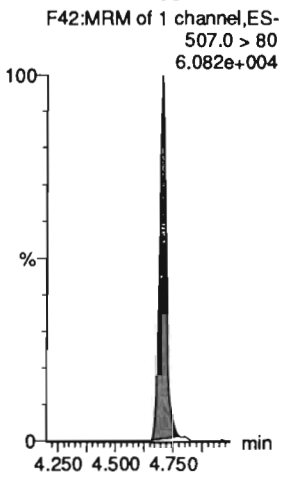
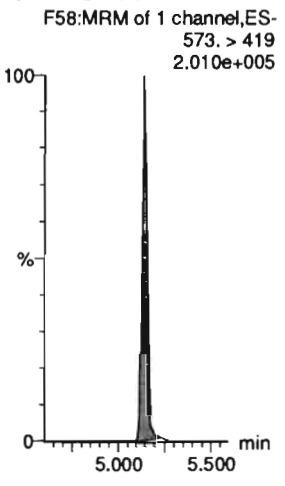




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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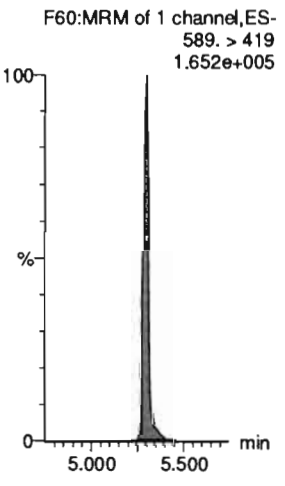
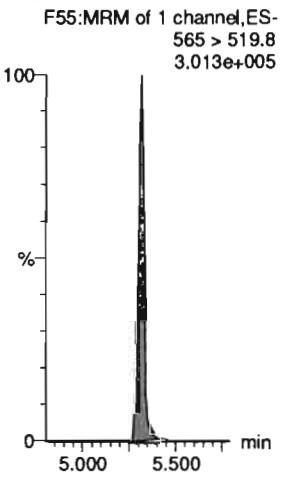
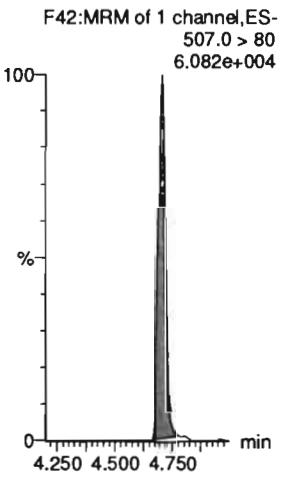


13C2-PFUdA-EIS



13C8-PFOS-EIS



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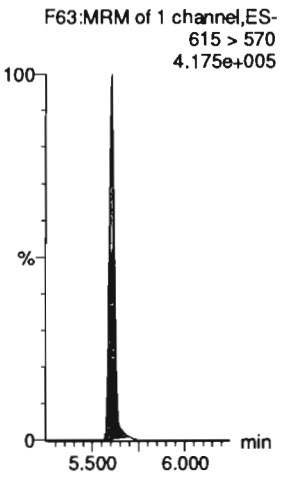

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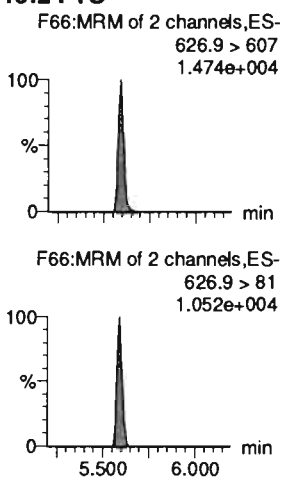
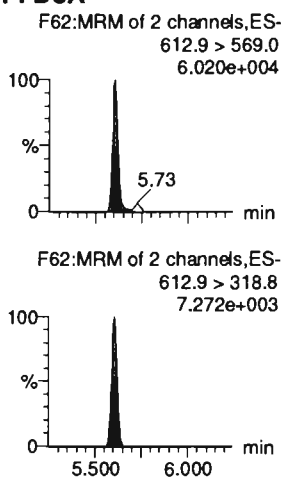
Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

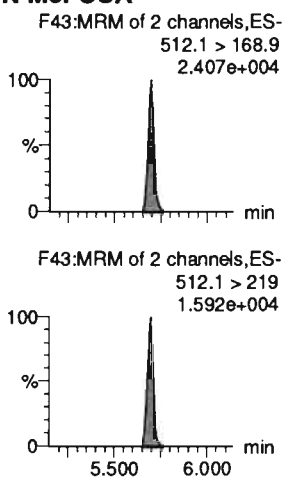
10:2 FTS



PFDoA



N-MeFOSA



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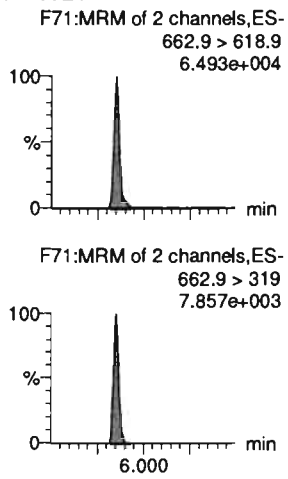

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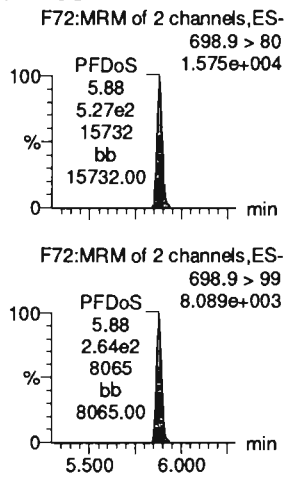
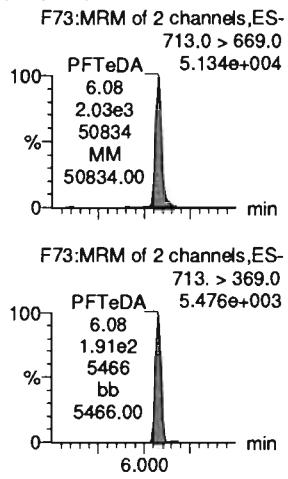
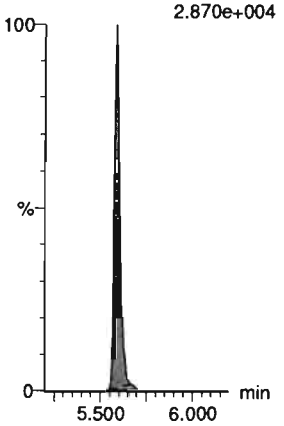


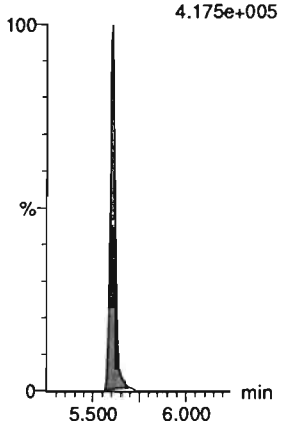
PFTeDA



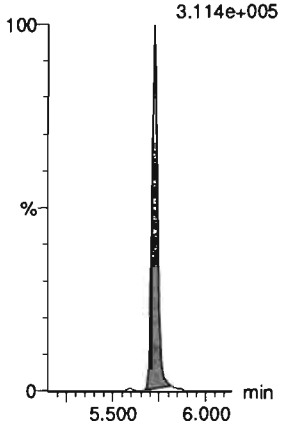
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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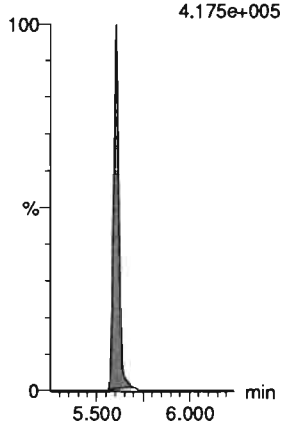

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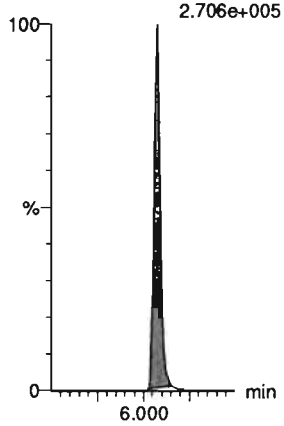

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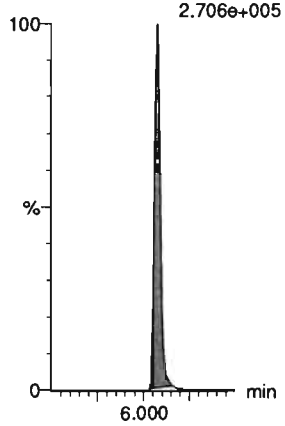

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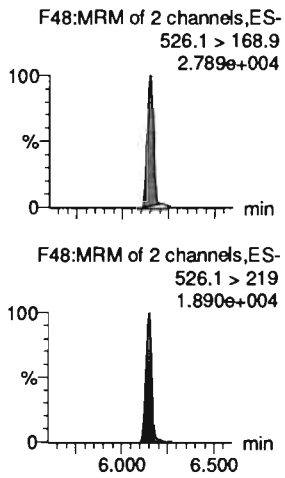
Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

N-EtFOSA



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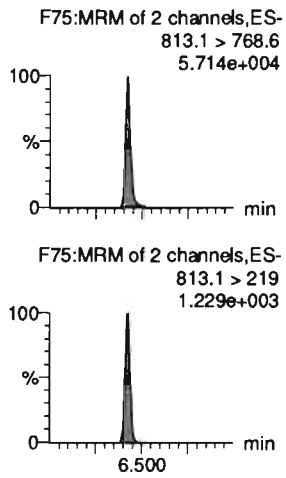

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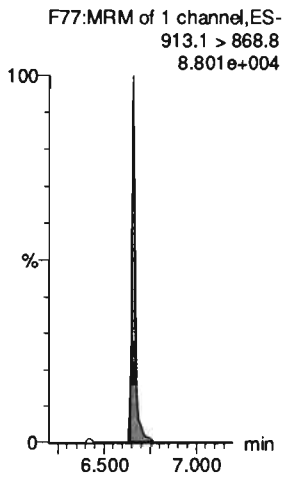

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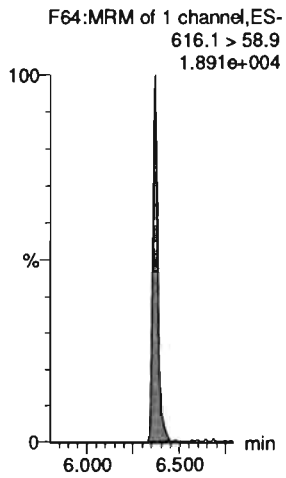
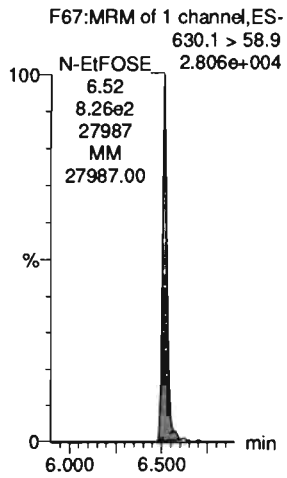
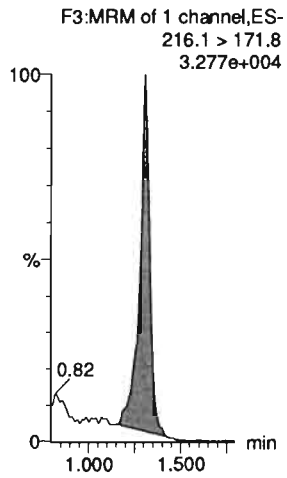


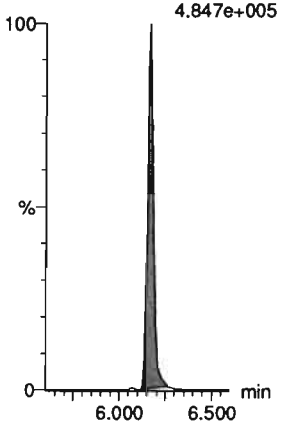
N-EtFOSE



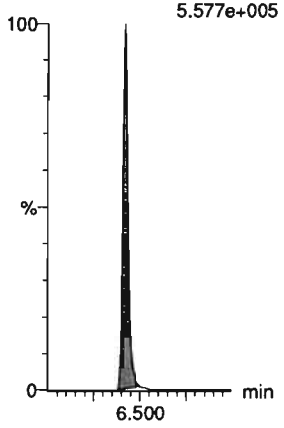
13C3-PFBA-RSD



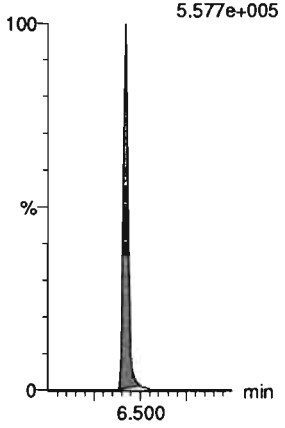
d5-N-ETFOSA-EIS



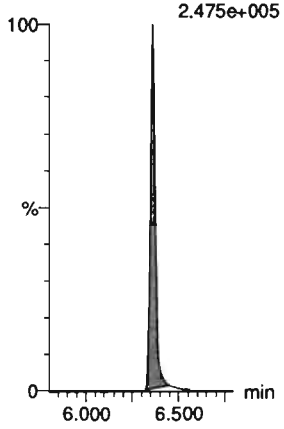
13C2-PFHxDA-EIS



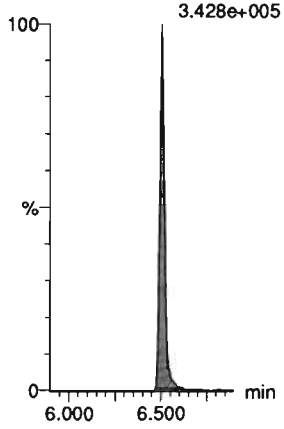
13C2-PFHxDA-EIS



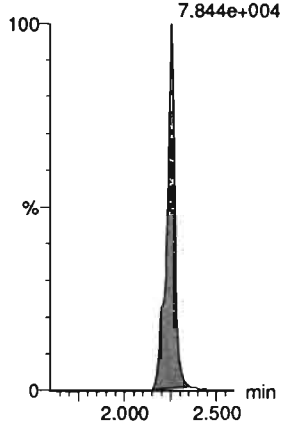
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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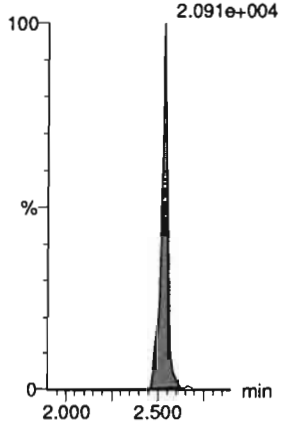
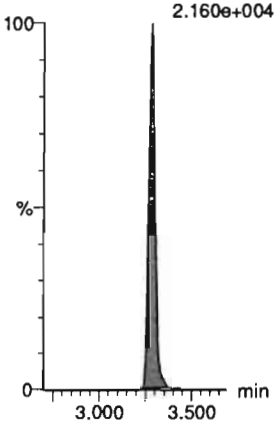
Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

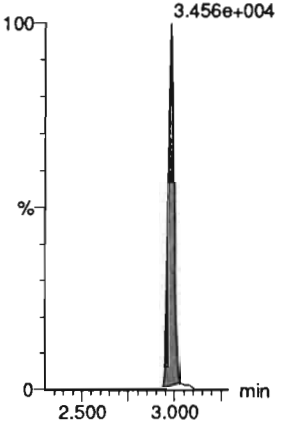
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.091e+004



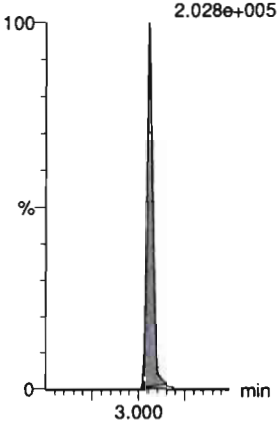
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.160e+004



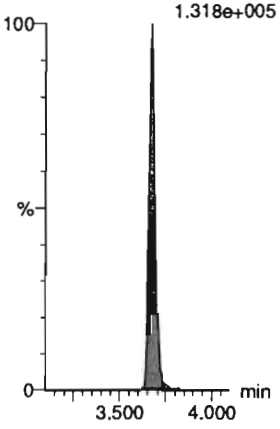
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.456e+004



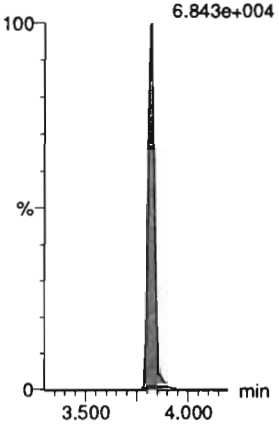
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.028e+005



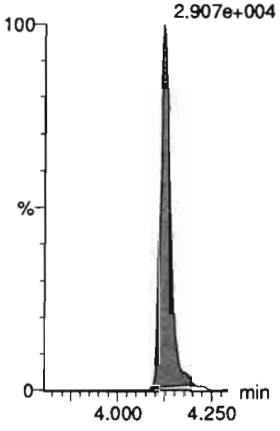
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.318e+005



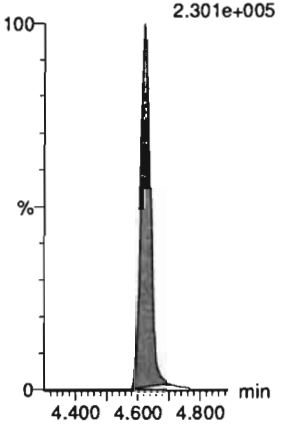
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
6.843e+004



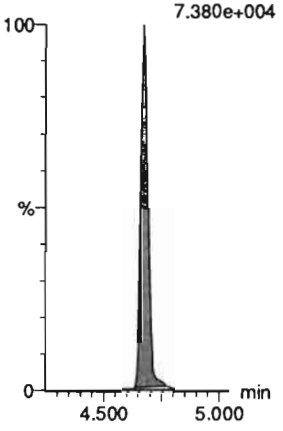
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
2.907e+004



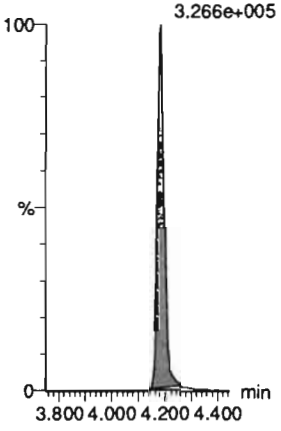
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.301e+005



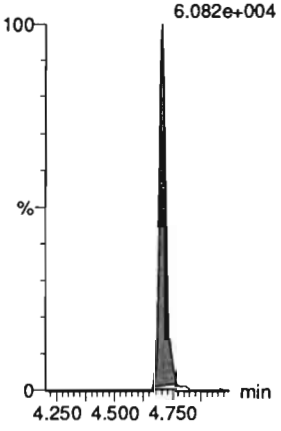
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
7.380e+004



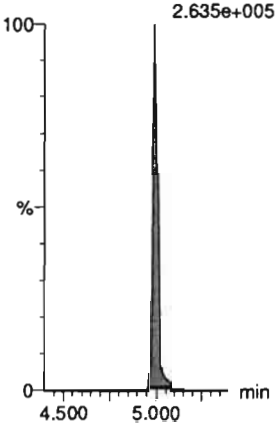
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.266e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
6.082e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.635e+005

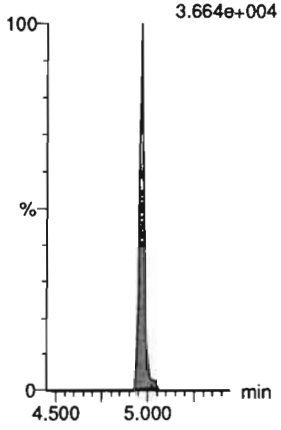


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

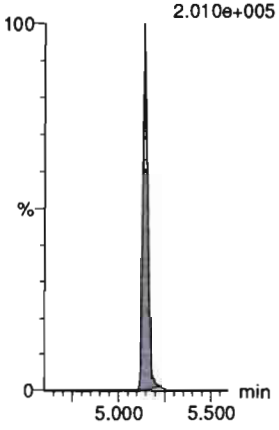
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

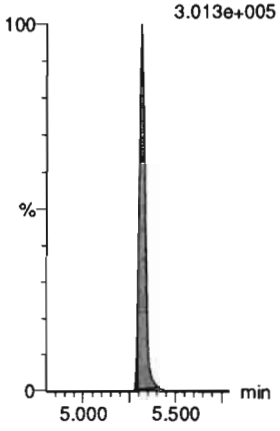
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.664e+004



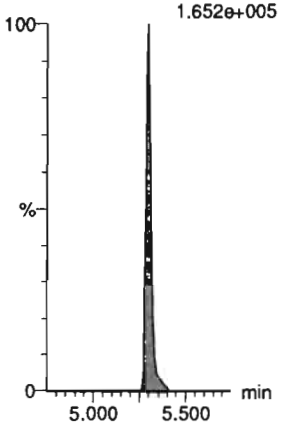
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.010e+005



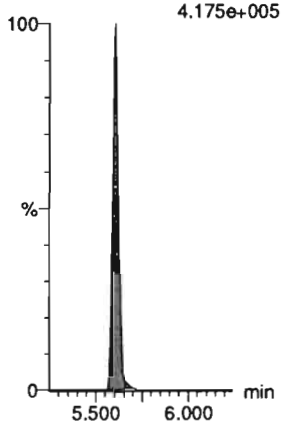
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.013e+005



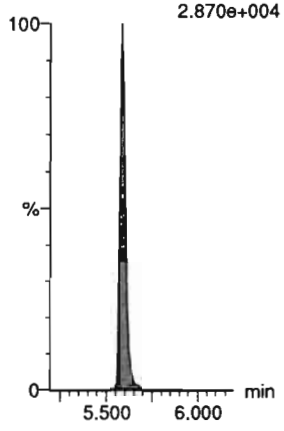
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.652e+005



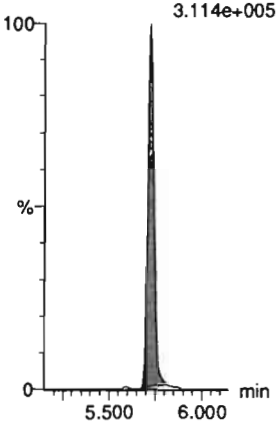
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.175e+005



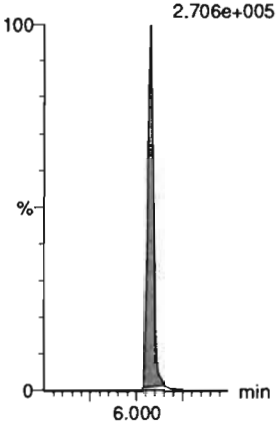
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.870e+004



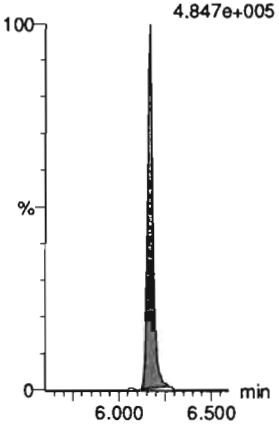
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.114e+005



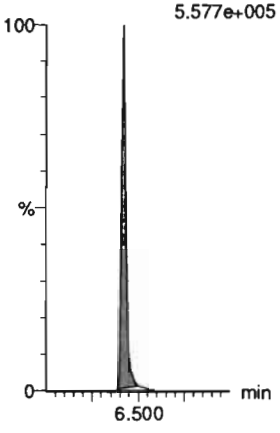
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.706e+005



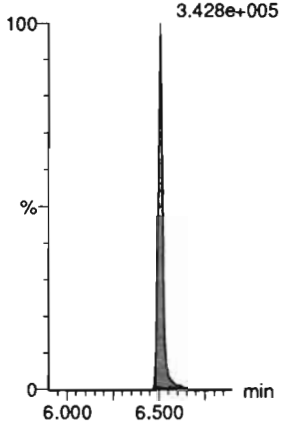
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.847e+005



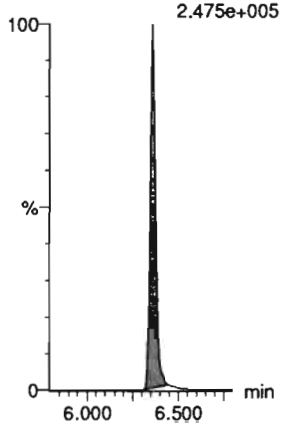
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.577e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.428e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.475e+005

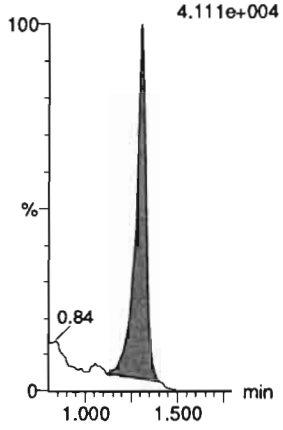


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

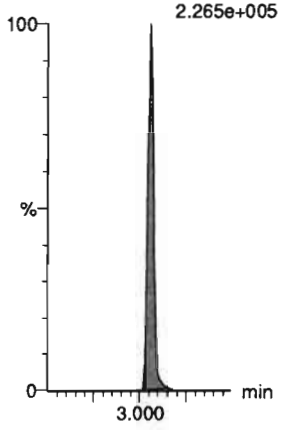
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_6, Date: 02-Jun-2020, Time: 17:08:41, ID: ST200602M2-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

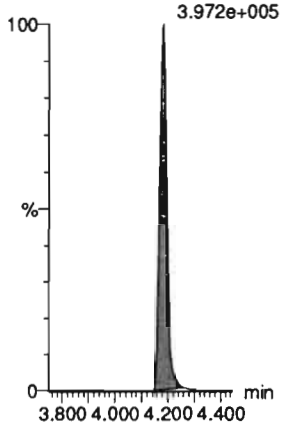
13C4-PFBA



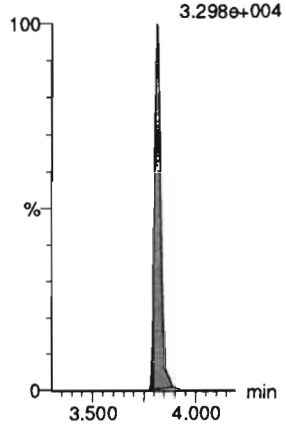
13C5-PFHxA



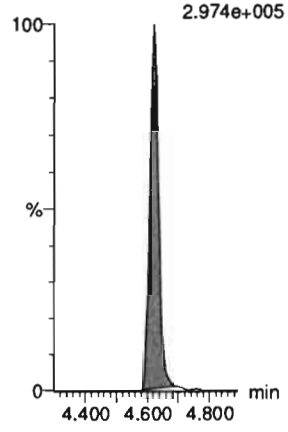
13C8-PFOA



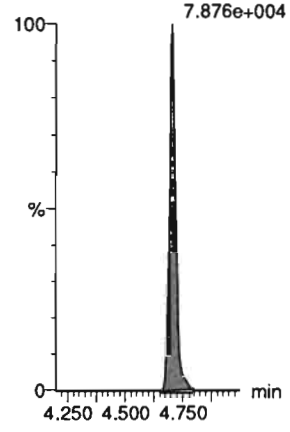
18O2-PFHxS



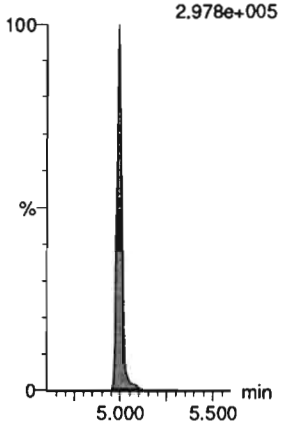
13C9-PFNA



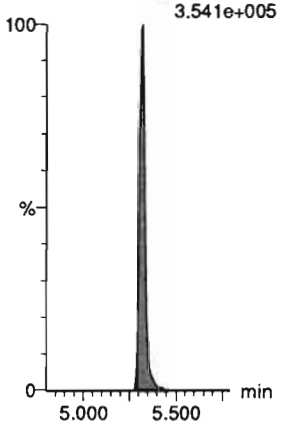
13C4-PFOS



13C6-PFDA



13C7-PFUdA

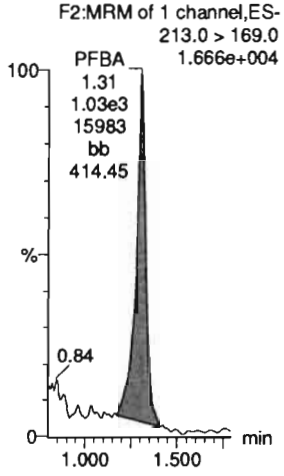


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

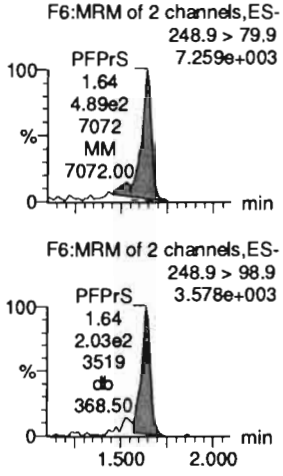
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

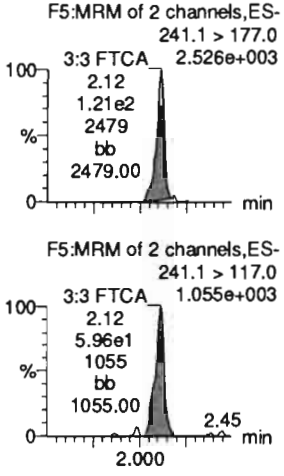
PFBA



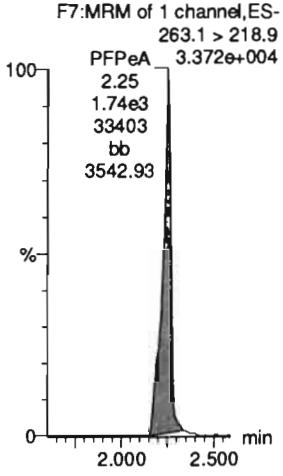
PFPrS



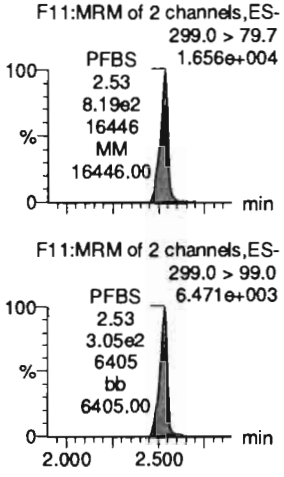
3:3 FTCA



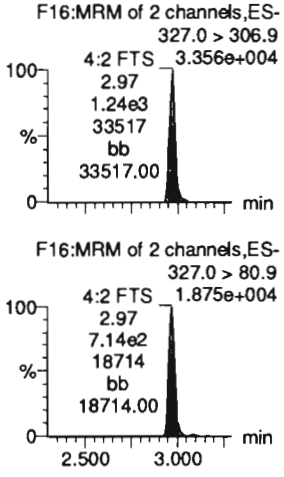
PFPeA



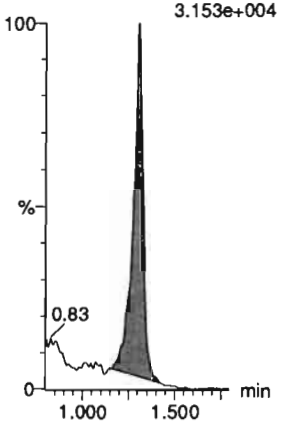
PFBS



4:2 FTS



13C3-PFBA-EIS



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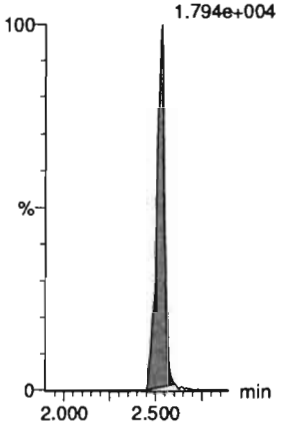

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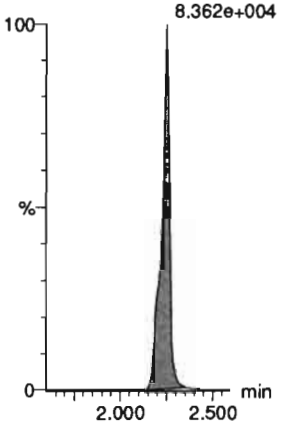

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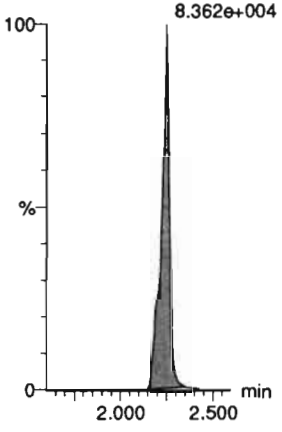

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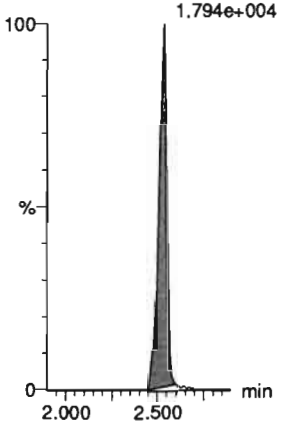
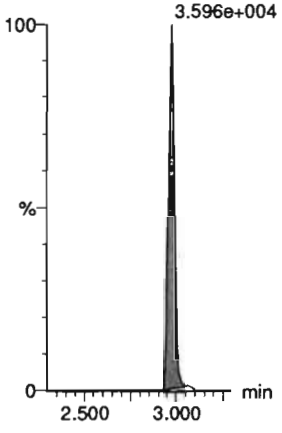


13C2-4:2 FTS-EIS



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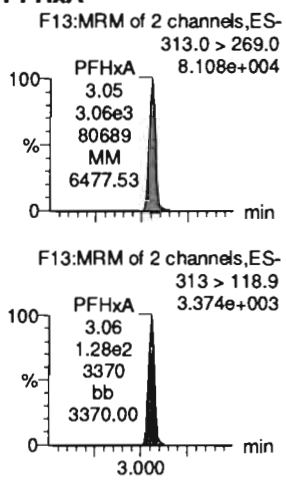
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

PFHxA



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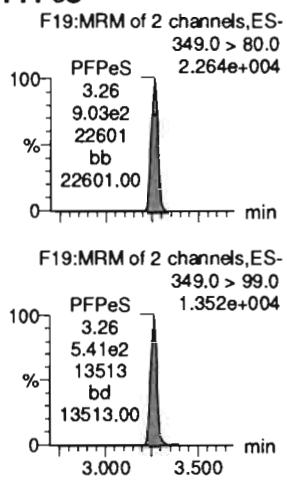
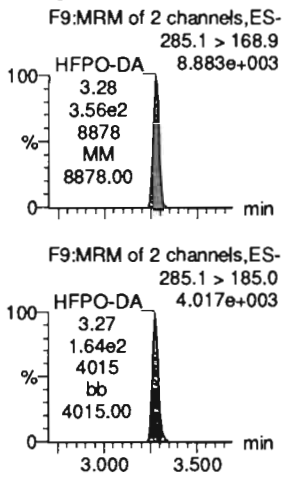
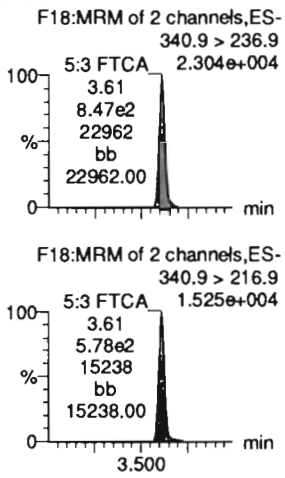


HFPO-DA



5:3 FTCA



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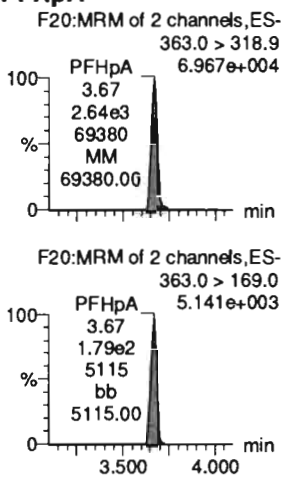
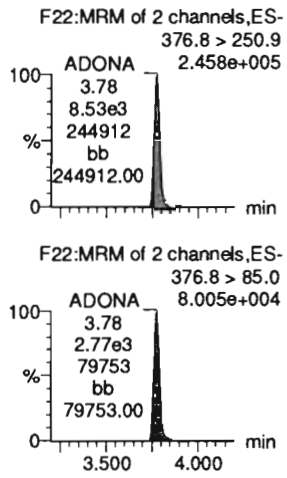
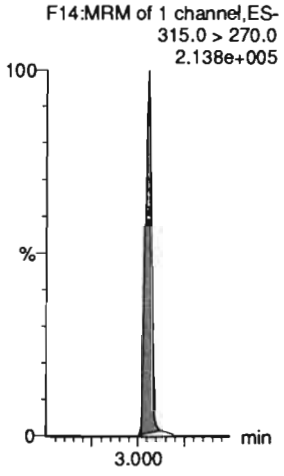


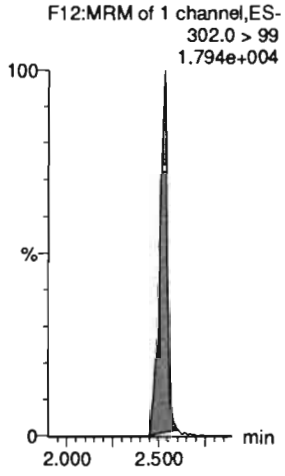
ADONA



13C2-PFHxA-EIS



13C3-PFBS-EIS



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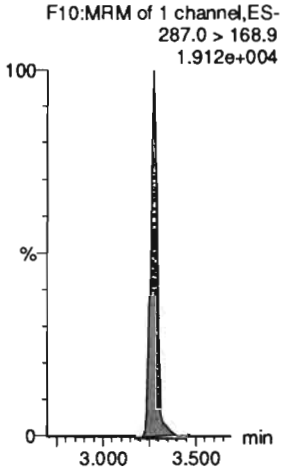
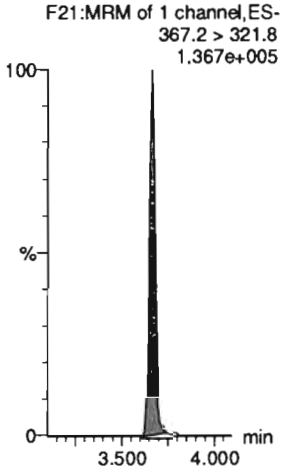


13C4-PFHpA-EIS



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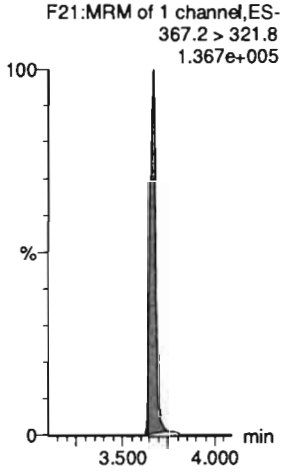

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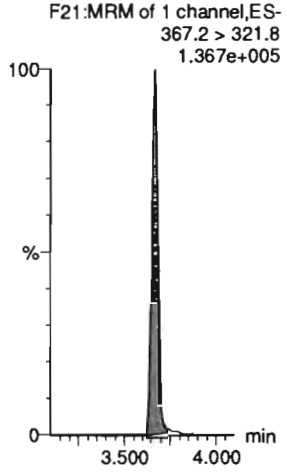

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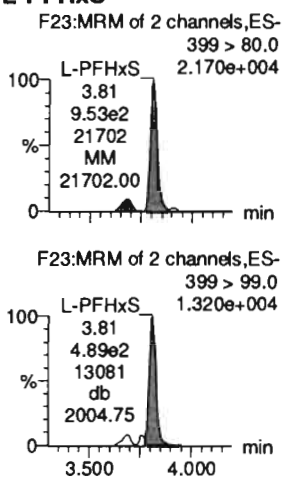
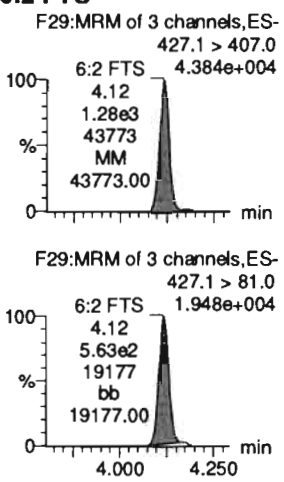
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

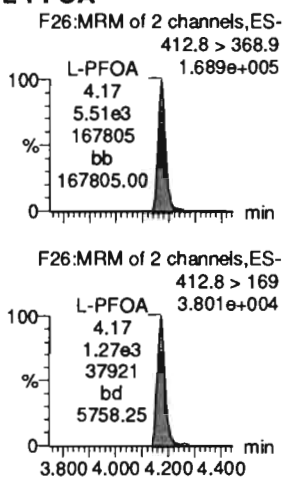
L-PFHxS



6:2 FTS



L-PFOA



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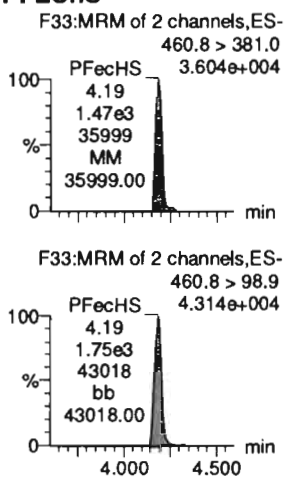

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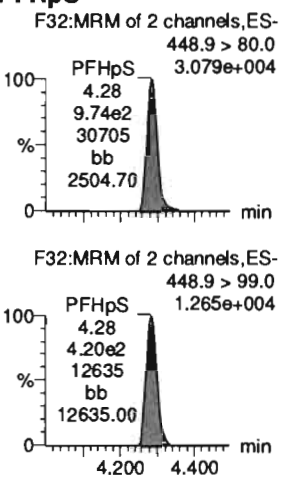
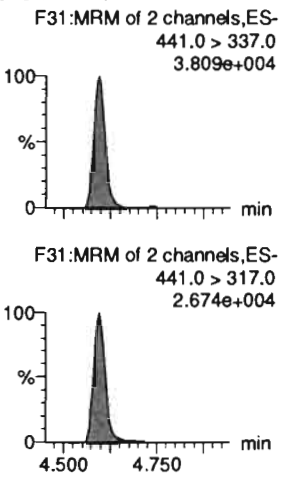
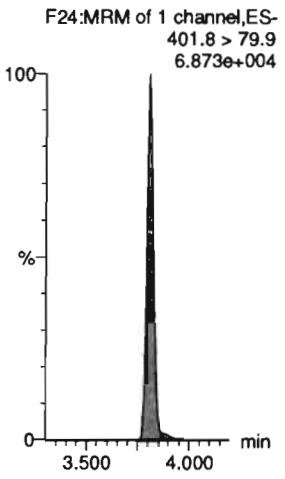


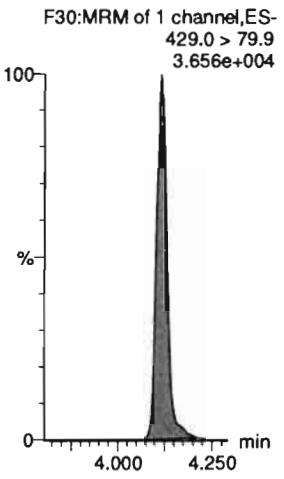
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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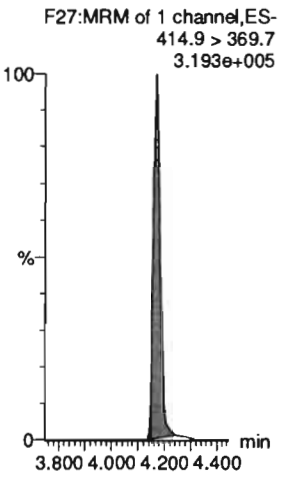
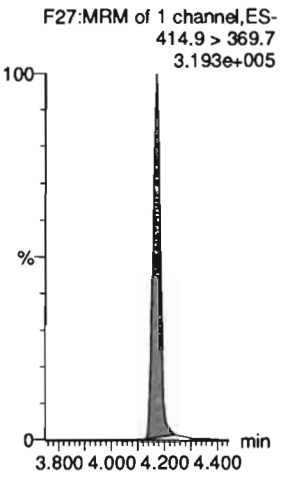
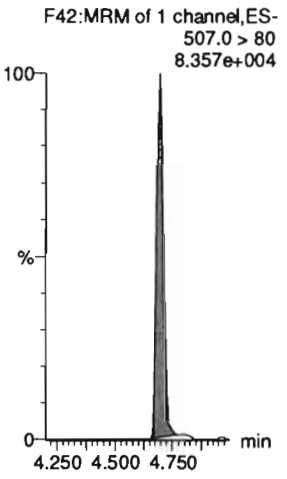


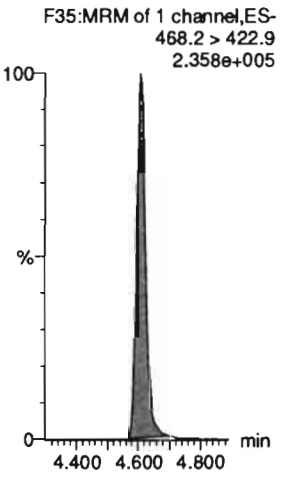
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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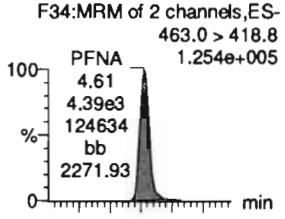
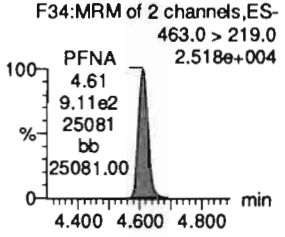
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

PFNA





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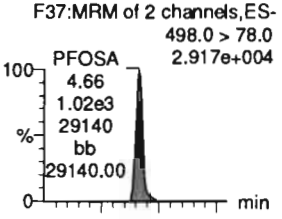
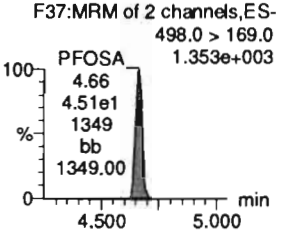
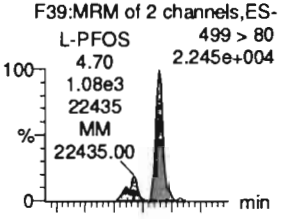
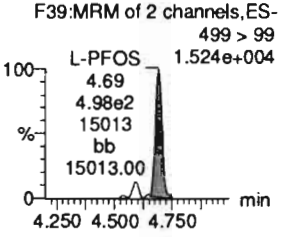


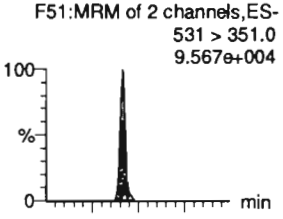


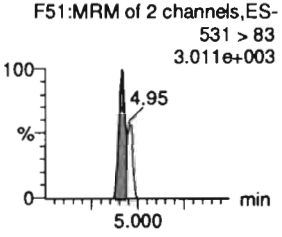
L-PFOS



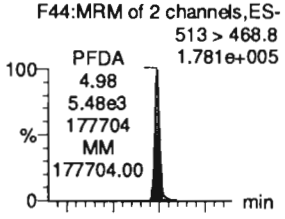


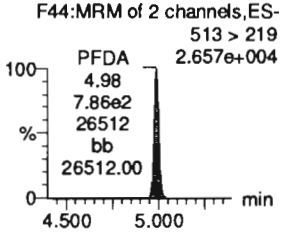
9Cl-PF30NS



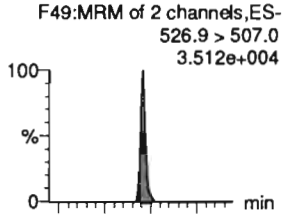


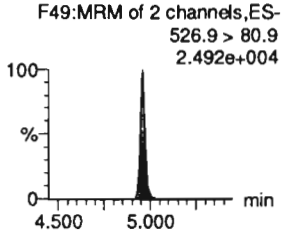
PFDA





8:2 FTS





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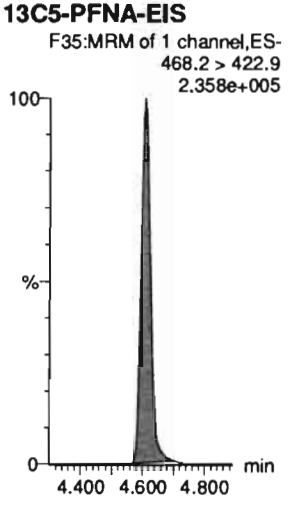
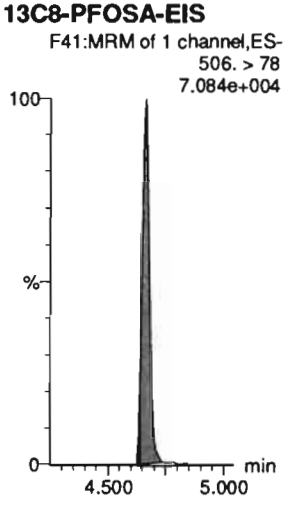


13C8-PFOSA-EIS



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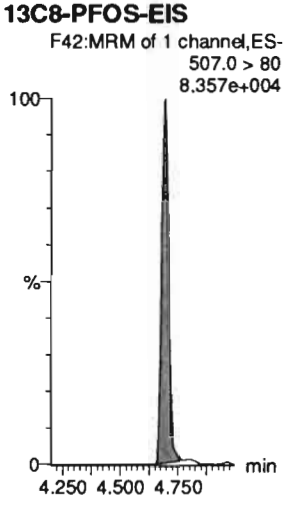

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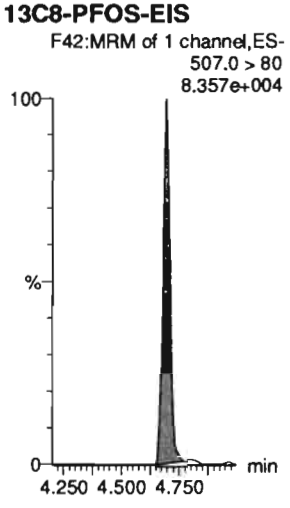
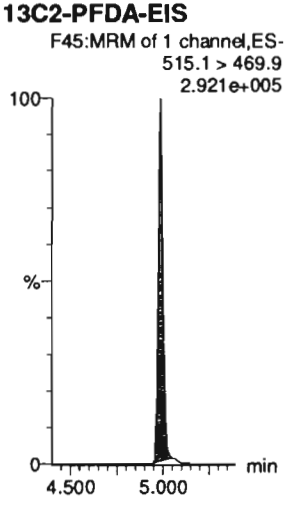
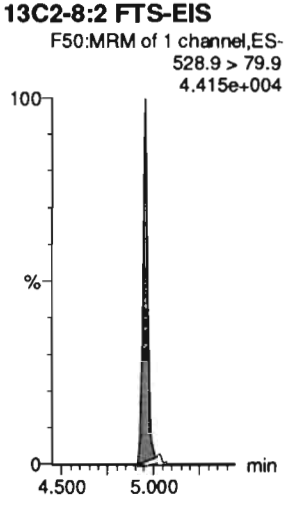


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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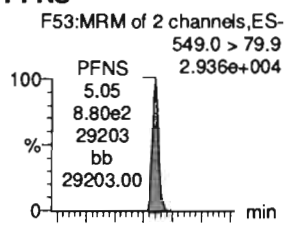
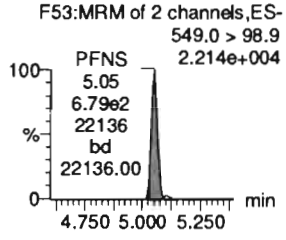
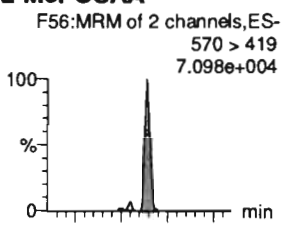
Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

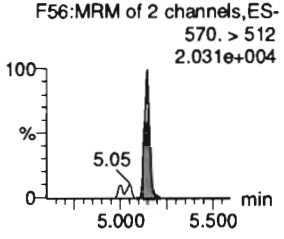
PFNS





L-MeFOSAA





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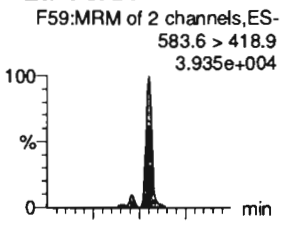
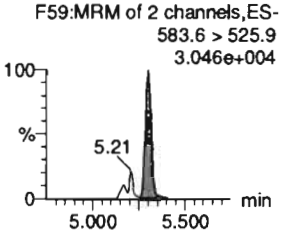
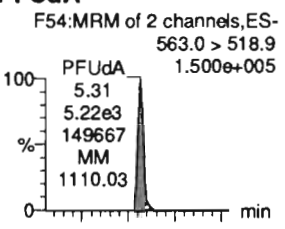
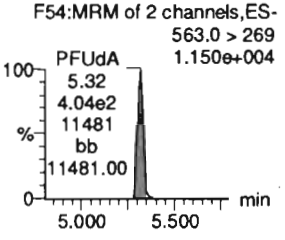


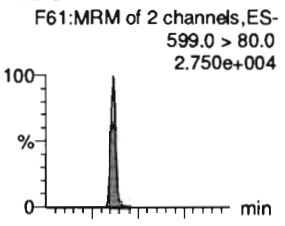


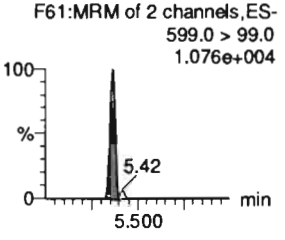
PFUdA



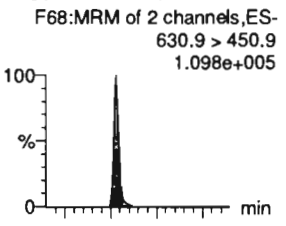


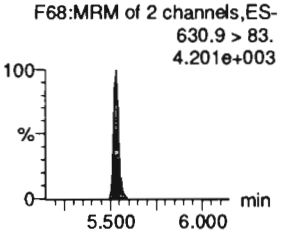
PFDS



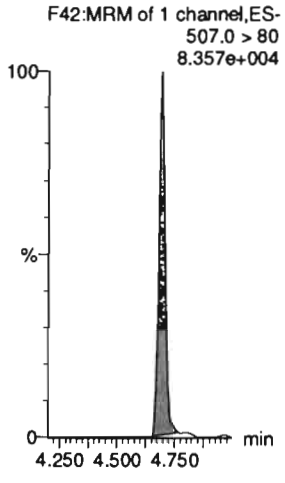


11Cl-PF30UdS

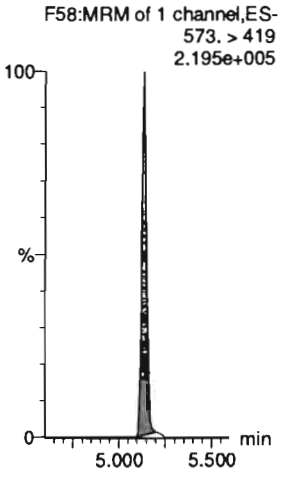




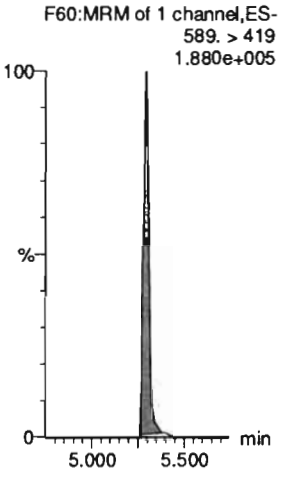
13C8-PFOS-EIS



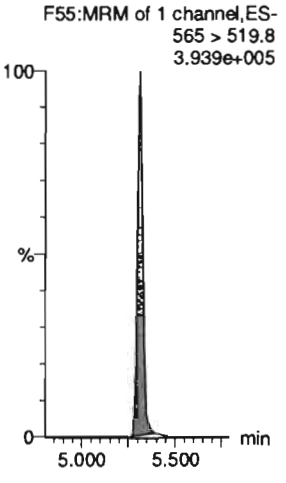
d3-N-MeFOSAA-EIS



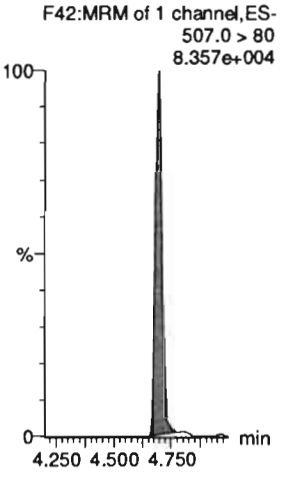
d5-N-EtFOSAA-EIS



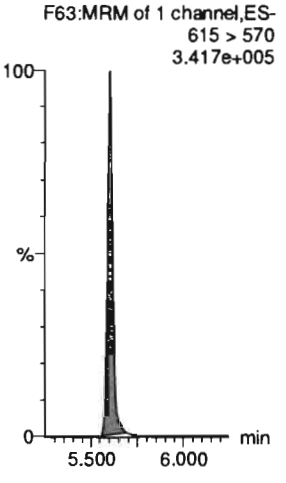
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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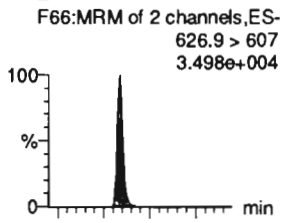
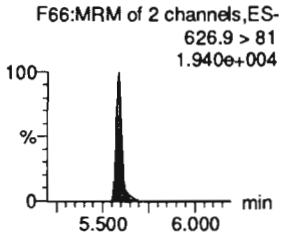
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

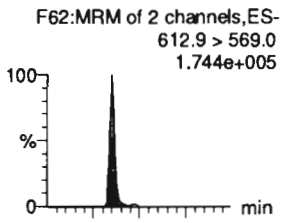
Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

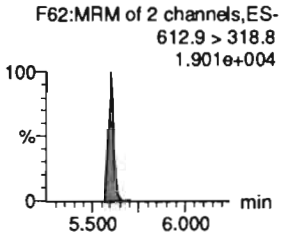
10:2 FTS



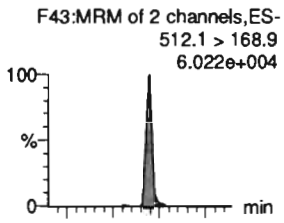


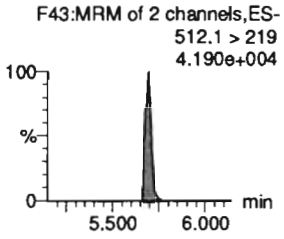
PFDoA



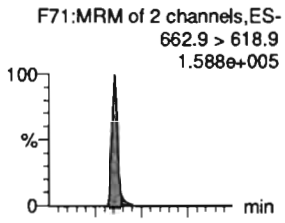


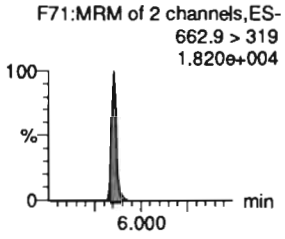
N-MeFOSA



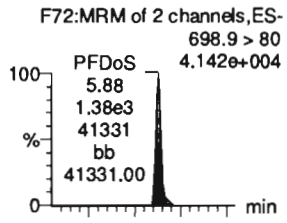


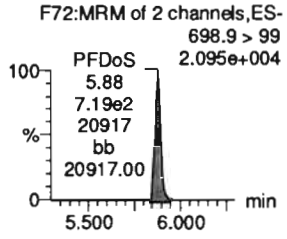
PFTrDA



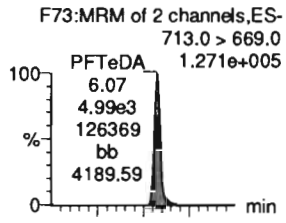


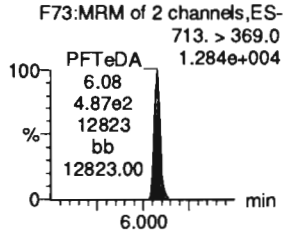
PFDoS



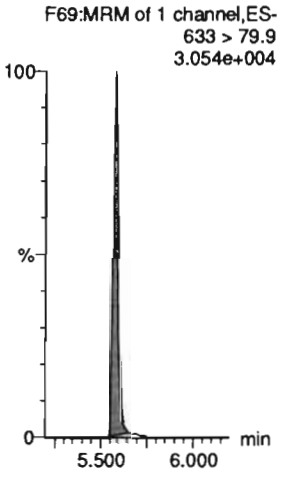


PFTeDA

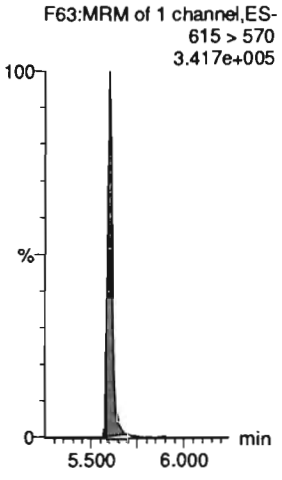




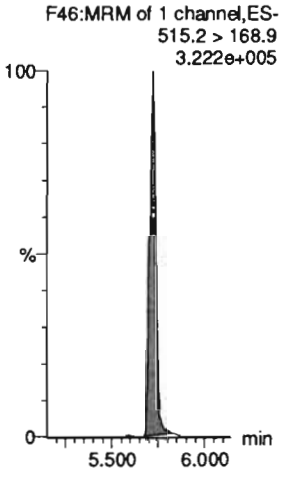
13C2-10:2 FTS-EIS



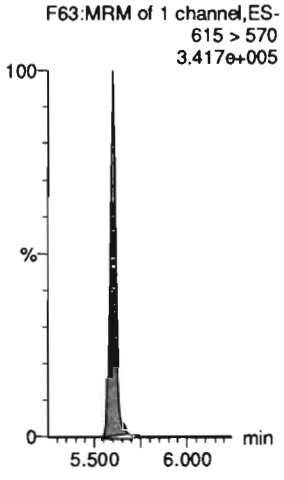
13C2-PFDoA-EIS



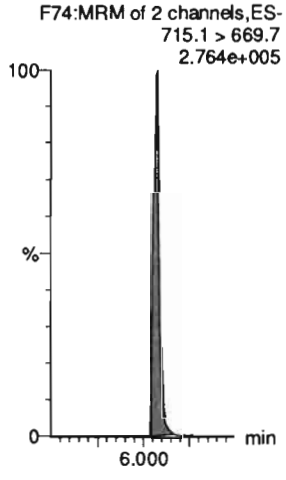
d3-N-MeFOSA-EIS



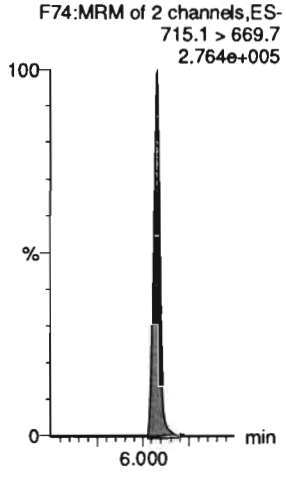
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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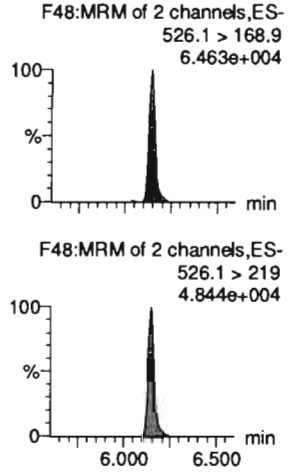
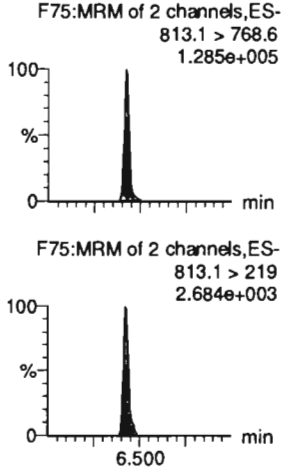
Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

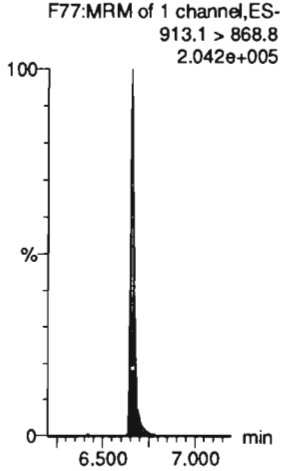
N-EtFOSA



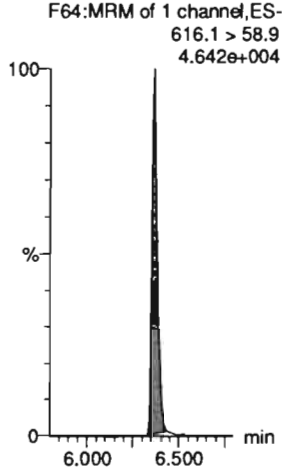
PFHxDA



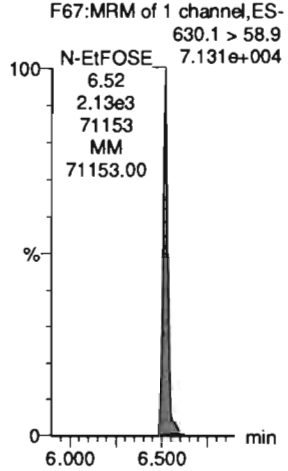
PFODA



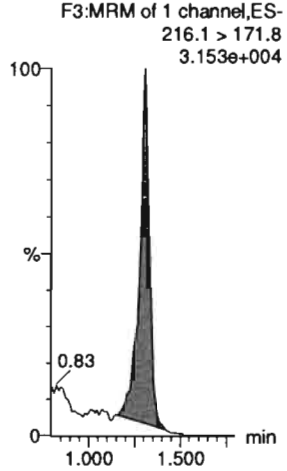
N-MeFOSE



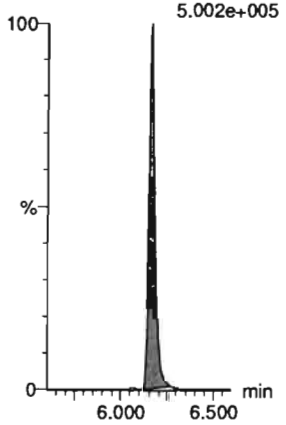
N-EtFOSE



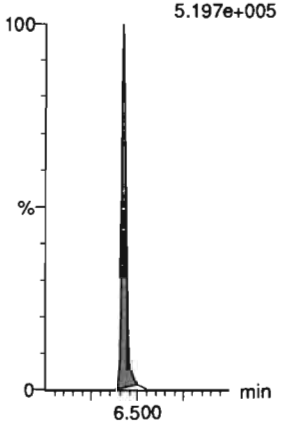
13C3-PFBA-RSD



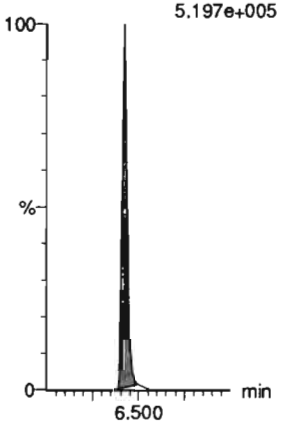
d5-N-ETFOSA-EIS



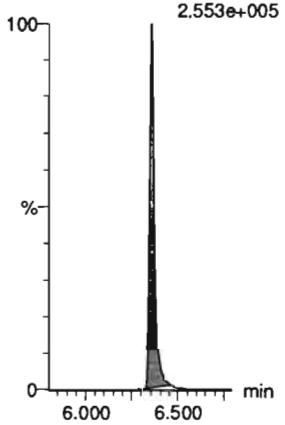
13C2-PFHxDA-EIS



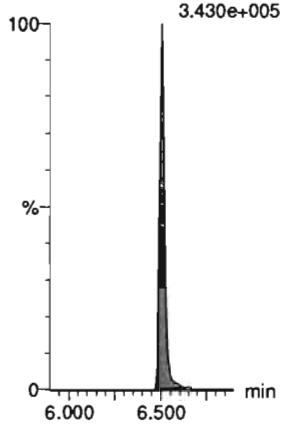
13C2-PFHxDA-EIS



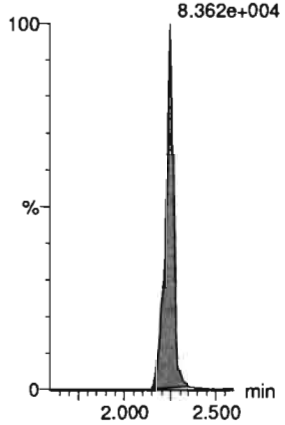
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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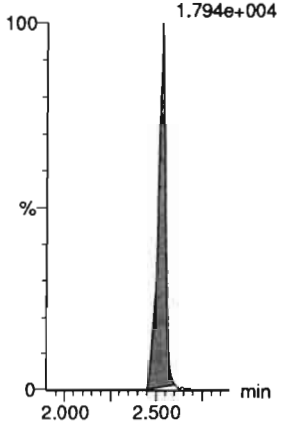
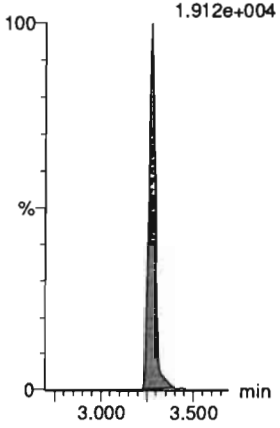
Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

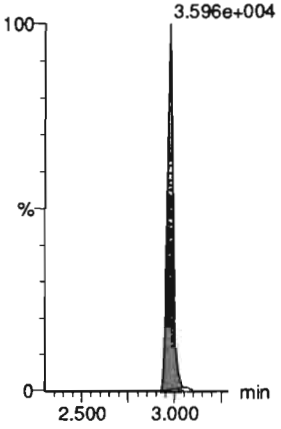
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.794e+004



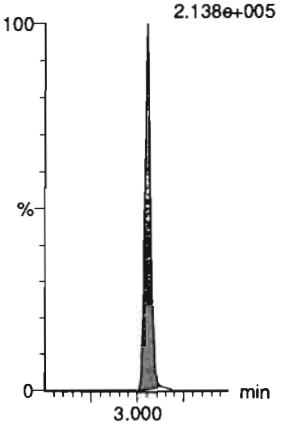
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.912e+004



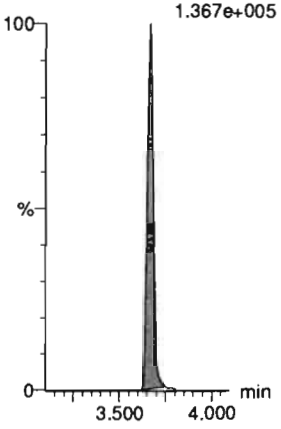
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.596e+004



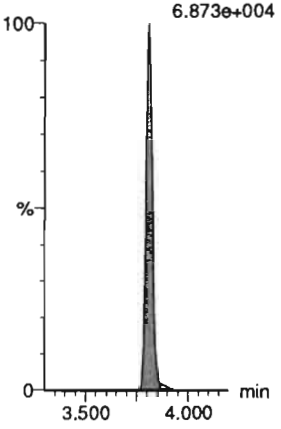
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.138e+005



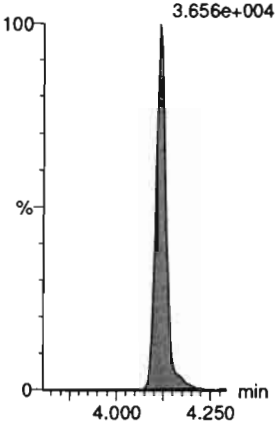
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.367e+005



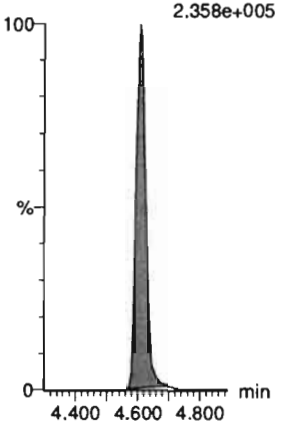
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
6.873e+004



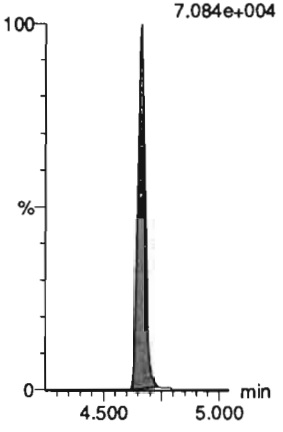
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.656e+004



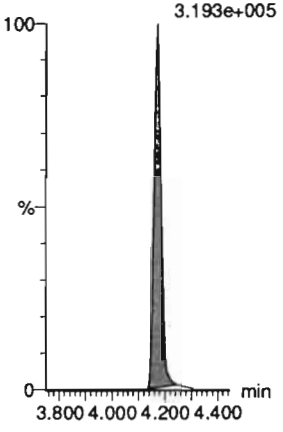
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.358e+005



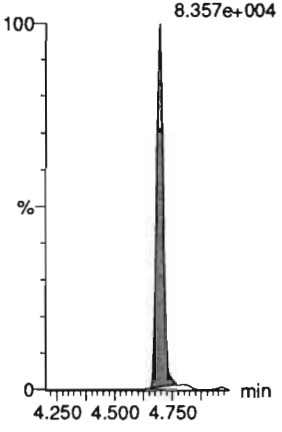
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
7.084e+004



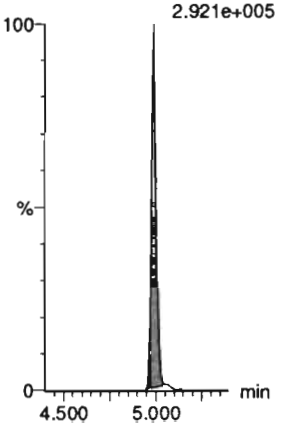
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.193e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
8.357e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.921e+005

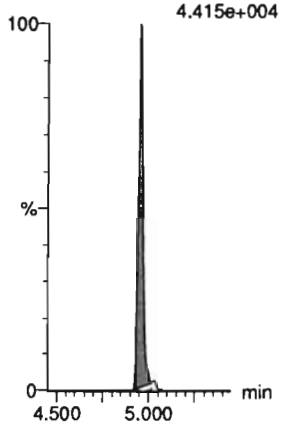


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

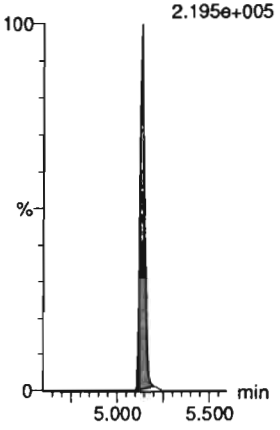
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

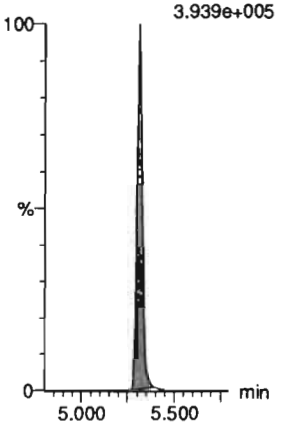
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.415e+004



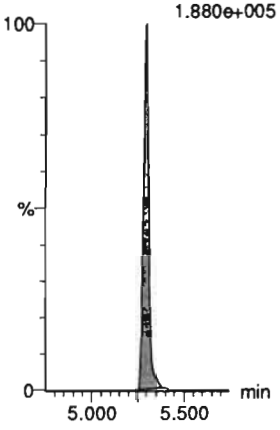
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.195e+005



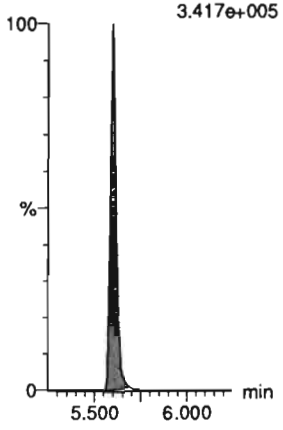
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.939e+005



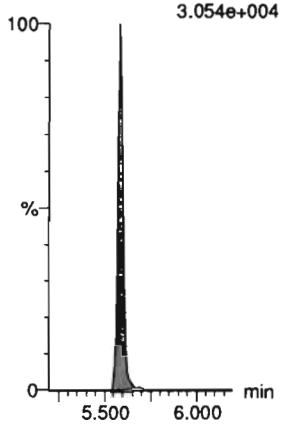
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.880e+005



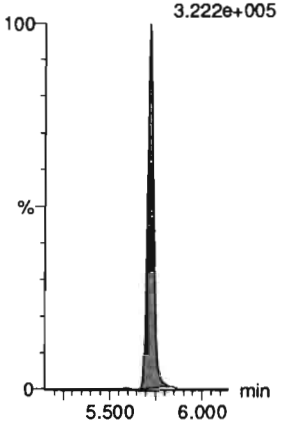
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.417e+005



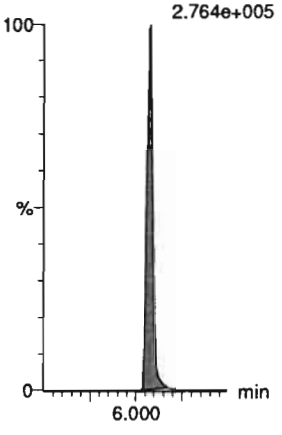
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
3.054e+004



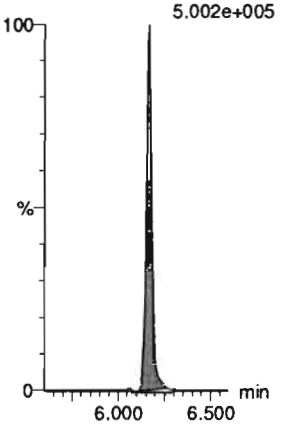
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.222e+005



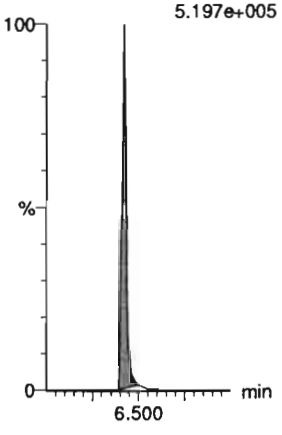
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.764e+005



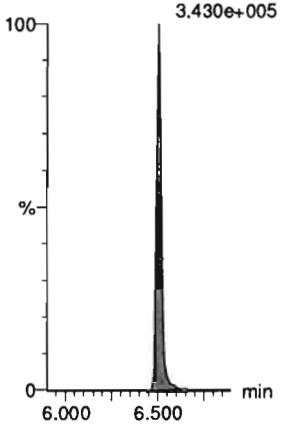
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.002e+005



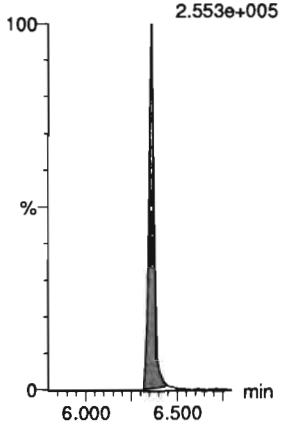
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.197e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.430e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.553e+005

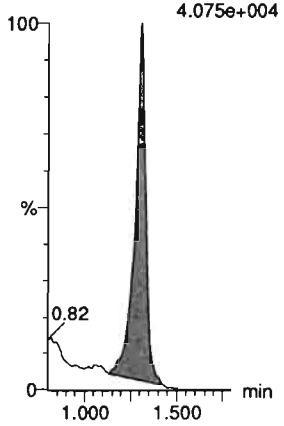


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

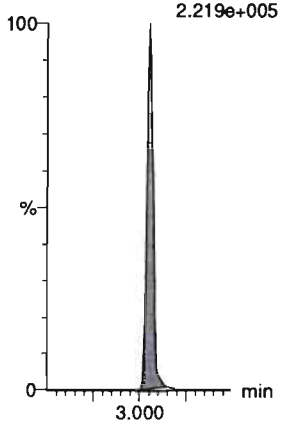
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_7, Date: 02-Jun-2020, Time: 17:19:05, ID: ST200602M2-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

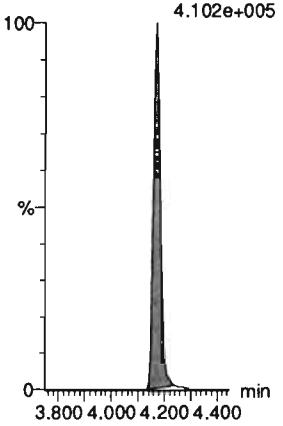
13C4-PFBA



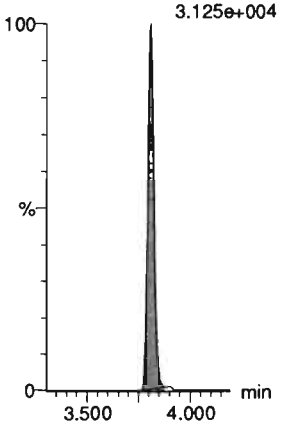
13C5-PFHxA



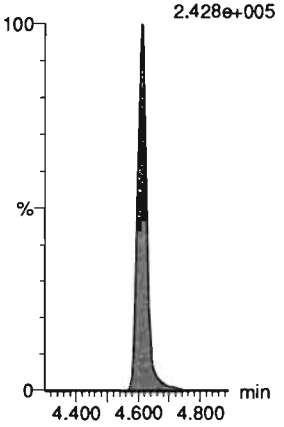
13C8-PFOA



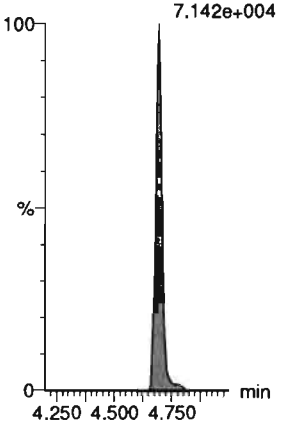
18O2-PFHxS



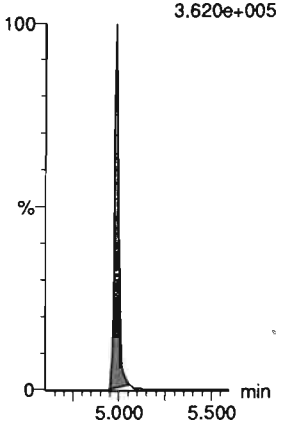
13C9-PFNA



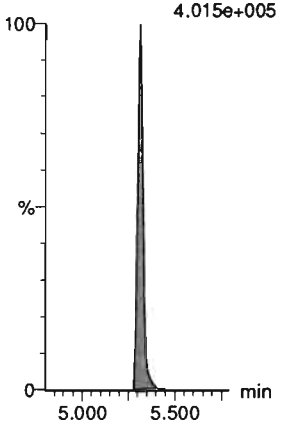
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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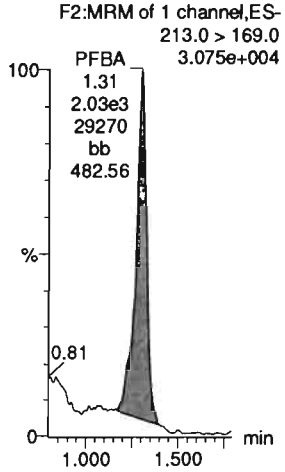
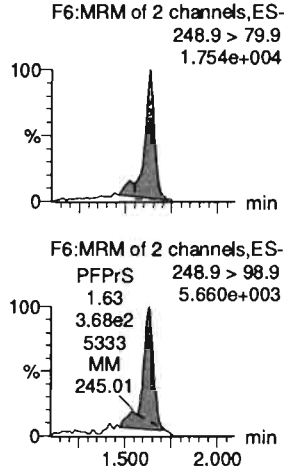
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

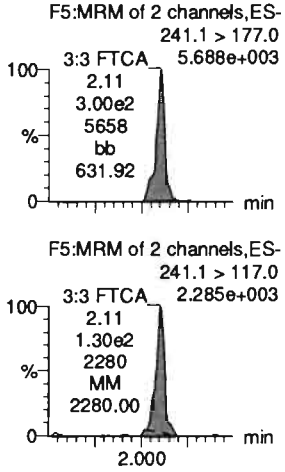
PFBA



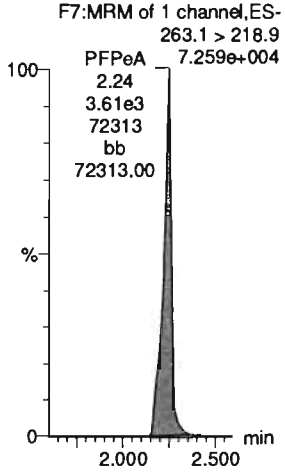
PFPrS



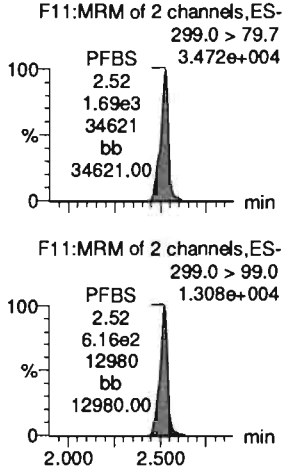
3:3 FTCA



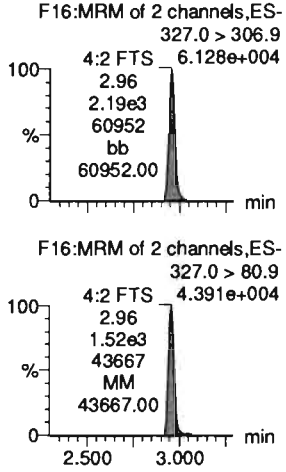
PFPeA



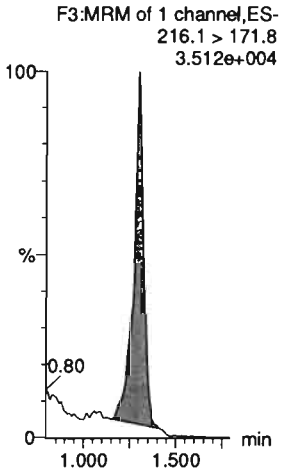
PFBS



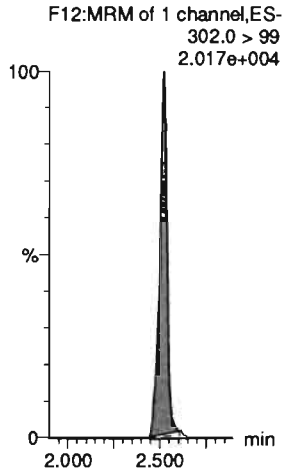
4:2 FTS



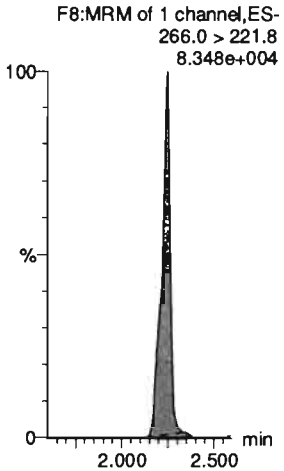
13C3-PFBA-EIS



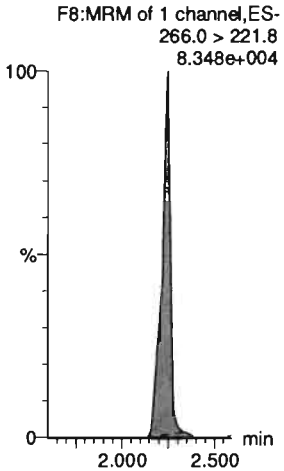
13C3-PFBS-EIS



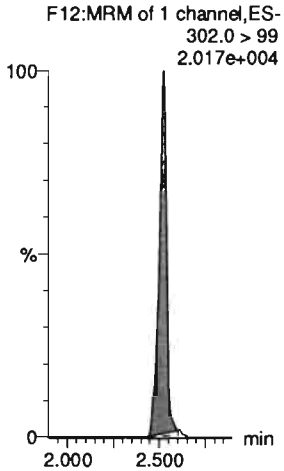
13C3-PFPeA-EIS



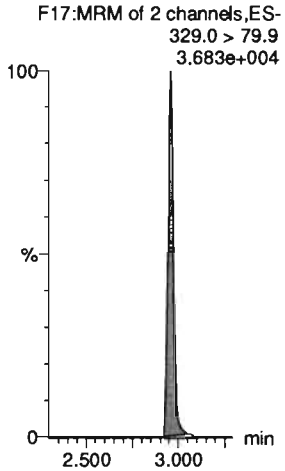
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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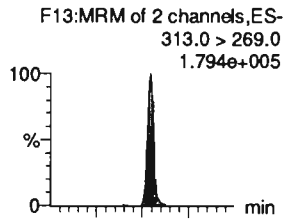
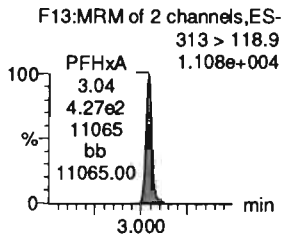
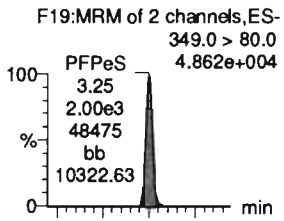
Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

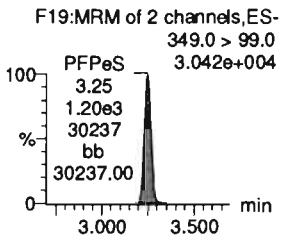
PFHxA



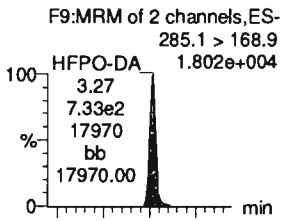


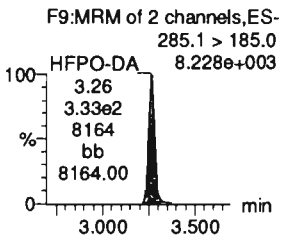
PFPeS



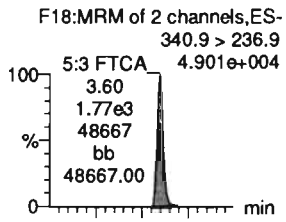


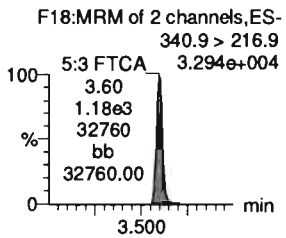
HFPO-DA



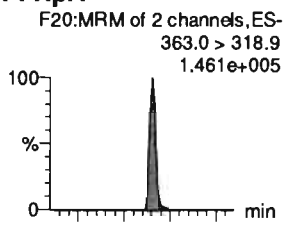


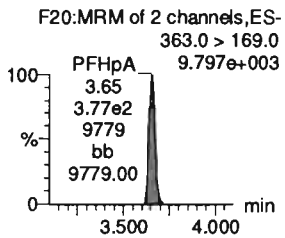
5:3 FTCA





PFHpA





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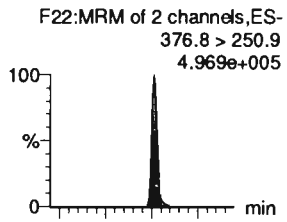
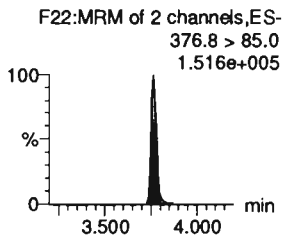
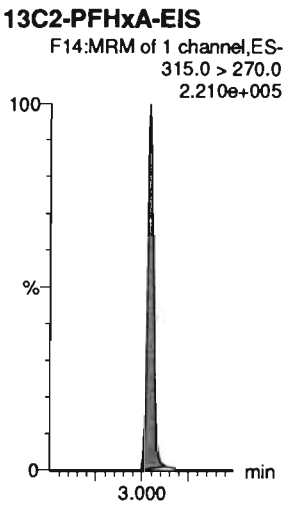
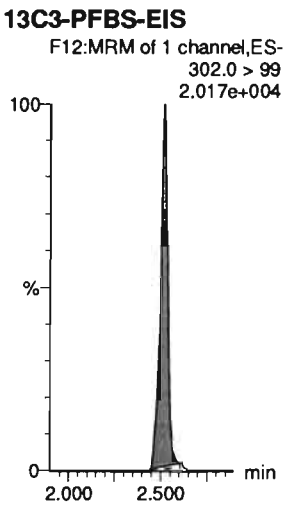




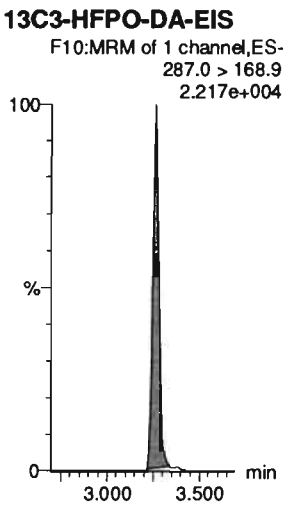
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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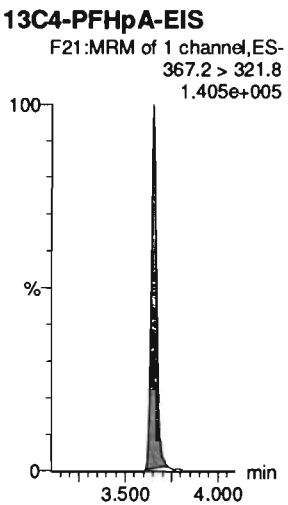

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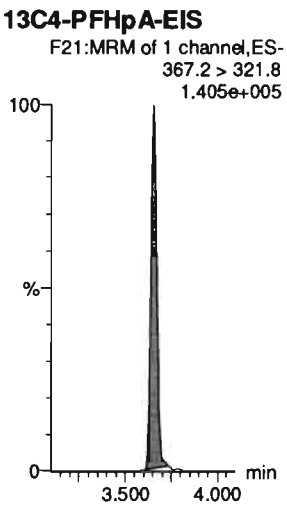

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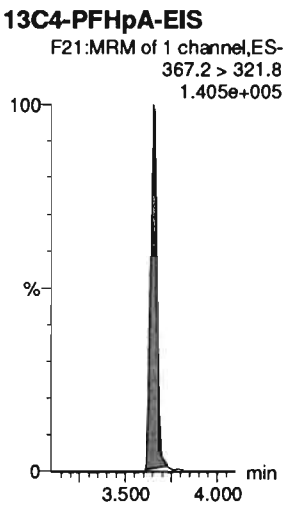

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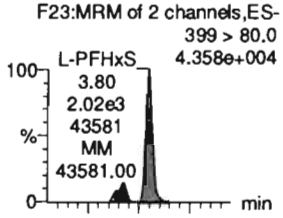
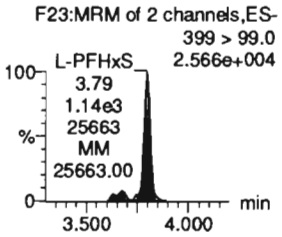
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

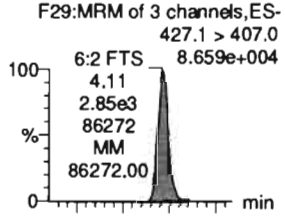
Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

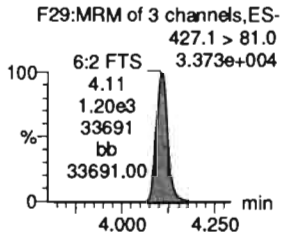
L-PFHxS





6:2 FTS





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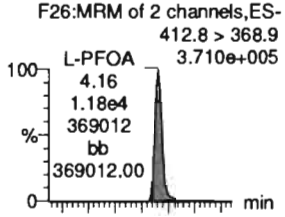

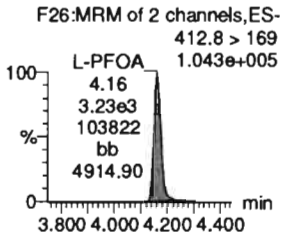

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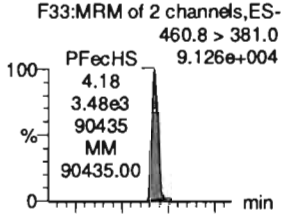

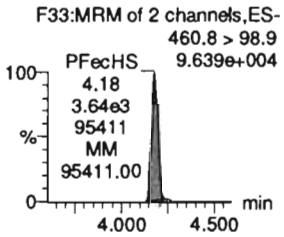

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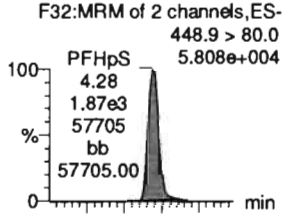
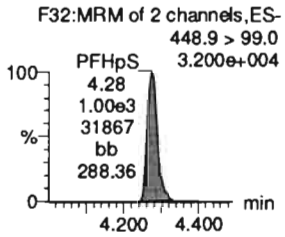
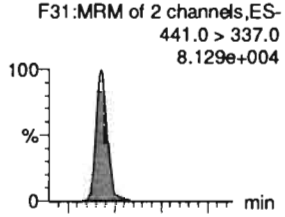
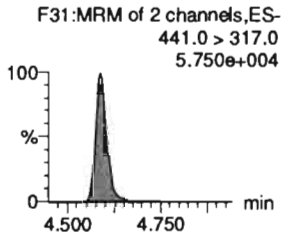


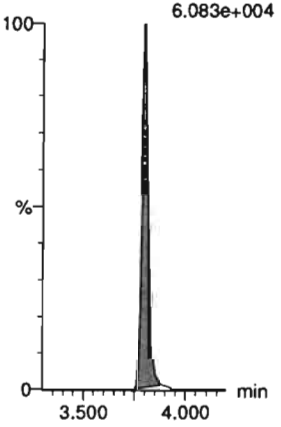


7:3 FTCA

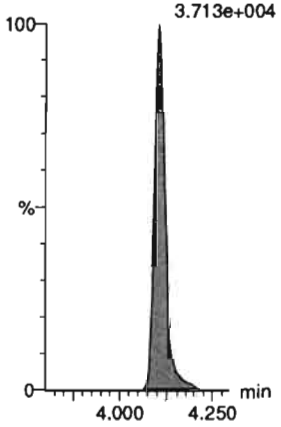




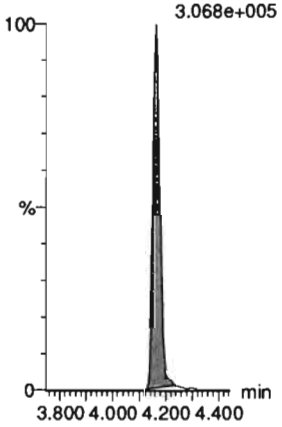
13C3-PFHxS-EIS



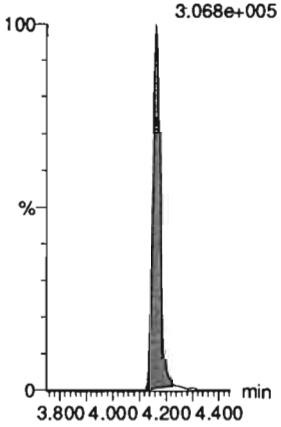
13C2-6:2 FTS-EIS



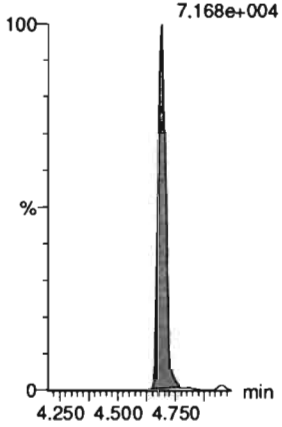
13C2-PFOA-EIS



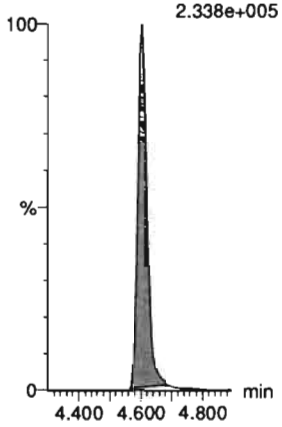
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

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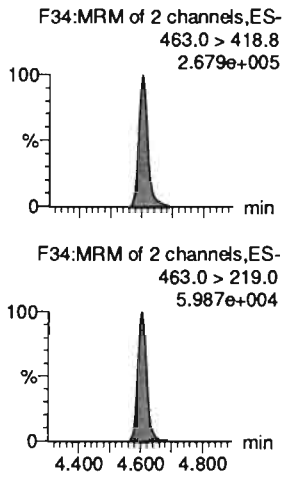

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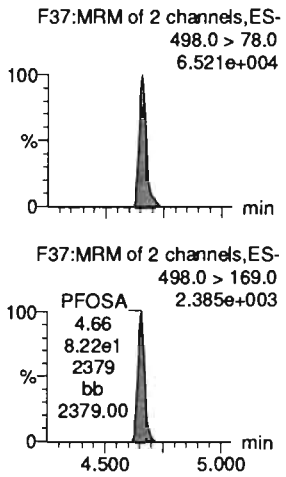
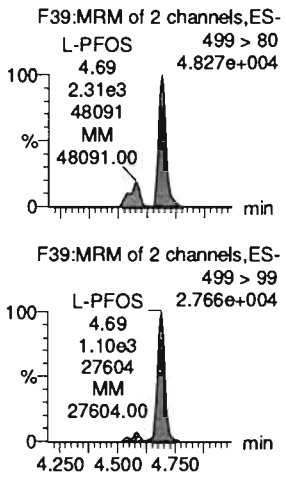
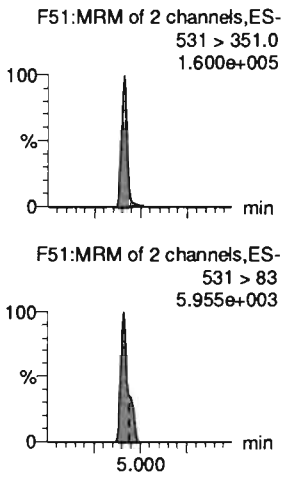


L-PFOS



9Cl-PF30NS



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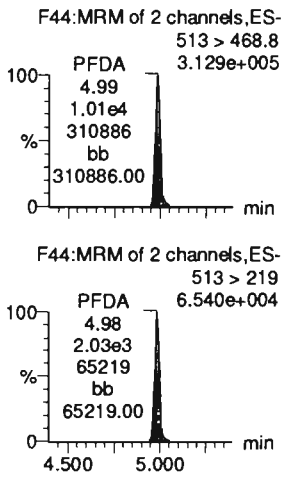
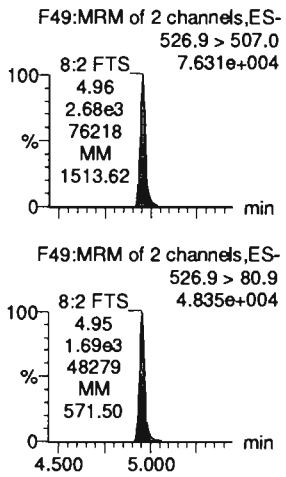
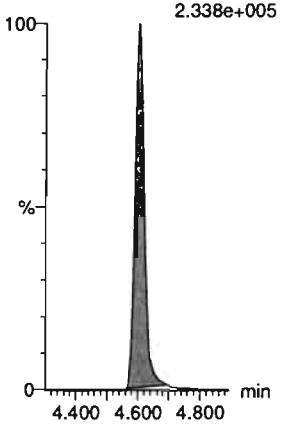


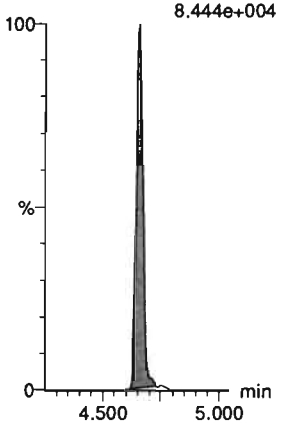
8:2 FTS



13C5-PFNA-EIS



13C8-PFOSA-EIS



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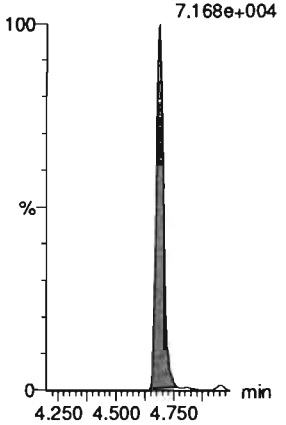
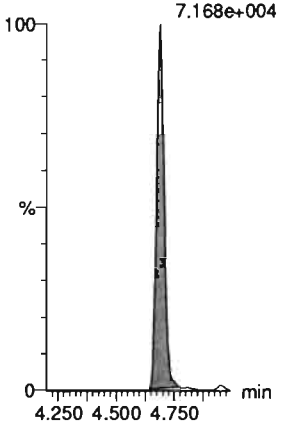
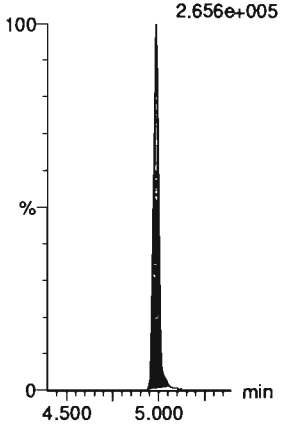


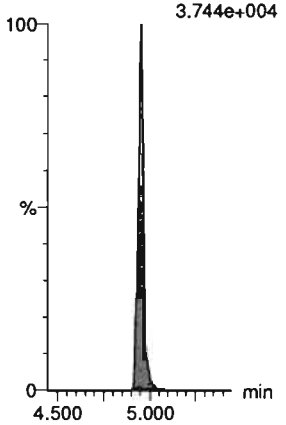
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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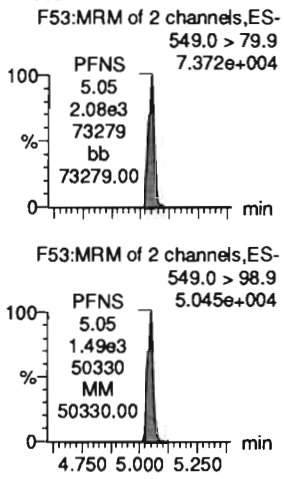
PFNS



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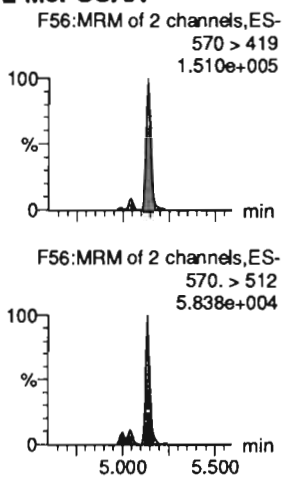

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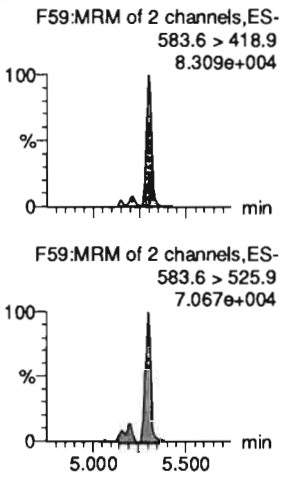
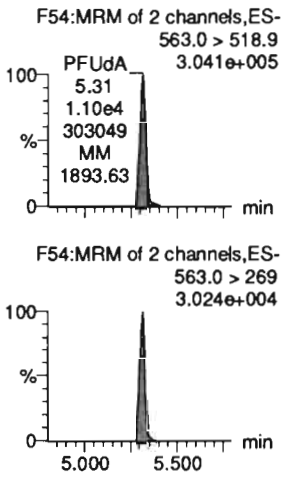


PFUdA



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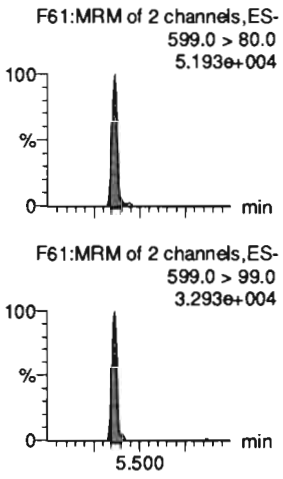

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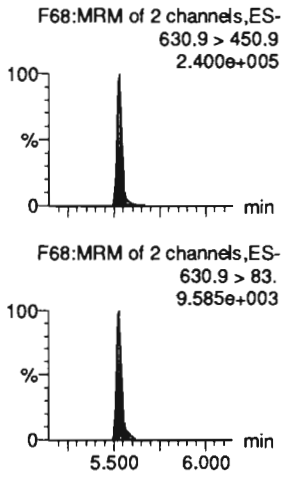
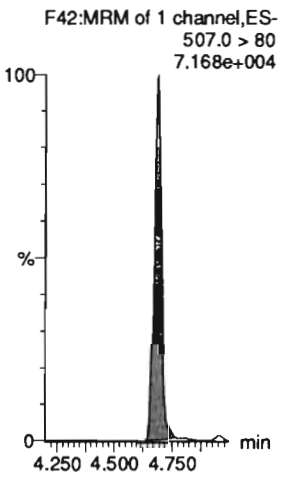


13C8-PFOS-EIS



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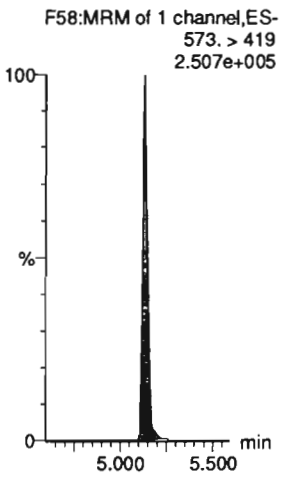
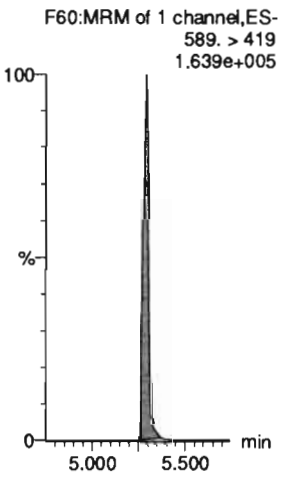
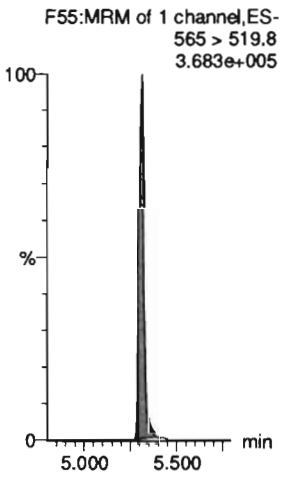


d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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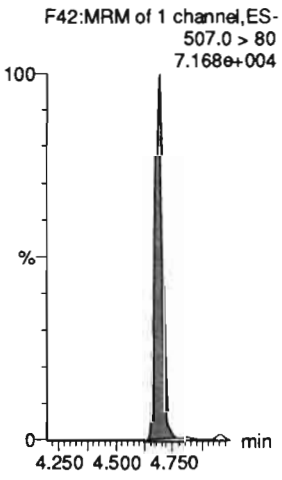
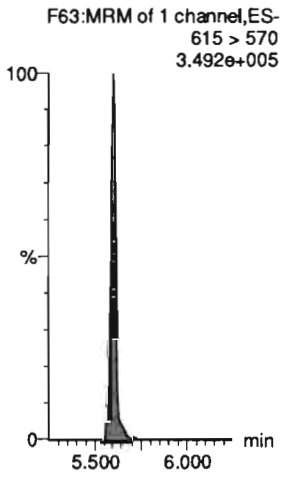


13C2-PFDoA-EIS



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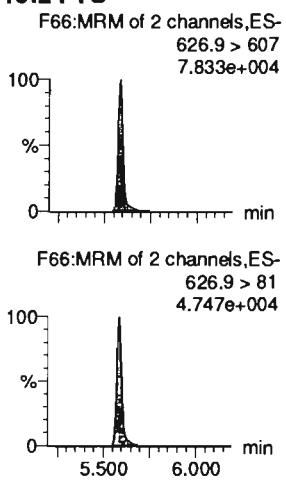
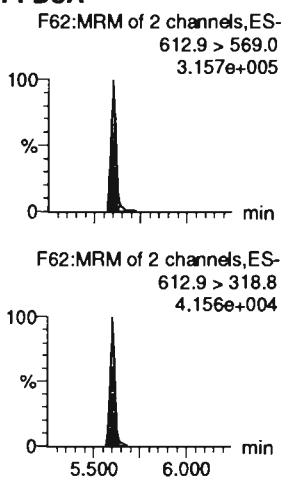
Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

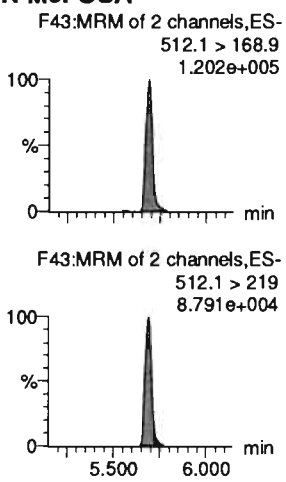
10:2 FTS



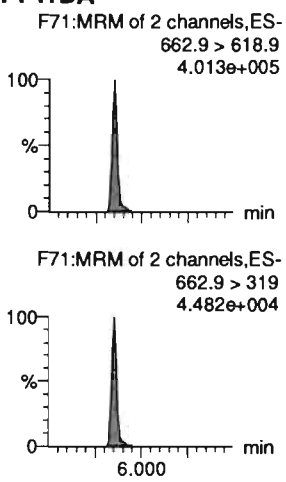
PFDoA



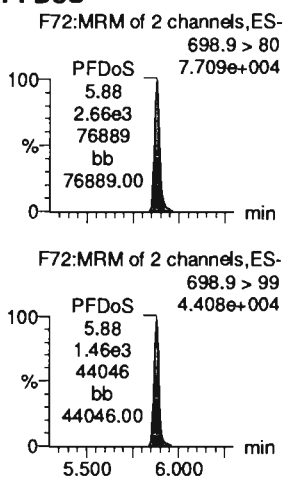
N-MeFOSA



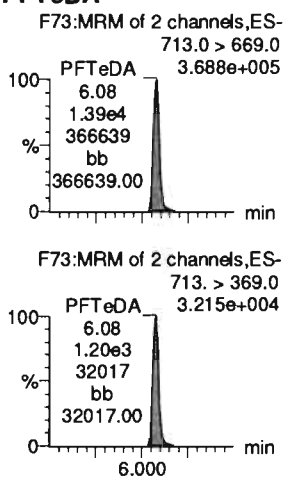
PFTrDA



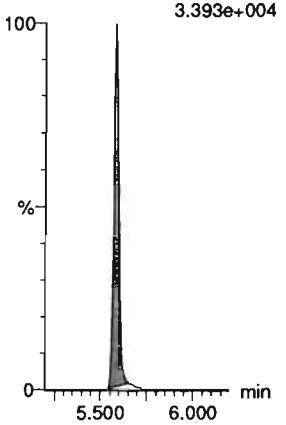
PFDoS



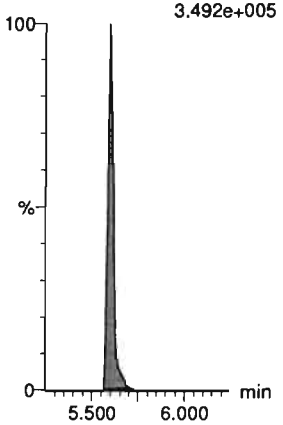
PFTeDA



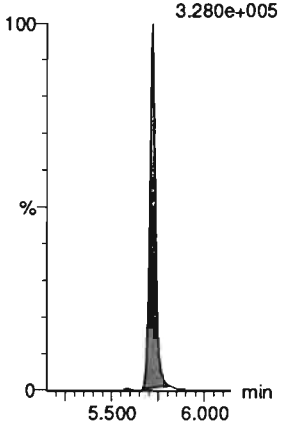
13C2-10:2 FTS-EIS



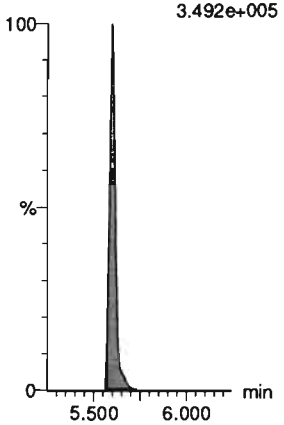
13C2-PFDoA-EIS



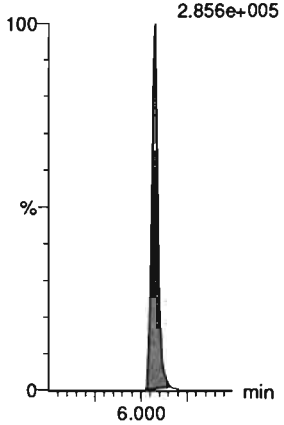
d3-N-MeFOSA-EIS



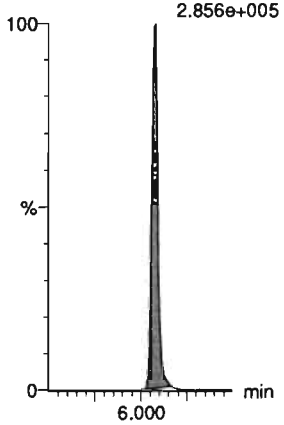
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

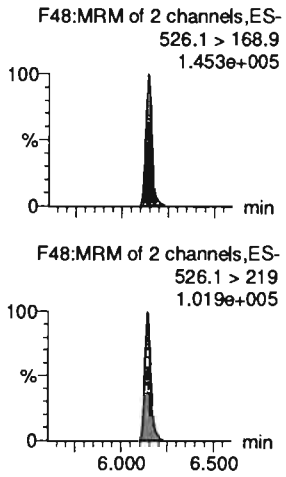


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

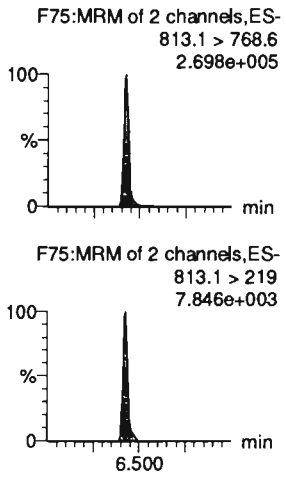
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

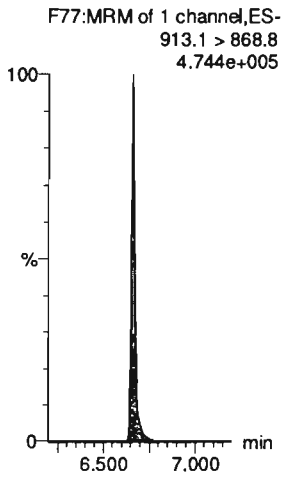
N-EtFOSA



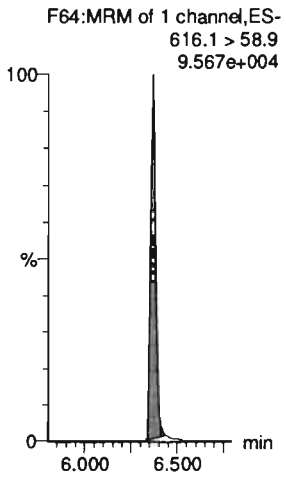
PFHxDA



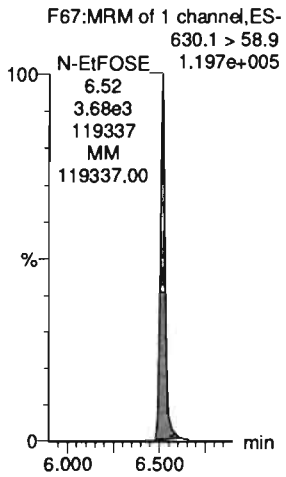
PFODA



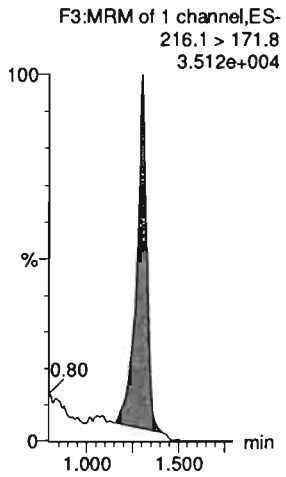
N-MeFOSE



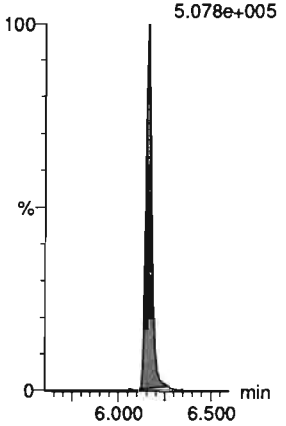
N-EtFOSE



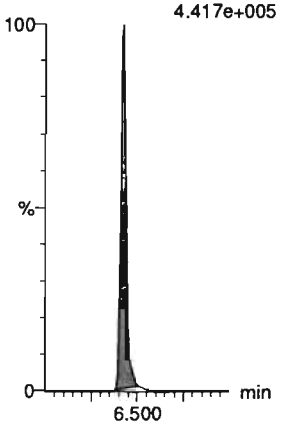
13C3-PFBA-RSD



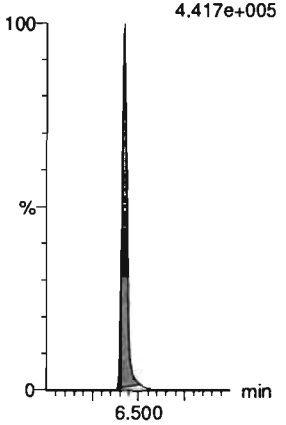
d5-N-ETFOSA-EIS



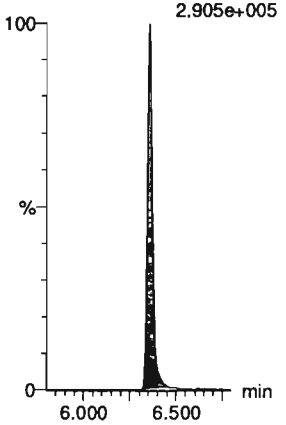
13C2-PFHxDA-EIS



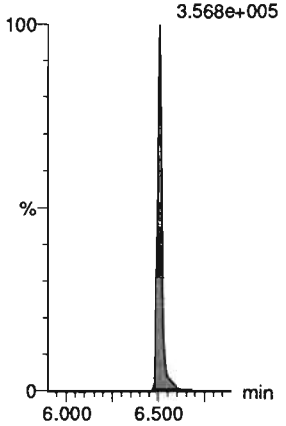
13C2-PFHxDA-EIS



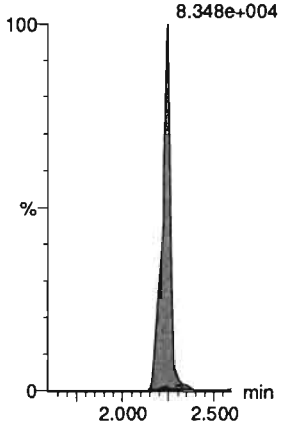
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

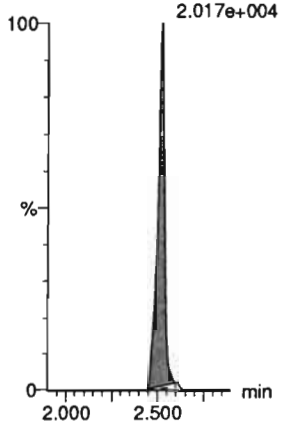


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

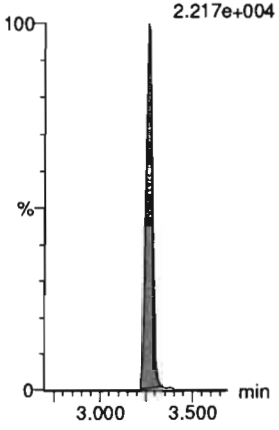
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

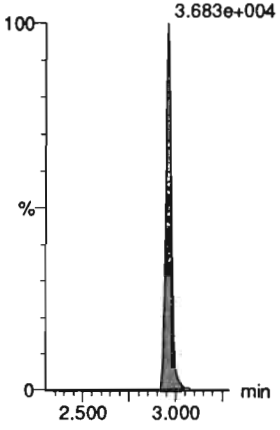
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.017e+004



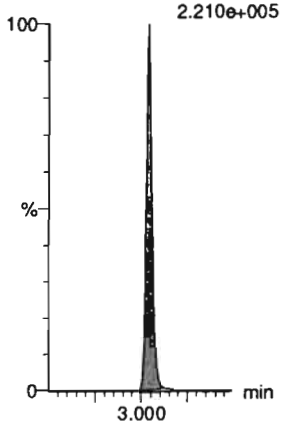
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.217e+004



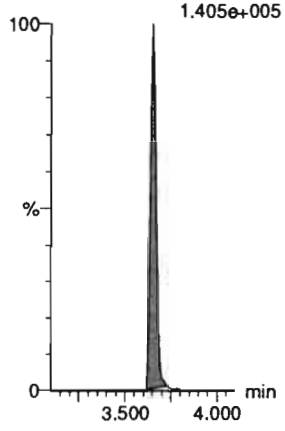
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.683e+004



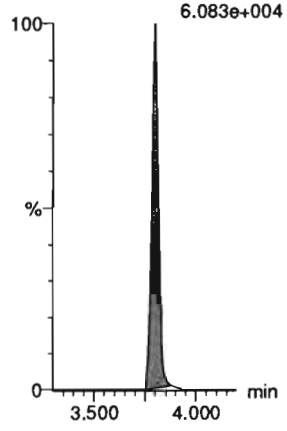
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.210e+005



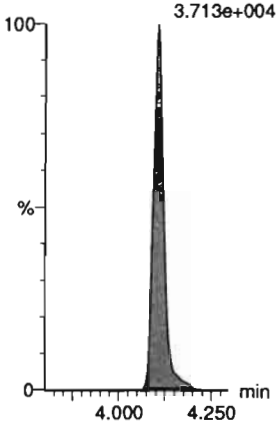
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.405e+005



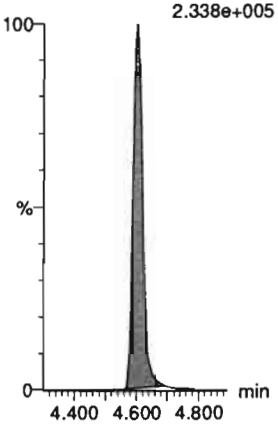
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
6.083e+004



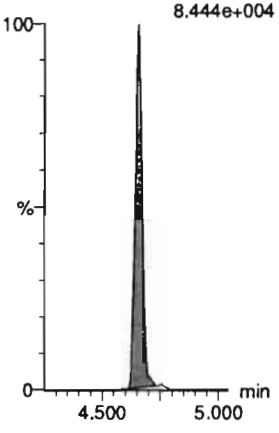
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.713e+004



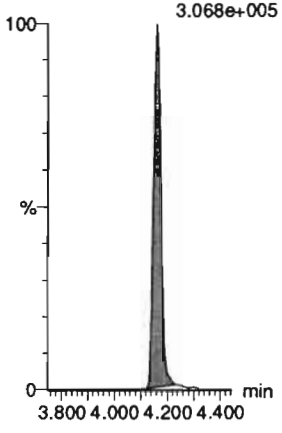
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.338e+005



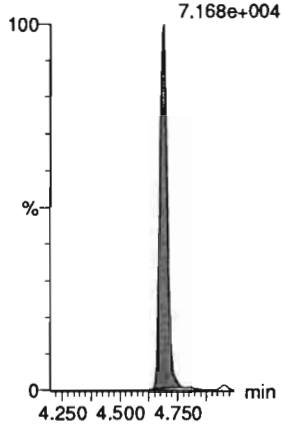
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
8.444e+004



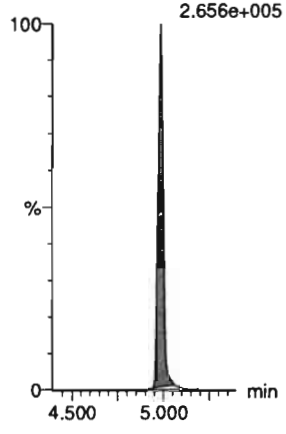
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.068e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
7.168e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.656e+005



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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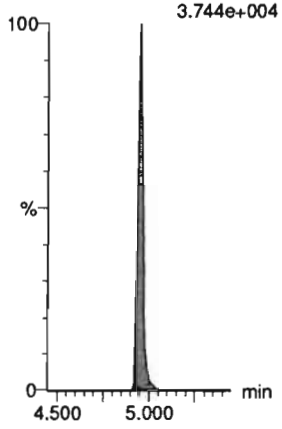
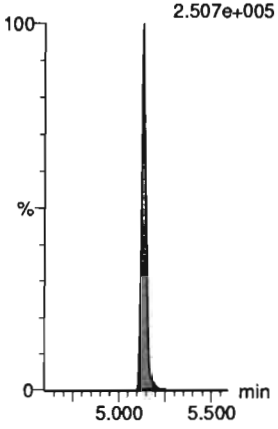
Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

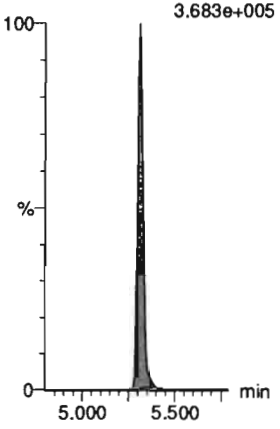
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.744e+004



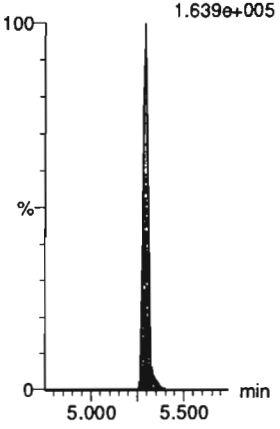
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.507e+005



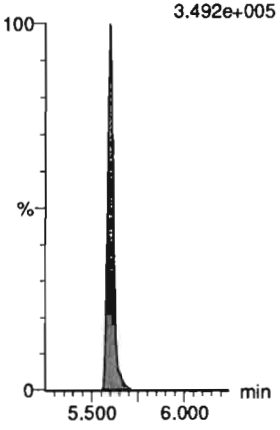
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.683e+005



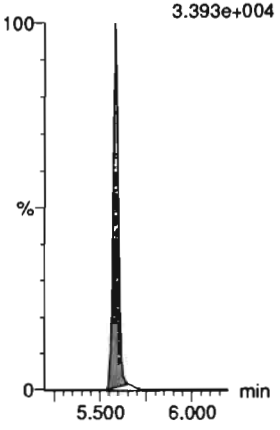
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.639e+005



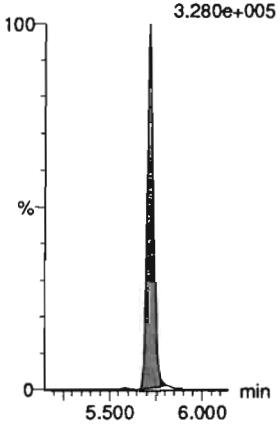
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.492e+005



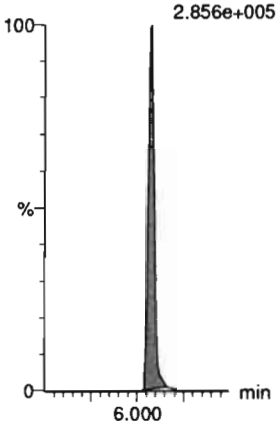
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
3.393e+004



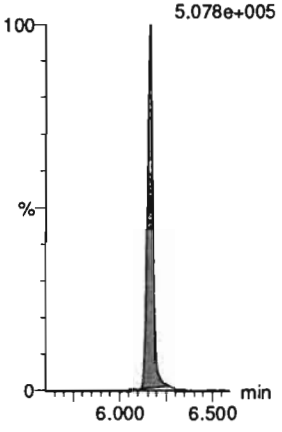
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.280e+005



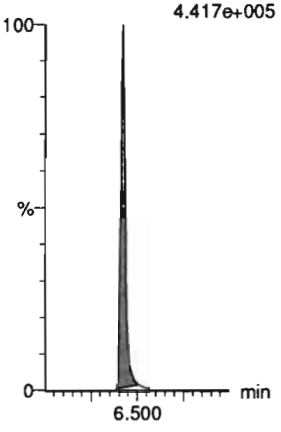
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.856e+005



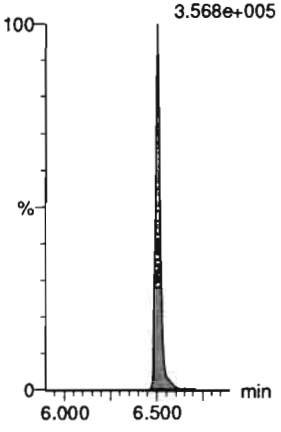
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.078e+005



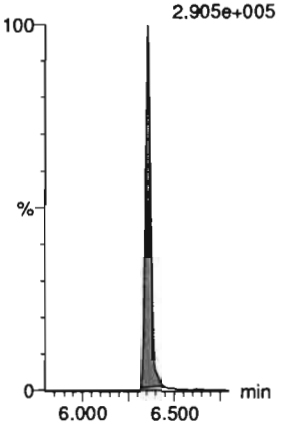
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
4.417e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.568e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.905e+005



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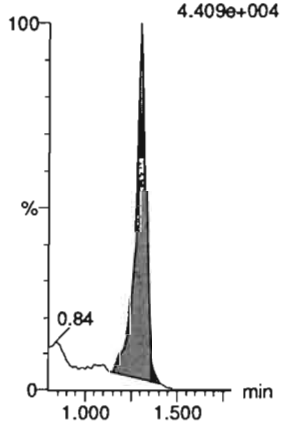
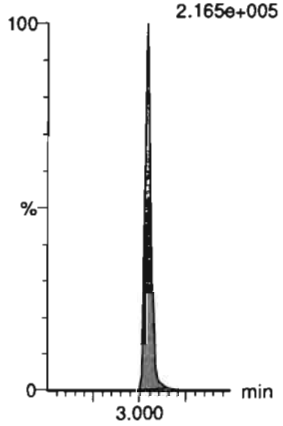
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_8, Date: 02-Jun-2020, Time: 17:29:31, ID: ST200602M2-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

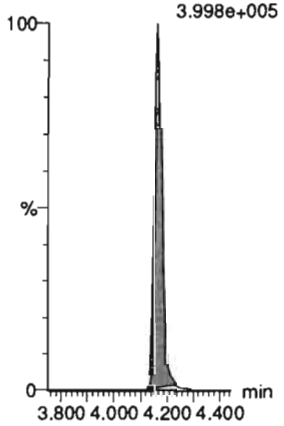
13C4-PFBA



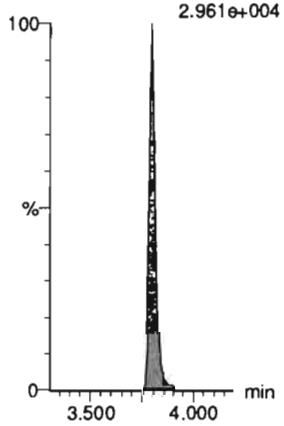
13C5-PFHxA



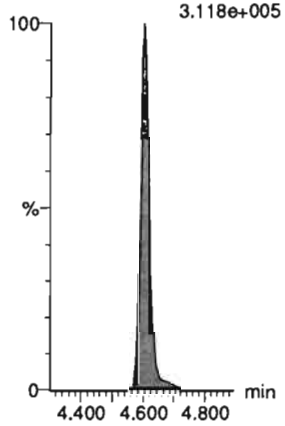
13C8-PFOA



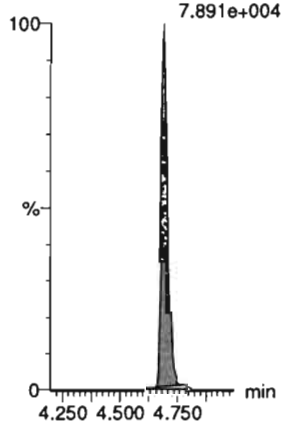
18O2-PFHxS



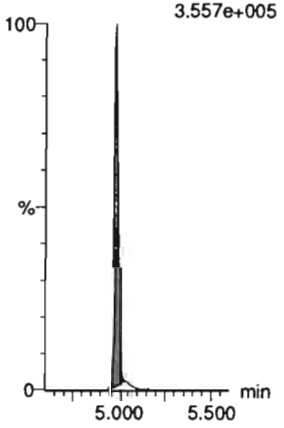
13C9-PFNA



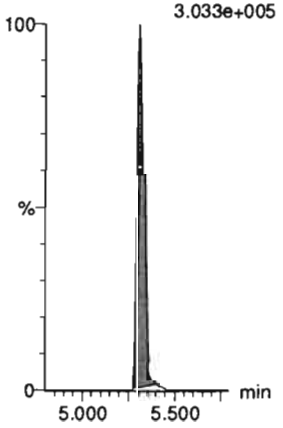
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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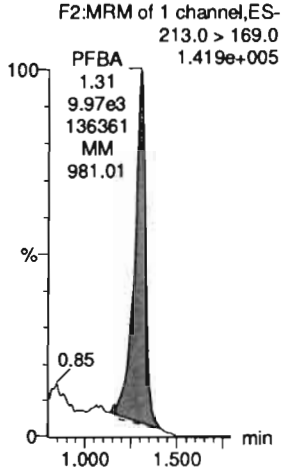
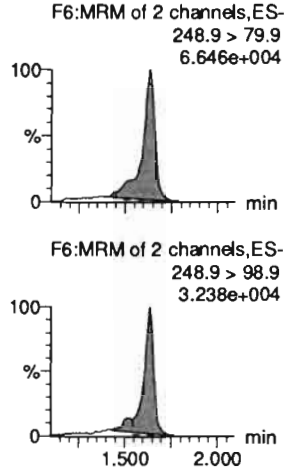
Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

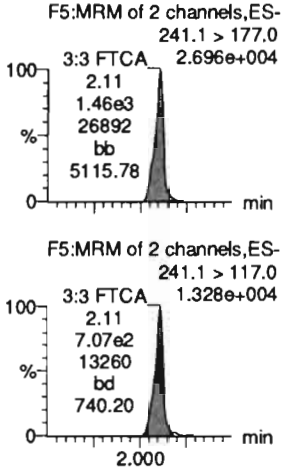
PFBA



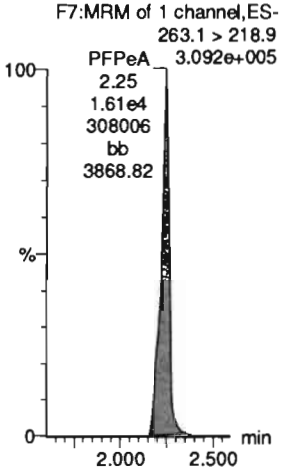
PFPrS



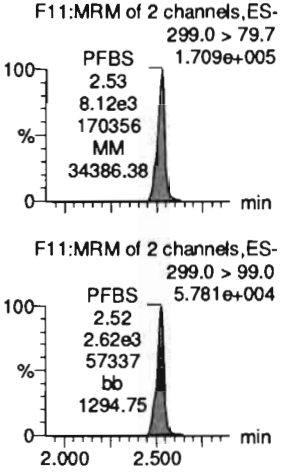
3:3 FTCA



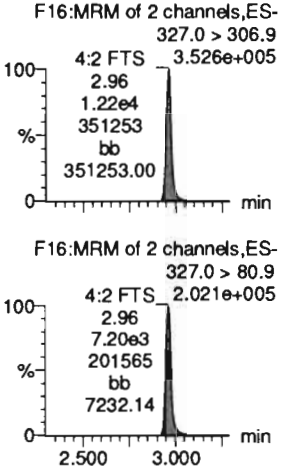
PFPeA



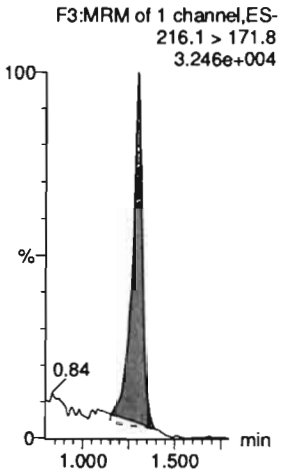
PFBS



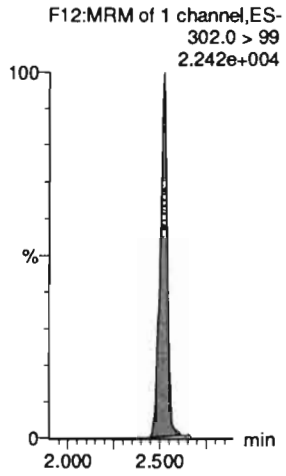
4:2 FTS



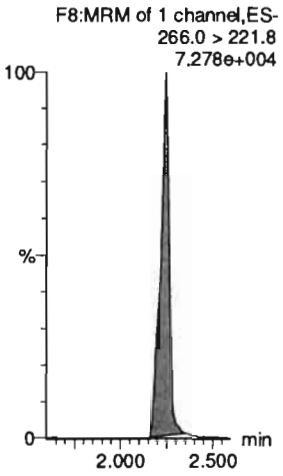
13C3-PFBA-EIS



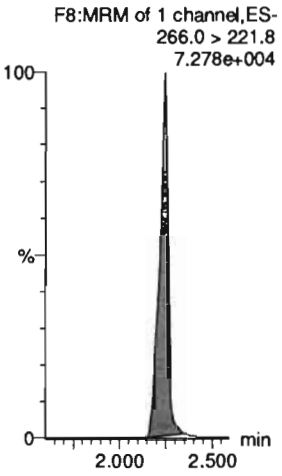
13C3-PFBS-EIS



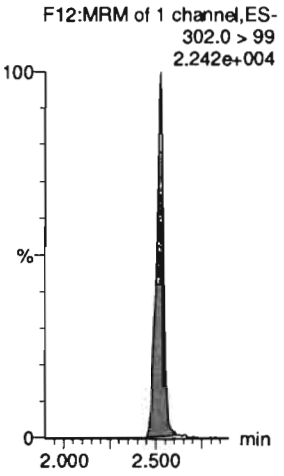
13C3-PFPeA-EIS



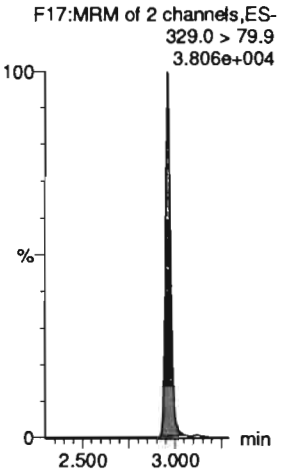
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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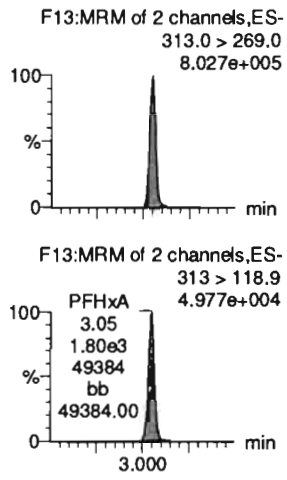
Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

PFHxA



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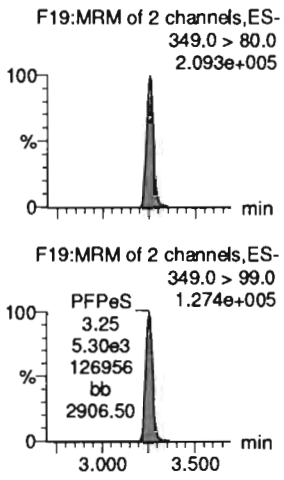
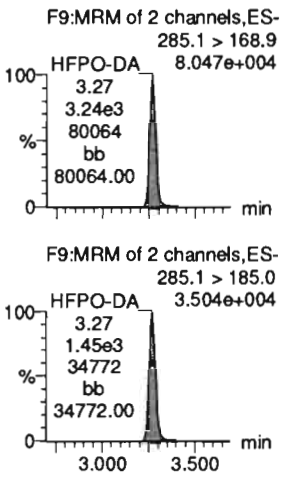
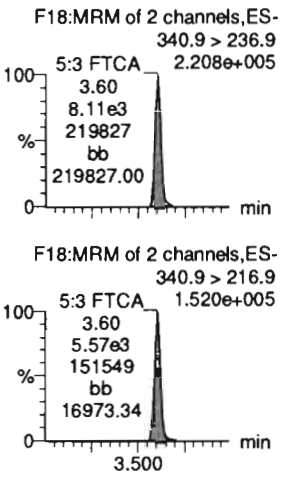


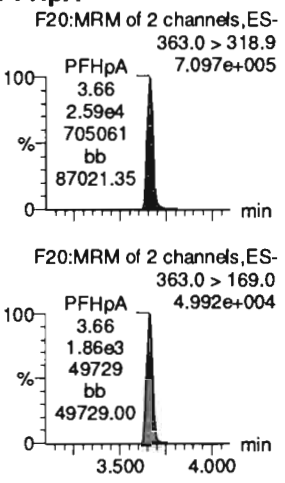
HFPO-DA



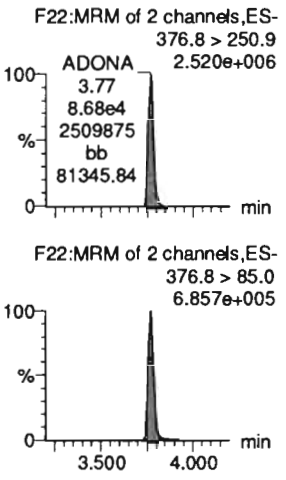
5:3 FTCA



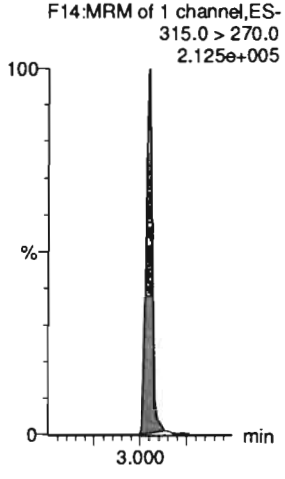
PFHpA



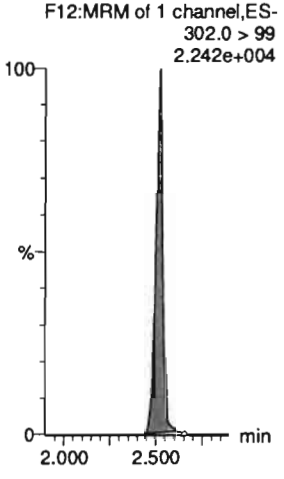
ADONA



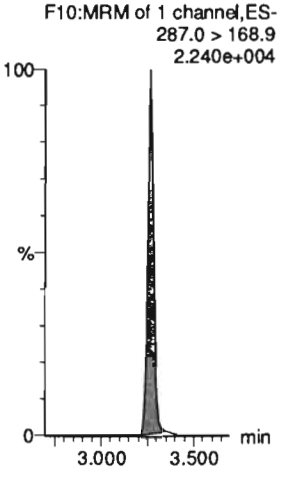
13C2-PFHxA-EIS



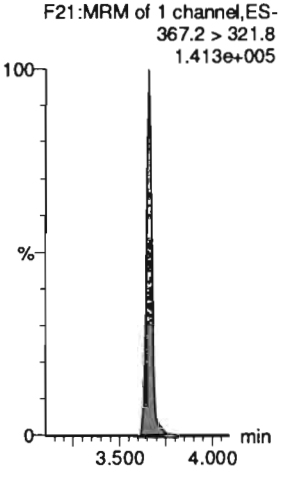
13C3-PFBS-EIS



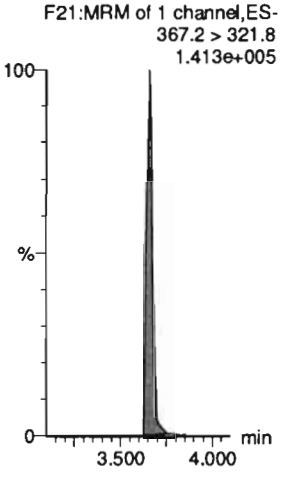
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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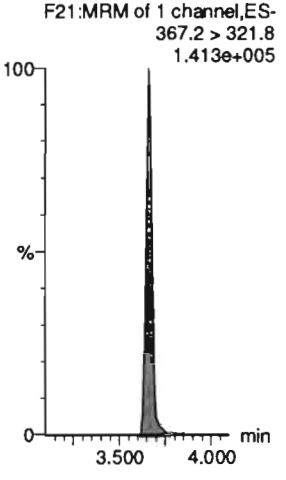

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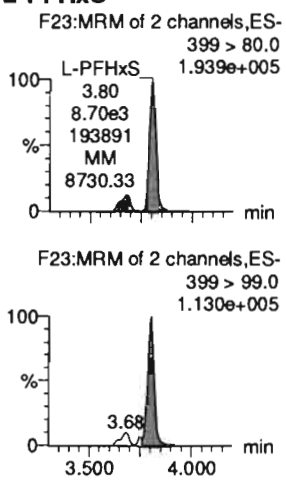
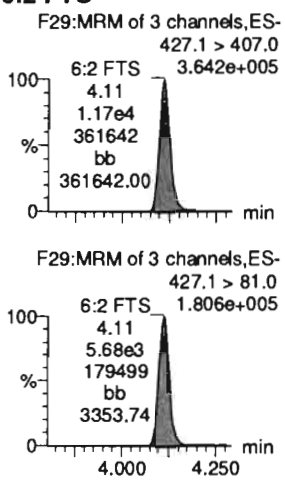
Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

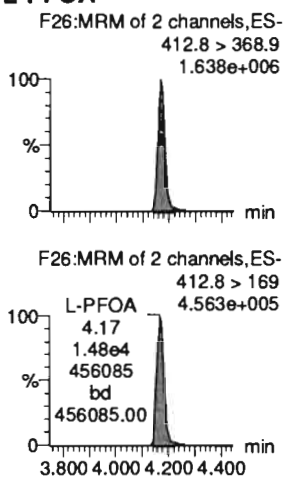
L-PFHxS



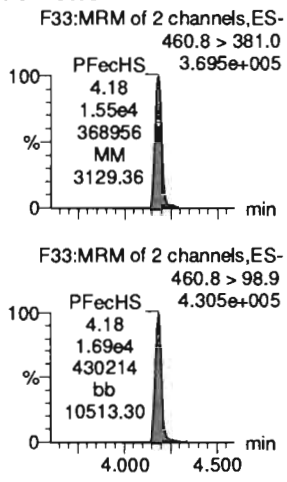
6:2 FTS



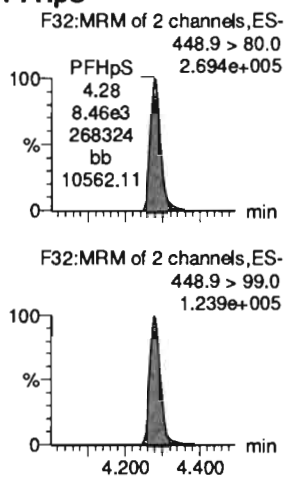
L-PFOA



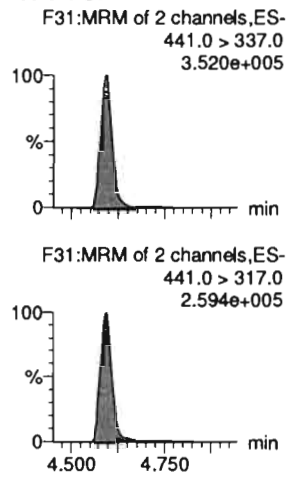
PFEChS



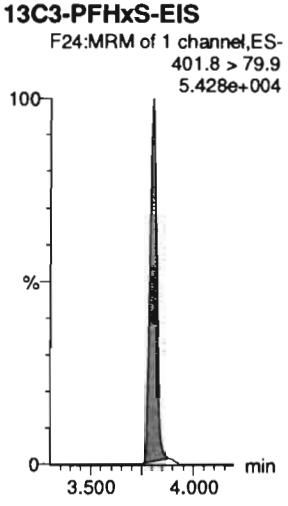
PFHpS



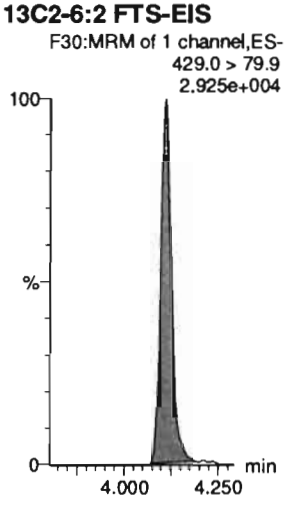
7:3 FTCA



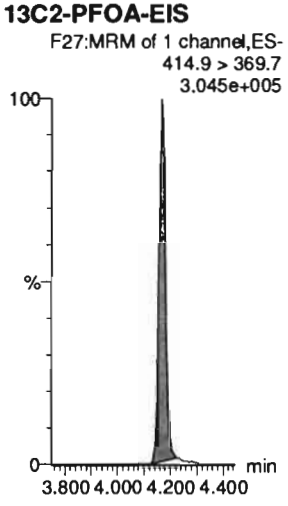
13C3-PFHxS-EIS



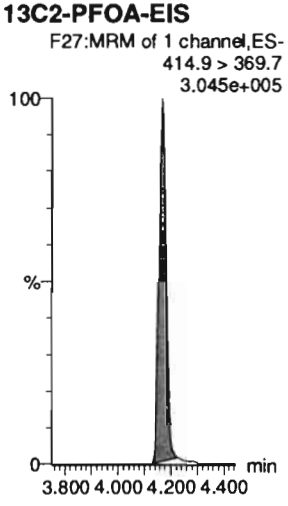
13C2-6:2 FTS-EIS



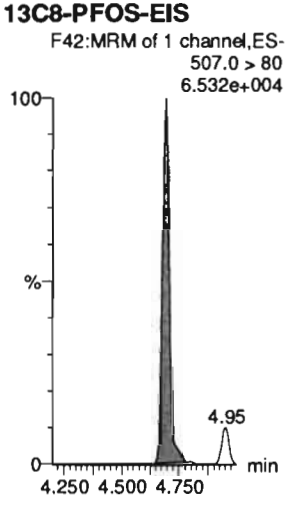
13C2-PFOA-EIS



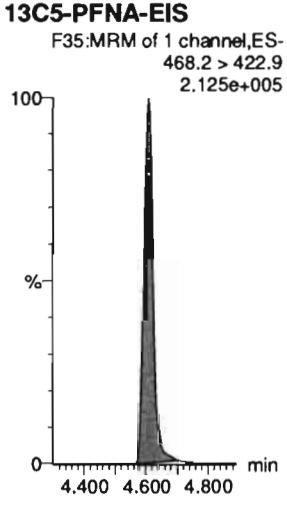
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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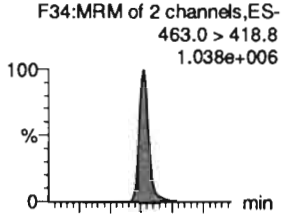
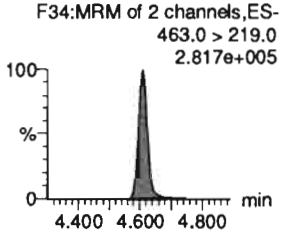
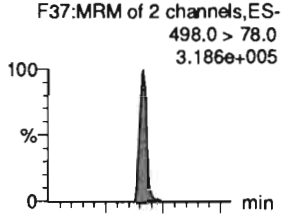
Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

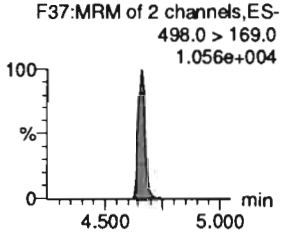
PFNA



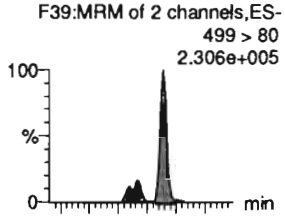


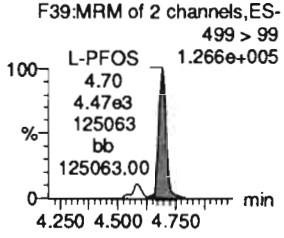
PFOSA



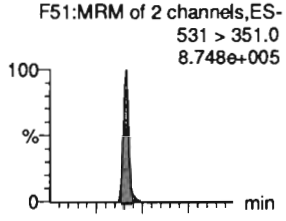


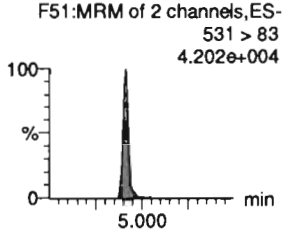
L-PFOS





9Cl-PF30NS





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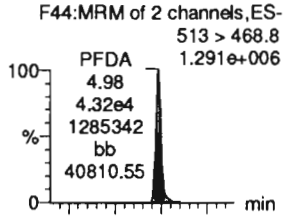
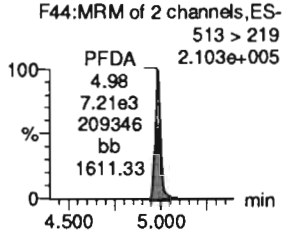
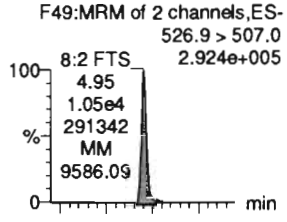
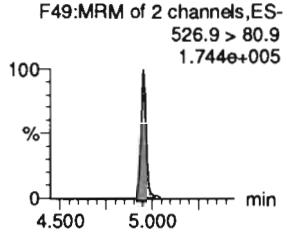


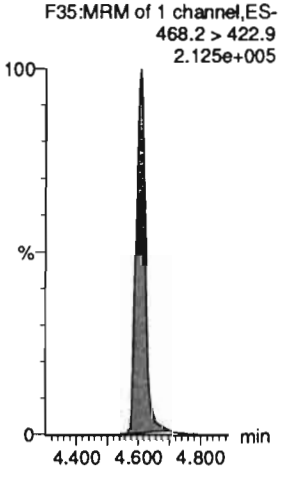


8:2 FTS

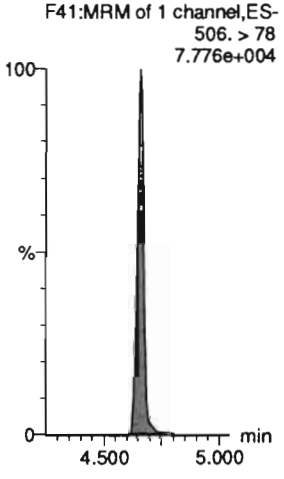




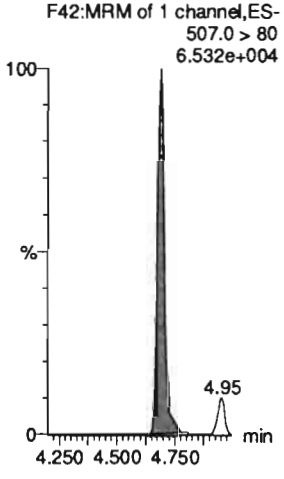
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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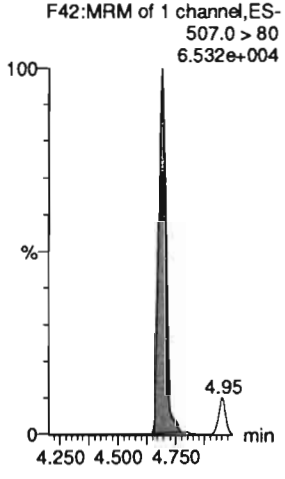

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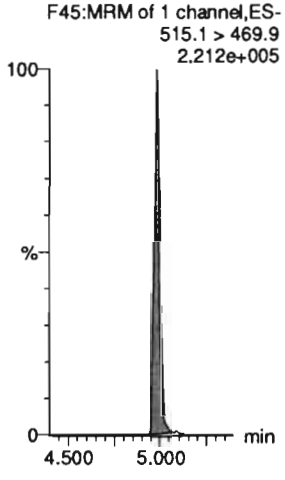
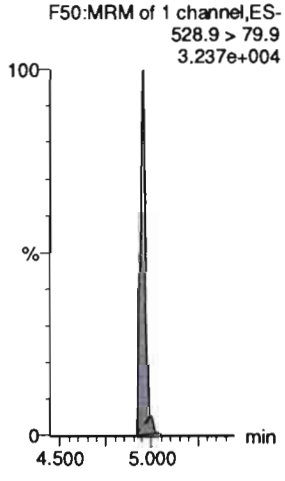


13C2-8:2 FTS-EIS



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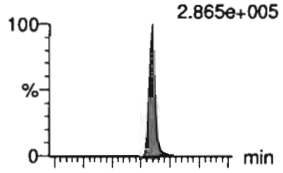
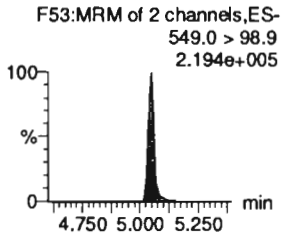
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

PFNS





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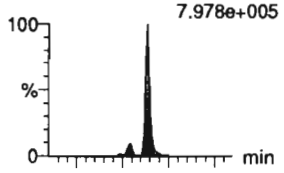

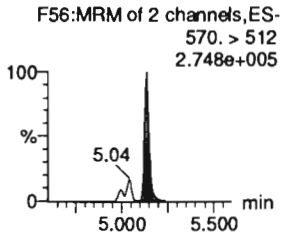

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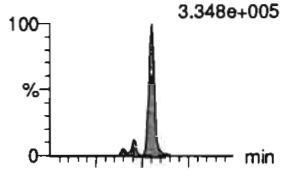
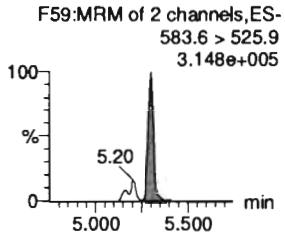
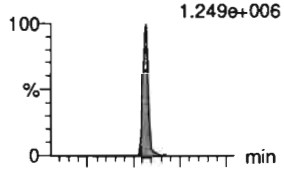
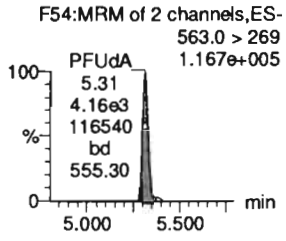




PFUdA





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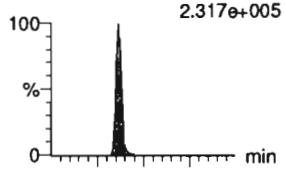
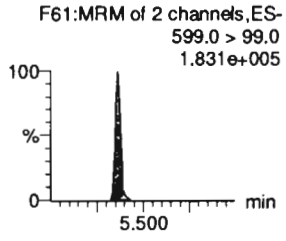
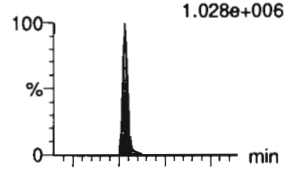
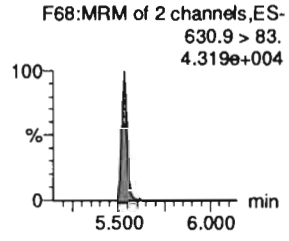


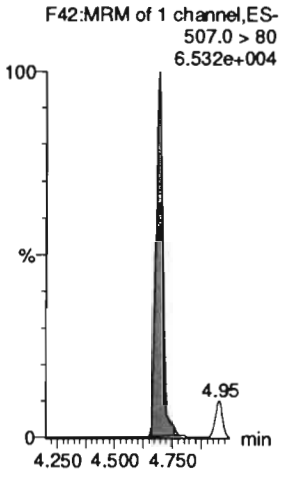


11Cl-PF30UdS

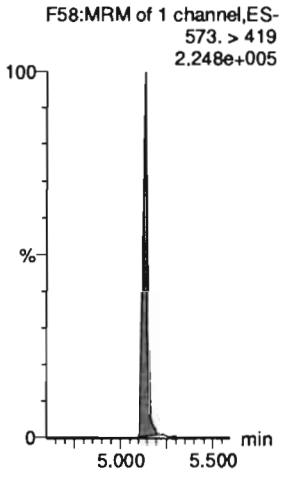




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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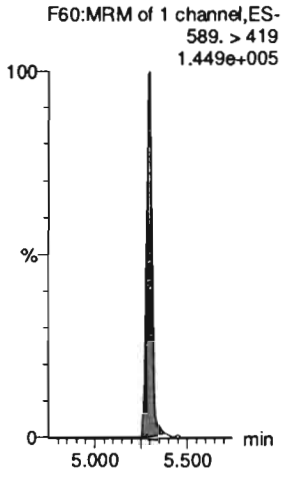
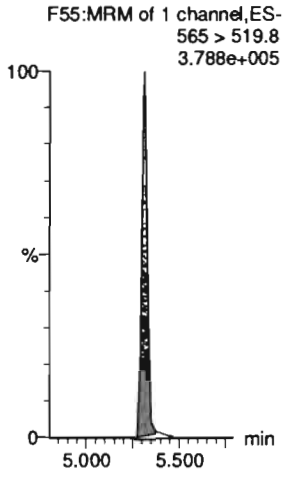
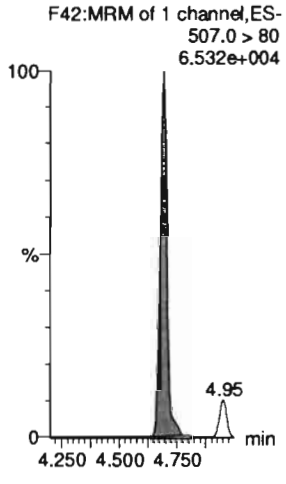


13C2-PFUdA-EIS



13C8-PFOS-EIS



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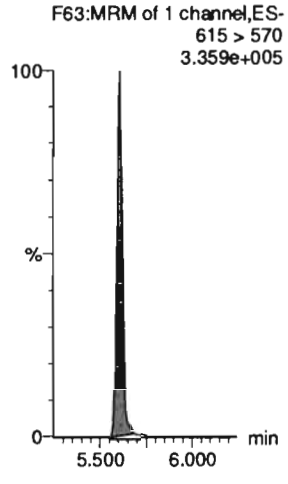

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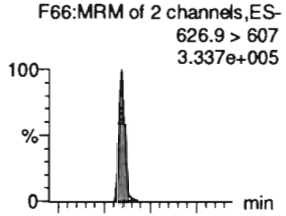
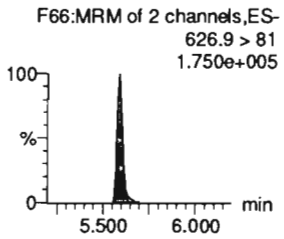
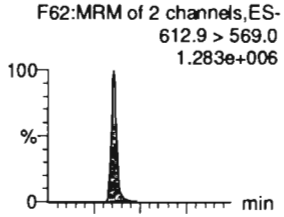
Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

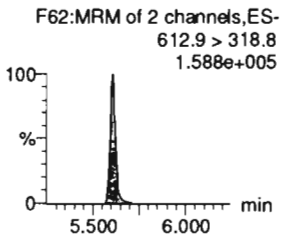
10:2 FTS



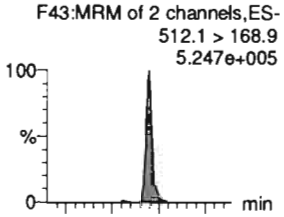


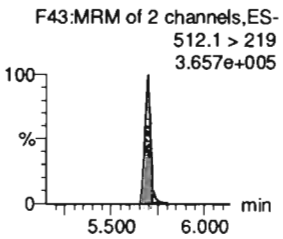
PFDoA





N-MeFOSA





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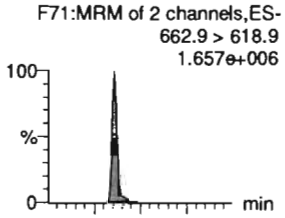

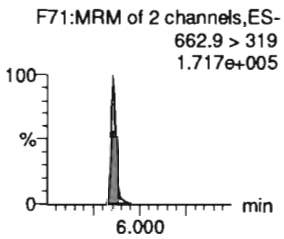

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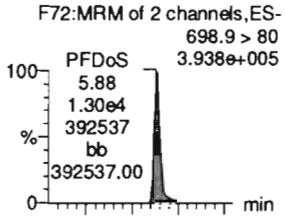

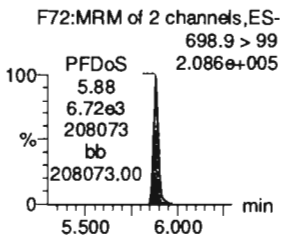

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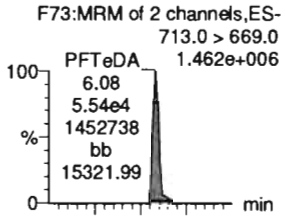
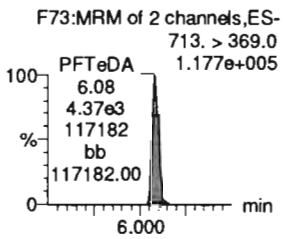
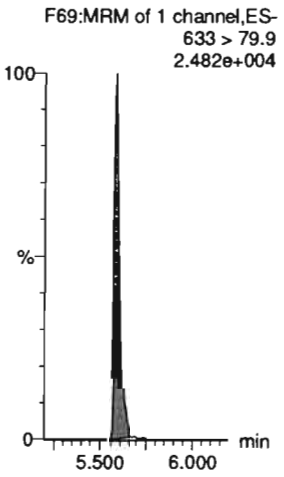
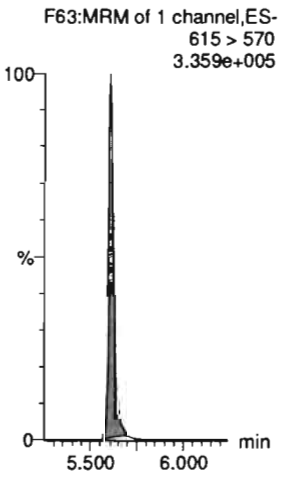




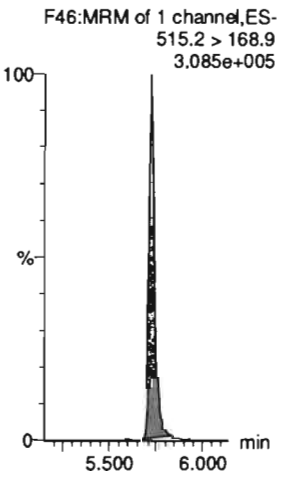
13C2-10:2 FTS-EIS



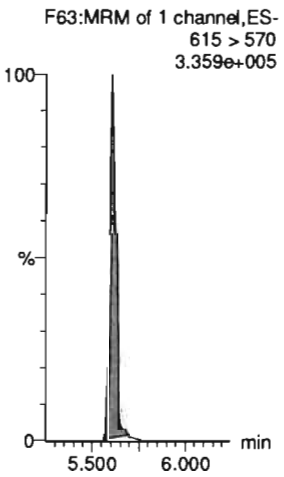
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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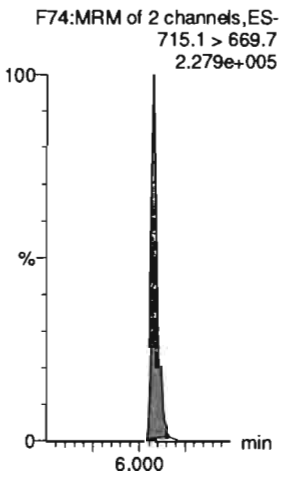

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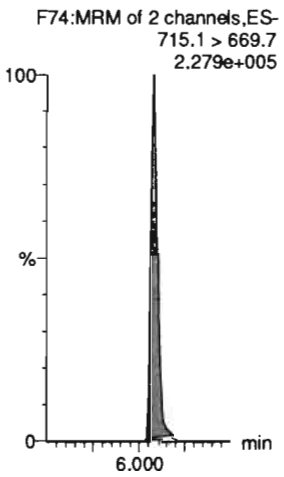

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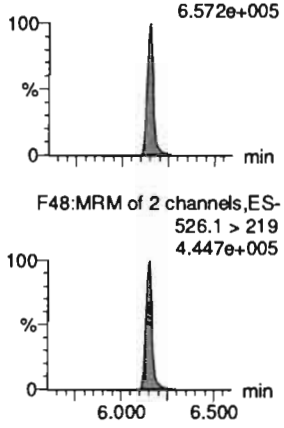
Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

N-EtFOSA



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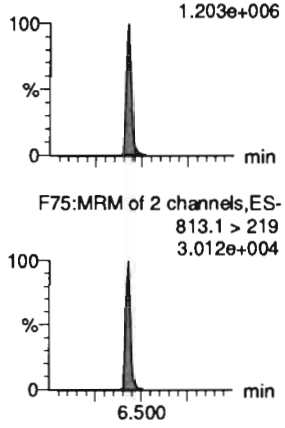
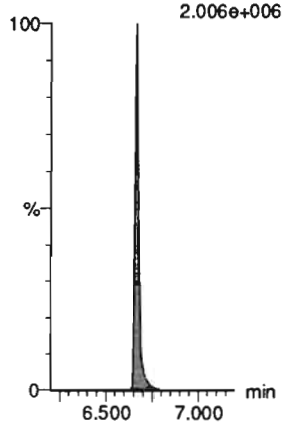
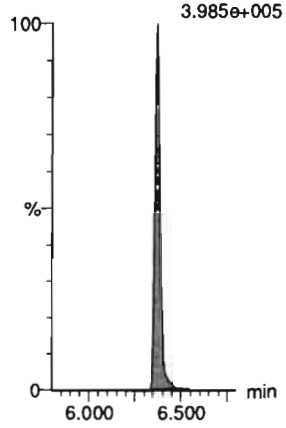


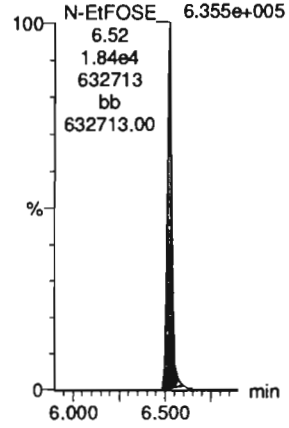
PFODA



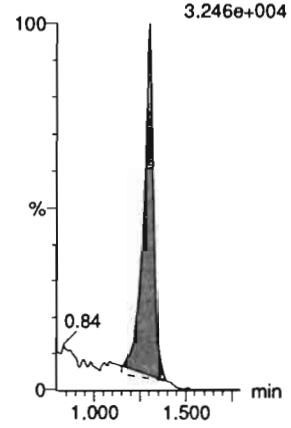
N-MeFOSE



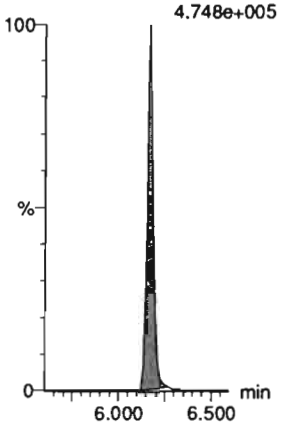
N-EtFOSE



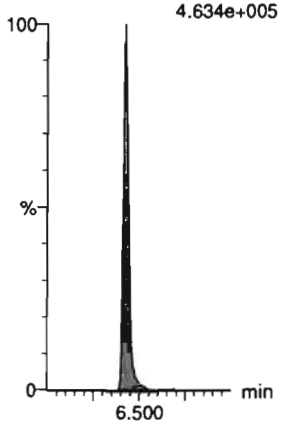
13C3-PFBA-RSD



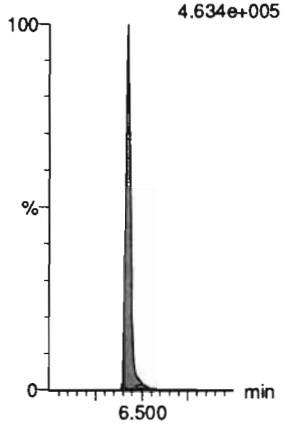
d5-N-ETFOSA-EIS



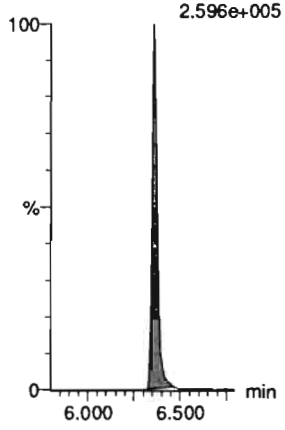
13C2-PFHxDA-EIS



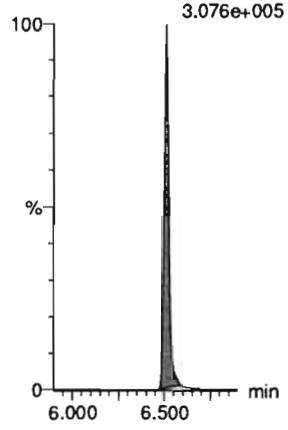
13C2-PFHxDA-EIS



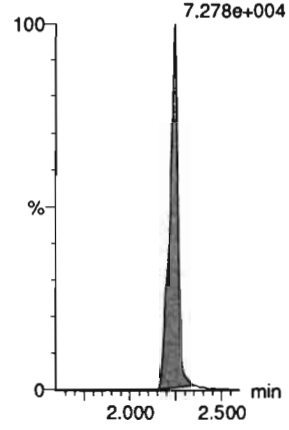
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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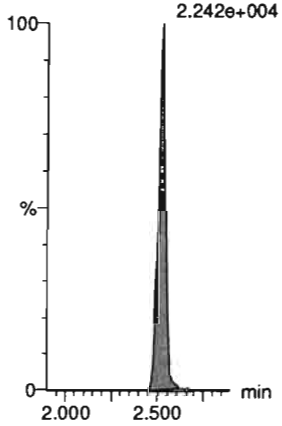
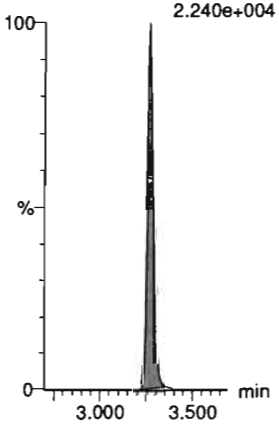
Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

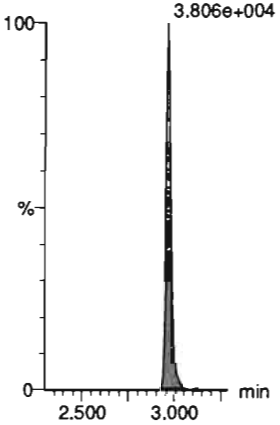
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.242e+004



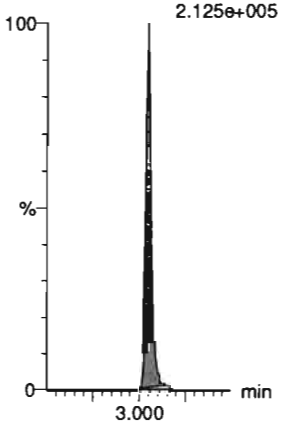
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.240e+004



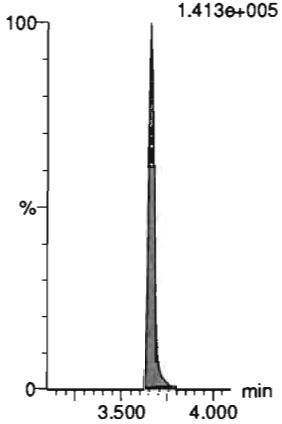
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.806e+004



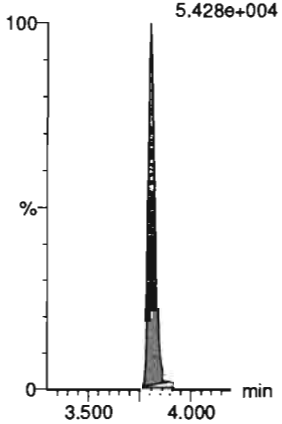
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.125e+005



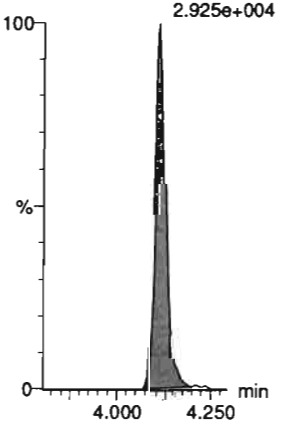
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.413e+005



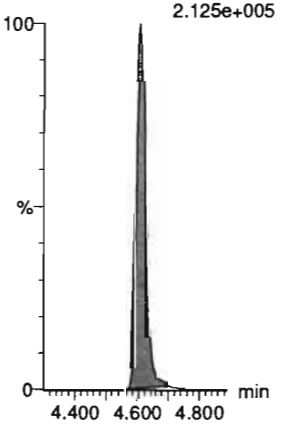
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
5.428e+004



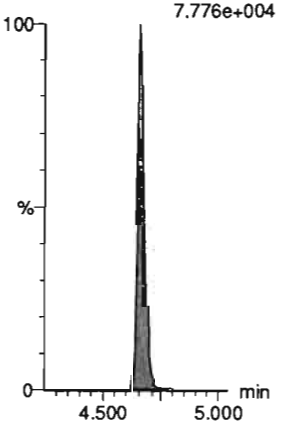
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
2.925e+004



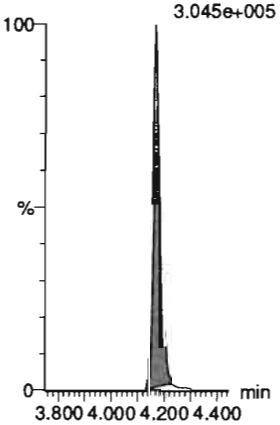
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.125e+005



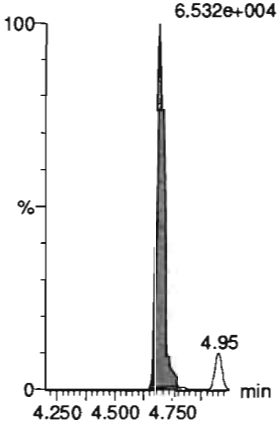
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
7.776e+004



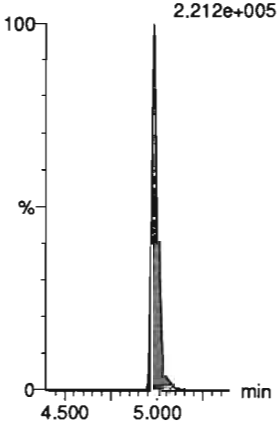
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.045e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
6.532e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.212e+005

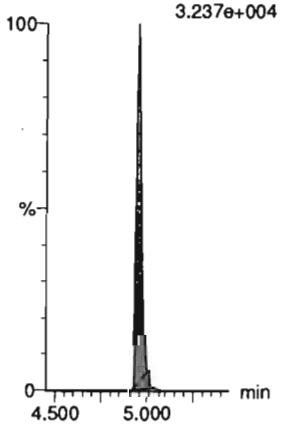


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

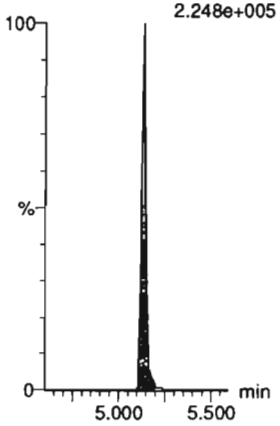
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

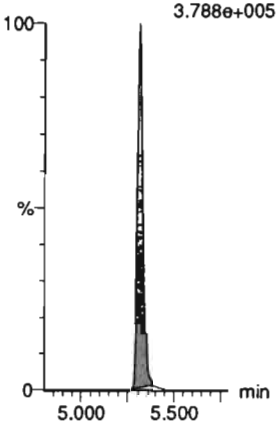
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.237e+004



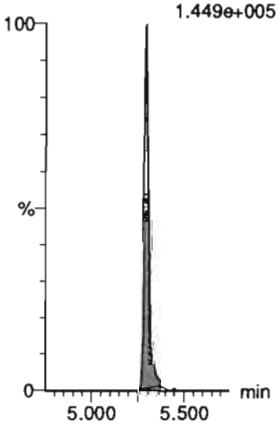
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.248e+005



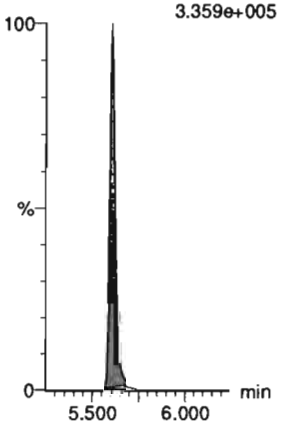
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.788e+005



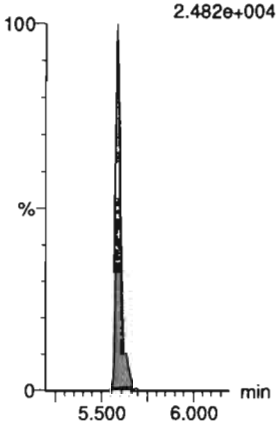
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.449e+005



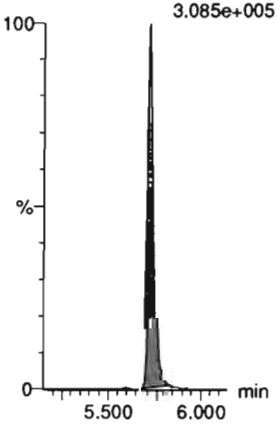
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.359e+005



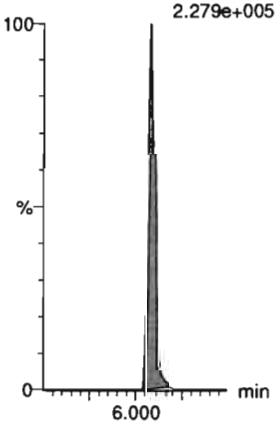
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.482e+004



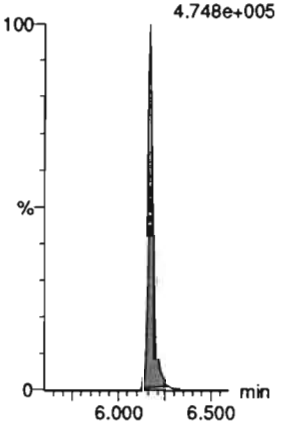
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.085e+005



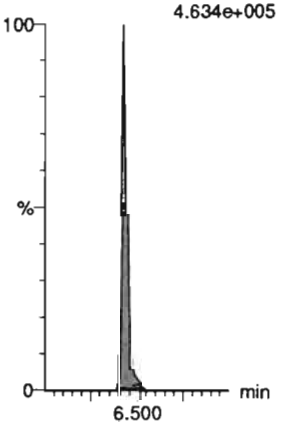
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.279e+005



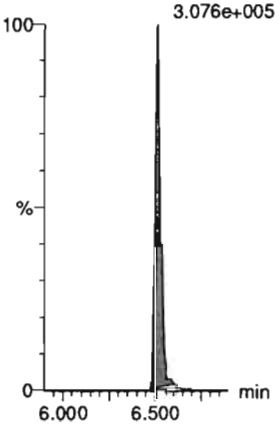
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.748e+005



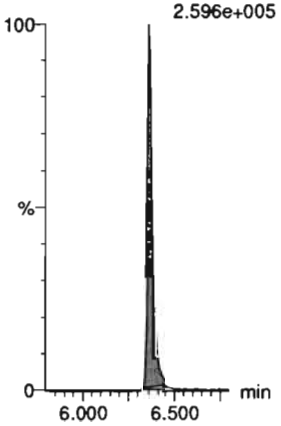
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
4.634e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.076e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.596e+005

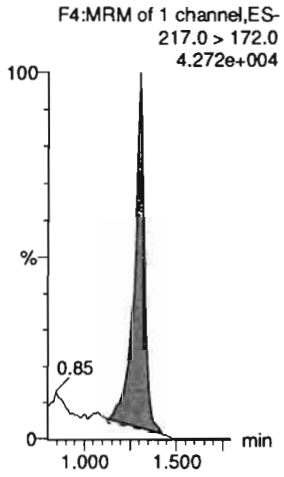


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

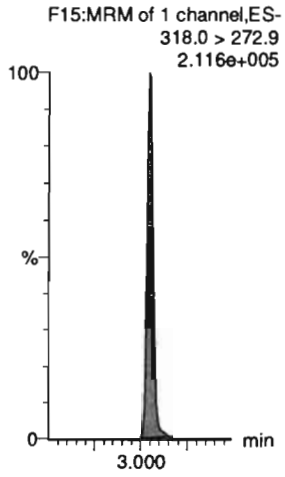
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_9, Date: 02-Jun-2020, Time: 17:39:53, ID: ST200602M2-7 PFC CS4 20E2707, Description: PFC CS4 20E2707

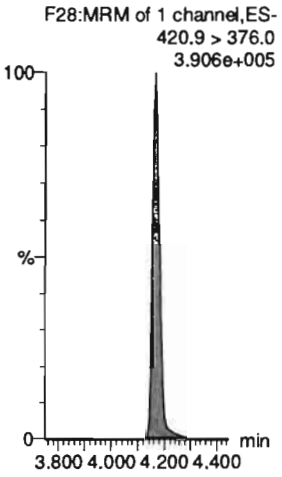
13C4-PFBA



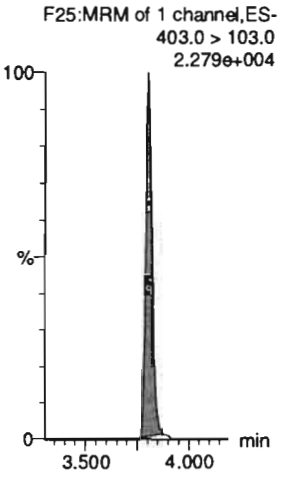
13C5-PFHxA



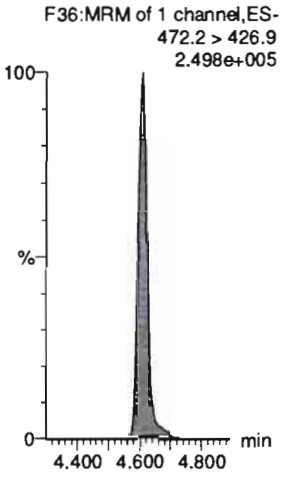
13C8-PFOA



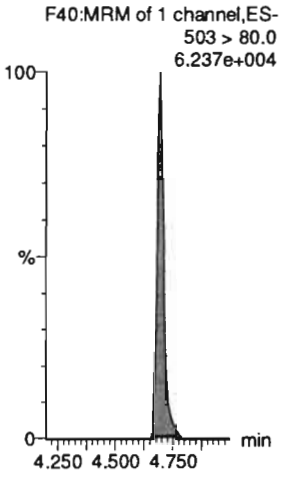
18O2-PFHxS



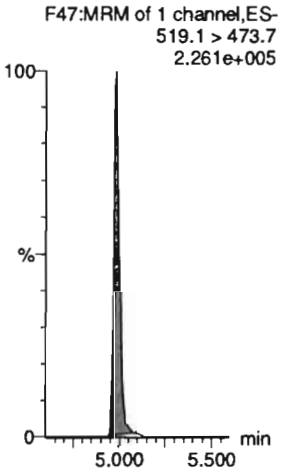
13C9-PFNA



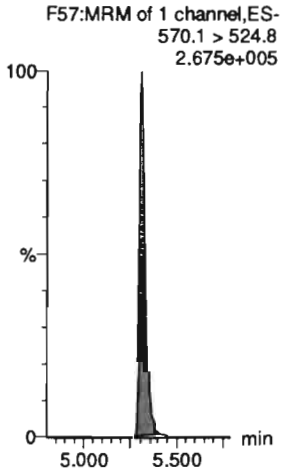
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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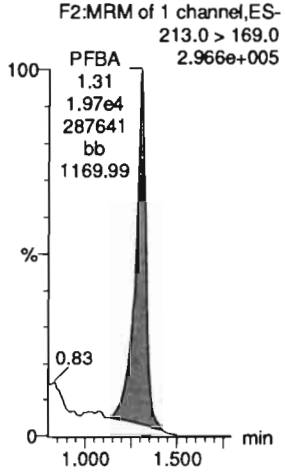
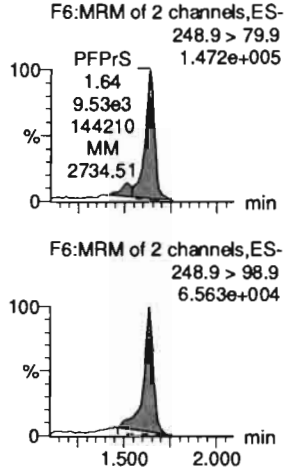
Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

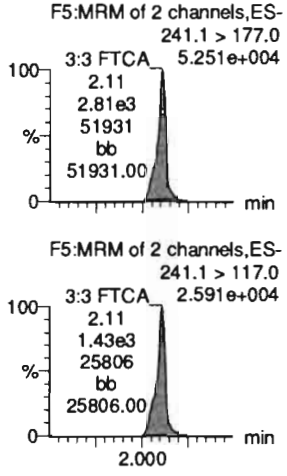
PFBA



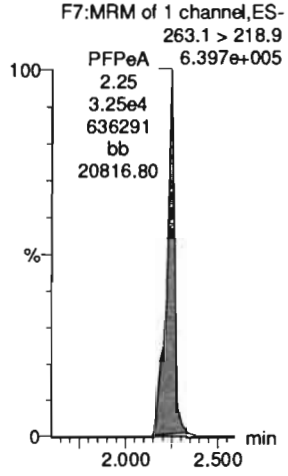
PFPrS



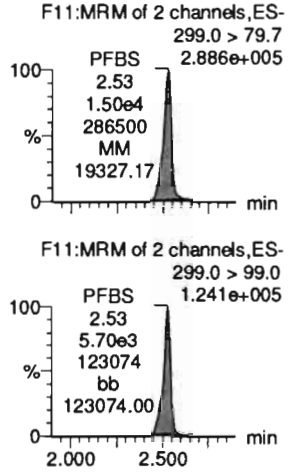
3:3 FTCA



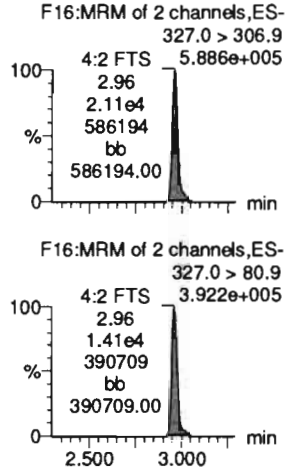
PFPeA



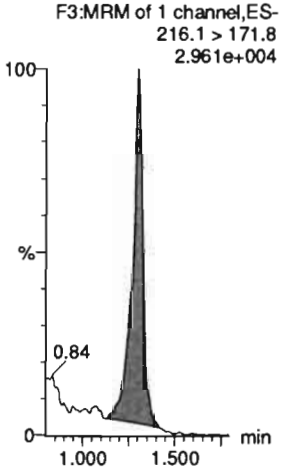
PFBS



4:2 FTS



13C3-PFBA-EIS



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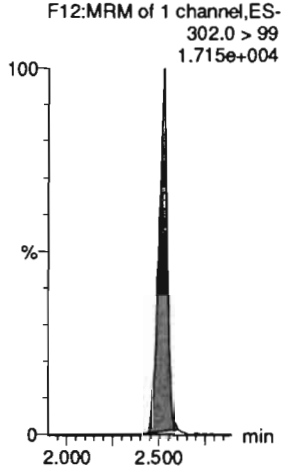

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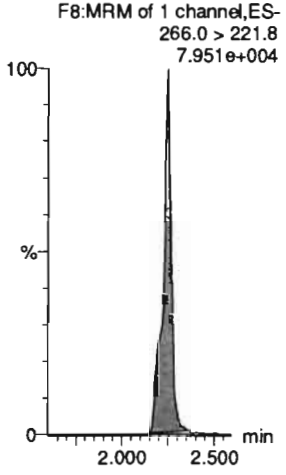

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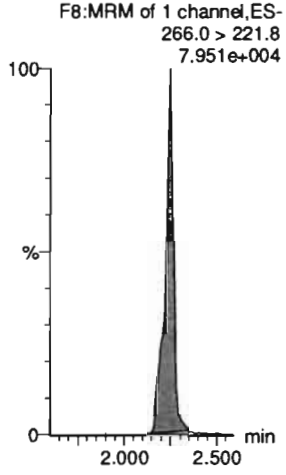

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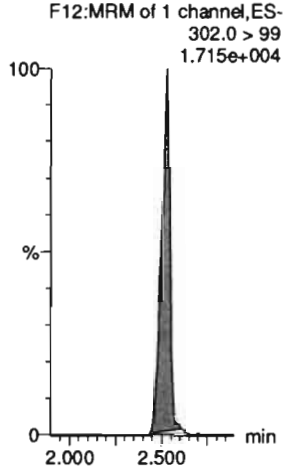
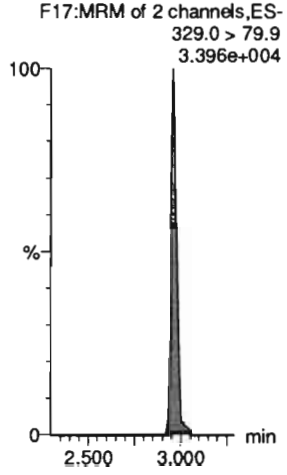


13C2-4:2 FTS-EIS



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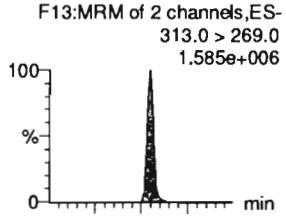
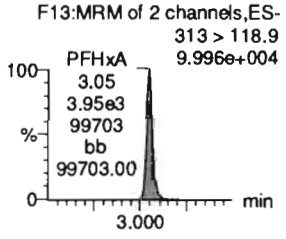
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

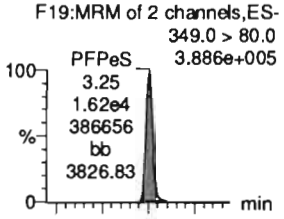
Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

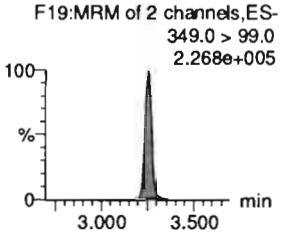
PFHxA





PFPeS





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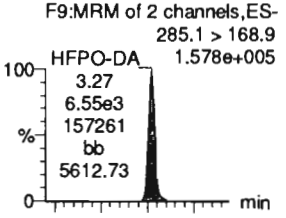
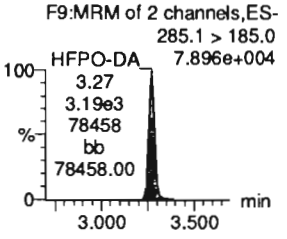
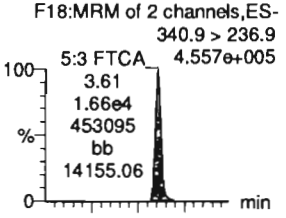
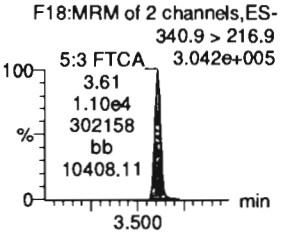




5:3 FTCA





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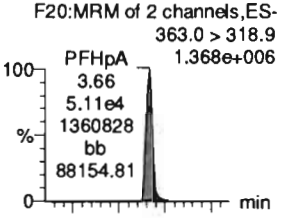

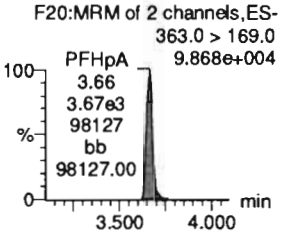

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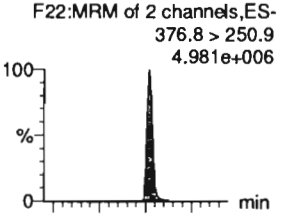
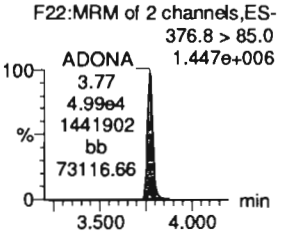
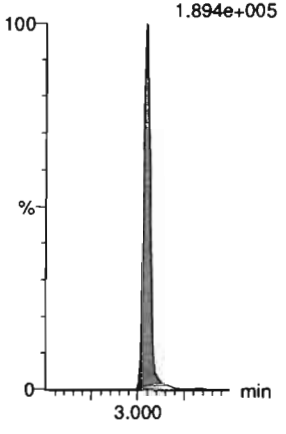
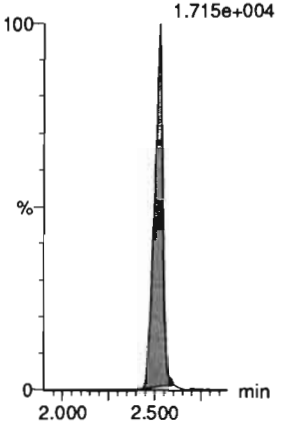




13C2-PFHxA-EIS



13C3-PFBS-EIS



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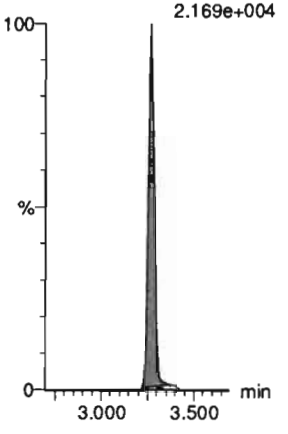
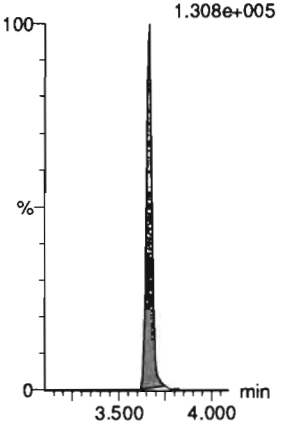


13C4-PFHpA-EIS



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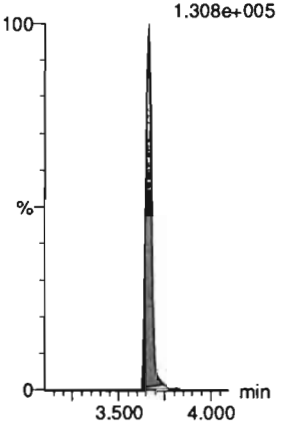

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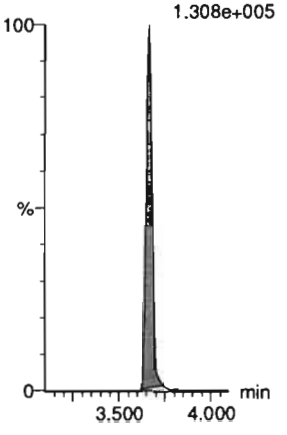

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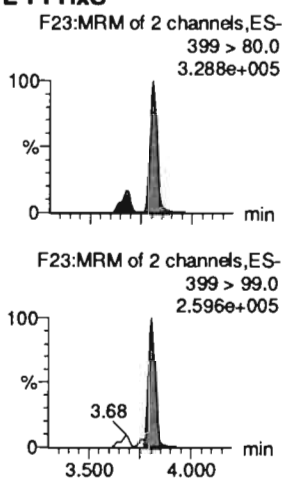
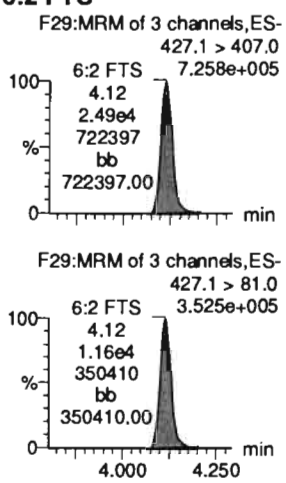
Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

L-PFHxS



6:2 FTS



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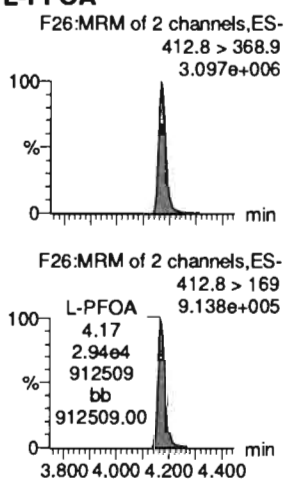

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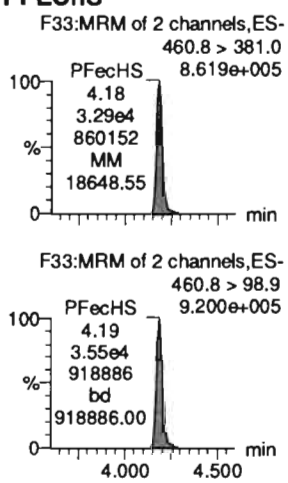

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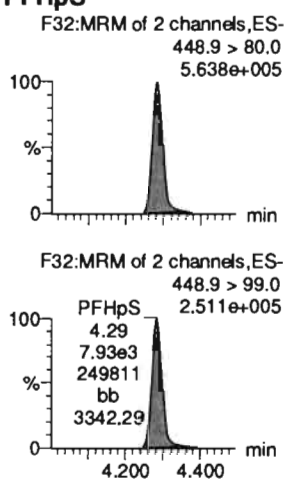
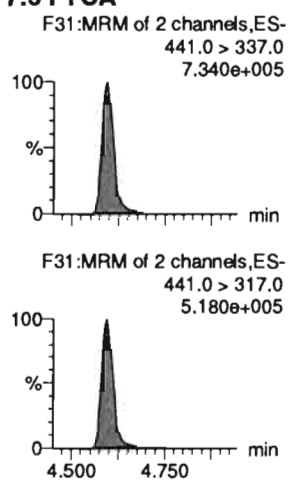
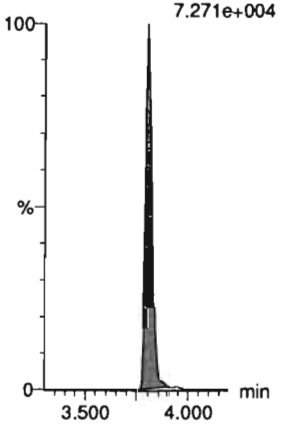


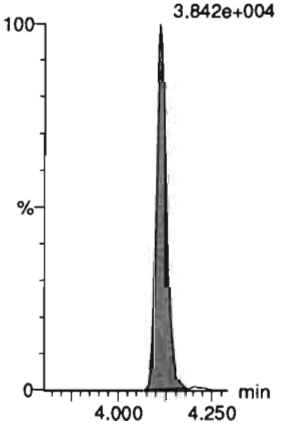
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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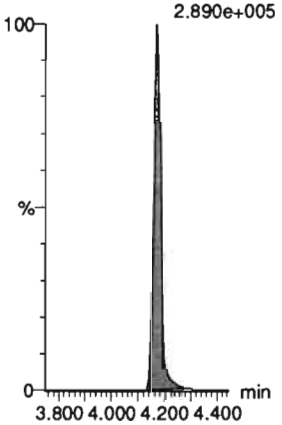

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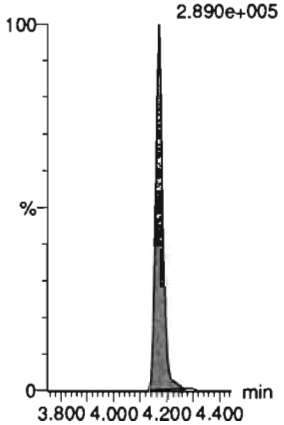
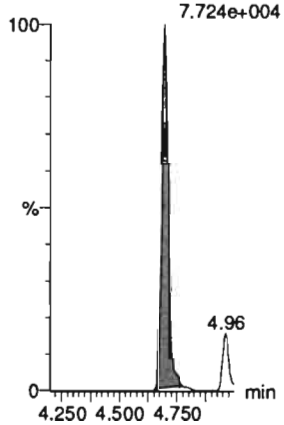
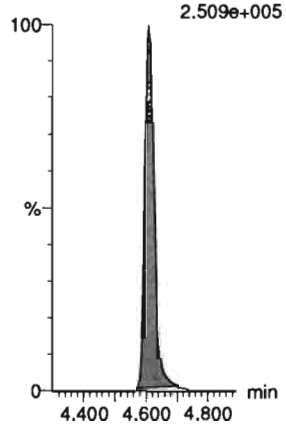


13C8-PFOS-EIS



13C5-PFNA-EIS



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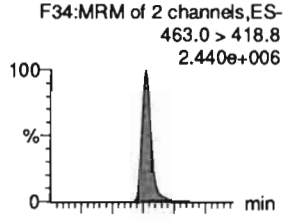
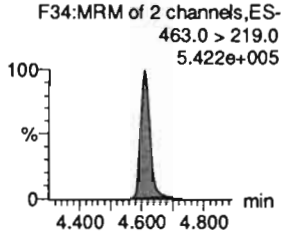
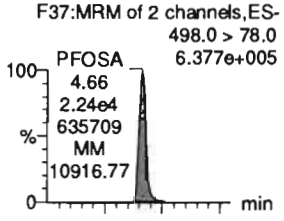
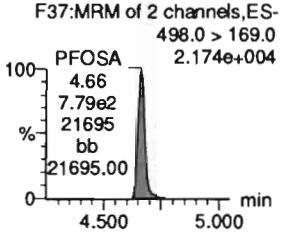
PFNA



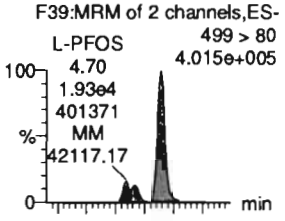


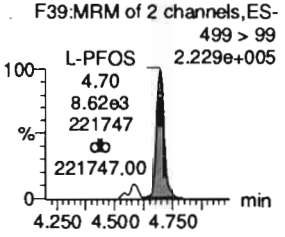
PFOSA





L-PFOS





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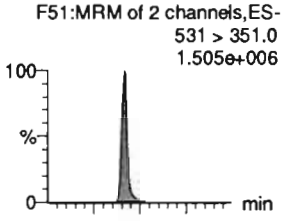

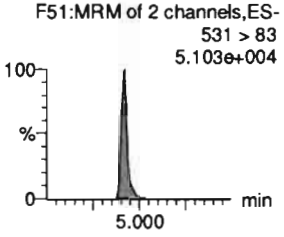

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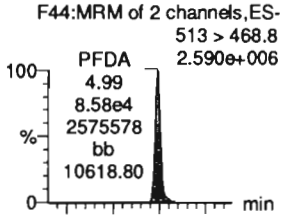
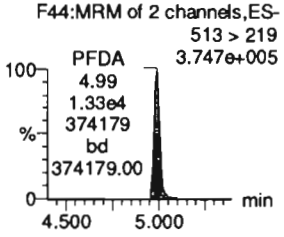
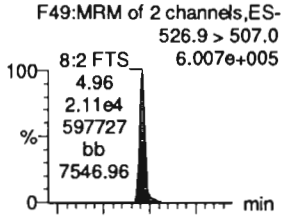
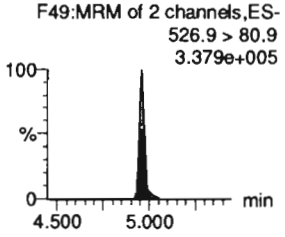


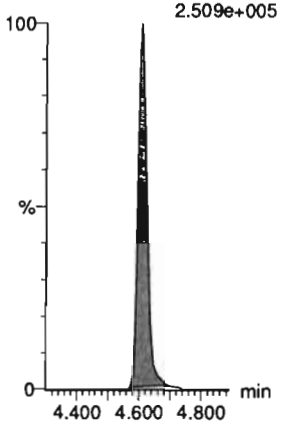


8:2 FTS

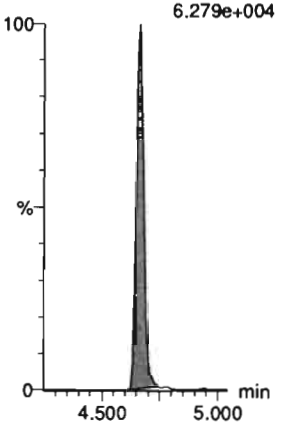




13C5-PFNA-EIS



13C8-PFOSA-EIS



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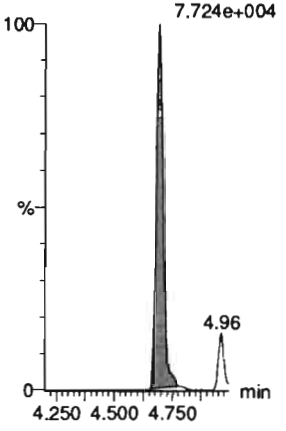

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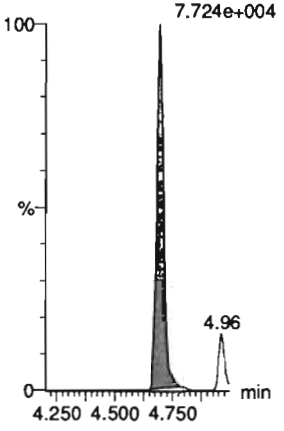
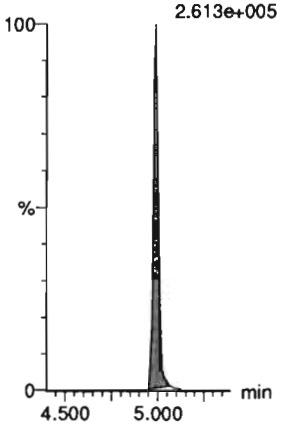
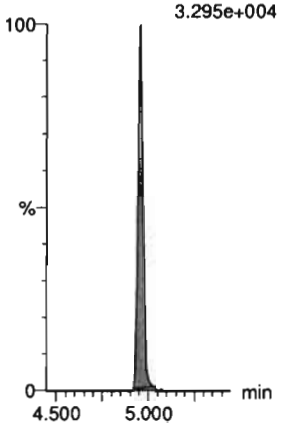


13C2-PFDA-EIS



13C2-8:2 FTS-EIS

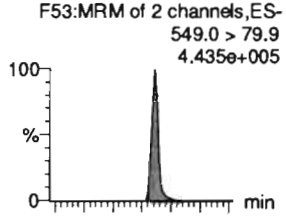


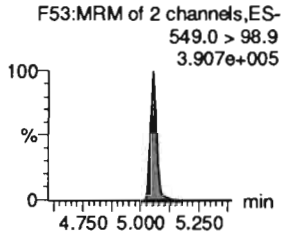
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

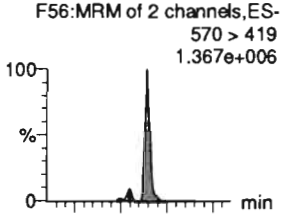
Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

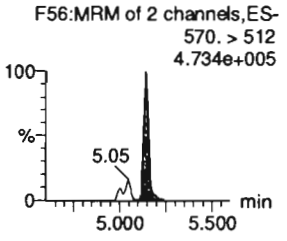
PFNS





L-MeFOSAA





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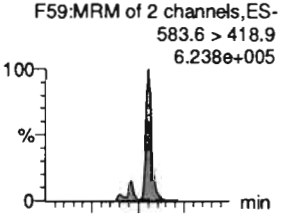
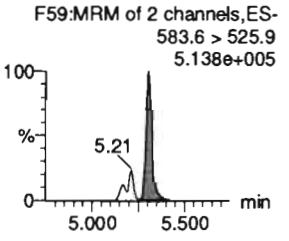
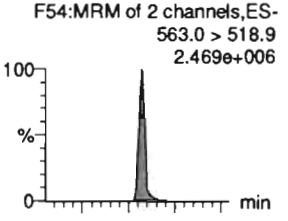
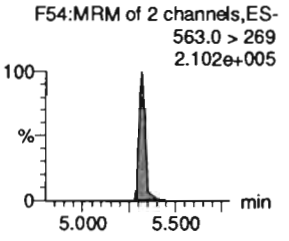


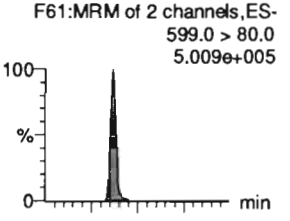


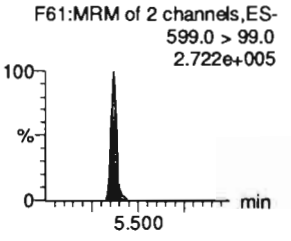
PFUdA





PFDS





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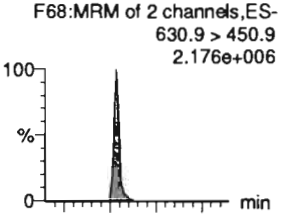
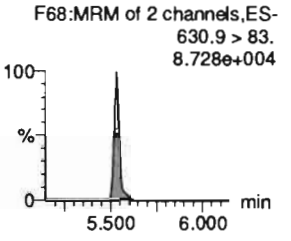
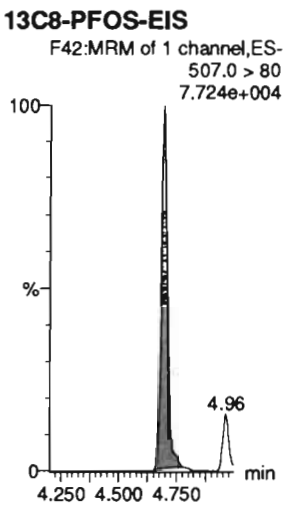
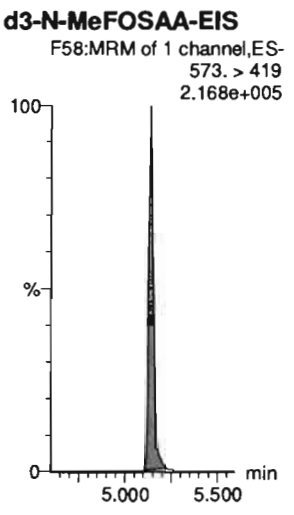




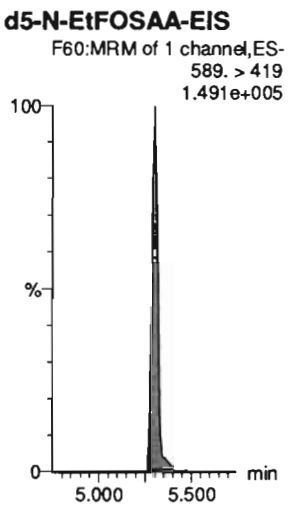
13C8-PFOS-EIS



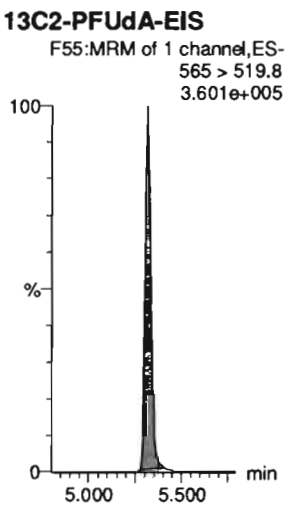
d3-N-MeFOSAA-EIS



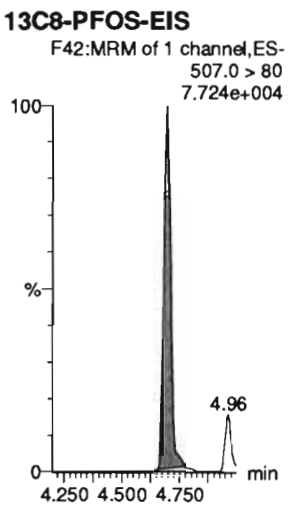
d5-N-EtFOSAA-EIS



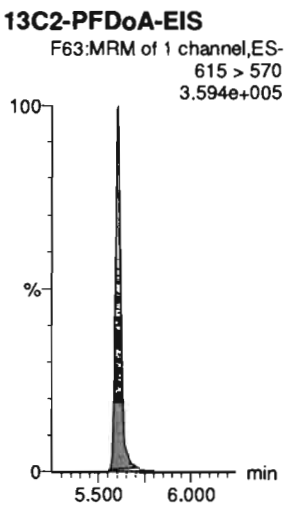
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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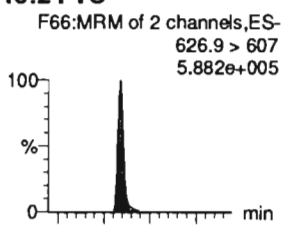
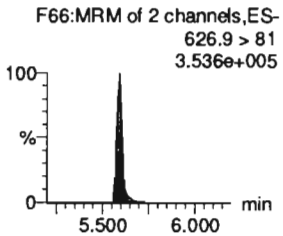
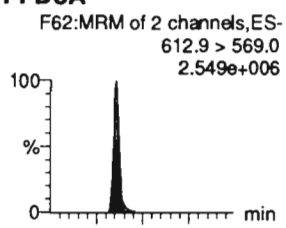
Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

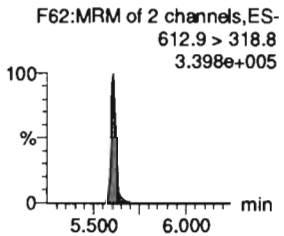
10:2 FTS



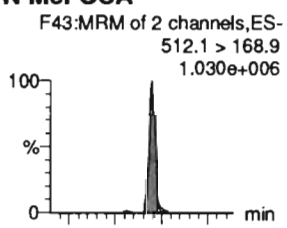


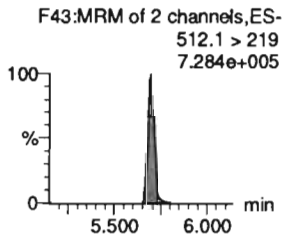
PFDoA





N-MeFOSA





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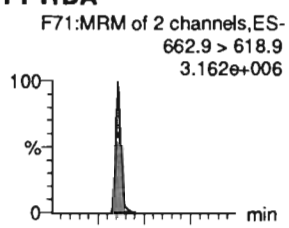
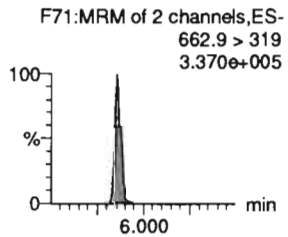
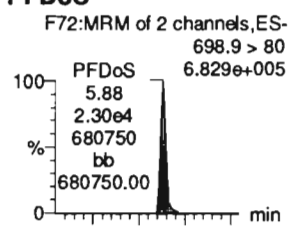
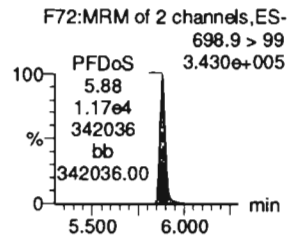




PFDoS





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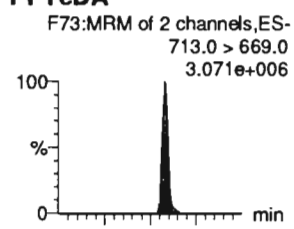
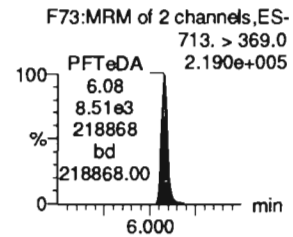
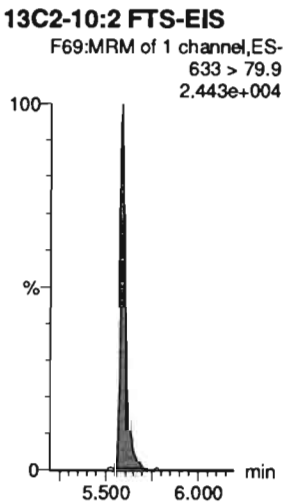
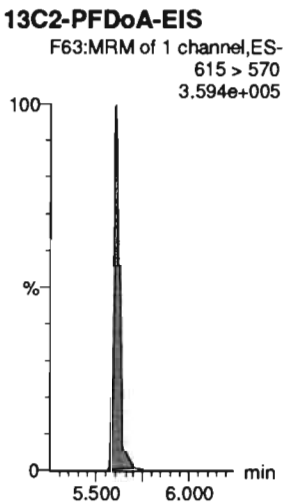




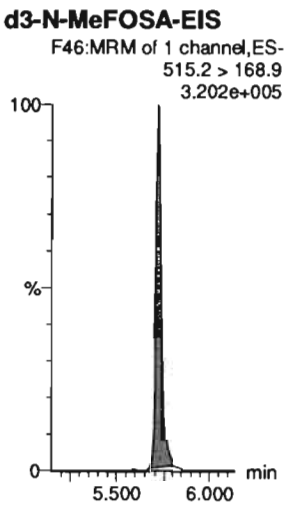
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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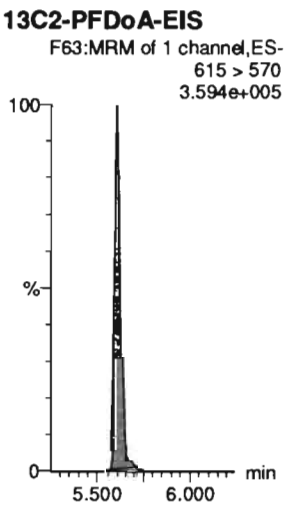

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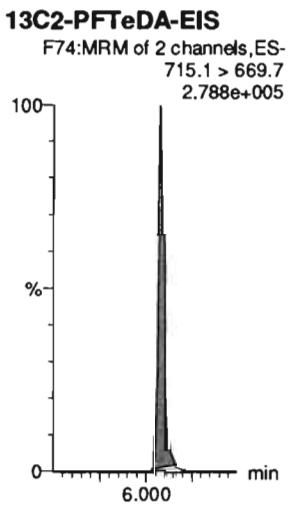

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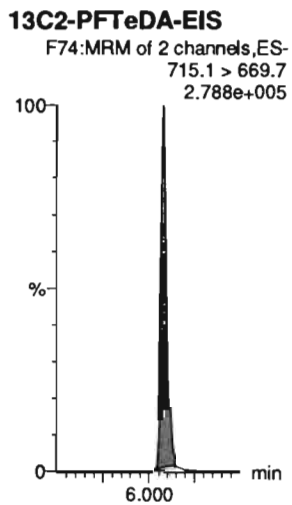

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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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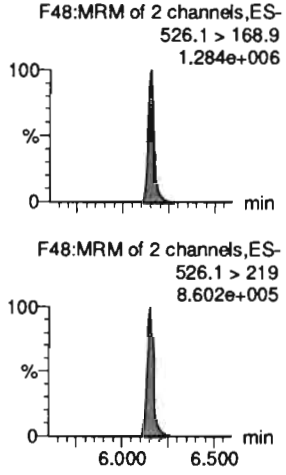
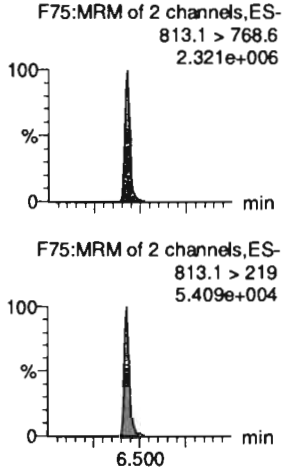
Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

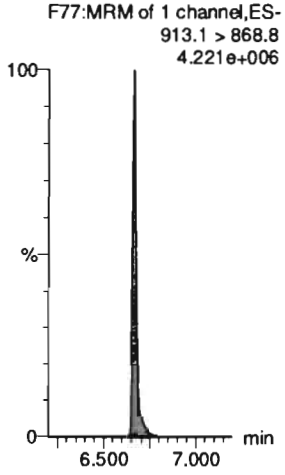
N-EtFOSA



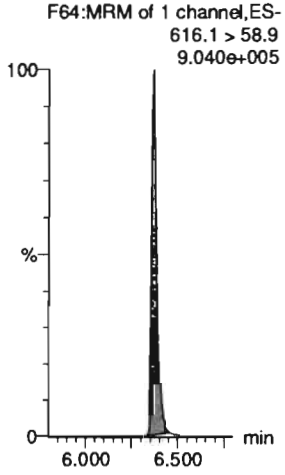
PFHxDA



PFODA



N-MeFOSE



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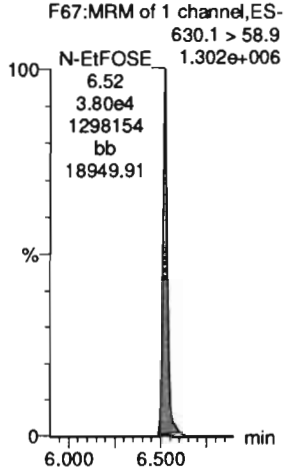
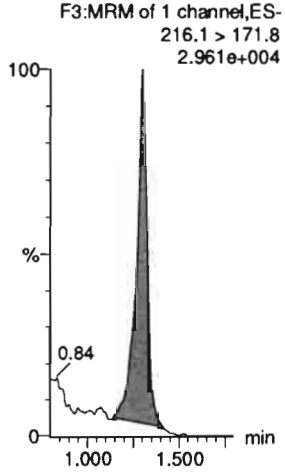
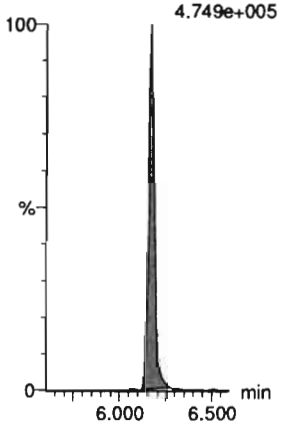


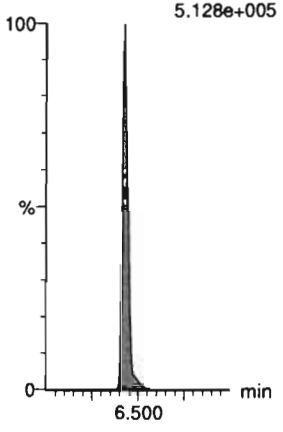
13C3-PFBA-RSD



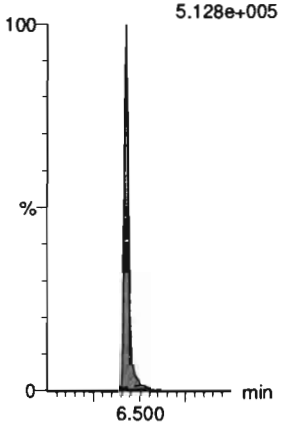
d5-N-ETFOSA-EIS



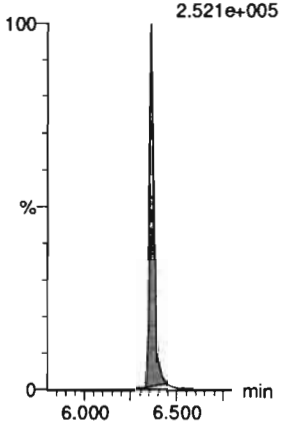
13C2-PFHxDA-EIS



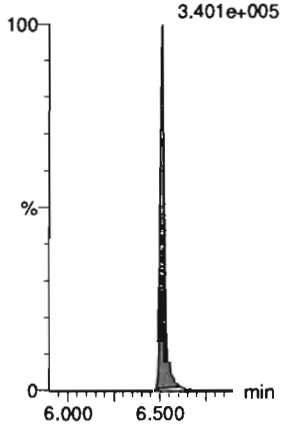
13C2-PFHxDA-EIS



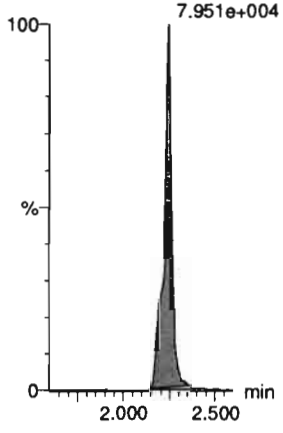
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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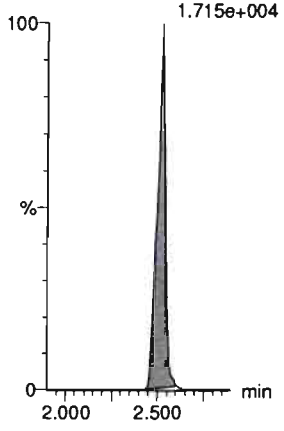
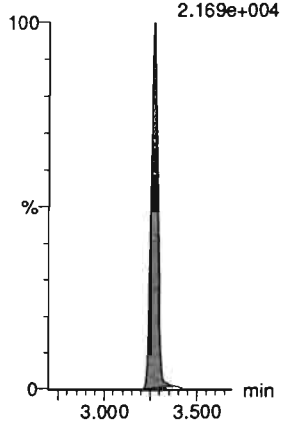
Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

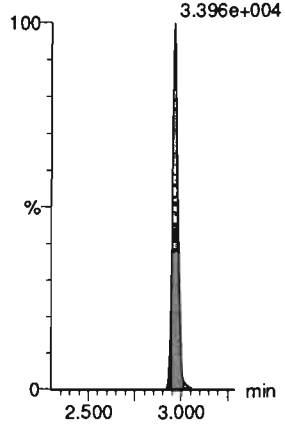
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.715e+004



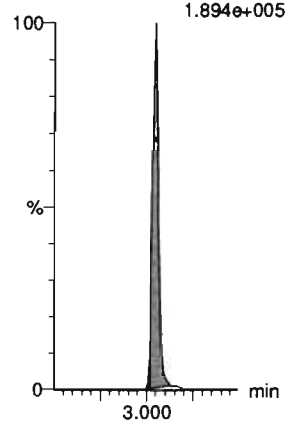
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.169e+004



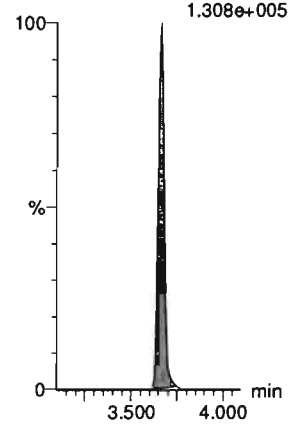
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.396e+004



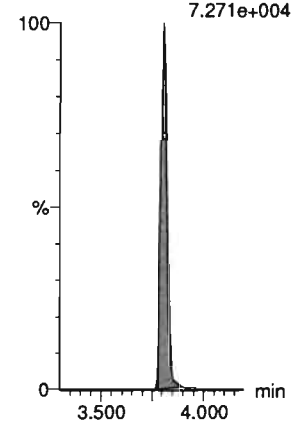
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
1.894e+005



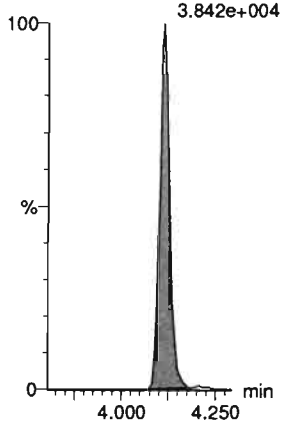
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.308e+005



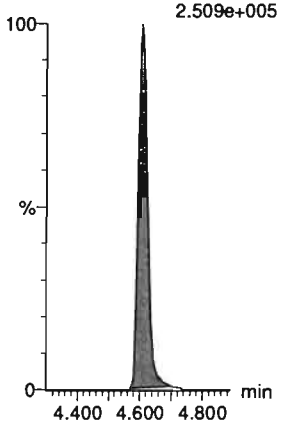
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
7.271e+004



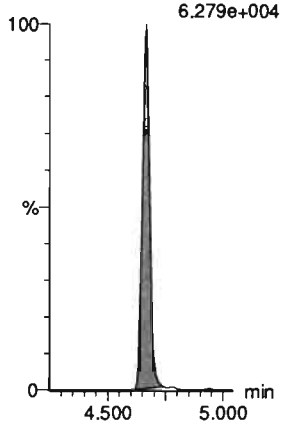
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.842e+004



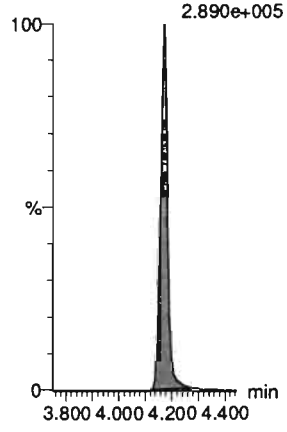
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.509e+005



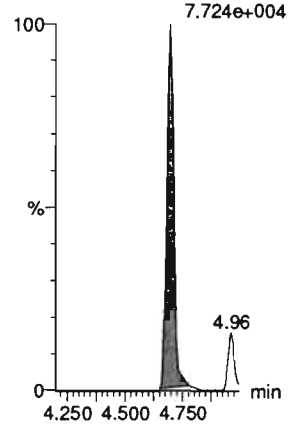
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
6.279e+004



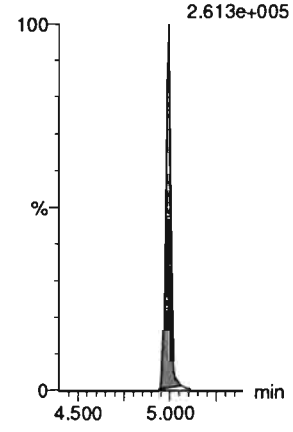
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.890e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
7.724e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.613e+005

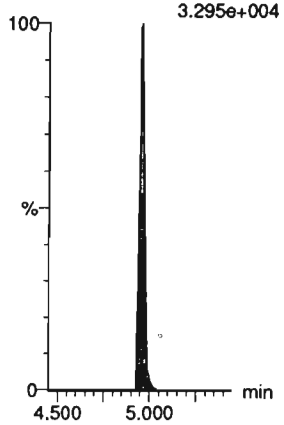


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

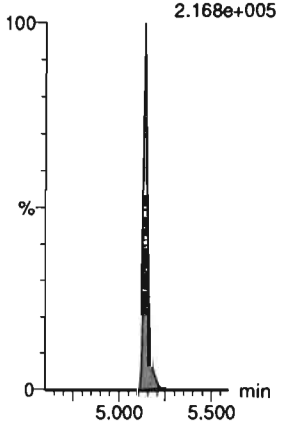
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

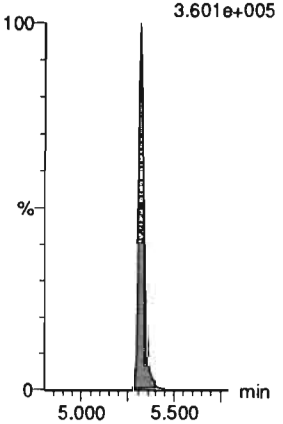
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.295e+004



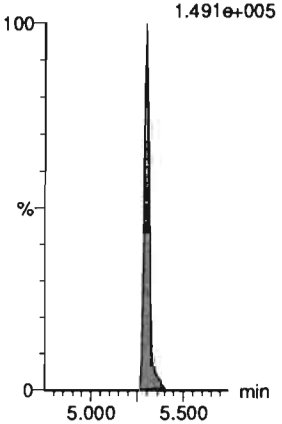
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.168e+005



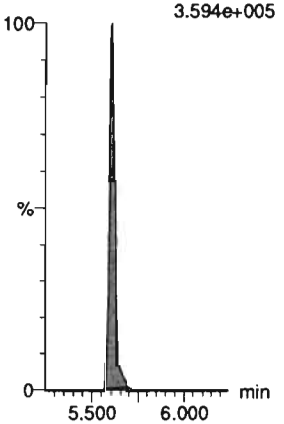
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.601e+005



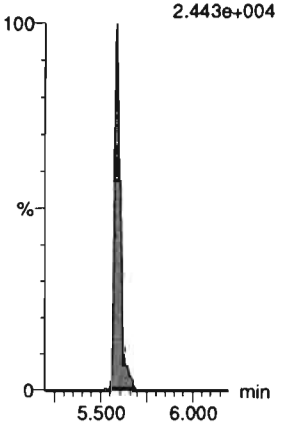
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.491e+005



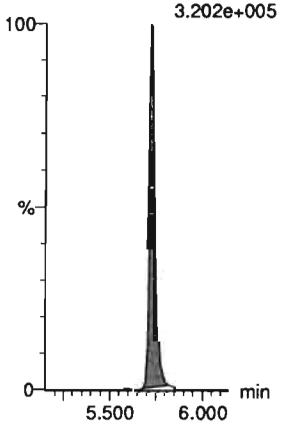
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.594e+005



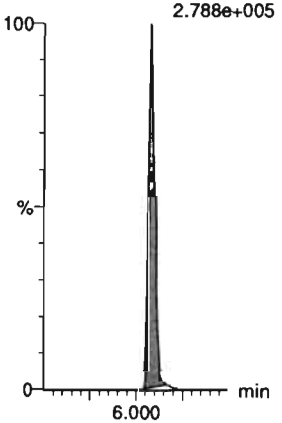
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.443e+004



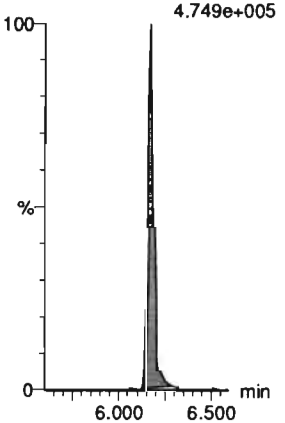
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.202e+005



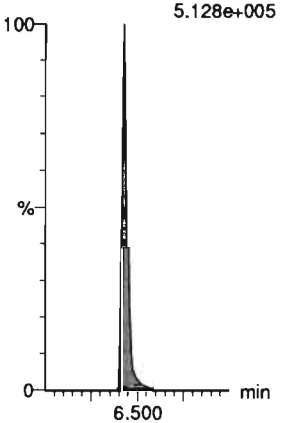
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.788e+005



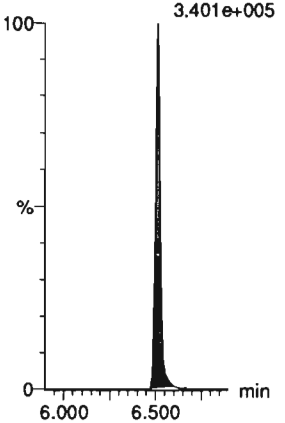
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.749e+005



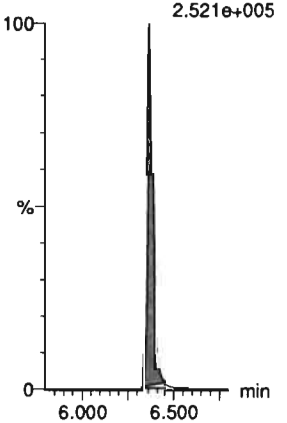
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.128e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.401e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.521e+005



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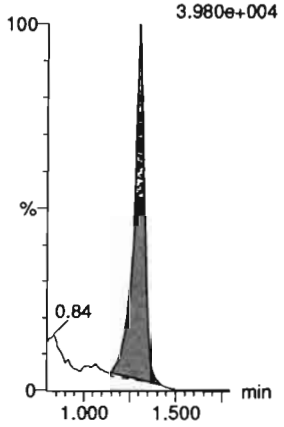
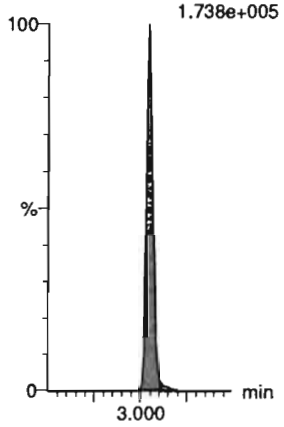
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_10, Date: 02-Jun-2020, Time: 17:50:15, ID: ST200602M2-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

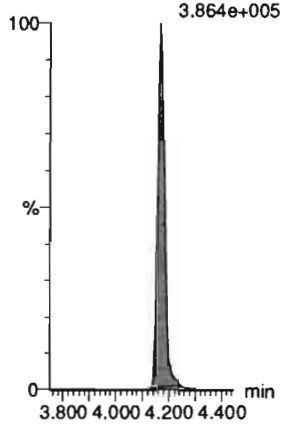
13C4-PFBA



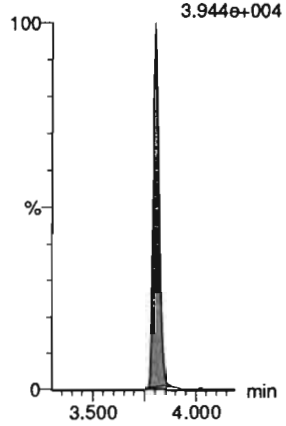
13C5-PFHxA



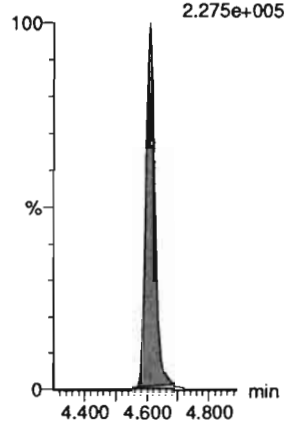
13C8-PFOA



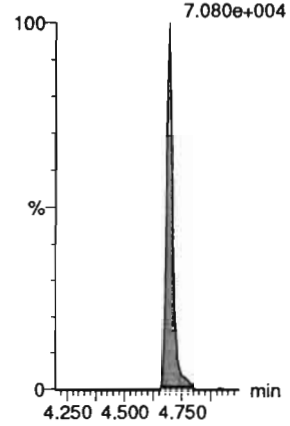
18O2-PFHxS



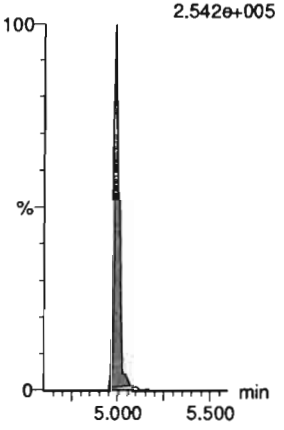
13C9-PFNA



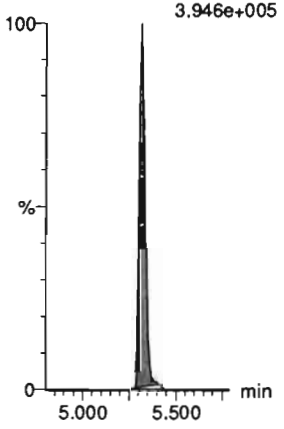
13C4-PFOS



13C6-PFDA



13C7-PFUdA

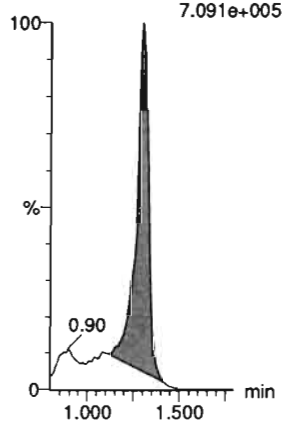


Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

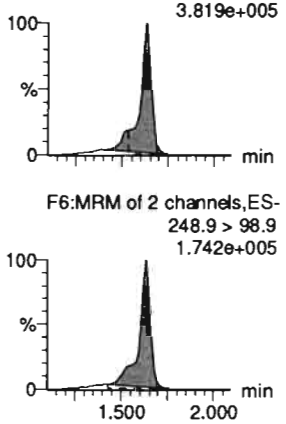
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

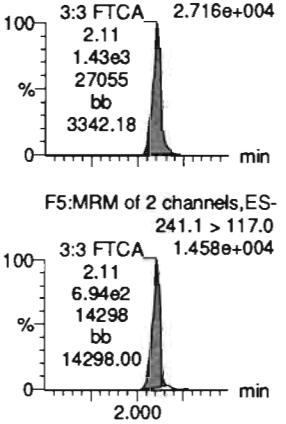
PFBA



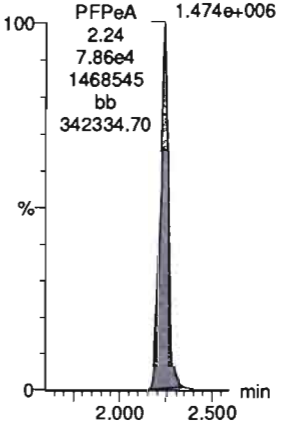
PFPrS



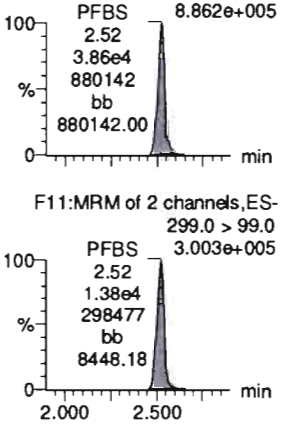
3:3 FTCA



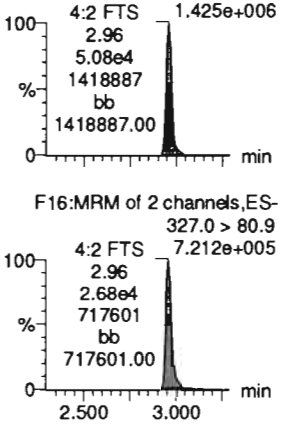
PFPeA



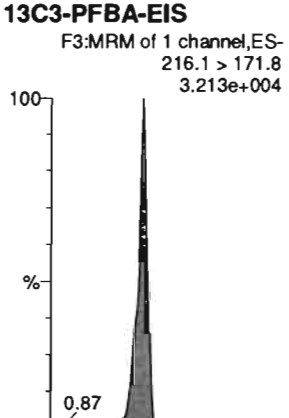
PFBS



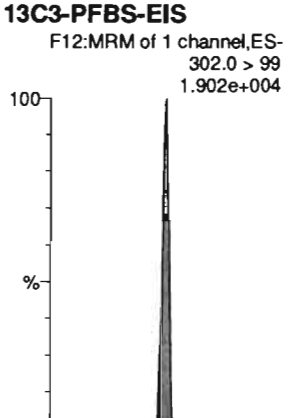
4:2 FTS



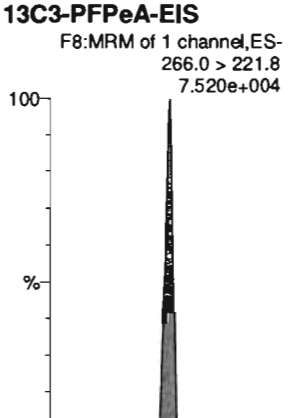
13C3-PFBA-EIS



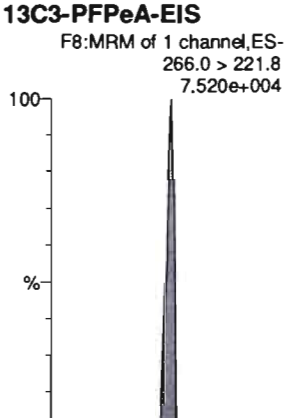
13C3-PFBS-EIS



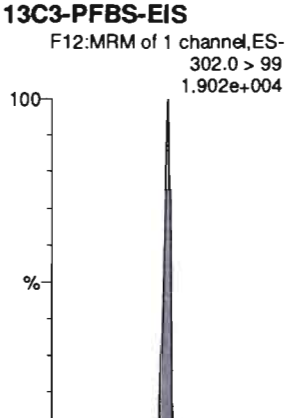
13C3-PFPeA-EIS



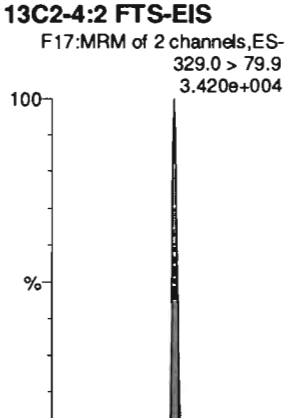
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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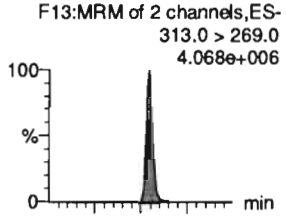
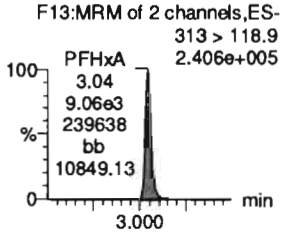
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

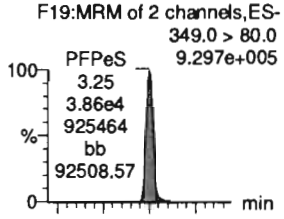
Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

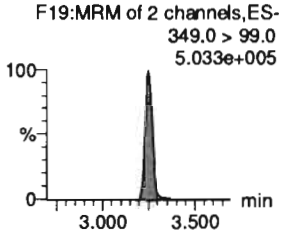
PFHxA



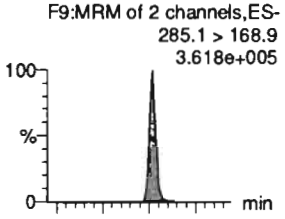


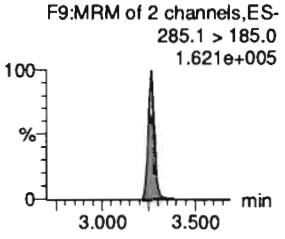
PFPeS



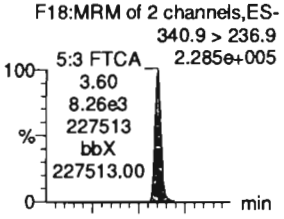


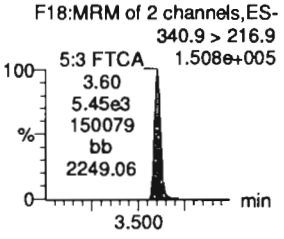
HFPO-DA



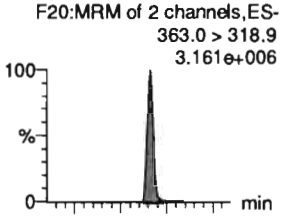


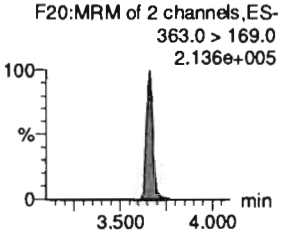
5:3 FTCA



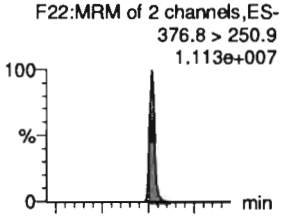


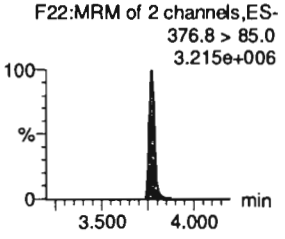
PFHpA



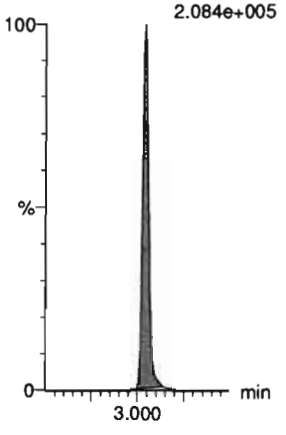


ADONA

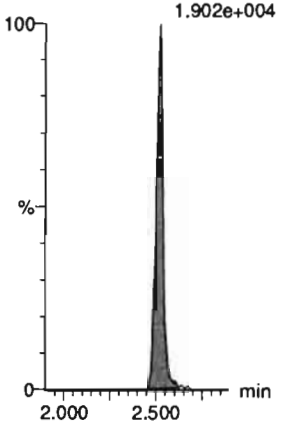




13C2-PFHxA-EIS



13C3-PFBS-EIS



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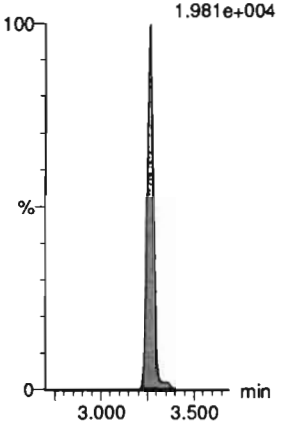
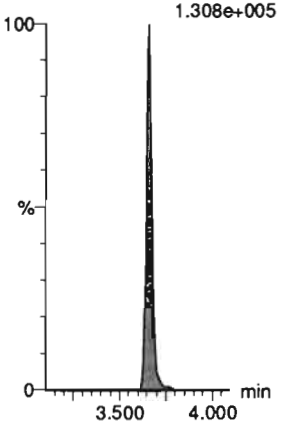


13C4-PFHpA-EIS



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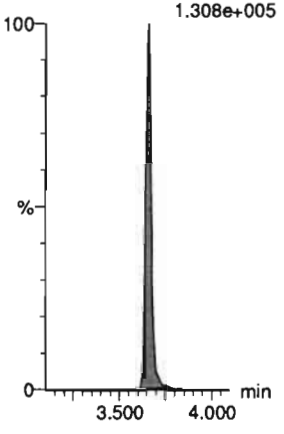

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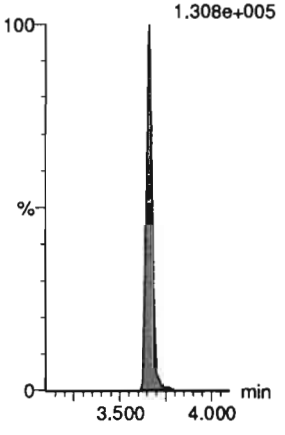

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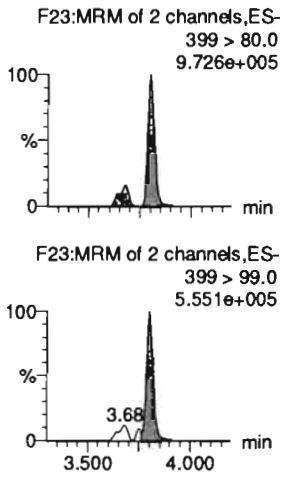
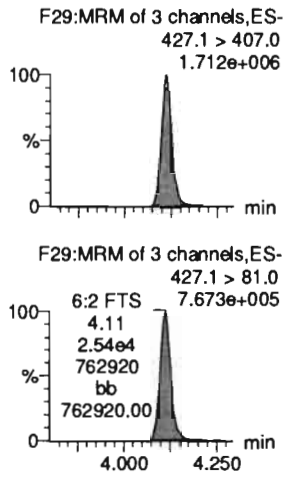
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

L-PFHxS



6:2 FTS



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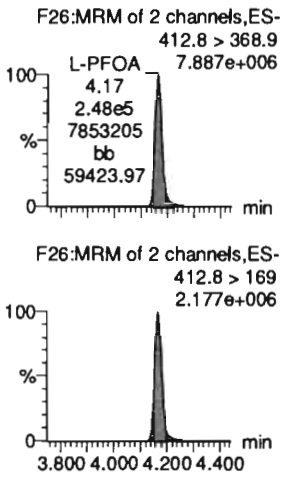
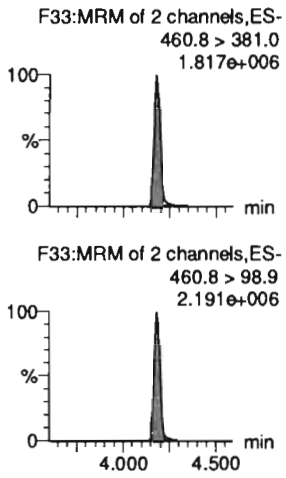


PFEChS



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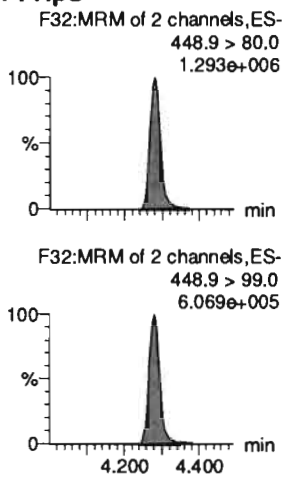
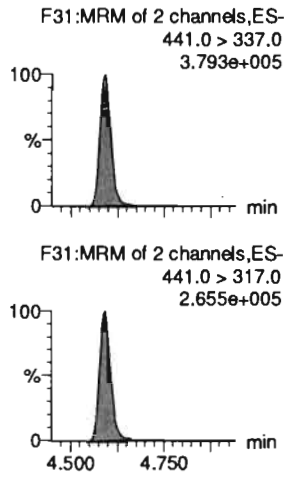


7:3 FTCA



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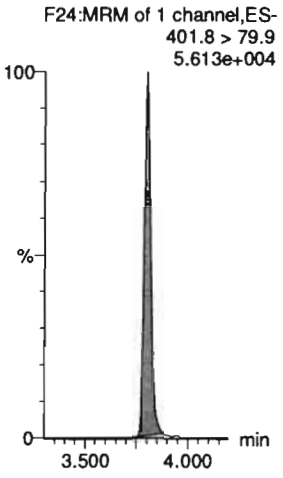
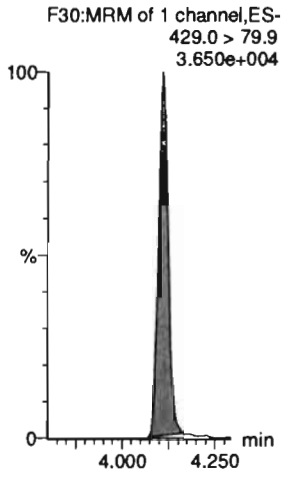


13C2-6:2 FTS-EIS



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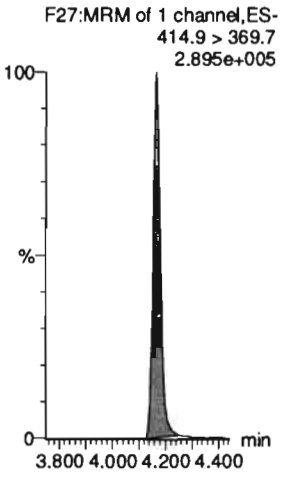

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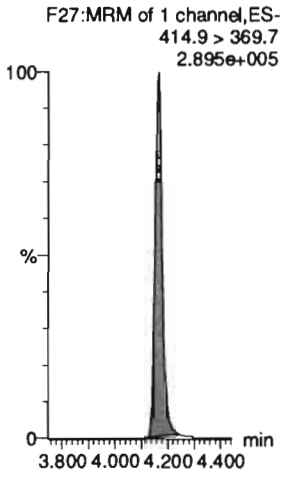
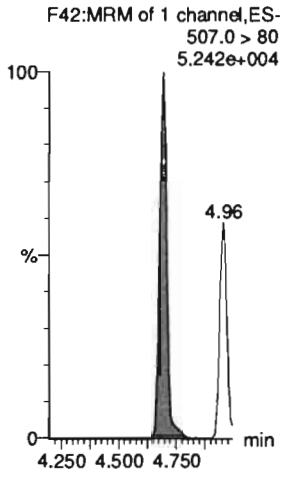
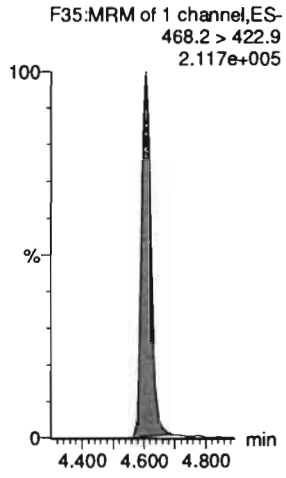


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

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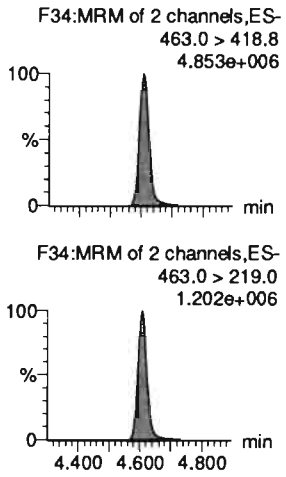
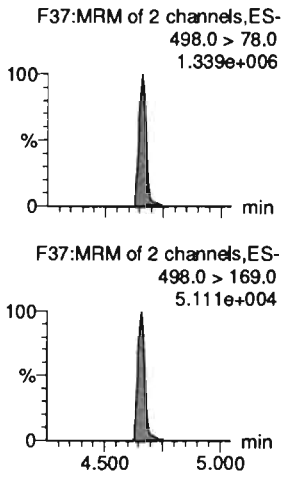
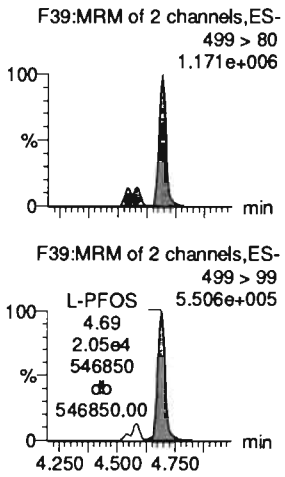


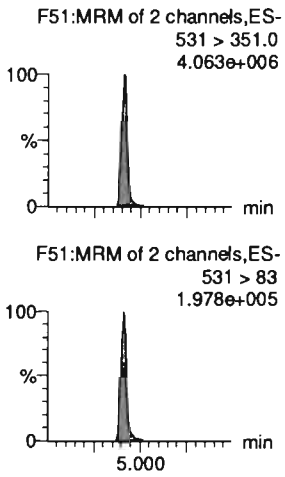
PFOSA



L-PFOS



9Cl-PF30NS



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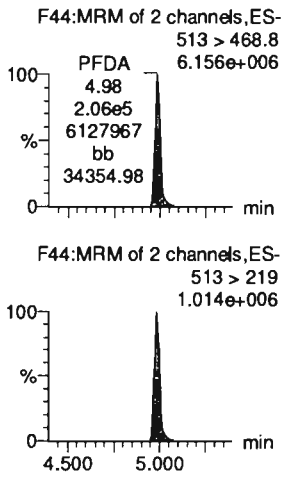
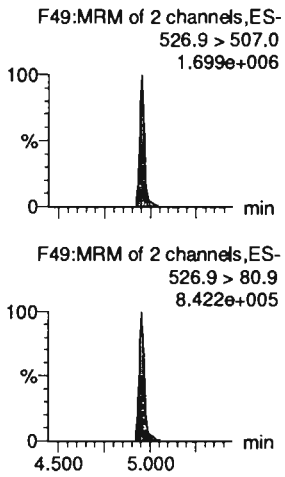
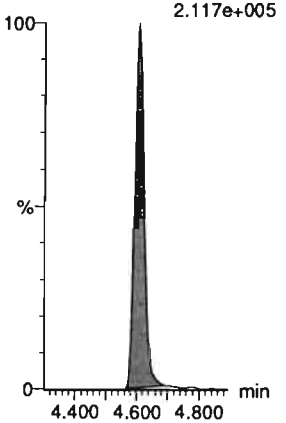


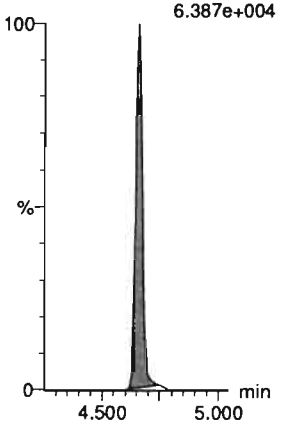
8:2 FTS



13C5-PFNA-EIS



13C8-PFOSA-EIS



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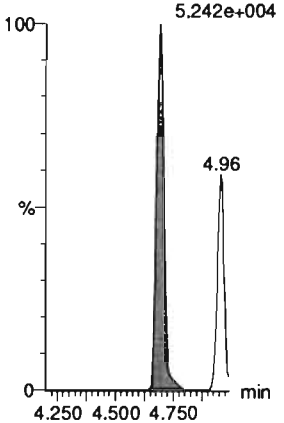
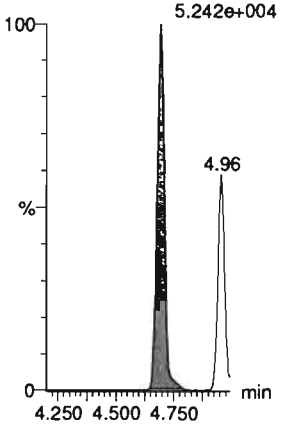
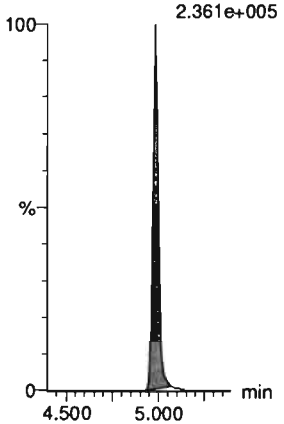


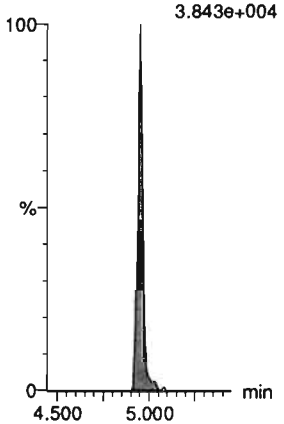
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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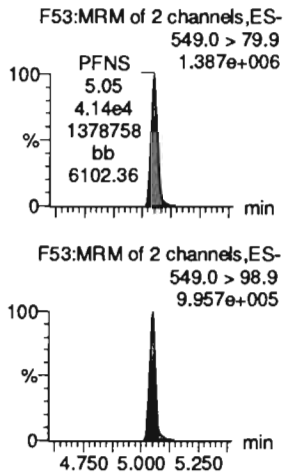
Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

PFNS



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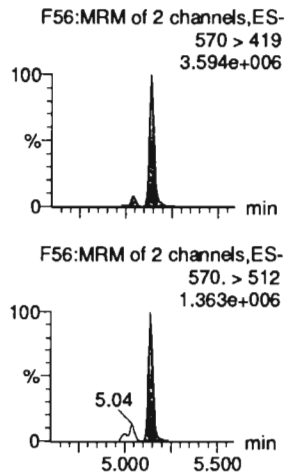

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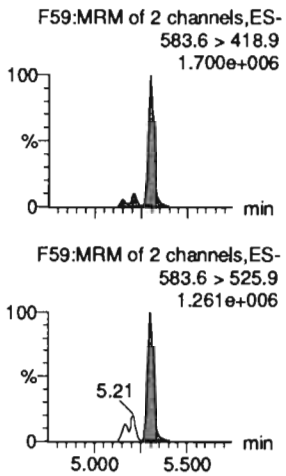
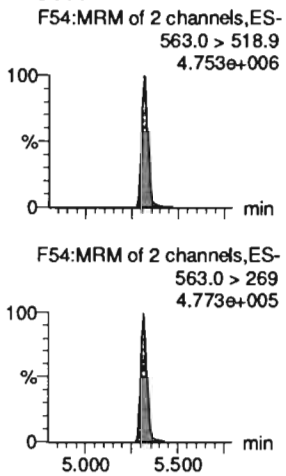
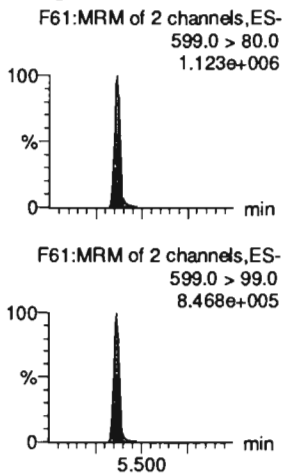


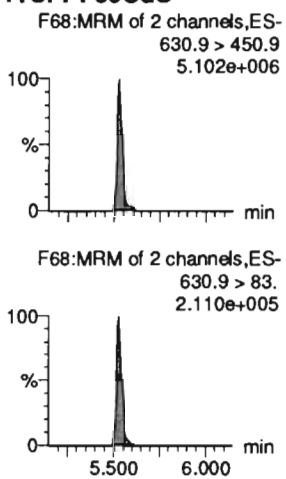
PFUdA



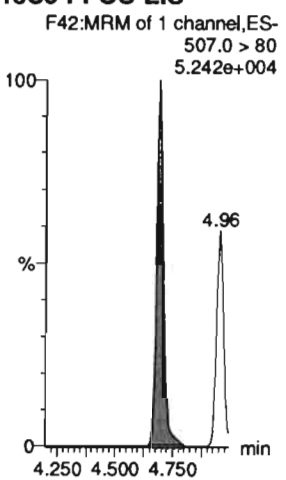
PFDS



11Cl-PF30UdS



13C8-PFOS-EIS



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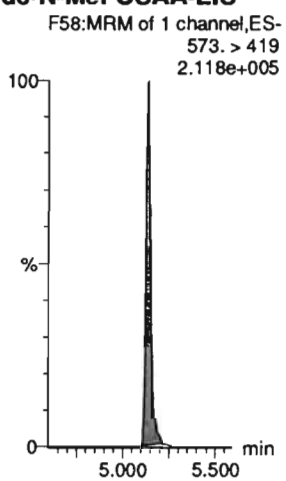

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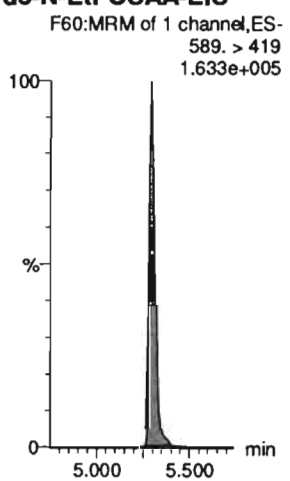

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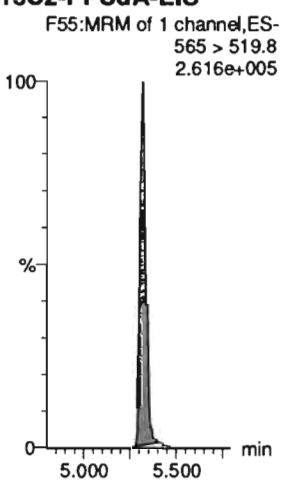

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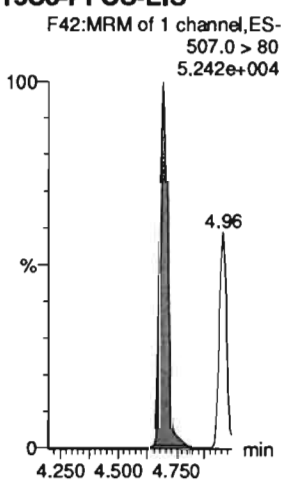
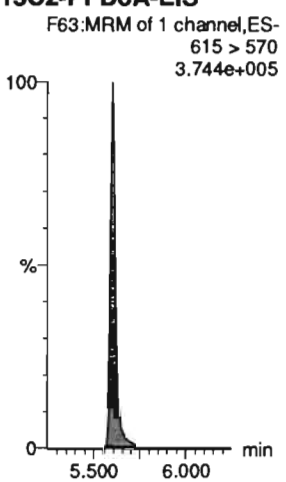


13C2-PFDoA-EIS



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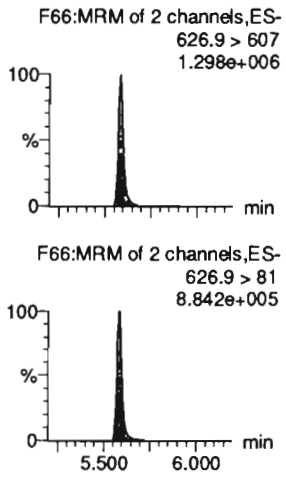
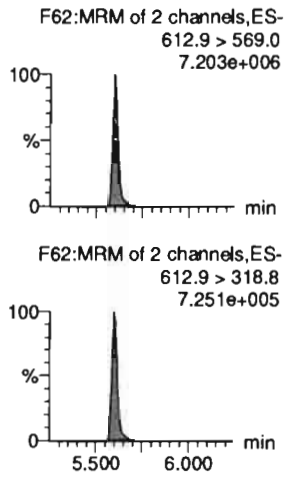
Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

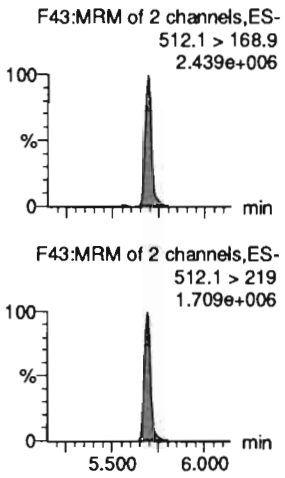
10:2 FTS



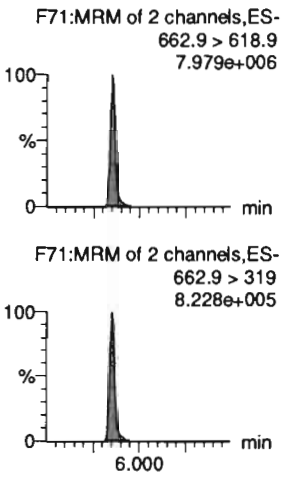
PFDoA



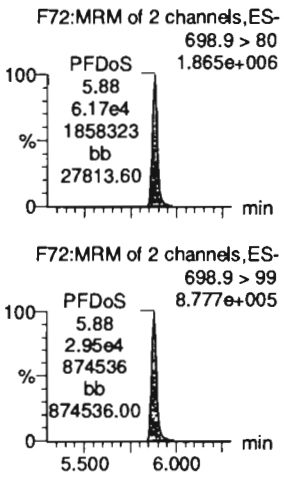
N-MeFOSA



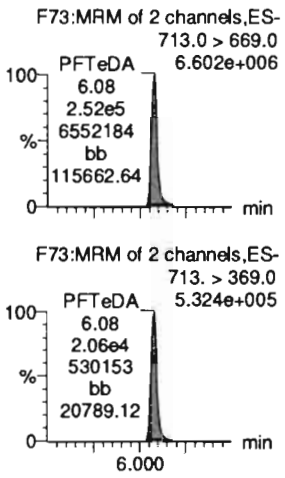
PFTrDA



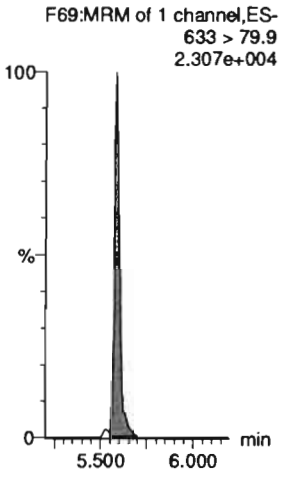
PFDoS



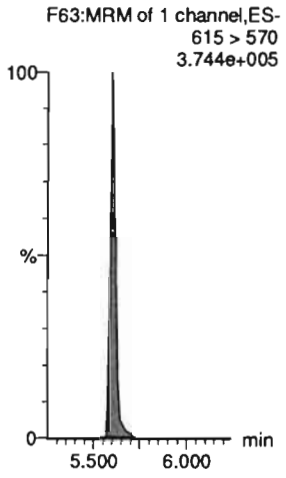
PFTeDA



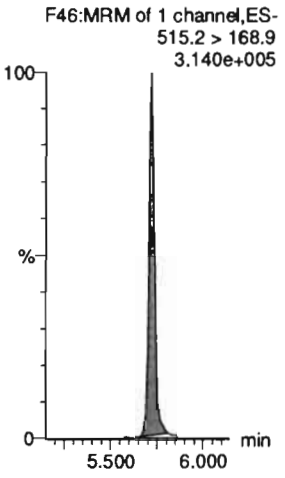
13C2-10:2 FTS-EIS



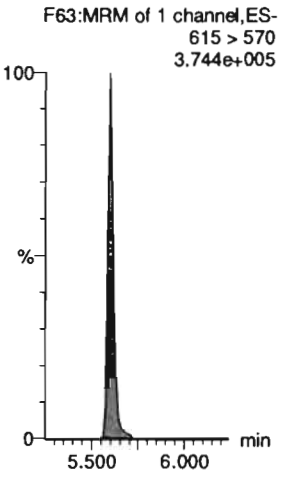
13C2-PFDoA-EIS



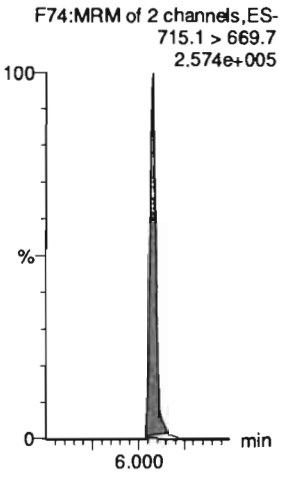
d3-N-MeFOSA-EIS



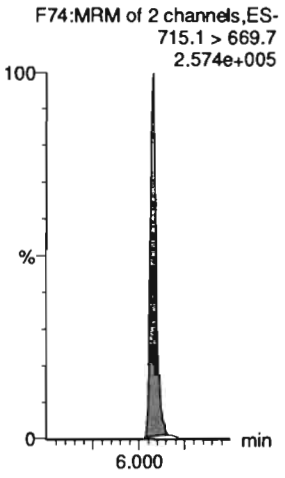
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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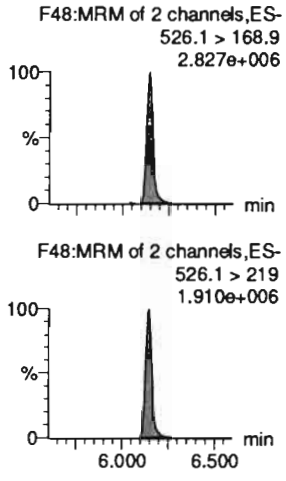
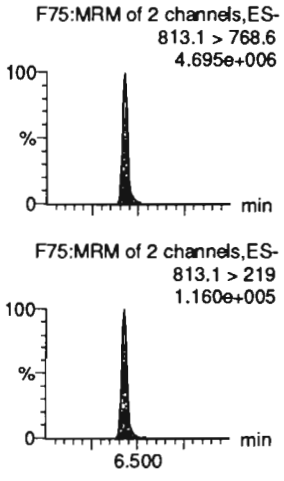
Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

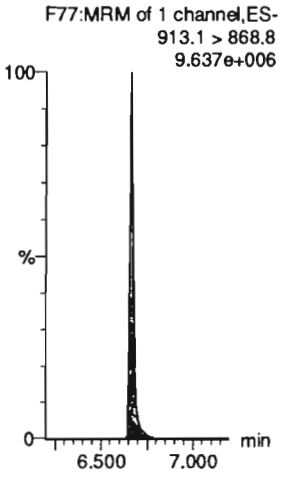
N-EtFOSA



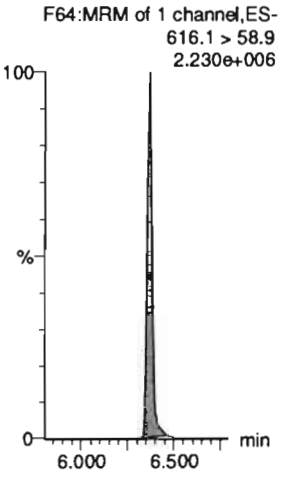
PFHxDA



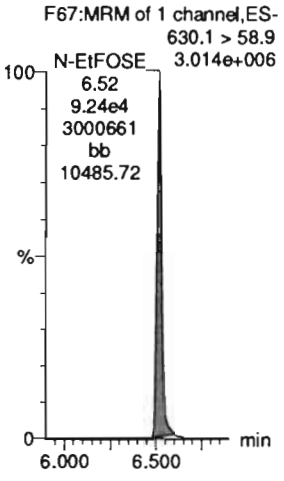
PFODA



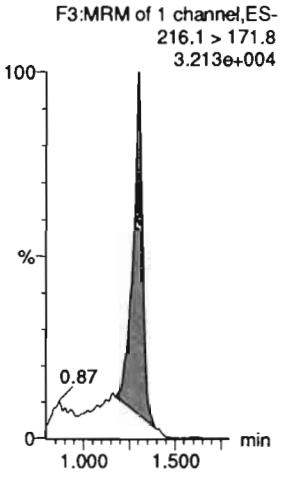
N-MeFOSE



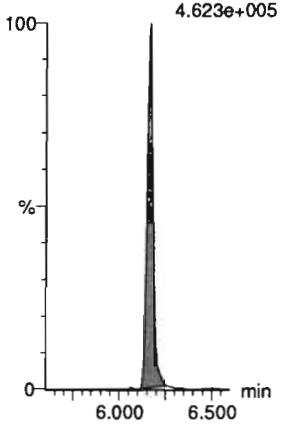
N-EtFOSE



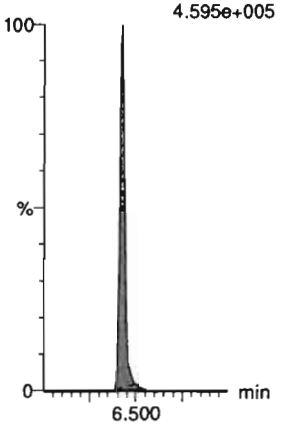
13C3-PFBA-RSD



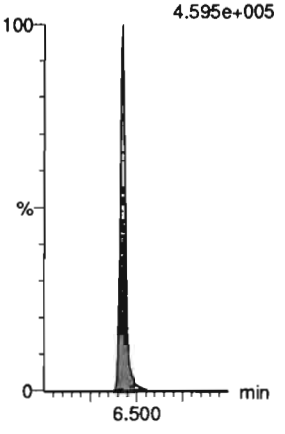
d5-N-ETFOSA-EIS



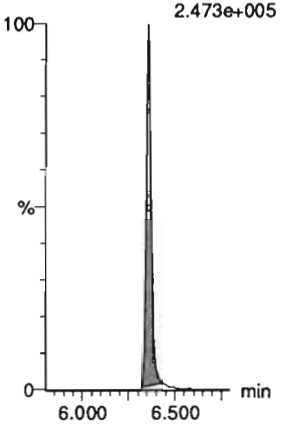
13C2-PFHxDA-EIS



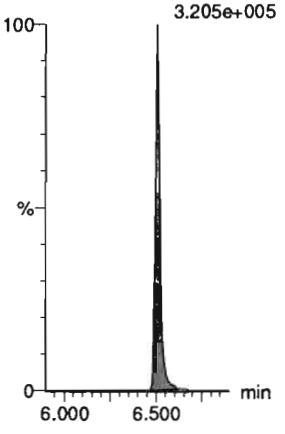
13C2-PFHxDA-EIS



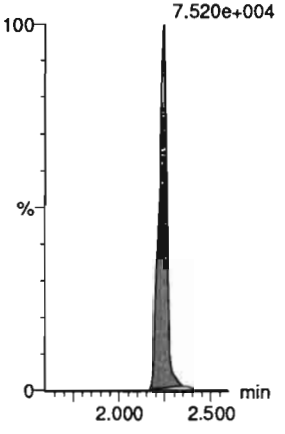
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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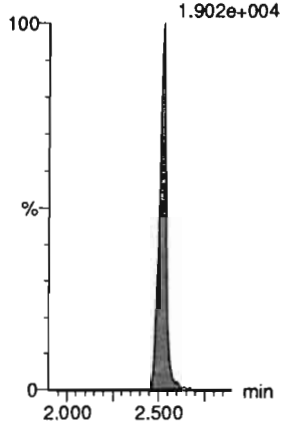
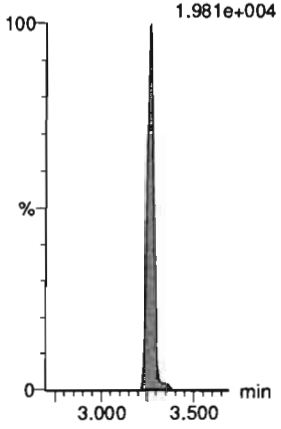
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

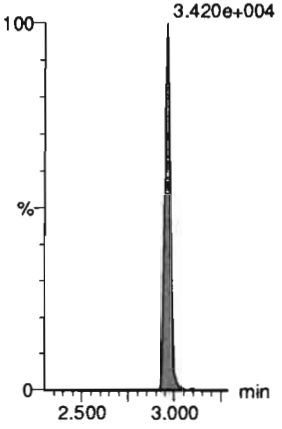
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.902e+004



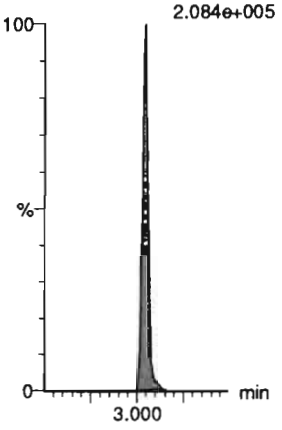
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.981e+004



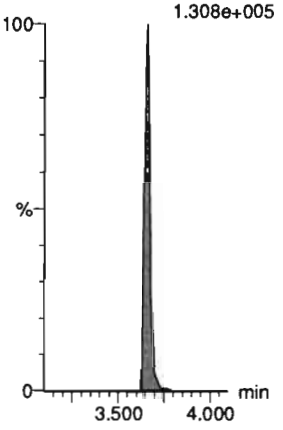
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.420e+004



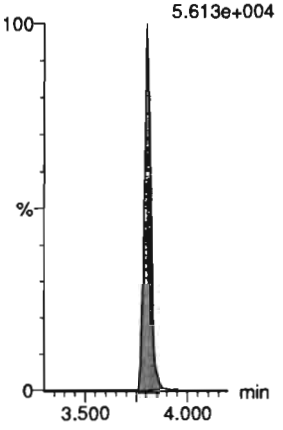
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.084e+005



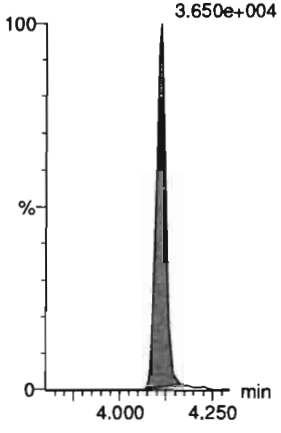
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.308e+005



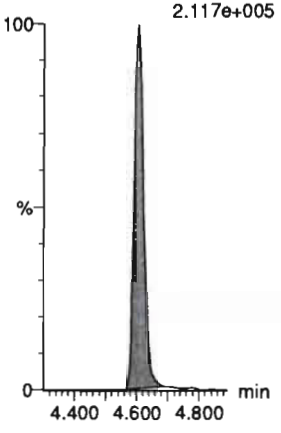
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
5.613e+004



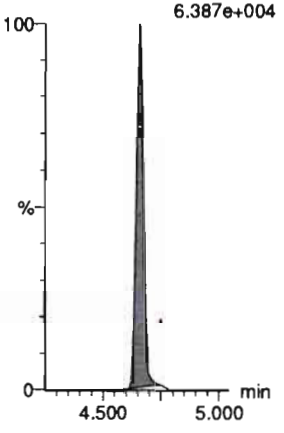
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.650e+004



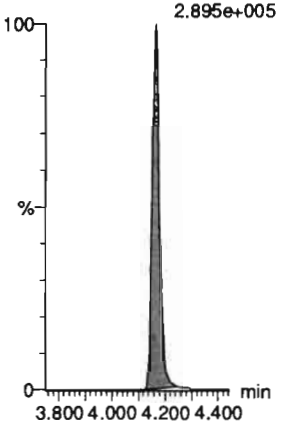
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.117e+005



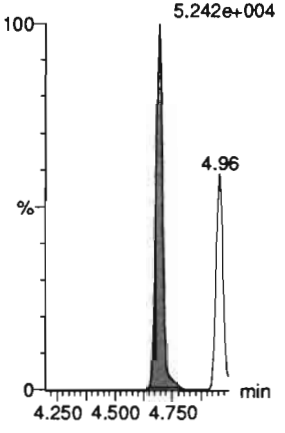
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
6.387e+004



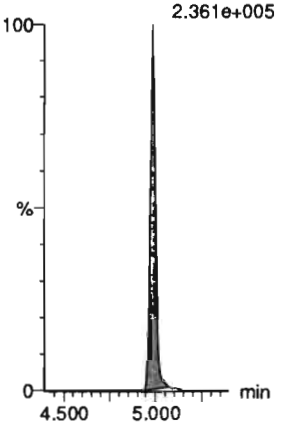
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.895e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
5.242e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.361e+005



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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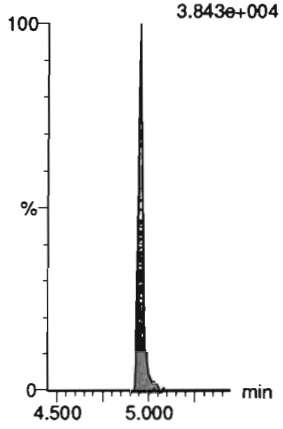
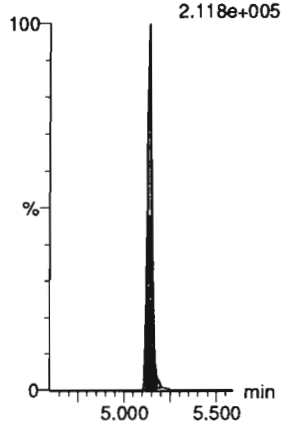
Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

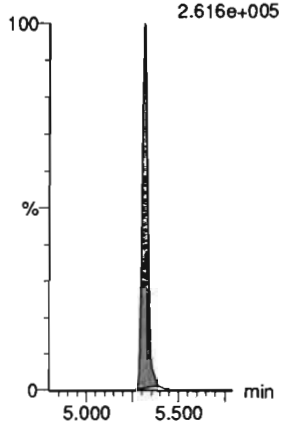
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.843e+004



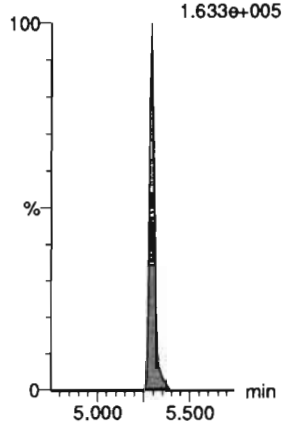
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.118e+005



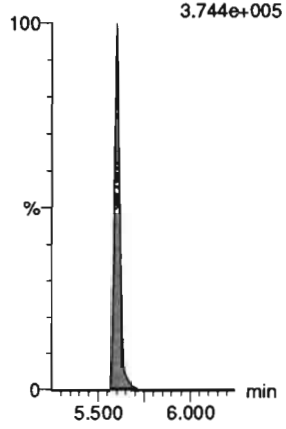
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
2.616e+005



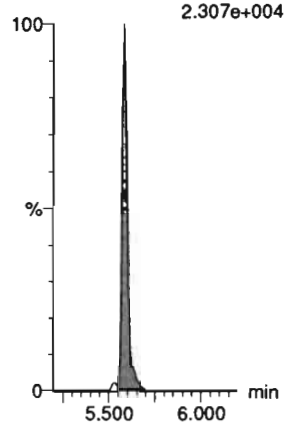
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.633e+005



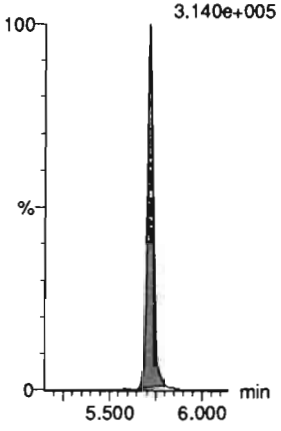
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.744e+005



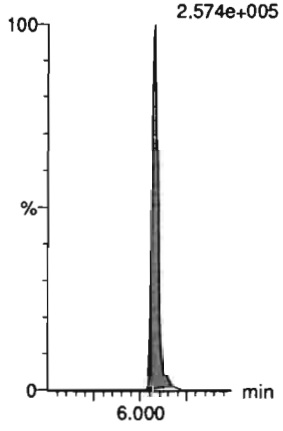
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.307e+004



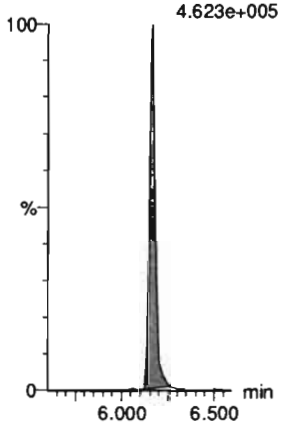
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.140e+005



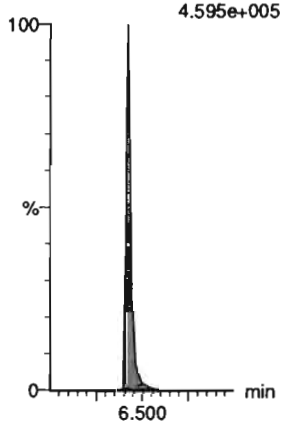
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.574e+005



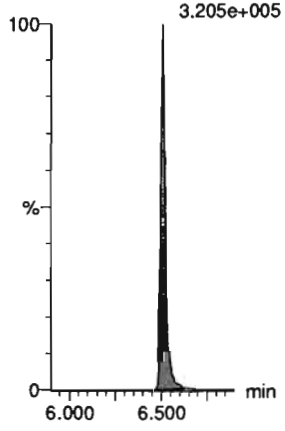
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.623e+005



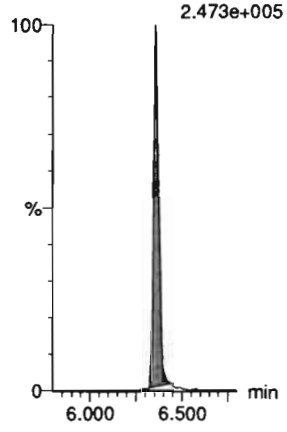
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
4.595e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.205e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.473e+005



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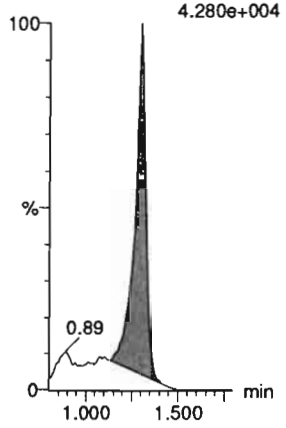
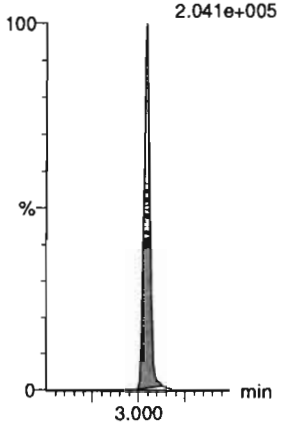
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_11, Date: 02-Jun-2020, Time: 18:00:37, ID: ST200602M2-9 PFC CS6 20E2709, Description: PFC CS6 20E2079

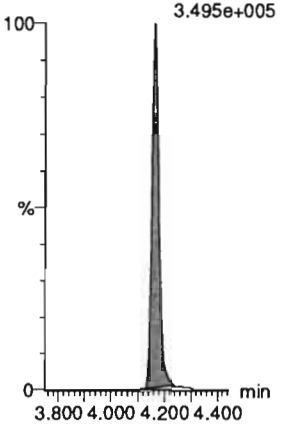
13C4-PFBA



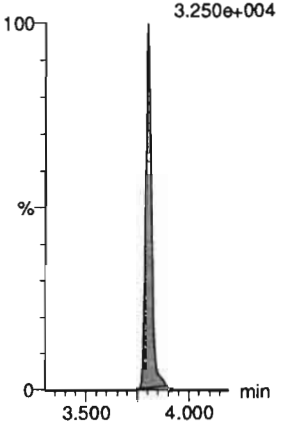
13C5-PFHxA



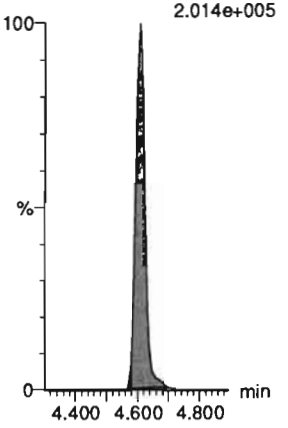
13C8-PFOA



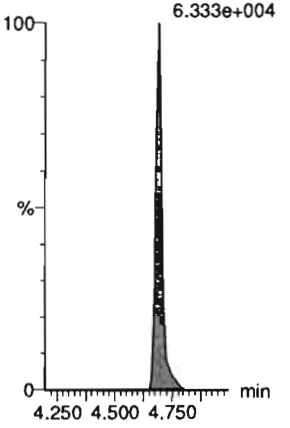
18O2-PFHxS



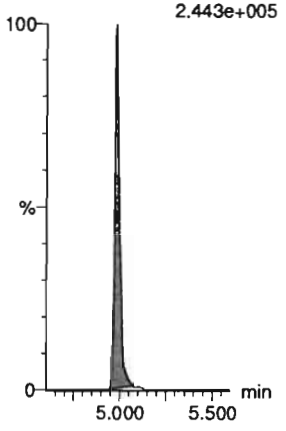
13C9-PFNA



13C4-PFOS



13C6-PFDA



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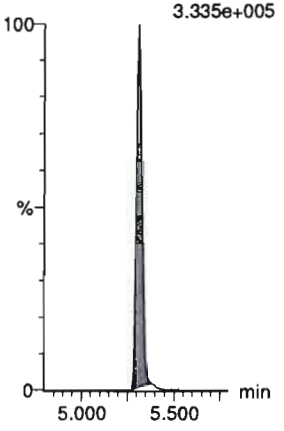

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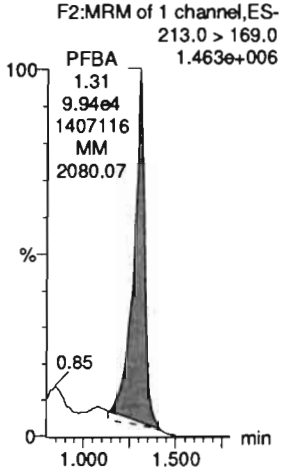
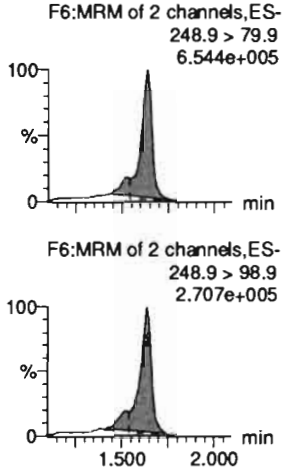
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

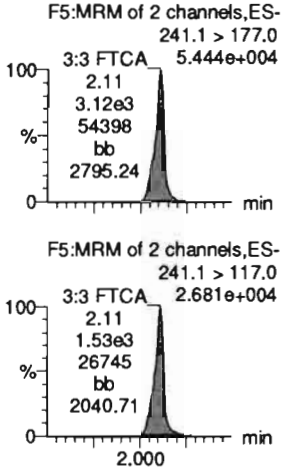
PFBA



PFPrS



3:3 FTCA



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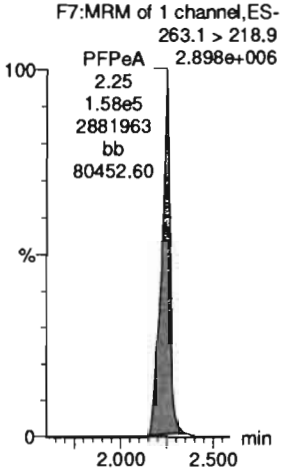

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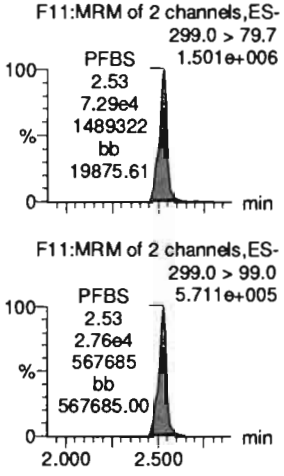
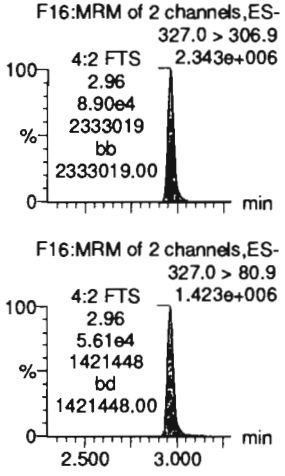
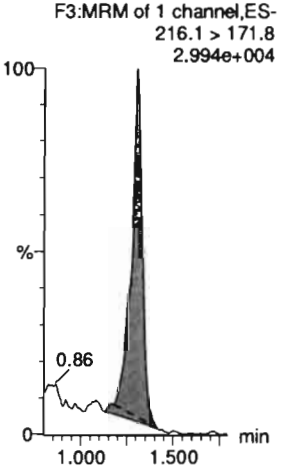


4:2 FTS



13C3-PFBA-EIS



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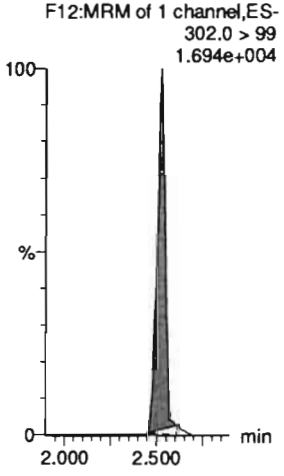

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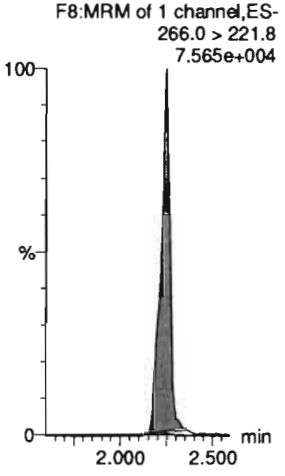

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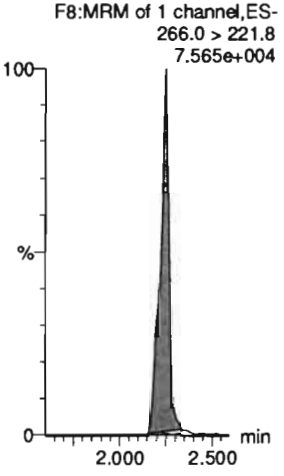

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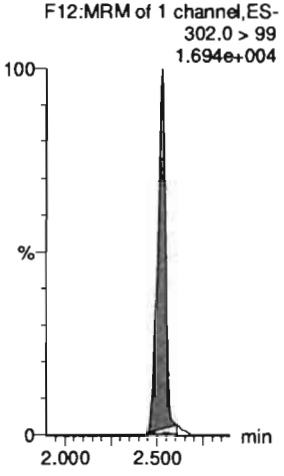
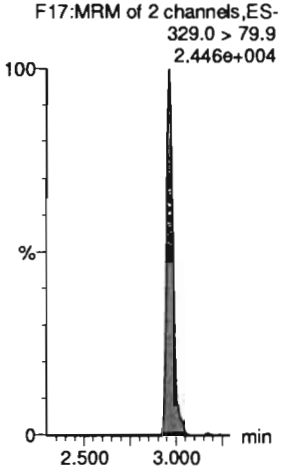


13C2-4:2 FTS-EIS



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Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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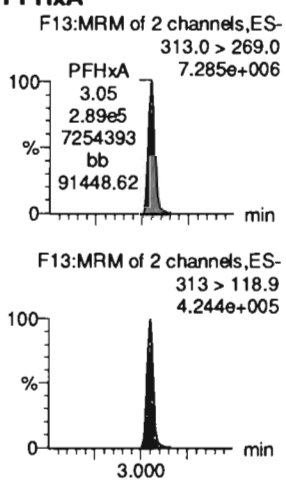
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

PFHxA



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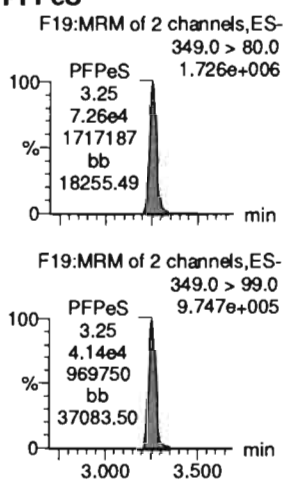
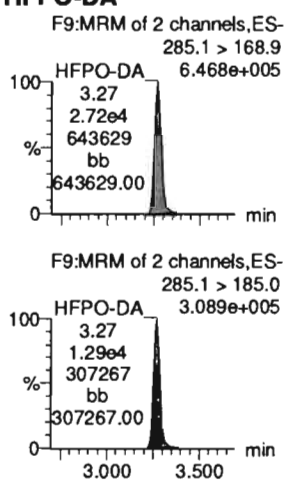
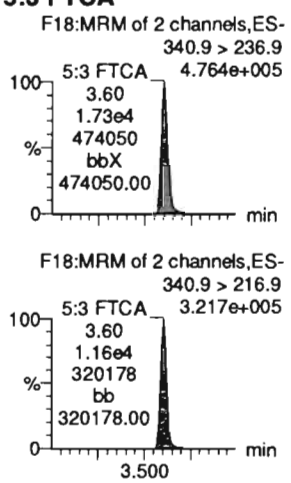


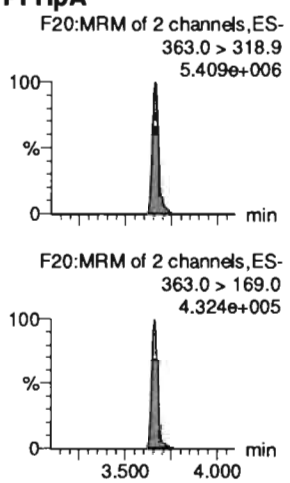
HFPO-DA



5:3 FTCA



PFHpA



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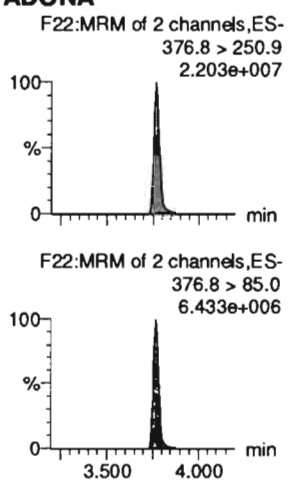
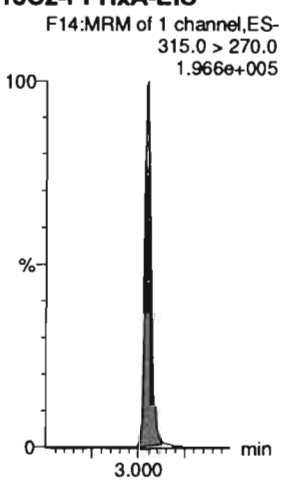
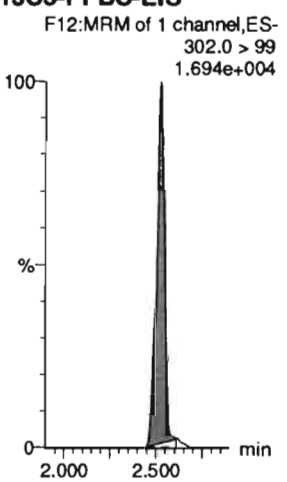


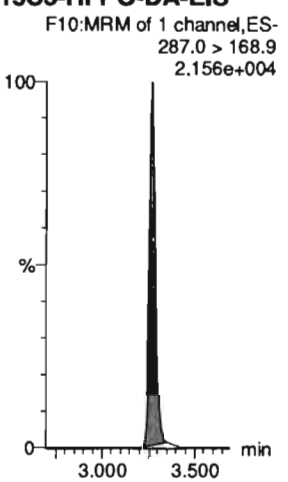
13C2-PFHxA-EIS



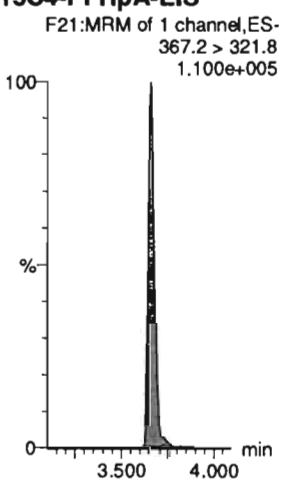
13C3-PFBS-EIS



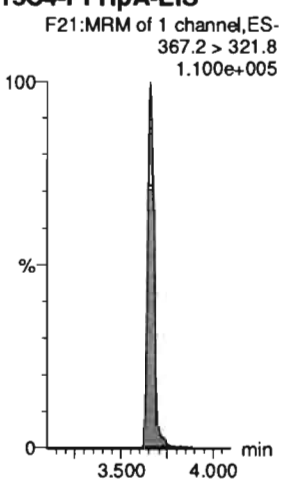
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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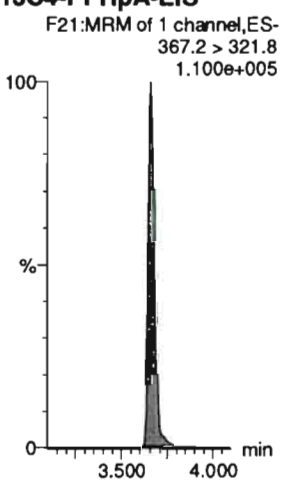

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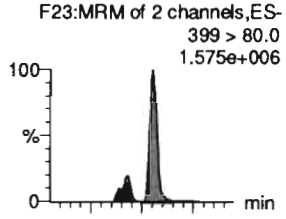
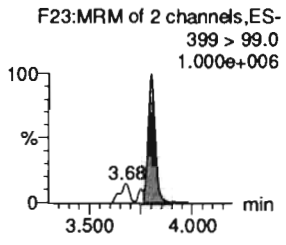
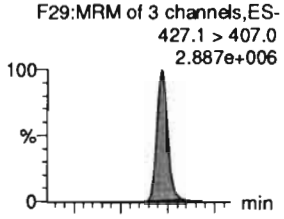
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

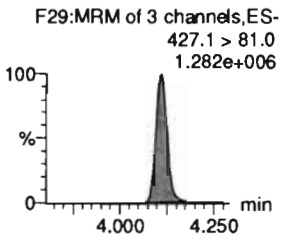
L-PFHxS



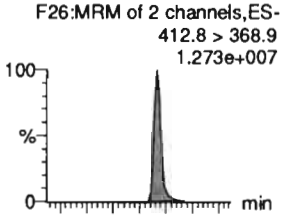


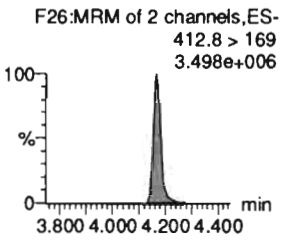
6:2 FTS





L-PFOA





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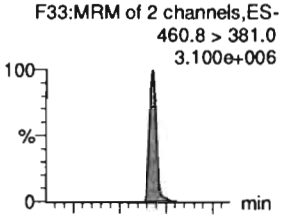
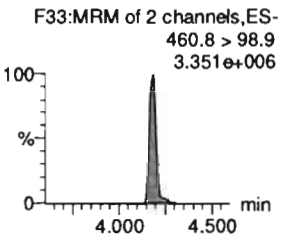
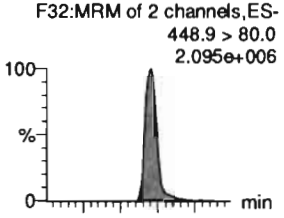
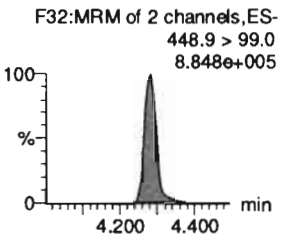


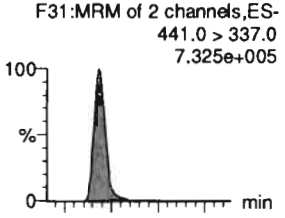


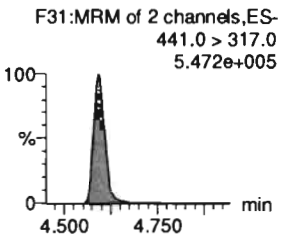
PFHpS



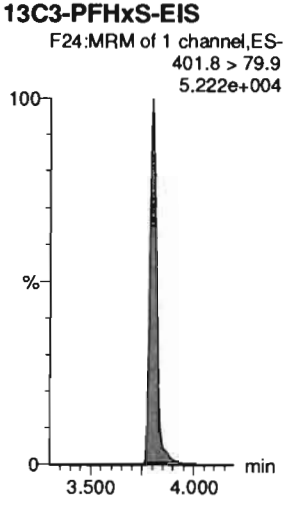


7:3 FTCA

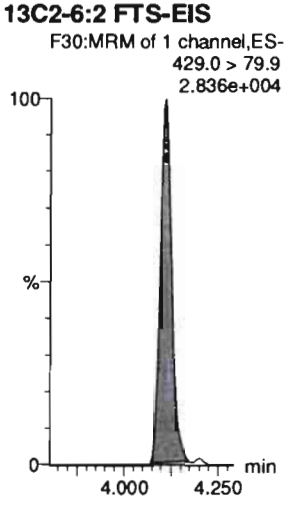




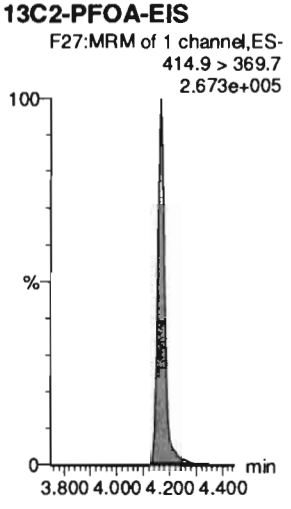
13C3-PFHxS-EIS



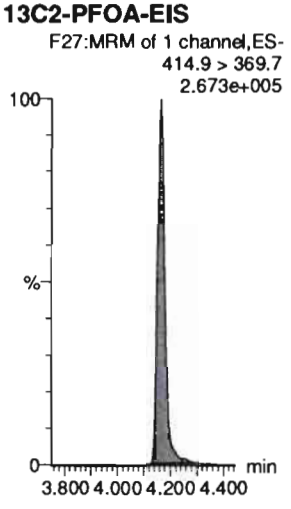
13C2-6:2 FTS-EIS



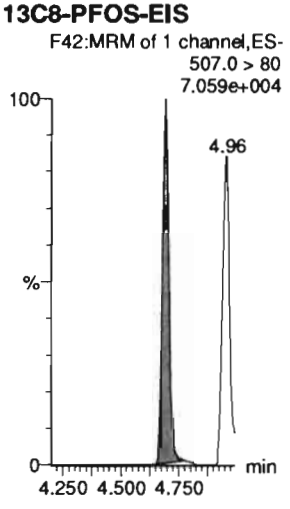
13C2-PFOA-EIS



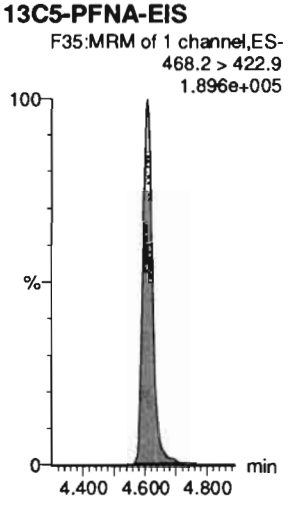
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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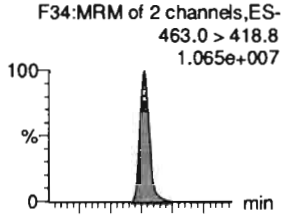
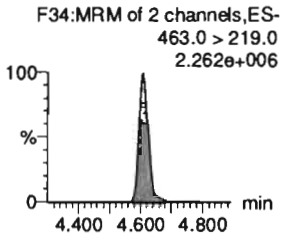
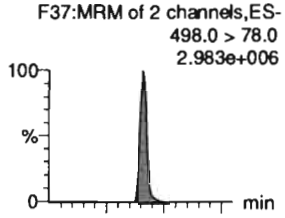
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

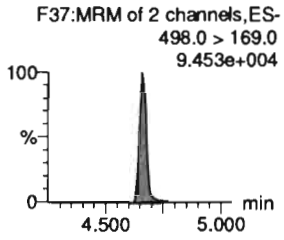
PFNA



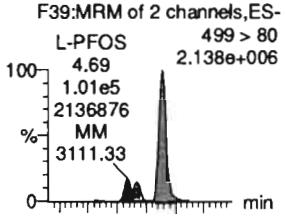


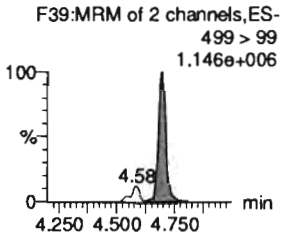
PFOSA



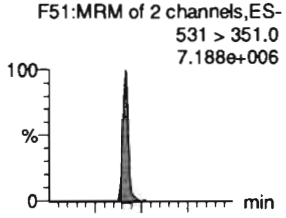


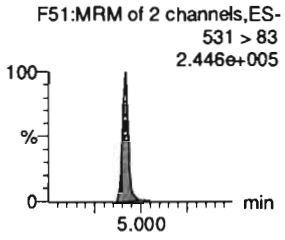
L-PFOS



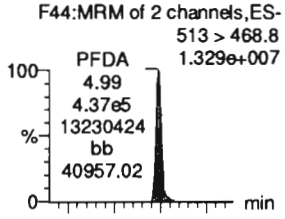


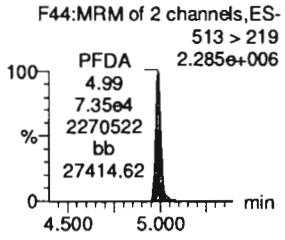
9Cl-PF30NS



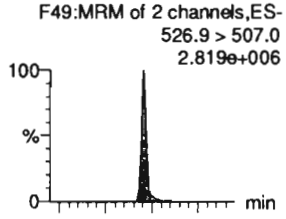


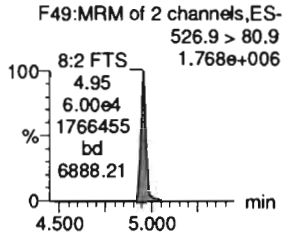
PFDA



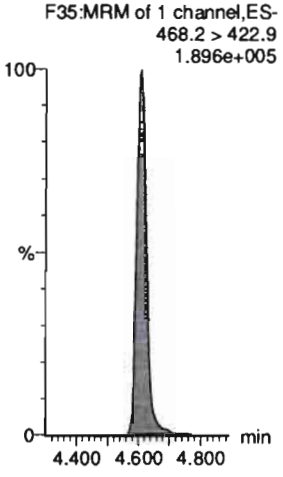


8:2 FTS

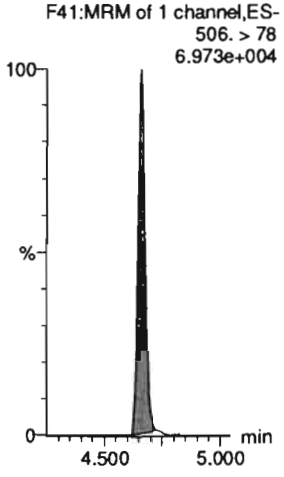




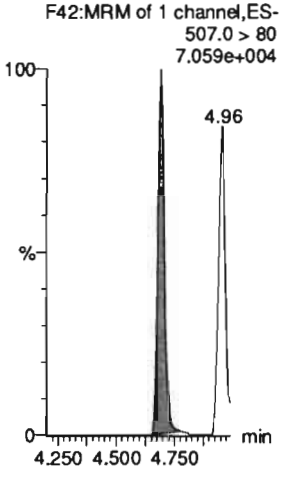
13C5-PFNA-EIS



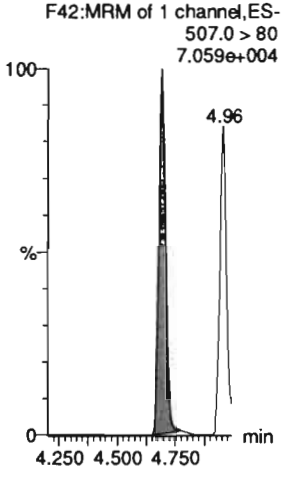
13C8-PFOSA-EIS



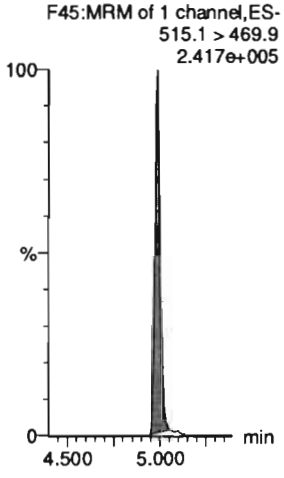
13C8-PFOS-EIS



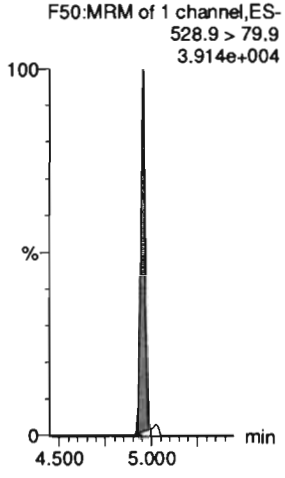
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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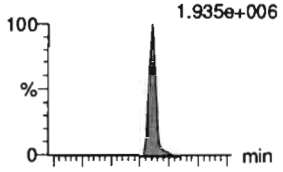
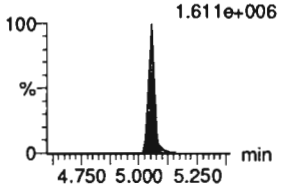
Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

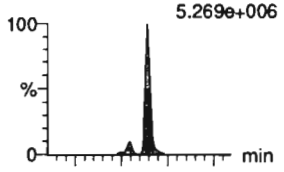
PFNS
F53:MRM of 2 channels,ES-
549.0 > 79.9
1.935e+006



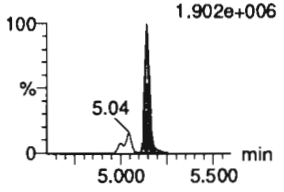
F53:MRM of 2 channels,ES-
549.0 > 98.9
1.611e+006



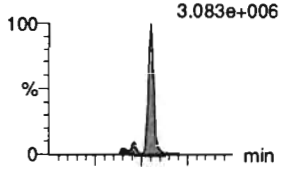
L-MeFOSAA
F56:MRM of 2 channels,ES-
570 > 419
5.269e+006



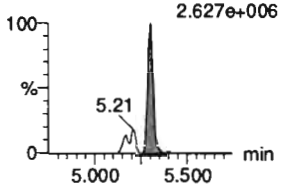
F56:MRM of 2 channels,ES-
570. > 512
1.902e+006



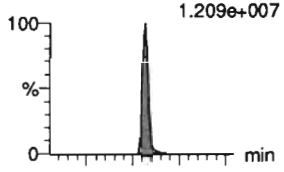
L-EtFOSAA
F59:MRM of 2 channels,ES-
583.6 > 418.9
3.083e+006



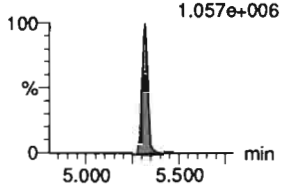
F59:MRM of 2 channels,ES-
583.6 > 525.9
2.627e+006



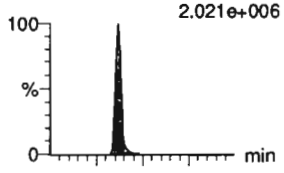
PFUdA
F54:MRM of 2 channels,ES-
563.0 > 518.9
1.209e+007



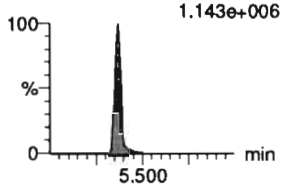
F54:MRM of 2 channels,ES-
563.0 > 269
1.057e+006



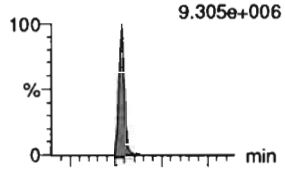
PFDS
F61:MRM of 2 channels,ES-
599.0 > 80.0
2.021e+006



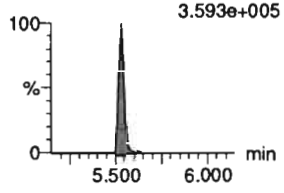
F61:MRM of 2 channels,ES-
599.0 > 99.0
1.143e+006



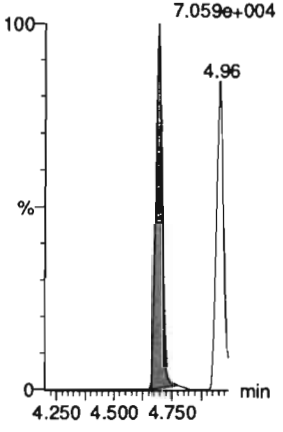
11Cl-PF30UdS
F68:MRM of 2 channels,ES-
630.9 > 450.9
9.305e+006



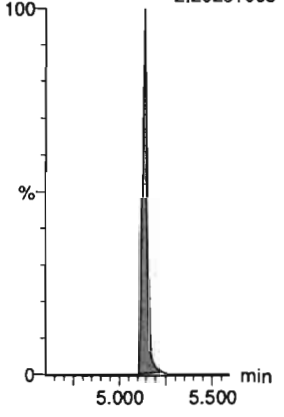
F68:MRM of 2 channels,ES-
630.9 > 83.
3.593e+005



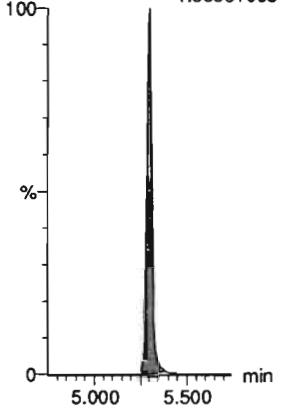
13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.0 > 80
7.059e+004



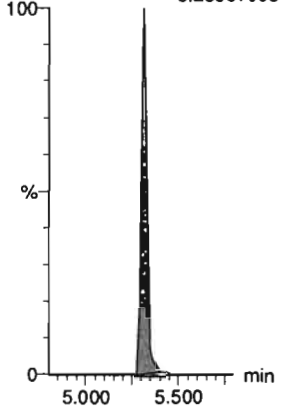
d3-N-MeFOSAA-EIS
F58:MRM of 1 channel,ES-
573. > 419
2.202e+005



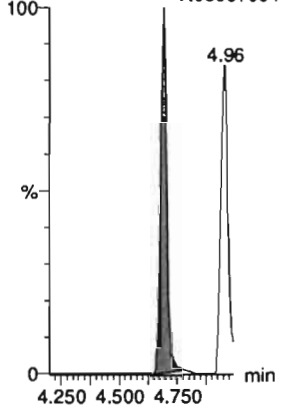
d5-N-EtFOSAA-EIS
F60:MRM of 1 channel,ES-
589. > 419
1.585e+005



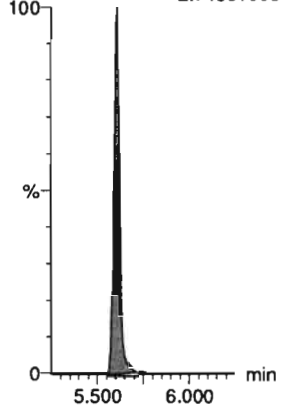
13C2-PFUdA-EIS
F55:MRM of 1 channel,ES-
565 > 519.8
3.235e+005



13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.0 > 80
7.059e+004



13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
615 > 570
2.743e+005

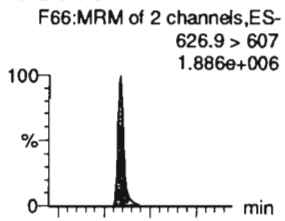


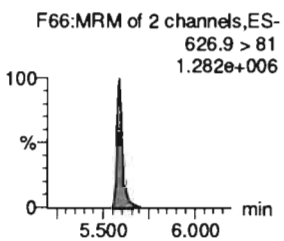
Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:47:33 Pacific Daylight Time

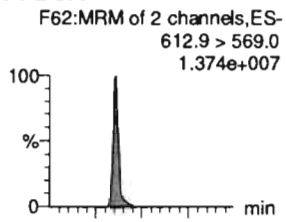
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

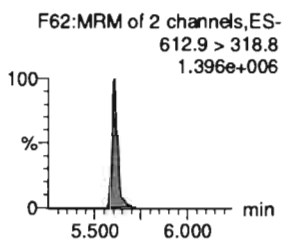
10:2 FTS



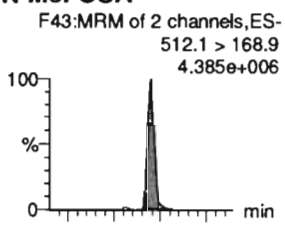


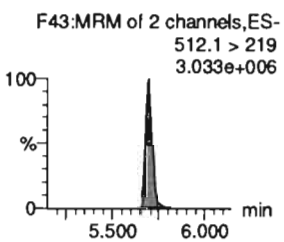
PFDoA



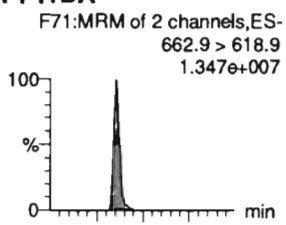


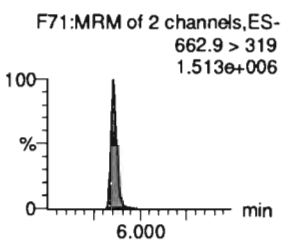
N-MeFOSA



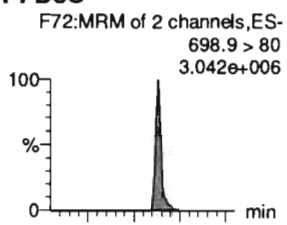


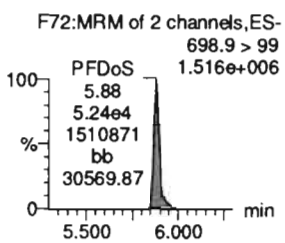
PFTrDA



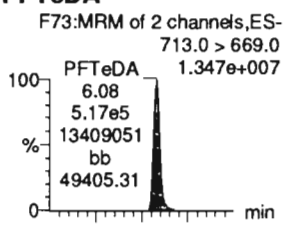


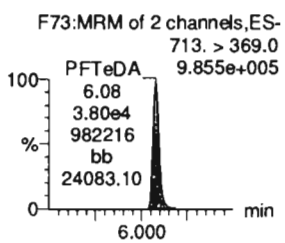
PFDoS



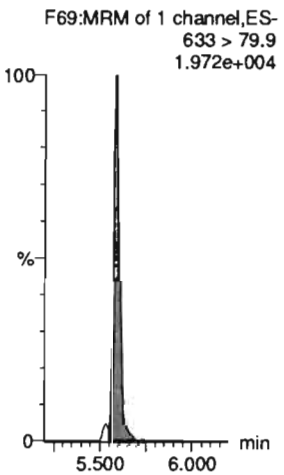


PFTeDA

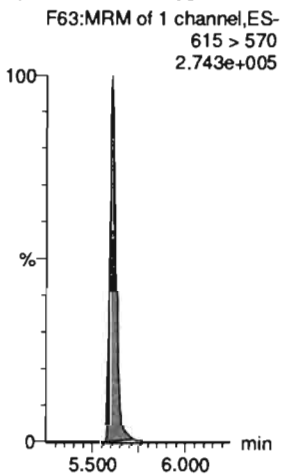




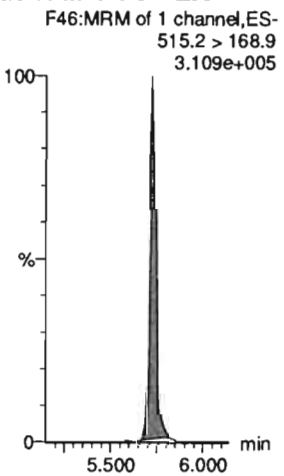
13C2-10:2 FTS-EIS



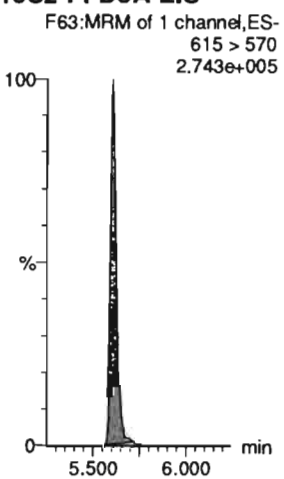
13C2-PFDoA-EIS



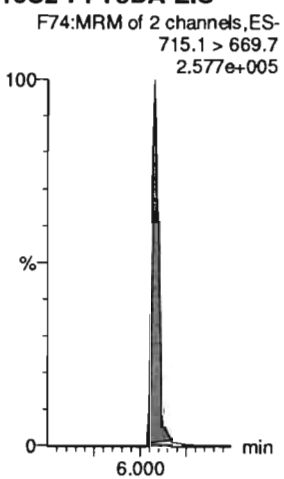
d3-N-MeFOSA-EIS



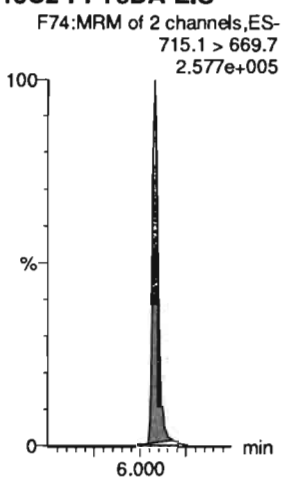
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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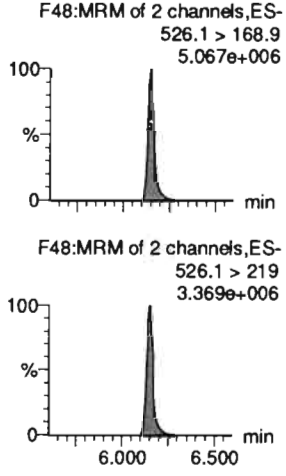
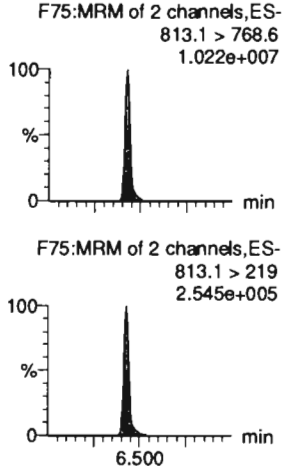
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

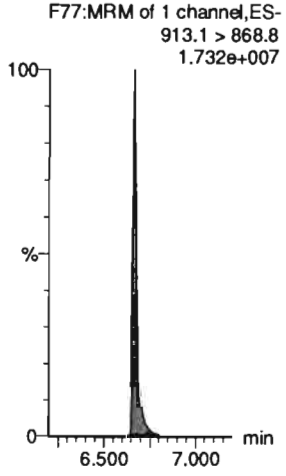
N-EtFOSA



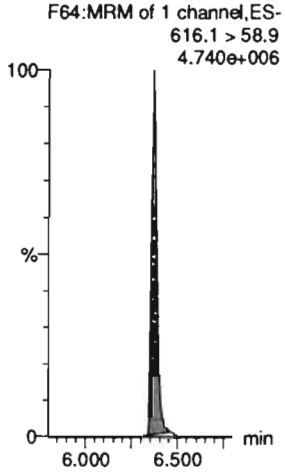
PFHxDA



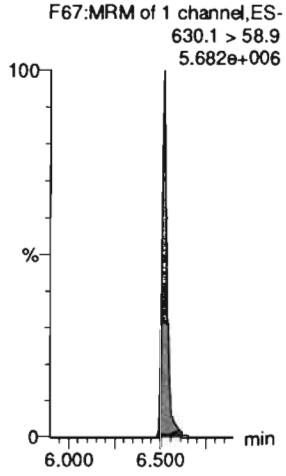
PFODA



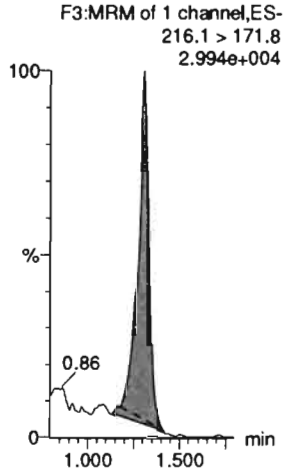
N-MeFOSE



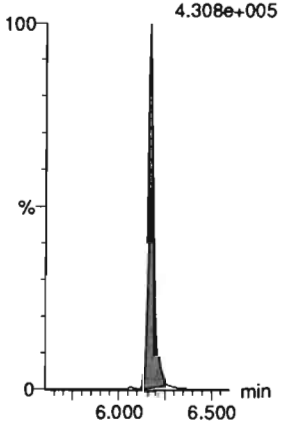
N-EtFOSE



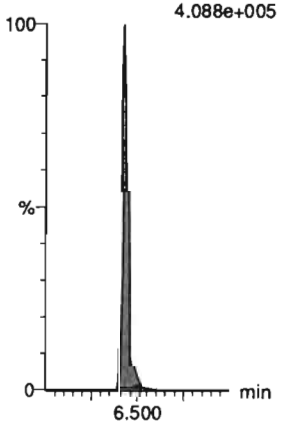
13C3-PFBA-RSD



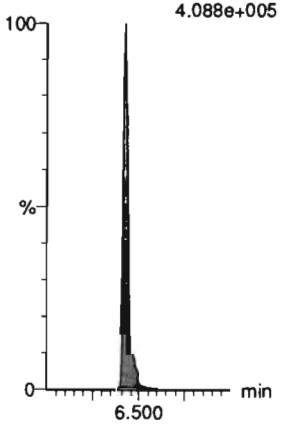
d5-N-ETFOSA-EIS



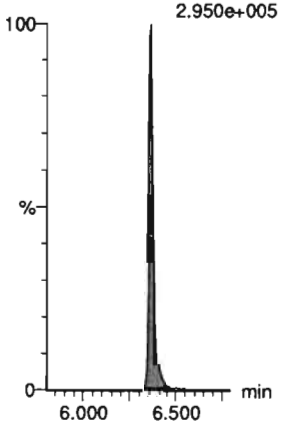
13C2-PFHxDA-EIS



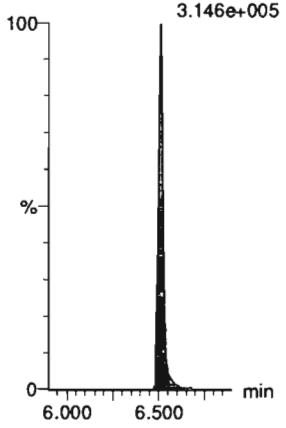
13C2-PFHxDA-EIS



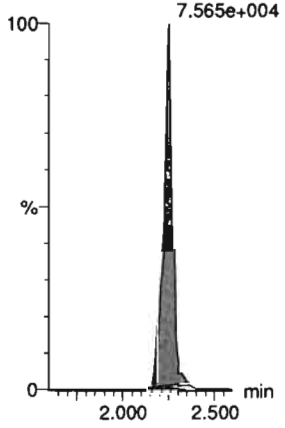
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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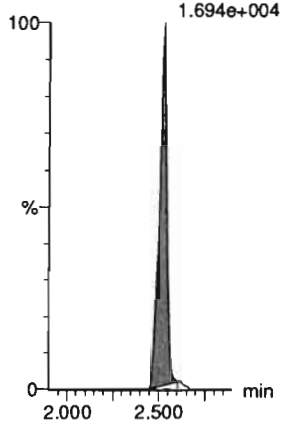
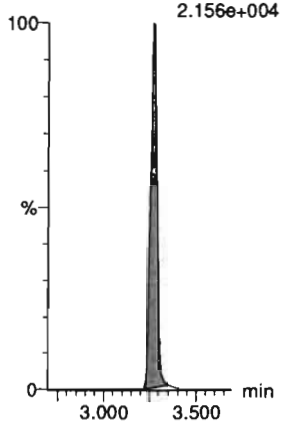
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

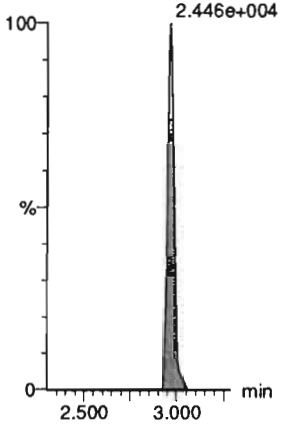
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.694e+004



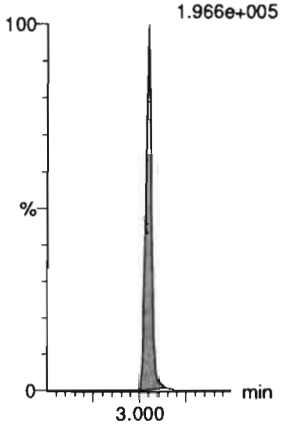
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.156e+004



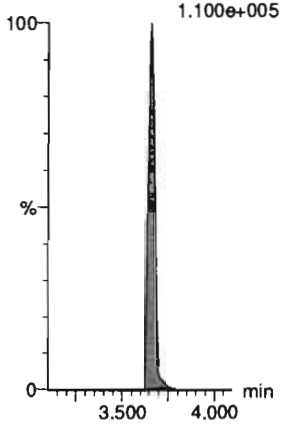
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
2.446e+004



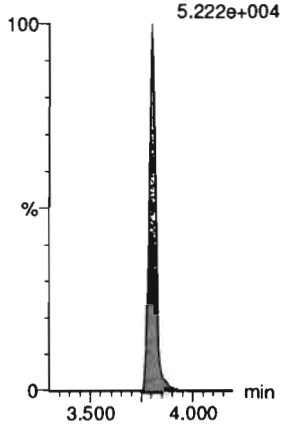
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
1.966e+005



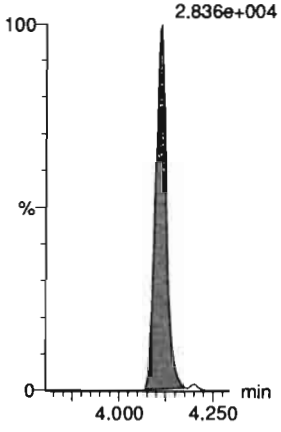
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.100e+005



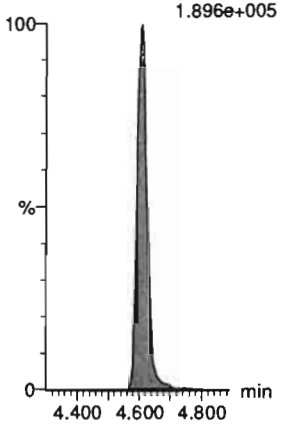
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
5.222e+004



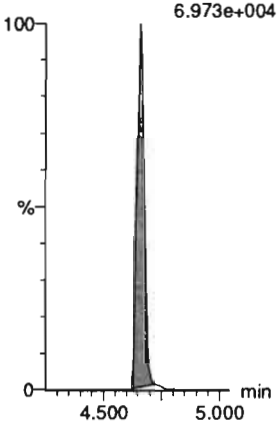
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
2.836e+004



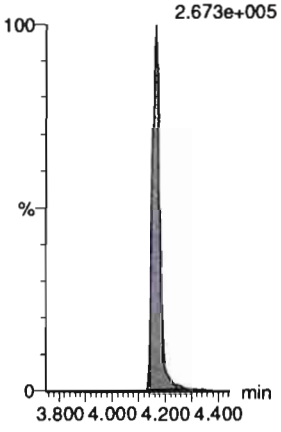
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
1.896e+005



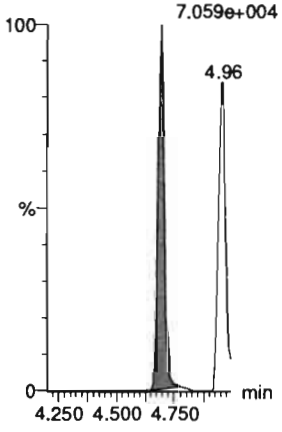
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
6.973e+004



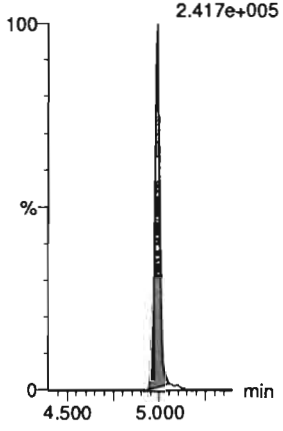
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.673e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
7.059e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.417e+005



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-CRV.qld

Last Altered: Wednesday, June 03, 2020 08:47:02 Pacific Daylight Time
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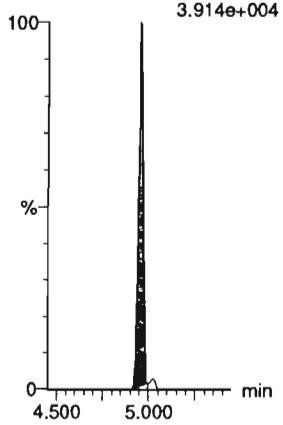
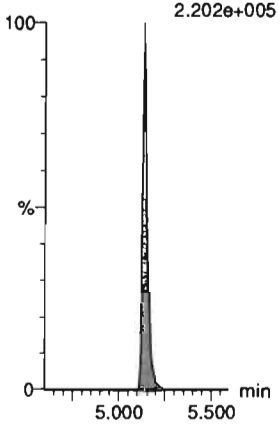
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

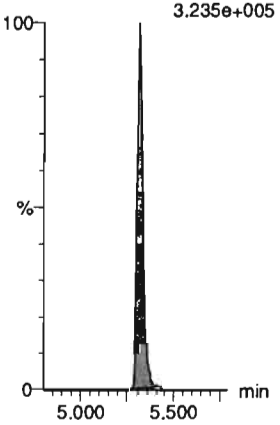
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.914e+004



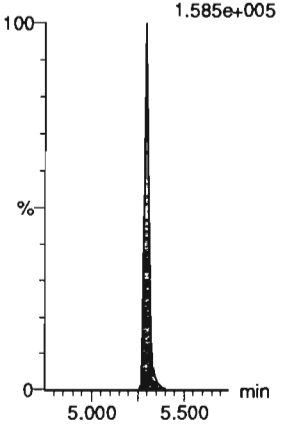
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.202e+005



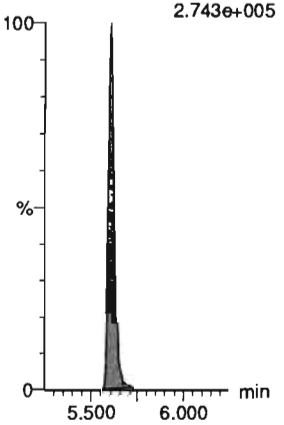
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.235e+005



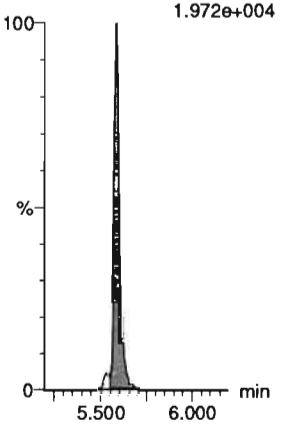
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
1.585e+005



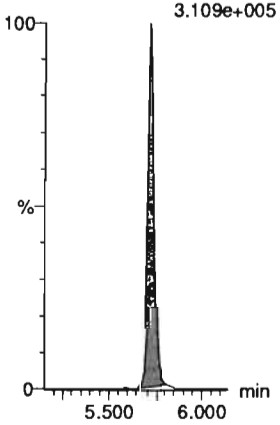
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
2.743e+005



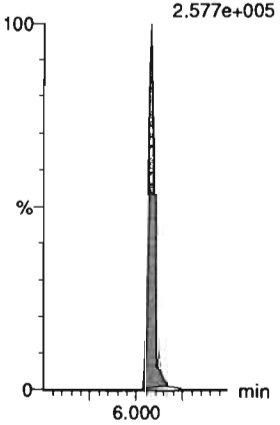
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
1.972e+004



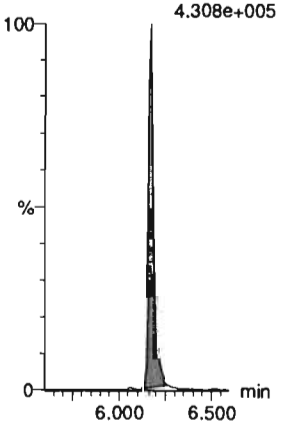
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.109e+005



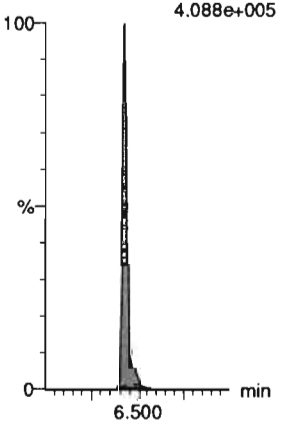
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.577e+005



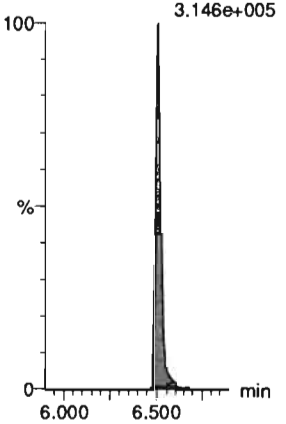
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.308e+005



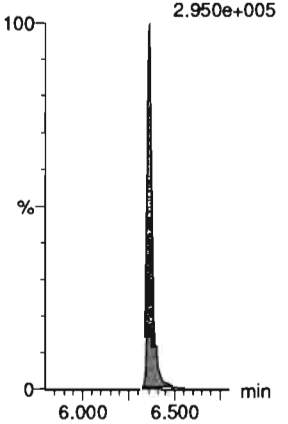
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
4.088e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.146e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.950e+005



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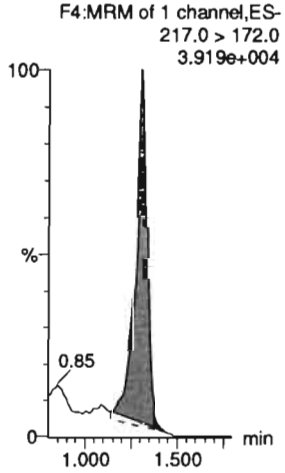
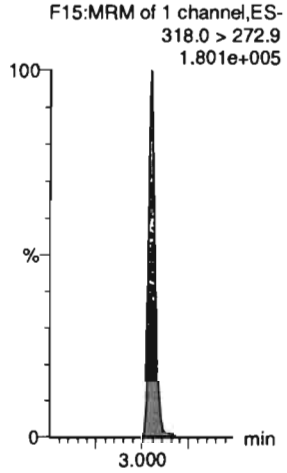
Name: 200602M2_12, Date: 02-Jun-2020, Time: 18:11:00, ID: ST200602M2-10 PFC CS7 20E2710, Description: PFC CS7 20E2710

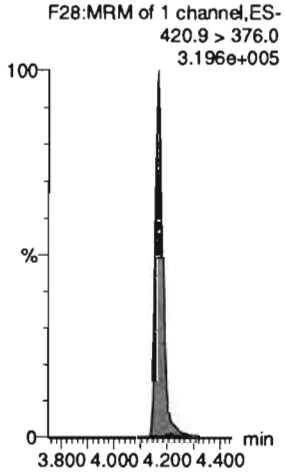
13C4-PFBA



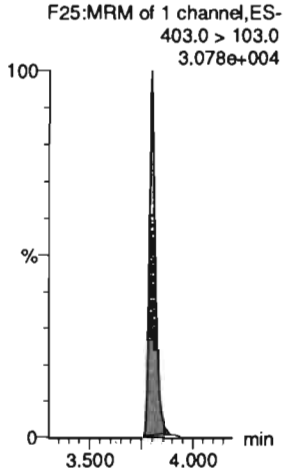
13C5-PFHxA



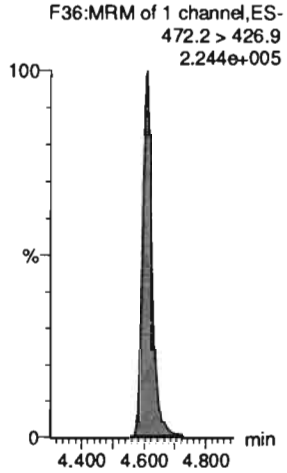
13C8-PFOA



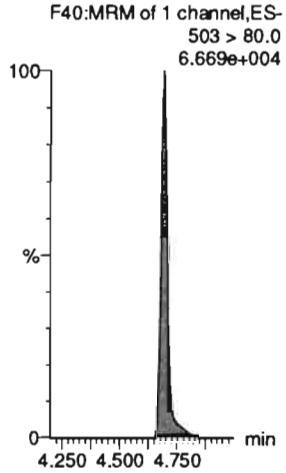
18O2-PFHxS



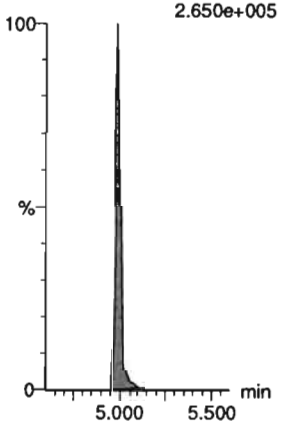
13C9-PFNA



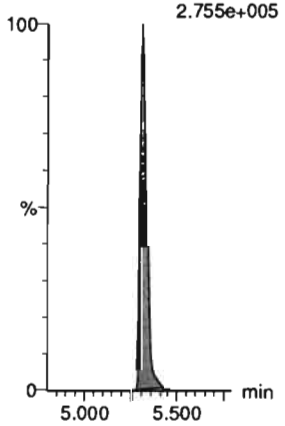
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-ICV.qld

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(A) Not in ICV

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√ DW 06/03/20

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	2004.966	2091.061	1.00	1.31	11.985	10.000	9.21	92.1	NO		
2	2	PFPrS	248.9 > 79.9		973.931	1.00			10.000		(A)	NO		
3	3	3:3 FTCA	241.1 > 177.0		4249.510	1.00			10.000		↓	NO		
4	4	PFPeA	263.1 > 218.9	3346.059	4249.510	1.00	2.25	9.842	10.000	9.80	98.0	NO		
5	5	PFBS	299.0 > 79.7	1497.526	973.931	1.00	2.53	19.220	8.840	9.06	102.4	NO	2.997	NO
6	6	4:2 FTS	327.0 > 306.9	1962.136	1194.818	1.00	2.96	20.528	9.360	9.54	102.0	NO	1.463	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	2091.061		1.00	1.31	2091.061	12.500	12.0	96.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	973.931		1.00	2.53	973.931	12.500	13.0	104.3	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	4249.510		1.00	2.25	4249.510	12.500	12.0	95.6	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	4249.510		1.00	2.25	4249.510	12.500	12.0	95.6	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	973.931		1.00	2.53	973.931	12.500	13.0	104.3	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	1194.818		1.00	2.96	1194.818	12.500	11.3	90.7	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	6448.100	7273.814	1.00	3.05	11.081	10.000	11.0	110.5	NO	16.596	NO
15	8	PFPeS	349.0 > 80.0	1327.893	973.931	1.00	3.26	17.043	9.360	7.61	81.3	NO	1.696	NO
16	9	HFPO-DA	285.1 > 168.9	611.525	918.653	1.00	3.27	8.321	10.000	8.68	86.8	NO	1.974	NO
17	10	5:3 FTCA	340.9 > 236.9		5399.738	1.00			10.000		(A)	NO		
18	11	PFHpA	363.0 > 318.9	5396.454	5399.738	1.00	3.66	12.492	10.000	9.88	98.8	NO	14.941	NO
19	12	ADONA	376.8 > 250.9	16951.992	5399.738	1.00	3.77	39.243	9.440	9.69	102.6	NO	3.624	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	7273.814		1.00	3.05	7273.814	12.500	10.8	86.4	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	973.931		1.00	2.53	973.931	12.500	13.0	104.3	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	918.653		1.00	3.27	918.653	12.500	12.9	103.5	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5399.738		1.00	3.66	5399.738	12.500	12.9	103.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5399.738		1.00	3.66	5399.738	12.500	12.9	103.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5399.738		1.00	3.66	5399.738	12.500	12.9	103.2	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	1632.958	2275.107	1.00	3.81	8.972	9.120	9.11	99.9	NO	1.508	NO
28	15	6:2 FTS	427.1 > 407.0	2772.543	1364.317	1.00	4.11	25.402	9.480	9.51	100.3	NO	2.223	NO
29	16	L-PFOA	412.8 > 368.9	10218.180	9758.094	1.00	4.17	13.089	10.000	9.22	92.2	NO	3.530	NO
30	18	PFecHS	460.8 > 381.0		9758.094	1.00			10.000		(A)	NO		
31	19	PFHpS	448.9 > 80.0	1460.811	2865.032	1.00	4.28	6.373	9.520	7.98	83.8	NO	1.941	NO
32	20	7:3 FTCA	441.0 > 337.0		7988.119	1.00			10.000		(A)	NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	2275.107		1.00	3.80	2275.107	12.500	12.3	98.1	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1364.317		1.00	4.11	1364.317	12.500	13.5	107.9	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	9758.094		1.00	4.17	9758.094	12.500	12.5	100.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	9758.094		1.00	4.17	9758.094	12.500	12.5	100.3	NO		

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Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71 13C8-PFOS-EIS	507.0 > 80	2865.032		1.00	4.69	2865.032	12.500	13.5	107.8	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	7988.119		1.00	4.61	7988.119	12.500	11.8	94.8	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	8556.030	7988.119	1.00	4.61	13.389	10.000	11.4	113.9	NO	5.027	NO
41	22 PFOSA	498.0 > 78.0	2201.857	2742.472	1.00	4.67	10.036	10.000	9.09	90.9	NO	30.180	NO
42	23 L-PFOS	499 > 80	1873.038	2865.032	1.00	4.70	8.172	9.280	9.70	104.5	NO	2.070	NO
43	25 9Cl-PF30NS	531 > 351.0	5224.302	2865.032	1.00	4.92	22.793	9.320	6.67	71.5	NO	14.600	NO
44	26 PFDA	513 > 468.8	10318.187	7916.729	1.00	4.99	16.292	10.000	12.5	125.4	NO	6.798	NO
45	27 8:2 FTS	526.9 > 507.0	2467.276	1047.464	1.00	4.96	29.443	9.600	12.4	129.1	NO	1.484	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	7988.119		1.00	4.61	7988.119	12.500	11.8	94.8	NO		
47	67 13C8-PFOSA-EIS	506. > 78	2742.472		1.00	4.66	2742.472	12.500	11.9	94.9	NO		
48	71 13C8-PFOS-EIS	507.0 > 80	2865.032		1.00	4.69	2865.032	12.500	13.5	107.8	NO		
49	71 13C8-PFOS-EIS	507.0 > 80	2865.032		1.00	4.69	2865.032	12.500	13.5	107.8	NO		
50	73 13C2-PFDA-EIS	515.1 > 469.9	7916.729		1.00	4.99	7916.729	12.500	11.0	88.3	NO		
51	75 13C2-8:2 FTS-EIS	528.9 > 79.9	1047.464		1.00	4.96	1047.464	12.500	9.71	77.6	NO		
52	-1												
53	28 PFNS	549.0 > 79.9	1688.751	2865.032	1.00	5.05	7.368	9.600	7.75	80.7	NO	1.475	NO
54	29 L-MeFOSAA	570 > 419	5368.835	6846.653	1.00	5.14	9.802	10.000	9.67	96.7	NO	2.487	NO
55	31 L-EtFOSAA	583.6 > 418.9	3550.172	7345.354	1.00	5.30	6.042	10.000	9.08	90.8	NO	1.031	NO
56	33 PFUdA	563.0 > 518.9	10455.924	13970.476	1.00	5.32	9.355	10.000	10.4	103.9	NO	11.757	NO
57	34 PFDS	599.0 > 80.0	1818.064	2865.032	1.00	5.37	7.932	9.640	10.6	109.6	NO	1.564	YES
58	35 11Cl-PF30UdS	630.9 > 450.9	5613.173	13244.838	1.00	5.53	5.298	9.440	7.80	82.6	NO	23.389	NO
59	71 13C8-PFOS-EIS	507.0 > 80	2865.032		1.00	4.69	2865.032	12.500	13.5	107.8	NO		
60	77 d3-N-MeFOSAA-EIS	573. > 419	6846.653		1.00	5.14	6846.653	12.500	11.5	91.8	NO		
61	81 d5-N-EtFOSAA-EIS	589. > 419	7345.354		1.00	5.30	7345.354	12.500	15.4	123.5	NO		
62	79 13C2-PFUdA-EIS	565 > 519.8	13970.476		1.00	5.32	13970.476	12.500	13.2	105.7	NO		
63	71 13C8-PFOS-EIS	507.0 > 80	2865.032		1.00	4.69	2865.032	12.500	13.5	107.8	NO		
64	83 13C2-PFDoA-EIS	615 > 570	13244.838		1.00	5.61	13244.838	12.500	12.6	100.5	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607		980.825	1.00			10.000		(A)	NO		
67	37 PFDoA	612.9 > 569.0	9879.721	13244.838	1.00	5.61	9.324	10.000	8.89	88.9	NO	8.054	NO
68	38 N-MeFOSA	512.1 > 168.9		12384.640	1.00			9.600		(A)	NO		
69	39 PFTrDA	662.9 > 618.9	12688.644	13244.838	1.00	5.86	11.975	10.000	11.8	118.4	NO	10.391	NO
70	40 PFDoS	698.9 > 80		11433.596	1.00			10.000		(A)	NO		
71	41 PFTeDA	713.0 > 669.0	10825.055	11433.596	1.00	6.08	11.835	10.000	8.46	84.6	NO	14.651	NO
72	85 13C2-10:2 FTS-EIS	633 > 79.9	980.825		1.00	5.59	980.825	12.500	10.6	84.8	NO		

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	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83 13C2-PFDoA-EIS	615 > 570	13244.838		1.00	5.61	13244.838	12.500	12.6	100.5	NO		
74	87 d3-N-MeFOSA-EIS	515.2 > 168.9	12384.640		1.00	5.73	12384.640	149.200	146	97.8	NO		
75	83 13C2-PFDoA-EIS	615 > 570	13244.838		1.00	5.61	13244.838	12.500	12.6	100.5	NO		
76	89 13C2-PFTeDA-EIS	715.1 > 669.7	11433.596		1.00	6.08	11433.596	12.500	12.9	103.2	NO		
77	89 13C2-PFTeDA-EIS	715.1 > 669.7	11433.596		1.00	6.08	11433.596	12.500	12.9	103.2	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9		18588.209	1.00			9.600			NO		
80	43 PFHxDA	813.1 > 768.6		16963.168	1.00			10.000			NO		
81	44 PFODA	913.1 > 868.8		16963.168	1.00			10.000			NO		
82	45 N-MeFOSE	616.1 > 58.9		10032.755	1.00			9.600			NO		
83	46 N-EtFOSE	630.1 > 58.9		10874.722	1.00			9.600			NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	2091.061	2547.852	1.00	1.31	10.259	12.500	13.9	111.0	NO		
85	91 d5-N-ETFOSA-EIS	531.1 > 168.9	18588.209		1.00	6.17	18588.209	149.200	146	97.8	NO		
86	93 13C2-PFHxDA-EIS	815 > 769.7	16963.168		1.00	6.43	16963.168	12.500	14.3	114.4	NO		
87	93 13C2-PFHxDA-EIS	815 > 769.7	16963.168		1.00	6.43	16963.168	12.500	14.3	114.4	NO		
88	95 d7-N-MeFOSE-EIS	623.1 > 58.9	10032.755		1.00	6.36	10032.755	149.200	150	100.5	NO		
89	97 d9-N-EtFOSE-EIS	639.2 > 58.8	10874.722		1.00	6.51	10874.722	149.200	149	99.6	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	4249.510	8274.932	1.00	2.25	6.419	12.500	12.5	99.9	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	973.931	1130.907	1.00	2.53	10.765	12.500	13.6	109.2	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	918.653	8274.932	1.00	3.27	1.388	12.500	12.8	102.5	NO		
94	56 13C2-4:2 FTS-RSD	329.0 >79.9	1194.818	1130.907	1.00	2.96	13.206	12.500	12.4	99.1	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	7273.814	8274.932	1.00	3.05	10.988	12.500	11.1	88.9	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	5399.738	8274.932	1.00	3.66	8.157	12.500	13.1	105.2	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	2275.107	1130.907	1.00	3.80	25.147	12.500	12.9	103.1	NO		
98	64 13C2-6:2 FTS-RSD	429.0 >79.9	1364.317	2573.190	1.00	4.11	6.628	12.500	15.0	120.0	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	7988.119	8481.308	1.00	4.61	11.773	12.500	12.8	102.7	NO		
100	68 13C8-PFOSA-RSD	506. > 78	2742.472	12274.143	1.00	4.66	2.793	12.500	12.9	103.3	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	9758.094	13162.406	1.00	4.17	9.267	12.500	11.7	93.6	NO		
102	72 13C8-PFOS-RSD	507.0 > 80	2865.032	2573.190	1.00	4.69	13.918	12.500	13.8	110.7	NO		
103	74 13C2-PFDA-RSD	515.1 > 469.9	7916.729	9612.461	1.00	4.99	10.295	12.500	11.4	91.2	NO		
104	-1												
105	76 13C2-8:2 FTS-RSD	528.9 > 79.9	1047.550	2573.190	1.00	4.96	5.089	12.500	10.5	84.1	NO		
106	78 d3-N-MeFOSAA-RSD	573. > 419	6846.653	12274.143	1.00	5.14	6.973	12.500	12.7	101.9	NO		
107	80 13C2-PFUdA-RSD	565 > 519.8	13970.476	12274.143	1.00	5.32	14.228	12.500	13.8	110.2	NO		
108	82 d5-N-EtFOSAA-RSD	589. > 419	7345.354	12274.143	1.00	5.30	7.481	12.500	15.1	120.6	NO		

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Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	615 > 570	13244.838	9612.461	1.00	5.61	17.224	12.500	12.5	99.7	NO		
110	86	13C2-10:2 FTS-RSD	633 > 79.9	980.825	2573.190	1.00	5.59	4.765	12.500	13.1	105.1	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	12384.640	12274.143	1.00	5.73	12.613	149.200	147	98.7	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	11433.596	12274.143	1.00	6.08	11.644	12.500	13.9	111.6	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	18588.209	12274.143	1.00	6.17	18.930	149.200	152	101.7	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	16963.168	12274.143	1.00	6.43	17.275	12.500	12.7	101.8	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	10032.755	12274.143	1.00	6.36	10.217	149.200	161	107.8	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	10874.722	12274.143	1.00	6.51	11.075	149.200	156	104.6	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	2547.852	2547.852	1.00	1.31	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	8274.932	8274.932	1.00	3.05	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	13162.406	13162.406	1.00	4.17	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0	1130.907	1130.907	1.00	3.80	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	8481.308	8481.308	1.00	4.61	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	2573.190	2573.190	1.00	4.69	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	9612.461	9612.461	1.00	4.99	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	12274.143	12274.143	1.00	5.31	12.500	12.500	12.5	100.0	NO		

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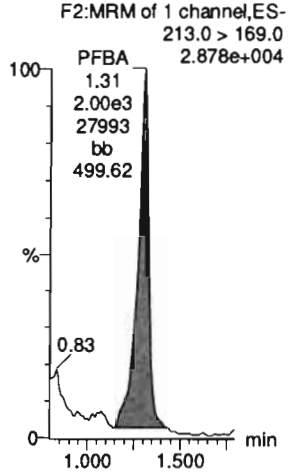
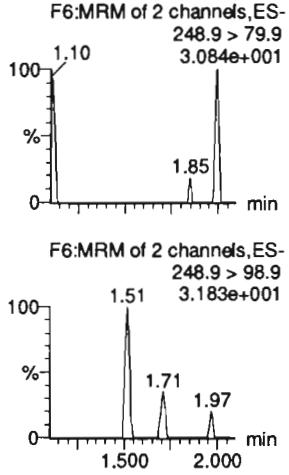
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220_ICV.mdb 03 Jun 2020 09:46:43
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

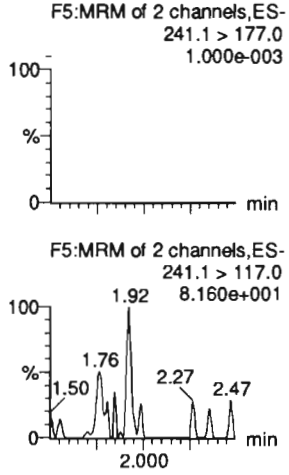
PFBA



PFPrS



3:3 FTCA



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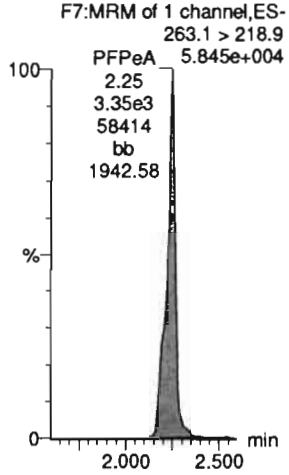

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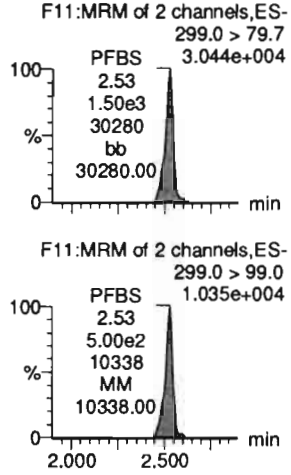
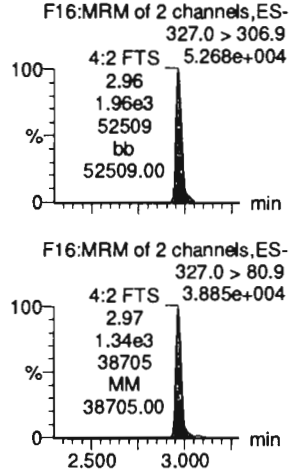
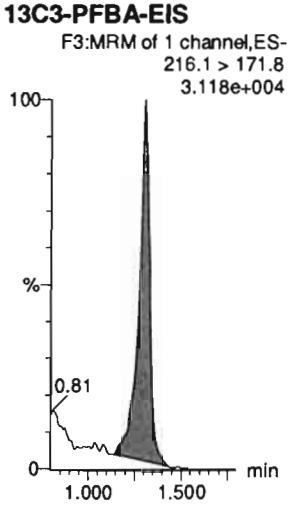


4:2 FTS



13C3-PFBA-EIS



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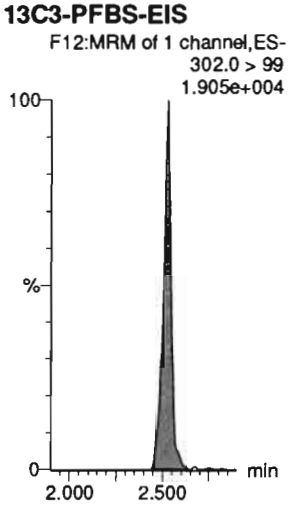

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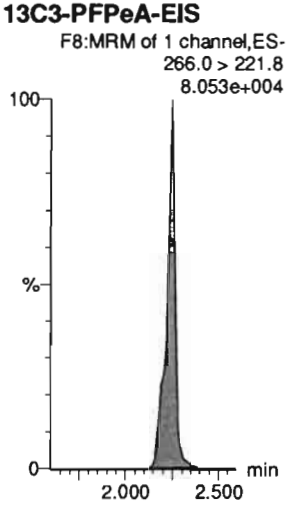

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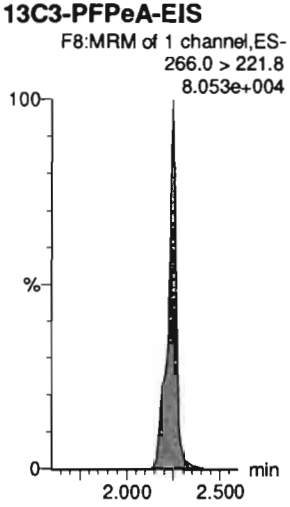

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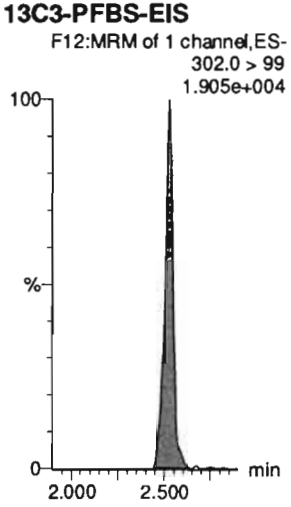
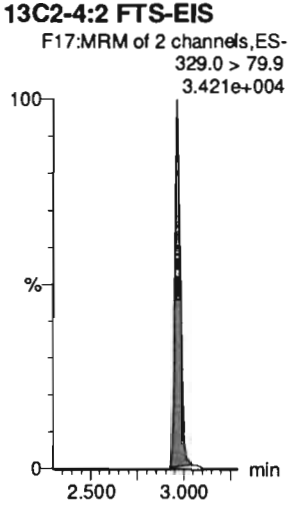


13C2-4:2 FTS-EIS



FBR 6/3/2020

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Last Altered: Wednesday, June 03, 2020 09:51:43 Pacific Daylight Time
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Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

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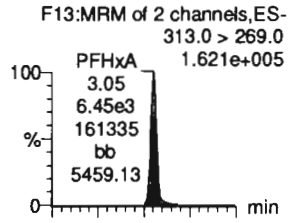

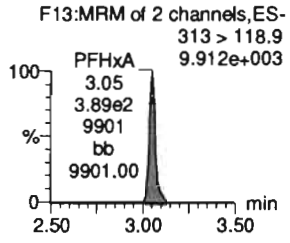

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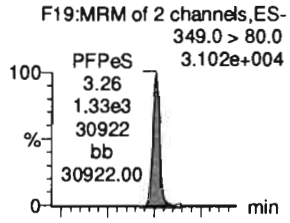
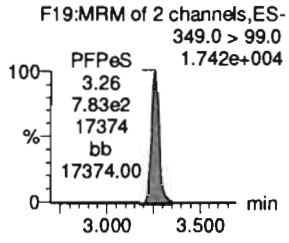
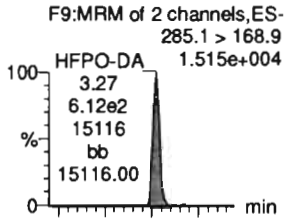
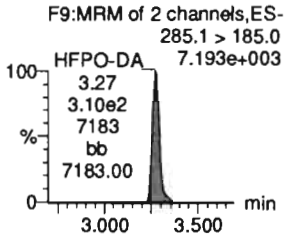




HFPO-DA





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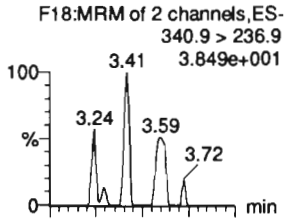
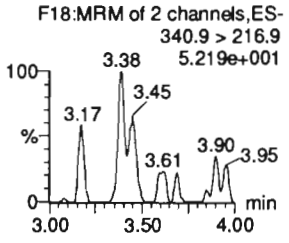
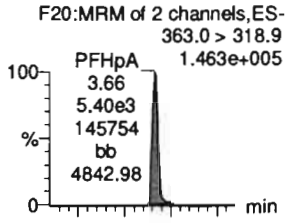
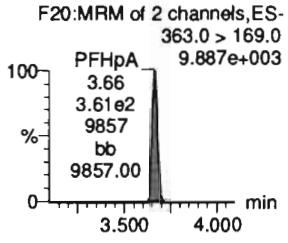




PFHpA





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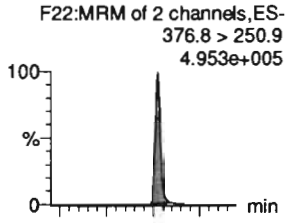

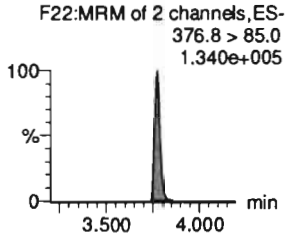

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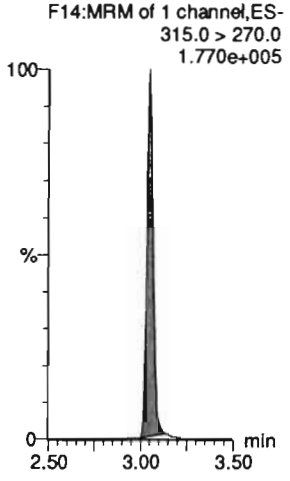
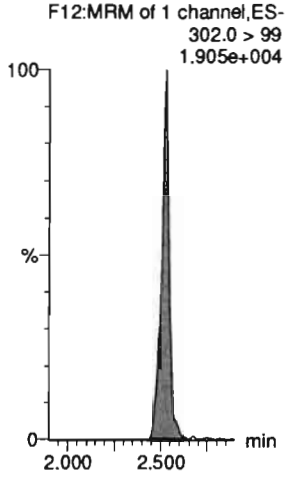
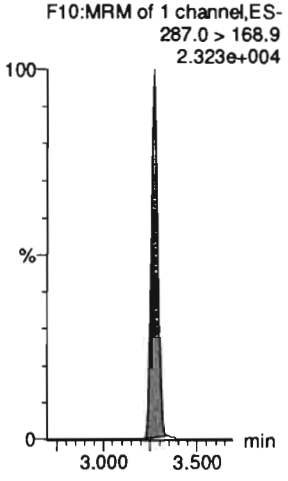


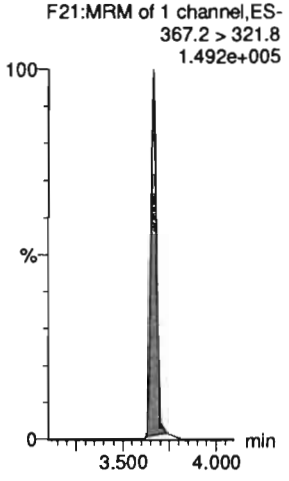
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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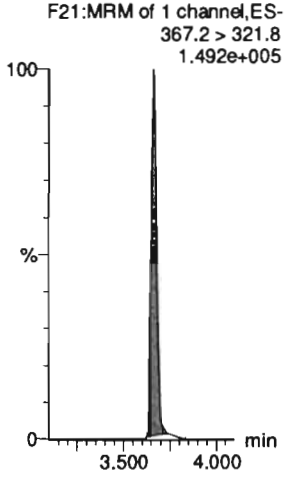

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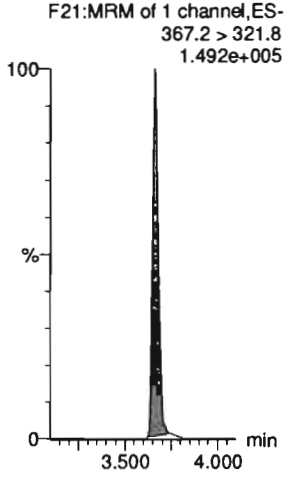

FBR 6/3/2020

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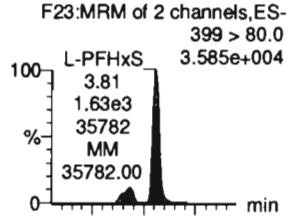
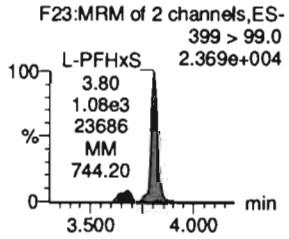
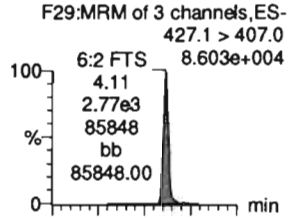
Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

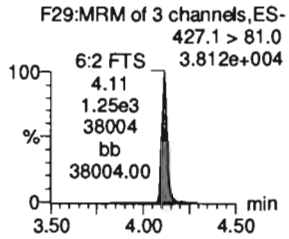
L-PFHxS



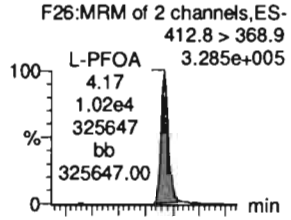


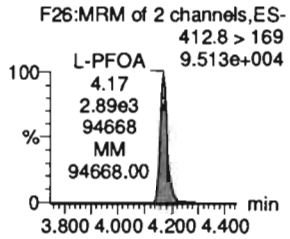
6:2 FTS





L-PFOA





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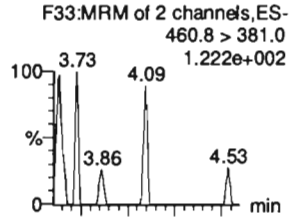
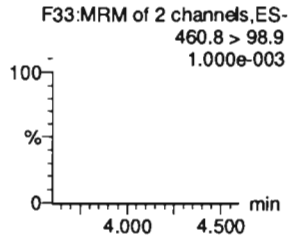
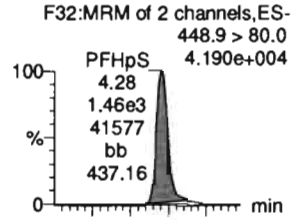
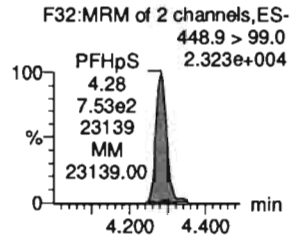


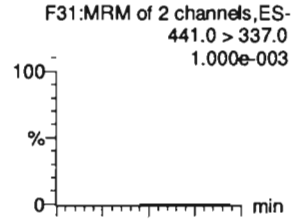


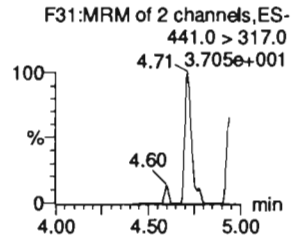
PFHpS



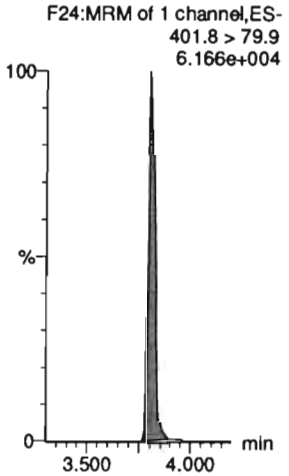


7:3 FTCA

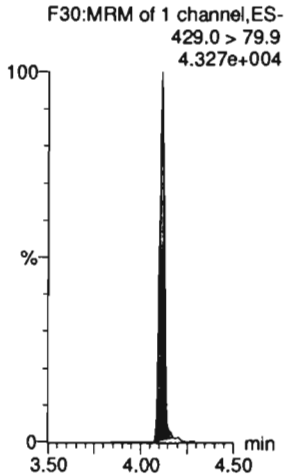




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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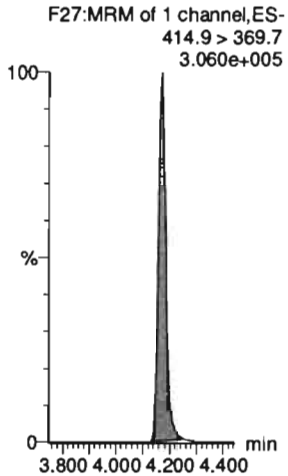

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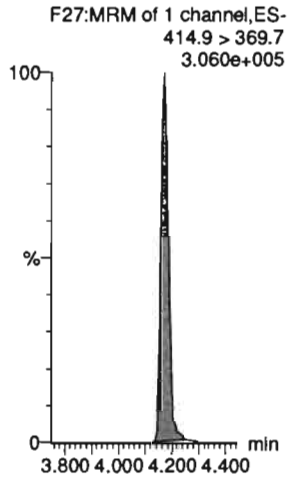
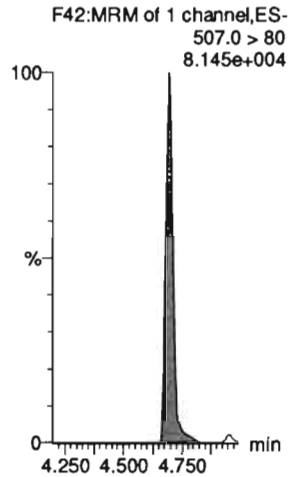


13C8-PFOS-EIS



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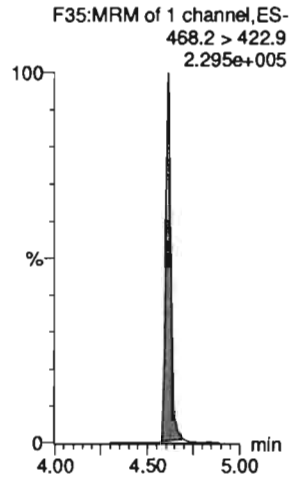

FBR 6/3/2020

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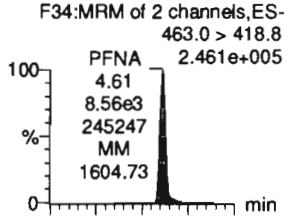
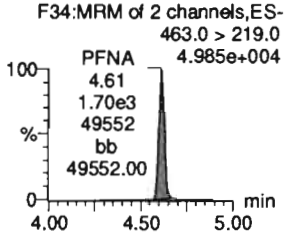
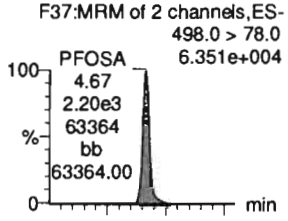
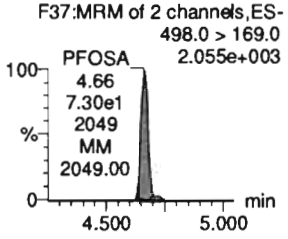


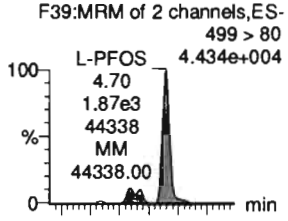


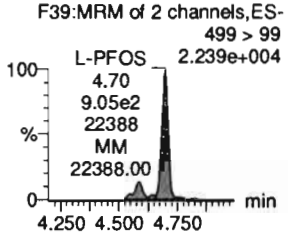
PFOSA



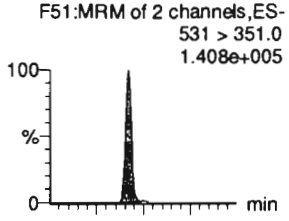


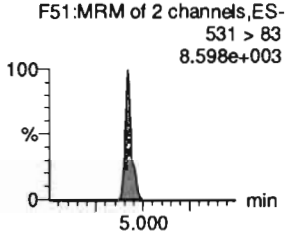
L-PFOS



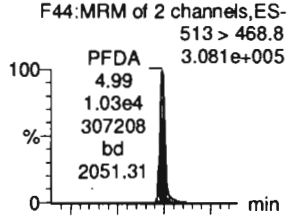


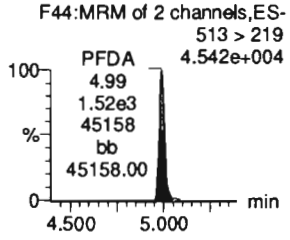
9Cl-PF30NS



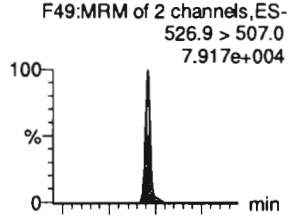


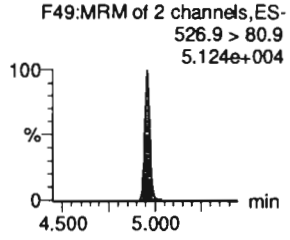
PFDA



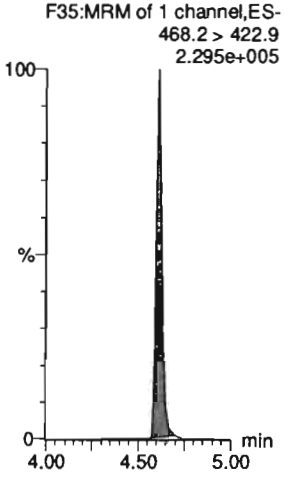


8:2 FTS

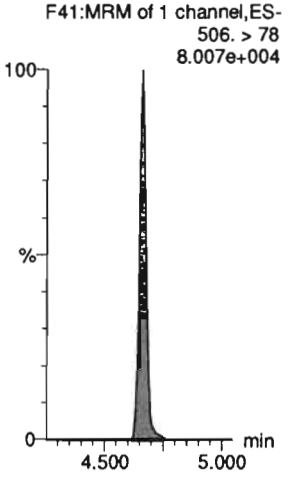




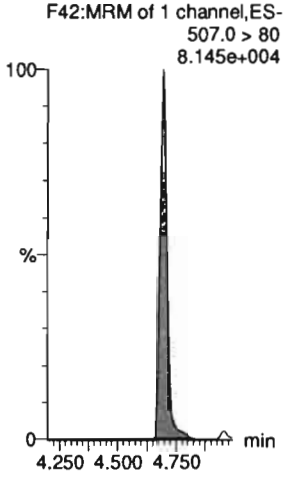
13C5-PFNA-EIS



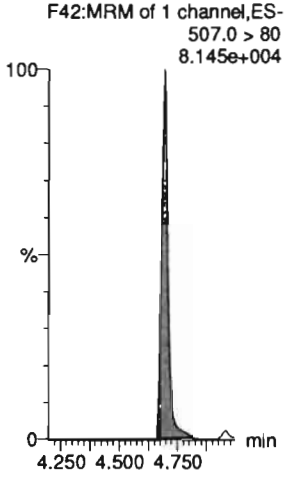
13C8-PFOSA-EIS



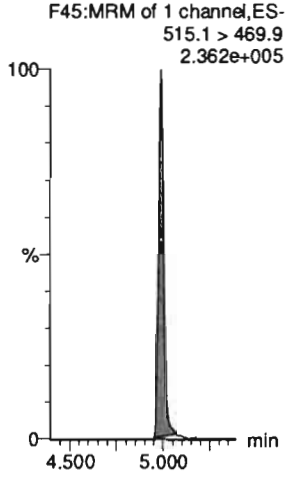
13C8-PFOS-EIS



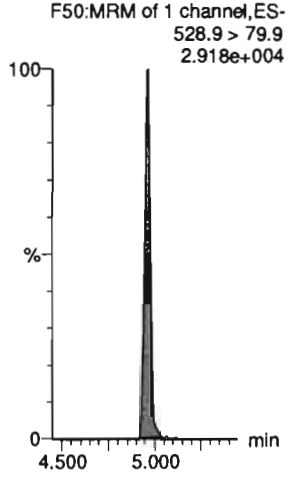
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



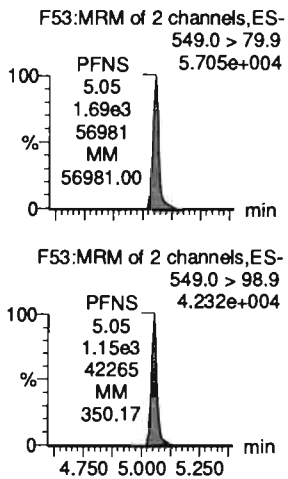
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-ICV.qld

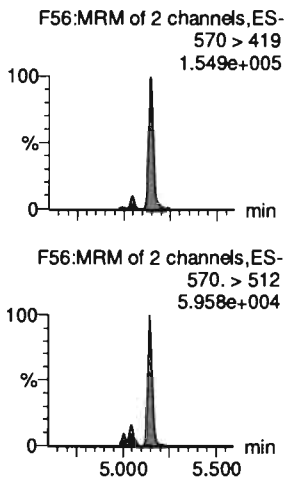
Last Altered: Wednesday, June 03, 2020 09:51:43 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:51:54 Pacific Daylight Time

Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

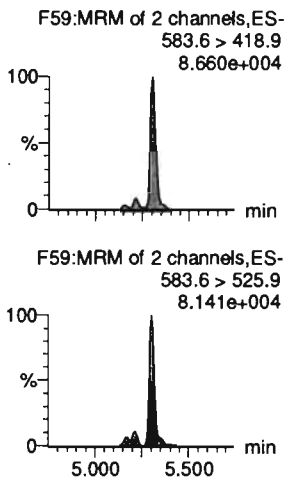
PFNS



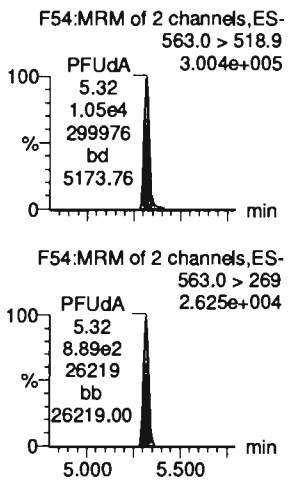
L-MeFOSAA



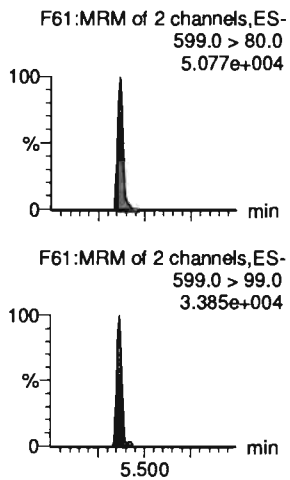
L-EtFOSAA



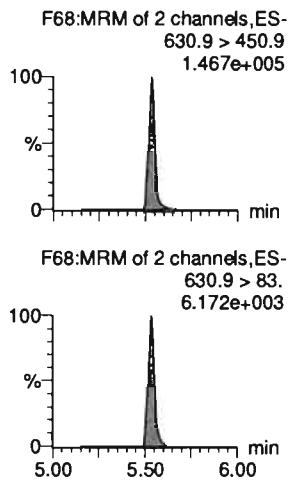
PFUdA



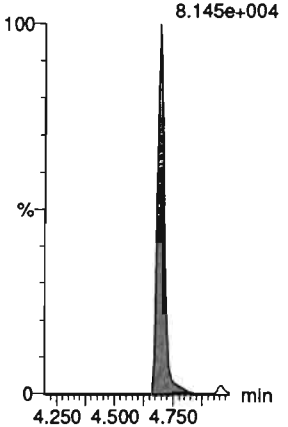
PFDS



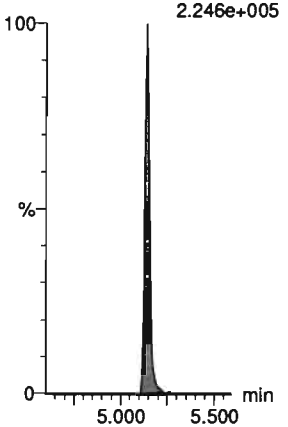
11Cl-PF30UdS



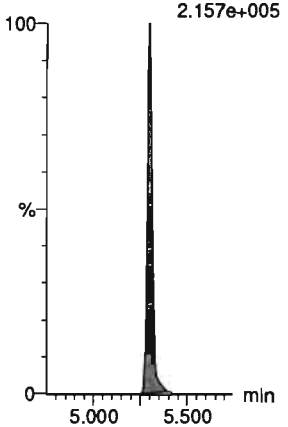
13C8-PFOS-EIS



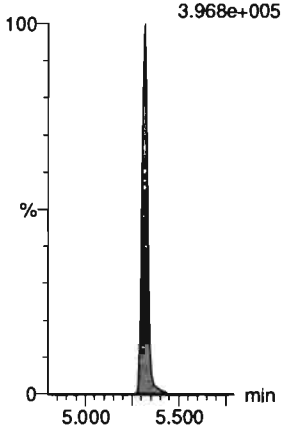
d3-N-MeFOSAA-EIS



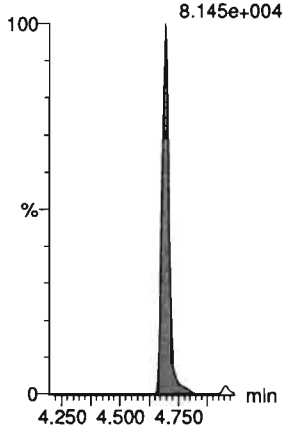
d5-N-EtFOSAA-EIS



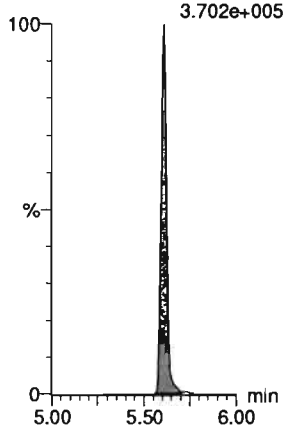
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



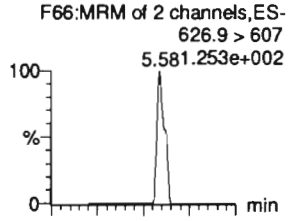
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-ICV.qld

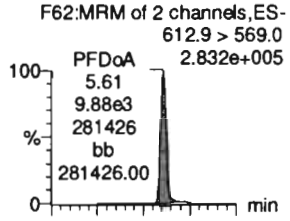
Last Altered: Wednesday, June 03, 2020 09:51:43 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:51:54 Pacific Daylight Time

Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

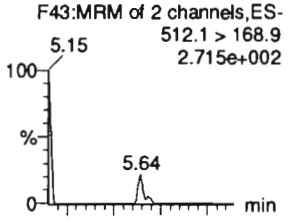
10:2 FTS



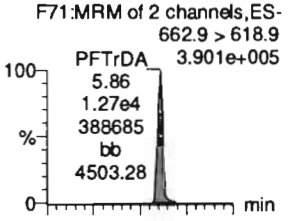
PFDoA



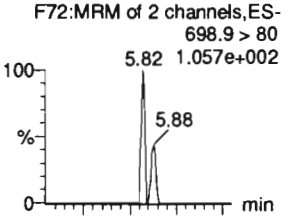
N-MeFOSA



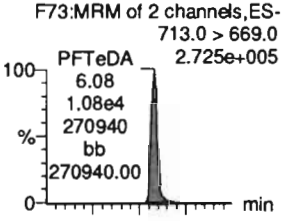
PFTrDA



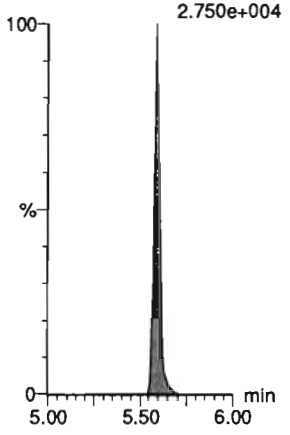
PFDoS



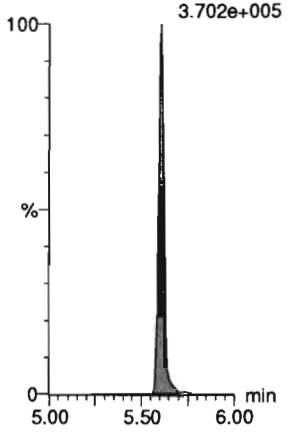
PFTeDA



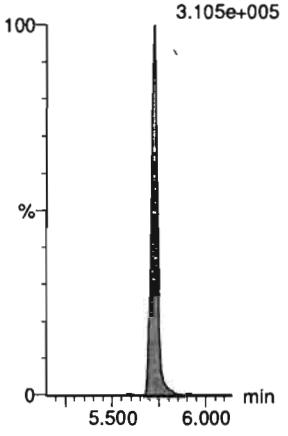
13C2-10:2 FTS-EIS



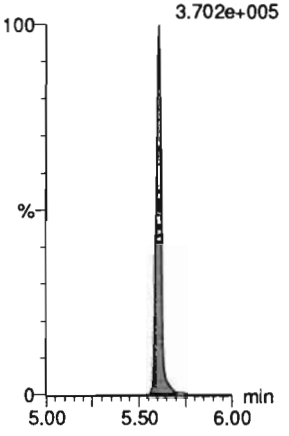
13C2-PFDoA-EIS



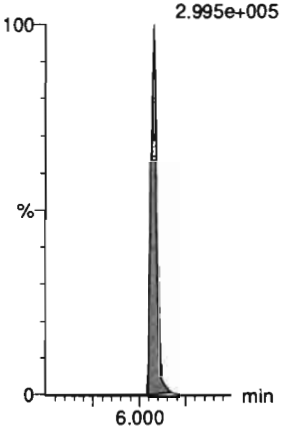
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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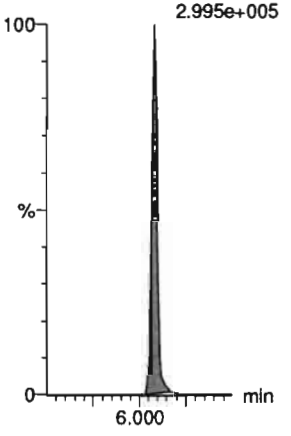


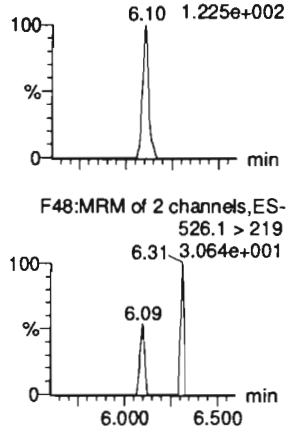
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-ICV.qld

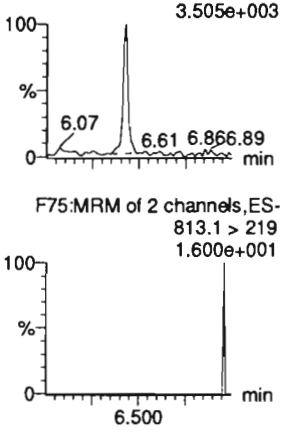
Last Altered: Wednesday, June 03, 2020 09:51:43 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:51:54 Pacific Daylight Time

Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

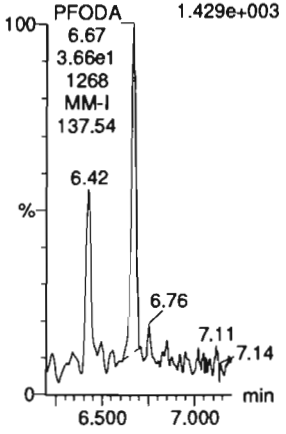
N-EtFOSA



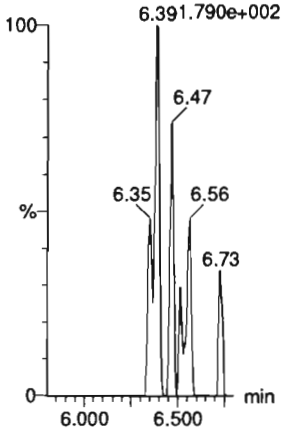
PFHxDA



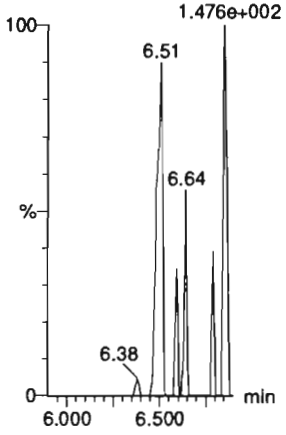
PFODA



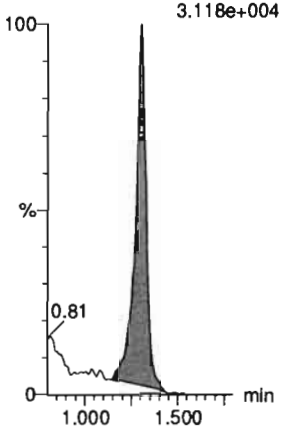
N-MeFOSE



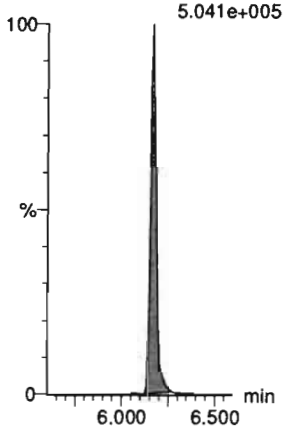
N-EtFOSE



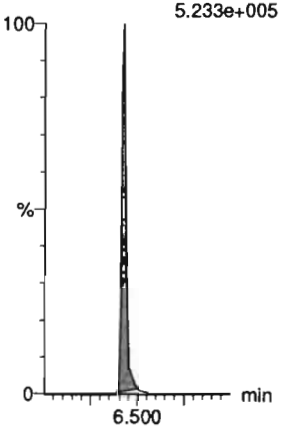
13C3-PFBA-RSD



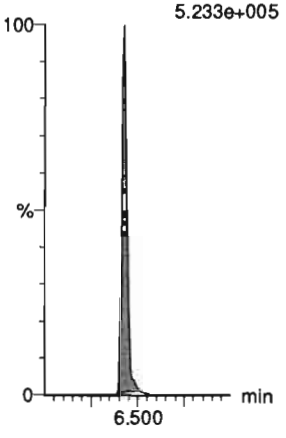
d5-N-ETFOSA-EIS



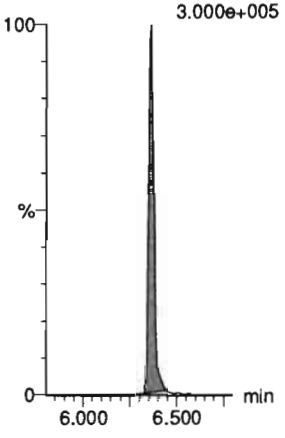
13C2-PFHxDA-EIS



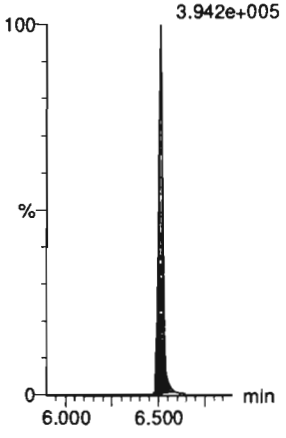
13C2-PFHxDA-EIS



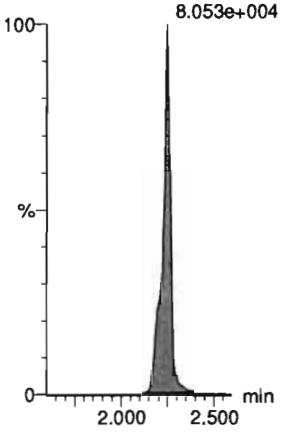
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



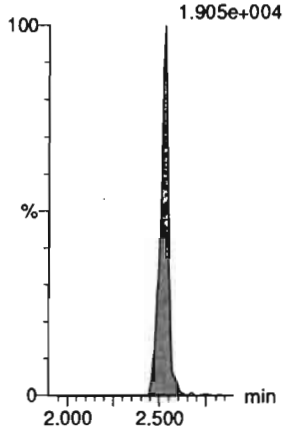
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-ICV.qld

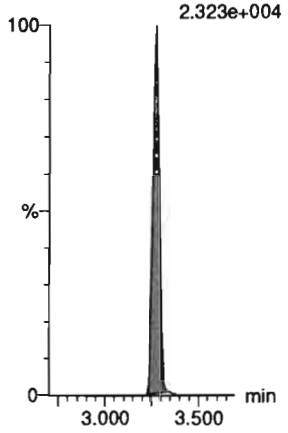
Last Altered: Wednesday, June 03, 2020 09:51:43 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:51:54 Pacific Daylight Time

Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

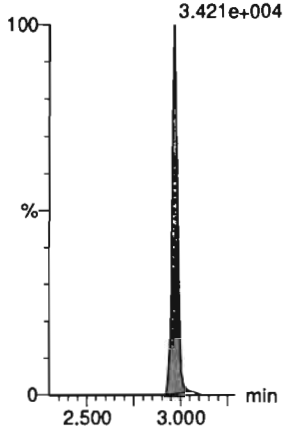
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
1.905e+004



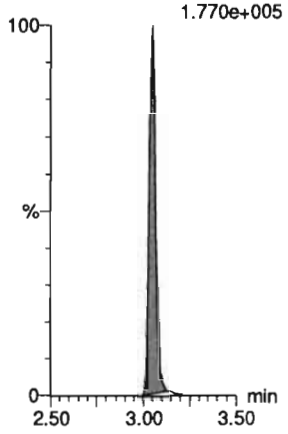
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.323e+004



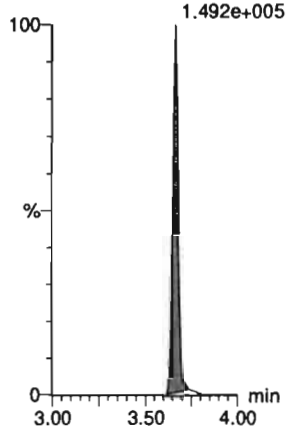
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
3.421e+004



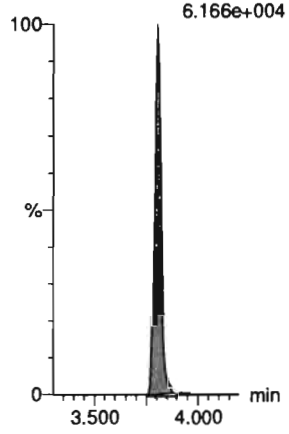
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
1.770e+005



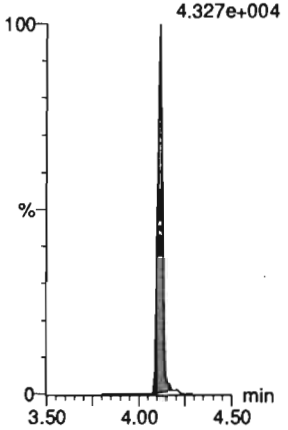
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.492e+005



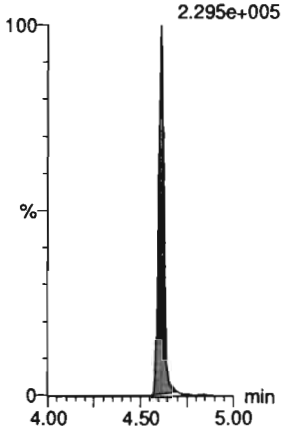
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
6.166e+004



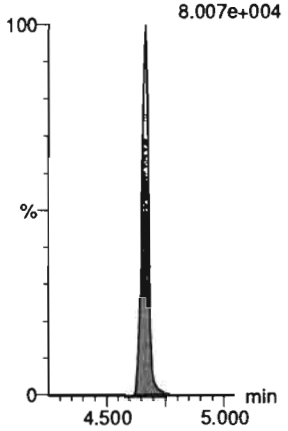
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.327e+004



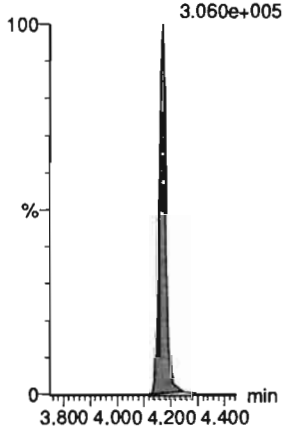
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.295e+005



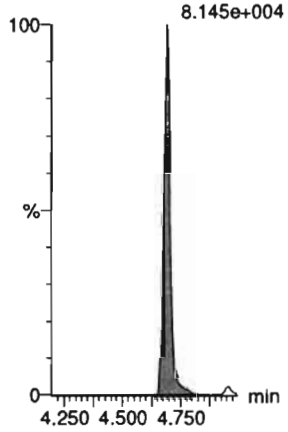
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
8.007e+004



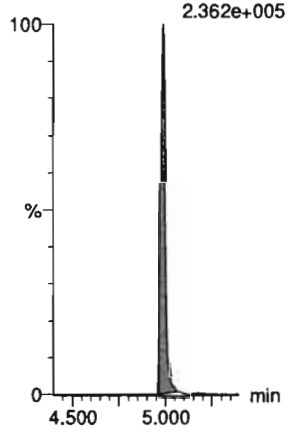
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.060e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
8.145e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.362e+005



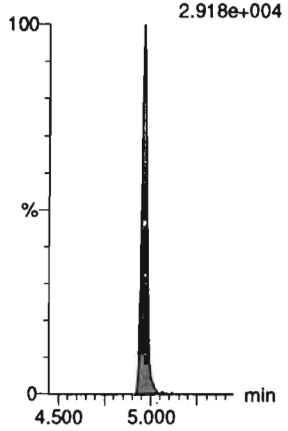
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-ICV.qld

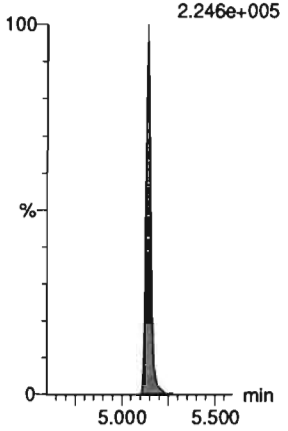
Last Altered: Wednesday, June 03, 2020 09:51:43 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:51:54 Pacific Daylight Time

Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

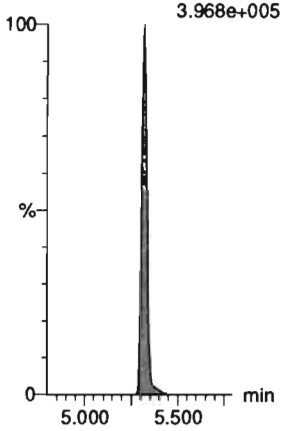
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
2.918e+004



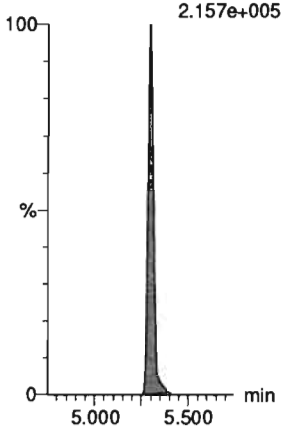
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.246e+005



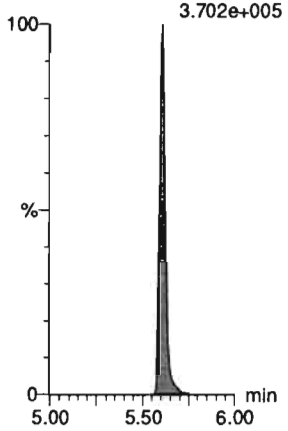
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.968e+005



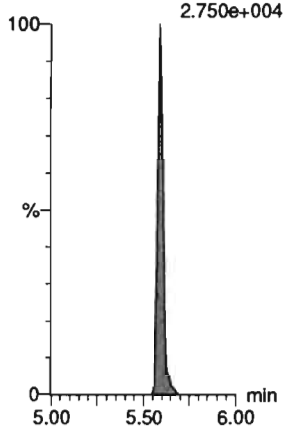
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.157e+005



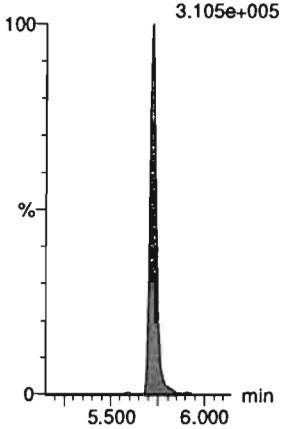
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
3.702e+005



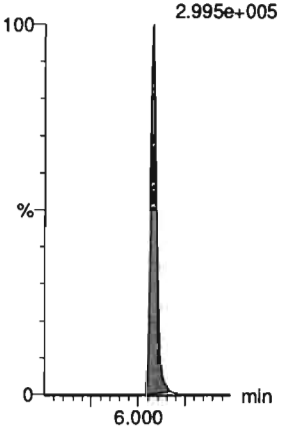
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
2.750e+004



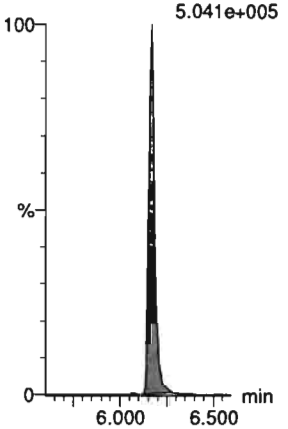
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.105e+005



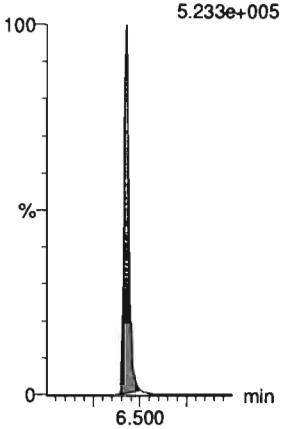
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.995e+005



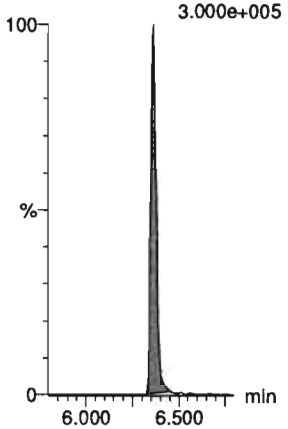
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
5.041e+005



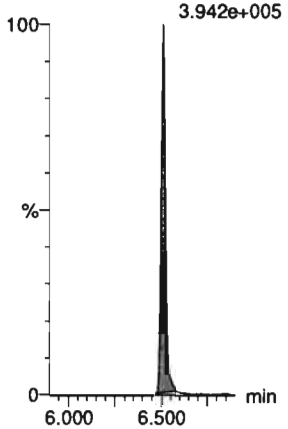
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.233e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
3.000e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
3.942e+005



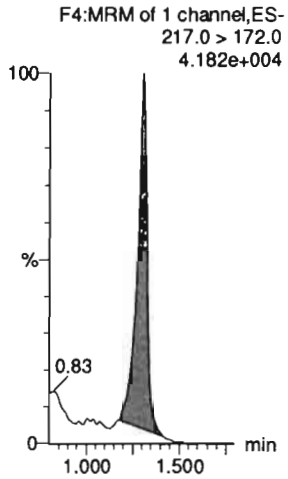
FBR 6/3/2020

Dataset: F:\Projects\PFAS.PRO\Results\200602M1\200602M1-ICV.qld

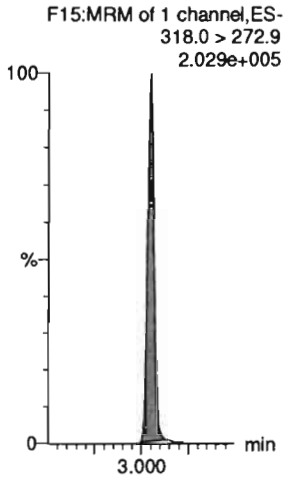
Last Altered: Wednesday, June 03, 2020 09:51:43 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 09:51:54 Pacific Daylight Time

Name: 200602M2_14, Date: 02-Jun-2020, Time: 18:31:47, ID: ICV200602M2-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

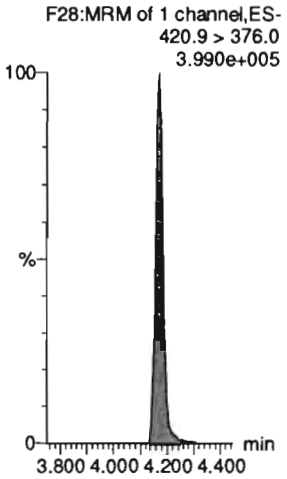
13C4-PFBA



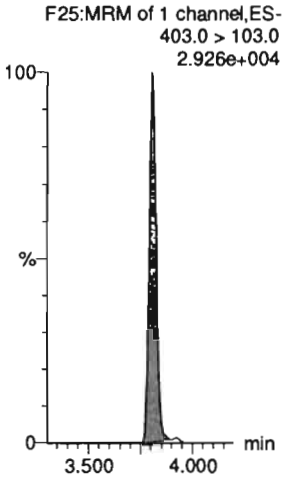
13C5-PFHxA



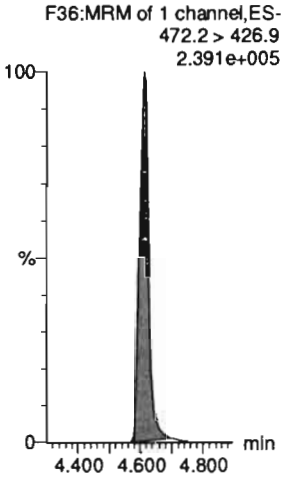
13C8-PFOA



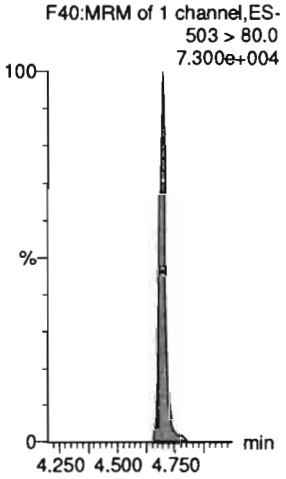
18O2-PFHxS



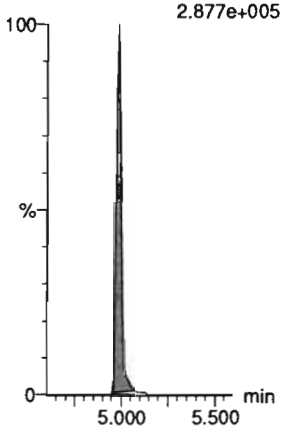
13C9-PFNA



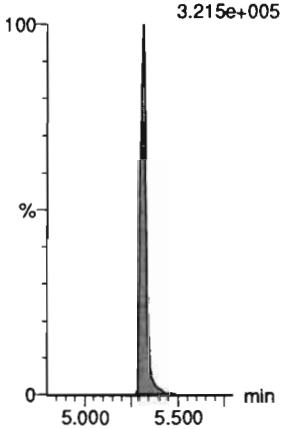
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/3/2020

Vista Analytical Laboratory

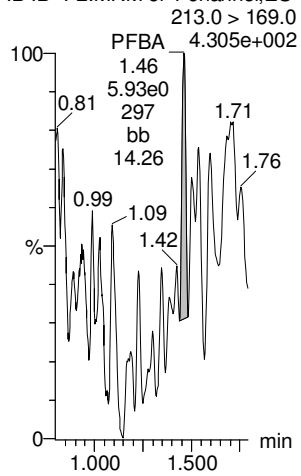
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 10:17:48 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:18:03 Pacific Daylight Time

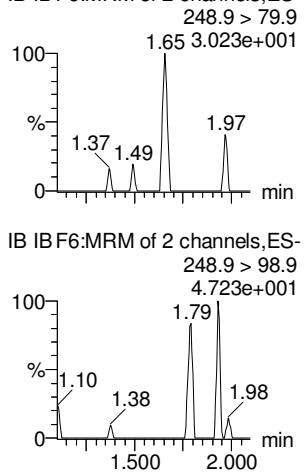
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060220.mdb 03 Jun 2020 08:47:00
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-02-20.cdb 03 Jun 2020 09:30:03

Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

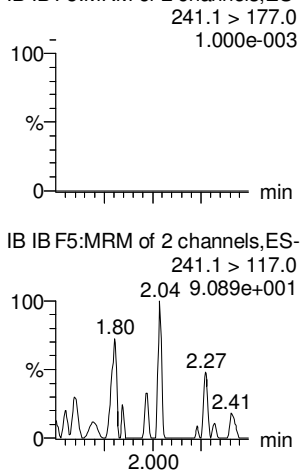
PFBA



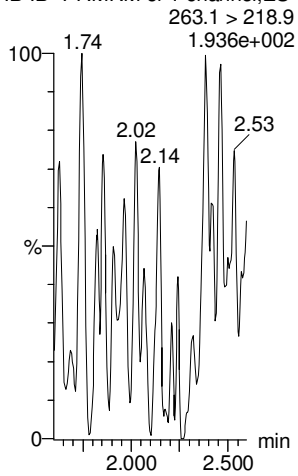
PFPrS



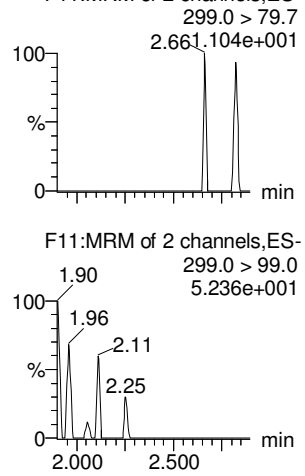
3:3 FTCA



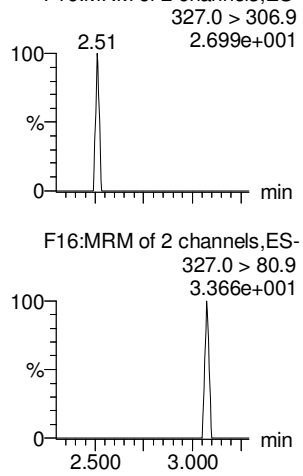
PFPeA



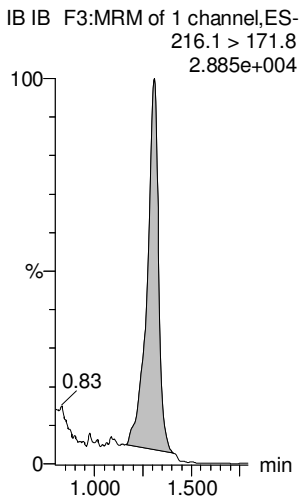
PFBS



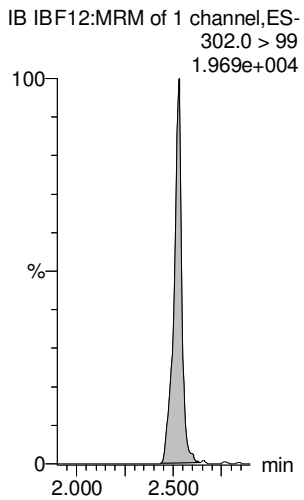
4:2 FTS



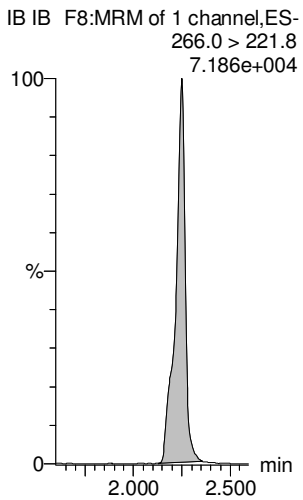
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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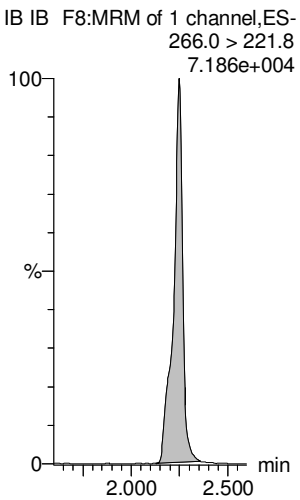
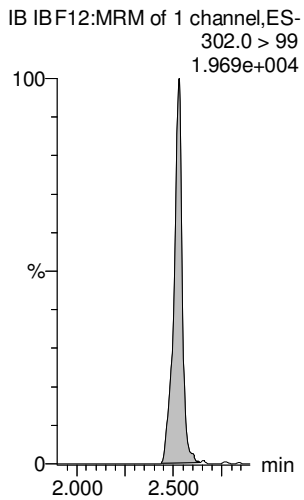
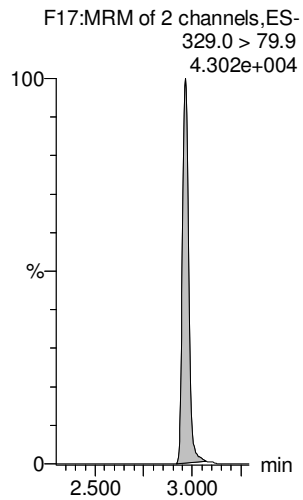


13C3-PFBS-EIS



13C2-4:2 FTS-EIS

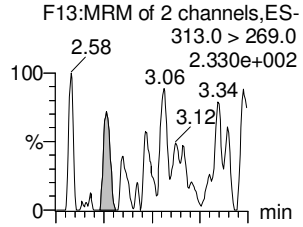


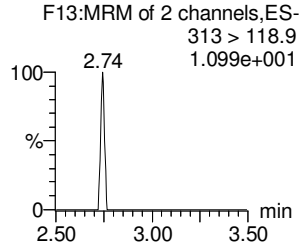
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 10:17:48 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:18:03 Pacific Daylight Time

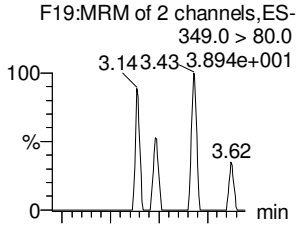
Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

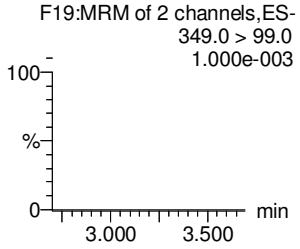
PFHxA





PFPeS





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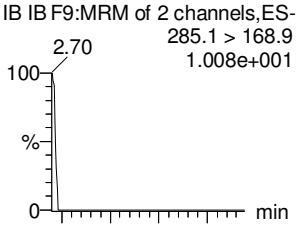
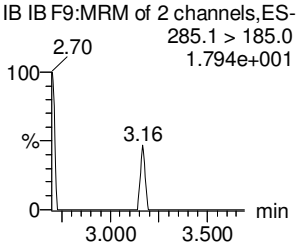
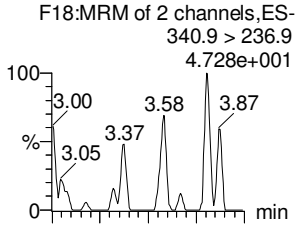
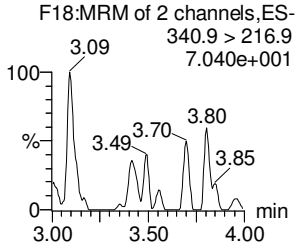


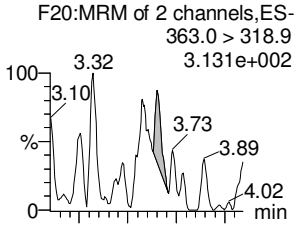


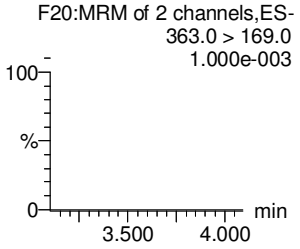
5:3 FTCA





PFHpA





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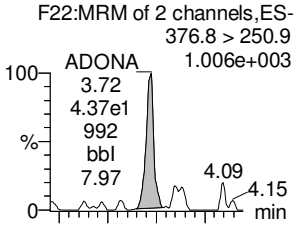
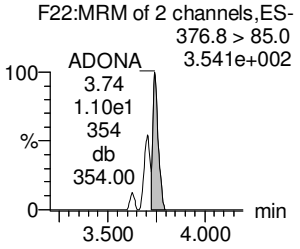
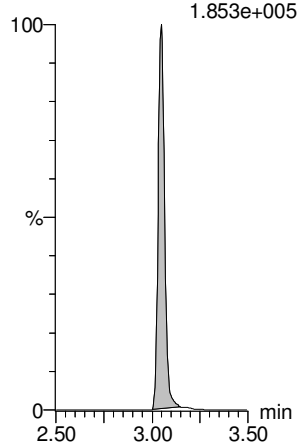




13C2-PFHxA-EIS



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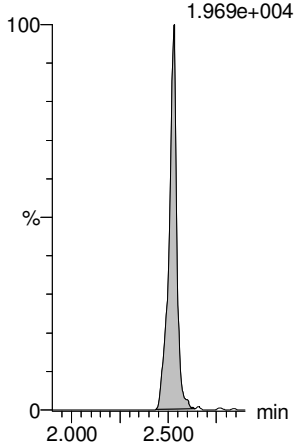
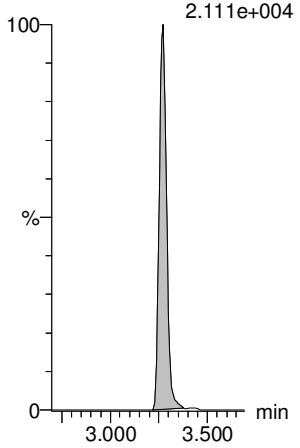


13C3-HFPO-DA-EIS



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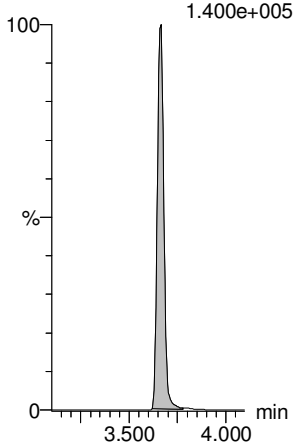

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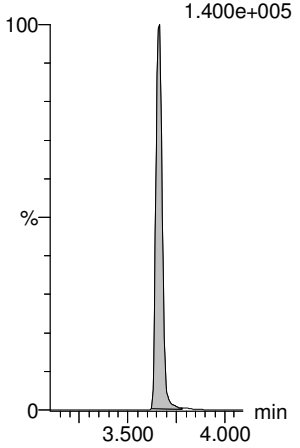

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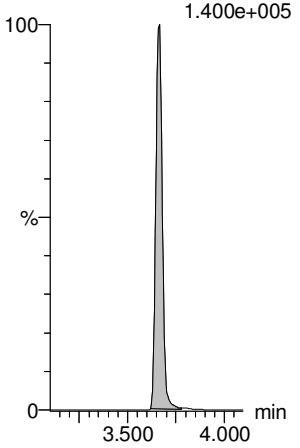

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Printed: Wednesday, June 03, 2020 10:18:03 Pacific Daylight Time

Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

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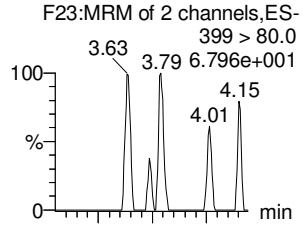
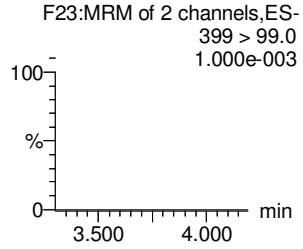
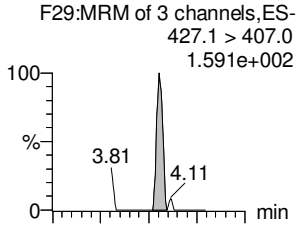
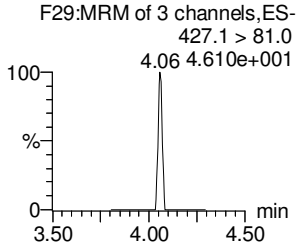




6:2 FTS





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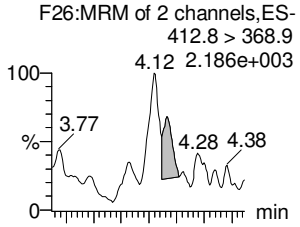

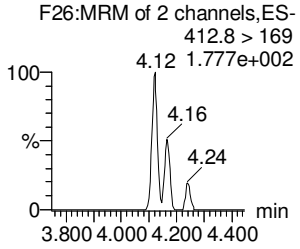

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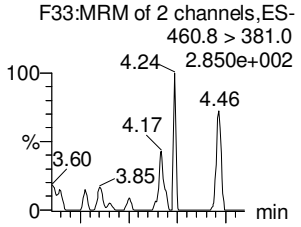

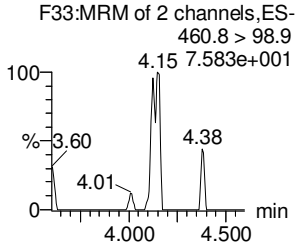

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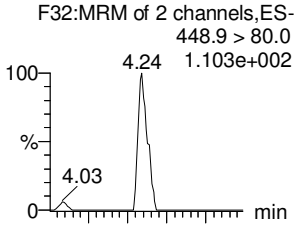
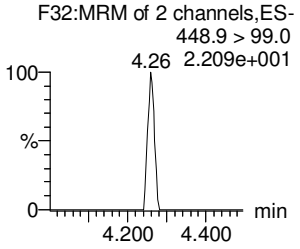
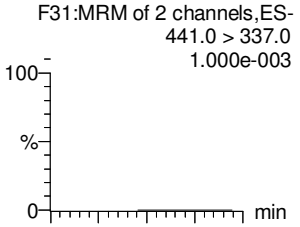
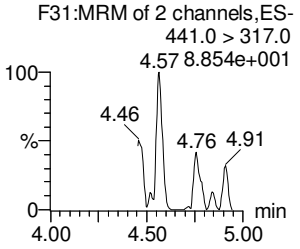




7:3 FTCA





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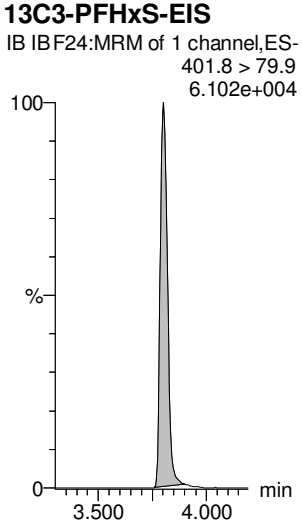

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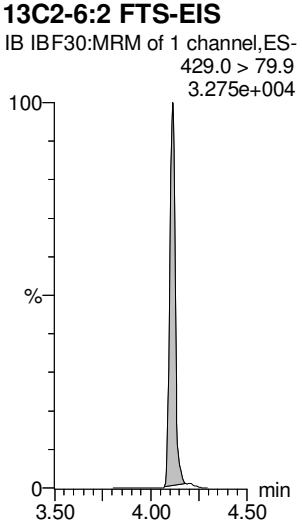

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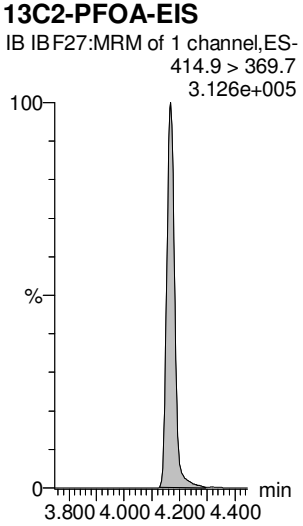

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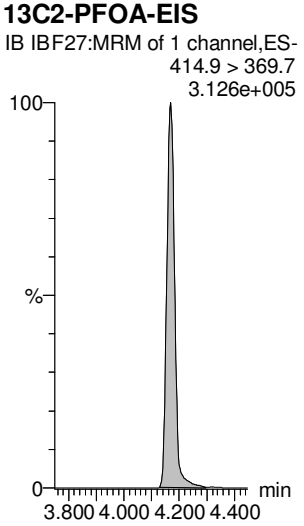

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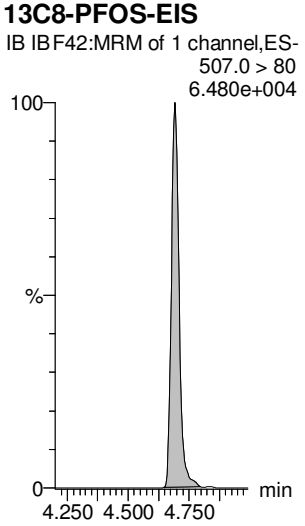

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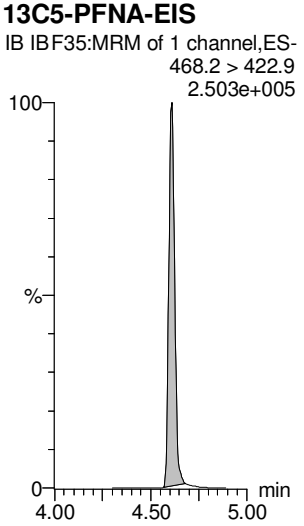

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Last Altered: Wednesday, June 03, 2020 10:17:48 Pacific Daylight Time
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Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

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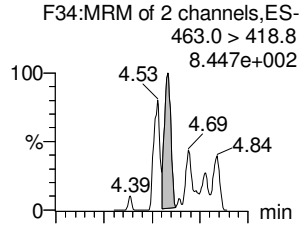

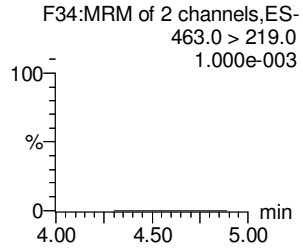

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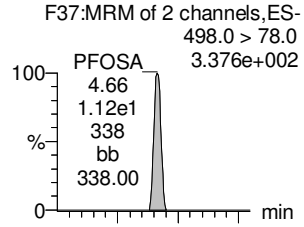
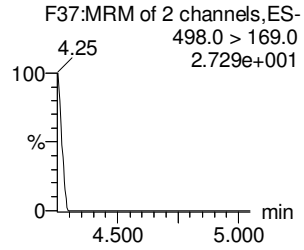
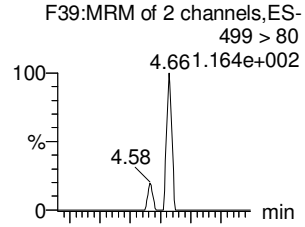
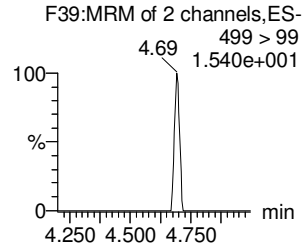




L-PFOS





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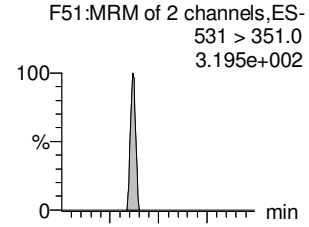

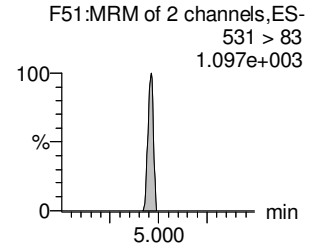

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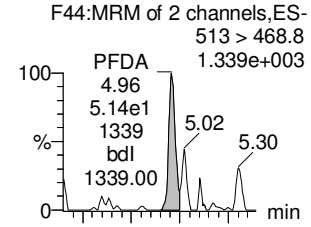

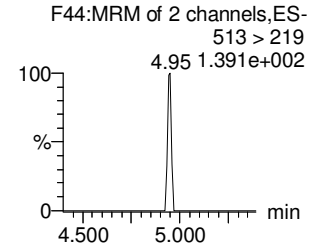

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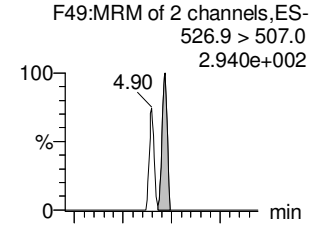

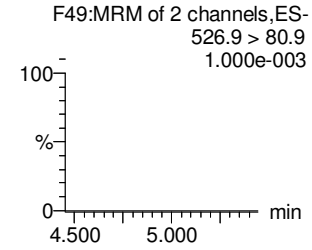

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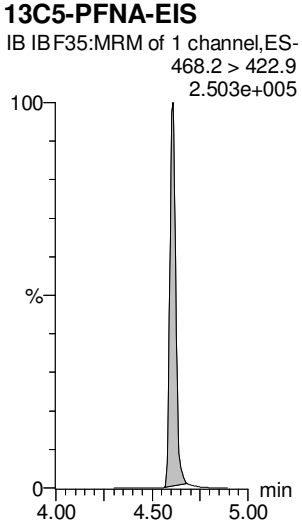
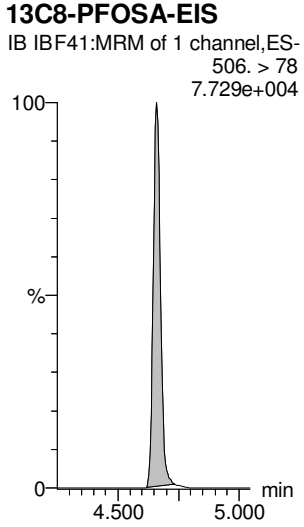


13C8-PFOSA-EIS



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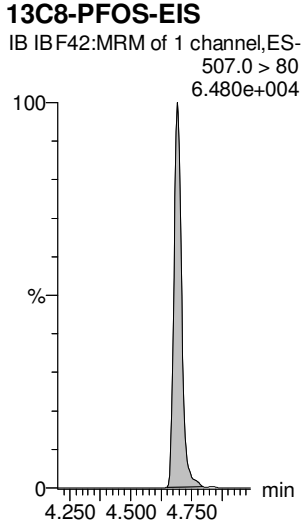

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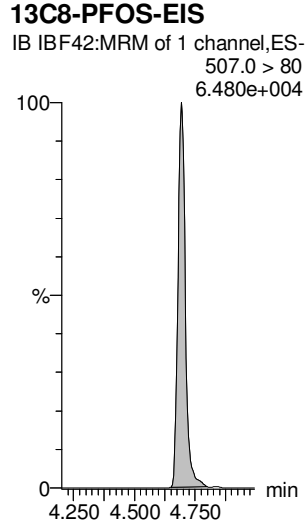

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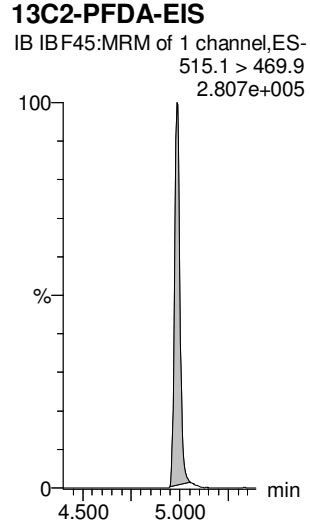

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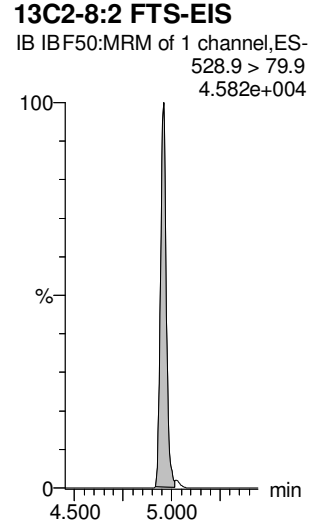

Vista Analytical Laboratory

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Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

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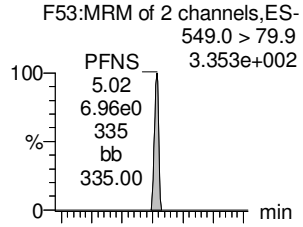

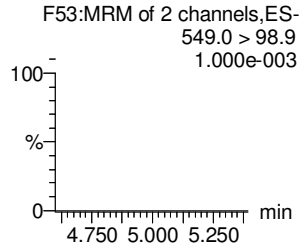

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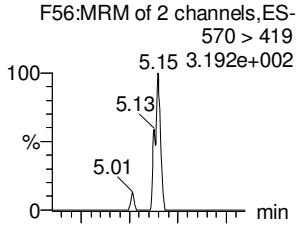

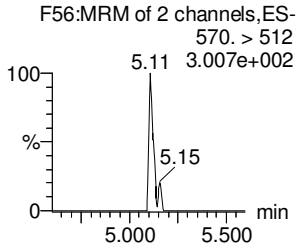

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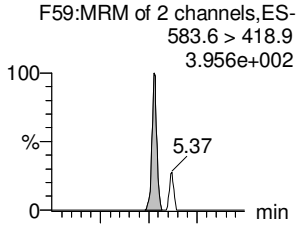

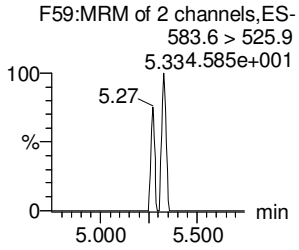

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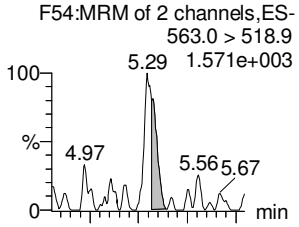

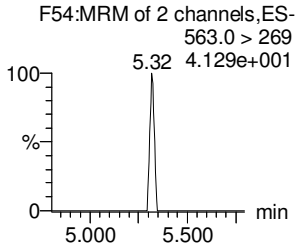

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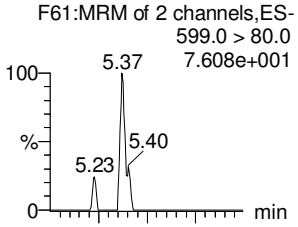

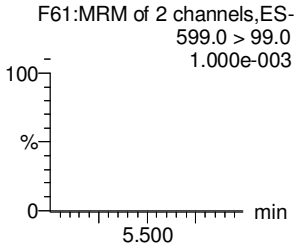

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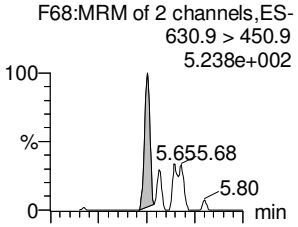
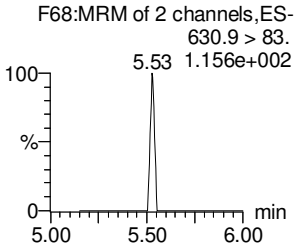
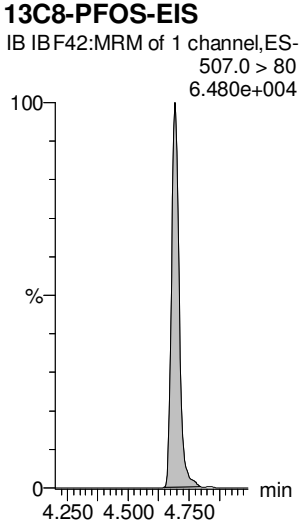




13C8-PFOS-EIS



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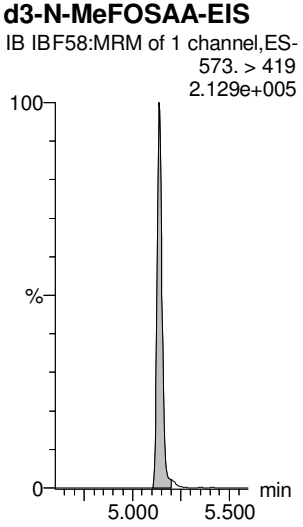

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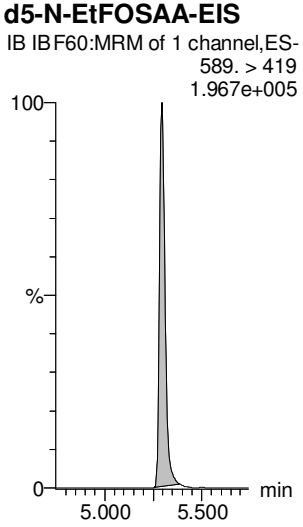

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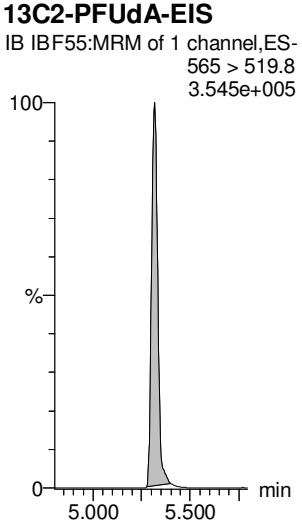

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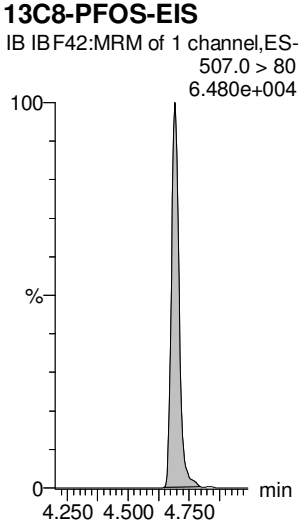

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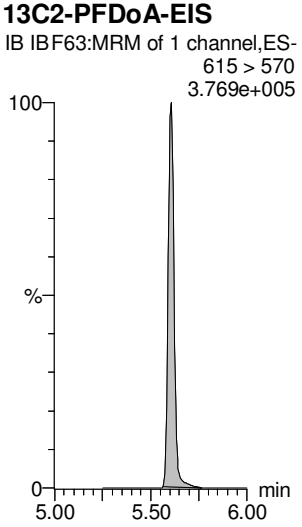

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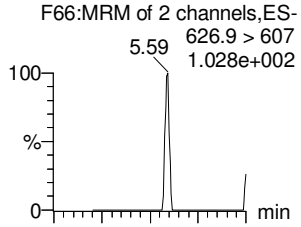
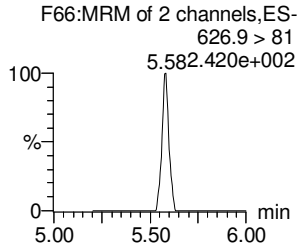
Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

10:2 FTS





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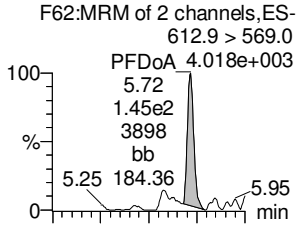

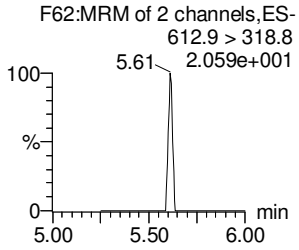

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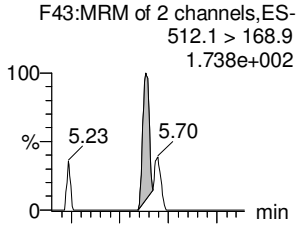

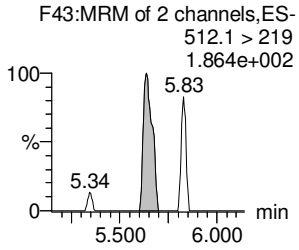

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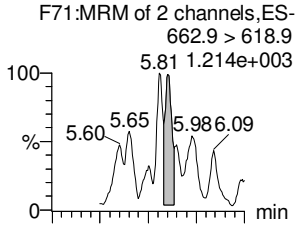

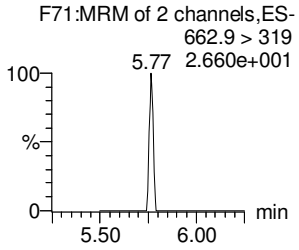

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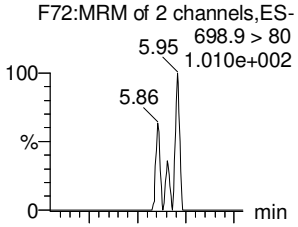

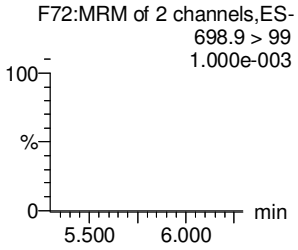

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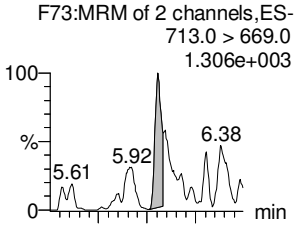

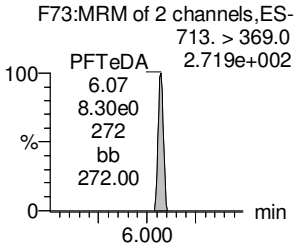

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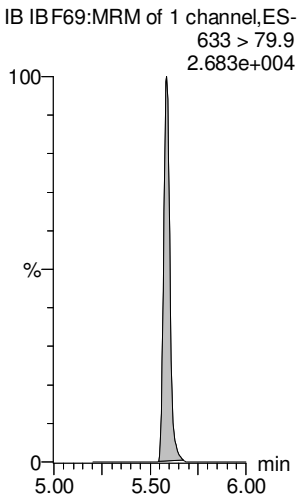

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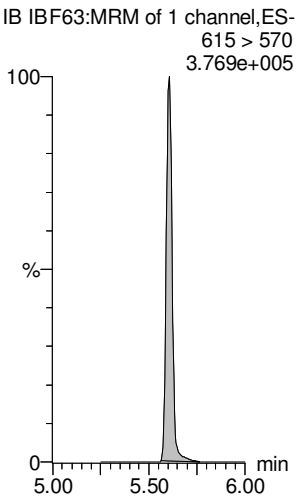

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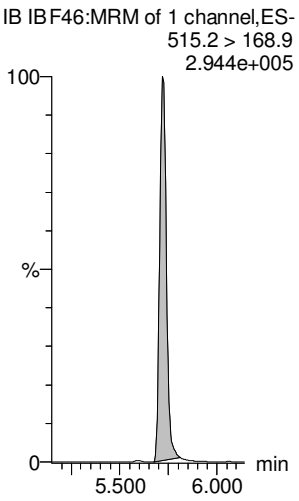

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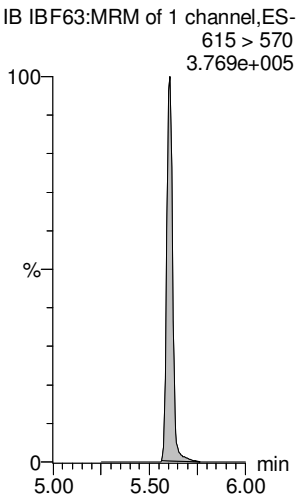

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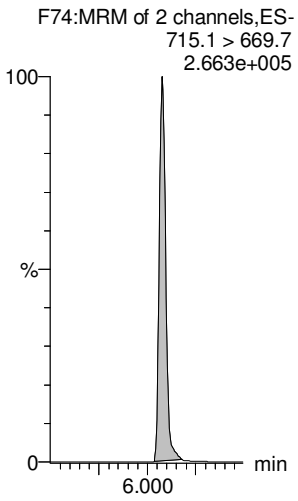

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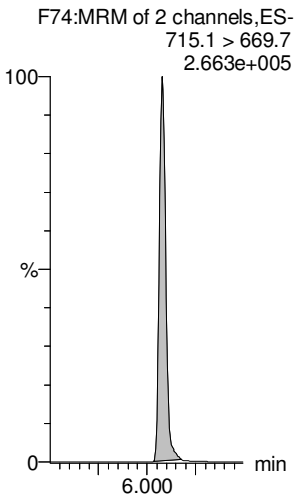

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Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

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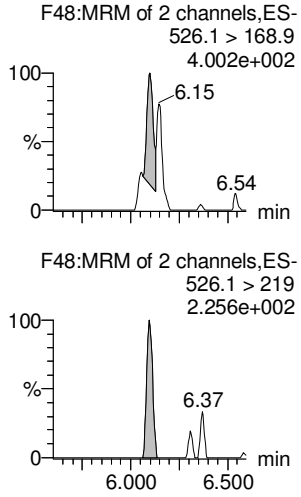

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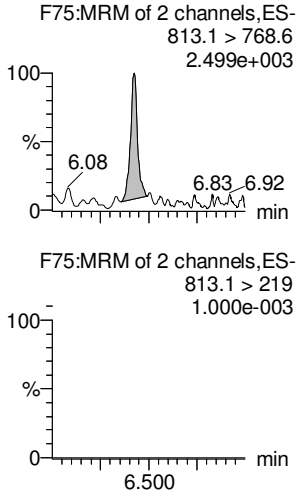

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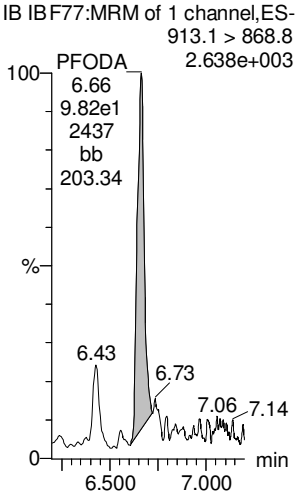

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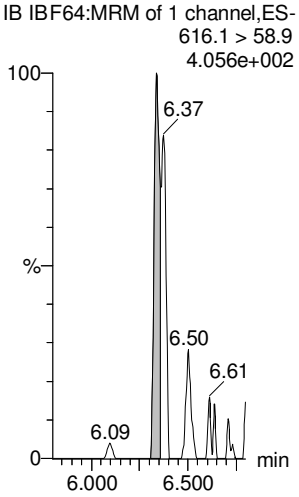

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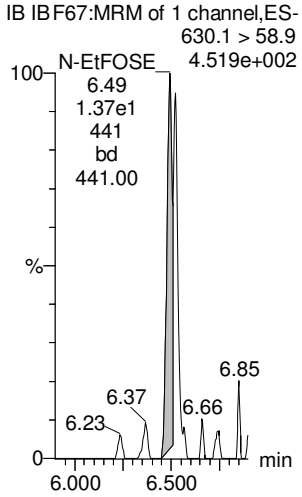

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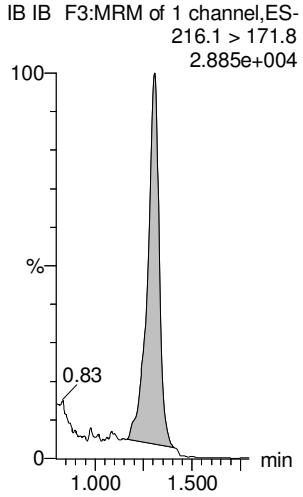
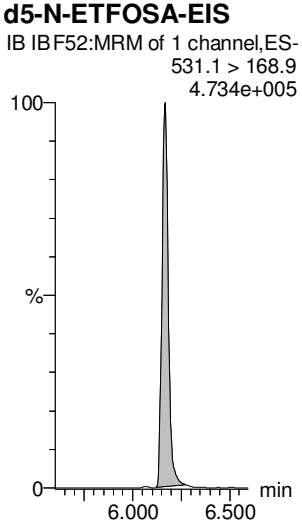


d5-N-ETFOSA-EIS



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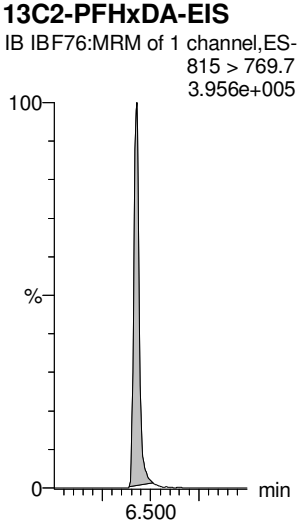

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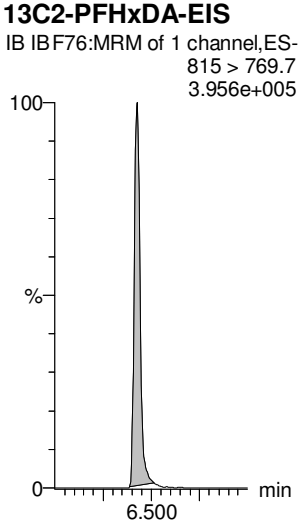

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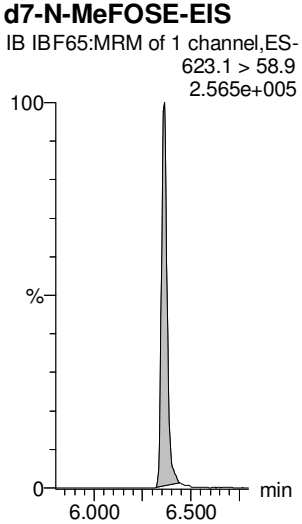

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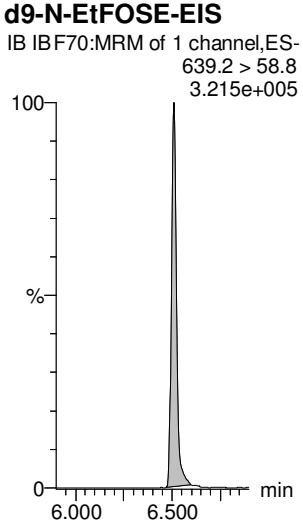

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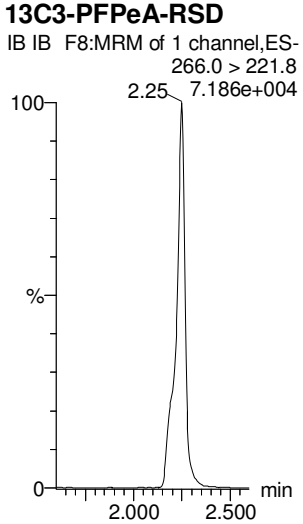

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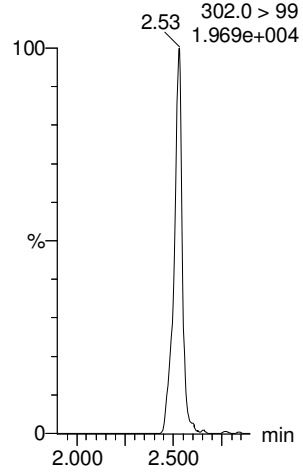
13C3-PFBS-RSD



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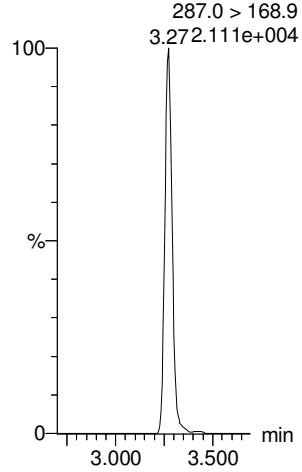

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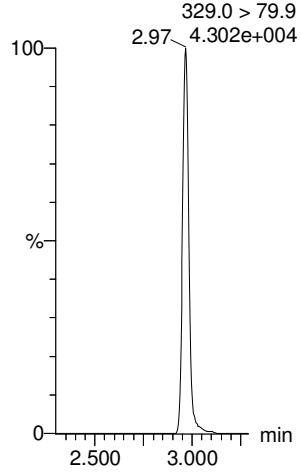

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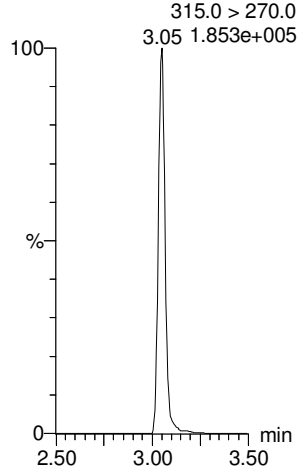

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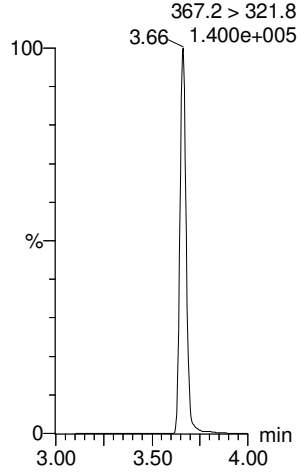

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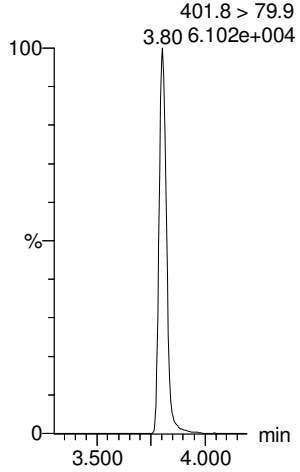

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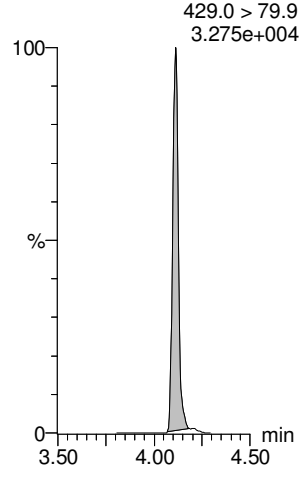

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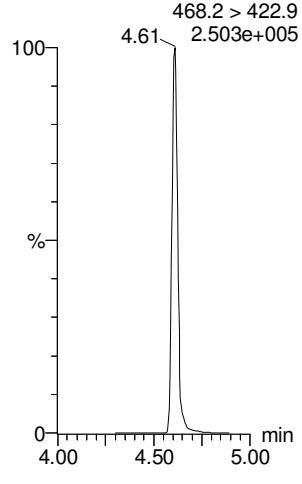

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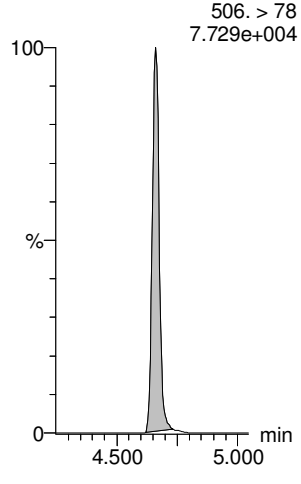
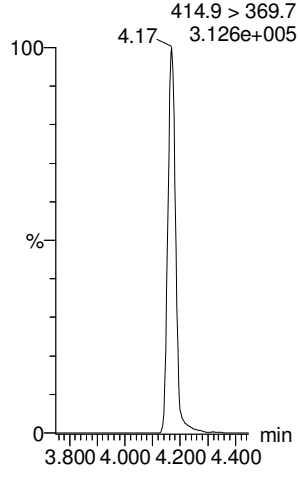
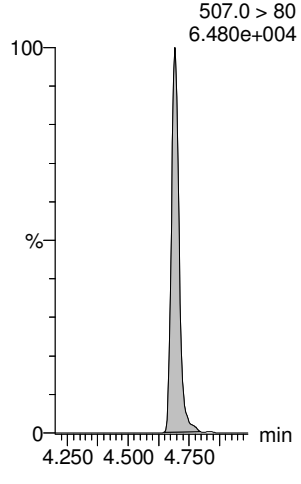


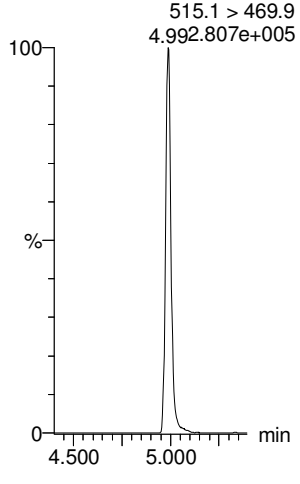
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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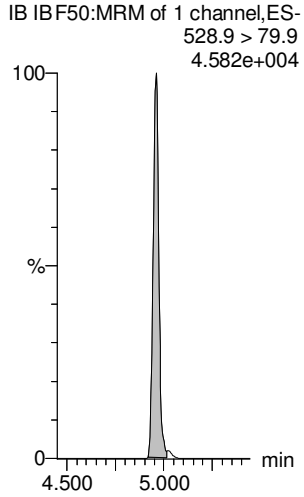
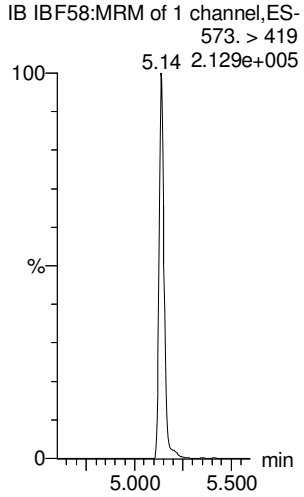
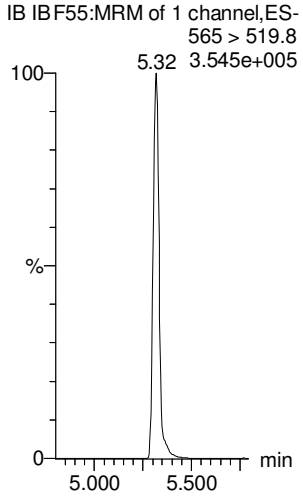
13C2-8:2 FTS-RSD



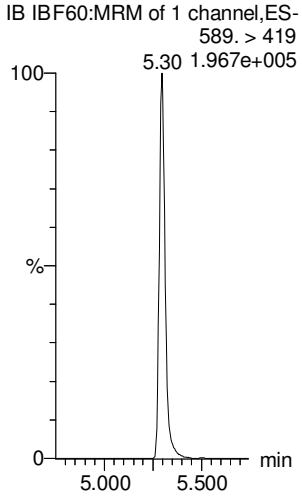
d3-N-MeFOSAA-RSD



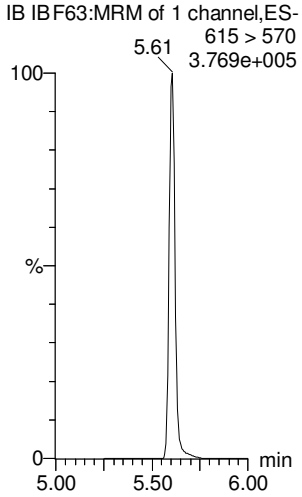
13C2-PFUdA-RSD



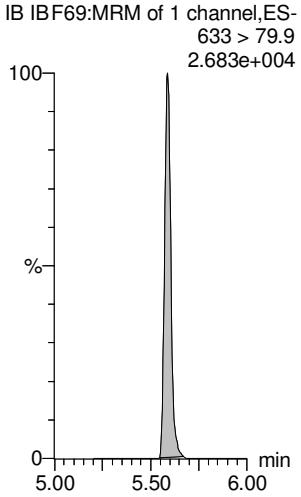
d5-N-EtFOSAA-RSD



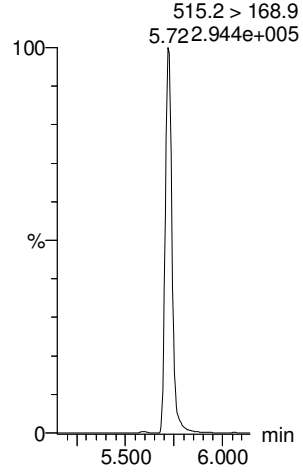
13C2-PFDoA-RSD



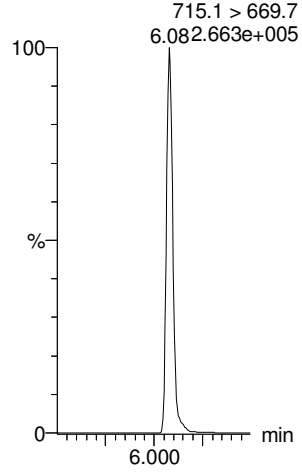
13C2-10:2 FTS-RSD



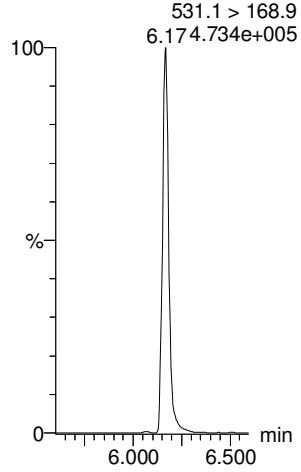
d3-N-MeFOSA-RSD



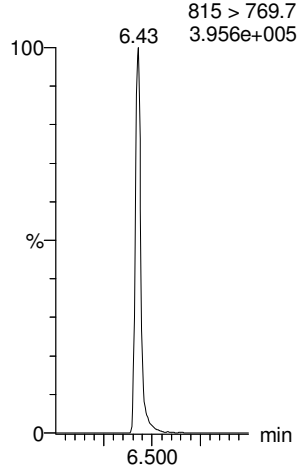
13C2-PFTeDA-RSD



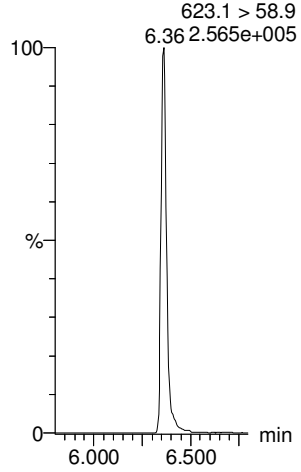
d5-N-ETFOSA-RSD



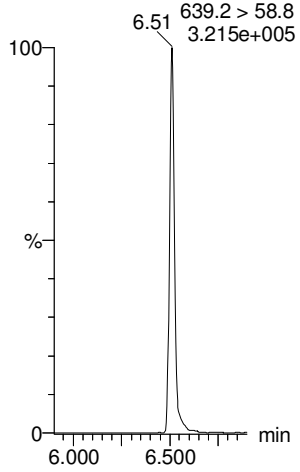
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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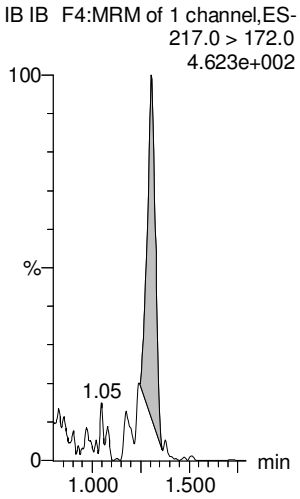
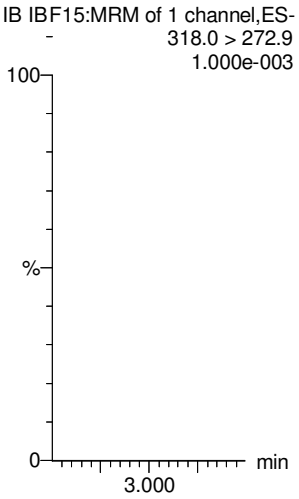
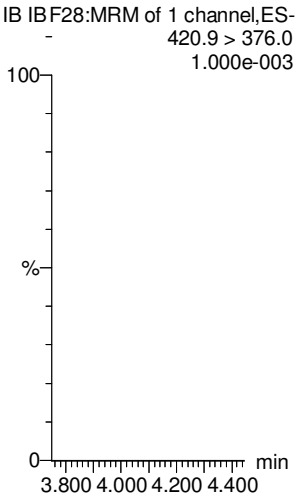
13C4-PFBA



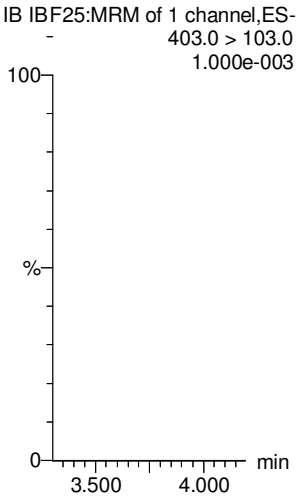
13C5-PFHxA



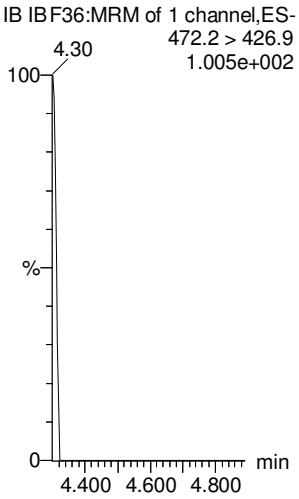
13C8-PFOA



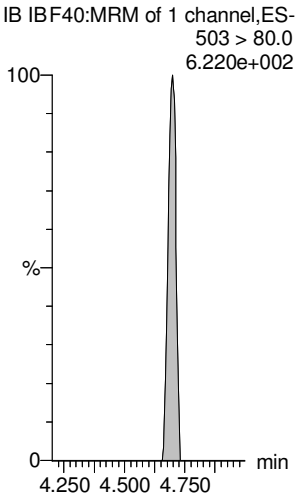
18O2-PFHxS



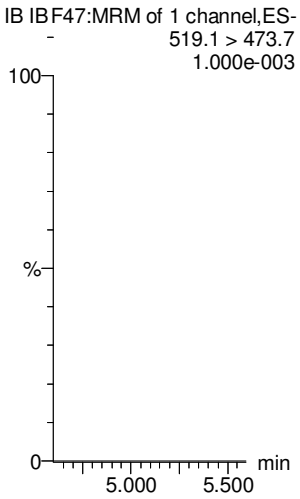
13C9-PFNA



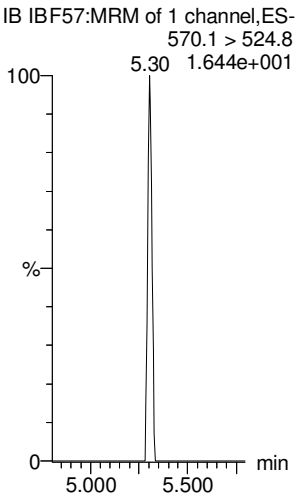
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	5.935	1899.842	1.00	1.46	0.039		0.106		NO		
2	2	PFPrS	248.9 > 79.9		936.924	1.00						NO		
3	3	3:3 FTCA	241.1 > 177.0		3964.590	1.00						NO		
4	4	PFPeA	263.1 > 218.9		3964.590	1.00						NO		
5	5	PFBS	299.0 > 79.7		936.924	1.00						NO		
6	6	4:2 FTS	327.0 > 306.9		1555.196	1.00						NO		
7	47	13C3-PFBA-EIS	216.1 > 171.8	1899.842		1.00	1.31	1899.842	12.500	10.9	87.2	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	936.924		1.00	2.53	936.924	12.500	12.5	100.3	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	3964.590		1.00	2.25	3964.590	12.500	11.2	89.2	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	3964.590		1.00	2.25	3964.590	12.500	11.2	89.2	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	936.924		1.00	2.53	936.924	12.500	12.5	100.3	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	1555.196		1.00	2.97	1555.196	12.500	14.8	118.0	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	6.669	7225.883	1.00	2.76	0.012		0.00338		NO		
15	8	PFPeS	349.0 > 80.0		936.924	1.00						NO		
16	9	HFPO-DA	285.1 > 168.9		898.013	1.00						NO		
17	10	5:3 FTCA	340.9 > 236.9		5211.245	1.00						NO		
18	11	PFHpA	363.0 > 318.9	5.944	5211.245	1.00	3.65	0.014		0.00876		NO		
19	12	ADONA	376.8 > 250.9	43.673	5211.245	1.00	3.72	0.105				NO	3.960	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	7225.883		1.00	3.05	7225.883	12.500	10.7	85.9	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	936.924		1.00	2.53	936.924	12.500	12.5	100.3	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	898.013		1.00	3.27	898.013	12.500	12.6	101.1	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	5211.245		1.00	3.66	5211.245	12.500	12.5	99.6	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	5211.245		1.00	3.66	5211.245	12.500	12.5	99.6	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	5211.245		1.00	3.66	5211.245	12.500	12.5	99.6	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0		2335.746	1.00						NO		
28	15	6:2 FTS	427.1 > 407.0	5.686	1071.048	1.00	4.05	0.066		0.0514		NO		
29	16	L-PFOA	412.8 > 368.9	36.874	10116.330	1.00	4.16	0.046				NO		
30	18	PFecHS	460.8 > 381.0		10116.330	1.00						NO		
31	19	PFHpS	448.9 > 80.0		2334.644	1.00						NO		
32	20	7:3 FTCA	441.0 > 337.0		8609.479	1.00						NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	2335.746		1.00	3.80	2335.746	12.500	12.6	100.7	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1071.048		1.00	4.11	1071.048	12.500	10.6	84.7	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	10116.330		1.00	4.17	10116.330	12.500	13.0	104.0	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	10116.330		1.00	4.17	10116.330	12.500	13.0	104.0	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	2334.644		1.00	4.69	2334.644	12.500	11.0	87.8	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	8609.479		1.00	4.61	8609.479	12.500	12.8	102.2	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	31.711	8609.479	1.00	4.58	0.046				NO		
41	22	PFOSA	498.0 > 78.0	11.205	2571.670	1.00	4.66	0.054		0.160		NO		
42	23	L-PFOS	499 > 80		2334.644	1.00						NO		
43	25	9Cl-PF30NS	531 > 351.0	9.719	2334.644	1.00	4.87	0.052		0.134		NO	0.272	YES
44	26	PFDA	513 > 468.8	51.392	8667.658	1.00	4.96	0.074				NO		
45	27	8:2 FTS	526.9 > 507.0	8.652	1513.046	1.00	4.97	0.071				NO		
46	65	13C5-PFNA-EIS	468.2 > 422.9	8609.479		1.00	4.61	8609.479	12.500	12.8	102.2	NO		
47	67	13C8-PFOSA-EIS	506. > 78	2571.670		1.00	4.66	2571.670	12.500	11.1	89.0	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	2334.644		1.00	4.69	2334.644	12.500	11.0	87.8	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	2334.644		1.00	4.69	2334.644	12.500	11.0	87.8	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	8667.658		1.00	4.99	8667.658	12.500	12.1	96.7	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1513.046		1.00	4.96	1513.046	12.500	14.0	112.2	NO		
52	-1													
53	28	PFNS	549.0 > 79.9	6.957	2334.644	1.00	5.02	0.037		0.240		NO		
54	29	L-MeFOSAA	570 > 419		6048.368	1.00						NO		
55	31	L-EtFOSAA	583.6 > 418.9	11.928	6693.322	1.00	5.28	0.022		0.100		NO		
56	33	PFUdA	563.0 > 518.9	40.701	12380.914	1.00	5.32	0.041				NO		
57	34	PFDS	599.0 > 80.0		2334.644	1.00						NO		
58	35	11Cl-PF30UdS	630.9 > 450.9	16.147	13028.215	1.00	5.50	0.015				NO		
59	71	13C8-PFOS-EIS	507.0 > 80	2334.644		1.00	4.69	2334.644	12.500	11.0	87.8	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	6048.368		1.00	5.14	6048.368	12.500	10.1	81.1	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	6693.322		1.00	5.30	6693.322	12.500	14.1	112.5	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	12380.914		1.00	5.32	12380.914	12.500	11.7	93.7	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	2334.644		1.00	4.69	2334.644	12.500	11.0	87.8	NO		
64	83	13C2-PFDoA-EIS	615 > 570	13028.215		1.00	5.61	13028.215	12.500	12.4	98.8	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		974.428	1.00						NO		
67	37	PFDoA	612.9 > 569.0	144.929	13028.215	1.00	5.72	0.139		0.136		NO		
68	38	N-MeFOSA	512.1 > 168.9	5.922	11307.201	1.00	5.63	0.078				NO	0.604	YES
69	39	PFTrDA	662.9 > 618.9	45.971	13028.215	1.00	5.85	0.044				NO		
70	40	PFDoS	698.9 > 80		9882.736	1.00						NO		
71	41	PFTeDA	713.0 > 669.0	47.304	9882.736	1.00	6.05	0.060		0.0573		NO	5.702	YES
72	85	13C2-10:2 FTS-EIS	633 > 79.9	974.428		1.00	5.59	974.428	12.500	10.5	84.2	NO		

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73	83	13C2-PFDoA-EIS	615 > 570	13028.215		1.00	5.61	13028.215	12.500	12.4	98.8	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	11307.201		1.00	5.72	11307.201	149.200	133	89.3	NO		
75	83	13C2-PFDoA-EIS	615 > 570	13028.215		1.00	5.61	13028.215	12.500	12.4	98.8	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	9882.736		1.00	6.08	9882.736	12.500	11.2	89.2	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	9882.736		1.00	6.08	9882.736	12.500	11.2	89.2	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	11.568	17483.941	1.00	6.10	0.099				NO	1.497	NO
80	43	PFHxDA	813.1 > 768.6	100.218	13391.362	1.00	6.42	0.094		0.0306		NO		
81	44	PFODA	913.1 > 868.8	98.195	13391.362	1.00	6.66	0.092		0.0853		NO		
82	45	N-MeFOSE	616.1 > 58.9	12.748	8367.532	1.00	6.34	0.227		0.534		NO		
83	46	N-EtFOSE	630.1 > 58.9	13.719	9317.604	1.00	6.49	0.220		0.285		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	1899.842	19.850	1.00	1.31	1196.374	12.500	1620	12944.1	YES		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	17483.941		1.00	6.17	17483.941	149.200	137	92.0	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	13391.362		1.00	6.43	13391.362	12.500	11.3	90.3	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	13391.362		1.00	6.43	13391.362	12.500	11.3	90.3	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	8367.532		1.00	6.36	8367.532	149.200	125	83.8	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9317.604		1.00	6.51	9317.604	149.200	127	85.3	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1071.048	24.190	1.00	4.11	553.456	12.500	1250	10020.6	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506. > 78	2571.670		1.00	4.66		12.500			NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	72	13C8-PFOS-RSD	507.0 > 80	2334.644	24.190	1.00	4.69	1206.410	12.500	1200	9594.2	YES		
103	74	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	528.9 > 79.9	1513.046	24.190	1.00	4.96	781.855	12.500	1620	12927.6	YES		
106	78	d3-N-MeFOSAA-RSD	573. > 419			1.00			12.500			NO		
107	80	13C2-PFUdA-RSD	565 > 519.8			1.00			12.500			NO		
108	82	d5-N-EtFOSAA-RSD	589. > 419			1.00			12.500			NO		

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 10:17:48 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 10:18:03 Pacific Daylight Time

Name: 200602M2_13, Date: 02-Jun-2020, Time: 18:21:25, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	615 > 570			1.00			12.500			NO		
110	86	13C2-10:2 FTS-RSD	633 > 79.9	974.428	24.190	1.00	5.59	503.528	12.500	1390	11108.5	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9			1.00			149.200			NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7			1.00			12.500			NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9			1.00			149.200			NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7			1.00			12.500			NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9			1.00			149.200			NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8			1.00			149.200			NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	19.850	19.850	1.00	1.30	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1...	18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 80.0	24.190	24.190	1.00	4.70	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8			1.00			12.500			NO		

Low point
3:3 FTCA 0.500
PFBSA 0.500
PFOS 0.500
MeFOSAA 0.500

High point
PFHpS 50.000
8:2FTS 50.000
10:2 FTS 50.000

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
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High pts at 100.

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Jan 6/9/2020

Compound name: PFBA
Coefficient of Determination: R^2 = 0.998945
Calibration curve: 0.00020187 * x^2 + 1.21409 * x + -0.0901012
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	200608M1_3	Standard	0.250	1.26	45.979	3971.651	0.145	0.2	-22.6	NO	0.999	NO	bb
2	2	200608M1_4	Standard	0.500	1.27	193.599	4030.236	0.600	0.6	13.7	NO	0.999	NO	MM
3	3	200608M1_5	Standard	1.000	1.27	354.287	4278.170	1.035	0.9	-7.3	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	1.27	805.029	4036.792	2.493	2.1	6.3	NO	0.999	NO	MM
5	5	200608M1_7	Standard	5.000	1.27	2038.615	3994.222	6.380	5.3	6.5	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	1.27	4400.647	4286.173	12.834	10.6	6.3	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	1.26	21150.730	4493.122	58.842	48.2	-3.7	NO	0.999	NO	MM
8	8	200608M1_10	Standard	100.000	1.27	42105.938	4231.664	124.378	100.8	0.8	NO	0.999	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.997699
Calibration curve: 0.00195814 * x^2 + 1.79626 * x + 0.0241242
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	200608M1_3	Standard	0.250	1.59	39.511	1104.695	0.447	0.2	-5.8	NO	0.998	NO	MM
2	2	200608M1_4	Standard	0.500	1.59	80.583	1188.350	0.848	0.5	-8.4	NO	0.998	NO	MM
3	3	200608M1_5	Standard	1.000	1.59	176.997	1196.350	1.849	1.0	1.5	NO	0.998	NO	MM
4	4	200608M1_6	Standard	2.000	1.59	359.568	1185.048	3.793	2.1	4.7	NO	0.998	NO	MM
5	5	200608M1_7	Standard	5.000	1.59	879.119	1174.063	9.360	5.2	3.4	NO	0.998	NO	MM
6	6	200608M1_8	Standard	10.000	1.59	1979.819	1187.781	20.835	11.4	14.4	NO	0.998	NO	MM
7	7	200608M1_9	Standard	50.000	1.59	9257.685	1297.389	89.195	47.2	-5.6	NO	0.998	NO	MM
8	8	200608M1_10	Standard	100.000	1.59	18199.793	1127.812	201.716	101.1	1.1	NO	0.998	NO	MM

JR 06/09/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999005
Calibration curve: 0.00020012 * x^2 + 0.0593812 * x + 0.00445404
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	2.05	1.637	4687.019	0.004			NO	0.999	NO	MMXI
2	2	200608M1_4	Standard	0.500	2.07	15.530	4757.700	0.041	0.6	22.2	NO	0.999	NO	MM
3	3	200608M1_5	Standard	1.000	2.06	22.334	4894.519	0.057	0.9	-11.7	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	2.05	37.112	4870.313	0.095	1.5	-23.9	NO	0.999	NO	bb
5	5	200608M1_7	Standard	5.000	2.07	132.304	4793.121	0.345	5.6	12.6	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	2.06	250.576	4988.758	0.628	10.2	1.5	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	2.06	1387.640	5042.023	3.440	49.6	-0.8	NO	0.999	NO	bb
8	8	200608M1_10	Standard	100.000	2.07	2953.901	4639.651	7.958	100.1	0.1	NO	0.999	NO	bb

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998841
Calibration curve: 0.00097251 * x^2 + 0.926643 * x + 0.0179486
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	2.21	83.893	4687.019	0.224	0.2	-11.2	NO	0.999	NO	MM
2	2	200608M1_4	Standard	0.500	2.21	187.255	4757.700	0.492	0.5	2.3	NO	0.999	NO	MM
3	3	200608M1_5	Standard	1.000	2.20	414.098	4894.519	1.058	1.1	12.1	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	2.20	705.820	4870.313	1.812	1.9	-3.4	NO	0.999	NO	MM
5	5	200608M1_7	Standard	5.000	2.21	1805.312	4793.121	4.708	5.0	0.7	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	2.21	4131.174	4988.758	10.351	11.0	10.2	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	2.21	18920.877	5042.023	46.908	48.2	-3.7	NO	0.999	NO	MM
8	8	200608M1_10	Standard	100.000	2.21	38321.879	4639.651	103.246	100.7	0.7	NO	0.999	NO	MM

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.998899
Calibration curve: -2.40592e-005 * x^2 + 2.15204 * x + 0.0840038
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	2.48	52.041	1104.695	0.589	0.2	-6.2	NO	0.999	NO	MM
2	2	200608M1_4	Standard	0.500	2.49	113.133	1188.350	1.190	0.5	2.8	NO	0.999	NO	MM
3	3	200608M1_5	Standard	1.000	2.49	216.365	1196.350	2.261	1.0	1.1	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	2.49	393.803	1185.048	4.154	1.9	-5.4	NO	0.999	NO	bb
5	5	200608M1_7	Standard	5.000	2.49	1017.087	1174.063	10.829	5.0	-0.1	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	2.49	2265.494	1187.781	23.842	11.0	10.4	NO	0.999	NO	bb
7	7	200608M1_9	Standard	50.000	2.49	10798.358	1297.389	104.039	48.3	-3.3	NO	0.999	NO	MM
8	8	200608M1_10	Standard	100.000	2.49	19544.709	1127.812	216.622	100.7	0.7	NO	0.999	NO	MM

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998395
Calibration curve: 0.000834013 * x^2 + 2.14523 * x + -0.0387181
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	2.93	57.301	1878.783	0.381	0.2	-21.7	NO	0.998	NO	bb
2	2	200608M1_4	Standard	0.500	2.93	204.050	2196.249	1.161	0.6	11.9	NO	0.998	NO	bb
3	3	200608M1_5	Standard	1.000	2.92	334.311	2118.499	1.973	0.9	-6.3	NO	0.998	NO	bb
4	4	200608M1_6	Standard	2.000	2.93	657.138	2097.354	3.916	1.8	-7.9	NO	0.998	NO	MM
5	5	200608M1_7	Standard	5.000	2.93	1717.437	1787.288	12.011	5.6	12.1	NO	0.998	NO	bb
6	6	200608M1_8	Standard	10.000	2.93	3626.315	1952.470	23.216	10.8	7.9	NO	0.998	NO	MM
7	7	200608M1_9	Standard	50.000	2.93	17106.643	2043.373	104.647	47.9	-4.2	NO	0.998	NO	bb
8	8	200608M1_10	Standard	100.000	2.93	30943.781	1719.664	224.926	100.9	0.9	NO	0.998	NO	bb

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Compound name: PFHxA
Coefficient of Determination: R^2 = 0.997827
Calibration curve: -0.000269268 * x^2 + 0.948143 * x + 0.0496076
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	3.01	198.291	9218.750	0.269	0.2	-7.5	NO	0.998	NO	MM
2	2	200608M1_4	Standard	0.500	3.01	389.406	9153.280	0.532	0.5	1.7	NO	0.998	NO	bb
3	3	200608M1_5	Standard	1.000	3.01	771.997	9700.147	0.995	1.0	-0.3	NO	0.998	NO	MM
4	4	200608M1_6	Standard	2.000	3.01	1353.966	9604.625	1.762	1.8	-9.6	NO	0.998	NO	MM
5	5	200608M1_7	Standard	5.000	3.01	3781.766	9215.807	5.129	5.4	7.3	NO	0.998	NO	MM
6	6	200608M1_8	Standard	10.000	3.01	7810.052	9151.637	10.668	11.2	12.3	NO	0.998	NO	bb
7	7	200608M1_9	Standard	50.000	3.01	36447.926	10257.830	44.415	47.4	-5.1	NO	0.998	NO	MM
8	8	200608M1_10	Standard	100.000	3.02	71175.352	9543.414	93.226	101.2	1.2	NO	0.998	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.996564
Calibration curve: -0.000400985 * x^2 + 2.38189 * x + 0.0280991
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	3.21	55.200	1104.695	0.625	0.3	0.2	NO	0.997	NO	bb
2	2	200608M1_4	Standard	0.500	3.22	114.510	1188.350	1.205	0.5	-1.2	NO	0.997	NO	bd
3	3	200608M1_5	Standard	1.000	3.22	200.838	1196.350	2.098	0.9	-13.1	NO	0.997	NO	MM
4	4	200608M1_6	Standard	2.000	3.22	446.348	1185.048	4.708	2.0	-1.7	NO	0.997	NO	bb
5	5	200608M1_7	Standard	5.000	3.22	1242.588	1174.063	13.230	5.5	11.0	NO	0.997	NO	bb
6	6	200608M1_8	Standard	10.000	3.22	2598.100	1187.781	27.342	11.5	14.9	NO	0.997	NO	MM
7	7	200608M1_9	Standard	50.000	3.22	11426.082	1297.389	110.087	46.6	-6.9	NO	0.997	NO	MM
8	8	200608M1_10	Standard	100.000	3.22	21456.445	1127.812	237.811	101.6	1.6	NO	0.997	NO	bd

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

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Compound name: HFPO-DA
Correlation coefficient: r = 0.995830, r^2 = 0.991678
Calibration curve: 0.968634 * x + -0.112045
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	Excluded
1	1	200608M1_3	Standard	0.250	3.23	6.638	861.405	0.096	0.2	-14.0	NO	0.992	NO	bb
2	2	200608M1_4	Standard	0.500	3.23	29.227	918.883	0.398	0.5	5.2	NO	0.992	NO	bb
3	3	200608M1_5	Standard	1.000	3.23	73.482	949.251	0.968	1.1	11.5	NO	0.992	NO	bb
4	4	200608M1_6	Standard	2.000	3.23	125.816	856.230	1.837	2.0	0.6	NO	0.992	NO	bb
5	5	200608M1_7	Standard	5.000	3.23	359.974	931.810	4.829	5.1	2.0	NO	0.992	NO	MM
6	6	200608M1_8	Standard	10.000	3.23	717.581	919.946	9.750	10.2	1.8	NO	0.992	NO	MM
7	7	200608M1_9	Standard	50.000	3.24	3300.909	988.033	41.761	43.2	-13.5	NO	0.992	NO	MM
8	8	200608M1_10	Standard	100.000	3.24	6599.543	801.523	102.922	106.4	6.4	NO	0.992	NO	MM

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.997949
Calibration curve: -4.76144e-005 * x^2 + 0.335086 * x + -0.0153815
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	Excluded
1	1	200608M1_3	Standard	0.250	3.56	19.795	5644.531	0.044	0.2	-29.3	NO	0.998	NO	bb
2	2	200608M1_4	Standard	0.500	3.56	77.038	5839.665	0.165	0.5	7.6	NO	0.998	NO	bb
3	3	200608M1_5	Standard	1.000	3.56	170.122	5850.105	0.364	1.1	13.1	NO	0.998	NO	bb
4	4	200608M1_6	Standard	2.000	3.56	294.068	6001.729	0.612	1.9	-6.3	NO	0.998	NO	bb
5	5	200608M1_7	Standard	5.000	3.56	851.465	5859.276	1.816	5.5	9.4	NO	0.998	NO	bb
6	6	200608M1_8	Standard	10.000	3.56	1743.847	5979.317	3.646	10.9	9.4	NO	0.998	NO	bb
7	7	200608M1_9	Standard	50.000	3.56	7698.700	6101.158	15.773	47.4	-5.1	NO	0.998	NO	bb
8	8	200608M1_10	Standard	100.000	3.56	15873.429	5940.373	33.402	101.2	1.2	NO	0.998	NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999519
Calibration curve: -0.00101884 * x^2 + 1.32102 * x + 0.0530439
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	3.62	197.250	5644.531	0.437	0.3	16.2	NO	1.000	NO	bb
2	2	200608M1_4	Standard	0.500	3.62	346.205	5839.665	0.741	0.5	4.2	NO	1.000	NO	bb
3	3	200608M1_5	Standard	1.000	3.62	509.939	5850.105	1.090	0.8	-21.5	NO	1.000	NO	MM
4	4	200608M1_6	Standard	2.000	3.62	1262.893	6001.729	2.630	2.0	-2.3	NO	1.000	NO	MM
5	5	200608M1_7	Standard	5.000	3.62	3116.622	5859.276	6.649	5.0	0.2	NO	1.000	NO	MM
6	6	200608M1_8	Standard	10.000	3.62	6517.327	5979.317	13.625	10.4	3.6	NO	1.000	NO	MM
7	7	200608M1_9	Standard	50.000	3.62	30852.281	6101.158	63.210	49.7	-0.6	NO	1.000	NO	MM
8	8	200608M1_10	Standard	100.000	3.63	58023.855	5940.373	122.096	100.1	0.1	NO	1.000	NO	MM

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999386
Calibration curve: -0.000773655 * x^2 + 4.33842 * x + 0.0524169
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	3.72	443.371	5644.531	0.982	0.2	-14.3	NO	0.999	NO	bb
2	2	200608M1_4	Standard	0.500	3.73	1020.892	5839.665	2.185	0.5	-1.7	NO	0.999	NO	bb
3	3	200608M1_5	Standard	1.000	3.73	2261.406	5850.105	4.832	1.1	10.2	NO	0.999	NO	bb
4	4	200608M1_6	Standard	2.000	3.72	4401.483	6001.729	9.167	2.1	5.1	NO	0.999	NO	MM
5	5	200608M1_7	Standard	5.000	3.73	10477.267	5859.276	22.352	5.1	2.9	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	3.73	21760.127	5979.317	45.490	10.5	4.9	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	3.73	101842.977	6101.158	208.655	48.5	-3.0	NO	0.999	NO	MM
8	8	200608M1_10	Standard	100.000	3.73	203918.000	5940.373	429.093	100.7	0.7	NO	0.999	NO	MM

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.997306
Calibration curve: -0.00110497 * x^2 + 1.03668 * x + -0.0108055
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	Peak excluded
1	1	200608M1_3	Standard	0.250	3.76	63.463	3041.754	0.261	0.3	4.8	NO	0.997	NO	MM
2	2	200608M1_4	Standard	0.500	3.77	133.595	3192.328	0.523	0.5	3.1	NO	0.997	NO	MM
3	3	200608M1_5	Standard	1.000	3.76	213.499	3077.719	0.867	0.8	-15.2	NO	0.997	NO	MM
4	4	200608M1_6	Standard	2.000	3.77	441.957	3075.305	1.796	1.7	-12.7	NO	0.997	NO	MM
5	5	200608M1_7	Standard	5.000	3.77	1429.502	3288.050	5.434	5.3	5.6	NO	0.997	NO	MM
6	6	200608M1_8	Standard	10.000	3.77	3052.902	3270.301	11.669	11.4	14.1	NO	0.997	NO	MM
7	7	200608M1_9	Standard	50.000	3.77	12239.211	3274.813	46.717	47.5	-5.0	NO	0.997	NO	MM
8	8	200608M1_10	Standard	100.000	3.77	23693.098	3163.148	93.629	101.3	1.3	NO	0.997	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999714
Calibration curve: -0.00204987 * x^2 + 2.80839 * x + 0.0883896
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	Peak excluded
1	1	200608M1_3	Standard	0.250	4.07	86.175	1542.994	0.698	0.2	-13.1	NO	1.000	NO	bb
2	2	200608M1_4	Standard	0.500	4.07	168.968	1342.516	1.573	0.5	5.8	NO	1.000	NO	MM
3	3	200608M1_5	Standard	1.000	4.08	361.316	1625.629	2.778	1.0	-4.2	NO	1.000	NO	bd
4	4	200608M1_6	Standard	2.000	4.07	823.334	1678.432	6.132	2.2	7.8	NO	1.000	NO	MM
5	5	200608M1_7	Standard	5.000	4.08	1999.825	1699.927	14.705	5.2	4.5	NO	1.000	NO	MM
6	6	200608M1_8	Standard	10.000	4.08	3981.549	1772.791	28.074	10.0	0.4	NO	1.000	NO	MM
7	7	200608M1_9	Standard	50.000	4.08	19133.234	1792.817	133.402	49.2	-1.5	NO	1.000	NO	MM
8	8	200608M1_10	Standard	100.000	4.08	35398.391	1692.932	261.369	100.4	0.4	NO	1.000	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.993888
Calibration curve: 0.000280502 * x^2 + 1.28038 * x + 0.153533
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	%excluded
1	1	200608M1_3	Standard	0.250	4.13	396.062	11833.547	0.418	0.2	-17.3	NO	0.994	NO	MM
2	2	200608M1_4	Standard	0.500	4.13	769.369	13006.115	0.739	0.5	-8.5	NO	0.994	NO	bb
3	3	200608M1_5	Standard	1.000	4.13	1523.850	14123.189	1.349	0.9	-6.7	NO	0.994	NO	MM
4	4	200608M1_6	Standard	2.000	4.13	2928.281	12244.928	2.989	2.2	10.7	NO	0.994	NO	bb
5	5	200608M1_7	Standard	5.000	4.13	7001.099	12431.934	7.039	5.4	7.4	NO	0.994	NO	bb
6	6	200608M1_8	Standard	10.000	4.13	16022.726	12716.161	15.750	12.1	21.5	NO	0.994	NO	MM
7	7	200608M1_9	Standard	50.000	4.13	62476.215	13272.210	58.841	45.4	-9.2	NO	0.994	NO	MM
8	8	200608M1_10	Standard	100.000	4.13	126334.969	11810.730	133.708	102.0	2.0	NO	0.994	NO	MM

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.998628
Calibration curve: 0.000415592 * x^2 + 0.404598 * x + 0.00769997
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	%excluded
1	1	200608M1_3	Standard	0.250	4.14	110.166	11833.547	0.116	0.3	7.4	NO	0.999	NO	bb
2	2	200608M1_4	Standard	0.500	4.14	161.029	13006.115	0.155	0.4	-27.3	NO	0.999	NO	bb
3	3	200608M1_5	Standard	1.000	4.15	464.066	14123.189	0.411	1.0	-0.5	NO	0.999	NO	bb
4	4	200608M1_6	Standard	2.000	4.14	932.609	12244.928	0.952	2.3	16.4	NO	0.999	NO	bb
5	5	200608M1_7	Standard	5.000	4.15	2296.229	12431.934	2.309	5.7	13.1	NO	0.999	NO	bb
6	6	200608M1_8	Standard	10.000	4.14	4214.444	12716.161	4.143	10.1	1.2	NO	0.999	NO	bb
7	7	200608M1_9	Standard	50.000	4.15	21787.410	13272.210	20.520	48.3	-3.4	NO	0.999	NO	bb
8	8	200608M1_10	Standard	100.000	4.15	42500.934	11810.730	44.981	100.7	0.7	NO	0.999	NO	bd

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.995790
Calibration curve: -0.00541648 * x^2 + 0.868077 * x + -0.0565456
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	4.23	50.192	3232.362	0.194	0.3	15.7	NO	0.996	NO	bb
2	2	200608M1_4	Standard	0.500	4.24	96.287	3099.386	0.388	0.5	2.8	NO	0.996	NO	bb
3	3	200608M1_5	Standard	1.000	4.24	196.168	3724.644	0.658	0.8	-17.2	NO	0.996	NO	bb
4	4	200608M1_6	Standard	2.000	4.24	474.516	3472.219	1.708	2.1	3.0	NO	0.996	NO	MM
5	5	200608M1_7	Standard	5.000	4.24	1137.173	3880.970	3.663	4.4	-11.9	NO	0.996	NO	MM
6	6	200608M1_8	Standard	10.000	4.24	2573.358	3700.593	8.692	10.8	8.1	NO	0.996	NO	bb
7	7	200608M1_9	Standard	50.000	4.24	8563.008	3599.911	29.733	49.8	-0.4	NO	0.996	NO	MM
8	8	200608M1_10	Standard	100.000	4.24	25864.689	3164.986	102.152			NO	0.996	YES	bbXI

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.995183
Calibration curve: 0.000629305 * x^2 + 0.270506 * x + -0.00421369
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	4.55	41.976	10240.575	0.051	0.2	-18.0	NO	0.995	NO	bb
2	2	200608M1_4	Standard	0.500	4.55	95.919	10683.757	0.112	0.4	-14.0	NO	0.995	NO	bb
3	3	200608M1_5	Standard	1.000	4.55	213.770	11222.313	0.238	0.9	-10.6	NO	0.995	NO	MM
4	4	200608M1_6	Standard	2.000	4.55	467.533	8842.907	0.661	2.4	22.2	NO	0.995	NO	MM
5	5	200608M1_7	Standard	5.000	4.55	1227.199	11519.721	1.332	4.9	-2.3	NO	0.995	NO	MM
6	6	200608M1_8	Standard	10.000	4.55	3008.761	11083.478	3.393	12.2	22.1	NO	0.995	NO	MM
7	7	200608M1_9	Standard	50.000	4.55	12685.479	11404.766	13.904	46.4	-7.2	NO	0.995	NO	MM
8	8	200608M1_10	Standard	100.000	4.55	25517.250	9416.959	33.871	101.3	1.3	NO	0.995	NO	bb

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.997175
Calibration curve: 0.0016528 * x^2 + 1.19713 * x + 0.122218
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	4.56	317.351	10240.575	0.387	0.2	-11.4	NO	0.997	NO	bb
2	2	200608M1_4	Standard	0.500	4.56	634.437	10683.757	0.742	0.5	3.5	NO	0.997	NO	MM
3	3	200608M1_5	Standard	1.000	4.56	1112.385	11222.313	1.239	0.9	-6.8	NO	0.997	NO	bb
4	4	200608M1_6	Standard	2.000	4.56	1763.480	8842.907	2.493	2.0	-1.3	NO	0.997	NO	bb
5	5	200608M1_7	Standard	5.000	4.56	5868.857	11519.721	6.368	5.2	3.6	NO	0.997	NO	bd
6	6	200608M1_8	Standard	10.000	4.56	12724.952	11083.478	14.351	11.7	17.0	NO	0.997	NO	MM
7	7	200608M1_9	Standard	50.000	4.56	54903.320	11404.766	60.176	47.1	-5.8	NO	0.997	NO	MM
8	8	200608M1_10	Standard	100.000	4.57	104047.289	9416.959	138.112	101.1	1.1	NO	0.997	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998868
Calibration curve: 0.00117092 * x^2 + 0.882203 * x + 0.286244
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	4.61	54.333	3276.514	0.207			NO	0.999	NO	bbXI
2	2	200608M1_4	Standard	0.500	4.61	166.581	3337.388	0.624	0.4	-23.5	NO	0.999	NO	bb
3	3	200608M1_5	Standard	1.000	4.61	362.334	3467.741	1.306	1.2	15.4	NO	0.999	NO	bb
4	4	200608M1_6	Standard	2.000	4.61	496.136	3136.866	1.977	1.9	-4.4	NO	0.999	NO	MM
5	5	200608M1_7	Standard	5.000	4.61	1341.769	3269.413	5.130	5.5	9.0	NO	0.999	NO	bb
6	6	200608M1_8	Standard	10.000	4.61	2750.379	3516.116	9.778	10.6	6.1	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	4.61	12776.416	3498.282	45.652	48.3	-3.4	NO	0.999	NO	bb
8	8	200608M1_10	Standard	100.000	4.61	27002.254	3342.635	100.977	100.7	0.7	NO	0.999	NO	MM

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.997887
Calibration curve: 0.00279691 * x^2 + 0.834896 * x + 0.172596
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev.	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	4.64	43.580	3232.362	0.169			NO	0.998	NO	MMXI
2	2	200608M1_4	Standard	0.500	4.64	166.771	3099.386	0.673	0.6	19.5	NO	0.998	NO	MM
3	3	200608M1_5	Standard	1.000	4.64	258.750	3724.644	0.868	0.8	-16.9	NO	0.998	NO	MM
4	4	200608M1_6	Standard	2.000	4.65	463.896	3472.219	1.670	1.8	-10.9	NO	0.998	NO	MM
5	5	200608M1_7	Standard	5.000	4.65	1284.227	3880.970	4.136	4.7	-6.5	NO	0.998	NO	MM
6	6	200608M1_8	Standard	10.000	4.65	3061.049	3700.593	10.340	11.7	17.2	NO	0.998	NO	MM
7	7	200608M1_9	Standard	50.000	4.65	13579.325	3599.911	47.152	48.4	-3.2	NO	0.998	NO	MM
8	8	200608M1_10	Standard	100.000	4.65	28453.264	3164.986	112.375	100.5	0.5	NO	0.998	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997810
Calibration curve: 0.00560608 * x^2 + 2.66907 * x + -0.227004
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	4.86	98.765	3232.362	0.382	0.2	-8.8	NO	0.998	NO	bb
2	2	200608M1_4	Standard	0.500	4.86	256.194	3099.386	1.033	0.5	-5.7	NO	0.998	NO	bd
3	3	200608M1_5	Standard	1.000	4.86	780.836	3724.644	2.621	1.1	6.4	NO	0.998	NO	bb
4	4	200608M1_6	Standard	2.000	4.86	1338.540	3472.219	4.819	1.9	-5.8	NO	0.998	NO	bb
5	5	200608M1_7	Standard	5.000	4.86	4200.976	3880.970	13.531	5.1	2.0	NO	0.998	NO	bb
6	6	200608M1_8	Standard	10.000	4.86	9299.438	3700.593	31.412	11.6	15.7	NO	0.998	NO	MM
7	7	200608M1_9	Standard	50.000	4.86	40137.328	3599.911	139.369	47.6	-4.9	NO	0.998	NO	bb
8	8	200608M1_10	Standard	100.000	4.86	82601.008	3164.986	326.230	100.9	0.9	NO	0.998	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.996089
Calibration curve: 0.000550973 * x^2 + 1.37081 * x + 0.100592
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	200608M1_3	Standard	0.250	4.93	367.693	11388.576	0.404	0.2	-11.6	NO	0.996	NO	bb
2	2	200608M1_4	Standard	0.500	4.93	668.537	12084.154	0.692	0.4	-13.8	NO	0.996	NO	MM
3	3	200608M1_5	Standard	1.000	4.94	1432.368	12365.495	1.448	1.0	-1.7	NO	0.996	NO	MM
4	4	200608M1_6	Standard	2.000	4.94	2846.595	10951.385	3.249	2.3	14.7	NO	0.996	NO	MM
5	5	200608M1_7	Standard	5.000	4.94	6738.672	12107.437	6.957	5.0	-0.2	NO	0.996	NO	MM
6	6	200608M1_8	Standard	10.000	4.94	13969.916	10680.528	16.350	11.8	18.0	NO	0.996	NO	MM
7	7	200608M1_9	Standard	50.000	4.94	59618.680	11449.868	65.087	46.5	-6.9	NO	0.996	NO	MM
8	8	200608M1_10	Standard	100.000	4.94	120084.672	10359.172	144.901	101.5	1.5	NO	0.996	NO	MM

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.995395
Calibration curve: -0.0183652 * x^2 + 2.87517 * x + -0.298813
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	200608M1_3	Standard	0.250	4.90	90.724	1891.916	0.599	0.3	25.2	NO	0.995	NO	MM
2	2	200608M1_4	Standard	0.500	4.90	138.445	2027.431	0.854	0.4	-19.6	NO	0.995	NO	bb
3	3	200608M1_5	Standard	1.000	4.91	376.092	1791.920	2.624	1.0	2.3	NO	0.995	NO	MM
4	4	200608M1_6	Standard	2.000	4.91	701.556	1993.795	4.398	1.7	-17.4	NO	0.995	NO	bb
5	5	200608M1_7	Standard	5.000	4.91	1786.512	1465.903	15.234	5.6	12.1	NO	0.995	NO	MM
6	6	200608M1_8	Standard	10.000	4.91	4314.882	2073.163	26.016	9.8	-2.4	NO	0.995	NO	bb
7	7	200608M1_9	Standard	50.000	4.91	13972.051	1790.469	97.545	50.0	-0.0	NO	0.995	NO	MM
8	8	200608M1_10	Standard	100.000	4.91	36804.746	1957.474	235.027			NO	0.995	YES	MMXI

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.998988
Calibration curve: 0.000936332 * x^2 + 0.850683 * x + -0.109062
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	4.99	29.953	3232.362	0.116	0.3	5.7	NO	0.999	NO	bb
2	2	200608M1_4	Standard	0.500	5.00	67.131	3099.386	0.271	0.4	-10.7	NO	0.999	NO	bb
3	3	200608M1_5	Standard	1.000	5.01	283.162	3724.644	0.950	1.2	24.4	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	5.00	402.409	3472.219	1.449	1.8	-8.6	NO	0.999	NO	bb
5	5	200608M1_7	Standard	5.000	5.00	1120.585	3880.970	3.609	4.4	-13.0	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	5.00	2535.058	3700.593	8.563	10.1	0.8	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	5.00	13144.732	3599.911	45.643	50.9	1.9	NO	0.999	NO	bb
8	8	200608M1_10	Standard	100.000	5.00	23776.910	3164.986	93.906	99.6	-0.4	NO	0.999	NO	MM

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.995118
Calibration curve: 0.000525937 * x^2 + 0.814518 * x + 0.0134539
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.08	210.394	8536.348	0.308	0.4	44.7	YES	0.995	NO	MMX
2	2	200608M1_4	Standard	0.500	5.09	247.549	9175.904	0.337	0.4	-20.5	NO	0.995	NO	MM
3	3	200608M1_5	Standard	1.000	5.09	690.620	9160.040	0.942	1.1	14.0	NO	0.995	NO	MM
4	4	200608M1_6	Standard	2.000	5.09	1157.629	9250.231	1.564	1.9	-4.9	NO	0.995	NO	MM
5	5	200608M1_7	Standard	5.000	5.09	2921.428	9082.604	4.021	4.9	-1.9	NO	0.995	NO	MM
6	6	200608M1_8	Standard	10.000	5.09	7252.053	9021.237	10.049	12.2	22.2	NO	0.995	NO	MM
7	7	200608M1_9	Standard	50.000	5.09	30172.043	9671.940	38.994	46.5	-7.1	NO	0.995	NO	MM
8	8	200608M1_10	Standard	100.000	5.09	62711.742	8900.273	88.076	101.5	1.5	NO	0.995	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.998681
Calibration curve: -0.00055984 * x^2 + 0.751622 * x + -0.0429422
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.24	89.332	9080.485	0.123	0.2	-11.7	NO	0.999	NO	MM
2	2	200608M1_4	Standard	0.500	5.24	281.199	8873.149	0.396	0.6	16.9	NO	0.999	NO	MM
3	3	200608M1_5	Standard	1.000	5.24	482.381	9142.254	0.660	0.9	-6.5	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	5.24	964.432	8922.070	1.351	1.9	-7.1	NO	0.999	NO	MM
5	5	200608M1_7	Standard	5.000	5.24	2604.411	8722.960	3.732	5.0	0.8	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	5.24	5709.543	8733.235	8.172	11.0	10.2	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	5.24	23946.994	8566.133	34.944	48.3	-3.4	NO	0.999	NO	MM
8	8	200608M1_10	Standard	100.000	5.24	46276.820	8258.605	70.043	100.8	0.8	NO	0.999	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.998902
Calibration curve: 0.000513059 * x^2 + 0.873631 * x + 0.0109116
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.26	344.205	16930.586	0.254	0.3	11.3	NO	0.999	NO	MM
2	2	200608M1_4	Standard	0.500	5.26	476.013	17125.453	0.347	0.4	-23.0	NO	0.999	NO	bb
3	3	200608M1_5	Standard	1.000	5.26	1204.439	18499.211	0.814	0.9	-8.1	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	5.26	2900.630	17668.637	2.052	2.3	16.7	NO	0.999	NO	bb
5	5	200608M1_7	Standard	5.000	5.26	7313.298	19571.096	4.671	5.3	6.4	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	5.26	12718.058	17325.713	9.176	10.4	4.3	NO	0.999	NO	bb
7	7	200608M1_9	Standard	50.000	5.26	60572.363	17411.779	43.485	48.4	-3.2	NO	0.999	NO	bb
8	8	200608M1_10	Standard	100.000	5.26	126307.547	16941.631	93.193	100.7	0.7	NO	0.999	NO	MM

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.998495
Calibration curve: -0.000316233 * x^2 + 0.853544 * x + 0.0103216
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.31	57.439	3232.362	0.222	0.2	-0.7	NO	0.998	NO	bb
2	2	200608M1_4	Standard	0.500	5.31	136.935	3099.386	0.552	0.6	27.0	NO	0.998	NO	bb
3	3	200608M1_5	Standard	1.000	5.31	242.052	3724.644	0.812	0.9	-6.0	NO	0.998	NO	bb
4	4	200608M1_6	Standard	2.000	5.31	471.650	3472.219	1.698	2.0	-1.1	NO	0.998	NO	MM
5	5	200608M1_7	Standard	5.000	5.31	1098.860	3880.970	3.539	4.1	-17.2	NO	0.998	NO	bb
6	6	200608M1_8	Standard	10.000	5.31	2535.664	3700.593	8.565	10.1	0.6	NO	0.998	NO	MM
7	7	200608M1_9	Standard	50.000	5.31	12413.872	3599.911	43.105	51.5	2.9	NO	0.998	NO	bb
8	8	200608M1_10	Standard	100.000	5.31	20668.674	3164.986	81.630	99.3	-0.7	NO	0.998	NO	MM

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999650
Calibration curve: -0.000661489 * x^2 + 0.635231 * x + 0.0134427
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.47	232.511	17009.943	0.171	0.2	-0.8	NO	1.000	NO	bb
2	2	200608M1_4	Standard	0.500	5.47	503.265	20230.203	0.311	0.5	-6.3	NO	1.000	NO	bb
3	3	200608M1_5	Standard	1.000	5.47	996.949	19818.059	0.629	1.0	-3.0	NO	1.000	NO	bb
4	4	200608M1_6	Standard	2.000	5.47	1919.996	16965.963	1.415	2.2	10.5	NO	1.000	NO	bb
5	5	200608M1_7	Standard	5.000	5.47	4871.471	19713.580	3.089	4.9	-2.7	NO	1.000	NO	MM
6	6	200608M1_8	Standard	10.000	5.47	9844.842	18913.289	6.507	10.3	3.3	NO	1.000	NO	bb
7	7	200608M1_9	Standard	50.000	5.47	47050.250	19783.887	29.728	49.3	-1.4	NO	1.000	NO	bb
8	8	200608M1_10	Standard	100.000	5.47	84298.508	18454.277	57.100	100.4	0.4	NO	1.000	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999294
Calibration curve: -0.0173573 * x^2 + 3.21325 * x + 0.131464
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.52	145.792	1834.952	0.993	0.3	7.4	NO	0.999	NO	bb
2	2	200608M1_4	Standard	0.500	5.52	186.816	1602.405	1.457	0.4	-17.3	NO	0.999	NO	bb
3	3	200608M1_5	Standard	1.000	5.53	410.815	1457.610	3.523	1.1	6.2	NO	0.999	NO	bb
4	4	200608M1_6	Standard	2.000	5.53	800.432	1486.644	6.730	2.1	3.8	NO	0.999	NO	MM
5	5	200608M1_7	Standard	5.000	5.53	2051.958	1600.205	16.029	5.1	1.7	NO	0.999	NO	MM
6	6	200608M1_8	Standard	10.000	5.53	4005.104	1670.547	29.969	9.8	-2.0	NO	0.999	NO	bb
7	7	200608M1_9	Standard	50.000	5.53	14271.111	1518.524	117.475	50.1	0.1	NO	0.999	NO	bb
8	8	200608M1_10	Standard	100.000	5.53	34307.758	1298.411	330.286			NO	0.999	NO	bbXI

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998983
Calibration curve: 0.000163659 * x^2 + 1.0114 * x + 0.122192
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.54	524.924	17009.943	0.386	0.3	4.2	NO	0.999	NO	MM
2	2	200608M1_4	Standard	0.500	5.54	995.665	20230.203	0.615	0.5	-2.5	NO	0.999	NO	MM
3	3	200608M1_5	Standard	1.000	5.54	1477.925	19818.059	0.932	0.8	-19.9	NO	0.999	NO	MM
4	4	200608M1_6	Standard	2.000	5.54	3265.262	16965.963	2.406	2.3	12.8	NO	0.999	NO	MM
5	5	200608M1_7	Standard	5.000	5.54	8217.264	19713.580	5.210	5.0	0.5	NO	0.999	NO	bb
6	6	200608M1_8	Standard	10.000	5.54	16588.215	18913.289	10.963	10.7	7.0	NO	0.999	NO	MM
7	7	200608M1_9	Standard	50.000	5.54	78603.133	19783.887	49.664	48.6	-2.8	NO	0.999	NO	MM
8	8	200608M1_10	Standard	100.000	5.54	152863.281	18454.277	103.542	100.6	0.6	NO	0.999	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999689
Calibration curve: -0.000160408 * x^2 + 1.11313 * x + -0.41891
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	1.250	5.54	60.228	10663.436	0.843	1.1	-9.3	NO	1.000	NO	bb
2	2	200608M1_4	Standard	2.500	5.54	174.767	10543.773	2.473	2.6	4.0	NO	1.000	NO	bb
3	3	200608M1_5	Standard	5.000	5.54	404.314	10595.656	5.693	5.5	9.9	NO	1.000	NO	MM
4	4	200608M1_6	Standard	10.000	5.54	712.433	10742.231	9.895	9.3	-7.2	NO	1.000	NO	MM
5	5	200608M1_7	Standard	25.000	5.54	1935.067	10598.665	27.240	24.9	-0.2	NO	1.000	NO	bb
6	6	200608M1_8	Standard	50.000	5.54	4202.002	11009.558	56.945	51.9	3.8	NO	1.000	NO	MM
7	7	200608M1_9	Standard	250.000	5.54	19174.682	10808.301	264.691	247.0	-1.2	NO	1.000	NO	bb
8	8	200608M1_10	Standard	500.000	5.54	36616.738	10558.628	517.417	501.4	0.3	NO	1.000	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.996862
Calibration curve: -0.000149322 * x^2 + 1.00919 * x + 0.114789
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	0.250	5.79	467.991	17009.943	0.344	0.2	-9.2	NO	0.997	NO	db
2	2	200608M1_4	Standard	0.500	5.79	995.695	20230.203	0.615	0.5	-0.8	NO	0.997	NO	MM
3	3	200608M1_5	Standard	1.000	5.79	1544.957	19818.059	0.974	0.9	-14.8	NO	0.997	NO	MM
4	4	200608M1_6	Standard	2.000	5.79	3300.950	16965.963	2.432	2.3	14.8	NO	0.997	NO	bb
5	5	200608M1_7	Standard	5.000	5.79	8060.430	19713.580	5.111	5.0	-0.9	NO	0.997	NO	bb
6	6	200608M1_8	Standard	10.000	5.79	17774.578	18913.289	11.747	11.5	15.5	NO	0.997	NO	MM
7	7	200608M1_9	Standard	50.000	5.79	74785.398	19783.887	47.251	47.0	-5.9	NO	0.997	NO	bb
8	8	200608M1_10	Standard	100.000	5.79	148900.328	18454.277	100.858	101.3	1.3	NO	0.997	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.997939
Calibration curve: -0.000328207 * x^2 + 0.292156 * x + 0.00114808
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	0.250	5.81	72.724	13889.636	0.065	0.2	-11.9	NO	0.998	NO	bb
2	2 200608M1_4	Standard	0.500	5.81	180.912	13448.969	0.168	0.6	14.4	NO	0.998	NO	MM
3	3 200608M1_5	Standard	1.000	5.81	325.919	14952.645	0.272	0.9	-7.0	NO	0.998	NO	bb
4	4 200608M1_6	Standard	2.000	5.82	585.746	14208.817	0.515	1.8	-11.8	NO	0.998	NO	bb
5	5 200608M1_7	Standard	5.000	5.81	1741.287	13005.514	1.674	5.8	15.2	NO	0.998	NO	bb
6	6 200608M1_8	Standard	10.000	5.82	3294.282	13440.665	3.064	10.6	6.1	NO	0.998	NO	bb
7	7 200608M1_9	Standard	50.000	5.81	15803.851	14955.712	13.209	47.8	-4.5	NO	0.998	NO	MM
8	8 200608M1_10	Standard	100.000	5.81	29035.137	13853.945	26.198	101.2	1.2	NO	0.998	NO	MM

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998199
Calibration curve: -0.00044278 * x^2 + 1.25126 * x + 0.0807051
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	0.250	6.00	385.241	13889.636	0.347	0.2	-15.0	NO	0.998	NO	bb
2	2 200608M1_4	Standard	0.500	6.00	801.326	13448.969	0.745	0.5	6.2	NO	0.998	NO	bb
3	3 200608M1_5	Standard	1.000	6.01	1487.053	14952.645	1.243	0.9	-7.1	NO	0.998	NO	bb
4	4 200608M1_6	Standard	2.000	6.01	2995.337	14208.817	2.635	2.0	2.1	NO	0.998	NO	bb
5	5 200608M1_7	Standard	5.000	6.01	7067.574	13005.514	6.793	5.4	7.5	NO	0.998	NO	bb
6	6 200608M1_8	Standard	10.000	6.01	14844.558	13440.665	13.806	11.0	10.1	NO	0.998	NO	bb
7	7 200608M1_9	Standard	50.000	6.01	69961.734	14955.712	58.474	47.5	-5.1	NO	0.998	NO	bb
8	8 200608M1_10	Standard	100.000	6.00	135392.781	13853.945	122.161	101.2	1.2	NO	0.998	NO	MM

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999558
Calibration curve: 4.62655e-006 * x^2 + 0.891732 * x + 0.133014
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	1.250	5.97	119.334	16508.672	1.079	1.1	-15.2	NO	1.000	NO	bb
2	2 200608M1_4	Standard	2.500	5.97	287.467	16637.811	2.578	2.7	9.7	NO	1.000	NO	MM
3	3 200608M1_5	Standard	5.000	5.98	562.787	17011.586	4.936	5.4	7.7	NO	1.000	NO	bb
4	4 200608M1_6	Standard	10.000	5.97	957.487	17268.777	8.273	9.1	-8.7	NO	1.000	NO	bb
5	5 200608M1_7	Standard	25.000	5.98	2651.426	16918.227	23.383	26.1	4.3	NO	1.000	NO	MM
6	6 200608M1_8	Standard	50.000	5.98	5341.894	17196.773	46.347	51.8	3.6	NO	1.000	NO	MM
7	7 200608M1_9	Standard	250.000	5.98	25108.684	17075.686	219.389	245.6	-1.8	NO	1.000	NO	bb
8	8 200608M1_10	Standard	500.000	5.98	48107.547	15987.937	448.941	502.0	0.4	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998370
Calibration curve: -0.000326772 * x^2 + 0.602287 * x + 0.080925
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	0.250	6.34	328.773	19555.854	0.210	0.2	-14.2	NO	0.998	NO	bb
2	2 200608M1_4	Standard	0.500	6.34	674.841	20927.910	0.403	0.5	7.0	NO	0.998	NO	bb
3	3 200608M1_5	Standard	1.000	6.34	1200.796	22541.762	0.666	1.0	-2.8	NO	0.998	NO	MM
4	4 200608M1_6	Standard	2.000	6.34	2137.770	20544.287	1.301	2.0	1.4	NO	0.998	NO	MM
5	5 200608M1_7	Standard	5.000	6.34	5341.236	21580.018	3.094	5.0	0.3	NO	0.998	NO	bb
6	6 200608M1_8	Standard	10.000	6.35	10934.090	20193.180	6.768	11.2	11.7	NO	0.998	NO	MM
7	7 200608M1_9	Standard	50.000	6.35	48948.992	21769.238	28.107	47.8	-4.5	NO	0.998	NO	bb
8	8 200608M1_10	Standard	100.000	6.34	93355.398	20256.842	57.607	101.1	1.1	NO	0.998	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.998914
Calibration curve: -4.81973e-005 * x^2 + 0.709841 * x + 0.0288623
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	200608M1_3	Standard	0.250	6.57	313.735	19555.854	0.201	0.2	-3.3	NO	0.999	NO	MM
2	2	200608M1_4	Standard	0.500	6.57	651.616	20927.910	0.389	0.5	1.5	NO	0.999	NO	bb
3	3	200608M1_5	Standard	1.000	6.58	1263.529	22541.762	0.701	0.9	-5.4	NO	0.999	NO	bb
4	4	200608M1_6	Standard	2.000	6.58	2425.015	20544.287	1.475	2.0	1.9	NO	0.999	NO	bb
5	5	200608M1_7	Standard	5.000	6.58	6001.493	21580.018	3.476	4.9	-2.8	NO	0.999	NO	bb
6	6	200608M1_8	Standard	10.000	6.58	12707.462	20193.180	7.866	11.0	10.5	NO	0.999	NO	bb
7	7	200608M1_9	Standard	50.000	6.58	59692.191	21769.238	34.276	48.4	-3.2	NO	0.999	NO	bb
8	8	200608M1_10	Standard	100.000	6.58	115097.586	20256.842	71.024	100.7	0.7	NO	0.999	NO	bb

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.997495
Calibration curve: -0.000271999 * x^2 + 1.07125 * x + -0.328532
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	200608M1_3	Standard	1.250	6.20	56.830	6741.055	1.258	1.5	18.5	NO	0.997	NO	bb
2	2	200608M1_4	Standard	2.500	6.21	122.953	7951.688	2.307	2.5	-1.5	NO	0.997	NO	bb
3	3	200608M1_5	Standard	5.000	6.20	213.028	6961.484	4.566	4.6	-8.5	NO	0.997	NO	MM
4	4	200608M1_6	Standard	10.000	6.20	524.631	7050.819	11.102	10.7	7.0	NO	0.997	NO	MM
5	5	200608M1_7	Standard	25.000	6.20	1143.460	7111.531	23.990	22.8	-8.7	NO	0.997	NO	MM
6	6	200608M1_8	Standard	50.000	6.20	2286.205	7299.975	46.726	44.4	-11.1	NO	0.997	NO	bb
7	7	200608M1_9	Standard	250.000	6.20	13859.009	7821.867	264.357	264.9	6.0	NO	0.997	NO	MM
8	8	200608M1_10	Standard	500.000	6.20	21904.664	7088.646	461.044	492.2	-1.6	NO	0.997	NO	bb

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Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999226
Calibration curve: -0.000280237 * x^2 + 1.20128 * x + -0.655901
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	1.250	6.35	51.664	8102.683	0.951	1.3	7.1	NO	0.999	NO	MM
2	2	200608M1_4	Standard	2.500	6.35	145.431	8432.079	2.573	2.7	7.6	NO	0.999	NO	bb
3	3	200608M1_5	Standard	5.000	6.36	326.142	8607.597	5.653	5.3	5.2	NO	0.999	NO	bb
4	4	200608M1_6	Standard	10.000	6.35	480.668	7996.875	8.968	8.0	-19.7	NO	0.999	NO	MM
5	5	200608M1_7	Standard	25.000	6.36	1497.079	7951.467	28.091	24.1	-3.7	NO	0.999	NO	MM
6	6	200608M1_8	Standard	50.000	6.36	3318.597	8182.124	60.514	51.5	3.1	NO	0.999	NO	MM
7	7	200608M1_9	Standard	250.000	6.36	14717.076	7722.004	284.355	252.1	0.8	NO	0.999	NO	MM
8	8	200608M1_10	Standard	500.000	6.35	27734.320	7826.105	528.738	498.7	-0.3	NO	0.999	NO	MM

Compound name: 13C3-PFBA-EIS
Response Factor: 342.894
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	1.26	3971.651		3971.651	11.6	-7.3	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	1.26	4030.236		4030.236	11.8	-6.0	NO		NO	MMX
3	3	200608M1_5	Standard	12.500	1.26	4278.170		4278.170	12.5	-0.2	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	1.26	4036.792		4036.792	11.8	-5.8	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	1.27	3994.222		3994.222	11.6	-6.8	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	1.27	4286.173		4286.173	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	1.26	4493.122		4493.122	13.1	4.8	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	1.27	4231.664		4231.664	12.3	-1.3	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.758351
RRF SD: 0.0236547, Relative SD: 3.11923
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	1.26	4021.277	5201.871	9.663	12.7	1.9	NO		NO	MM
2	2 200608M1_4	Standard	12.500	1.26	4041.287	5433.162	9.298	12.3	-1.9	NO		NO	MM
3	3 200608M1_5	Standard	12.500	1.26	4268.669	5553.903	9.607	12.7	1.4	NO		NO	MM
4	4 200608M1_6	Standard	12.500	1.26	4125.462	5512.543	9.355	12.3	-1.3	NO		NO	MM
5	5 200608M1_7	Standard	12.500	1.27	4102.245	5646.715	9.081	12.0	-4.2	NO		NO	MM
6	6 200608M1_8	Standard	12.500	1.27	4251.430	5717.169	9.295	12.3	-1.9	NO		NO	MM
7	7 200608M1_9	Standard	12.500	1.26	4469.886	5561.958	10.046	13.2	6.0	NO		NO	MM
8	8 200608M1_10	Standard	12.500	1.27	4294.805	5656.896	9.490	12.5	0.1	NO		NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 399.101
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	2.20	4687.019		4687.019	11.7	-6.0	NO		NO	MMX
2	2 200608M1_4	Standard	12.500	2.20	4757.700		4757.700	11.9	-4.6	NO		NO	MMX
3	3 200608M1_5	Standard	12.500	2.20	4894.519		4894.519	12.3	-1.9	NO		NO	MMX
4	4 200608M1_6	Standard	12.500	2.20	4870.313		4870.313	12.2	-2.4	NO		NO	MMX
5	5 200608M1_7	Standard	12.500	2.20	4793.121		4793.121	12.0	-3.9	NO		NO	MMX
6	6 200608M1_8	Standard	12.500	2.20	4988.758		4988.758	12.5	0.0	NO		NO	MM
7	7 200608M1_9	Standard	12.500	2.20	5042.023		5042.023	12.6	1.1	NO		NO	MMX
8	8 200608M1_10	Standard	12.500	2.21	4639.651		4639.651	11.6	-7.0	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.502837
RRF SD: 0.0112151, Relative SD: 2.23036
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	2.20	4684.285	9278.866	6.310	12.5	0.4	NO		NO	MM
2	2 200608M1_4	Standard	12.500	2.20	4971.008	9725.219	6.389	12.7	1.7	NO		NO	bb
3	3 200608M1_5	Standard	12.500	2.20	4873.082	9830.484	6.196	12.3	-1.4	NO		NO	MM
4	4 200608M1_6	Standard	12.500	2.20	4821.783	9521.296	6.330	12.6	0.7	NO		NO	MM
5	5 200608M1_7	Standard	12.500	2.20	4812.545	9777.177	6.153	12.2	-2.1	NO		NO	MM
6	6 200608M1_8	Standard	12.500	2.20	4986.296	10296.349	6.053	12.0	-3.7	NO		NO	MM
7	7 200608M1_9	Standard	12.500	2.20	5036.872	9879.559	6.373	12.7	1.4	NO		NO	MM
8	8 200608M1_10	Standard	12.500	2.21	4858.244	9374.168	6.478	12.9	3.1	NO		NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 95.0225
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	2.48	1104.695		1104.695	11.6	-7.0	NO		NO	bbX
2	2 200608M1_4	Standard	12.500	2.49	1188.350		1188.350	12.5	0.0	NO		NO	MMX
3	3 200608M1_5	Standard	12.500	2.49	1196.350		1196.350	12.6	0.7	NO		NO	bbX
4	4 200608M1_6	Standard	12.500	2.49	1185.048		1185.048	12.5	-0.2	NO		NO	MMX
5	5 200608M1_7	Standard	12.500	2.49	1174.063		1174.063	12.4	-1.2	NO		NO	MMX
6	6 200608M1_8	Standard	12.500	2.49	1187.781		1187.781	12.5	0.0	NO		NO	bb
7	7 200608M1_9	Standard	12.500	2.49	1297.389		1297.389	13.7	9.2	NO		NO	MMX
8	8 200608M1_10	Standard	12.500	2.50	1127.812		1127.812	11.9	-5.0	NO		NO	MMX

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Compound name: 13C3-PFBS-RSD
Response Factor: 0.721014
RRF SD: 0.0333393, Relative SD: 4.62395
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	2.48	1104.695	1512.258	9.131	12.7	1.3	NO		NO	bb
2	2	200608M1_4	Standard	12.500	2.49	1188.147	1732.260	8.574	11.9	-4.9	NO		NO	MM
3	3	200608M1_5	Standard	12.500	2.49	1196.350	1699.121	8.801	12.2	-2.3	NO		NO	bb
4	4	200608M1_6	Standard	12.500	2.49	1185.166	1673.711	8.851	12.3	-1.8	NO		NO	MM
5	5	200608M1_7	Standard	12.500	2.49	1172.391	1537.357	9.533	13.2	5.8	NO		NO	MM
6	6	200608M1_8	Standard	12.500	2.49	1187.781	1565.509	9.484	13.2	5.2	NO		NO	bb
7	7	200608M1_9	Standard	12.500	2.49	1299.141	1743.952	9.312	12.9	3.3	NO		NO	MM
8	8	200608M1_10	Standard	12.500	2.50	1127.141	1674.167	8.416	11.7	-6.6	NO		NO	MM

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 73.5957
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	3.23	861.405		861.405	11.7	-6.4	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	3.23	918.883		918.883	12.5	-0.1	NO		NO	MMX
3	3	200608M1_5	Standard	12.500	3.23	949.251		949.251	12.9	3.2	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	3.23	856.230		856.230	11.6	-6.9	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	3.23	931.810		931.810	12.7	1.3	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	3.23	919.946		919.946	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	3.23	988.033		988.033	13.4	7.4	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	3.24	801.523		801.523	10.9	-12.9	NO		NO	MMX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.0929634
RRF SD: 0.00451304, Relative SD: 4.85464
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	3.23	861.013	9278.866	1.160	12.5	-0.2	NO		NO	MM
2	2	200608M1_4	Standard	12.500	3.23	918.099	9725.219	1.180	12.7	1.5	NO		NO	MM
3	3	200608M1_5	Standard	12.500	3.23	949.251	9830.484	1.207	13.0	3.9	NO		NO	bb
4	4	200608M1_6	Standard	12.500	3.23	858.288	9521.296	1.127	12.1	-3.0	NO		NO	MM
5	5	200608M1_7	Standard	12.500	3.23	930.422	9777.177	1.190	12.8	2.4	NO		NO	MM
6	6	200608M1_8	Standard	12.500	3.23	919.339	10296.349	1.116	12.0	-4.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	3.23	985.836	9879.559	1.247	13.4	7.3	NO		NO	MM
8	8	200608M1_10	Standard	12.500	3.24	802.134	9374.168	1.070	11.5	-8.0	NO		NO	MM

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 156.198
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	2.93	1878.783		1878.783	12.0	-3.8	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	2.93	2196.249		2196.249	14.1	12.5	NO		NO	MMX
3	3	200608M1_5	Standard	12.500	2.93	2118.499		2118.499	13.6	8.5	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	2.93	2097.354		2097.354	13.4	7.4	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	2.93	1787.288		1787.288	11.4	-8.5	NO		NO	bbX
6	6	200608M1_8	Standard	12.500	2.93	1952.470		1952.470	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	2.93	2043.373		2043.373	13.1	4.7	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	2.93	1719.664		1719.664	11.0	-11.9	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.20211
RRF SD: 0.0803637, Relative SD: 6.68523
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	2.93	1878.783	1512.258	15.530	12.9	3.3	NO		NO	bb
2	2	200608M1_4	Standard	12.500	2.93	2191.817	1732.260	15.816	13.2	5.3	NO		NO	MM
3	3	200608M1_5	Standard	12.500	2.93	2114.995	1699.121	15.559	12.9	3.5	NO		NO	MM
4	4	200608M1_6	Standard	12.500	2.93	2097.038	1673.711	15.662	13.0	4.2	NO		NO	MM
5	5	200608M1_7	Standard	12.500	2.93	1787.288	1537.357	14.532	12.1	-3.3	NO		NO	bb
6	6	200608M1_8	Standard	12.500	2.93	1954.999	1565.509	15.610	13.0	3.9	NO		NO	MM
7	7	200608M1_9	Standard	12.500	2.93	2045.596	1743.952	14.662	12.2	-2.4	NO		NO	MM
8	8	200608M1_10	Standard	12.500	2.93	1719.664	1674.167	12.840	10.7	-14.6	NO		NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 732.131
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	3.01	9218.750		9218.750	12.6	0.7	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	3.01	9153.280		9153.280	12.5	0.0	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	3.01	9700.147		9700.147	13.2	6.0	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	3.01	9604.625		9604.625	13.1	4.9	NO		NO	bbX
5	5	200608M1_7	Standard	12.500	3.01	9215.807		9215.807	12.6	0.7	NO		NO	bbX
6	6	200608M1_8	Standard	12.500	3.01	9151.637		9151.637	12.5	0.0	NO		NO	bb
7	7	200608M1_9	Standard	12.500	3.01	10257.830		10257.830	14.0	12.1	NO		NO	bbX
8	8	200608M1_10	Standard	12.500	3.01	9543.414		9543.414	13.0	4.3	NO		NO	MMX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.97761
RRF SD: 0.0494042, Relative SD: 5.05357
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	3.01	9218.750	9278.866	12.419	12.7	1.6	NO		NO	bb
2	2	200608M1_4	Standard	12.500	3.01	9153.280	9725.219	11.765	12.0	-3.7	NO		NO	bb
3	3	200608M1_5	Standard	12.500	3.01	9735.390	9830.484	12.379	12.7	1.3	NO		NO	MM
4	4	200608M1_6	Standard	12.500	3.01	9604.625	9521.296	12.609	12.9	3.2	NO		NO	bb
5	5	200608M1_7	Standard	12.500	3.01	9215.807	9777.177	11.782	12.1	-3.6	NO		NO	bb
6	6	200608M1_8	Standard	12.500	3.01	9151.637	10296.349	11.110	11.4	-9.1	NO		NO	bb
7	7	200608M1_9	Standard	12.500	3.01	10257.830	9879.559	12.979	13.3	6.2	NO		NO	bb
8	8	200608M1_10	Standard	12.500	3.01	9537.197	9374.168	12.717	13.0	4.1	NO		NO	MM

Compound name: 13C4-PFHpA-EIS
Response Factor: 478.345
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	3.62	5644.531		5644.531	11.8	-5.6	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	3.62	5839.665		5839.665	12.2	-2.3	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	3.62	5850.105		5850.105	12.2	-2.2	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	3.62	6001.729		6001.729	12.5	0.4	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	3.62	5859.276		5859.276	12.2	-2.0	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	3.62	5979.317		5979.317	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	3.62	6101.158		6101.158	12.8	2.0	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	3.62	5940.373		5940.373	12.4	-0.7	NO		NO	MMX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.608967
RRF SD: 0.0195729, Relative SD: 3.21411
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	3.62	5644.531	9278.866	7.604	12.5	-0.1	NO		NO	bb
2	2	200608M1_4	Standard	12.500	3.62	5839.665	9725.219	7.506	12.3	-1.4	NO		NO	bb
3	3	200608M1_5	Standard	12.500	3.62	5841.828	9830.484	7.428	12.2	-2.4	NO		NO	MM
4	4	200608M1_6	Standard	12.500	3.62	6000.718	9521.296	7.878	12.9	3.5	NO		NO	MM
5	5	200608M1_7	Standard	12.500	3.62	5866.332	9777.177	7.500	12.3	-1.5	NO		NO	MM
6	6	200608M1_8	Standard	12.500	3.62	5979.030	10296.349	7.259	11.9	-4.6	NO		NO	MM
7	7	200608M1_9	Standard	12.500	3.62	6098.746	9879.559	7.716	12.7	1.4	NO		NO	MM
8	8	200608M1_10	Standard	12.500	3.62	6003.610	9374.168	8.006	13.1	5.2	NO		NO	MM

Compound name: 13C3-PFHxS-EIS
Response Factor: 261.624
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	3.76	3041.754		3041.754	11.6	-7.0	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	3.76	3192.328		3192.328	12.2	-2.4	NO		NO	MMX
3	3	200608M1_5	Standard	12.500	3.77	3077.719		3077.719	11.8	-5.9	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	3.76	3075.305		3075.305	11.8	-6.0	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	3.77	3288.050		3288.050	12.6	0.5	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	3.77	3270.301		3270.301	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	3.77	3274.813		3274.813	12.5	0.1	NO		NO	bbX
8	8	200608M1_10	Standard	12.500	3.77	3163.148		3163.148	12.1	-3.3	NO		NO	MMX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 1.93608
RRF SD: 0.126388, Relative SD: 6.52808
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	3.76	3041.071	1512.258	25.137	13.0	3.9	NO		NO	MM
2	2 200608M1_4	Standard	12.500	3.76	3193.688	1732.260	23.046	11.9	-4.8	NO		NO	MM
3	3 200608M1_5	Standard	12.500	3.77	3077.719	1699.121	22.642	11.7	-6.4	NO		NO	bb
4	4 200608M1_6	Standard	12.500	3.76	3070.337	1673.711	22.931	11.8	-5.2	NO		NO	MM
5	5 200608M1_7	Standard	12.500	3.77	3290.193	1537.357	26.752	13.8	10.5	NO		NO	MM
6	6 200608M1_8	Standard	12.500	3.77	3271.652	1565.509	26.123	13.5	7.9	NO		NO	MM
7	7 200608M1_9	Standard	12.500	3.77	3274.813	1743.952	23.473	12.1	-3.0	NO		NO	bb
8	8 200608M1_10	Standard	12.500	3.77	3148.078	1674.167	23.505	12.1	-2.9	NO		NO	MM

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 141.823
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	4.07	1542.994		1542.994	10.9	-13.0	NO		NO	MMX
2	2 200608M1_4	Standard	12.500	4.08	1342.516		1342.516	9.5	-24.3	NO		NO	bbX
3	3 200608M1_5	Standard	12.500	4.07	1625.629		1625.629	11.5	-8.3	NO		NO	MMX
4	4 200608M1_6	Standard	12.500	4.07	1678.432		1678.432	11.8	-5.3	NO		NO	bbX
5	5 200608M1_7	Standard	12.500	4.07	1699.927		1699.927	12.0	-4.1	NO		NO	MMX
6	6 200608M1_8	Standard	12.500	4.08	1772.791		1772.791	12.5	0.0	NO		NO	MM
7	7 200608M1_9	Standard	12.500	4.07	1792.817		1792.817	12.6	1.1	NO		NO	MMX
8	8 200608M1_10	Standard	12.500	4.08	1692.932		1692.932	11.9	-4.5	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.494737
RRF SD: 0.0605964, Relative SD: 12.2482
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.07	1544.089	3100.617	6.225	12.6	0.7	NO		NO	MM
2	2	200608M1_4	Standard	12.500	4.08	1342.516	3403.704	4.930	10.0	-20.3	NO		NO	bb
3	3	200608M1_5	Standard	12.500	4.07	1625.185	3189.122	6.370	12.9	3.0	NO		NO	MM
4	4	200608M1_6	Standard	12.500	4.07	1678.432	3426.192	6.124	12.4	-1.0	NO		NO	bb
5	5	200608M1_7	Standard	12.500	4.07	1699.734	3750.824	5.665	11.4	-8.4	NO		NO	MM
6	6	200608M1_8	Standard	12.500	4.08	1771.377	3450.785	6.417	13.0	3.8	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.07	1790.845	2935.822	7.625	15.4	23.3	NO		NO	MM
8	8	200608M1_10	Standard	12.500	4.08	1692.932	3458.495	6.119	12.4	-1.1	NO		NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 886.678
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.56	10240.575		10240.575	11.5	-7.6	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	4.56	10683.757		10683.757	12.0	-3.6	NO		NO	MMX
3	3	200608M1_5	Standard	12.500	4.56	11222.313		11222.313	12.7	1.3	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	4.56	8842.907		8842.907	10.0	-20.2	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	4.56	11519.721		11519.721	13.0	3.9	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	4.56	11083.478		11083.478	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.56	11404.766		11404.766	12.9	2.9	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	4.56	9416.959		9416.959	10.6	-15.0	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.948785
RRF SD: 0.0924911, Relative SD: 9.74837
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.56	10225.821	11190.511	11.422	12.0	-3.7	NO		NO	MM
2	2	200608M1_4	Standard	12.500	4.56	10686.027	11859.365	11.263	11.9	-5.0	NO		NO	MM
3	3	200608M1_5	Standard	12.500	4.56	11231.738	12110.884	11.593	12.2	-2.3	NO		NO	MM
4	4	200608M1_6	Standard	12.500	4.56	8815.416	9940.334	11.085	11.7	-6.5	NO		NO	MM
5	5	200608M1_7	Standard	12.500	4.56	11520.253	10892.331	13.221	13.9	11.5	NO		NO	MM
6	6	200608M1_8	Standard	12.500	4.56	11073.021	9890.773	13.994	14.7	18.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.56	11417.902	12145.134	11.752	12.4	-0.9	NO		NO	MM
8	8	200608M1_10	Standard	12.500	4.56	9416.959	11159.125	10.548	11.1	-11.1	NO		NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 281.289
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.61	3276.514		3276.514	11.6	-6.8	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	4.61	3337.388		3337.388	11.9	-5.1	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	4.61	3467.741		3467.741	12.3	-1.4	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	4.61	3136.866		3136.866	11.2	-10.8	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	4.61	3269.413		3269.413	11.6	-7.0	NO		NO	bbX
6	6	200608M1_8	Standard	12.500	4.61	3516.116		3516.116	12.5	0.0	NO		NO	bb
7	7	200608M1_9	Standard	12.500	4.61	3498.282		3498.282	12.4	-0.5	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	4.61	3342.635		3342.635	11.9	-4.9	NO		NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.194074
RRF SD: 0.0245654, Relative SD: 12.6577
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.61	3276.514	18106.670	2.262	11.7	-6.8	NO		NO	bb
2	2	200608M1_4	Standard	12.500	4.61	3337.388	18672.654	2.234	11.5	-7.9	NO		NO	bb
3	3	200608M1_5	Standard	12.500	4.61	3467.741	19610.289	2.210	11.4	-8.9	NO		NO	bb
4	4	200608M1_6	Standard	12.500	4.61	3139.192	15509.265	2.530	13.0	4.3	NO		NO	MM
5	5	200608M1_7	Standard	12.500	4.61	3269.413	20464.141	1.997	10.3	-17.7	NO		NO	bb
6	6	200608M1_8	Standard	12.500	4.61	3516.116	14943.898	2.941	15.2	21.2	NO		NO	bb
7	7	200608M1_9	Standard	12.500	4.61	3516.029	17415.568	2.524	13.0	4.0	NO		NO	MM
8	8	200608M1_10	Standard	12.500	4.61	3342.635	15423.327	2.709	14.0	11.7	NO		NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 1017.29
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.12	11833.547		11833.547	11.6	-6.9	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	4.13	13006.115		13006.115	12.8	2.3	NO		NO	MMX
3	3	200608M1_5	Standard	12.500	4.13	14123.189		14123.189	13.9	11.1	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	4.13	12244.928		12244.928	12.0	-3.7	NO		NO	bbX
5	5	200608M1_7	Standard	12.500	4.13	12431.934		12431.934	12.2	-2.2	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	4.13	12716.161		12716.161	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.13	13272.210		13272.210	13.0	4.4	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	4.13	11810.730		11810.730	11.6	-7.1	NO		NO	MMX

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Compound name: 13C2-PFOA-RSD
Response Factor: 0.785516
RRF SD: 0.0491086, Relative SD: 6.25176
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.12	11833.547	15769.946	9.380	11.9	-4.5	NO		NO	bb
2	2	200608M1_4	Standard	12.500	4.13	12983.680	16625.438	9.762	12.4	-0.6	NO		NO	MM
3	3	200608M1_5	Standard	12.500	4.13	14120.148	17400.711	10.143	12.9	3.3	NO		NO	MM
4	4	200608M1_6	Standard	12.500	4.13	12244.928	16554.041	9.246	11.8	-5.8	NO		NO	bb
5	5	200608M1_7	Standard	12.500	4.13	12428.204	15905.590	9.767	12.4	-0.5	NO		NO	MM
6	6	200608M1_8	Standard	12.500	4.13	12663.660	15717.563	10.071	12.8	2.6	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.13	13294.292	15055.044	11.038	14.1	12.4	NO		NO	MM
8	8	200608M1_10	Standard	12.500	4.13	11865.668	16220.813	9.144	11.6	-6.9	NO		NO	MM

Compound name: 13C8-PFOS-EIS
Response Factor: 296.047
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.64	3232.362		3232.362	10.9	-12.7	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	4.65	3099.386		3099.386	10.5	-16.2	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	4.65	3724.644		3724.644	12.6	0.6	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	4.64	3472.219		3472.219	11.7	-6.2	NO		NO	bbX
5	5	200608M1_7	Standard	12.500	4.65	3880.970		3880.970	13.1	4.9	NO		NO	bbX
6	6	200608M1_8	Standard	12.500	4.65	3700.593		3700.593	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.65	3599.911		3599.911	12.2	-2.7	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	4.65	3164.986		3164.986	10.7	-14.5	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 1.04817
RRF SD: 0.110553, Relative SD: 10.5472
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.64	3232.362	3100.617	13.031	12.4	-0.5	NO		NO	bb
2	2	200608M1_4	Standard	12.500	4.65	3099.386	3403.704	11.382	10.9	-13.1	NO		NO	bb
3	3	200608M1_5	Standard	12.500	4.65	3724.644	3189.122	14.599	13.9	11.4	NO		NO	bb
4	4	200608M1_6	Standard	12.500	4.64	3472.219	3426.192	12.668	12.1	-3.3	NO		NO	bb
5	5	200608M1_7	Standard	12.500	4.65	3880.970	3750.824	12.934	12.3	-1.3	NO		NO	bb
6	6	200608M1_8	Standard	12.500	4.65	3700.626	3450.785	13.405	12.8	2.3	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.65	3607.146	2935.822	15.358	14.7	17.2	NO		NO	MM
8	8	200608M1_10	Standard	12.500	4.65	3164.986	3458.495	11.439	10.9	-12.7	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 854.442
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.93	11388.576		11388.576	13.3	6.6	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	4.93	12084.154		12084.154	14.1	13.1	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	4.94	12365.495		12365.495	14.5	15.8	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	4.94	10951.385		10951.385	12.8	2.5	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	4.94	12107.437		12107.437	14.2	13.4	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	4.94	10680.528		10680.528	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.94	11449.868		11449.868	13.4	7.2	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	4.94	10359.172		10359.172	12.1	-3.0	NO		NO	MMX

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Compound name: 13C2-PFDA-RSD
Response Factor: 0.875445
RRF SD: 0.0558648, Relative SD: 6.3813
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.93	11446.595	12553.825	11.398	13.0	4.2	NO		NO	MM
2	2	200608M1_4	Standard	12.500	4.93	12084.154	15003.349	10.068	11.5	-8.0	NO		NO	bb
3	3	200608M1_5	Standard	12.500	4.94	12373.755	13682.820	11.304	12.9	3.3	NO		NO	MM
4	4	200608M1_6	Standard	12.500	4.94	10952.223	13970.194	9.800	11.2	-10.4	NO		NO	MM
5	5	200608M1_7	Standard	12.500	4.94	12098.676	14012.571	10.793	12.3	-1.4	NO		NO	MM
6	6	200608M1_8	Standard	12.500	4.94	10686.937	11647.803	11.469	13.1	4.8	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.94	11463.328	13107.912	10.932	12.5	-0.1	NO		NO	MM
8	8	200608M1_10	Standard	12.500	4.94	10354.711	10985.612	11.782	13.5	7.7	NO		NO	MM

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 165.853
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	4.90	1891.916		1891.916	11.4	-8.7	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	4.90	2027.431		2027.431	12.2	-2.2	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	4.91	1791.920		1791.920	10.8	-13.6	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	4.91	1993.795		1993.795	12.0	-3.8	NO		NO	bbX
5	5	200608M1_7	Standard	12.500	4.91	1465.903		1465.903	8.8	-29.3	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	4.91	2073.163		2073.163	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	4.91	1790.469		1790.469	10.8	-13.6	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	4.91	1957.474		1957.474	11.8	-5.6	NO		NO	MMX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.564246
RRF SD: 0.0724098, Relative SD: 12.833
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	4.90	1891.916	3100.617	7.627	13.5	8.1	NO		NO	bb
2	2 200608M1_4	Standard	12.500	4.90	2027.431	3403.704	7.446	13.2	5.6	NO		NO	bb
3	3 200608M1_5	Standard	12.500	4.91	1791.920	3189.122	7.024	12.4	-0.4	NO		NO	bb
4	4 200608M1_6	Standard	12.500	4.91	1993.795	3426.192	7.274	12.9	3.1	NO		NO	bb
5	5 200608M1_7	Standard	12.500	4.91	1465.300	3750.824	4.883	8.7	-30.8	NO		NO	MM
6	6 200608M1_8	Standard	12.500	4.91	2072.076	3450.785	7.506	13.3	6.4	NO		NO	MM
7	7 200608M1_9	Standard	12.500	4.91	1782.502	2935.822	7.589	13.5	7.6	NO		NO	MM
8	8 200608M1_10	Standard	12.500	4.91	1957.677	3458.495	7.076	12.5	0.3	NO		NO	MM

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 721.699
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	5.08	8536.348		8536.348	11.8	-5.4	NO		NO	MMX
2	2 200608M1_4	Standard	12.500	5.08	9175.904		9175.904	12.7	1.7	NO		NO	MMX
3	3 200608M1_5	Standard	12.500	5.08	9160.040		9160.040	12.7	1.5	NO		NO	bbX
4	4 200608M1_6	Standard	12.500	5.08	9250.231		9250.231	12.8	2.5	NO		NO	bbX
5	5 200608M1_7	Standard	12.500	5.09	9082.604		9082.604	12.6	0.7	NO		NO	bbX
6	6 200608M1_8	Standard	12.500	5.08	9021.237		9021.237	12.5	0.0	NO		NO	bb
7	7 200608M1_9	Standard	12.500	5.08	9671.940		9671.940	13.4	7.2	NO		NO	MMX
8	8 200608M1_10	Standard	12.500	5.08	8900.273		8900.273	12.3	-1.3	NO		NO	MMX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.525837
RRF SD: 0.0642606, Relative SD: 12.2206
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.08	8540.234	18106.670	5.896	11.2	-10.3	NO		NO	MM
2	2	200608M1_4	Standard	12.500	5.08	9167.397	18672.654	6.137	11.7	-6.6	NO		NO	MM
3	3	200608M1_5	Standard	12.500	5.08	9160.040	19610.289	5.839	11.1	-11.2	NO		NO	bb
4	4	200608M1_6	Standard	12.500	5.08	9250.231	15509.265	7.455	14.2	13.4	NO		NO	bb
5	5	200608M1_7	Standard	12.500	5.09	9082.604	20464.141	5.548	10.6	-15.6	NO		NO	bb
6	6	200608M1_8	Standard	12.500	5.08	9021.237	14943.898	7.546	14.4	14.8	NO		NO	bb
7	7	200608M1_9	Standard	12.500	5.08	9680.854	17415.568	6.948	13.2	5.7	NO		NO	MM
8	8	200608M1_10	Standard	12.500	5.08	8901.876	15423.327	7.215	13.7	9.8	NO		NO	MM

Compound name: 13C2-PFUdA-EIS
Response Factor: 1386.06
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.26	16930.586		16930.586	12.2	-2.3	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	5.26	17125.453		17125.453	12.4	-1.2	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	5.26	18499.211		18499.211	13.3	6.8	NO		NO	MMX
4	4	200608M1_6	Standard	12.500	5.26	17668.637		17668.637	12.7	2.0	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	5.26	19571.096		19571.096	14.1	13.0	NO		NO	bdX
6	6	200608M1_8	Standard	12.500	5.26	17325.713		17325.713	12.5	0.0	NO		NO	bb
7	7	200608M1_9	Standard	12.500	5.26	17411.779		17411.779	12.6	0.5	NO		NO	bbX
8	8	200608M1_10	Standard	12.500	5.26	16941.631		16941.631	12.2	-2.2	NO		NO	MMX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.02566
RRF SD: 0.110056, Relative SD: 10.7302
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.26	16927.688	18106.670	11.686	11.4	-8.9	NO		NO	MM
2	2	200608M1_4	Standard	12.500	5.26	17125.453	18672.654	11.464	11.2	-10.6	NO		NO	bb
3	3	200608M1_5	Standard	12.500	5.26	18469.846	19610.289	11.773	11.5	-8.2	NO		NO	MM
4	4	200608M1_6	Standard	12.500	5.26	18189.559	15509.265	14.660	14.3	14.3	NO		NO	MM
5	5	200608M1_7	Standard	12.500	5.26	19553.229	20464.141	11.944	11.6	-6.8	NO		NO	MM
6	6	200608M1_8	Standard	12.500	5.26	17693.000	14943.898	14.800	14.4	15.4	NO		NO	MM
7	7	200608M1_9	Standard	12.500	5.26	17411.779	17415.568	12.497	12.2	-2.5	NO		NO	bb
8	8	200608M1_10	Standard	12.500	5.26	16956.279	15423.327	13.742	13.4	7.2	NO		NO	MM

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 698.659
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.24	9080.485		9080.485	13.0	4.0	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	5.24	8873.149		8873.149	12.7	1.6	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	5.24	9142.254		9142.254	13.1	4.7	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	5.24	8922.070		8922.070	12.8	2.2	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	5.24	8722.960		8722.960	12.5	-0.1	NO		NO	MMX
6	6	200608M1_8	Standard	12.500	5.24	8733.235		8733.235	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	5.24	8566.133		8566.133	12.3	-1.9	NO		NO	bbX
8	8	200608M1_10	Standard	12.500	5.24	8258.605		8258.605	11.8	-5.4	NO		NO	MMX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.506879
RRF SD: 0.0543951, Relative SD: 10.7314
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.24	9081.090	18106.670	6.269	12.4	-1.1	NO		NO	MM
2	2	200608M1_4	Standard	12.500	5.24	8873.149	18672.654	5.940	11.7	-6.3	NO		NO	bb
3	3	200608M1_5	Standard	12.500	5.24	9142.254	19610.289	5.827	11.5	-8.0	NO		NO	bb
4	4	200608M1_6	Standard	12.500	5.24	8912.948	15509.265	7.184	14.2	13.4	NO		NO	MM
5	5	200608M1_7	Standard	12.500	5.24	8724.305	20464.141	5.329	10.5	-15.9	NO		NO	MM
6	6	200608M1_8	Standard	12.500	5.24	8721.044	14943.898	7.295	14.4	15.1	NO		NO	MM
7	7	200608M1_9	Standard	12.500	5.24	8566.133	17415.568	6.148	12.1	-3.0	NO		NO	bb
8	8	200608M1_10	Standard	12.500	5.24	8261.502	15423.327	6.696	13.2	5.7	NO		NO	MM

Compound name: 13C2-PFDoA-EIS
Response Factor: 1513.06
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.54	17009.943		17009.943	11.2	-10.1	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	5.54	20230.203		20230.203	13.4	7.0	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	5.54	19818.059		19818.059	13.1	4.8	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	5.54	16965.963		16965.963	11.2	-10.3	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	5.54	19713.580		19713.580	13.0	4.2	NO		NO	bbX
6	6	200608M1_8	Standard	12.500	5.54	18913.289		18913.289	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	5.54	19783.887		19783.887	13.1	4.6	NO		NO	bbX
8	8	200608M1_10	Standard	12.500	5.54	18454.277		18454.277	12.2	-2.4	NO		NO	MMX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.4486
RRF SD: 0.153365, Relative SD: 10.5871
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.54	17009.943	12553.825	16.937	11.7	-6.5	NO		NO	bb
2	2	200608M1_4	Standard	12.500	5.54	20230.203	15003.349	16.855	11.6	-6.9	NO		NO	bb
3	3	200608M1_5	Standard	12.500	5.54	19818.059	13682.820	18.105	12.5	-0.0	NO		NO	bb
4	4	200608M1_6	Standard	12.500	5.54	16964.412	13970.194	15.179	10.5	-16.2	NO		NO	MM
5	5	200608M1_7	Standard	12.500	5.54	19713.580	14012.571	17.586	12.1	-2.9	NO		NO	bb
6	6	200608M1_8	Standard	12.500	5.54	18915.000	11647.803	20.299	14.0	12.1	NO		NO	MM
7	7	200608M1_9	Standard	12.500	5.54	19783.887	13107.912	18.866	13.0	4.2	NO		NO	bb
8	8	200608M1_10	Standard	12.500	5.54	18485.127	10985.612	21.033	14.5	16.2	NO		NO	MM

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 133.644
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.53	1834.952		1834.952	13.7	9.8	NO		NO	MMX
2	2	200608M1_4	Standard	12.500	5.52	1602.405		1602.405	12.0	-4.1	NO		NO	MMX
3	3	200608M1_5	Standard	12.500	5.52	1457.610		1457.610	10.9	-12.7	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	5.52	1486.644		1486.644	11.1	-11.0	NO		NO	MMX
5	5	200608M1_7	Standard	12.500	5.53	1600.205		1600.205	12.0	-4.2	NO		NO	bbX
6	6	200608M1_8	Standard	12.500	5.53	1670.547		1670.547	12.5	0.0	NO		NO	bb
7	7	200608M1_9	Standard	12.500	5.53	1518.524		1518.524	11.4	-9.1	NO		NO	MMX
8	8	200608M1_10	Standard	12.500	5.53	1298.411		1298.411	9.7	-22.3	NO		NO	bbX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.4696
RRF SD: 0.0652997, Relative SD: 13.9054
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	5.53	1838.292	3100.617	7.411	15.8	26.3	NO		NO	MM
2	2 200608M1_4	Standard	12.500	5.52	1599.354	3403.704	5.874	12.5	0.1	NO		NO	MM
3	3 200608M1_5	Standard	12.500	5.52	1457.610	3189.122	5.713	12.2	-2.7	NO		NO	bb
4	4 200608M1_6	Standard	12.500	5.52	1485.506	3426.192	5.420	11.5	-7.7	NO		NO	MM
5	5 200608M1_7	Standard	12.500	5.53	1600.205	3750.824	5.333	11.4	-9.2	NO		NO	bb
6	6 200608M1_8	Standard	12.500	5.53	1670.547	3450.785	6.051	12.9	3.1	NO		NO	bb
7	7 200608M1_9	Standard	12.500	5.53	1518.524	2935.822	6.465	13.8	10.1	NO		NO	MM
8	8 200608M1_10	Standard	12.500	5.53	1298.411	3458.495	4.693	10.0	-20.1	NO		NO	bb

Compound name: d3-N-MeFOSA-EIS
Response Factor: 73.7906
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	149.200	5.56	10663.436		10663.436	144.5	-3.1	NO		NO	bbX
2	2 200608M1_4	Standard	149.200	5.56	10543.773		10543.773	142.9	-4.2	NO		NO	bbX
3	3 200608M1_5	Standard	149.200	5.57	10595.656		10595.656	143.6	-3.8	NO		NO	bbX
4	4 200608M1_6	Standard	149.200	5.57	10742.231		10742.231	145.6	-2.4	NO		NO	MMX
5	5 200608M1_7	Standard	149.200	5.57	10598.665		10598.665	143.6	-3.7	NO		NO	MMX
6	6 200608M1_8	Standard	149.200	5.57	11009.558		11009.558	149.2	0.0	NO		NO	MM
7	7 200608M1_9	Standard	149.200	5.57	10808.301		10808.301	146.5	-1.8	NO		NO	bbX
8	8 200608M1_10	Standard	149.200	5.57	10558.628		10558.628	143.1	-4.1	NO		NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0518062
RRF SD: 0.00665565, Relative SD: 12.8472
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	149.200	5.56	10663.436	18106.670	7.362	142.1	-4.8	NO		NO	bb
2	2	200608M1_4	Standard	149.200	5.56	10543.773	18672.654	7.058	136.2	-8.7	NO		NO	bb
3	3	200608M1_5	Standard	149.200	5.57	10595.656	19610.289	6.754	130.4	-12.6	NO		NO	bb
4	4	200608M1_6	Standard	149.200	5.57	10741.655	15509.265	8.657	167.1	12.0	NO		NO	MM
5	5	200608M1_7	Standard	149.200	5.57	10589.049	20464.141	6.468	124.9	-16.3	NO		NO	MM
6	6	200608M1_8	Standard	149.200	5.57	11024.568	14943.898	9.222	178.0	19.3	NO		NO	MM
7	7	200608M1_9	Standard	149.200	5.57	10808.301	17415.568	7.758	149.7	0.4	NO		NO	bb
8	8	200608M1_10	Standard	149.200	5.57	10558.628	15423.327	8.557	165.2	10.7	NO		NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1075.25
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	6.00	13889.636		13889.636	12.9	3.3	NO		NO	bbX
2	2	200608M1_4	Standard	12.500	6.00	13448.969		13448.969	12.5	0.1	NO		NO	bbX
3	3	200608M1_5	Standard	12.500	6.00	14952.645		14952.645	13.9	11.2	NO		NO	bbX
4	4	200608M1_6	Standard	12.500	6.01	14208.817		14208.817	13.2	5.7	NO		NO	bbX
5	5	200608M1_7	Standard	12.500	6.01	13005.514		13005.514	12.1	-3.2	NO		NO	bbX
6	6	200608M1_8	Standard	12.500	6.01	13440.665		13440.665	12.5	0.0	NO		NO	bb
7	7	200608M1_9	Standard	12.500	6.01	14955.712		14955.712	13.9	11.3	NO		NO	bbX
8	8	200608M1_10	Standard	12.500	6.00	13853.945		13853.945	12.9	3.1	NO		NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 0.807241
RRF SD: 0.10139, Relative SD: 12.56
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	6.00	13889.636	18106.670	9.589	11.9	-5.0	NO		NO	bb
2	2	200608M1_4	Standard	12.500	6.00	13448.969	18672.654	9.003	11.2	-10.8	NO		NO	bb
3	3	200608M1_5	Standard	12.500	6.00	14952.645	19610.289	9.531	11.8	-5.5	NO		NO	bb
4	4	200608M1_6	Standard	12.500	6.01	14208.817	15509.265	11.452	14.2	13.5	NO		NO	bb
5	5	200608M1_7	Standard	12.500	6.01	13005.514	20464.141	7.944	9.8	-21.3	NO		NO	bb
6	6	200608M1_8	Standard	12.500	6.01	13440.665	14943.898	11.243	13.9	11.4	NO		NO	bb
7	7	200608M1_9	Standard	12.500	6.01	14955.712	17415.568	10.734	13.3	6.4	NO		NO	bb
8	8	200608M1_10	Standard	12.500	6.00	13853.945	15423.327	11.228	13.9	11.3	NO		NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 115.26
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	149.200	5.99	16508.672		16508.672	143.2	-4.0	NO		NO	bbX
2	2	200608M1_4	Standard	149.200	5.99	16637.811		16637.811	144.4	-3.3	NO		NO	bbX
3	3	200608M1_5	Standard	149.200	5.99	17011.586		17011.586	147.6	-1.1	NO		NO	bbX
4	4	200608M1_6	Standard	149.200	5.99	17268.777		17268.777	149.8	0.4	NO		NO	MMX
5	5	200608M1_7	Standard	149.200	5.99	16918.227		16918.227	146.8	-1.6	NO		NO	bbX
6	6	200608M1_8	Standard	149.200	5.99	17196.773		17196.773	149.2	-0.0	NO		NO	bb
7	7	200608M1_9	Standard	149.200	5.99	17075.686		17075.686	148.1	-0.7	NO		NO	MMX
8	8	200608M1_10	Standard	149.200	5.99	15987.937		15987.937	138.7	-7.0	NO		NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.0814472
RRF SD: 0.00992795, Relative SD: 12.1894
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	149.200	5.99	16508.672	18106.670	11.397	139.9	-6.2	NO		NO	bb
2	2 200608M1_4	Standard	149.200	5.99	16637.811	18672.654	11.138	136.7	-8.3	NO		NO	bb
3	3 200608M1_5	Standard	149.200	5.99	17011.586	19610.289	10.844	133.1	-10.8	NO		NO	bb
4	4 200608M1_6	Standard	149.200	5.99	17262.340	15509.265	13.913	170.8	14.5	NO		NO	MM
5	5 200608M1_7	Standard	149.200	5.99	16918.227	20464.141	10.334	126.9	-15.0	NO		NO	bb
6	6 200608M1_8	Standard	149.200	5.99	17196.773	14943.898	14.384	176.6	18.4	NO		NO	bb
7	7 200608M1_9	Standard	149.200	5.99	17064.654	17415.568	12.248	150.4	0.8	NO		NO	MM
8	8 200608M1_10	Standard	149.200	5.99	15987.937	15423.327	12.958	159.1	6.6	NO		NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1615.45
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	6.34	19555.854		19555.854	12.1	-3.2	NO		NO	bbX
2	2 200608M1_4	Standard	12.500	6.34	20927.910		20927.910	13.0	3.6	NO		NO	bbX
3	3 200608M1_5	Standard	12.500	6.34	22541.762		22541.762	14.0	11.6	NO		NO	bbX
4	4 200608M1_6	Standard	12.500	6.35	20544.287		20544.287	12.7	1.7	NO		NO	MMX
5	5 200608M1_7	Standard	12.500	6.34	21580.018		21580.018	13.4	6.9	NO		NO	bbX
6	6 200608M1_8	Standard	12.500	6.35	20193.180		20193.180	12.5	0.0	NO		NO	bb
7	7 200608M1_9	Standard	12.500	6.35	21769.238		21769.238	13.5	7.8	NO		NO	bbX
8	8 200608M1_10	Standard	12.500	6.34	20256.842		20256.842	12.5	0.3	NO		NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.20552
RRF SD: 0.118273, Relative SD: 9.81099
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	6.34	19555.854	18106.670	13.500	11.2	-10.4	NO		NO	bb
2	2	200608M1_4	Standard	12.500	6.34	20927.910	18672.654	14.010	11.6	-7.0	NO		NO	bb
3	3	200608M1_5	Standard	12.500	6.34	22541.762	19610.289	14.369	11.9	-4.6	NO		NO	bb
4	4	200608M1_6	Standard	12.500	6.35	20544.828	15509.265	16.559	13.7	9.9	NO		NO	MM
5	5	200608M1_7	Standard	12.500	6.34	21580.018	20464.141	13.182	10.9	-12.5	NO		NO	bb
6	6	200608M1_8	Standard	12.500	6.35	20193.180	14943.898	16.891	14.0	12.1	NO		NO	bb
7	7	200608M1_9	Standard	12.500	6.35	21769.238	17415.568	15.625	13.0	3.7	NO		NO	bb
8	8	200608M1_10	Standard	12.500	6.34	20256.842	15423.327	16.417	13.6	8.9	NO		NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 48.9274
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	149.200	6.19	6741.055		6741.055	137.8	-7.7	NO		NO	bbX
2	2	200608M1_4	Standard	149.200	6.19	7951.688		7951.688	162.5	8.9	NO		NO	MMX
3	3	200608M1_5	Standard	149.200	6.20	6961.484		6961.484	142.3	-4.6	NO		NO	bbX
4	4	200608M1_6	Standard	149.200	6.19	7050.819		7050.819	144.1	-3.4	NO		NO	MMX
5	5	200608M1_7	Standard	149.200	6.20	7111.531		7111.531	145.3	-2.6	NO		NO	MMX
6	6	200608M1_8	Standard	149.200	6.20	7299.975		7299.975	149.2	0.0	NO		NO	bb
7	7	200608M1_9	Standard	149.200	6.19	7821.867		7821.867	159.9	7.1	NO		NO	MMX
8	8	200608M1_10	Standard	149.200	6.20	7088.646		7088.646	144.9	-2.9	NO		NO	MMX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.0351154
RRF SD: 0.00449209, Relative SD: 12.7924
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	149.200	6.19	6741.055	18106.670	4.654	132.5	-11.2	NO		NO	bb
2	2	200608M1_4	Standard	149.200	6.19	7949.769	18672.654	5.322	151.6	1.6	NO		NO	MM
3	3	200608M1_5	Standard	149.200	6.20	6961.484	19610.289	4.437	126.4	-15.3	NO		NO	bb
4	4	200608M1_6	Standard	149.200	6.19	7060.416	15509.265	5.690	162.1	8.6	NO		NO	MM
5	5	200608M1_7	Standard	149.200	6.20	7113.327	20464.141	4.345	123.7	-17.1	NO		NO	MM
6	6	200608M1_8	Standard	149.200	6.20	7299.975	14943.898	6.106	173.9	16.5	NO		NO	bb
7	7	200608M1_9	Standard	149.200	6.19	7819.143	17415.568	5.612	159.8	7.1	NO		NO	MM
8	8	200608M1_10	Standard	149.200	6.20	7091.033	15423.327	5.747	163.7	9.7	NO		NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 54.84
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	149.200	6.34	8102.683		8102.683	147.8	-1.0	NO		NO	MMX
2	2	200608M1_4	Standard	149.200	6.35	8432.079		8432.079	153.8	3.1	NO		NO	MMX
3	3	200608M1_5	Standard	149.200	6.35	8607.597		8607.597	157.0	5.2	NO		NO	MMX
4	4	200608M1_6	Standard	149.200	6.34	7996.875		7996.875	145.8	-2.3	NO		NO	bbX
5	5	200608M1_7	Standard	149.200	6.35	7951.467		7951.467	145.0	-2.8	NO		NO	MMX
6	6	200608M1_8	Standard	149.200	6.35	8182.124		8182.124	149.2	0.0	NO		NO	MM
7	7	200608M1_9	Standard	149.200	6.35	7722.004		7722.004	140.8	-5.6	NO		NO	MMX
8	8	200608M1_10	Standard	149.200	6.35	7826.105		7826.105	142.7	-4.4	NO		NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.0391753
RRF SD: 0.004316, Relative SD: 11.0171
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	149.200	6.34	8095.598	18106.670	5.589	142.7	-4.4	NO		NO	MM
2	2	200608M1_4	Standard	149.200	6.35	8425.138	18672.654	5.640	144.0	-3.5	NO		NO	MM
3	3	200608M1_5	Standard	149.200	6.35	8620.848	19610.289	5.495	140.3	-6.0	NO		NO	MM
4	4	200608M1_6	Standard	149.200	6.34	7996.875	15509.265	6.445	164.5	10.3	NO		NO	bb
5	5	200608M1_7	Standard	149.200	6.35	7957.053	20464.141	4.860	124.1	-16.8	NO		NO	MM
6	6	200608M1_8	Standard	149.200	6.35	8184.858	14943.898	6.846	174.8	17.1	NO		NO	MM
7	7	200608M1_9	Standard	149.200	6.35	7719.992	17415.568	5.541	141.4	-5.2	NO		NO	MM
8	8	200608M1_10	Standard	149.200	6.35	7826.105	15423.327	6.343	161.9	8.5	NO		NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	1.26	5201.871	5201.871	12.500	12.5	0.0	NO		NO	MM
2	2	200608M1_4	Standard	12.500	1.27	5433.162	5433.162	12.500	12.5	0.0	NO		NO	MM
3	3	200608M1_5	Standard	12.500	1.26	5553.903	5553.903	12.500	12.5	0.0	NO		NO	MM
4	4	200608M1_6	Standard	12.500	1.27	5512.543	5512.543	12.500	12.5	0.0	NO		NO	MM
5	5	200608M1_7	Standard	12.500	1.27	5646.715	5646.715	12.500	12.5	0.0	NO		NO	MM
6	6	200608M1_8	Standard	12.500	1.27	5717.169	5717.169	12.500	12.5	0.0	NO		NO	MM
7	7	200608M1_9	Standard	12.500	1.27	5561.958	5561.958	12.500	12.5	0.0	NO		NO	MM
8	8	200608M1_10	Standard	12.500	1.27	5656.896	5656.896	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	3.01	9278.866	9278.866	12.500	12.5	0.0	NO		NO	bb
2	2 200608M1_4	Standard	12.500	3.01	9725.219	9725.219	12.500	12.5	0.0	NO		NO	bb
3	3 200608M1_5	Standard	12.500	3.01	9830.484	9830.484	12.500	12.5	0.0	NO		NO	bb
4	4 200608M1_6	Standard	12.500	3.01	9521.296	9521.296	12.500	12.5	0.0	NO		NO	MM
5	5 200608M1_7	Standard	12.500	3.01	9777.177	9777.177	12.500	12.5	0.0	NO		NO	bb
6	6 200608M1_8	Standard	12.500	3.01	10296.349	10296.349	12.500	12.5	0.0	NO		NO	bb
7	7 200608M1_9	Standard	12.500	3.01	9879.559	9879.559	12.500	12.5	0.0	NO		NO	MM
8	8 200608M1_10	Standard	12.500	3.02	9374.168	9374.168	12.500	12.5	0.0	NO		NO	MM

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	3.76	1512.258	1512.258	12.500	12.5	0.0	NO		NO	MM
2	2 200608M1_4	Standard	12.500	3.76	1732.260	1732.260	12.500	12.5	0.0	NO		NO	bb
3	3 200608M1_5	Standard	12.500	3.77	1699.121	1699.121	12.500	12.5	0.0	NO		NO	MM
4	4 200608M1_6	Standard	12.500	3.76	1673.711	1673.711	12.500	12.5	0.0	NO		NO	MM
5	5 200608M1_7	Standard	12.500	3.77	1537.357	1537.357	12.500	12.5	0.0	NO		NO	bb
6	6 200608M1_8	Standard	12.500	3.77	1565.509	1565.509	12.500	12.5	0.0	NO		NO	MM
7	7 200608M1_9	Standard	12.500	3.77	1743.952	1743.952	12.500	12.5	0.0	NO		NO	bb
8	8 200608M1_10	Standard	12.500	3.77	1674.167	1674.167	12.500	12.5	0.0	NO		NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	4.12	15769.946	15769.946	12.500	12.5	0.0	NO		NO	MM
2	2 200608M1_4	Standard	12.500	4.13	16625.438	16625.438	12.500	12.5	0.0	NO		NO	bb
3	3 200608M1_5	Standard	12.500	4.13	17400.711	17400.711	12.500	12.5	0.0	NO		NO	bb
4	4 200608M1_6	Standard	12.500	4.13	16554.041	16554.041	12.500	12.5	0.0	NO		NO	bb
5	5 200608M1_7	Standard	12.500	4.13	15905.590	15905.590	12.500	12.5	0.0	NO		NO	bb
6	6 200608M1_8	Standard	12.500	4.13	15717.563	15717.563	12.500	12.5	0.0	NO		NO	bb
7	7 200608M1_9	Standard	12.500	4.13	15055.044	15055.044	12.500	12.5	0.0	NO		NO	MM
8	8 200608M1_10	Standard	12.500	4.13	16220.813	16220.813	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	4.56	11190.511	11190.511	12.500	12.5	0.0	NO		NO	MM
2	2 200608M1_4	Standard	12.500	4.56	11859.365	11859.365	12.500	12.5	0.0	NO		NO	MM
3	3 200608M1_5	Standard	12.500	4.56	12110.884	12110.884	12.500	12.5	0.0	NO		NO	bb
4	4 200608M1_6	Standard	12.500	4.56	9940.334	9940.334	12.500	12.5	0.0	NO		NO	MM
5	5 200608M1_7	Standard	12.500	4.56	10892.331	10892.331	12.500	12.5	0.0	NO		NO	MM
6	6 200608M1_8	Standard	12.500	4.56	9890.773	9890.773	12.500	12.5	0.0	NO		NO	bb
7	7 200608M1_9	Standard	12.500	4.56	12145.134	12145.134	12.500	12.5	0.0	NO		NO	bb
8	8 200608M1_10	Standard	12.500	4.56	11159.125	11159.125	12.500	12.5	0.0	NO		NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:21:50 Pacific Daylight Time

Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	4.65	3100.617	3100.617	12.500	12.5	0.0	NO		NO	bb
2	2 200608M1_4	Standard	12.500	4.65	3403.704	3403.704	12.500	12.5	0.0	NO		NO	bb
3	3 200608M1_5	Standard	12.500	4.65	3189.122	3189.122	12.500	12.5	0.0	NO		NO	bb
4	4 200608M1_6	Standard	12.500	4.64	3426.192	3426.192	12.500	12.5	0.0	NO		NO	bb
5	5 200608M1_7	Standard	12.500	4.65	3750.824	3750.824	12.500	12.5	0.0	NO		NO	bb
6	6 200608M1_8	Standard	12.500	4.65	3450.785	3450.785	12.500	12.5	0.0	NO		NO	MM
7	7 200608M1_9	Standard	12.500	4.65	2935.822	2935.822	12.500	12.5	0.0	NO		NO	bb
8	8 200608M1_10	Standard	12.500	4.65	3458.495	3458.495	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200608M1_3	Standard	12.500	4.93	12553.825	12553.825	12.500	12.5	0.0	NO		NO	bb
2	2 200608M1_4	Standard	12.500	4.93	15003.349	15003.349	12.500	12.5	0.0	NO		NO	bb
3	3 200608M1_5	Standard	12.500	4.94	13682.820	13682.820	12.500	12.5	0.0	NO		NO	MM
4	4 200608M1_6	Standard	12.500	4.94	13970.194	13970.194	12.500	12.5	0.0	NO		NO	MM
5	5 200608M1_7	Standard	12.500	4.94	14012.571	14012.571	12.500	12.5	0.0	NO		NO	bb
6	6 200608M1_8	Standard	12.500	4.94	11647.803	11647.803	12.500	12.5	0.0	NO		NO	MM
7	7 200608M1_9	Standard	12.500	4.94	13107.912	13107.912	12.500	12.5	0.0	NO		NO	MM
8	8 200608M1_10	Standard	12.500	4.94	10985.612	10985.612	12.500	12.5	0.0	NO		NO	MM

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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200608M1_3	Standard	12.500	5.26	18106.670	18106.670	12.500	12.5	0.0	NO		NO	MM
2	2	200608M1_4	Standard	12.500	5.26	18672.654	18672.654	12.500	12.5	0.0	NO		NO	bb
3	3	200608M1_5	Standard	12.500	5.26	19610.289	19610.289	12.500	12.5	0.0	NO		NO	MM
4	4	200608M1_6	Standard	12.500	5.26	15509.265	15509.265	12.500	12.5	0.0	NO		NO	bb
5	5	200608M1_7	Standard	12.500	5.26	20464.141	20464.141	12.500	12.5	0.0	NO		NO	MM
6	6	200608M1_8	Standard	12.500	5.26	14943.898	14943.898	12.500	12.5	0.0	NO		NO	bb
7	7	200608M1_9	Standard	12.500	5.26	17415.568	17415.568	12.500	12.5	0.0	NO		NO	MM
8	8	200608M1_10	Standard	12.500	5.26	15423.327	15423.327	12.500	12.5	0.0	NO		NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:21:03 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
1	1	PFBA	47	0.9989	NO	
2	2	PFPrS	51	0.9977	NO	
3	3	3:3 FTCA	49	0.9990	NO	
4	4	PFPeA	49	0.9988	NO	
5	5	PFBS	51	0.9989	NO	
6	6	4:2 FTS	55	0.9984	NO	
7	7	PFHxA	57	0.9978	NO	
8	8	PFPeS	51	0.9966	NO	
9	9	HFPO-DA	53	0.9917	NO	
10	10	5:3 FTCA	59	0.9979	NO	
11	11	PFHpA	59	0.9995	NO	
12	12	ADONA	59	0.9994	NO	
13	13	L-PFHxS	61	0.9973	NO	
14	15	6:2 FTS	63	0.9997	NO	
15	16	L-PFOA	69	0.9939	NO	
16	18	PFecHS	69	0.9986	NO	
17	19	PFHpS	71	0.9958	NO	
18	20	7:3 FTCA	65	0.9952	NO	
19	21	PFNA	65	0.9972	NO	
20	22	PFOSA	67	0.9989	NO	
21	23	L-PFOS	71	0.9979	NO	
22	25	9Cl-PF30NS	71	0.9978	NO	
23	26	PFDA	73	0.9961	NO	
24	27	8:2 FTS	75	0.9954	NO	
25	28	PFNS	71	0.9990	NO	
26	29	L-MeFOSAA	77	0.9951	NO	

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Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:21:50 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
1	31	L-EtFOSAA	81	0.9987	NO	
2	33	PFUdA	79	0.9989	NO	
3	34	PFDS	71	0.9985	NO	
4	35	11Cl-PF30UdS	83	0.9997	NO	
5	36	10:2 FTS	85	0.9993	NO	
6	37	PFDoA	83	0.9990	NO	
7	38	N-MeFOSA	87	0.9997	NO	
8	39	PFTrDA	83	0.9969	NO	
9	40	PFDoS	89	0.9979	NO	
10	41	PFTeDA	89	0.9982	NO	
11	42	N-EtFOSA	91	0.9996	NO	
12	43	PFHxDA	93	0.9984	NO	
13	44	PFODA	93	0.9989	NO	
14	45	N-MeFOSE	95	0.9975	NO	
15	46	N-EtFOSE	97	0.9992	NO	
16	47	13C3-PFBA-EIS			NO	0.000
17	48	13C3-PFBA-RSD	99		NO	3.119
18	49	13C3-PFPeA-EIS			NO	0.000
19	50	13C3-PFPeA-RSD	100		NO	2.230
20	51	13C3-PFBS-EIS			NO	0.000
21	52	13C3-PFBS-RSD	101		NO	4.624
22	53	13C3-HFPO-DA-EIS			NO	0.000
23	54	13C3-HFPO-DA-RSD	100		NO	4.855
24	55	13C2-4:2 FTS-EIS			NO	0.000
25	56	13C2-4:2 FTS-RSD	101		NO	6.685
26	57	13C2-PFHxA-EIS			NO	0.000
27	58	13C2-PFHxA-RSD	100		NO	5.054
28	59	13C4-PFHpA-EIS			NO	0.000
29	60	13C4-PFHpA-RSD	100		NO	3.214
30	61	13C3-PFHxS-EIS			NO	0.000
31	62	13C3-PFHxS-RSD	101		NO	6.528

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:21:50 Pacific Daylight Time

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
32	63	13C2-6:2 FTS-EIS			NO	0.000
33	64	13C2-6:2 FTS-RSD	104		NO	12.248
34	65	13C5-PFNA-EIS			NO	0.000
35	66	13C5-PFNA-RSD	103		NO	9.748
36	67	13C8-PFOSA-EIS			NO	0.000
37	68	13C8-PFOSA-RSD	106		NO	12.658
38	69	13C2-PFOA-EIS			NO	0.000
39	70	13C2-PFOA-RSD	102		NO	6.252
40	71	13C8-PFOS-EIS			NO	0.000
41	72	13C8-PFOS-RSD	104		NO	10.547
42	73	13C2-PFDA-EIS			NO	0.000
43	74	13C2-PFDA-RSD	105		NO	6.381
44	75	13C2-8:2 FTS-EIS			NO	0.000
45	76	13C2-8:2 FTS-RSD	104		NO	12.833
46	77	d3-N-MeFOSAA-EIS			NO	0.000
47	78	d3-N-MeFOSAA-RSD	106		NO	12.221
48	79	13C2-PFUdA-EIS			NO	0.000
49	80	13C2-PFUdA-RSD	106		NO	10.730
50	81	d5-N-EtFOSAA-EIS			NO	0.000
51	82	d5-N-EtFOSAA-RSD	106		NO	10.731
52	83	13C2-PFDoA-EIS			NO	0.000
53	84	13C2-PFDoA-RSD	105		NO	10.587
54	85	13C2-10:2 FTS-EIS			NO	0.000
55	86	13C2-10:2 FTS-RSD	104		NO	13.905
56	87	d3-N-MeFOSA-EIS			NO	0.000
57	88	d3-N-MeFOSA-RSD	106		NO	12.847
58	89	13C2-PFTeDA-EIS			NO	0.000
59	90	13C2-PFTeDA-RSD	106		NO	12.560
60	91	d5-N-ETFOSA-EIS			NO	0.000
61	92	d5-N-ETFOSA-RSD	106		NO	12.189
62	93	13C2-PFHxDA-EIS			NO	0.000
63	94	13C2-PFHxDA-RSD	106		NO	9.811
64	95	d7-N-MeFOSE-EIS			NO	0.000
65	96	d7-N-MeFOSE-RSD	106		NO	12.792

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:21:50 Pacific Daylight Time

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

	#	Name	IS#	CoD	CoD Flag	%RSD
66	97	d9-N-EtFOSE-EIS			NO	0.000
67	98	d9-N-EtFOSE-RSD	106		NO	11.017
68	99	13C4-PFBA	99		NO	0.000
69	1...	13C5-PFHxA	100		NO	0.000
70	1...	18O2-PFHxS	101		NO	0.000
71	1...	13C8-PFOA	102		NO	0.000
72	1...	13C9-PFNA	103		NO	0.000
73	1...	13C4-PFOS	104		NO	0.000
74	1...	13C6-PFDA	105		NO	0.000
75	1...	13C7-PFUdA	106		NO	0.000

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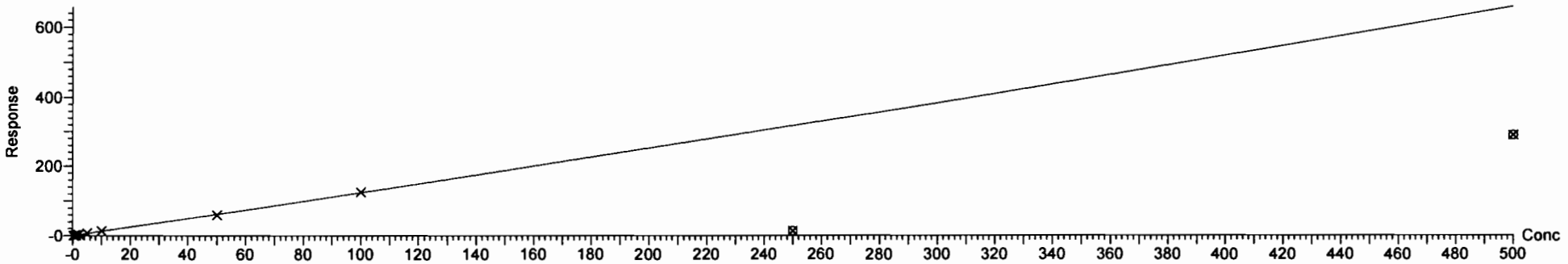
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

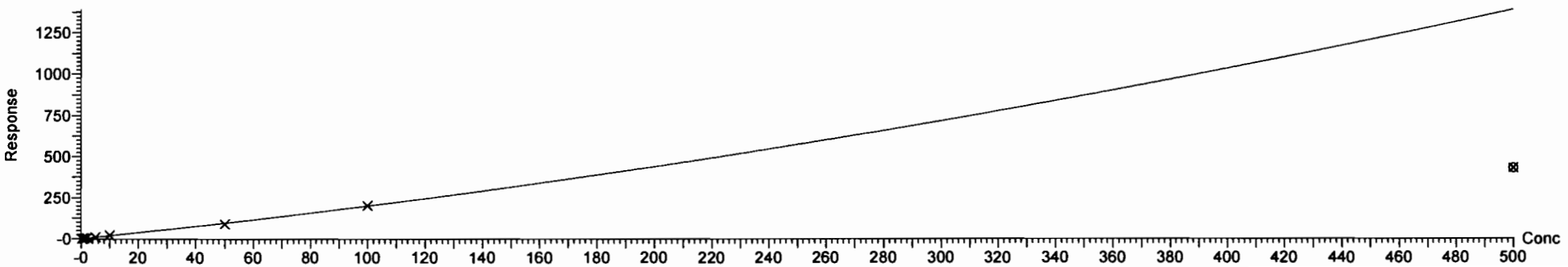
Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:25:04 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Compound name: PFBA
Coefficient of Determination: R^2 = 0.998945
Calibration curve: 0.00020187 * x^2 + 1.21409 * x + -0.0901012
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPrS
Coefficient of Determination: R^2 = 0.997699
Calibration curve: 0.00195814 * x^2 + 1.79626 * x + 0.0241242
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:26:03 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1	PFBA	1.27	1.27			
2	2	PFPrS	1.60	1.59	3.442	3.442	NO
3	3	3:3 FTCA	2.07	2.06	1.804	1.804	NO
4	4	PFPeA	2.20	2.21			
5	5	PFBS	2.49	2.49	2.955	2.955	NO
6	6	4:2 FTS	2.93	2.93	1.592	1.592	NO
7	7	PFHxA	3.01	3.01	17.429	17.429	NO
8	8	PFPeS	3.11	3.22	1.697	1.697	NO
9	9	HFPO-DA	3.23	3.23	2.325	2.325	NO
10	10	5:3 FTCA	3.57	3.56	1.476	1.476	NO
11	11	PFHpA	3.62	3.62	13.886	13.886	NO
12	12	ADONA	3.71	3.73	3.380	3.380	NO
13	13	L-PFHxS	3.77	3.77	1.919	1.919	NO
14	15	6:2 FTS	4.08	4.08	2.125	2.125	NO
15	16	L-PFOA	4.13	4.13	4.234	4.234	NO
16	18	PFecHS	4.15	4.14	0.888	0.888	NO
17	19	PFHpS	4.26	4.24	2.080	2.080	NO
18	20	7:3 FTCA	4.55	4.55	1.505	1.505	NO
19	21	PFNA	4.56	4.56	4.448	4.448	NO
20	22	PFOSA	4.61	4.61	26.076	26.076	NO
21	23	L-PFOS	4.65	4.65	2.235	2.235	NO
22	25	9Cl-PF30NS	4.85	4.86	32.923	32.923	NO
23	26	PFDA	4.94	4.94	5.892	5.892	NO
24	27	8:2 FTS	4.91	4.91	1.568	1.568	NO
25	28	PFNS	4.99	5.00	1.314	1.314	NO
26	29	L-MeFOSAA	5.08	5.09	2.650	2.650	NO

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:26:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

	#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31	L-EtFOSAA	5.24	5.24	1.158	1.158	NO
2	33	PFUdA	5.26	5.26	9.931	9.931	NO
3	34	PFDS	5.27	5.31	1.249	1.249	NO
4	35	11Cl-PF30UdS	5.48	5.47	23.030	23.030	NO
5	36	10:2 FTS	5.53	5.53	1.473	1.473	NO
6	37	PFDoA	5.54	5.54	7.647	7.647	NO
7	38	N-MeFOSA	5.56	5.54	1.398	1.398	NO
8	39	PFTrDA	5.79	5.79	10.566	10.566	NO
9	40	PFDoS	5.82	5.82	1.786	1.786	NO
10	41	PFTeDA	6.01	6.01	11.970	11.970	NO
11	42	N-EtFOSA	5.98	5.98	1.540	1.540	NO
12	43	PFHxDA	6.35	6.35	28.159	28.159	NO
13	44	PFODA	6.56	6.58			
14	45	N-MeFOSE	6.20	6.20			
15	46	N-EtFOSE	6.35	6.36			

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 11:26:36 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:26:47 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

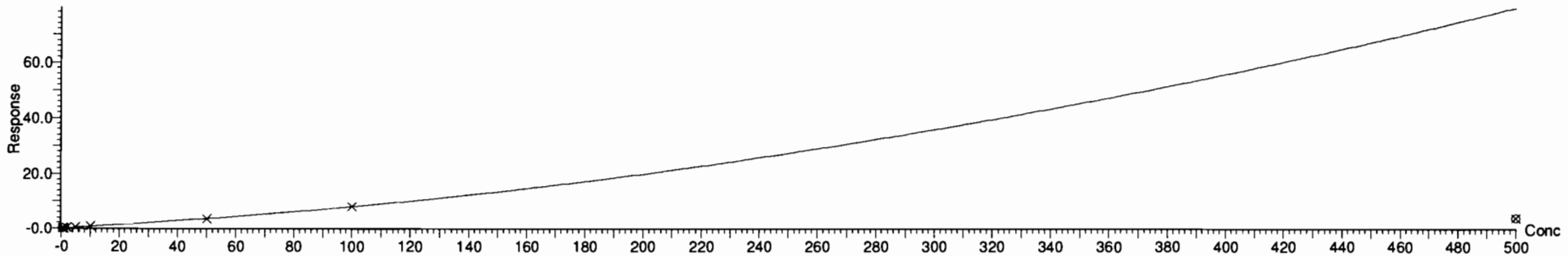
Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200608M1_1	IPA	08-Jun-20	15:02:26
2	2 200608M1_2	IPA	08-Jun-20	15:12:59
3	3 200608M1_3	ST200608M1-1 PFC CS-2 20E2701	08-Jun-20	15:23:22
4	4 200608M1_4	ST200608M1-2 PFC CS-1 20E2702	08-Jun-20	15:33:52
5	5 200608M1_5	ST200608M1-3 PFC CS0 20F0201	08-Jun-20	15:44:16
6	6 200608M1_6	ST200608M1-4 PFC CS1 20E2704	08-Jun-20	15:54:42
7	7 200608M1_7	ST200608M1-5 PFC CS2 20E2705	08-Jun-20	16:05:06
8	8 200608M1_8	ST200608M1-6 PFC CS3 20E2706	08-Jun-20	16:15:32
9	9 200608M1_9	ST200608M1-7 PFC CS4 20F0303	08-Jun-20	16:25:54
10	10 200608M1_10	ST200608M1-8 PFC CS5 20E2708	08-Jun-20	16:36:19
11	11 200608M1_11	ICV200608M1-1 PFC ICV 20E2711	08-Jun-20	16:46:39
12	12 200608M1_12	ST200608M1-9 PFC CS6 20E2709	08-Jun-20	16:57:00
13	13 200608M1_13	IB	08-Jun-20	17:07:23
14	14 200608M1_14	ST200608M1-10 PFC CS7 20E2710	08-Jun-20	17:17:45
15	15 200608M1_15	IB	08-Jun-20	17:28:07

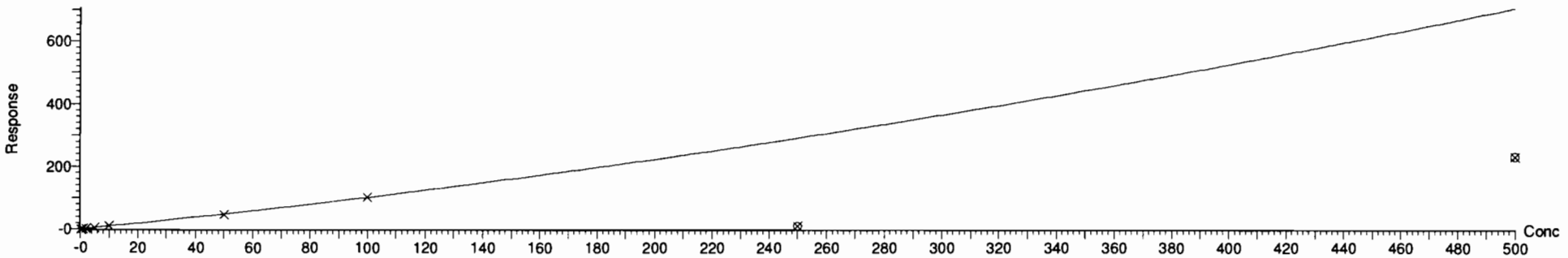
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999005
Calibration curve: 0.00020012 * x^2 + 0.0593812 * x + 0.00445404
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



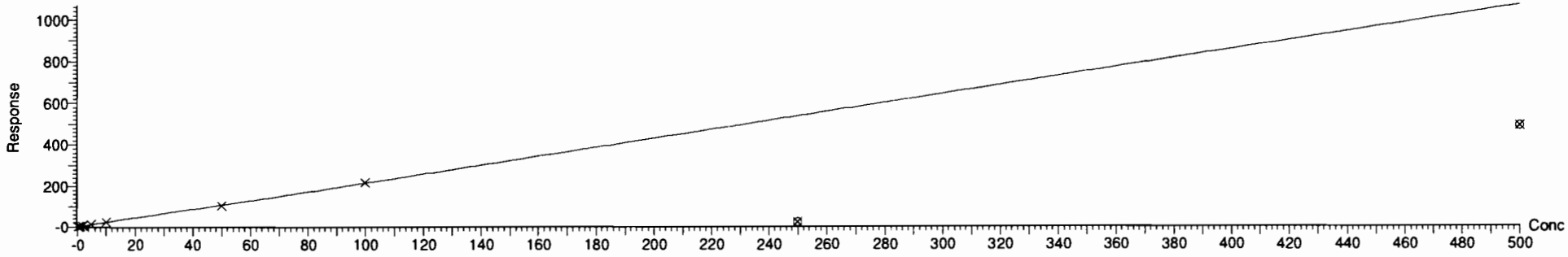
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998841
Calibration curve: 0.00097251 * x^2 + 0.926643 * x + 0.0179486
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



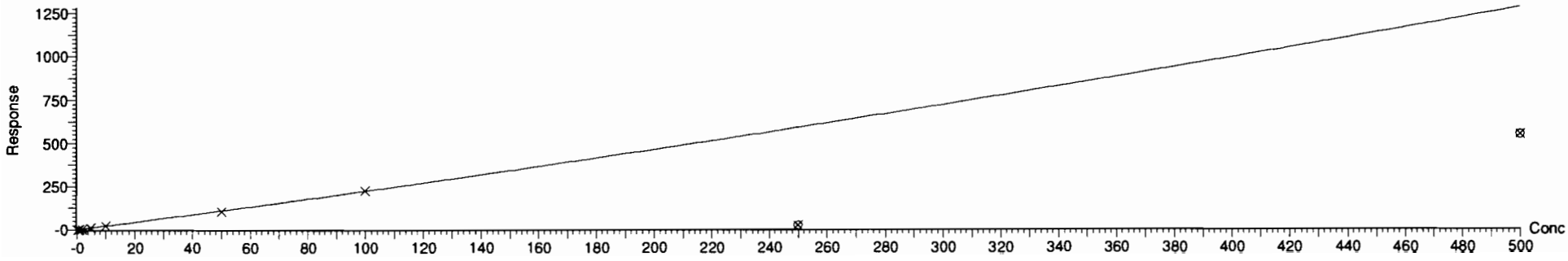
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.998899
Calibration curve: -2.40592e-005 * x^2 + 2.15204 * x + 0.0840038
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



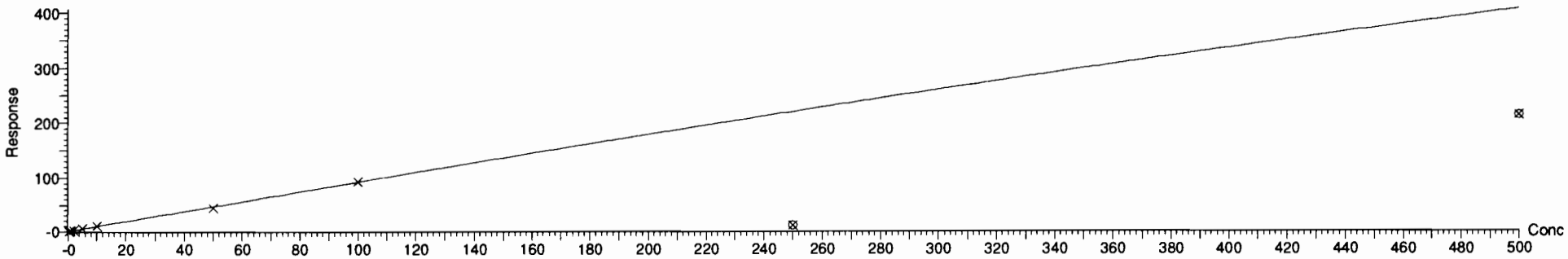
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998395
Calibration curve: 0.000834013 * x^2 + 2.14523 * x + -0.0387181
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



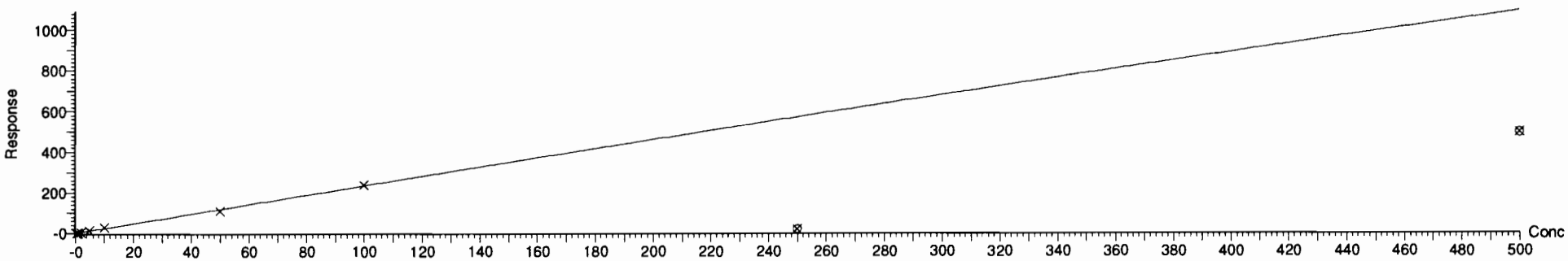
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.997827
Calibration curve: -0.000269268 * x^2 + 0.948143 * x + 0.0496076
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



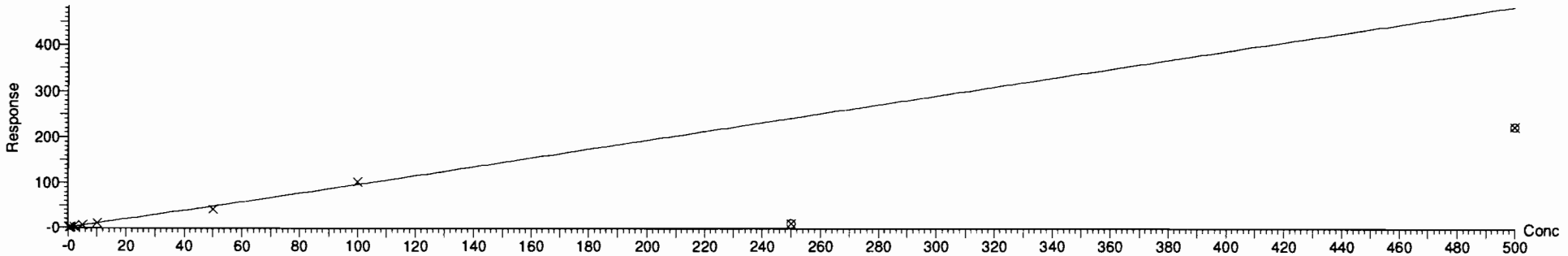
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.996564
Calibration curve: -0.000400985 * x^2 + 2.38189 * x + 0.0280991
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



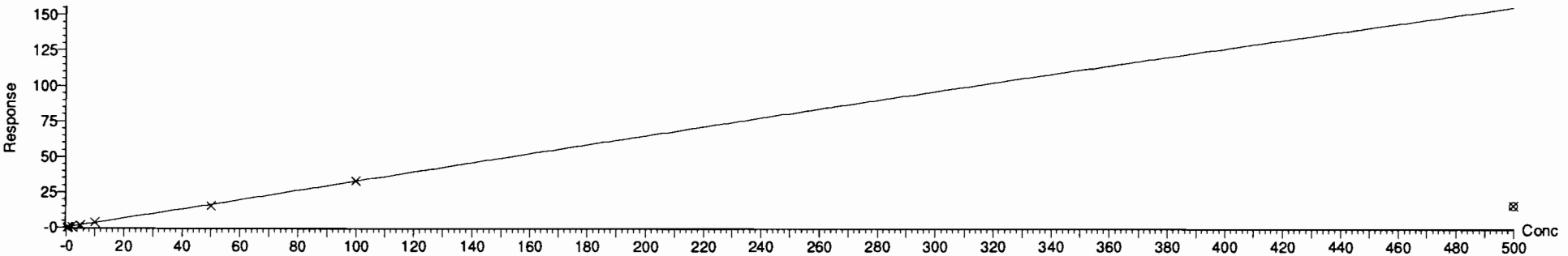
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: HFPO-DA
Correlation coefficient: r = 0.995830, r^2 = 0.991678
Calibration curve: 0.968634 * x + -0.112045
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



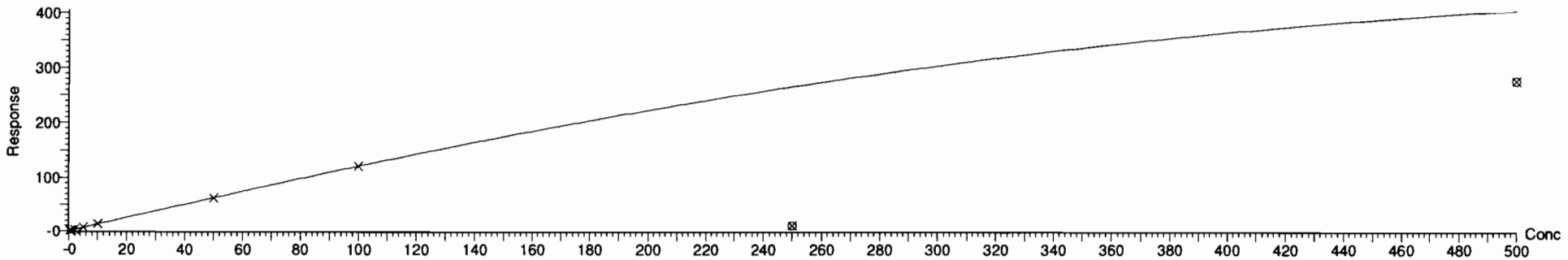
Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.997949
Calibration curve: -4.76144e-005 * x^2 + 0.335086 * x + -0.0153815
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



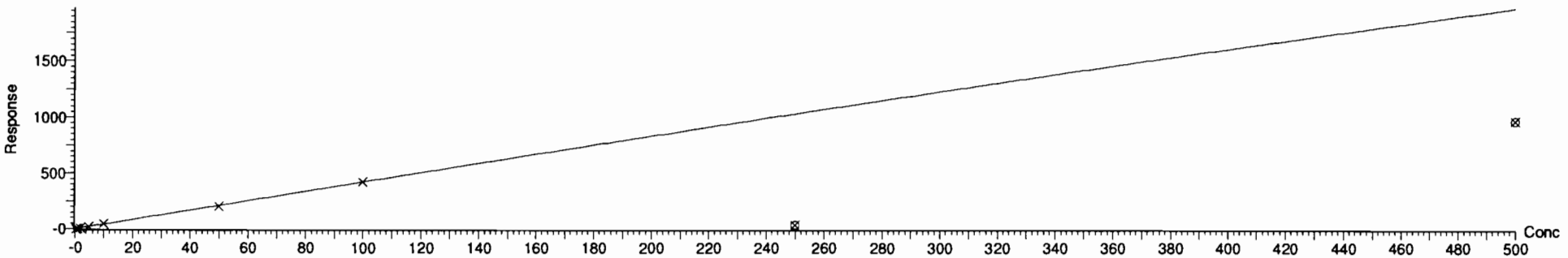
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999519
Calibration curve: -0.00101884 * x^2 + 1.32102 * x + 0.0530439
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



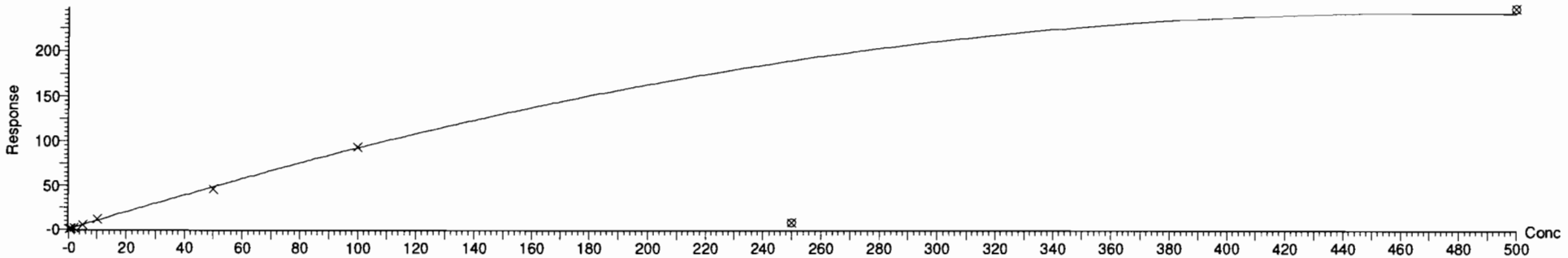
Compound name: ADONA
Coefficient of Determination: R^2 = 0.999386
Calibration curve: -0.000773655 * x^2 + 4.33842 * x + 0.0524169
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



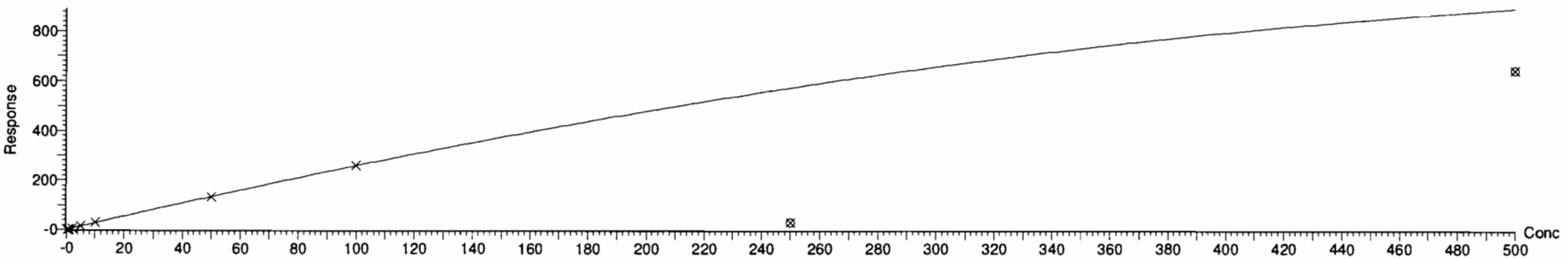
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.997306
Calibration curve: -0.00110497 * x^2 + 1.03668 * x + -0.0108055
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



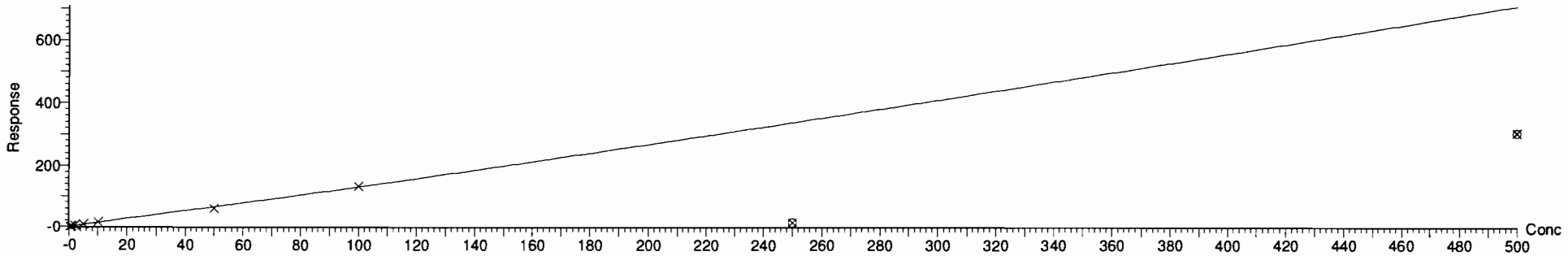
Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999714
Calibration curve: -0.00204987 * x^2 + 2.80839 * x + 0.0883896
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



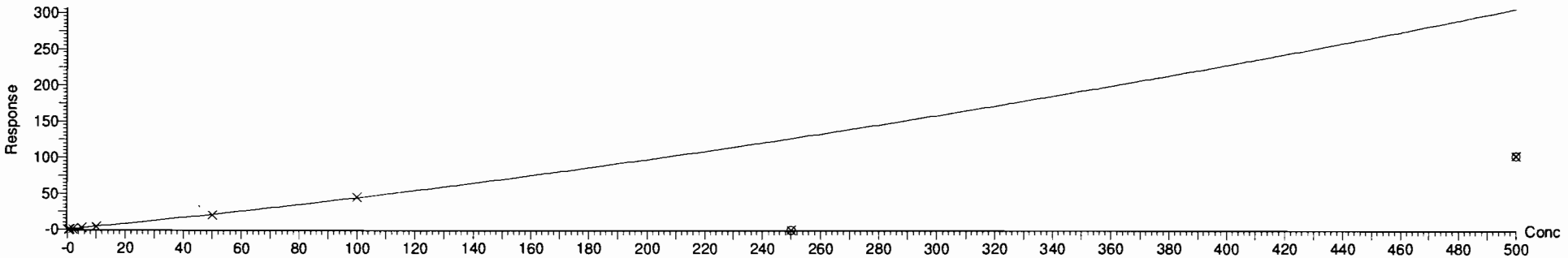
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.993888
Calibration curve: 0.000280502 * x^2 + 1.28038 * x + 0.153533
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



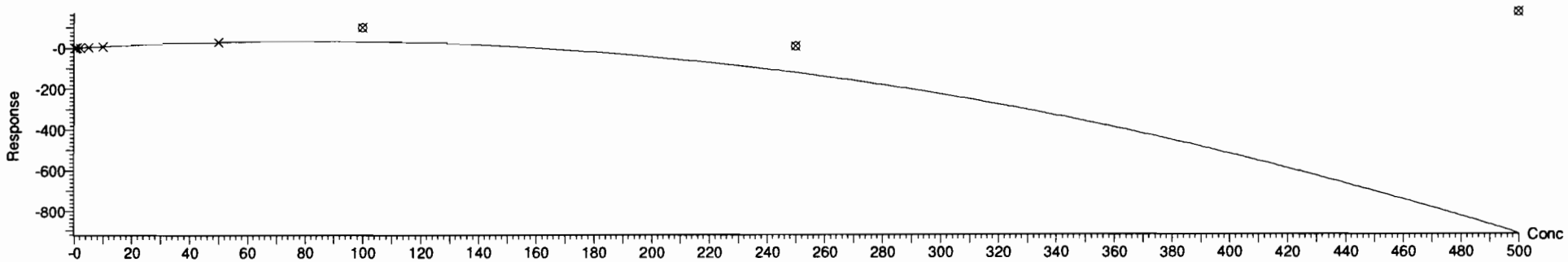
Compound name: PFecHS
Coefficient of Determination: R^2 = 0.998628
Calibration curve: 0.000415592 * x^2 + 0.404598 * x + 0.00769997
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



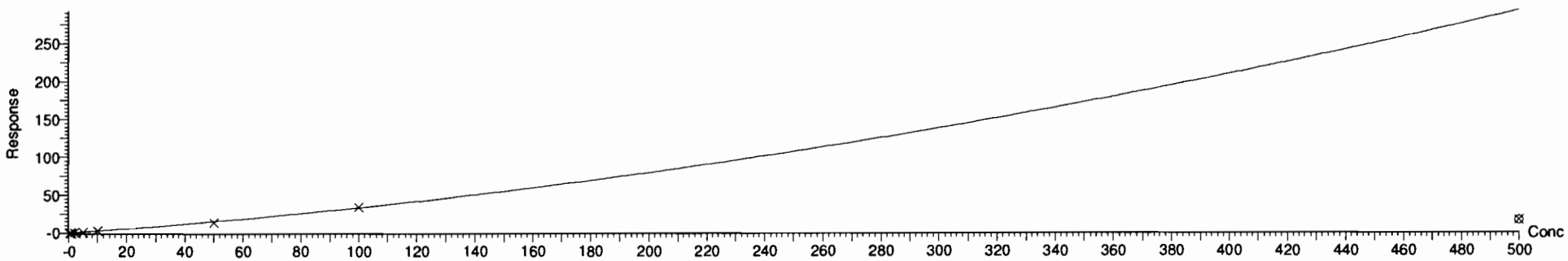
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.995790
Calibration curve: -0.00541648 * x^2 + 0.868077 * x + -0.0565456
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



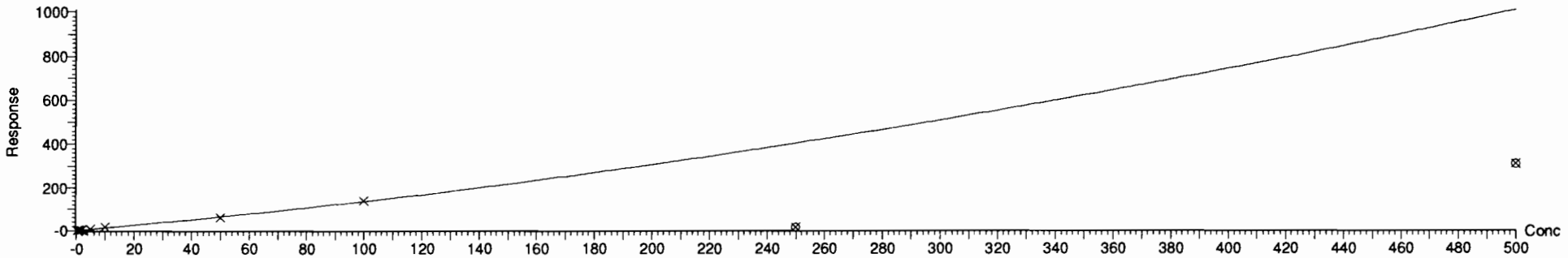
Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.995183
Calibration curve: 0.000629305 * x^2 + 0.270506 * x + -0.00421369
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



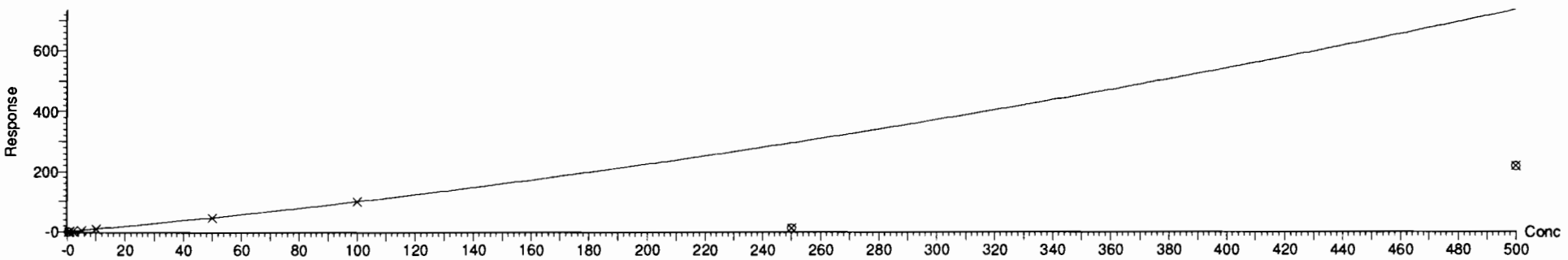
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: PFNA
Coefficient of Determination: R^2 = 0.997175
Calibration curve: 0.0016528 * x^2 + 1.19713 * x + 0.122218
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



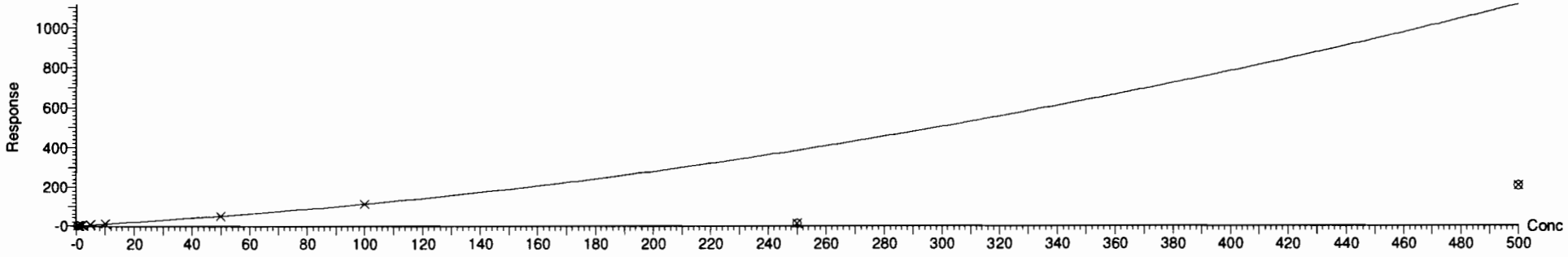
Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998868
Calibration curve: 0.00117092 * x^2 + 0.882203 * x + 0.286244
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



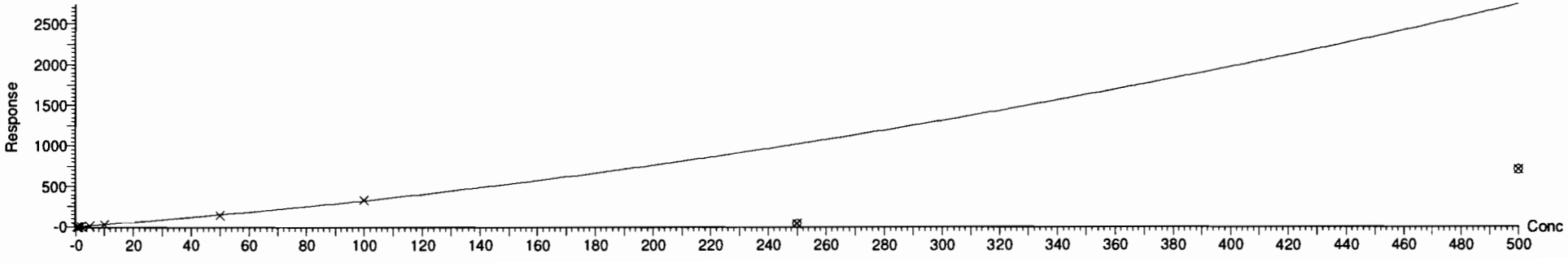
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.997887
Calibration curve: 0.00279691 * x^2 + 0.834896 * x + 0.172596
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



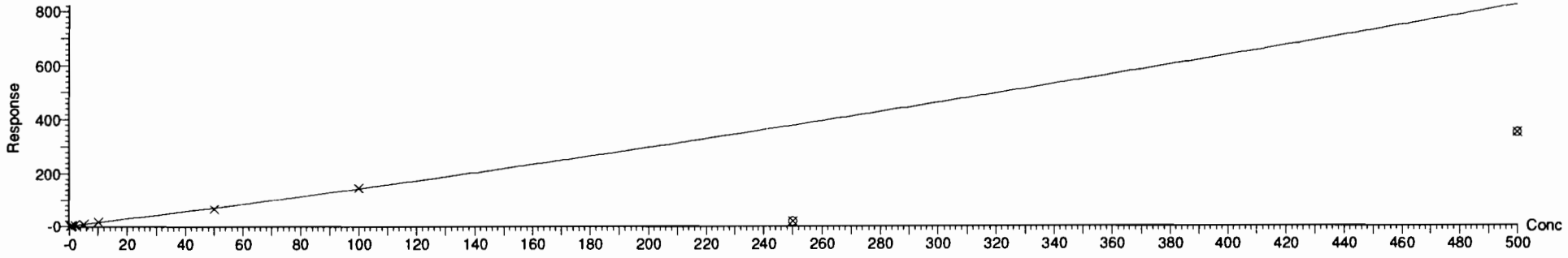
Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997810
Calibration curve: 0.00560608 * x^2 + 2.66907 * x + -0.227004
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



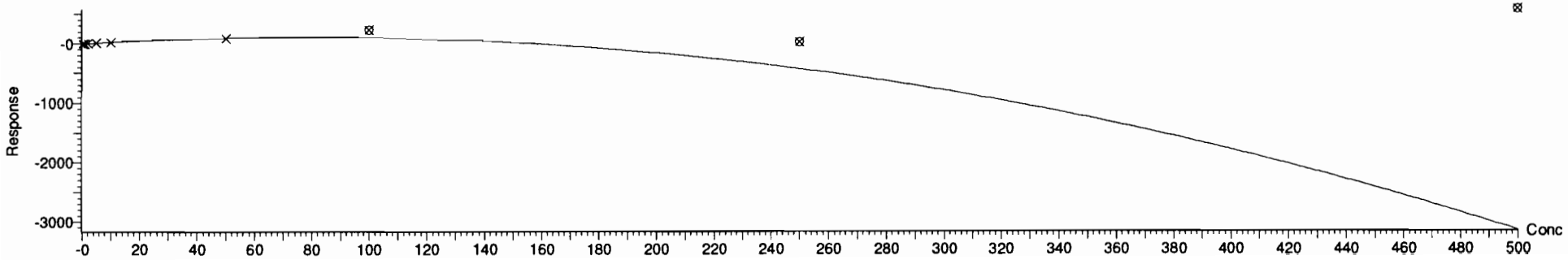
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: R^2 = 0.996089
Calibration curve: 0.000550973 * x^2 + 1.37081 * x + 0.100592
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



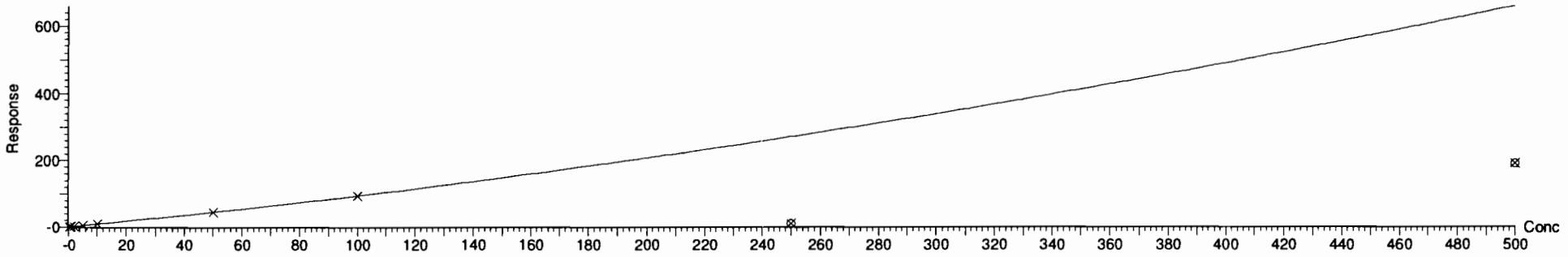
Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.995395
Calibration curve: -0.0183652 * x^2 + 2.87517 * x + -0.298813
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



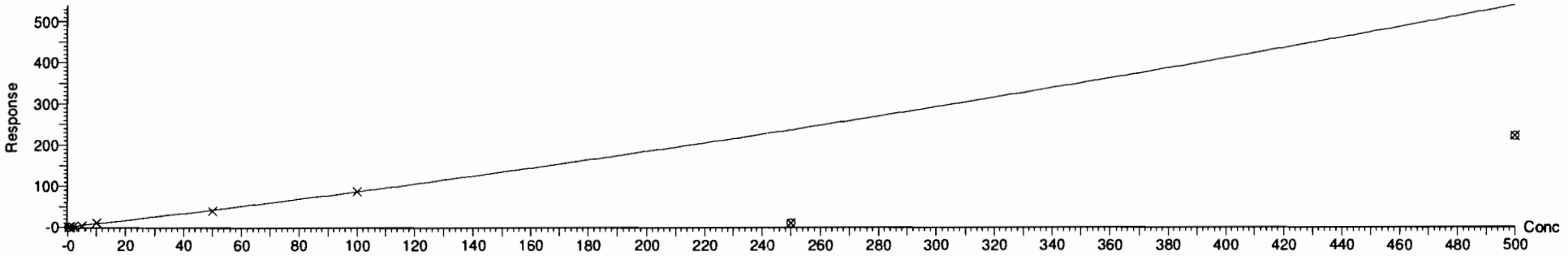
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:12 Pacific Daylight Time

Compound name: PFNS
Coefficient of Determination: R^2 = 0.998988
Calibration curve: 0.000936332 * x^2 + 0.850683 * x + -0.109062
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.995118
Calibration curve: 0.000525937 * x^2 + 0.814518 * x + 0.0134539
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



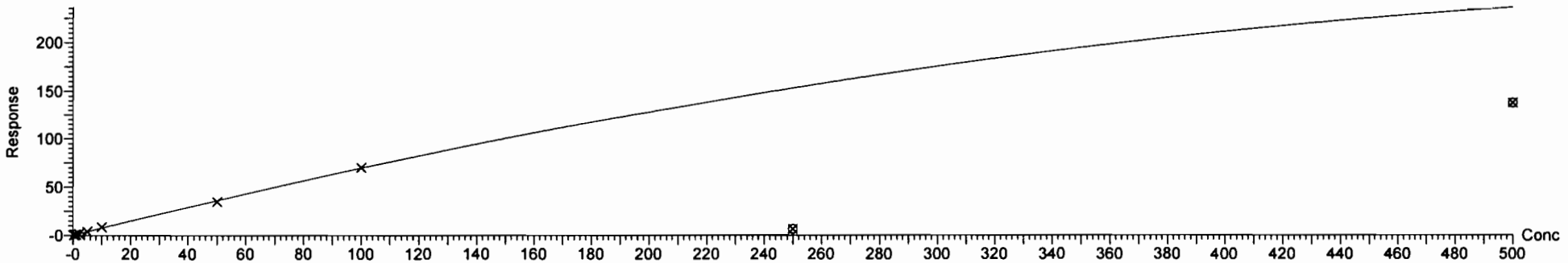
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

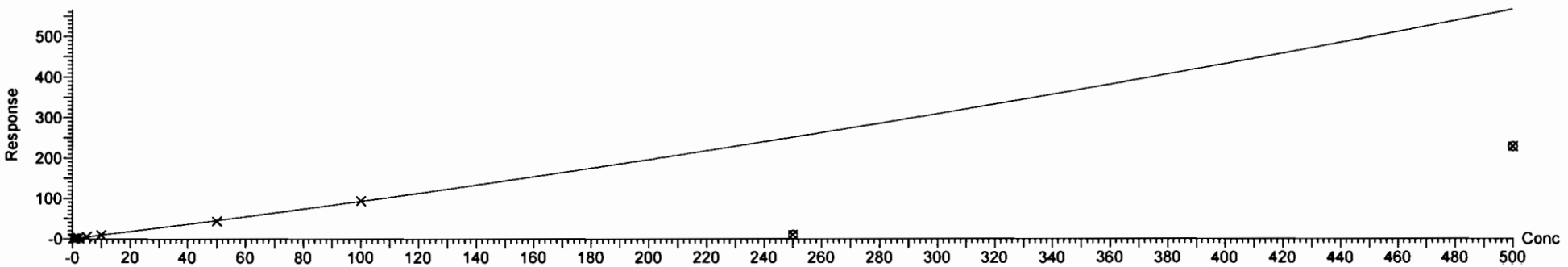
Last Altered: Tuesday, June 09, 2020 11:20:21 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 11:25:10 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.998681
Calibration curve: -0.00055984 * x^2 + 0.751622 * x + -0.0429422
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



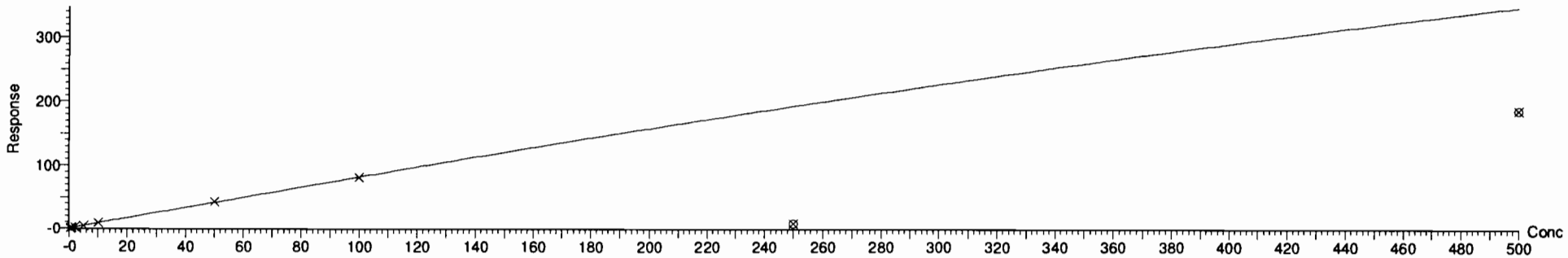
Compound name: PFUdA
Coefficient of Determination: R^2 = 0.998902
Calibration curve: 0.000513059 * x^2 + 0.873631 * x + 0.0109116
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



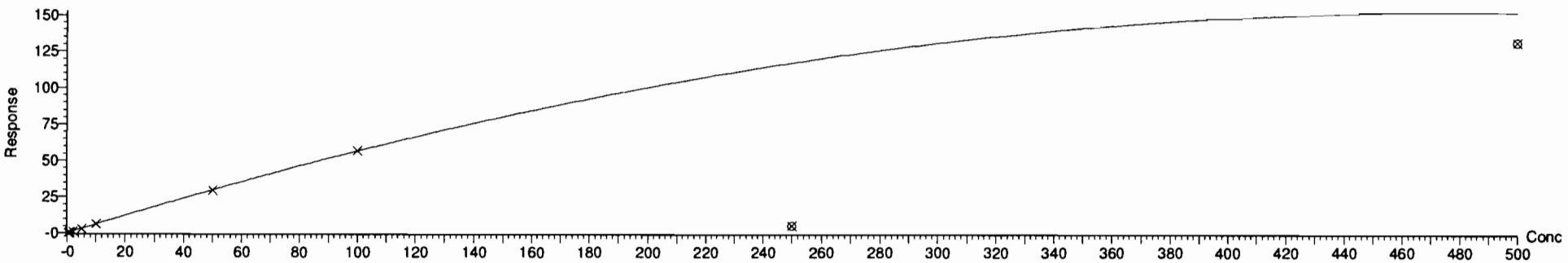
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:41 Pacific Daylight Time

Compound name: PFDS
Coefficient of Determination: R^2 = 0.998495
Calibration curve: -0.000316233 * x^2 + 0.853544 * x + 0.0103216
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



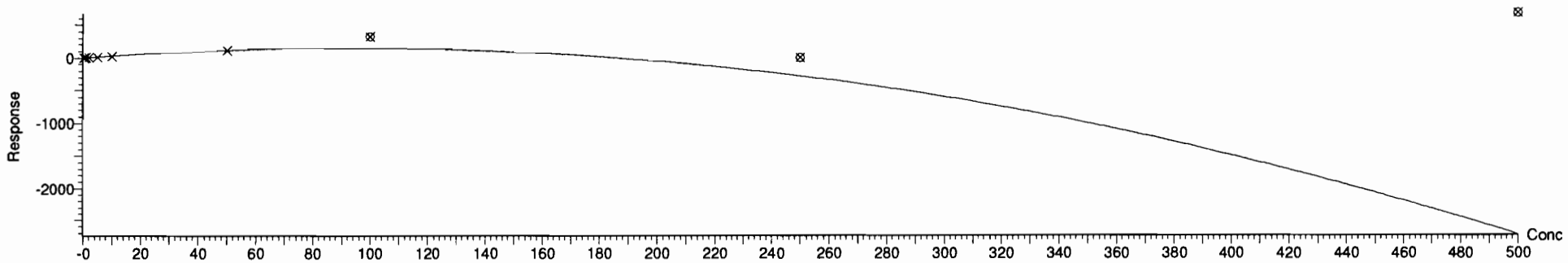
Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999650
Calibration curve: -0.000661489 * x^2 + 0.635231 * x + 0.0134427
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



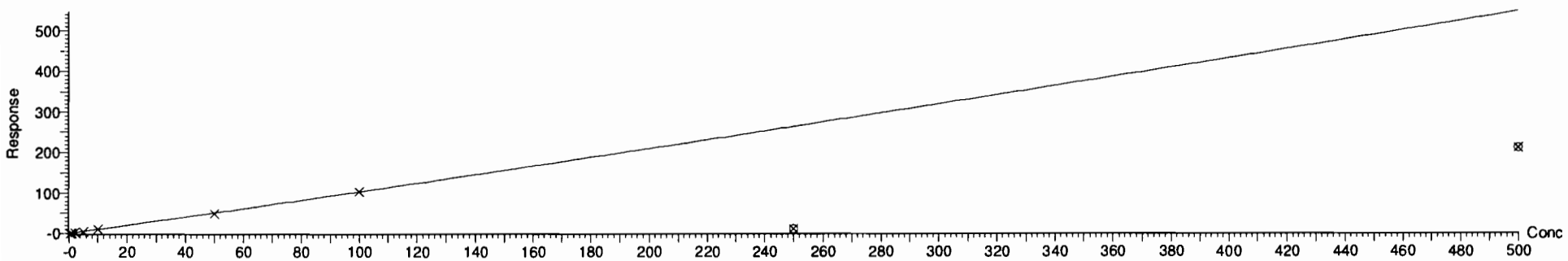
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:41 Pacific Daylight Time

Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999294
Calibration curve: -0.0173573 * x^2 + 3.21325 * x + 0.131464
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



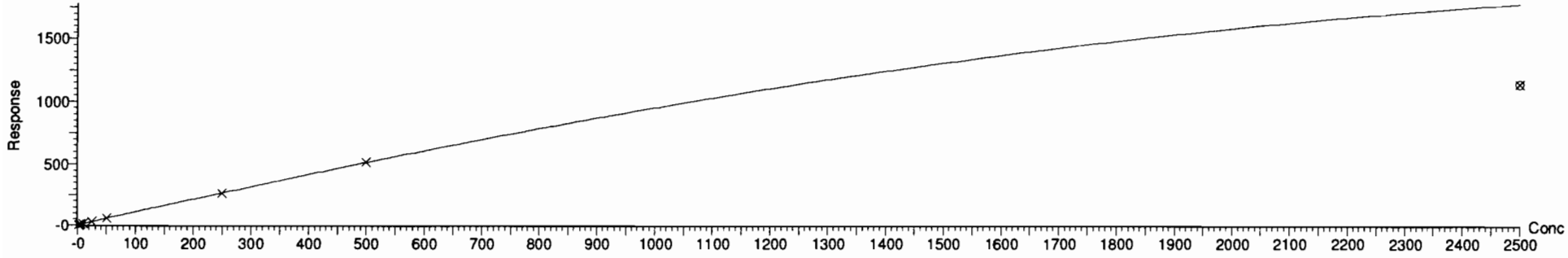
Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998983
Calibration curve: 0.000163659 * x^2 + 1.0114 * x + 0.122192
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



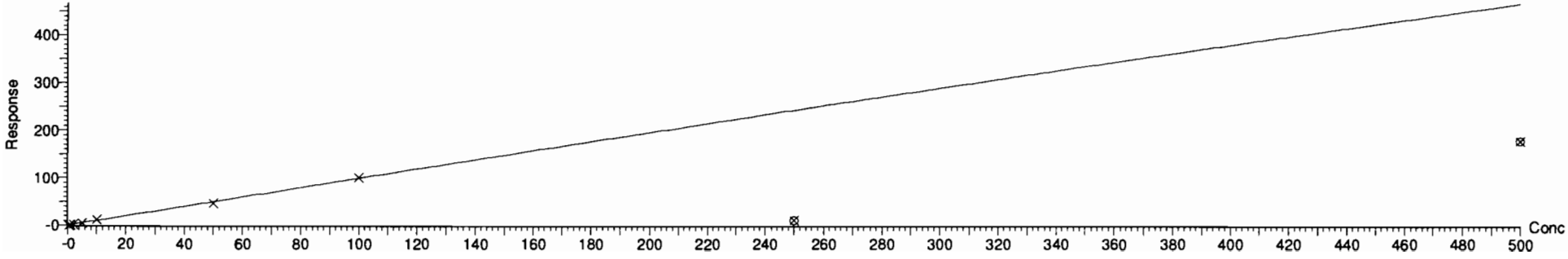
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:41 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999689
Calibration curve: -0.000160408 * x^2 + 1.11313 * x + -0.41891
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



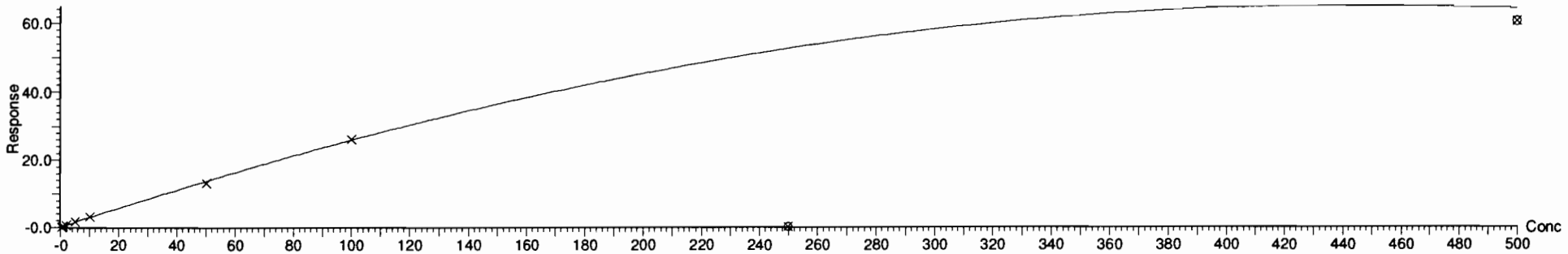
Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.996862
Calibration curve: -0.000149322 * x^2 + 1.00919 * x + 0.114789
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



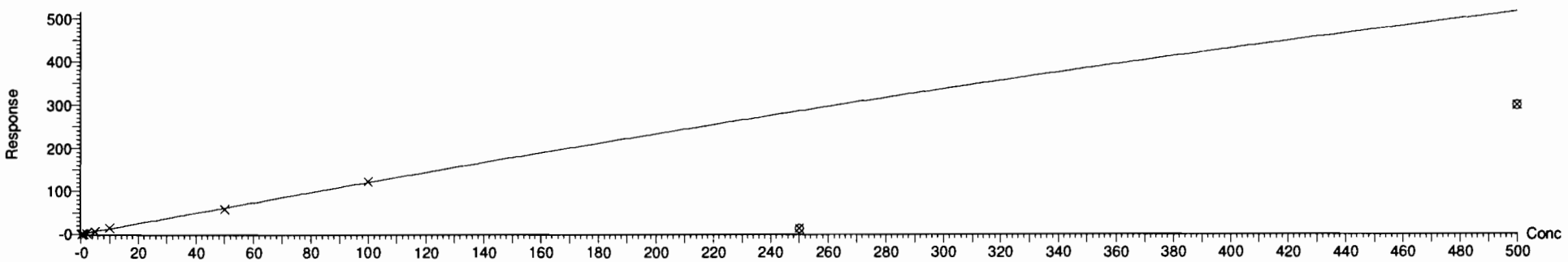
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:41 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.997939
Calibration curve: -0.000328207 * x^2 + 0.292156 * x + 0.00114808
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



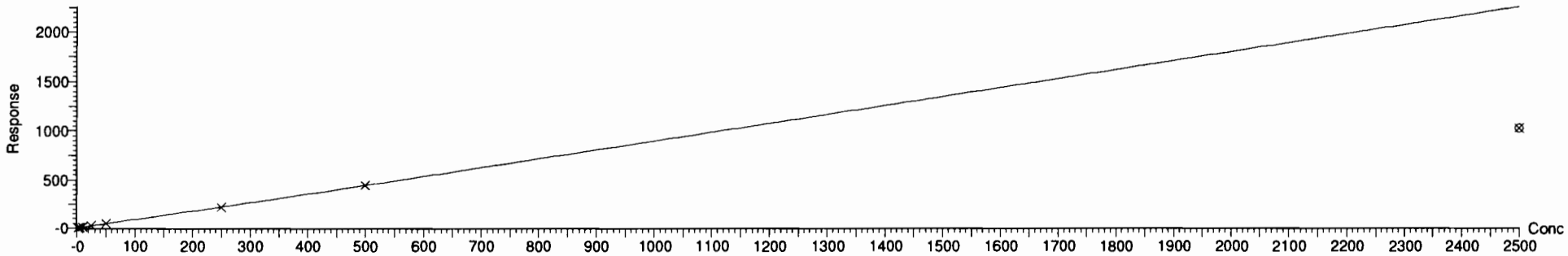
Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998199
Calibration curve: -0.00044278 * x^2 + 1.25126 * x + 0.0807051
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



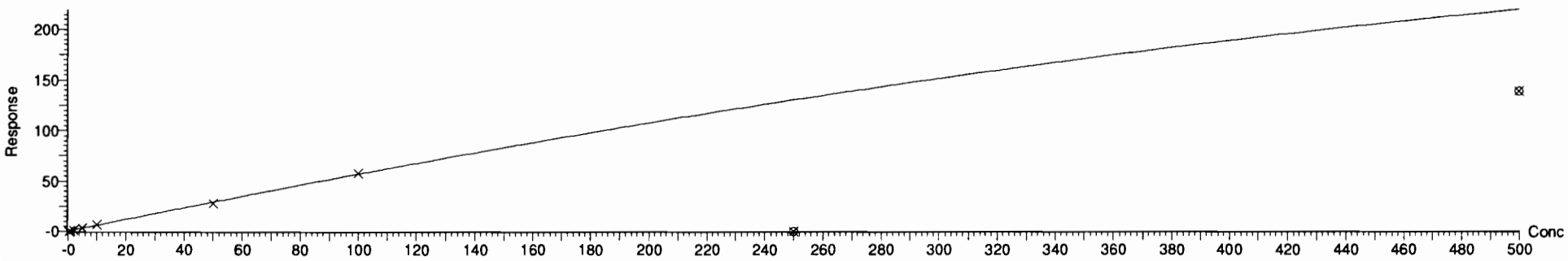
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:41 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999558
Calibration curve: 4.62655e-006 * x^2 + 0.891732 * x + 0.133014
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



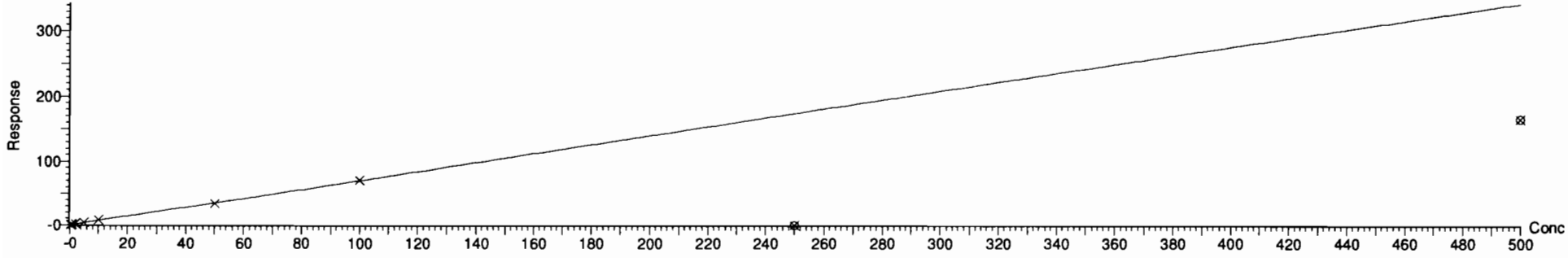
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.998370
Calibration curve: -0.000326772 * x^2 + 0.602287 * x + 0.080925
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



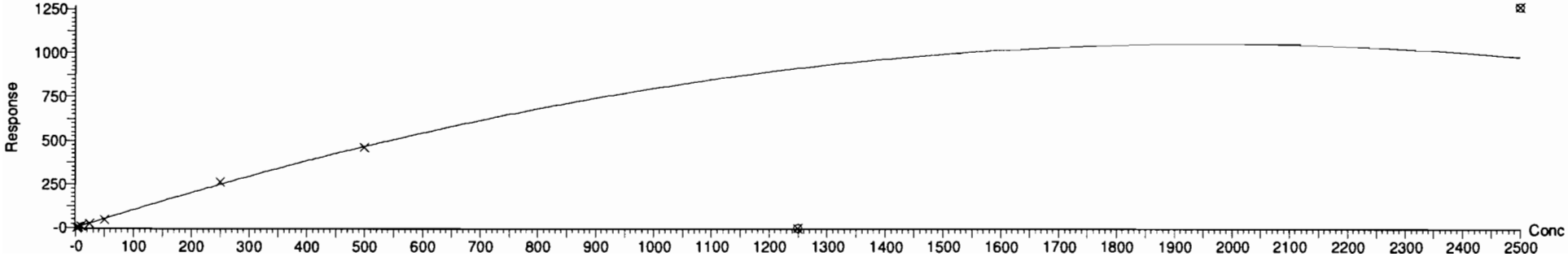
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:41 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.998914
Calibration curve: -4.81973e-005 * x^2 + 0.709841 * x + 0.0288623
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



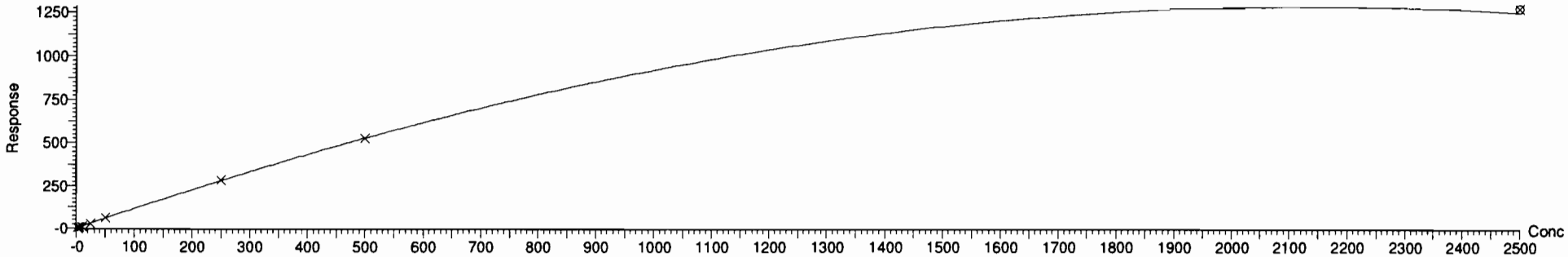
Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.997495
Calibration curve: -0.000271999 * x^2 + 1.07125 * x + -0.328532
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 10:29:53 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 10:35:41 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999226
Calibration curve: -0.000280237 * x^2 + 1.20128 * x + -0.655901
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory

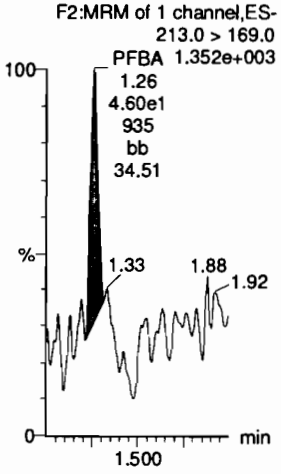
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:56:16 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:56:34 Pacific Daylight Time

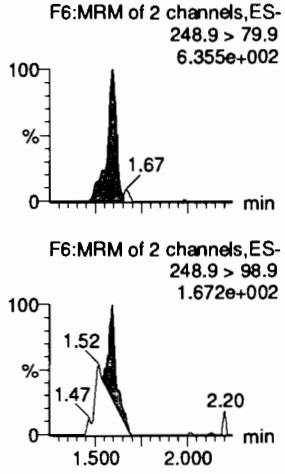
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: 09 Jun 2020 09:51:16

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

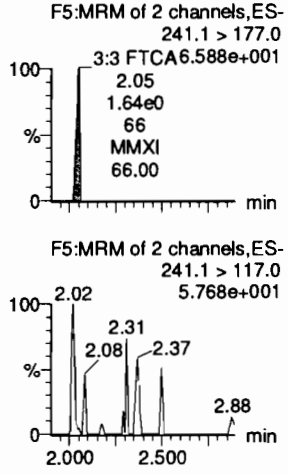
PFBA



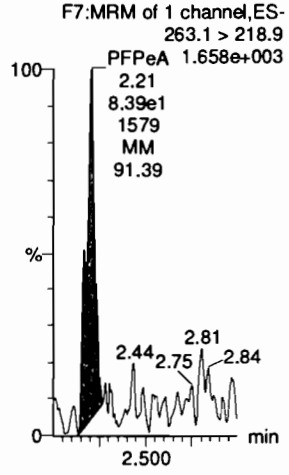
PFPrS



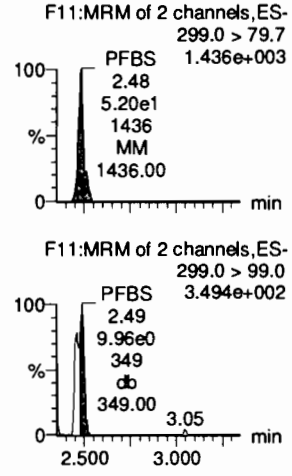
3:3 FTCA



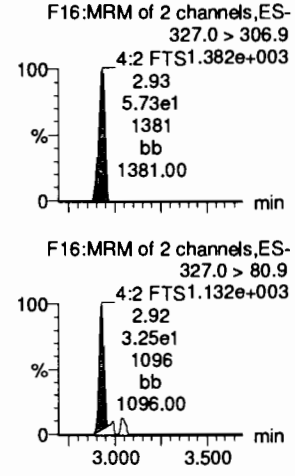
PFPeA



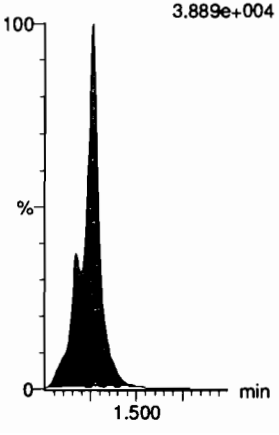
PFBS



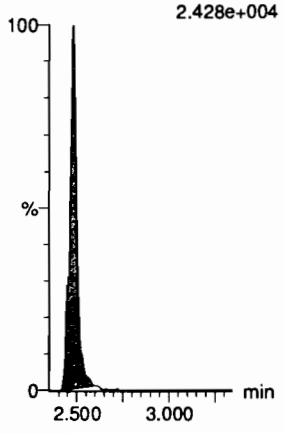
4:2 FTS



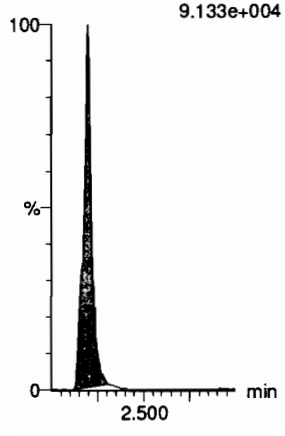
13C3-PFBA-EIS



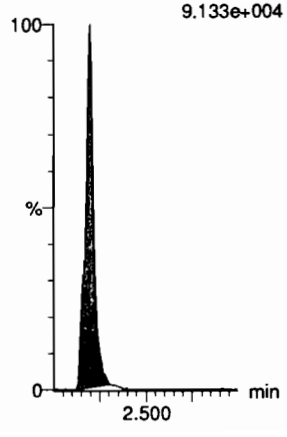
13C3-PFBS-EIS



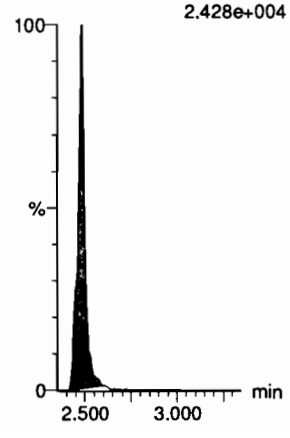
13C3-PFPeA-EIS



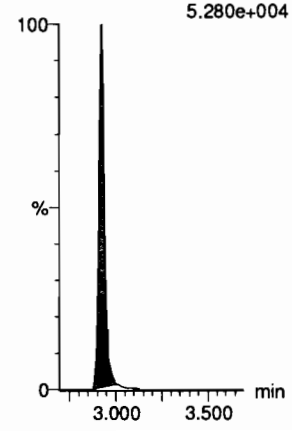
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

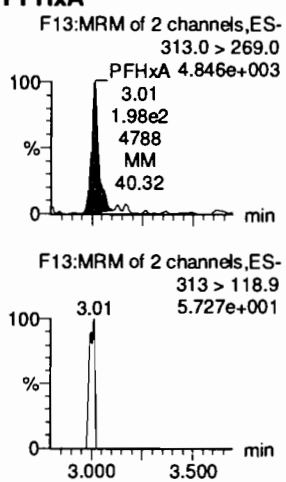


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

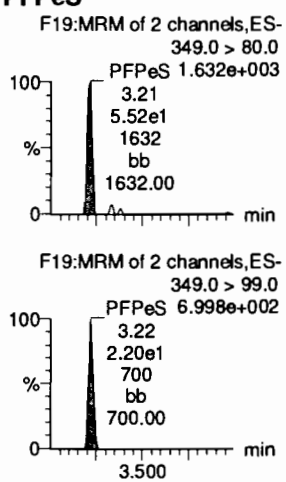
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

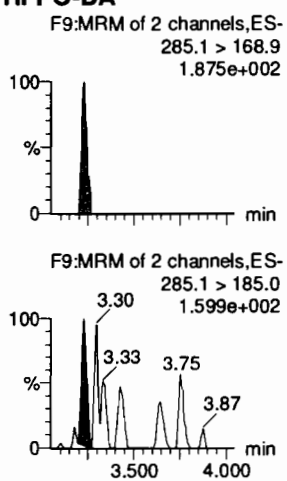
PFHxA



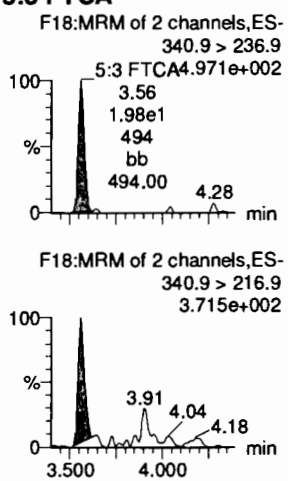
PFPeS



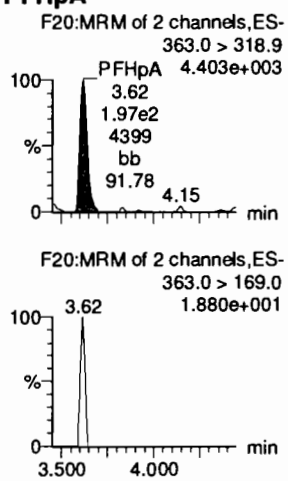
HFPO-DA



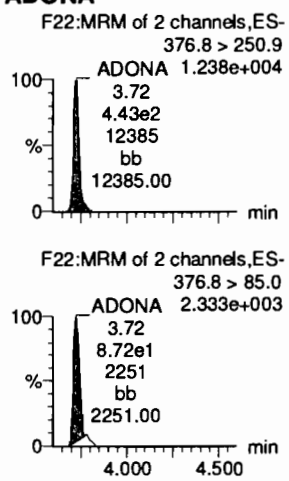
5:3 FTCA



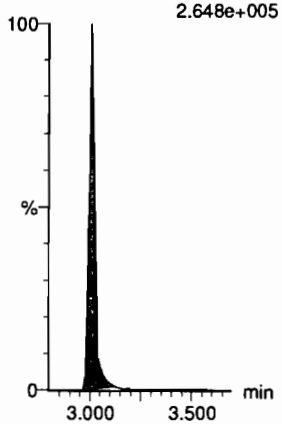
PFHpA



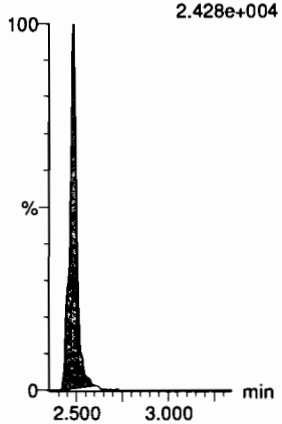
ADONA



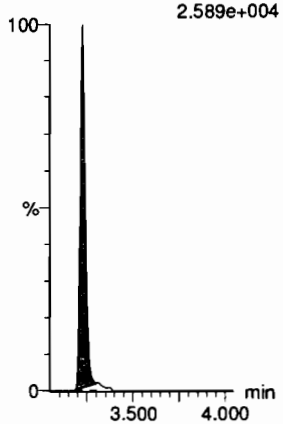
13C2-PFHxA-EIS



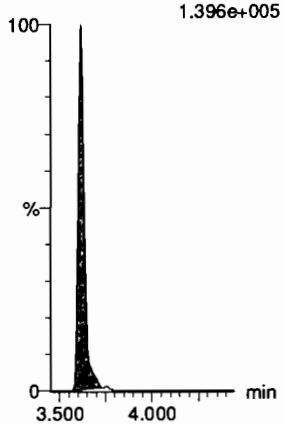
13C3-PFBS-EIS



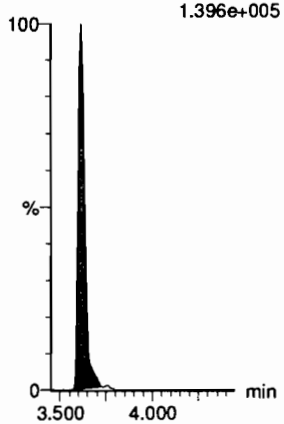
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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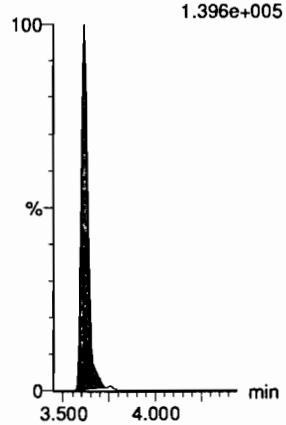
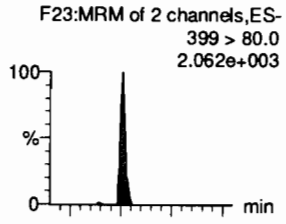


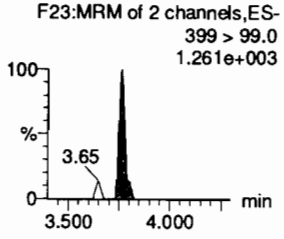
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

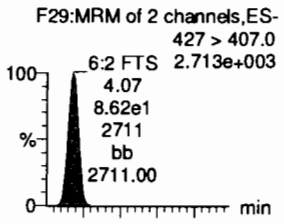
Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

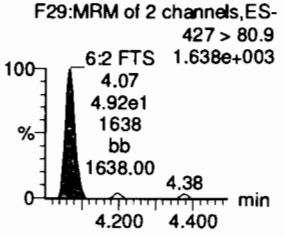
L-PFHxS



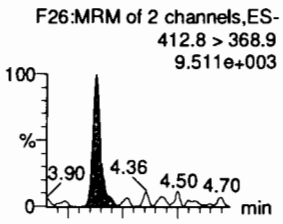


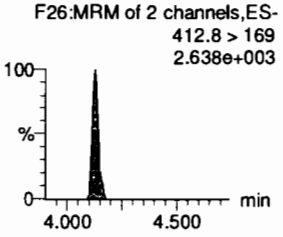
6:2 FTS





L-PFOA





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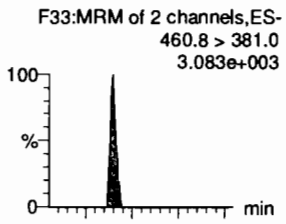

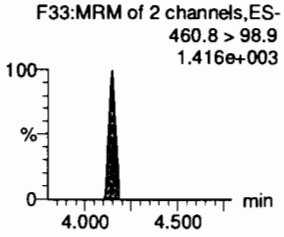

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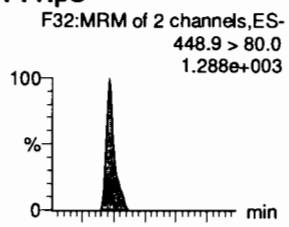
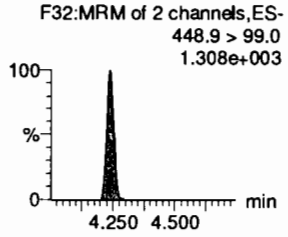
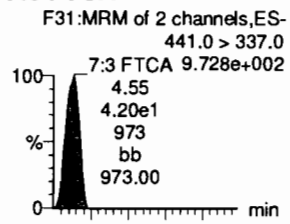
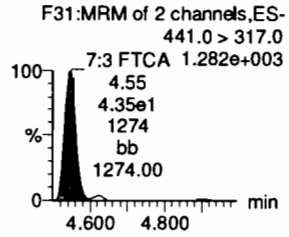


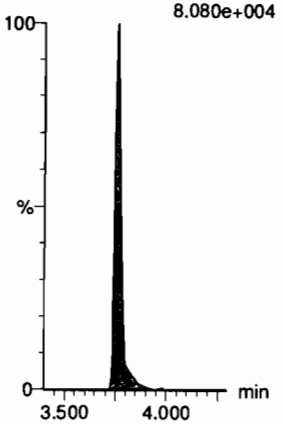


7:3 FTCA

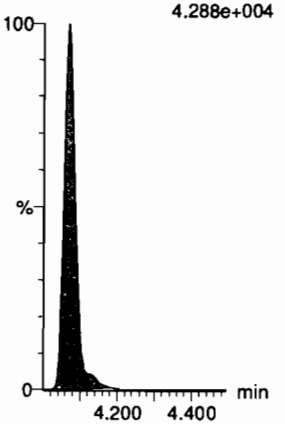




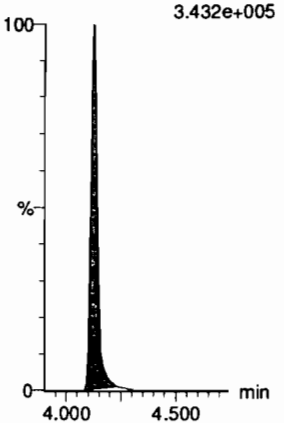
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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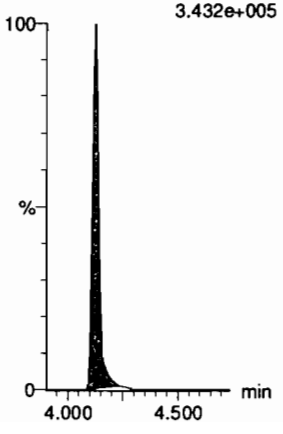
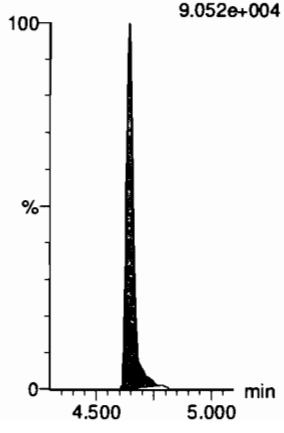
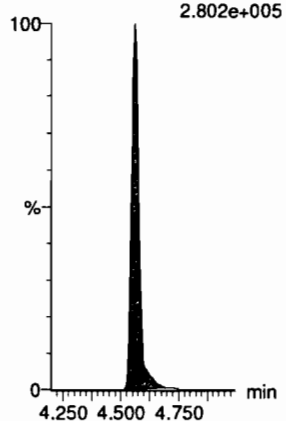


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

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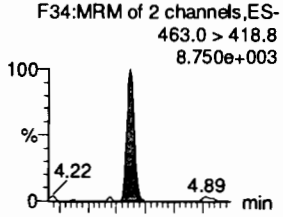

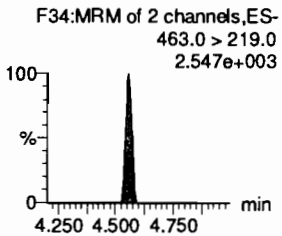

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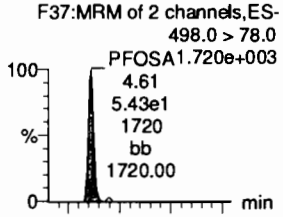
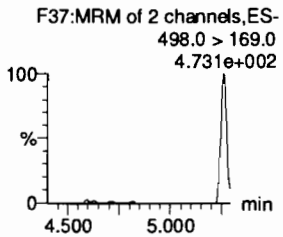
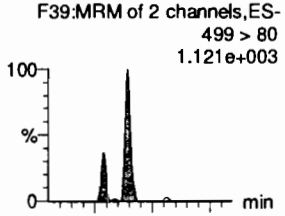
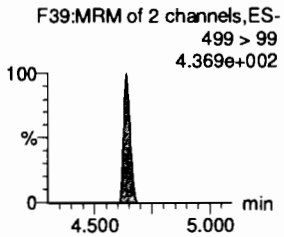


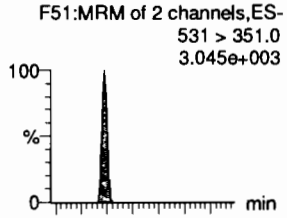


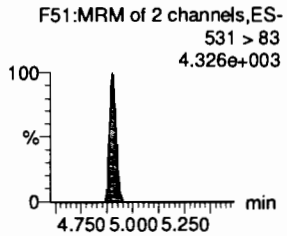
L-PFOS





9Cl-PF30NS





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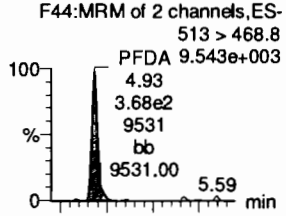
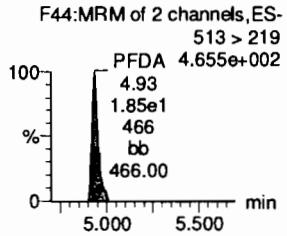
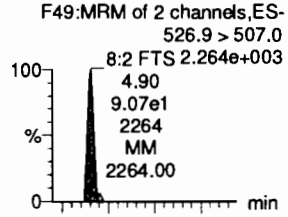
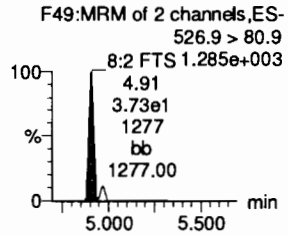


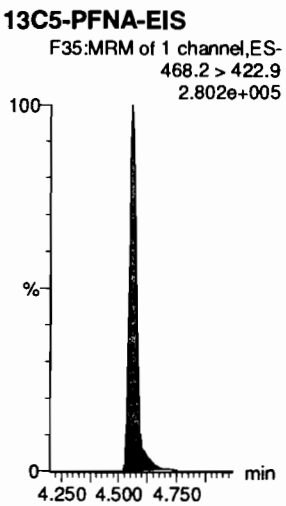


8:2 FTS

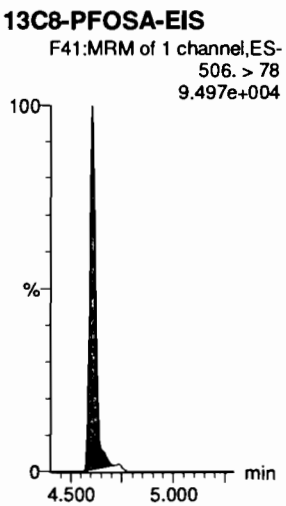




13C5-PFNA-EIS



13C8-PFOSA-EIS



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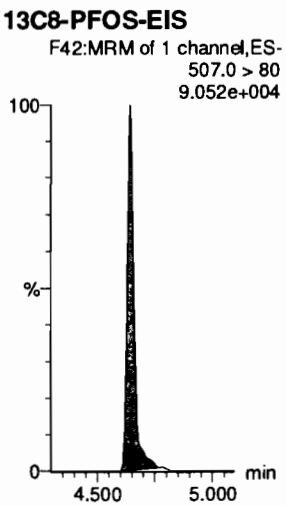

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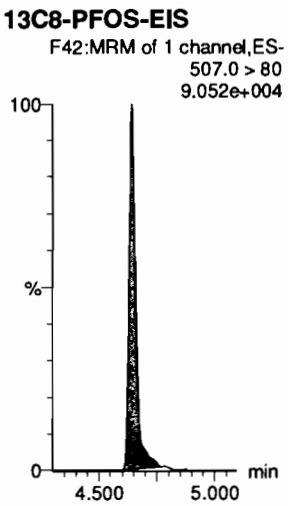
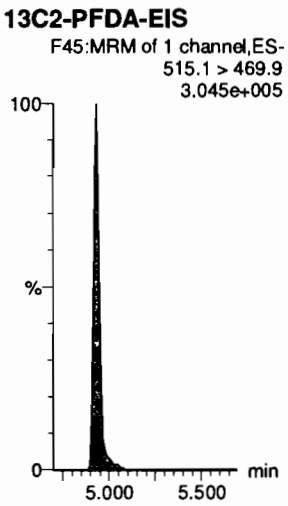
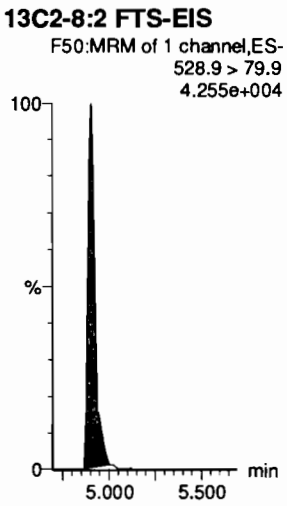


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

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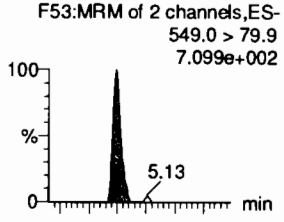
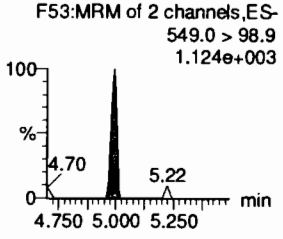
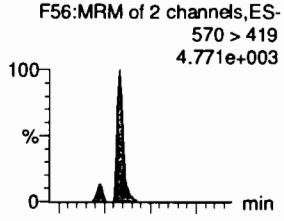
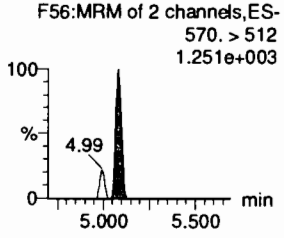


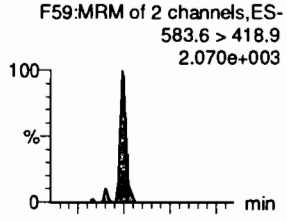


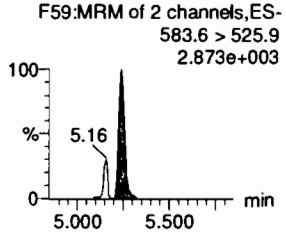
L-MeFOSAA



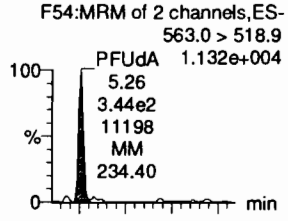


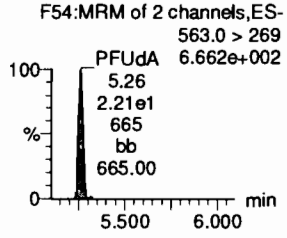
L-EtFOSAA





PFUdA





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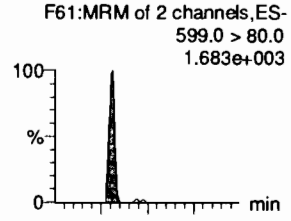
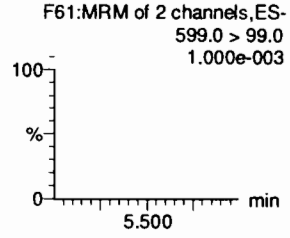
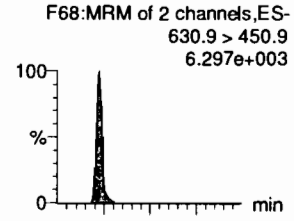
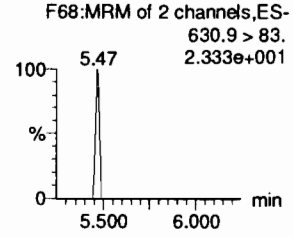


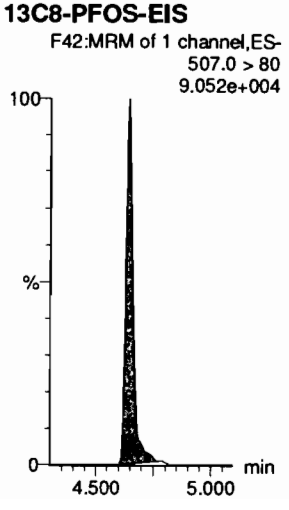


11Cl-PF30UdS

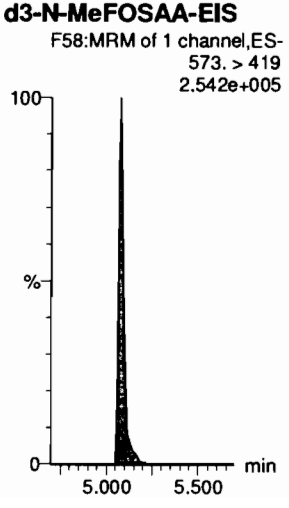




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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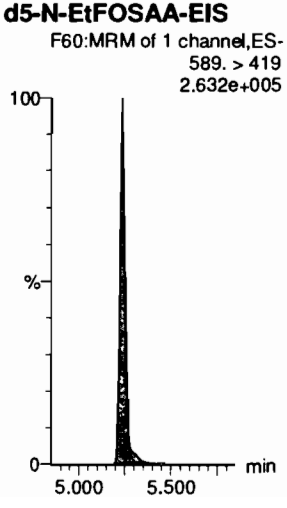
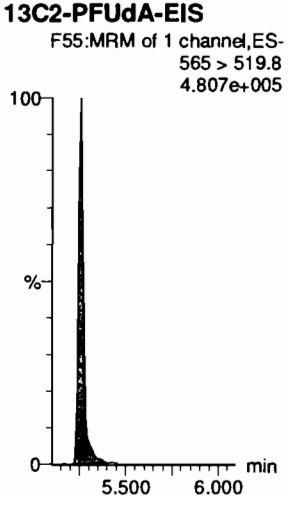
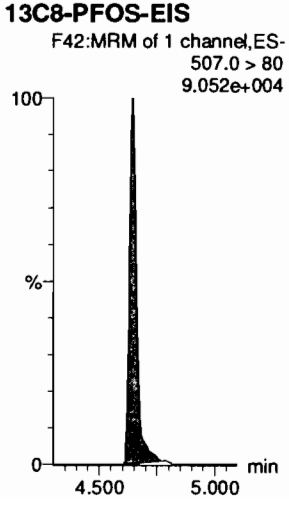


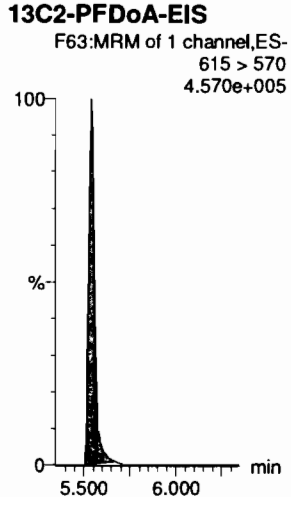
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

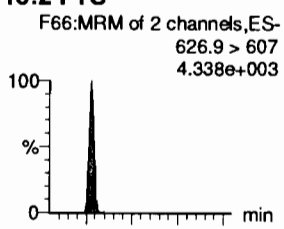


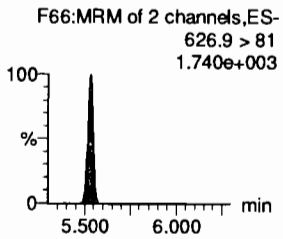
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

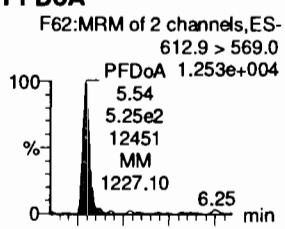
Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

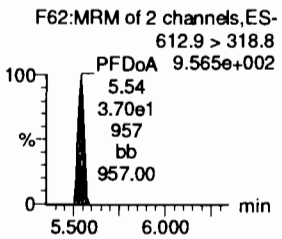
10:2 FTS



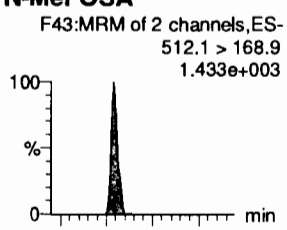


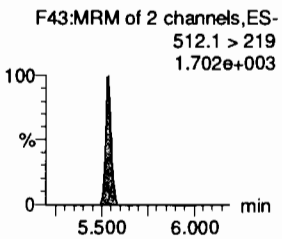
PFDoA



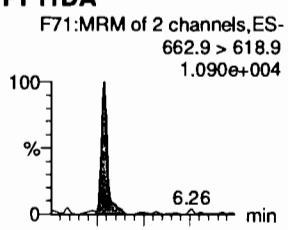


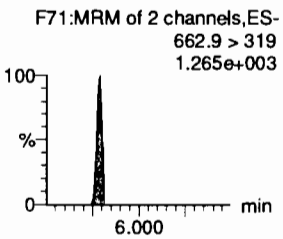
N-MeFOSA



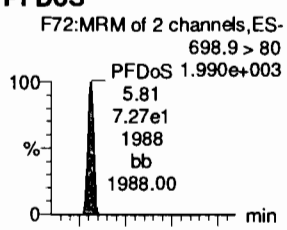


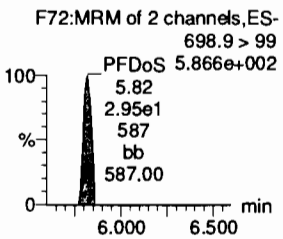
PFTrDA



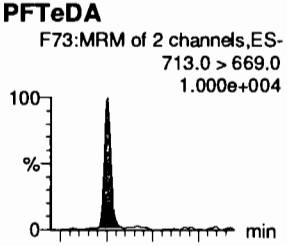


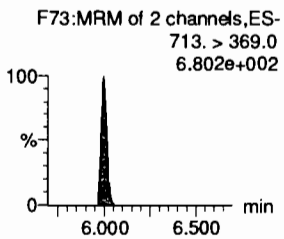
PFDoS



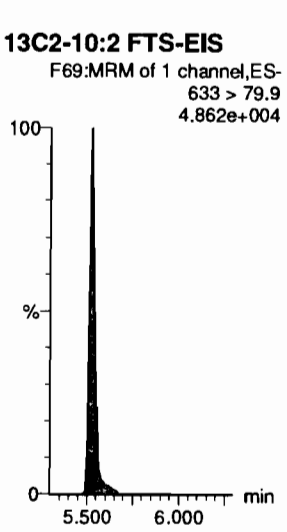


PFTeDA

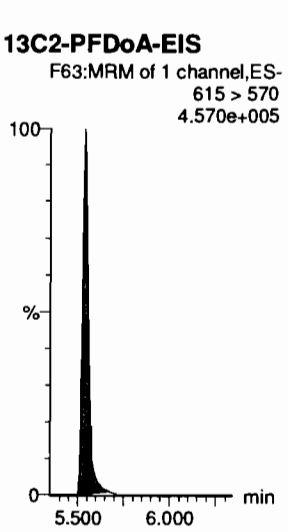




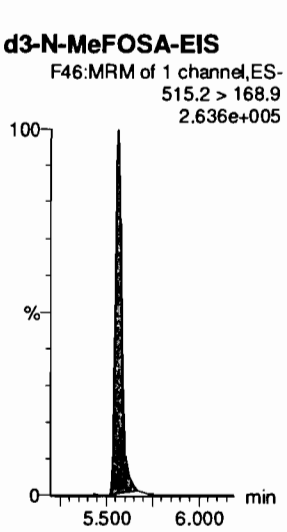
13C2-10:2 FTS-EIS



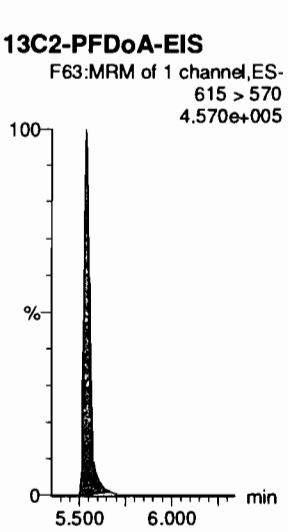
13C2-PFDoA-EIS



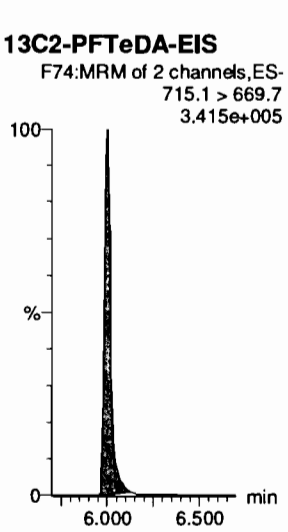
d3-N-MeFOSA-EIS



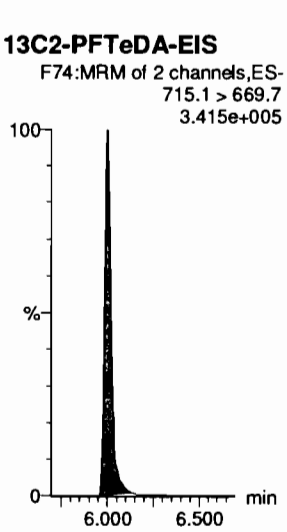
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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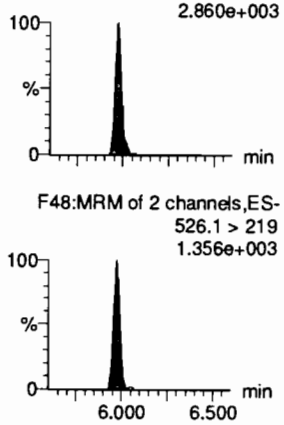
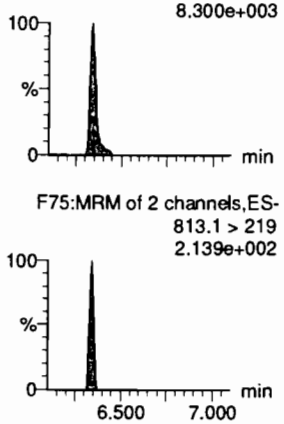
Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

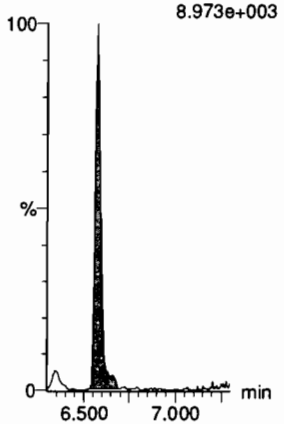
N-EtFOSA



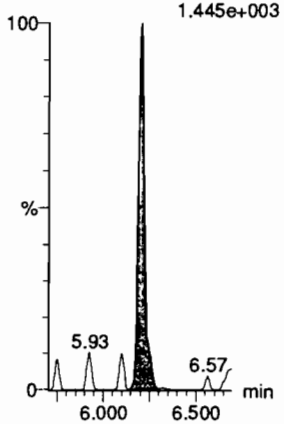
PFHxDA



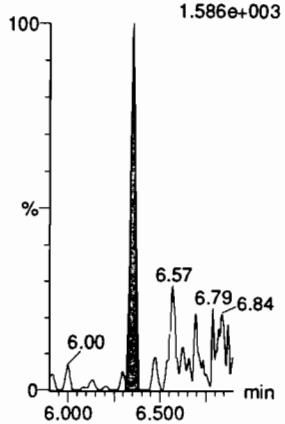
PFODA



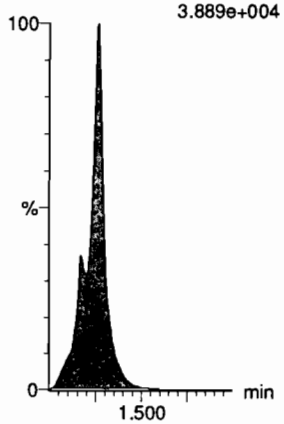
N-MeFOSE



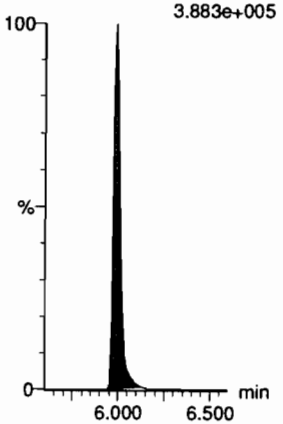
N-EtFOSE



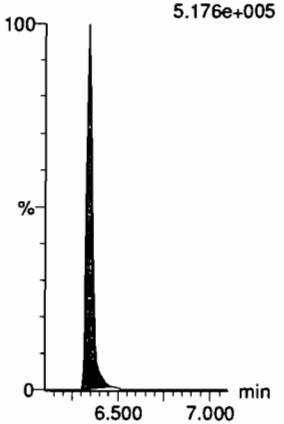
13C3-PFBA-RSD



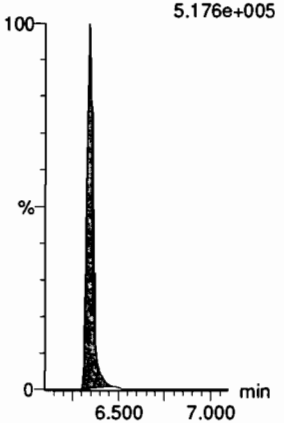
d5-N-ETFOSA-EIS



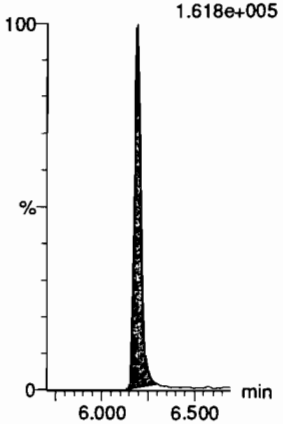
13C2-PFHxDA-EIS



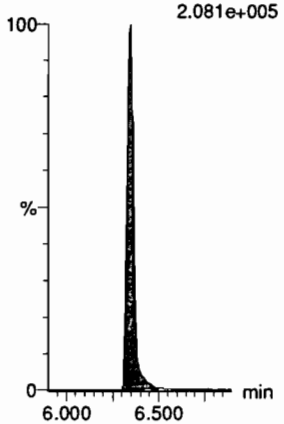
13C2-PFHxDA-EIS



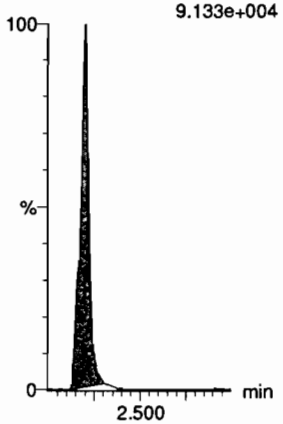
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

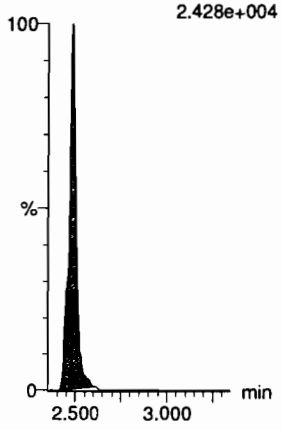


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

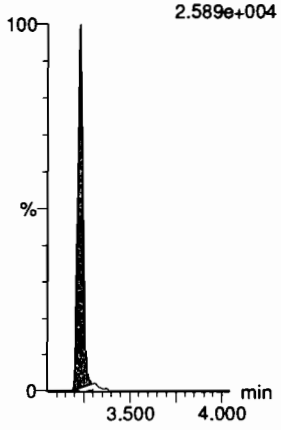
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

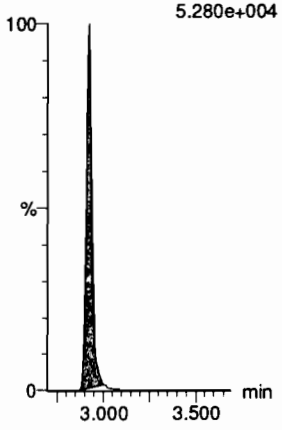
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.428e+004



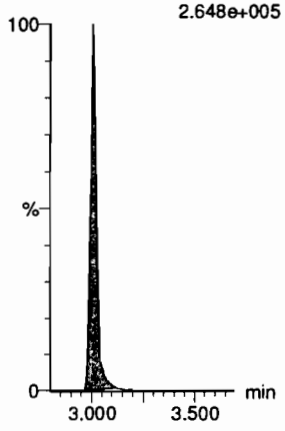
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.589e+004



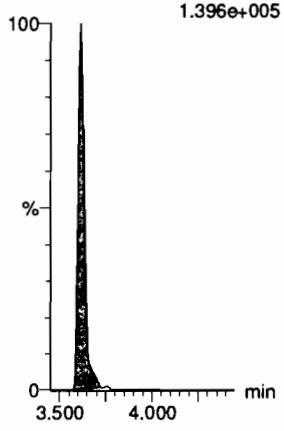
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.280e+004



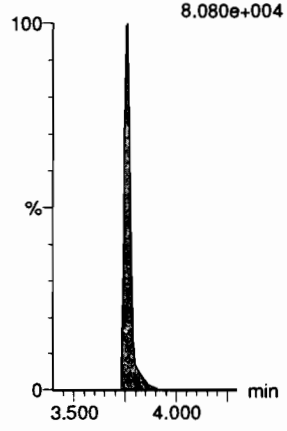
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.648e+005



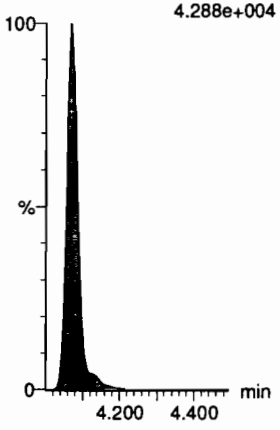
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.396e+005



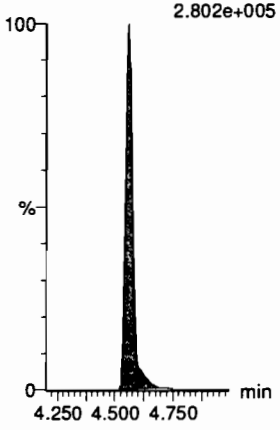
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.080e+004



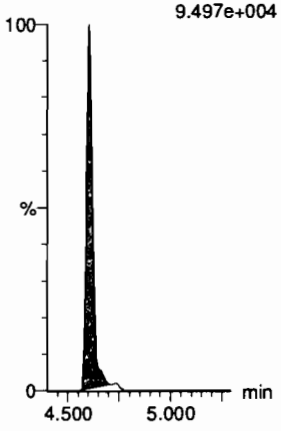
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.288e+004



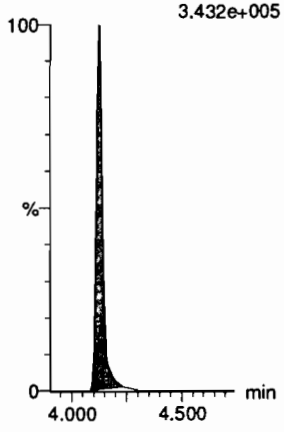
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.802e+005



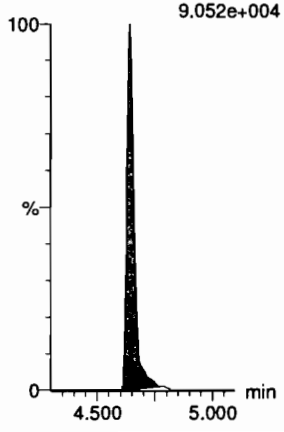
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
9.497e+004



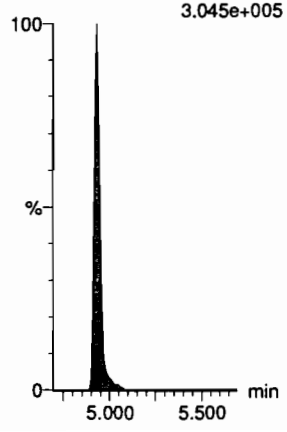
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.432e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
9.052e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.045e+005



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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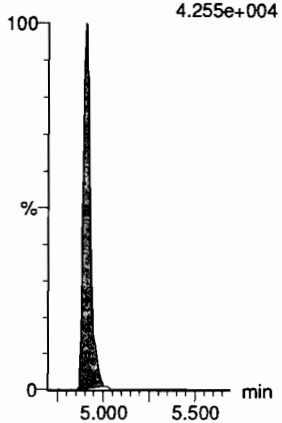
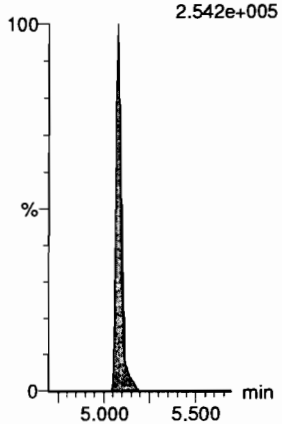
Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

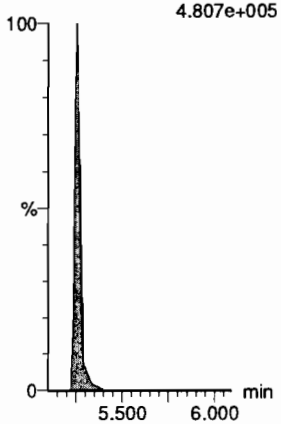
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.255e+004



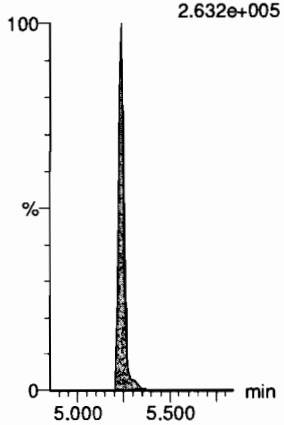
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.542e+005



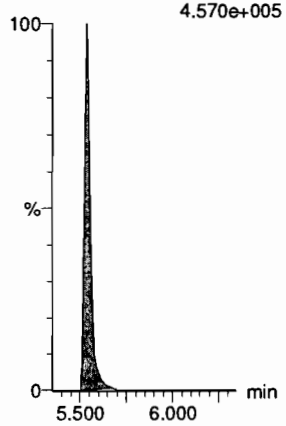
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.807e+005



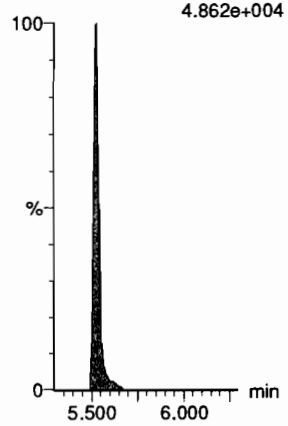
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.632e+005



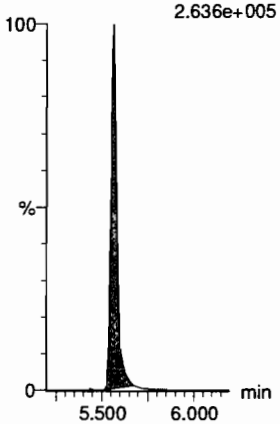
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.570e+005



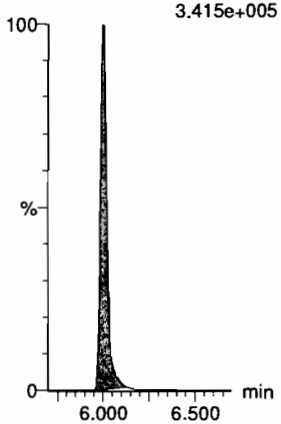
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.862e+004



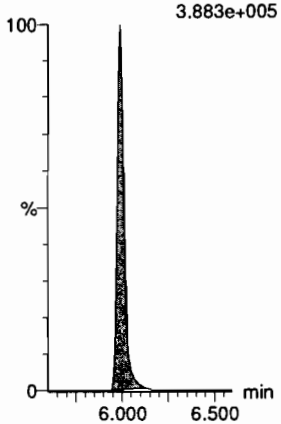
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.636e+005



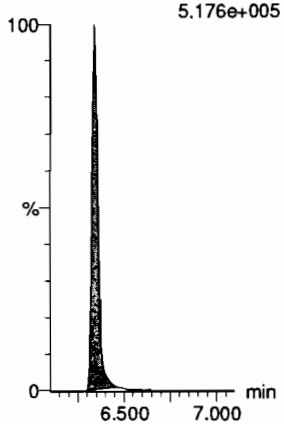
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.415e+005



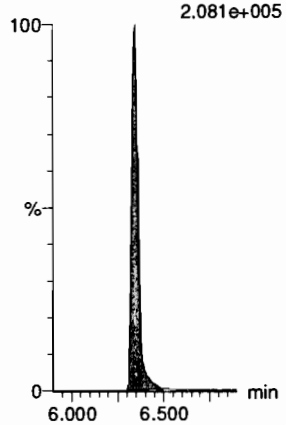
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
3.883e+005



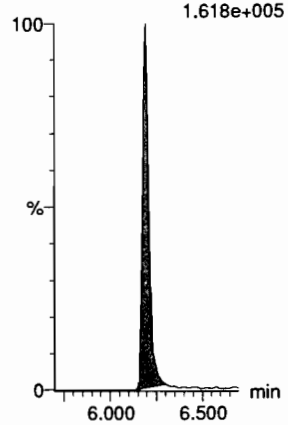
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.176e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.081e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.618e+005

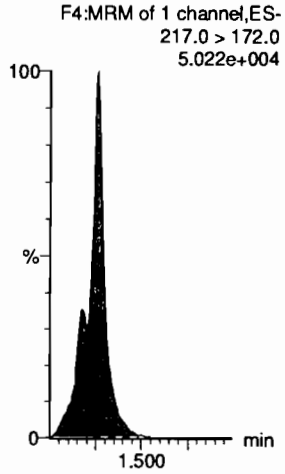


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

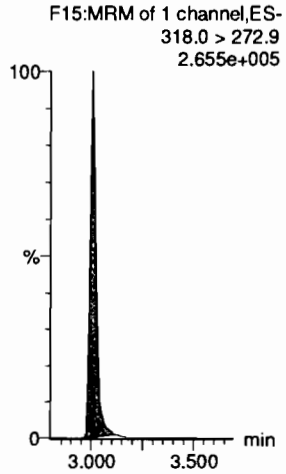
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_3, Date: 08-Jun-2020, Time: 15:23:22, ID: ST200608M1-1 PFC CS-2 20E2701, Description: PFC CS-2 20E2701

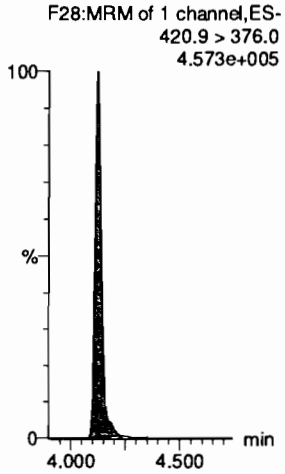
13C4-PFBA



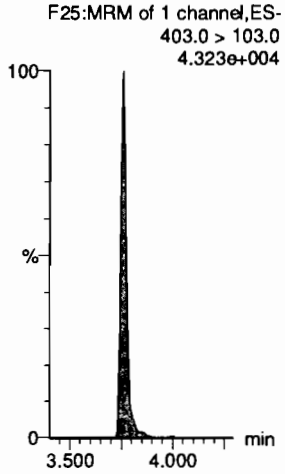
13C5-PFHxA



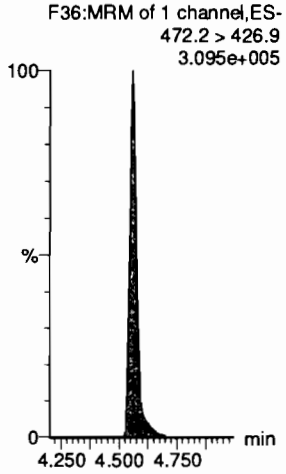
13C8-PFOA



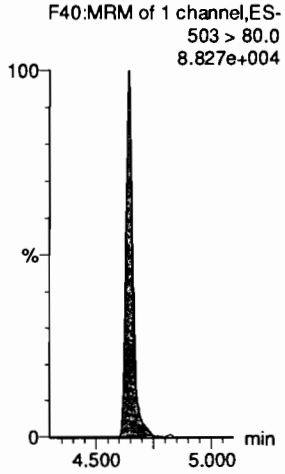
18O2-PFHxS



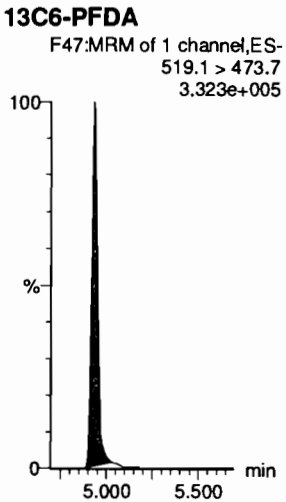
13C9-PFNA



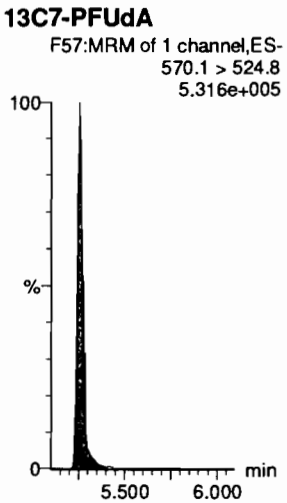
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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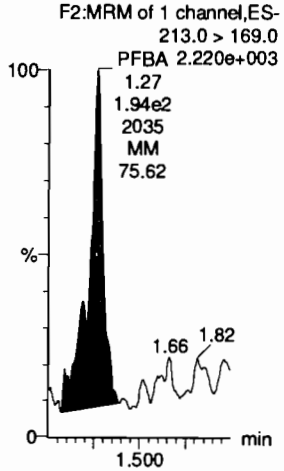
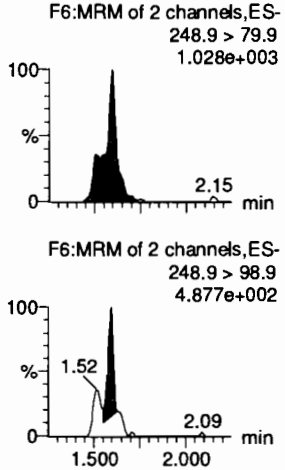
Last Altered: Tuesday, June 09, 2020 09:51:16 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:51:38 Pacific Daylight Time

Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

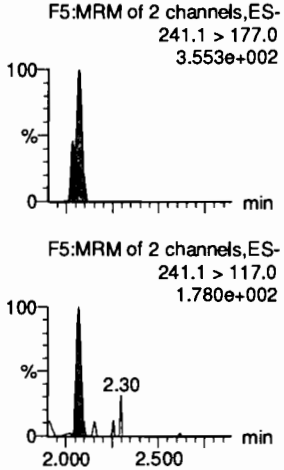
PFBA



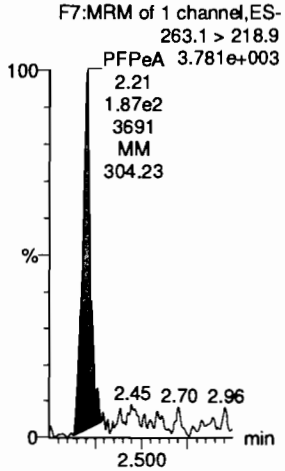
PFPrS



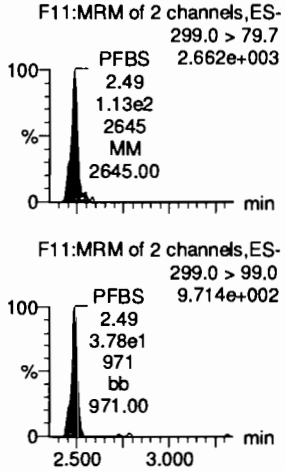
3:3 FTCA



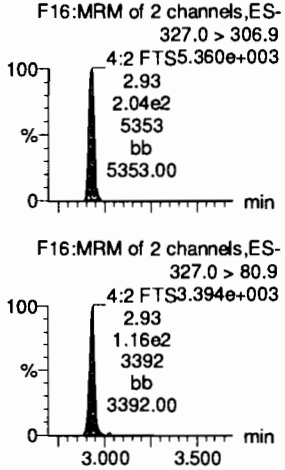
PFPeA



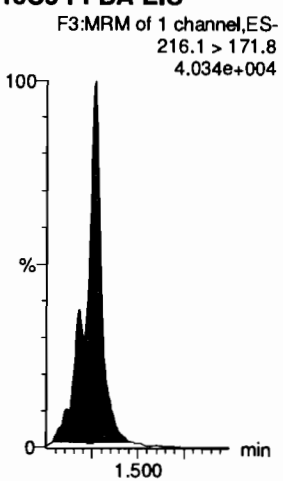
PFBS



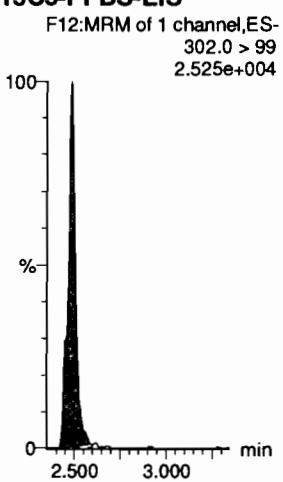
4:2 FTS



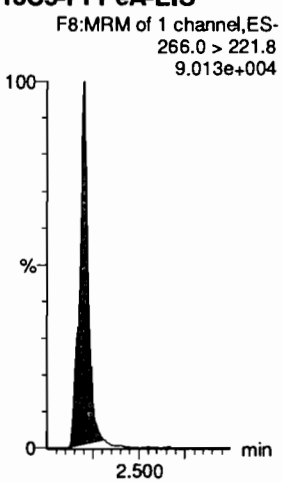
13C3-PFBA-EIS



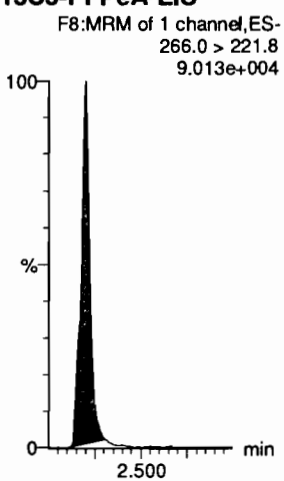
13C3-PFBS-EIS



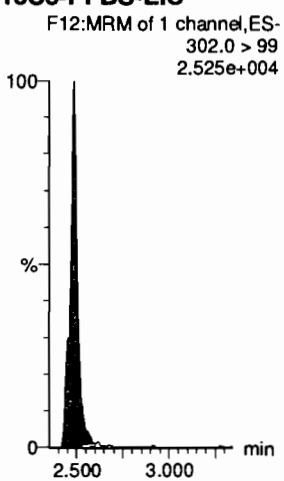
13C3-PFPeA-EIS



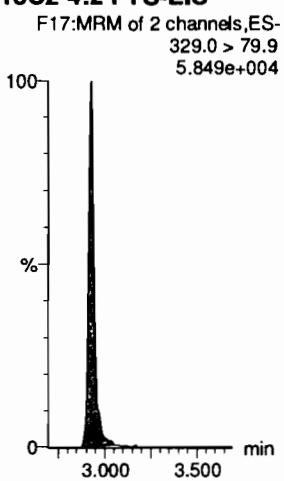
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

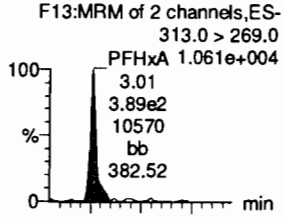


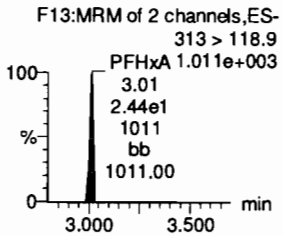
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

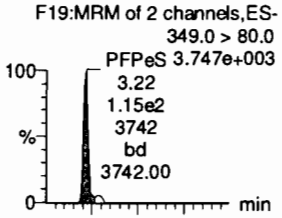
Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

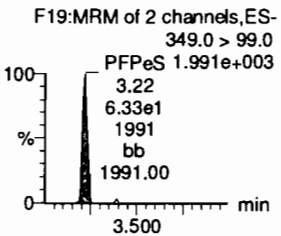
PFHxA



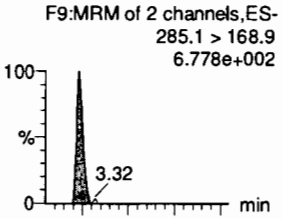


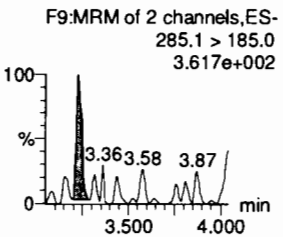
PFPeS



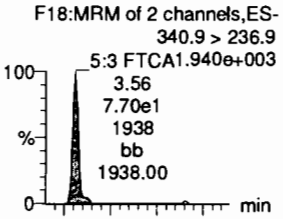


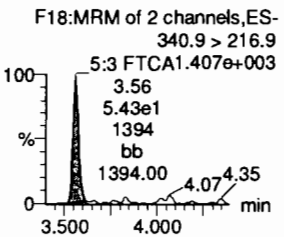
HFPO-DA



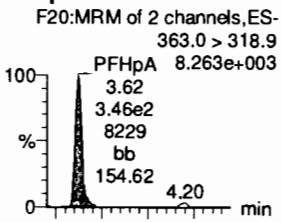


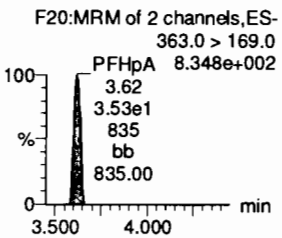
5:3 FTCA



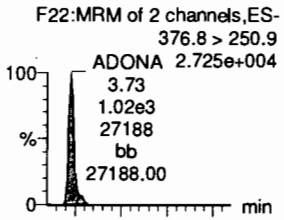


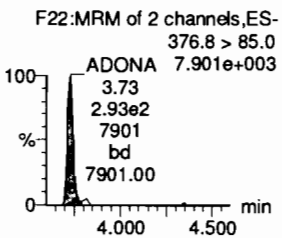
PFHpA



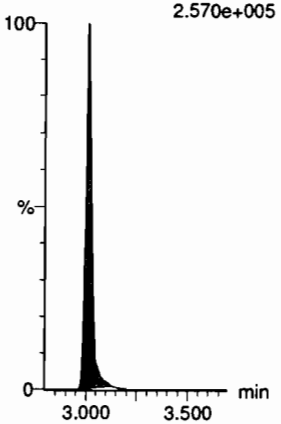


ADONA

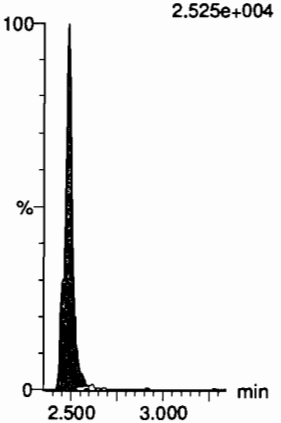




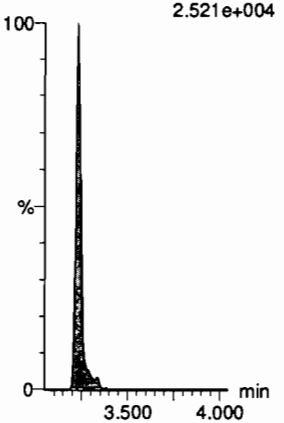
13C2-PFHxA-EIS



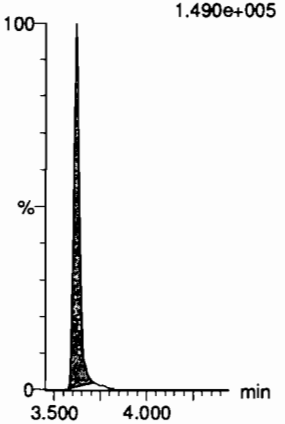
13C3-PFBS-EIS



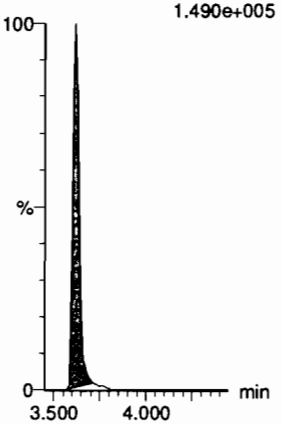
13C3-HFPO-DA-EIS



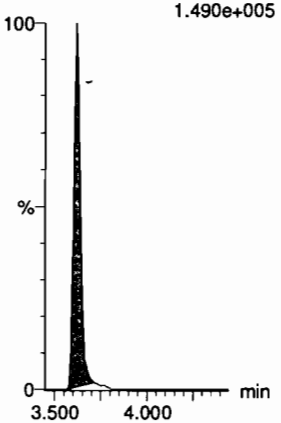
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

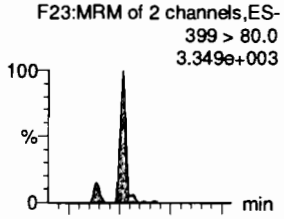


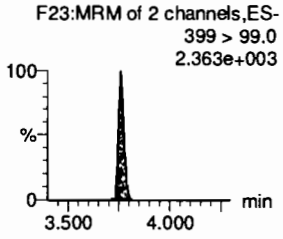
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

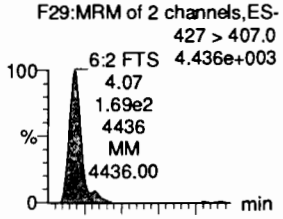
Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

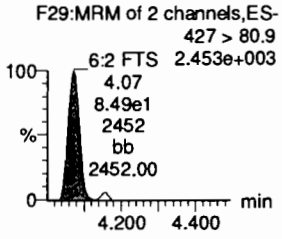
L-PFHxS



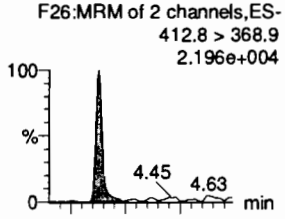


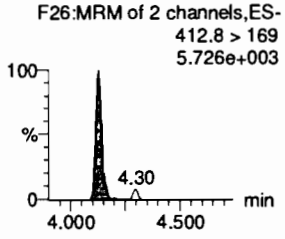
6:2 FTS



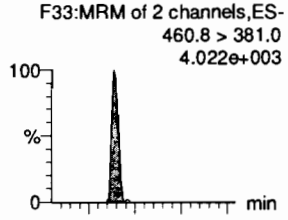


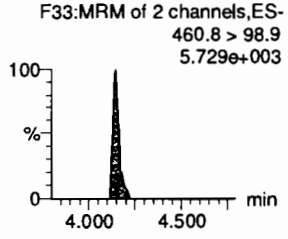
L-PFOA





PFEChS





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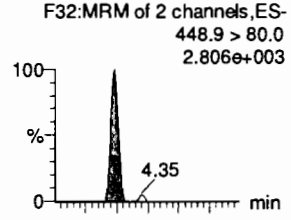
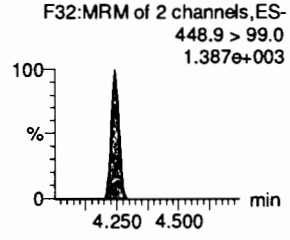
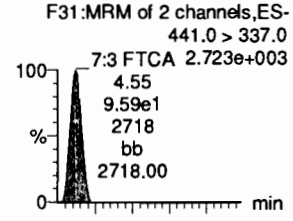
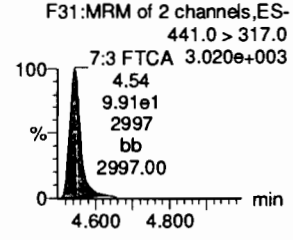


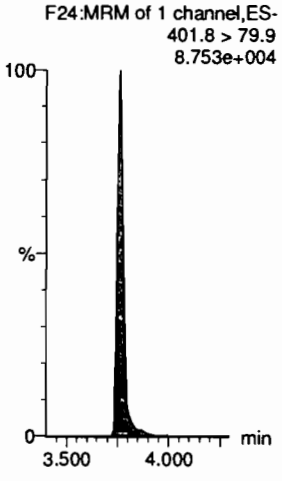


7:3 FTCA

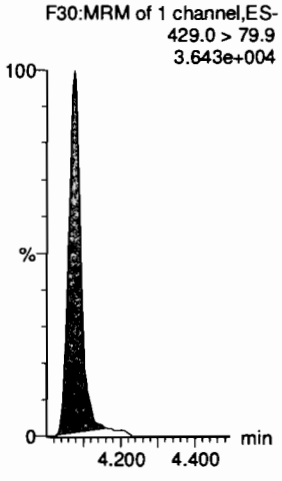




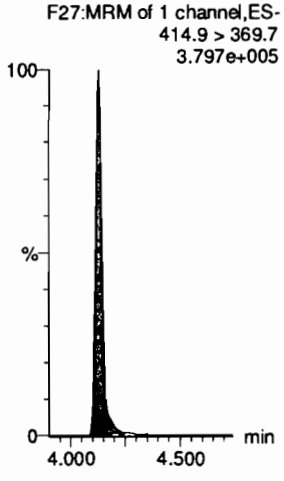
13C3-PFHxS-EIS



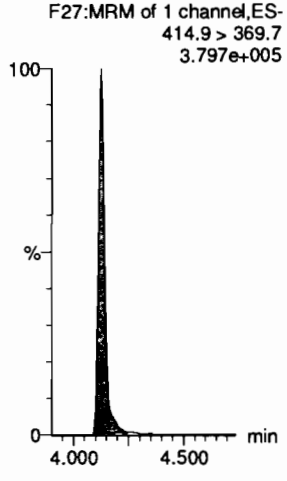
13C2-6:2 FTS-EIS



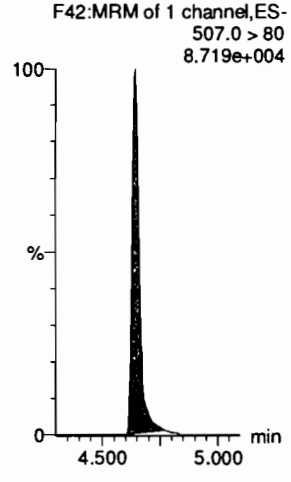
13C2-PFOA-EIS



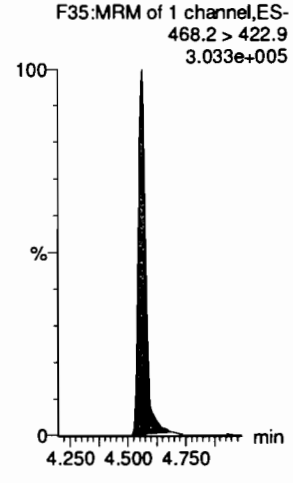
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

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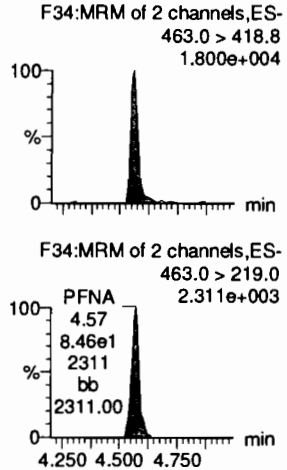

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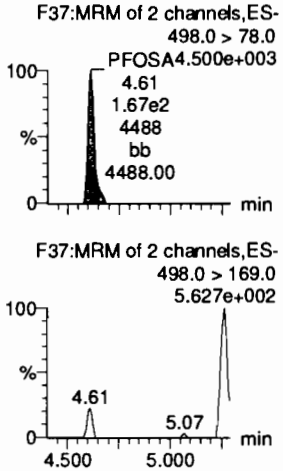
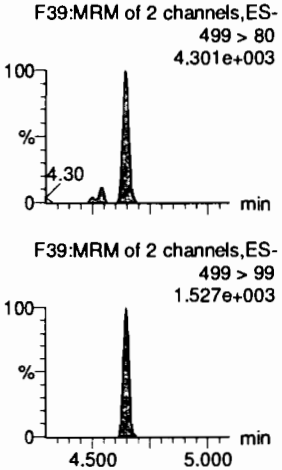
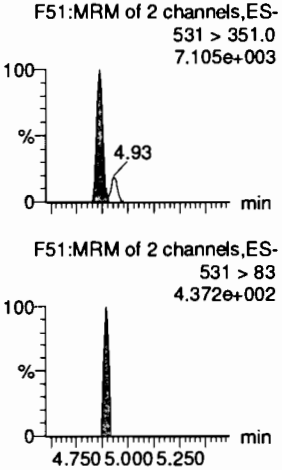


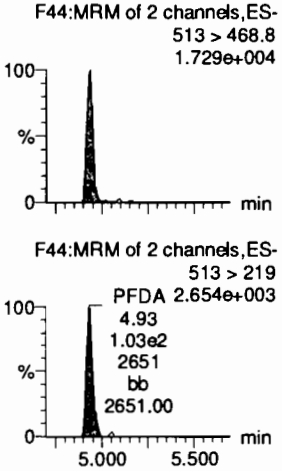
L-PFOS



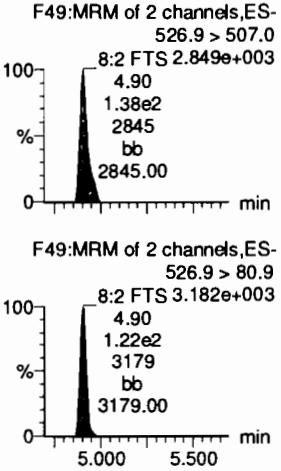
9Cl-PF30NS



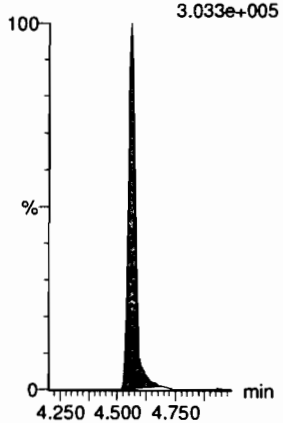
PFDA



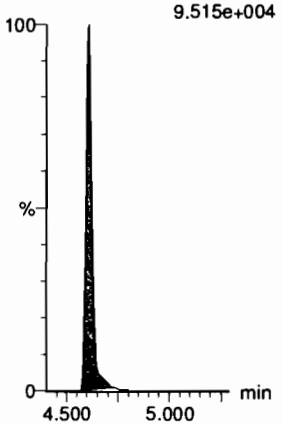
8:2 FTS



13C5-PFNA-EIS



13C8-PFOSA-EIS



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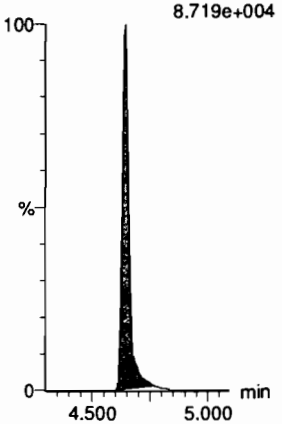
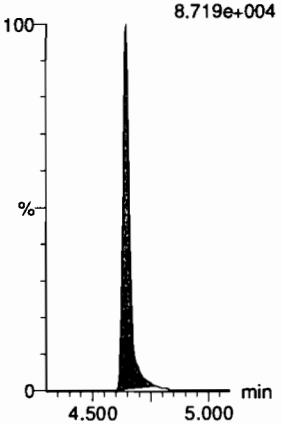
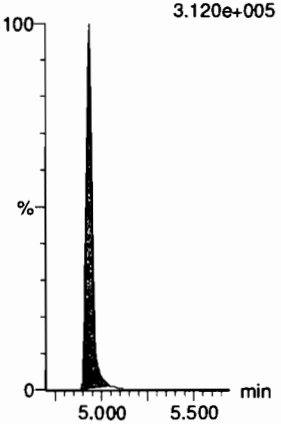


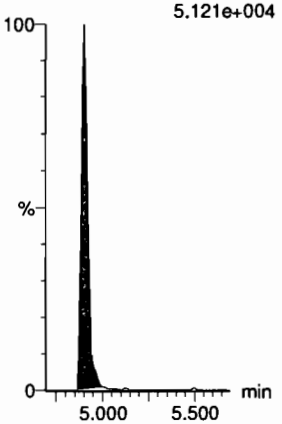
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

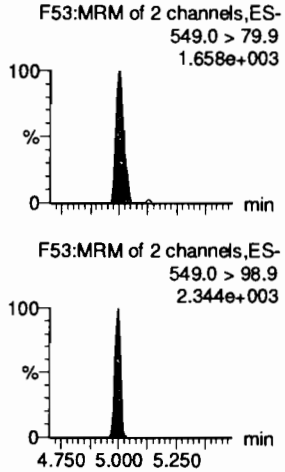


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

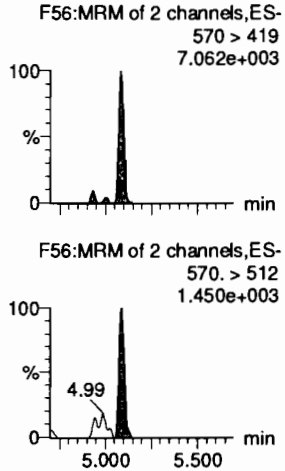
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

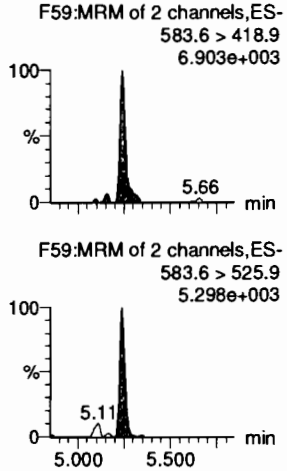
PFNS



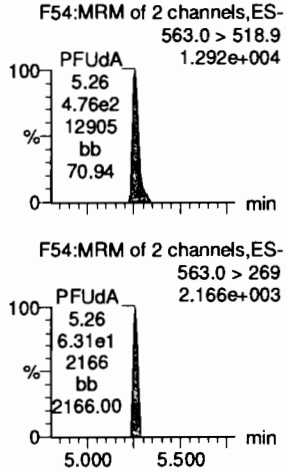
L-MeFOSAA



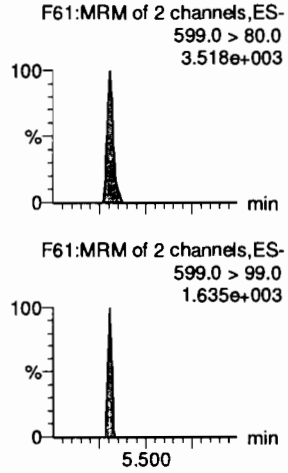
L-EtFOSAA



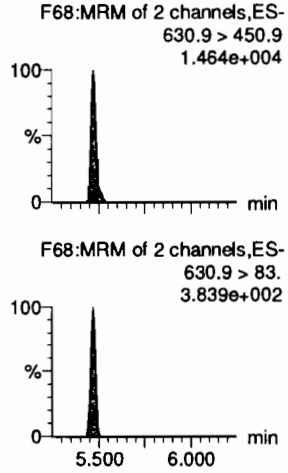
PFUdA



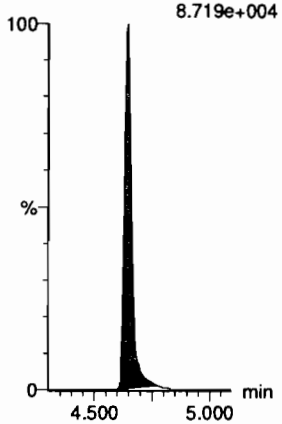
PFDS



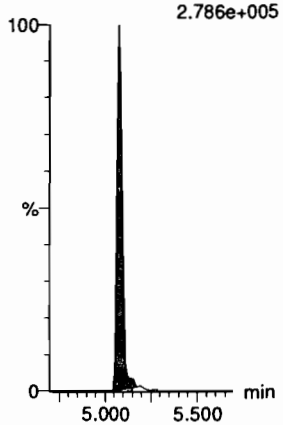
11Cl-PF30UdS



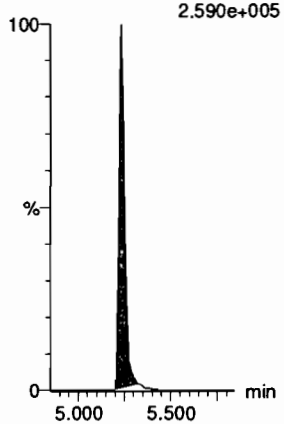
13C8-PFOS-EIS



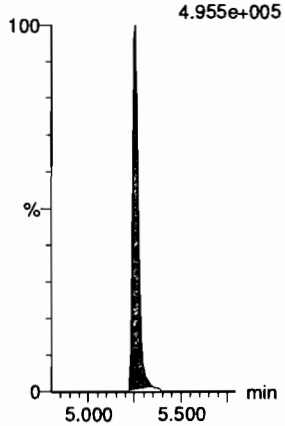
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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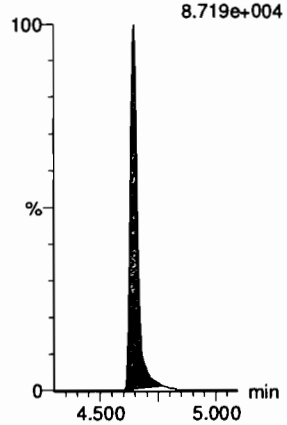
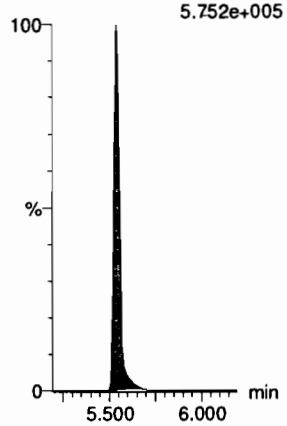


13C2-PFDoA-EIS



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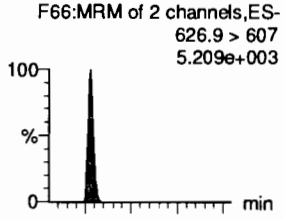
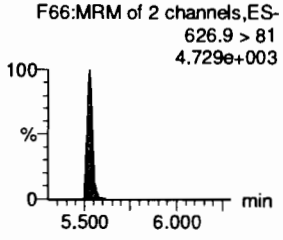
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

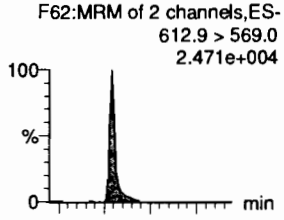
Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

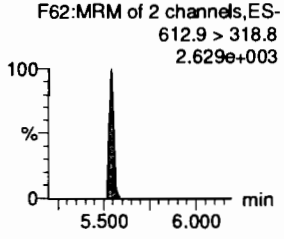
10:2 FTS



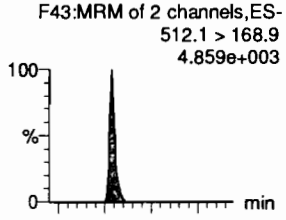


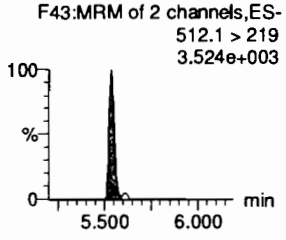
PFDoA





N-MeFOSA





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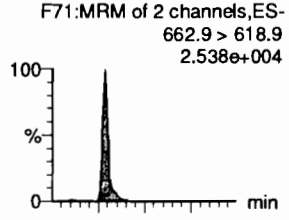
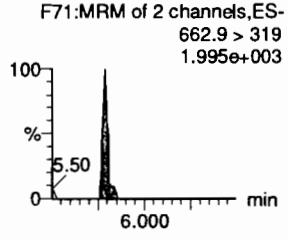
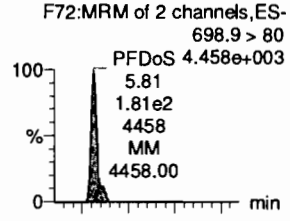
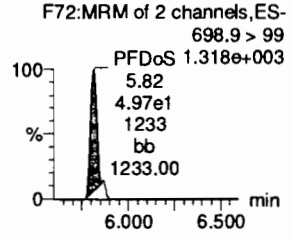




PFDoS





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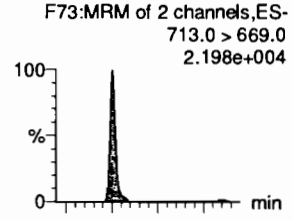
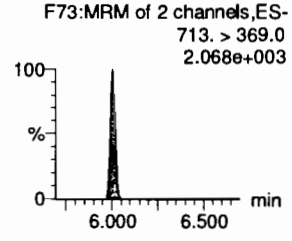
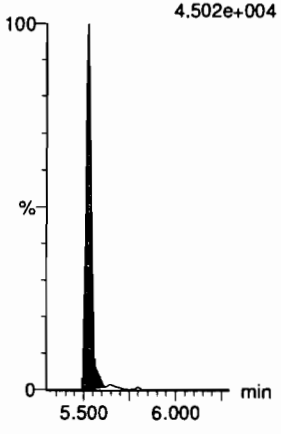
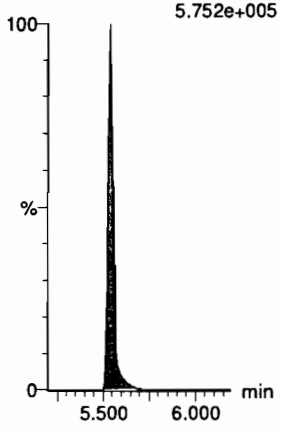




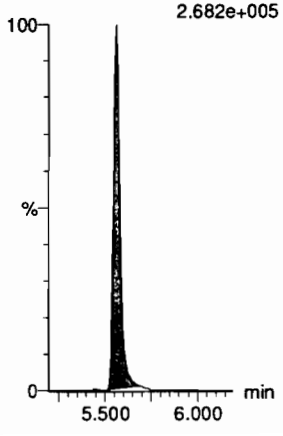
13C2-10:2 FTS-EIS



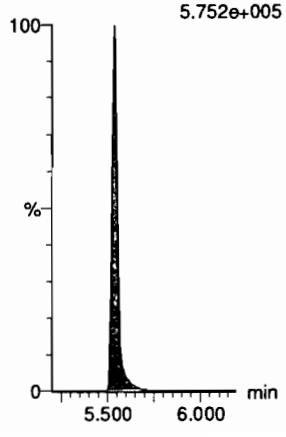
13C2-PFDoA-EIS



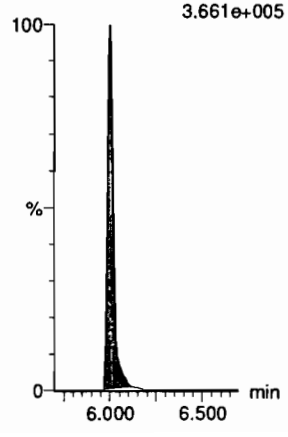
d3-N-MeFOSA-EIS



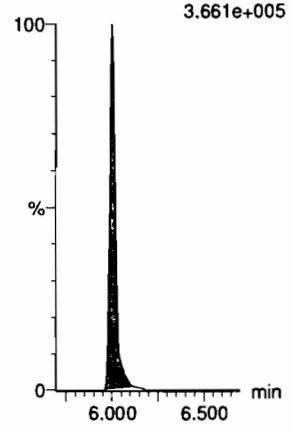
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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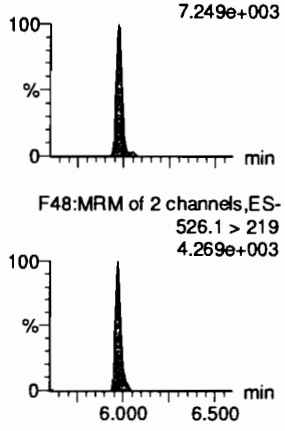
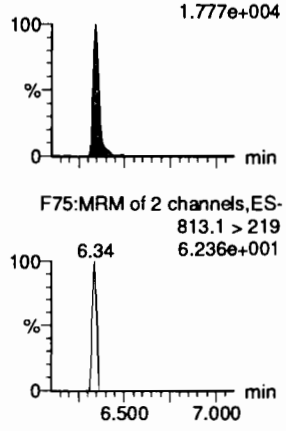
Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

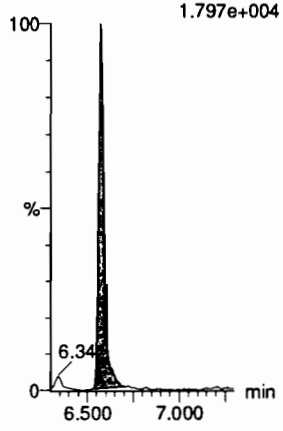
N-EtFOSA



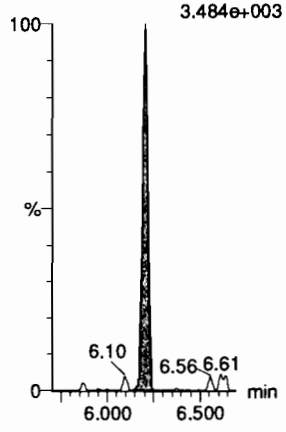
PFHxDA



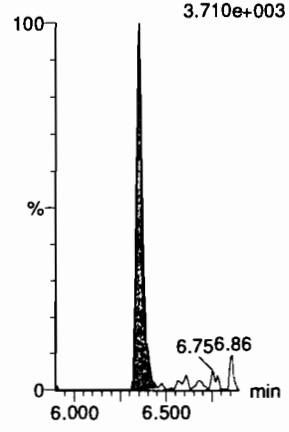
PFODA



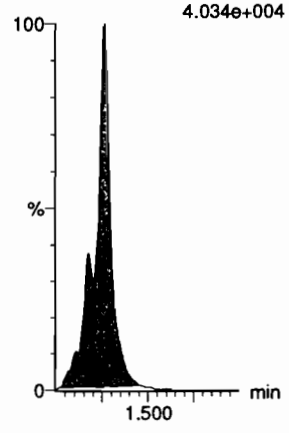
N-MeFOSE



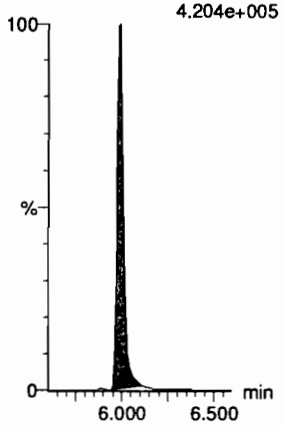
N-EtFOSE



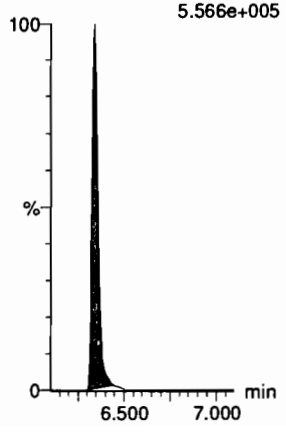
13C3-PFBA-RSD



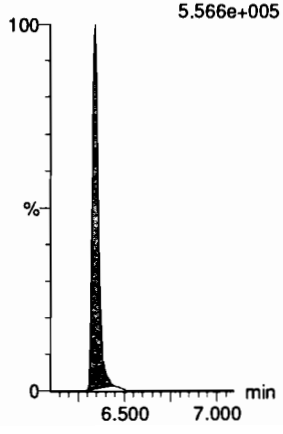
d5-N-ETFOSA-EIS



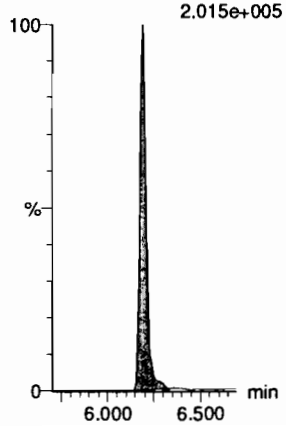
13C2-PFHxDA-EIS



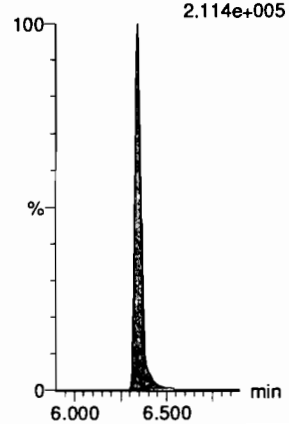
13C2-PFHxDA-EIS



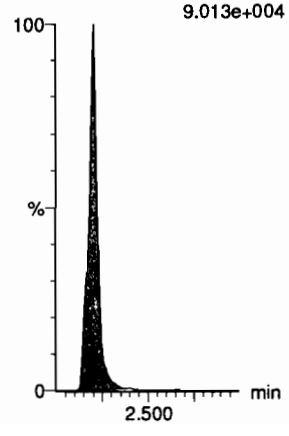
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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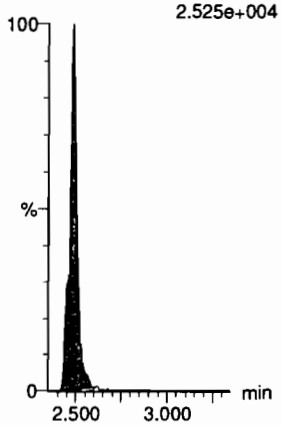
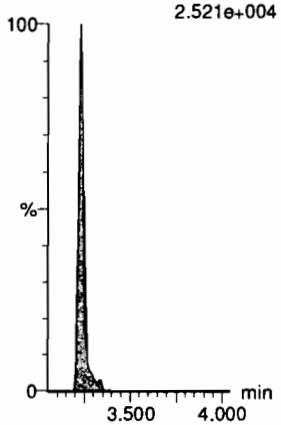
Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

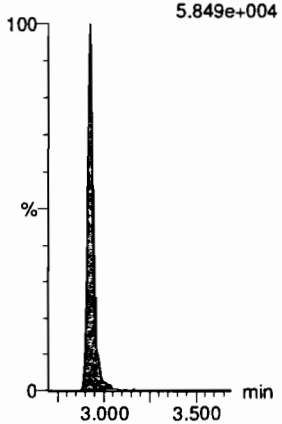
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.525e+004



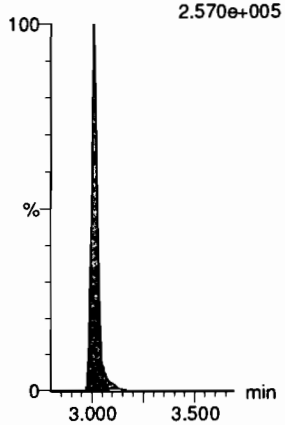
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.521e+004



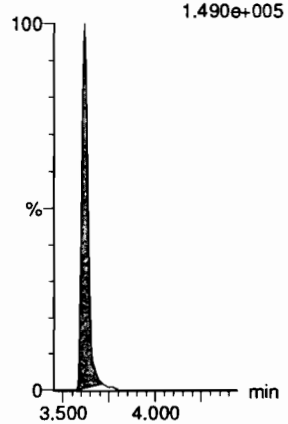
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.849e+004



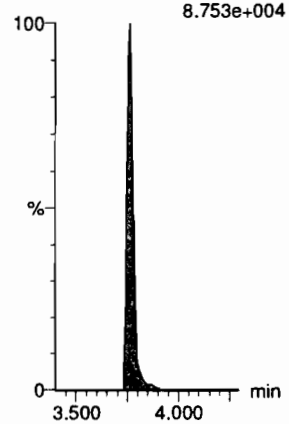
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.570e+005



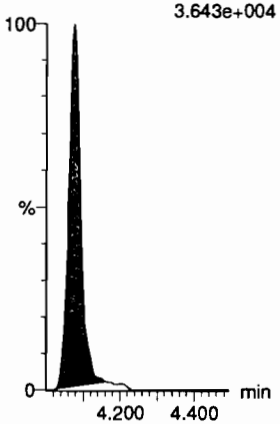
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.490e+005



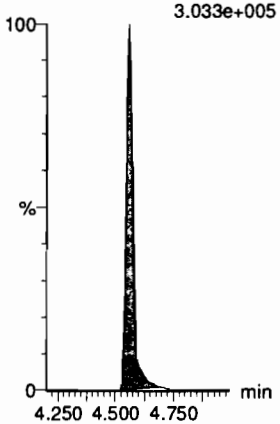
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.753e+004



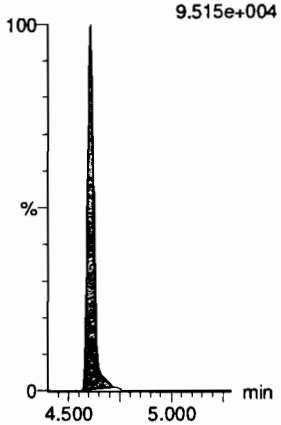
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
3.643e+004



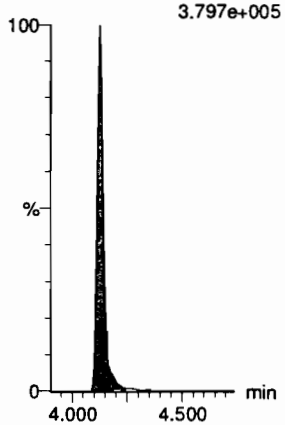
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.033e+005



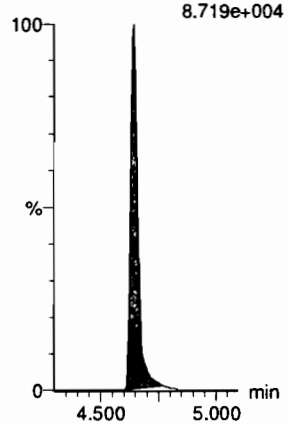
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
9.515e+004



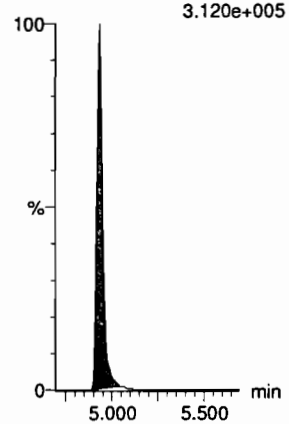
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.797e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
8.719e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.120e+005

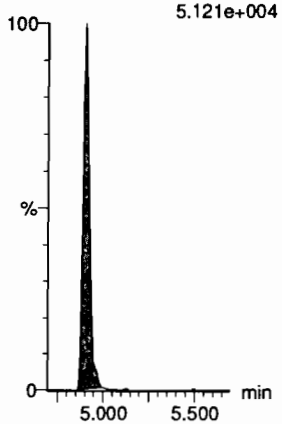


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

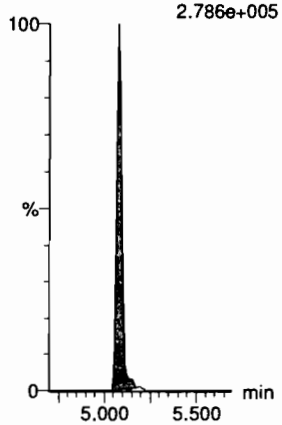
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

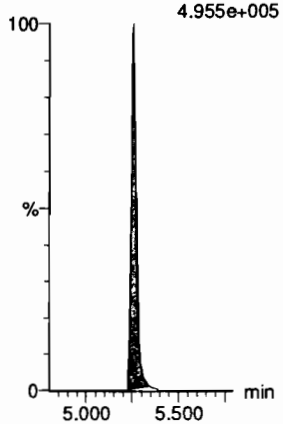
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
5.121e+004



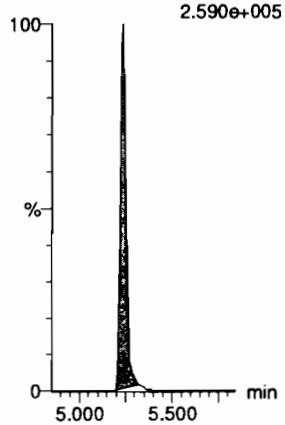
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.786e+005



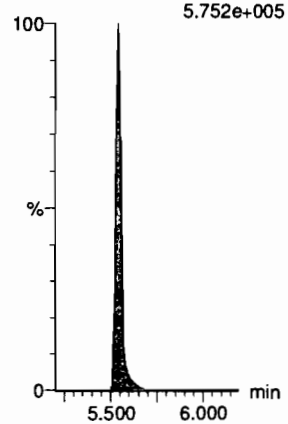
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.955e+005



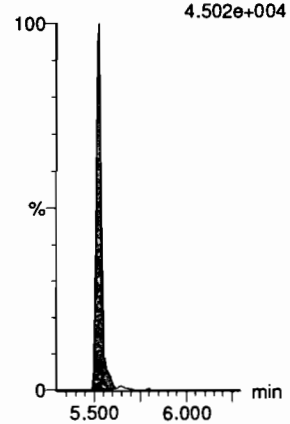
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.590e+005



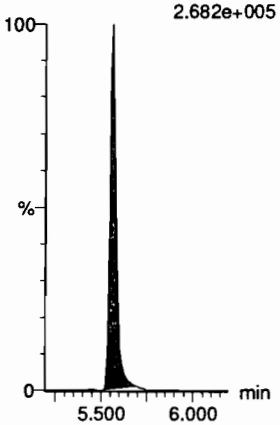
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.752e+005



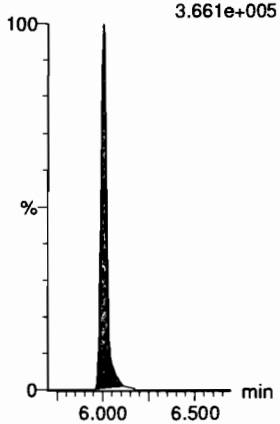
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.502e+004



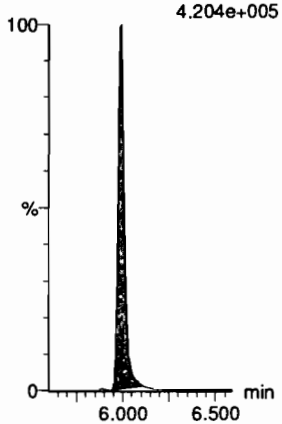
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.682e+005



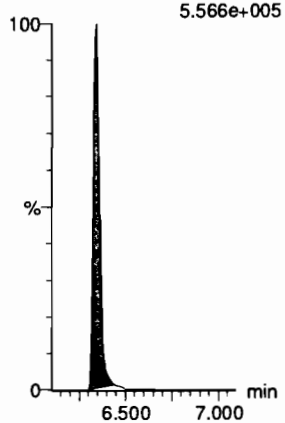
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.661e+005



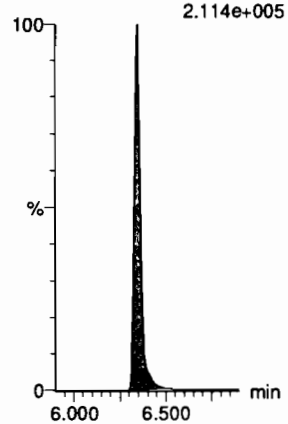
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.204e+005



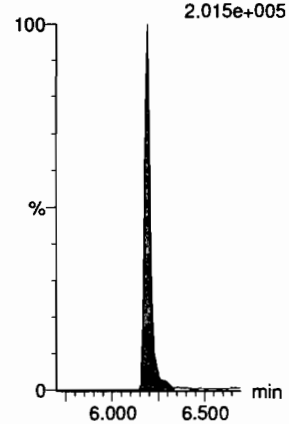
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.566e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.114e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
2.015e+005



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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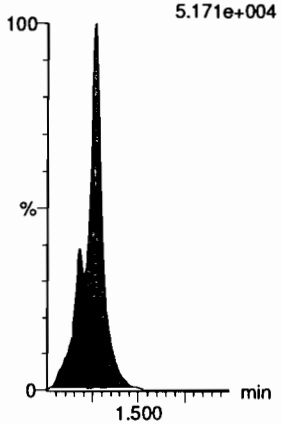
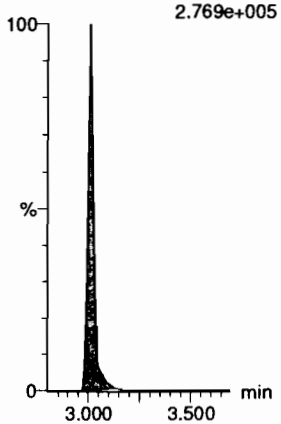
Name: 200608M1_4, Date: 08-Jun-2020, Time: 15:33:52, ID: ST200608M1-2 PFC CS-1 20E2702, Description: PFC CS-1 20E2702

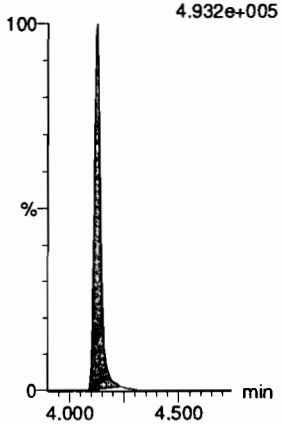
13C4-PFBA



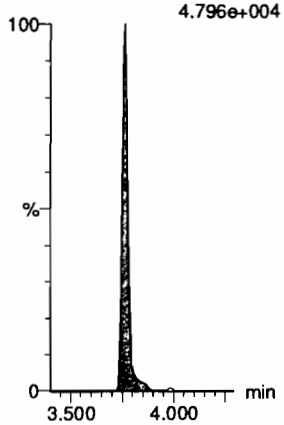
13C5-PFHxA



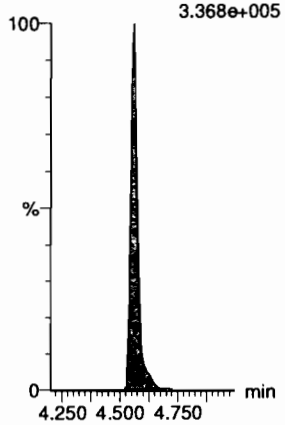
13C8-PFOA



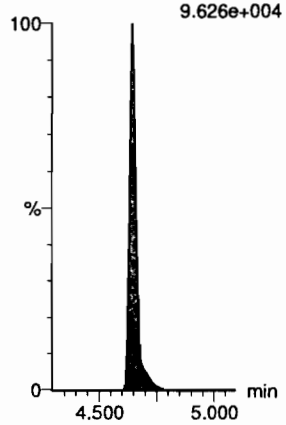
18O2-PFHxS



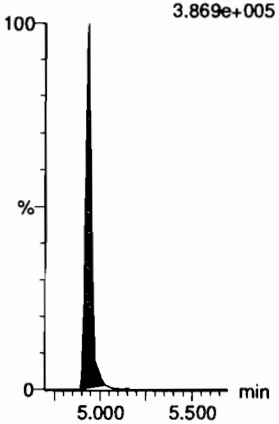
13C9-PFNA



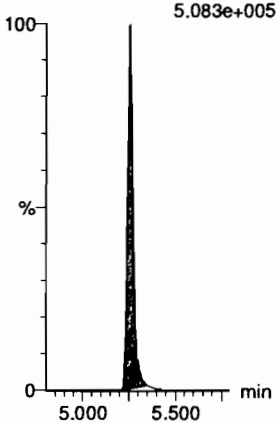
13C4-PFOS



13C6-PFDA



13C7-PFUdA

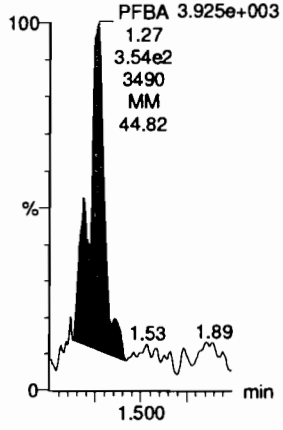


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

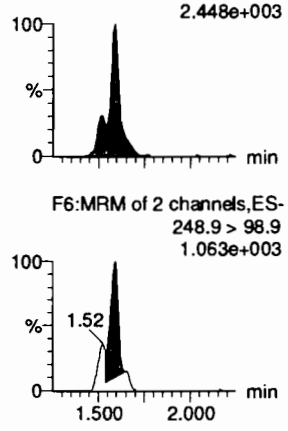
Last Altered: Tuesday, June 09, 2020 09:51:16 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:51:38 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

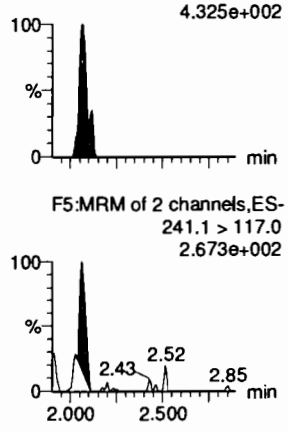
PFBA



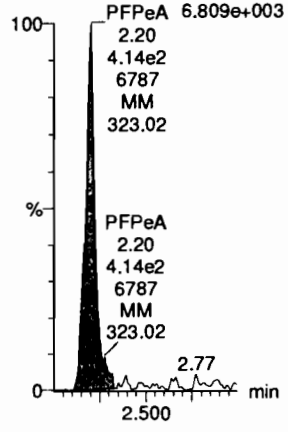
PFPrS



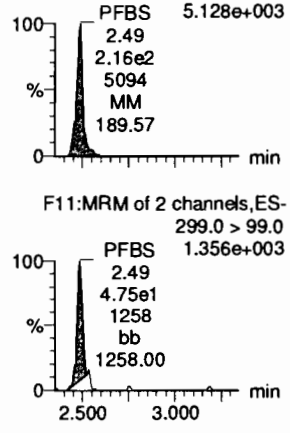
3:3 FTCA



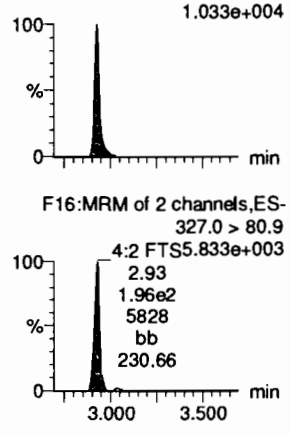
PFPeA



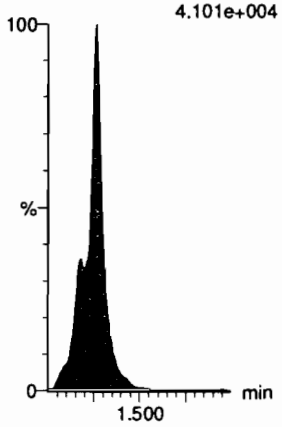
PFBS



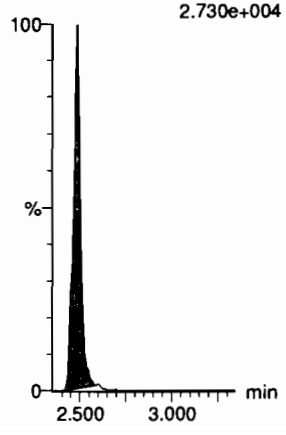
4:2 FTS



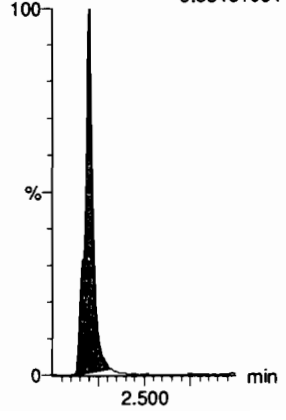
13C3-PFBA-EIS



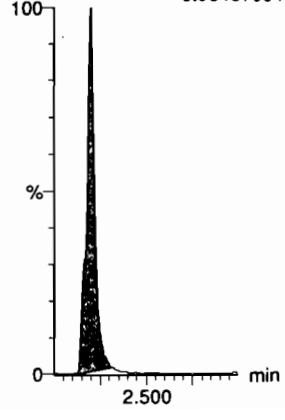
13C3-PFBS-EIS



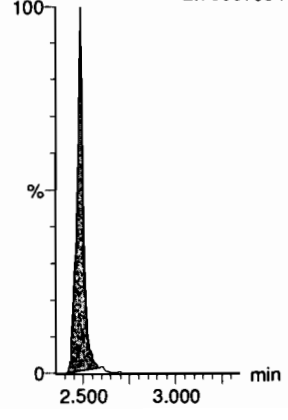
13C3-PFPeA-EIS



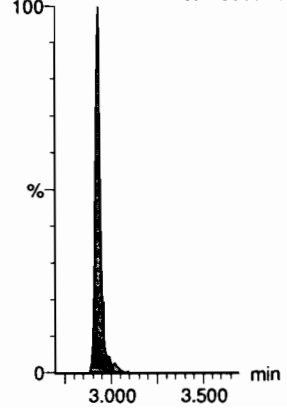
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

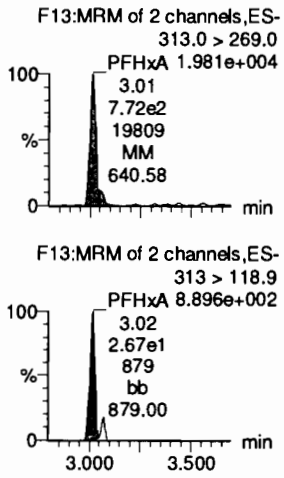


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

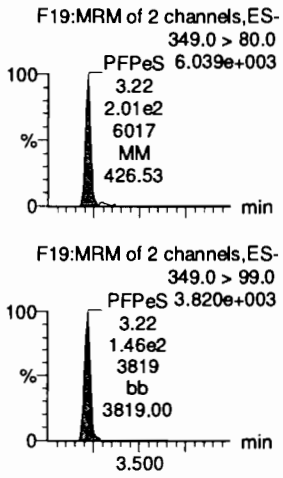
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

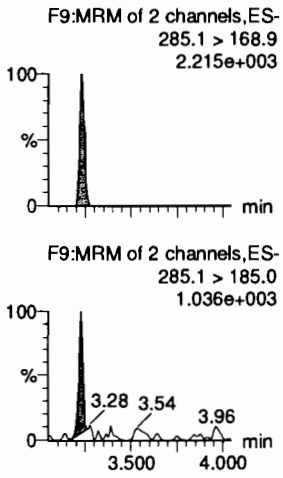
PFHxA



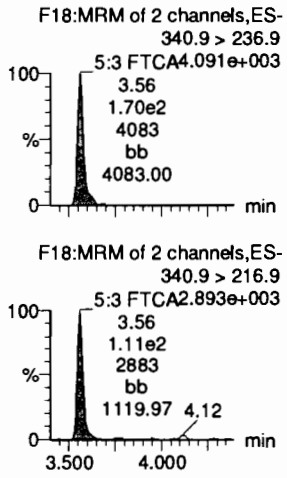
PFPeS



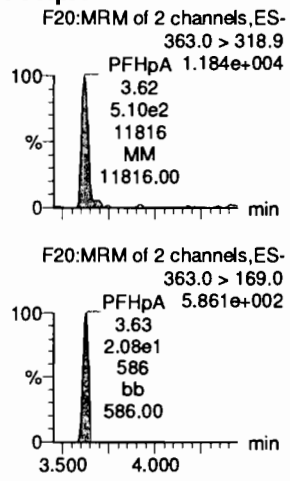
HFPO-DA



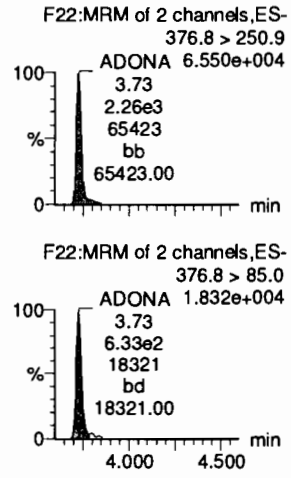
5:3 FTCA



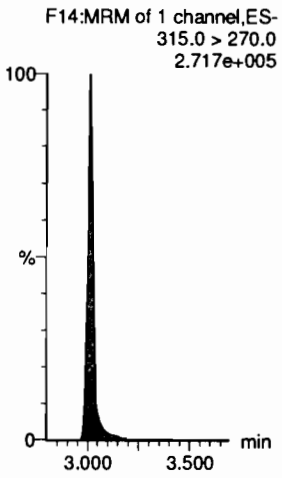
PFHpA



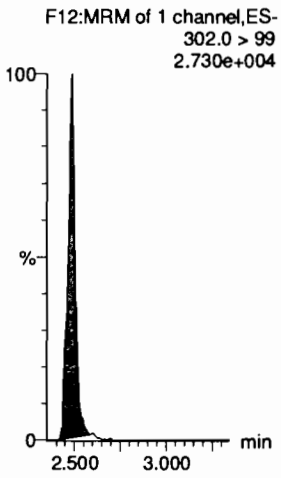
ADONA



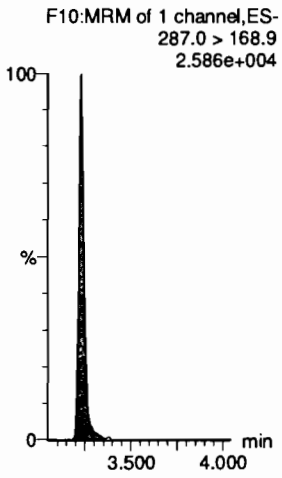
13C2-PFHxA-EIS



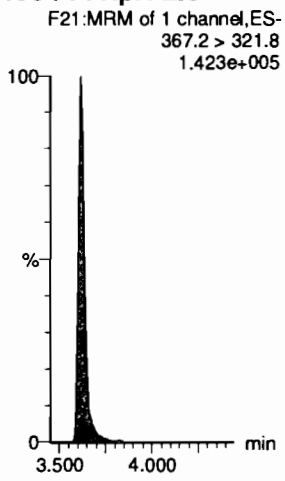
13C3-PFBS-EIS



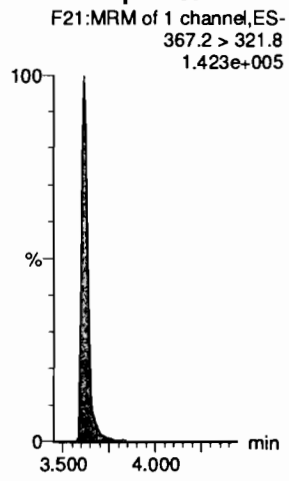
13C3-HFPO-DA-EIS



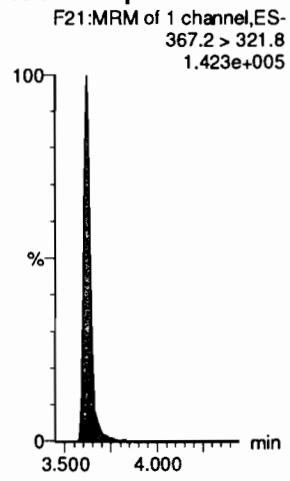
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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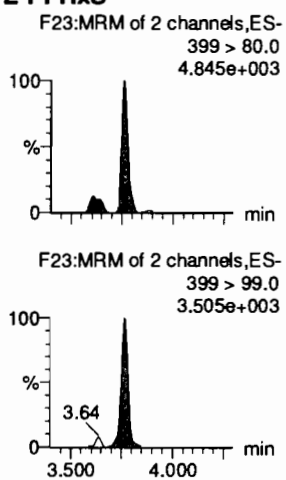
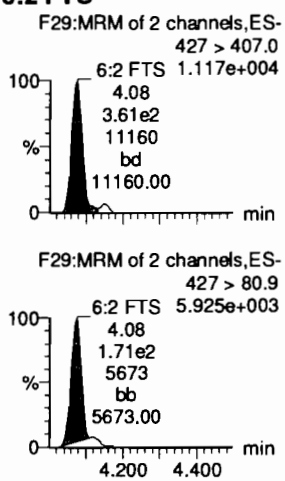
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

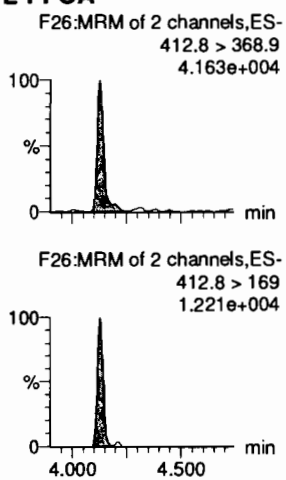
L-PFHxS



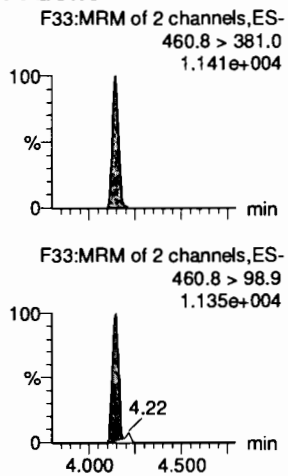
6:2 FTS



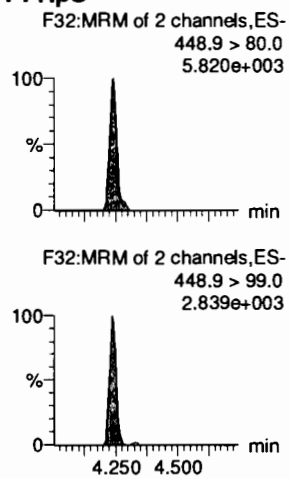
L-PFOA



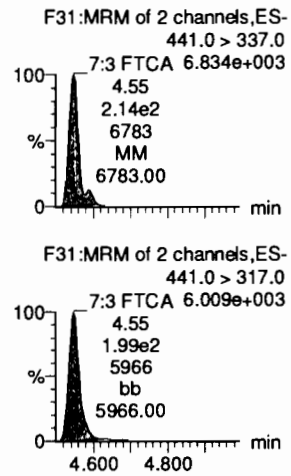
PFEChS



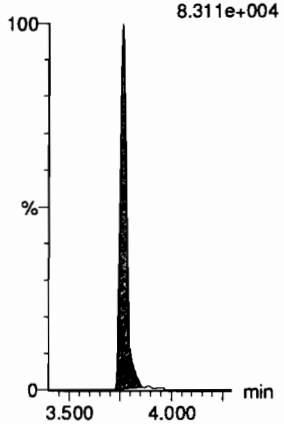
PFHpS



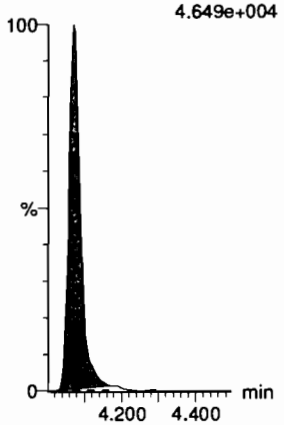
7:3 FTCA



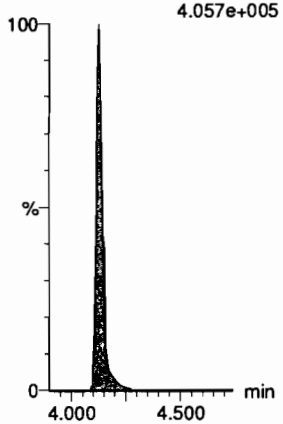
13C3-PFHxS-EIS



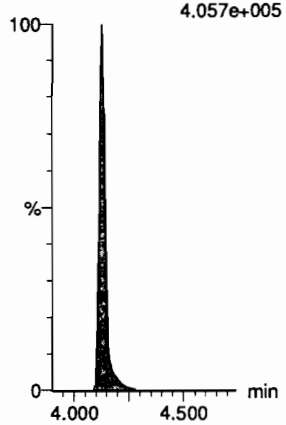
13C2-6:2 FTS-EIS



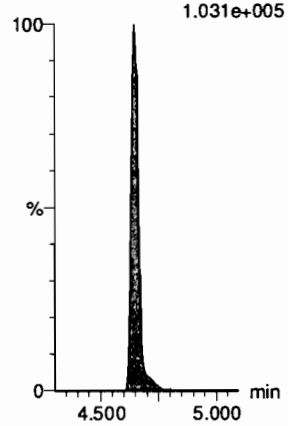
13C2-PFOA-EIS



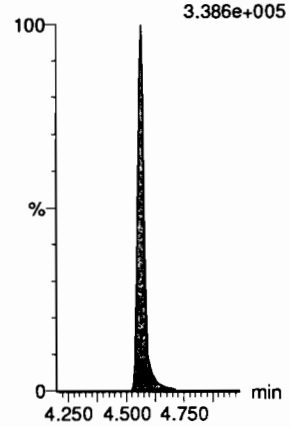
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

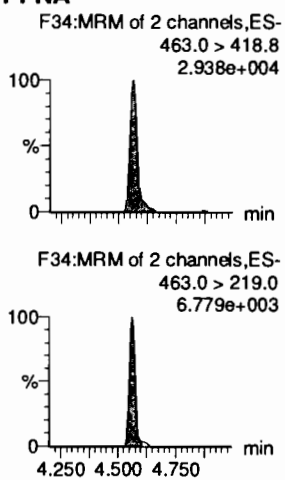


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

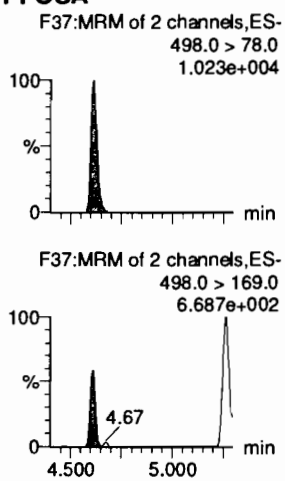
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

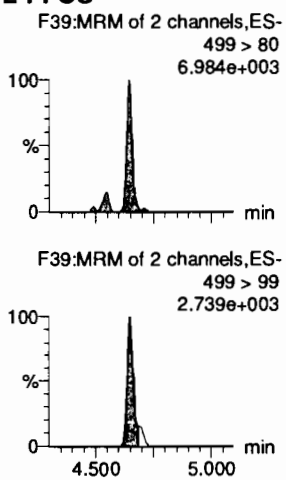
PFNA



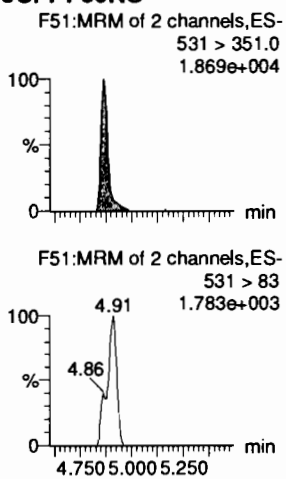
PFOSA



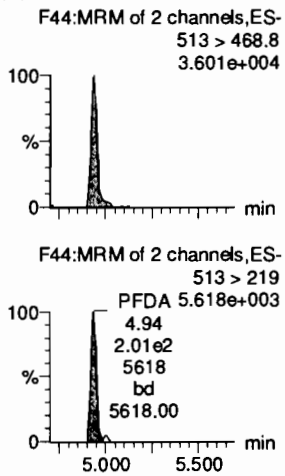
L-PFOS



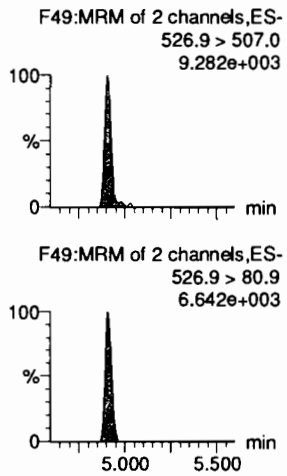
9Cl-PF30NS



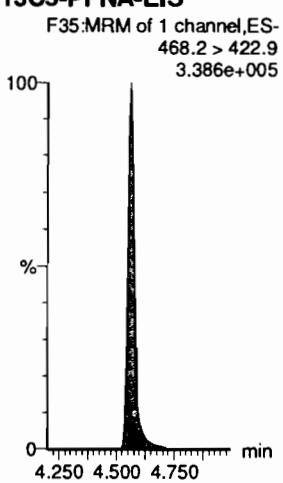
PFDA



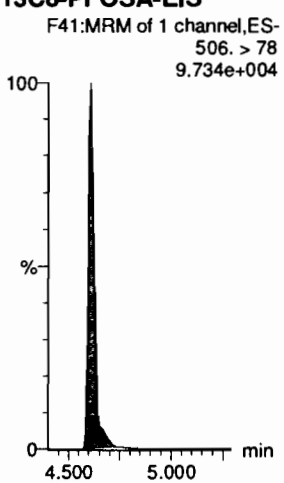
8:2 FTS



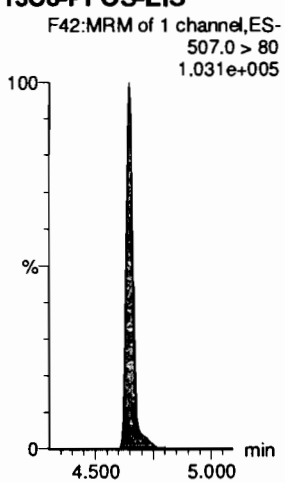
13C5-PFNA-EIS



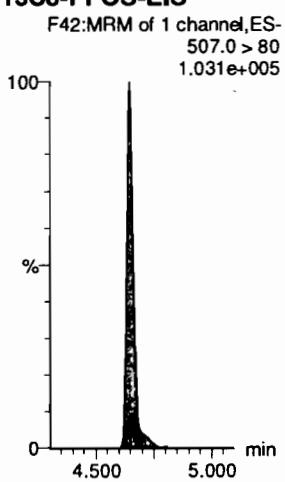
13C8-PFOSA-EIS



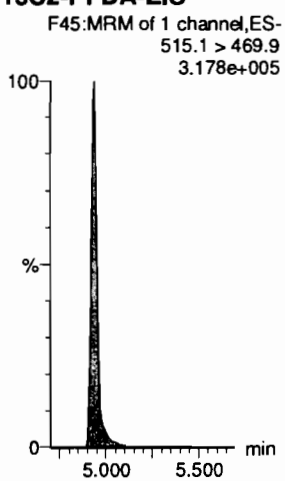
13C8-PFOS-EIS



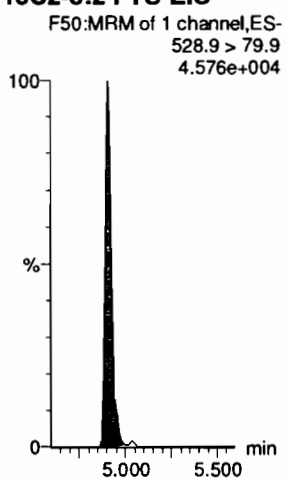
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

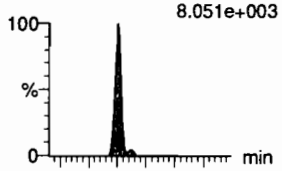


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

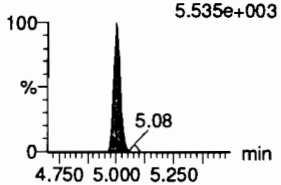
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

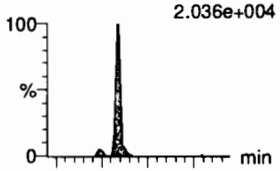
PFNS
F53:MRM of 2 channels,ES-
549.0 > 79.9
8.051e+003



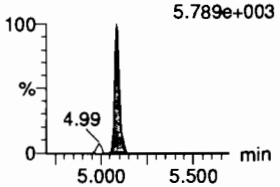
F53:MRM of 2 channels,ES-
549.0 > 98.9
5.535e+003



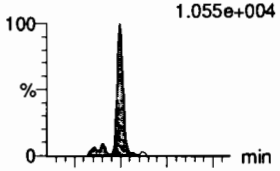
L-MeFOSAA
F56:MRM of 2 channels,ES-
570 > 419
2.036e+004



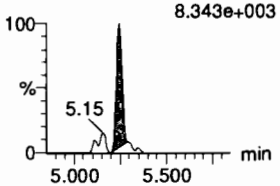
F56:MRM of 2 channels,ES-
570. > 512
5.789e+003



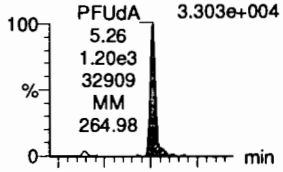
L-EtFOSAA
F59:MRM of 2 channels,ES-
583.6 > 418.9
1.055e+004



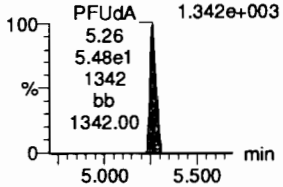
F59:MRM of 2 channels,ES-
583.6 > 525.9
8.343e+003



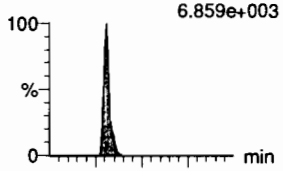
PFUdA
F54:MRM of 2 channels,ES-
563.0 > 518.9
3.303e+004



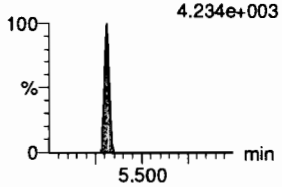
F54:MRM of 2 channels,ES-
563.0 > 269
1.342e+003



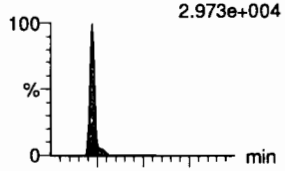
PFDS
F61:MRM of 2 channels,ES-
599.0 > 80.0
6.859e+003



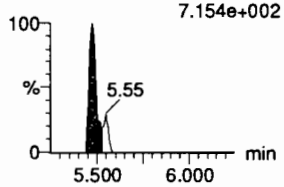
F61:MRM of 2 channels,ES-
599.0 > 99.0
4.234e+003



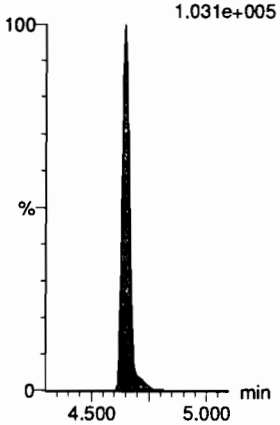
11Cl-PF30UdS
F68:MRM of 2 channels,ES-
630.9 > 450.9
2.973e+004



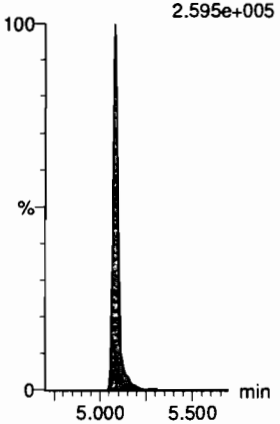
F68:MRM of 2 channels,ES-
630.9 > 83.
7.154e+002



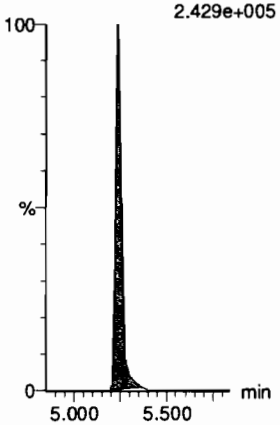
13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.0 > 80
1.031e+005



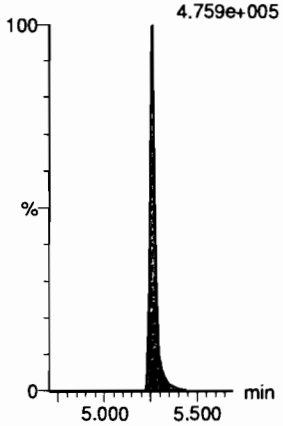
d3-N-MeFOSAA-EIS
F58:MRM of 1 channel,ES-
573. > 419
2.595e+005



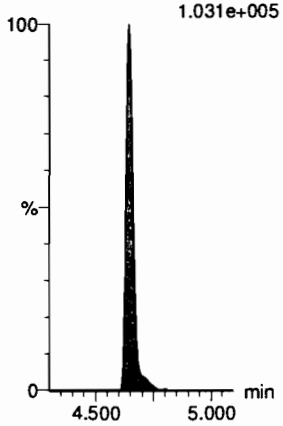
d5-N-EtFOSAA-EIS
F60:MRM of 1 channel,ES-
589. > 419
2.429e+005



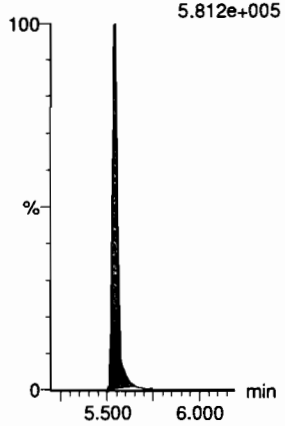
13C2-PFUdA-EIS
F55:MRM of 1 channel,ES-
565 > 519.8
4.759e+005



13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.0 > 80
1.031e+005



13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
615 > 570
5.812e+005

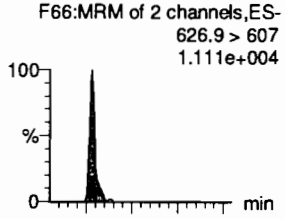


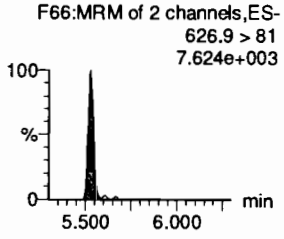
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

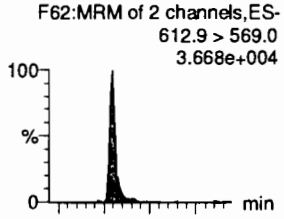
Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

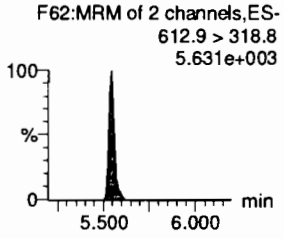
10:2 FTS



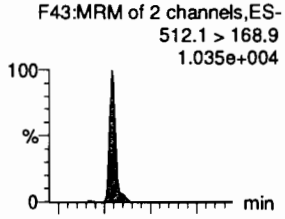


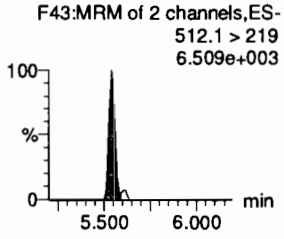
PFDoA



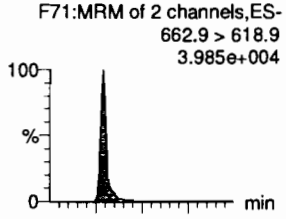


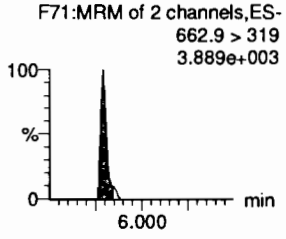
N-MeFOSA



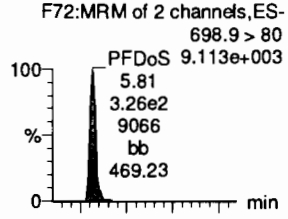


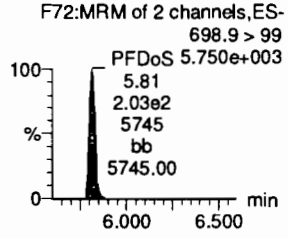
PFTrDA



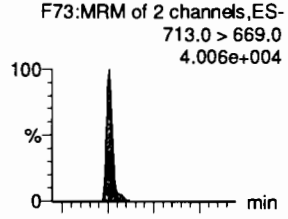


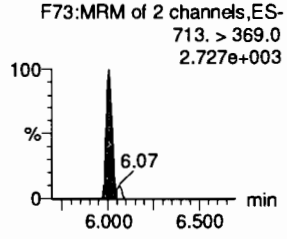
PFDoS



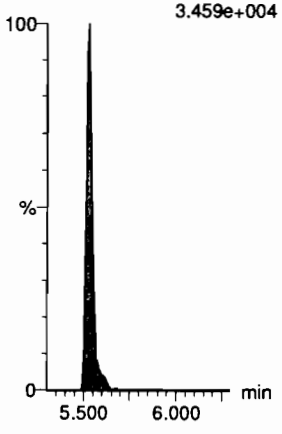


PFTeDA

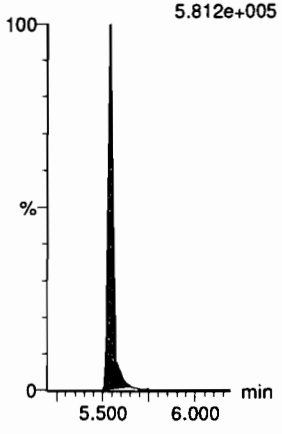




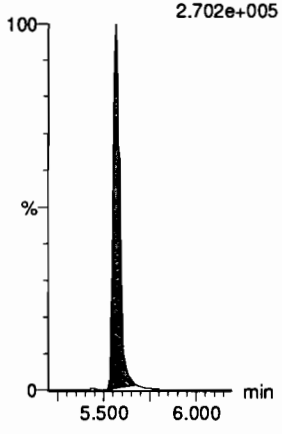
13C2-10:2 FTS-EIS



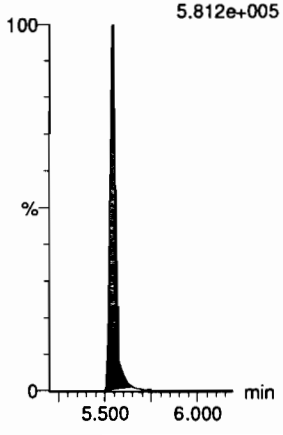
13C2-PFDoA-EIS



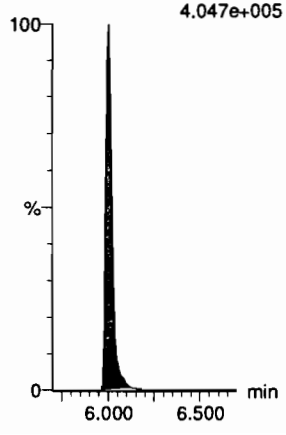
d3-N-MeFOSA-EIS



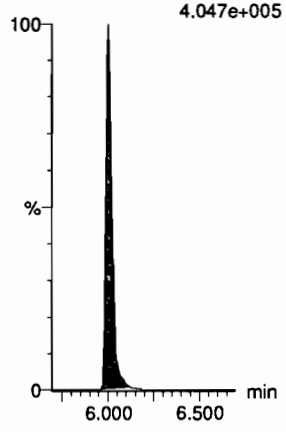
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

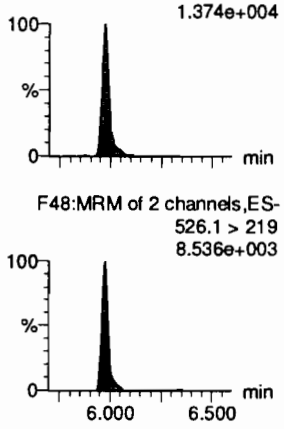


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

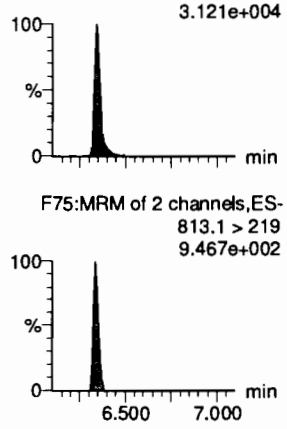
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

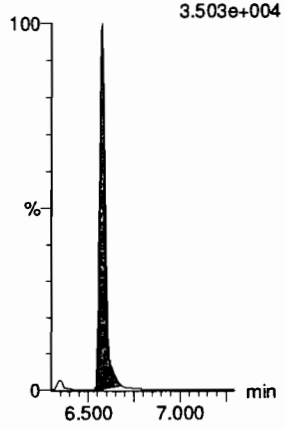
N-EtFOSA



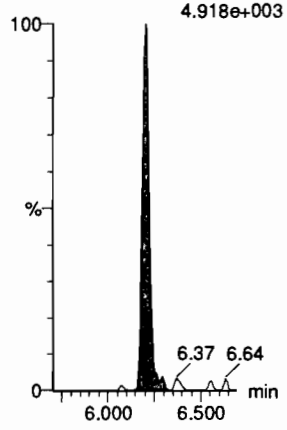
PFHxDA



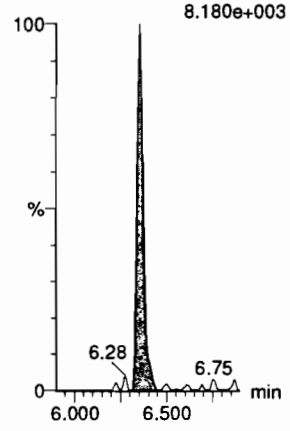
PFODA



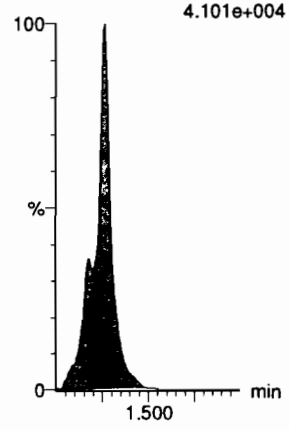
N-MeFOSE



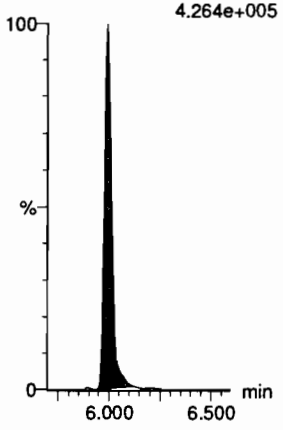
N-EtFOSE



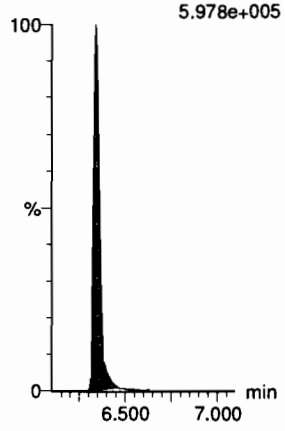
13C3-PFBA-RSD



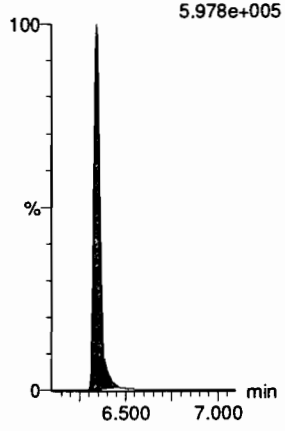
d5-N-ETFOSA-EIS



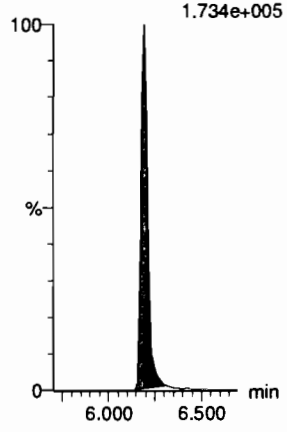
13C2-PFHxDA-EIS



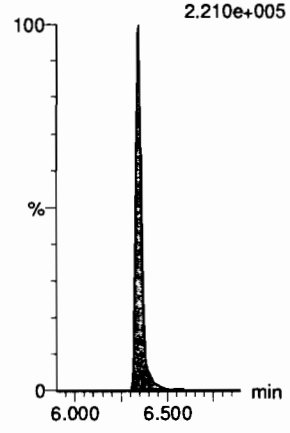
13C2-PFHxDA-EIS



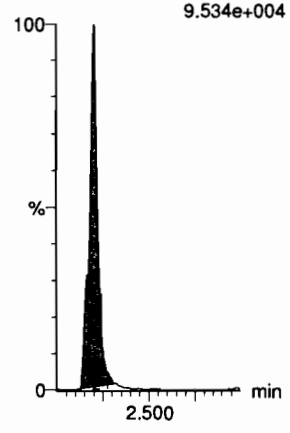
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

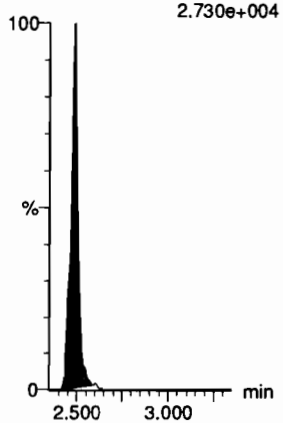


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

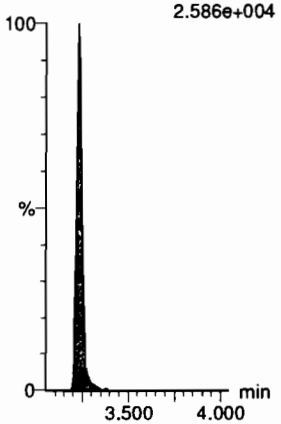
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

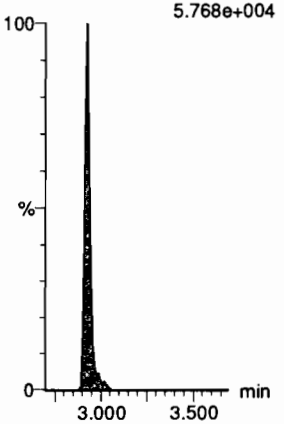
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.730e+004



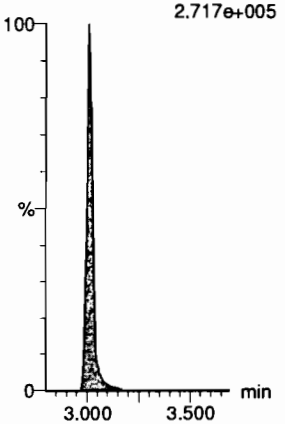
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.586e+004



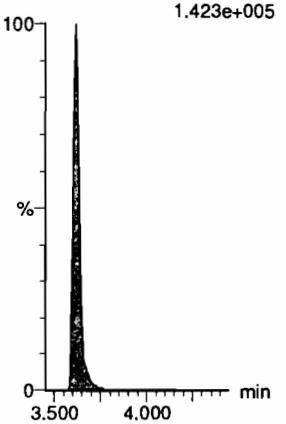
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.768e+004



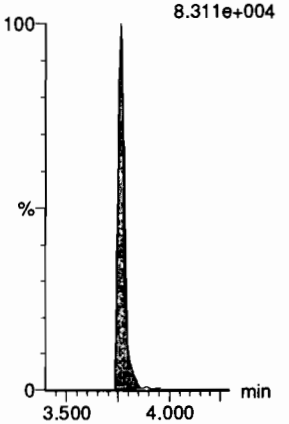
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.717e+005



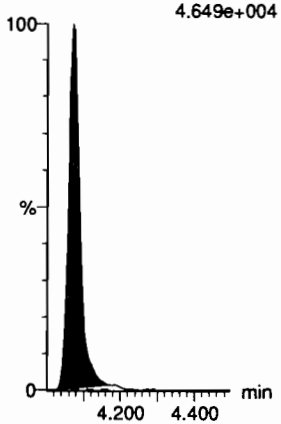
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.423e+005



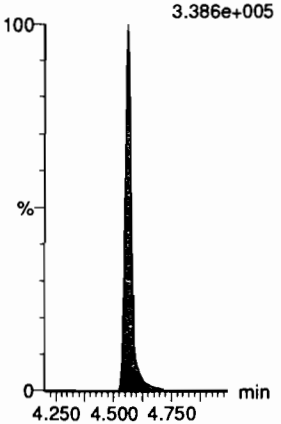
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.311e+004



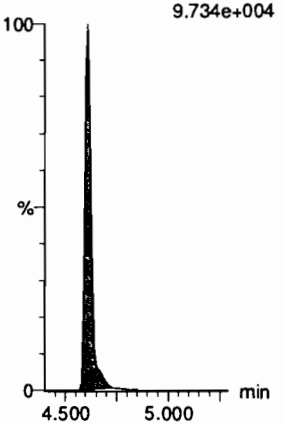
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.649e+004



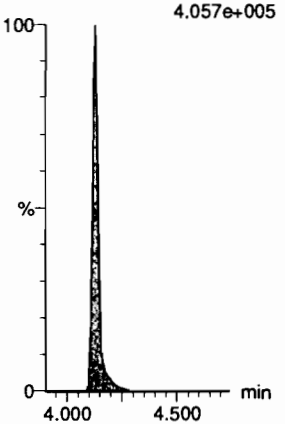
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.386e+005



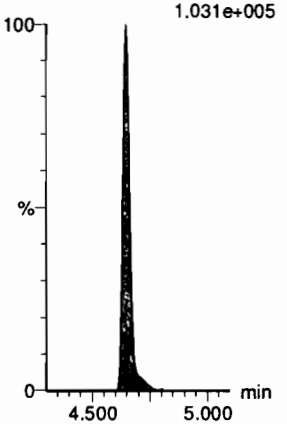
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
9.734e+004



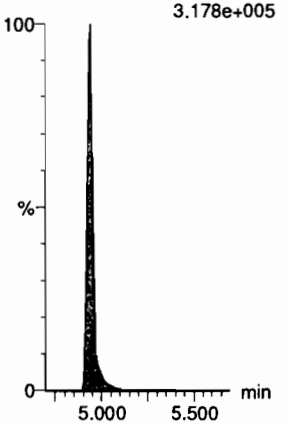
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.057e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.031e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.178e+005

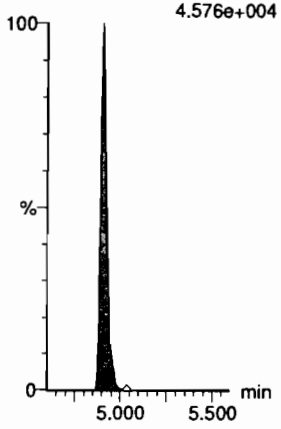


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

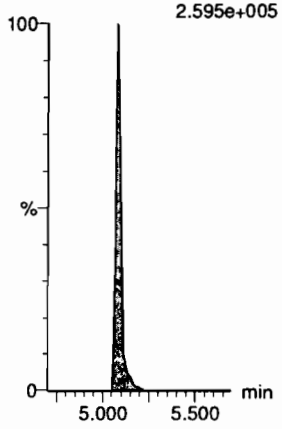
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

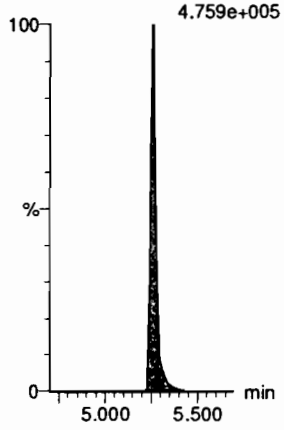
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.576e+004



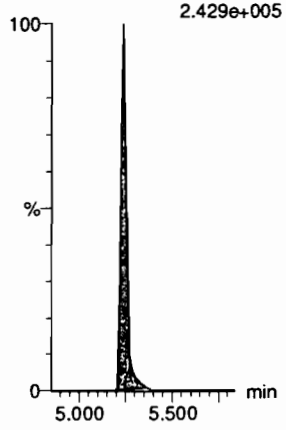
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.595e+005



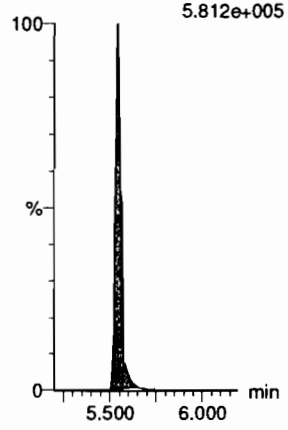
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.759e+005



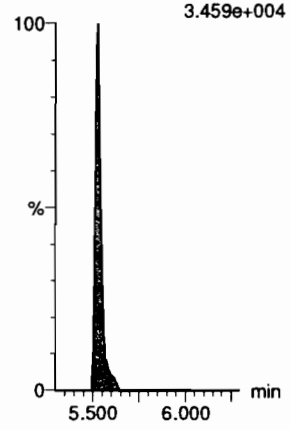
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.429e+005



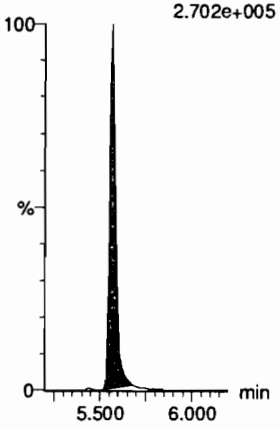
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.812e+005



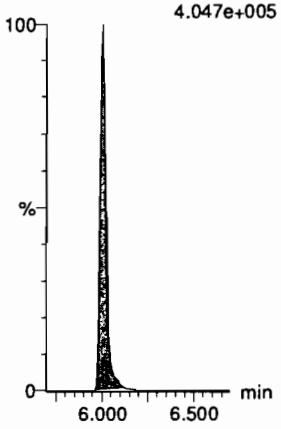
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
3.459e+004



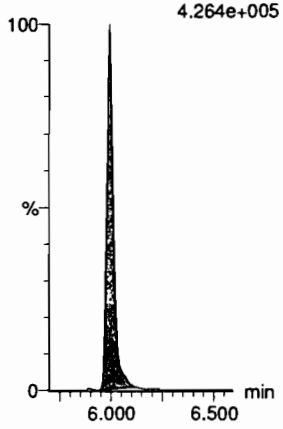
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.702e+005



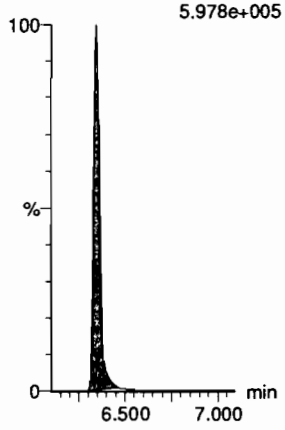
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.047e+005



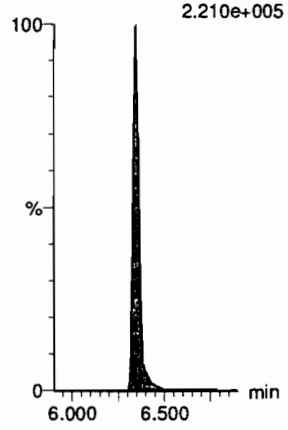
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.264e+005



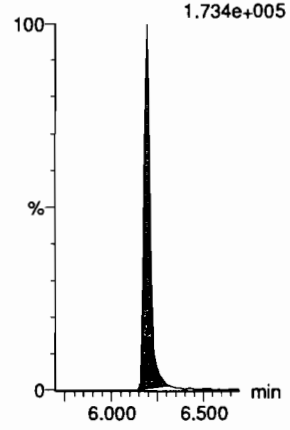
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.978e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.210e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.734e+005

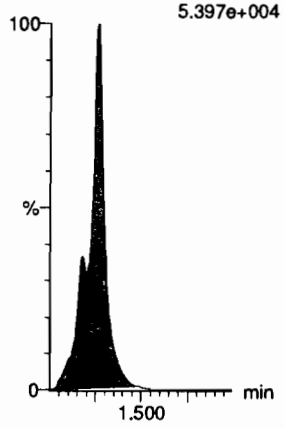


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

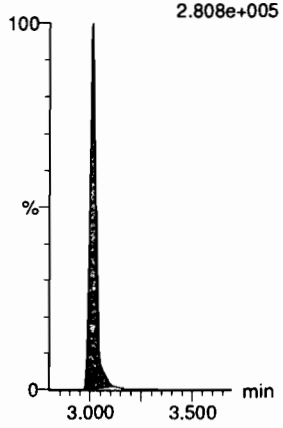
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_5, Date: 08-Jun-2020, Time: 15:44:16, ID: ST200608M1-3 PFC CS0 20F0201, Description: PFC CS0 20F0201

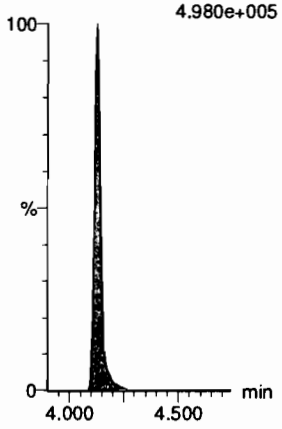
13C4-PFBA



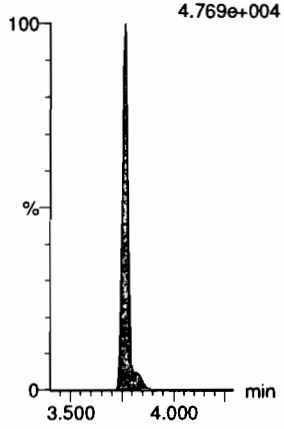
13C5-PFHxA



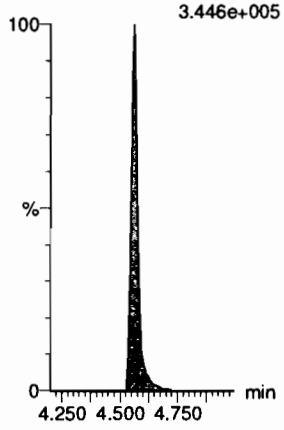
13C8-PFOA



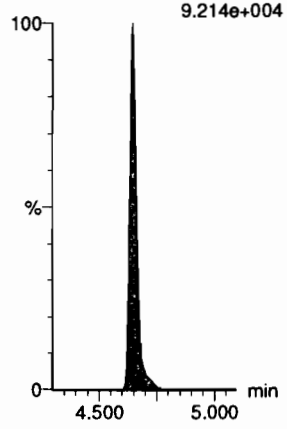
18O2-PFHxS



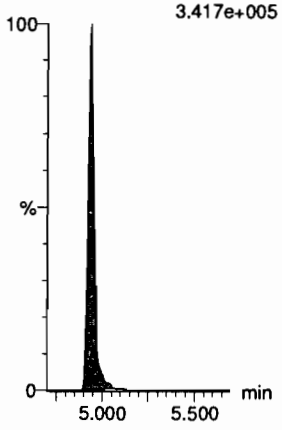
13C9-PFNA



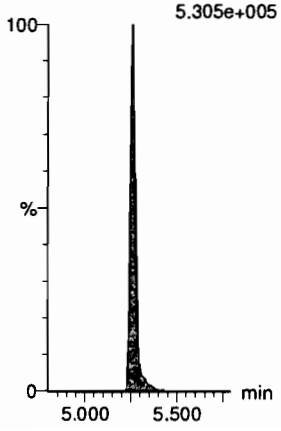
13C4-PFOS



13C6-PFDA



13C7-PFUdA

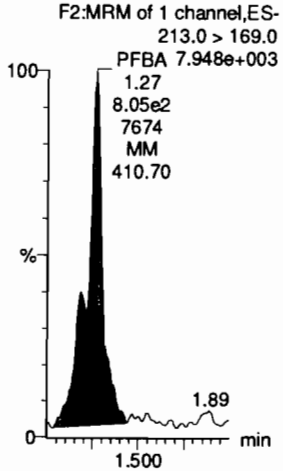


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

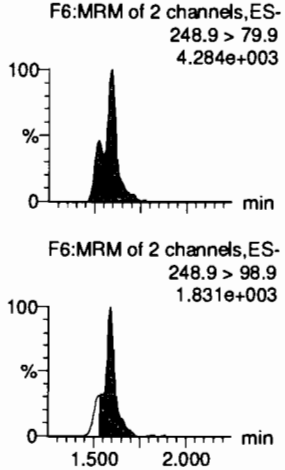
Last Altered: Tuesday, June 09, 2020 09:51:16 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:51:38 Pacific Daylight Time

Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

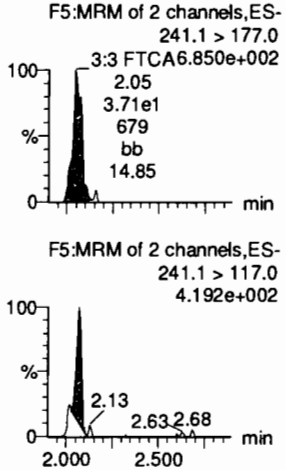
PFBA



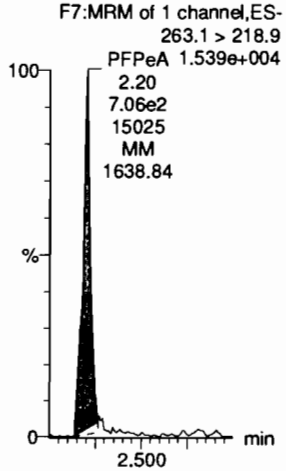
PFPrS



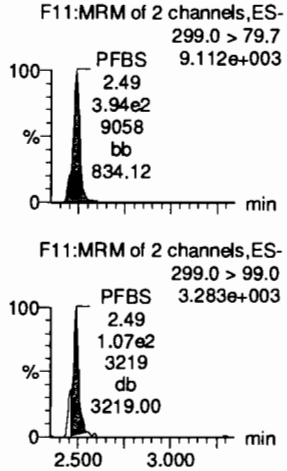
3:3 FTCA



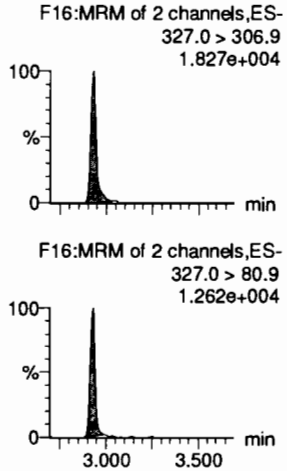
PFPeA



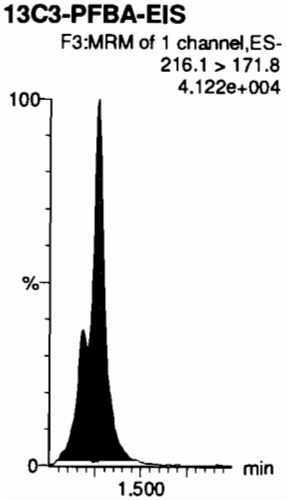
PFBS



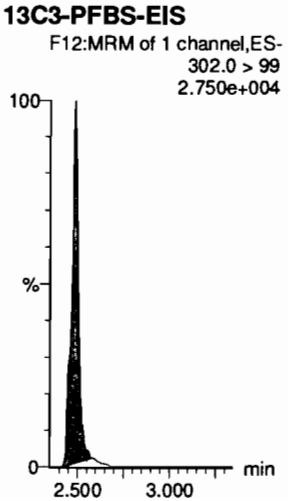
4:2 FTS



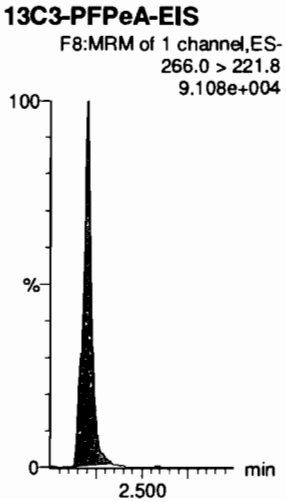
13C3-PFBA-EIS



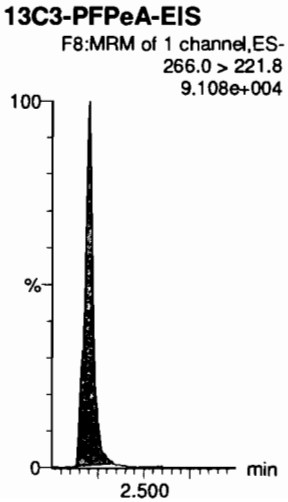
13C3-PFBS-EIS



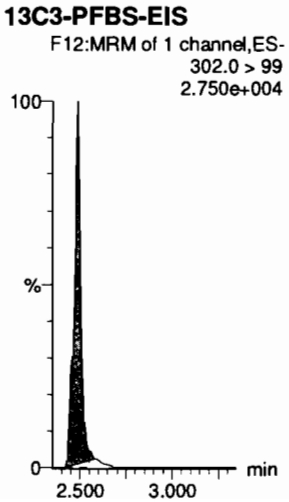
13C3-PFPeA-EIS



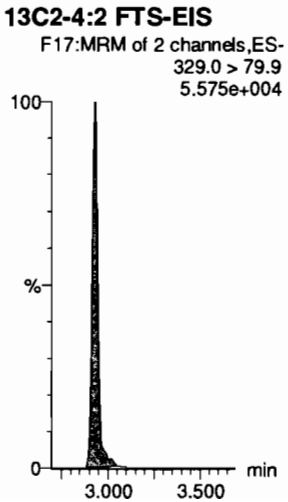
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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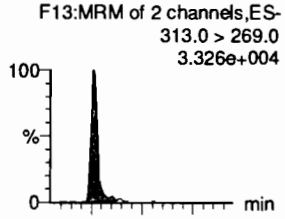
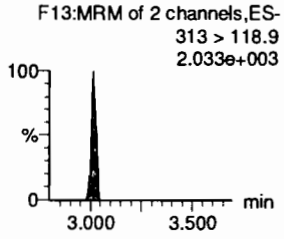
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

PFHxA





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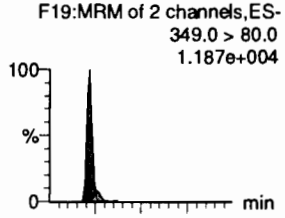
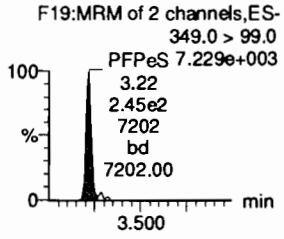
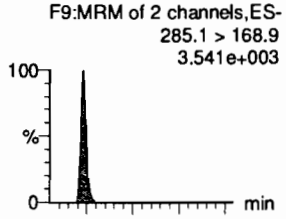
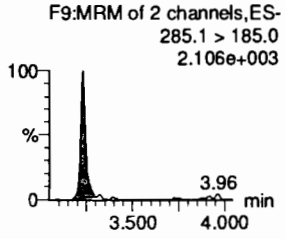


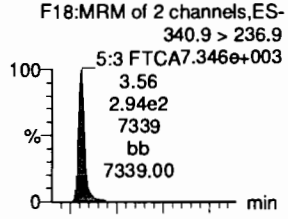


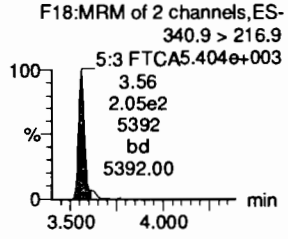
HFPO-DA



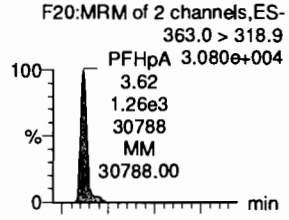


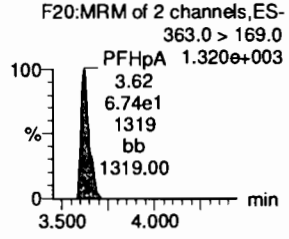
5:3 FTCA





PFHpA





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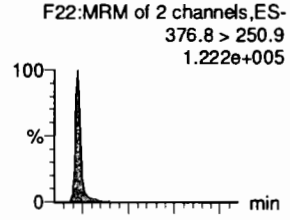
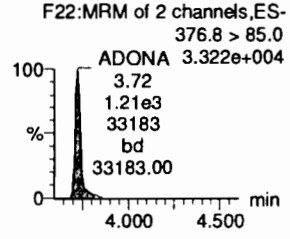
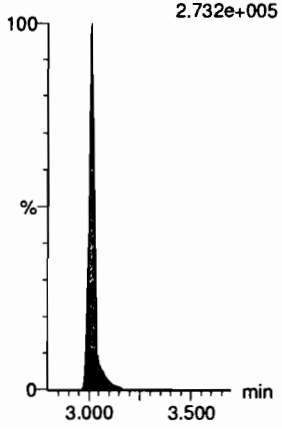
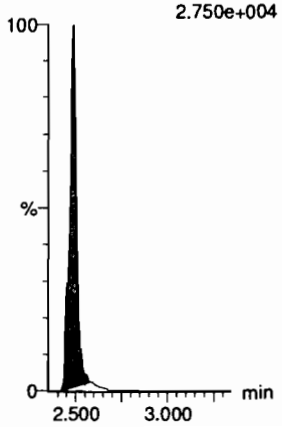




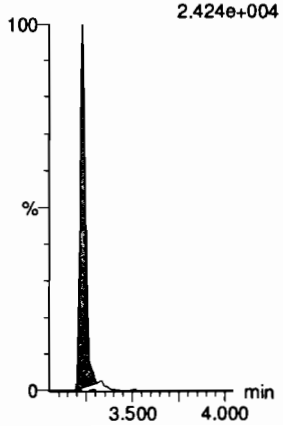
13C2-PFHxA-EIS



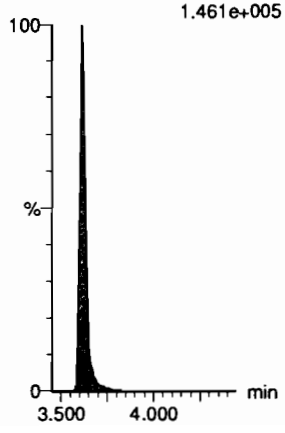
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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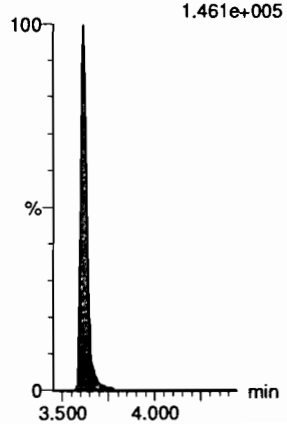

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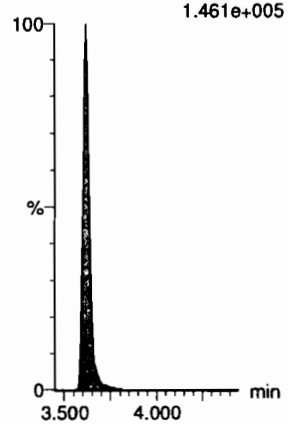

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Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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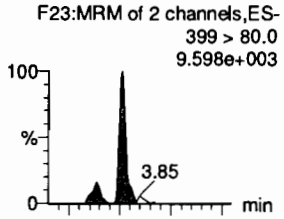
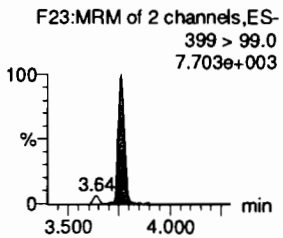
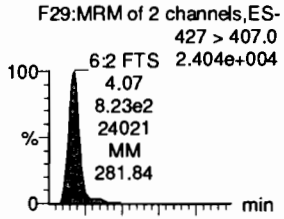
Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

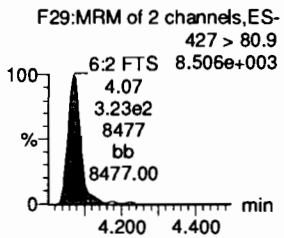
L-PFHxS





6:2 FTS





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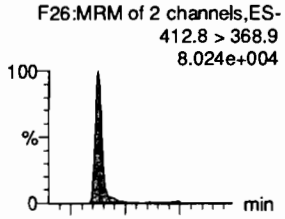

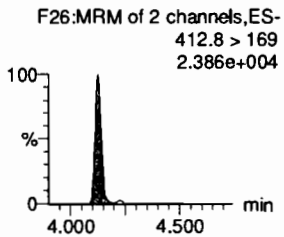

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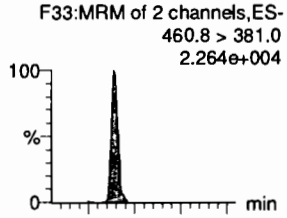

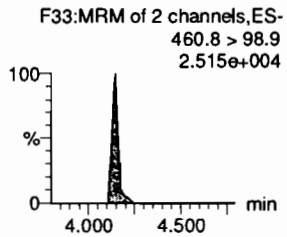

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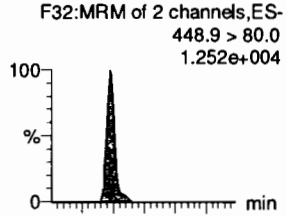
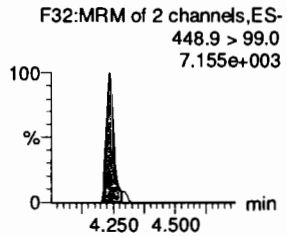
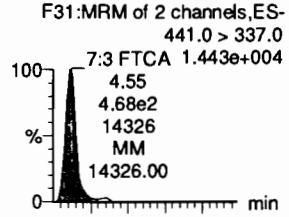
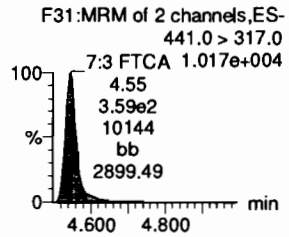


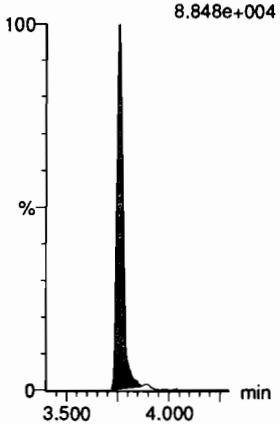


7:3 FTCA

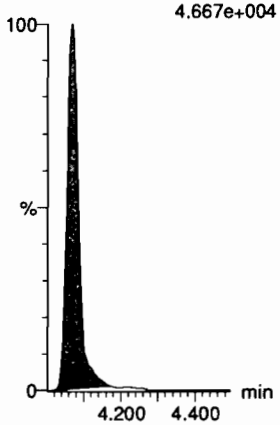




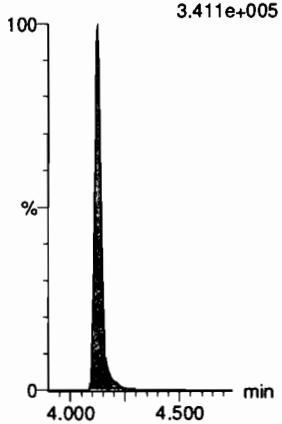
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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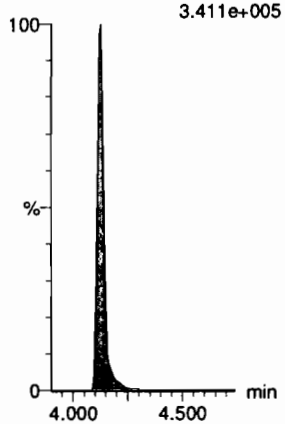
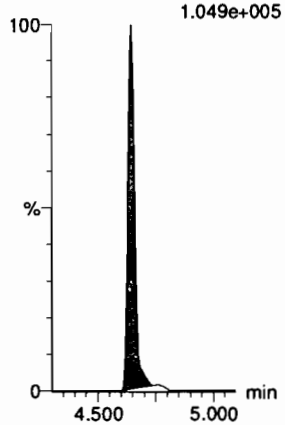
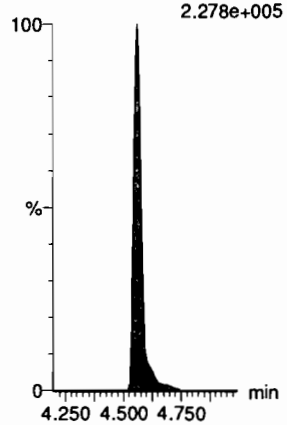


13C8-PFOS-EIS



13C5-PFNA-EIS



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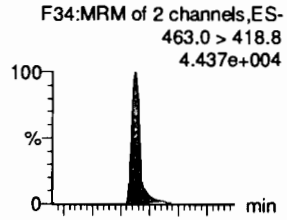

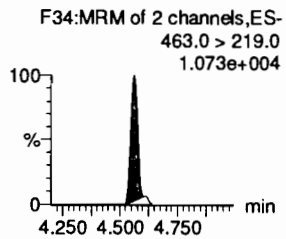

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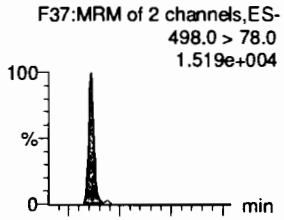
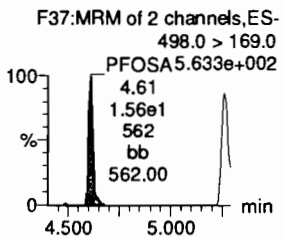
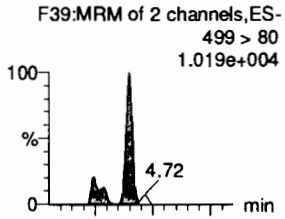
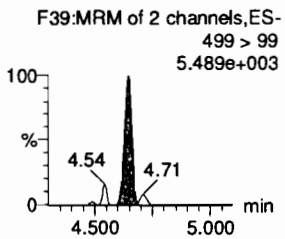


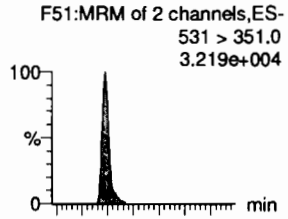


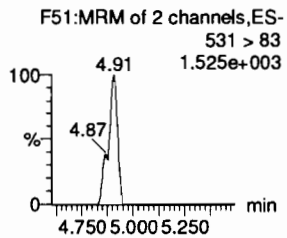
L-PFOS



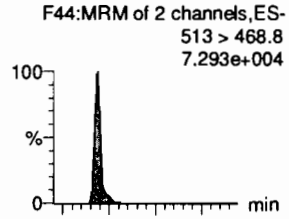


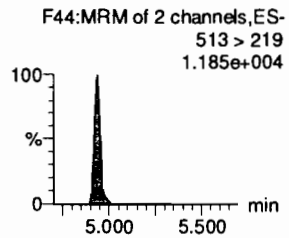
9Cl-PF30NS



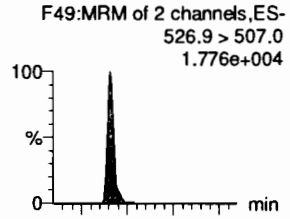


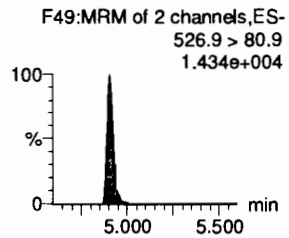
PFDA



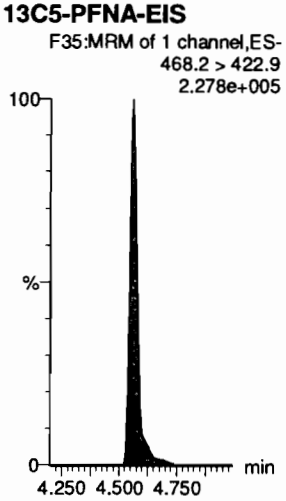


8:2 FTS

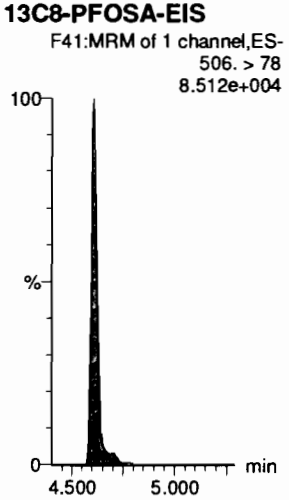




13C5-PFNA-EIS



13C8-PFOSA-EIS



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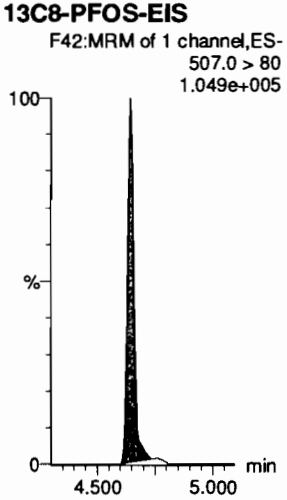

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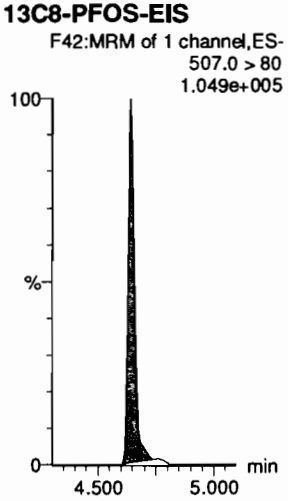
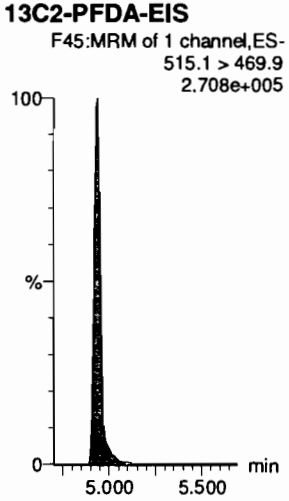
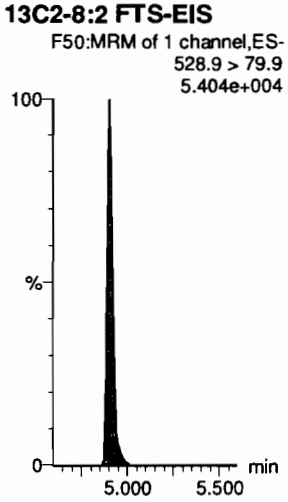


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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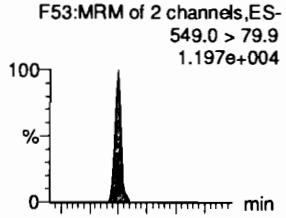
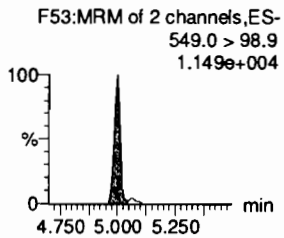
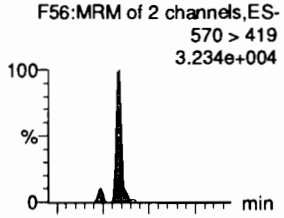
Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

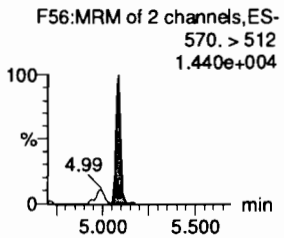
PFNS



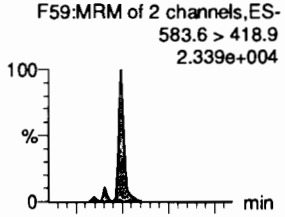


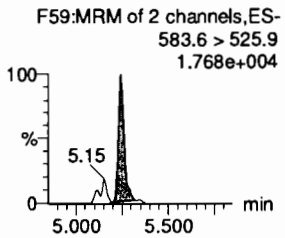
L-MeFOSAA



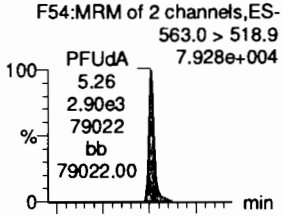


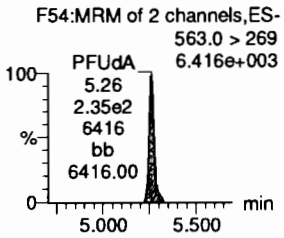
L-EtFOSAA



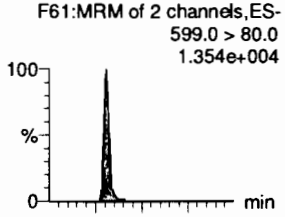


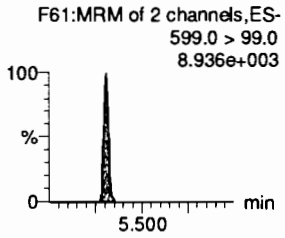
PFUdA



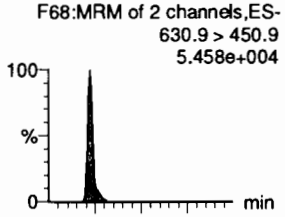


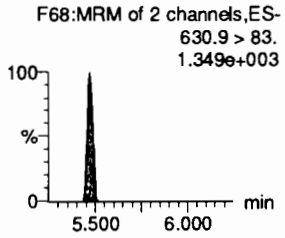
PFDS



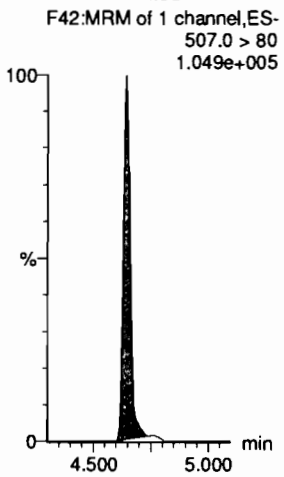


11Cl-PF30UdS

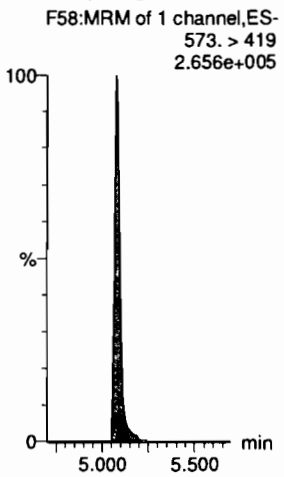




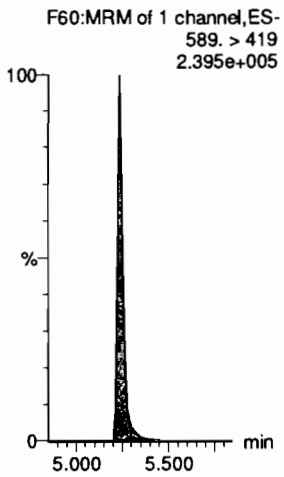
13C8-PFOS-EIS



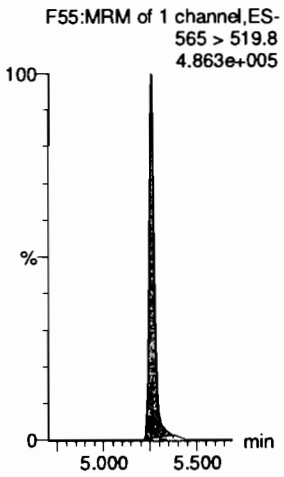
d3-N-MeFOSAA-EIS



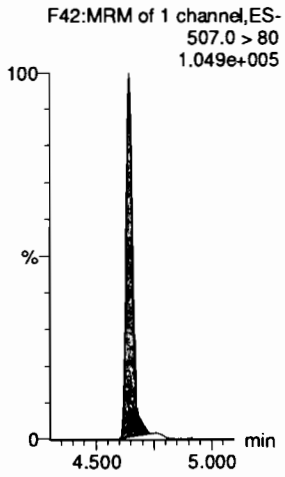
d5-N-EtFOSAA-EIS



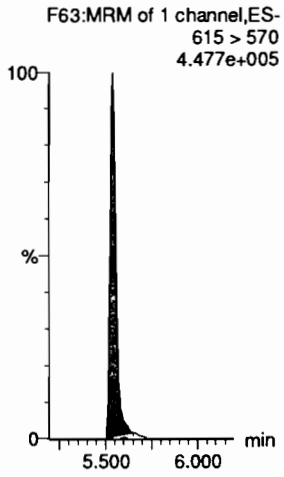
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

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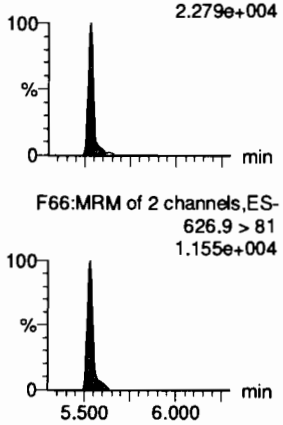
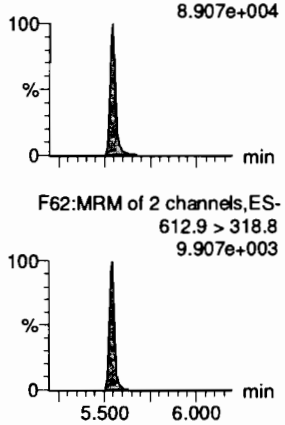
Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

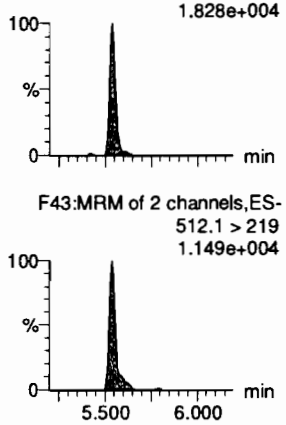
10:2 FTS



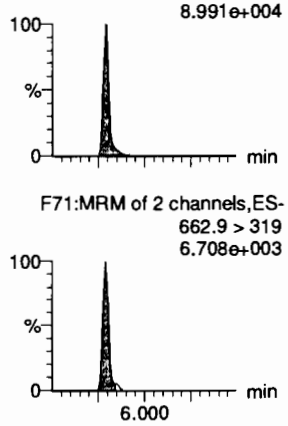
PFDoA



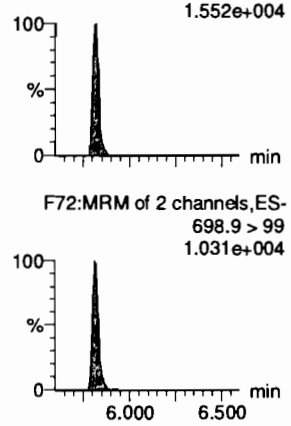
N-MeFOSA



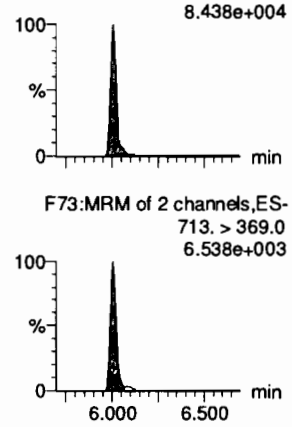
PFTrDA



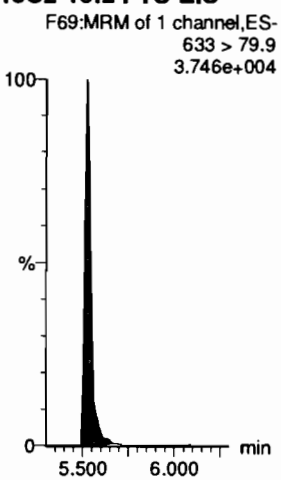
PFDoS



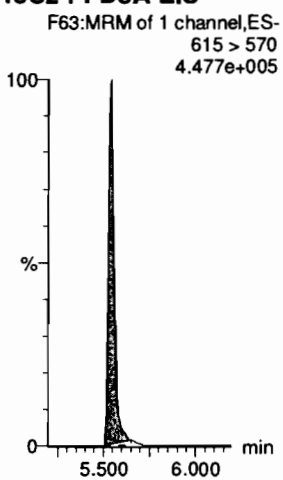
PFTeDA



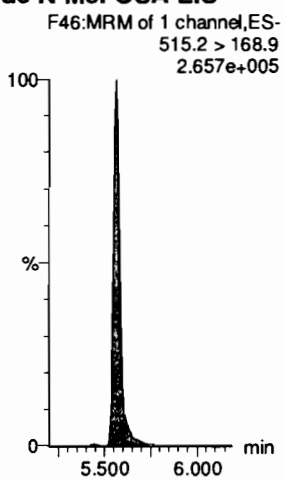
13C2-10:2 FTS-EIS



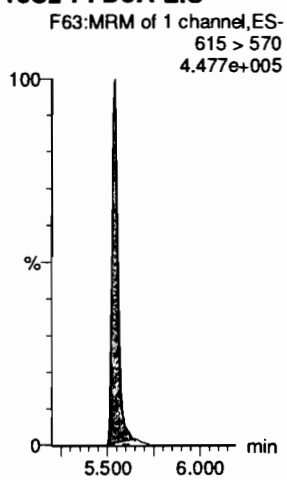
13C2-PFDoA-EIS



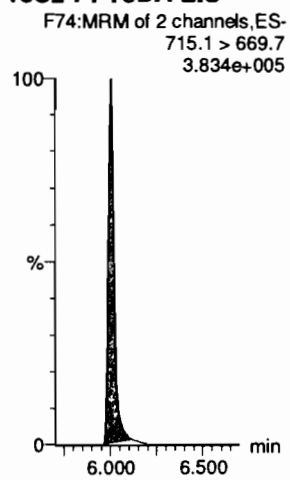
d3-N-MeFOSA-EIS



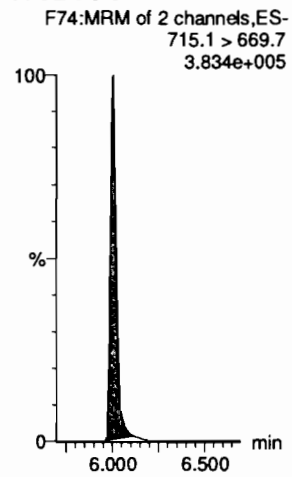
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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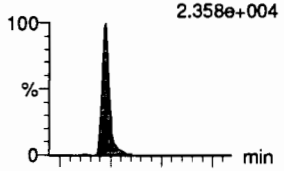
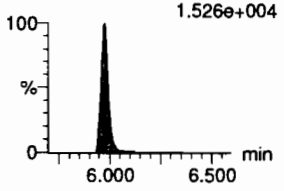
Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

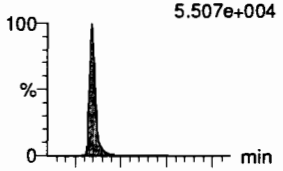
N-EtFOSA
F48:MRM of 2 channels,ES-
526.1 > 168.9
2.358e+004



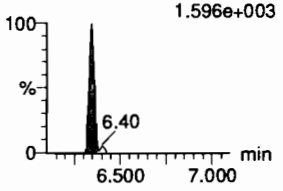
F48:MRM of 2 channels,ES-
526.1 > 219
1.526e+004



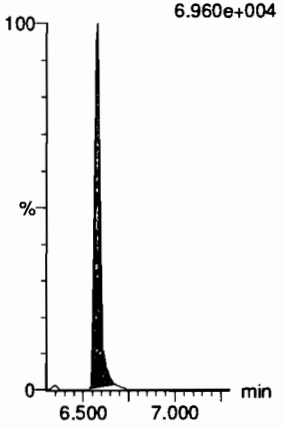
PFHxDA
F75:MRM of 2 channels,ES-
813.1 > 768.6
5.507e+004



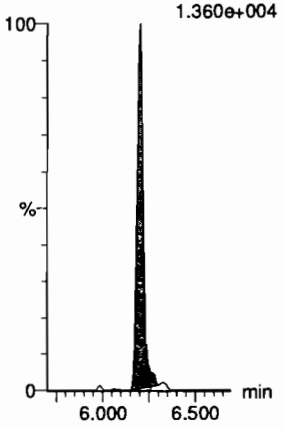
F75:MRM of 2 channels,ES-
813.1 > 219
1.596e+003



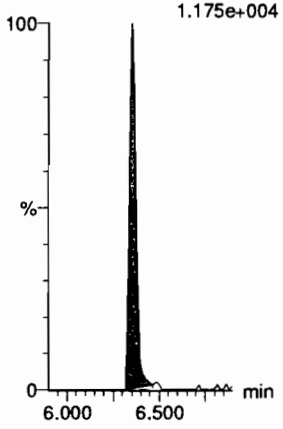
PFODA
F77:MRM of 1 channel,ES-
913.1 > 868.8
6.960e+004



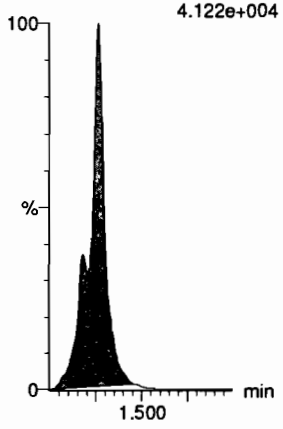
N-MeFOSE
F64:MRM of 1 channel,ES-
616.1 > 58.9
1.360e+004



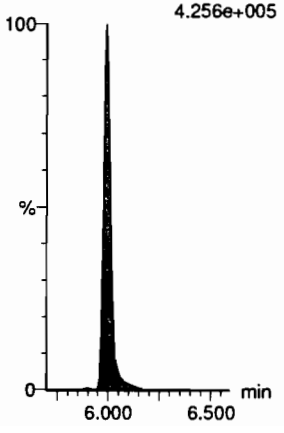
N-EtFOSE
F67:MRM of 1 channel,ES-
630.1 > 58.9
1.175e+004



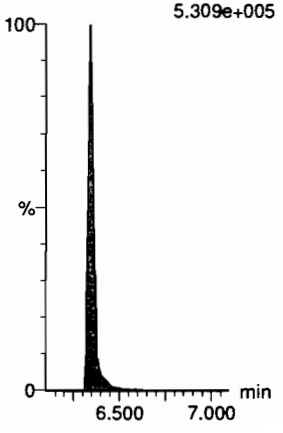
13C3-PFBA-RSD
F3:MRM of 1 channel,ES-
216.1 > 171.8
4.122e+004



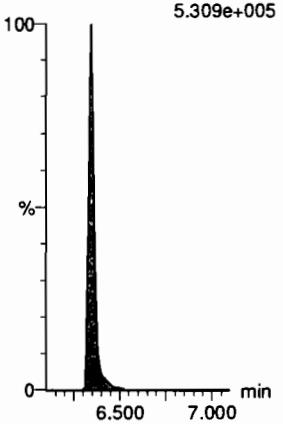
d5-N-ETFOSA-EIS
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.256e+005



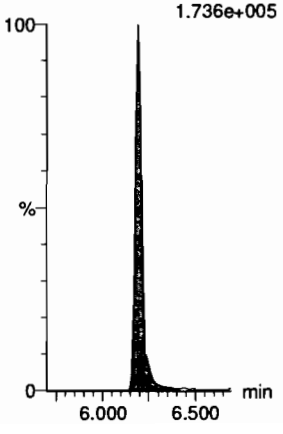
13C2-PFHxDA-EIS
F76:MRM of 1 channel,ES-
815 > 769.7
5.309e+005



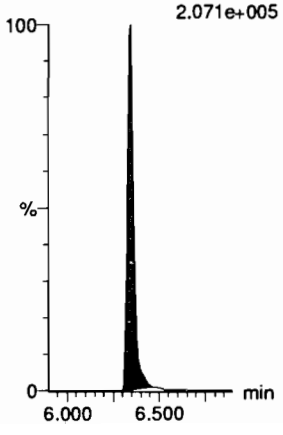
13C2-PFHxDA-EIS
F76:MRM of 1 channel,ES-
815 > 769.7
5.309e+005



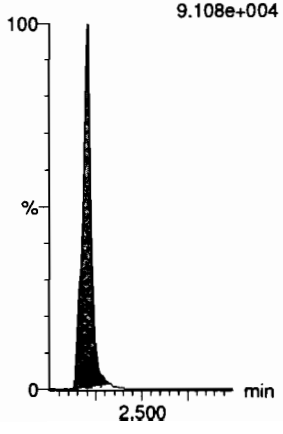
d7-N-MeFOSE-EIS
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.736e+005



d9-N-EtFOSE-EIS
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.071e+005



13C3-PFPeA-RSD
F8:MRM of 1 channel,ES-
266.0 > 221.8
9.108e+004



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

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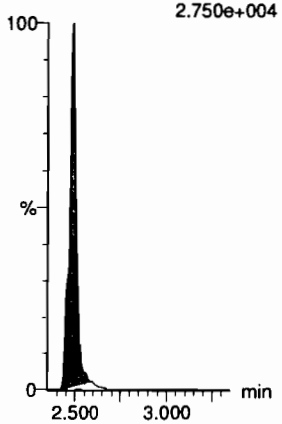
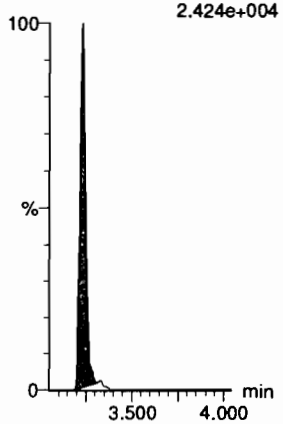
Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

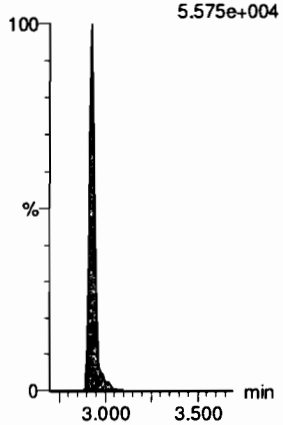
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.750e+004



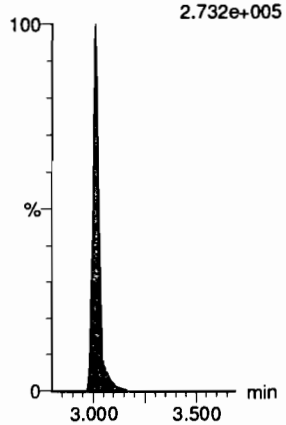
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.424e+004



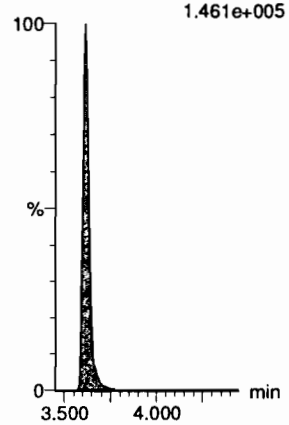
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.575e+004



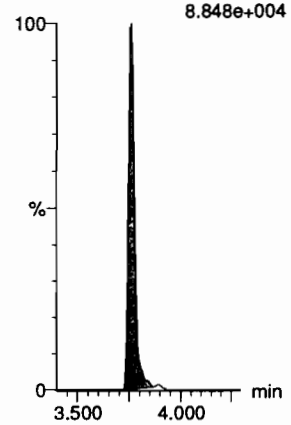
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.732e+005



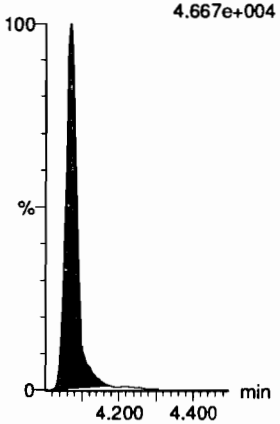
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.461e+005



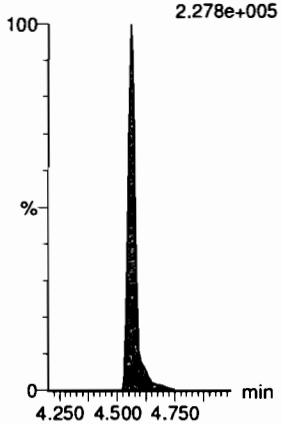
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.848e+004



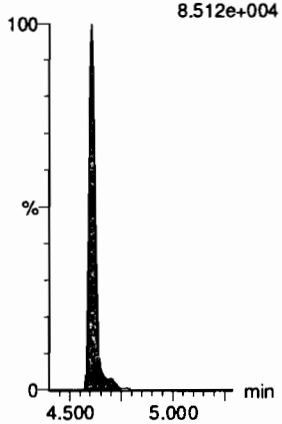
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.667e+004



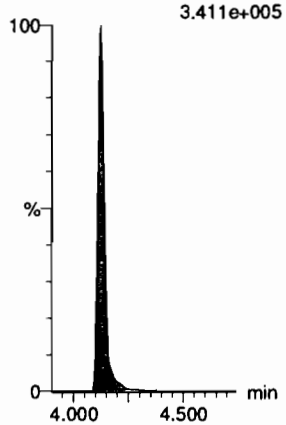
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.278e+005



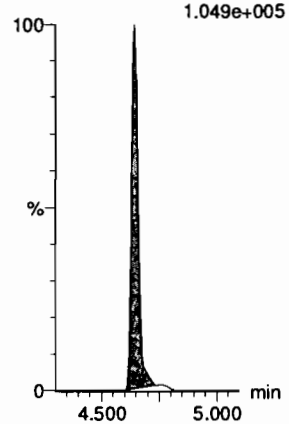
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
8.512e+004



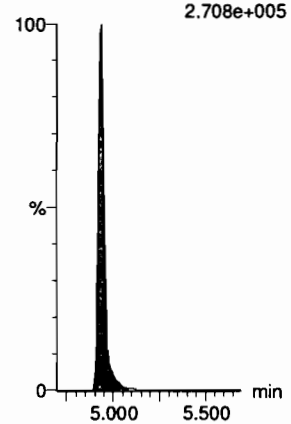
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.411e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.049e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.708e+005

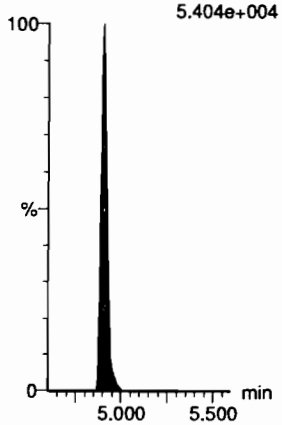


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

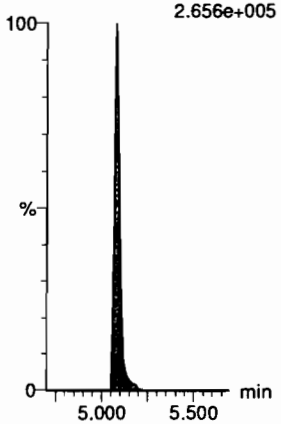
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

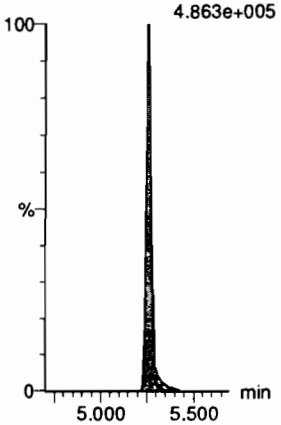
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
5.404e+004



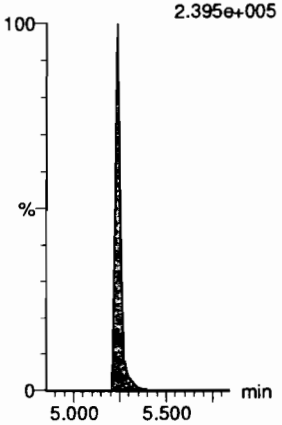
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.656e+005



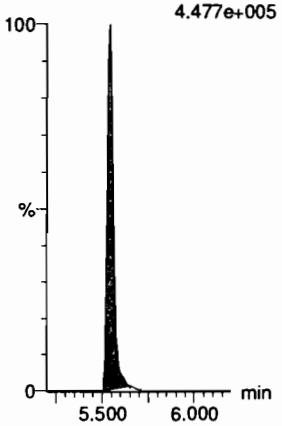
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.863e+005



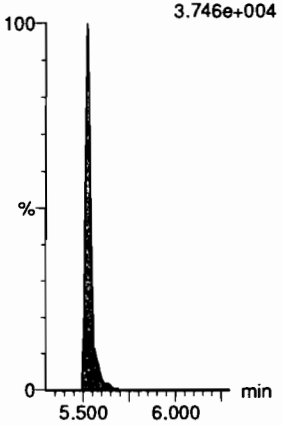
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.395e+005



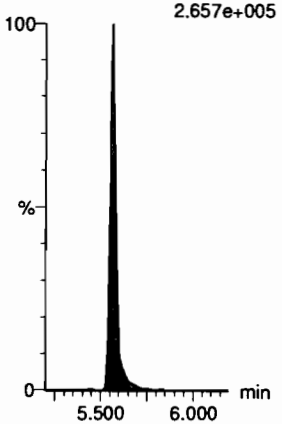
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
4.477e+005



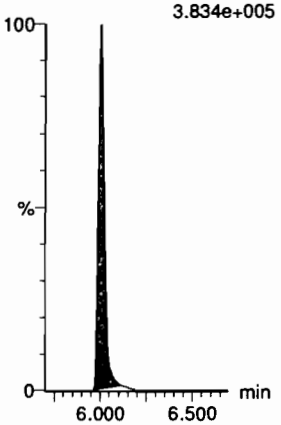
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
3.746e+004



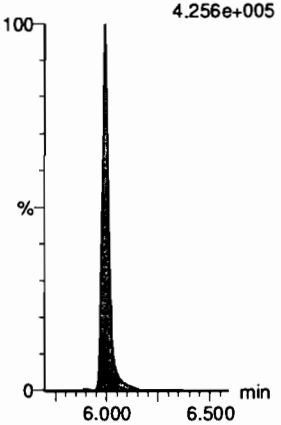
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.657e+005



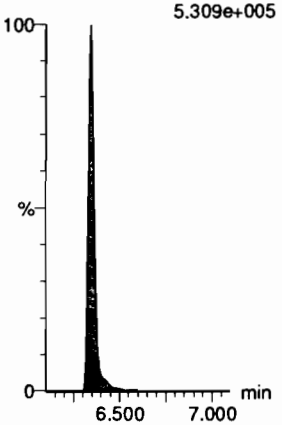
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.834e+005



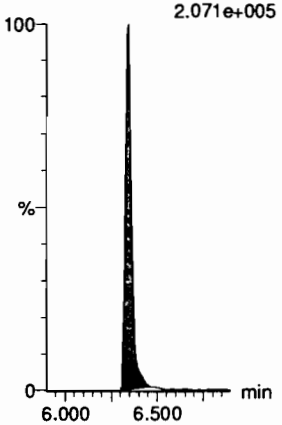
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.256e+005



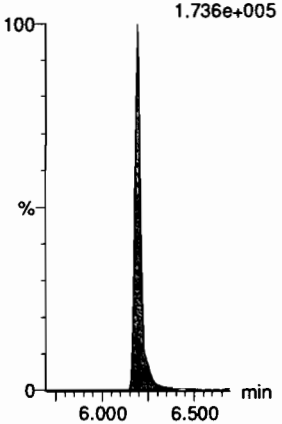
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.309e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.071e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.736e+005

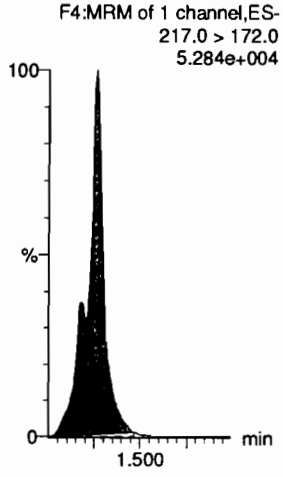


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

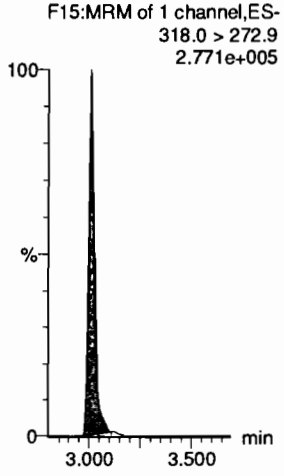
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_6, Date: 08-Jun-2020, Time: 15:54:42, ID: ST200608M1-4 PFC CS1 20E2704, Description: PFC CS1 20E2704

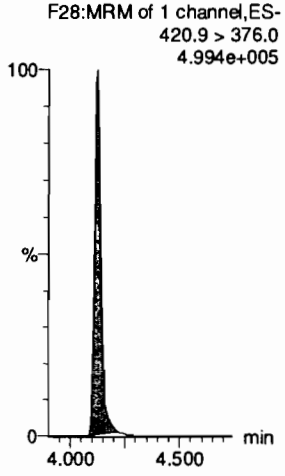
13C4-PFBA



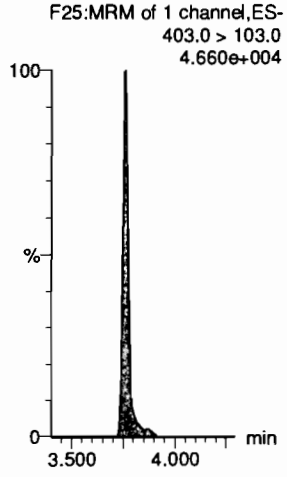
13C5-PFHxA



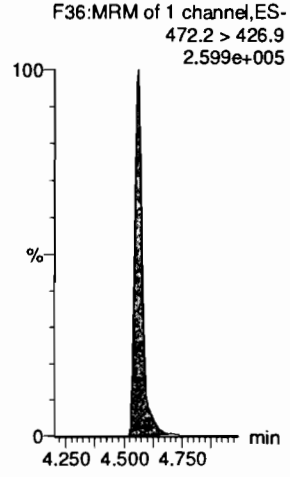
13C8-PFOA



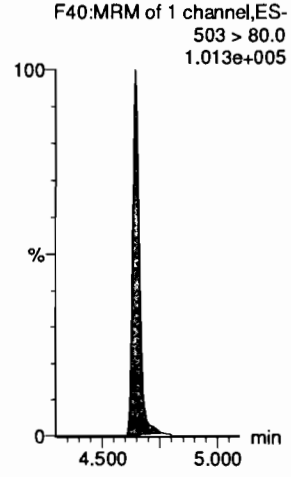
18O2-PFHxS



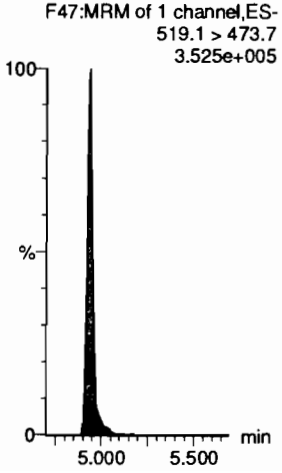
13C9-PFNA



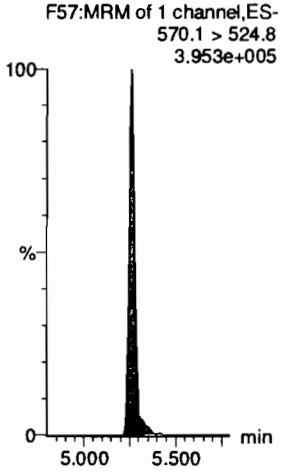
13C4-PFOS



13C6-PFDA



13C7-PFUdA

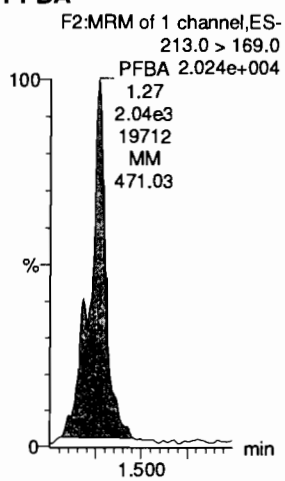


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

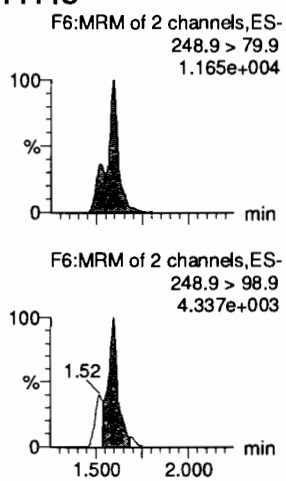
Last Altered: Tuesday, June 09, 2020 09:51:16 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:51:38 Pacific Daylight Time

Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

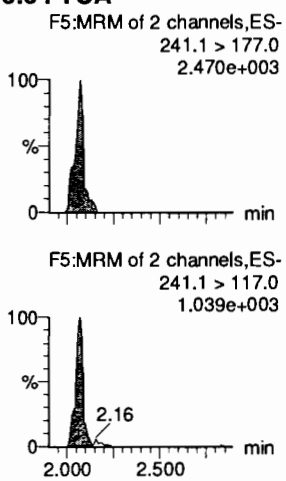
PFBA



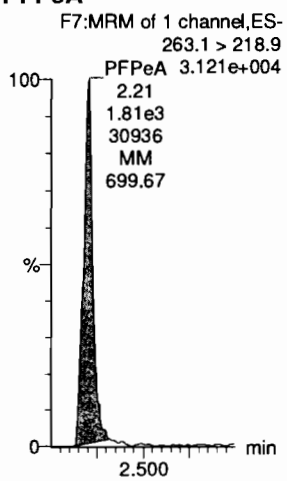
PFPrS



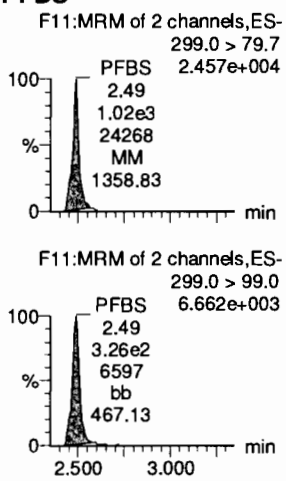
3:3 FTCA



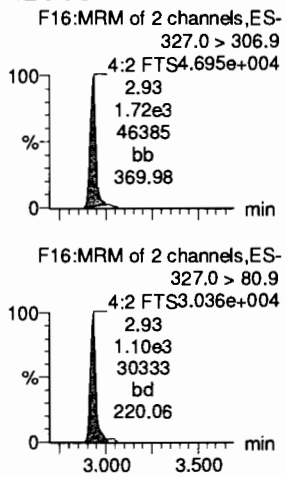
PFPeA



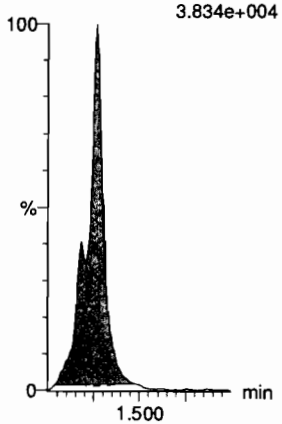
PFBS



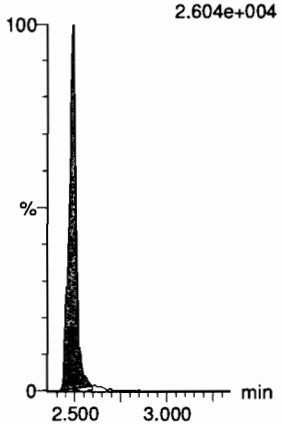
4:2 FTS



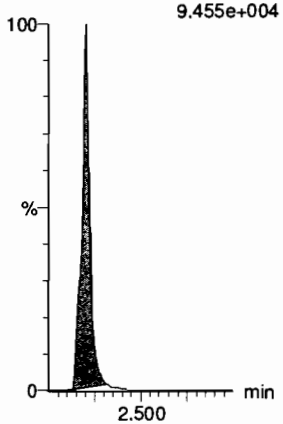
13C3-PFBA-EIS



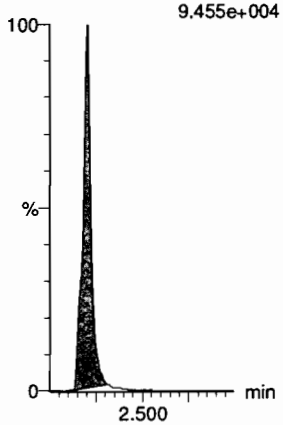
13C3-PFBS-EIS



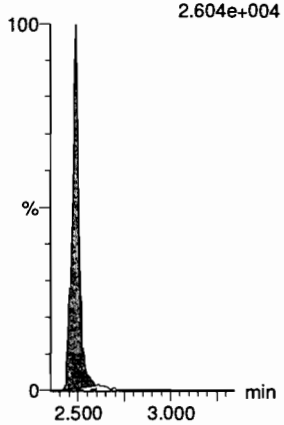
13C3-PFPeA-EIS



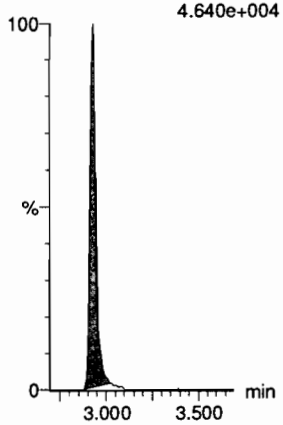
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

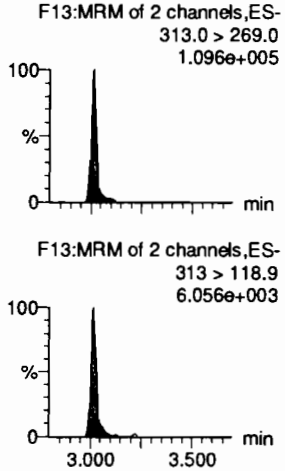


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

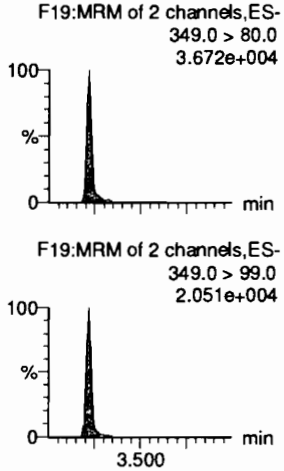
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

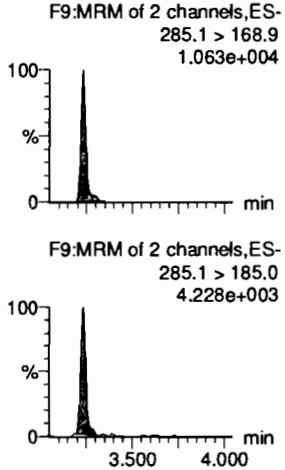
PFHxA



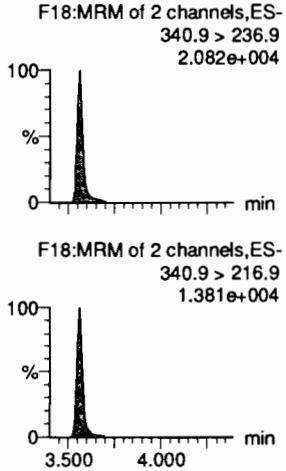
PFPeS



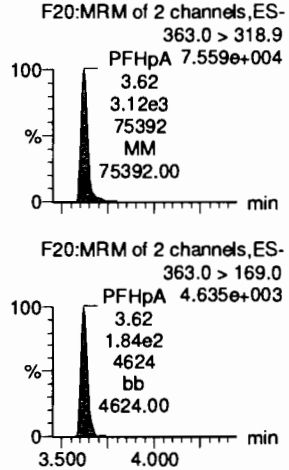
HFPO-DA



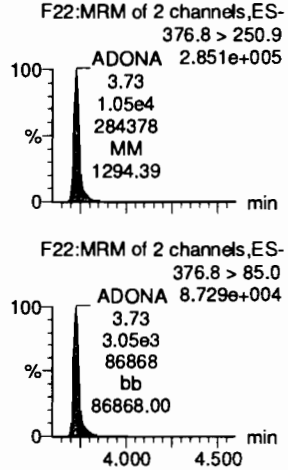
5:3 FTCA



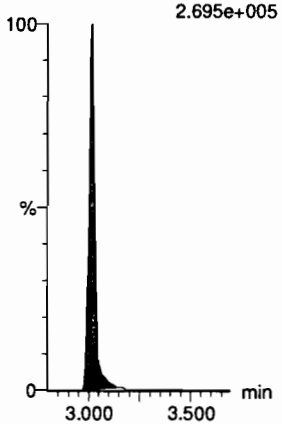
PFHpA



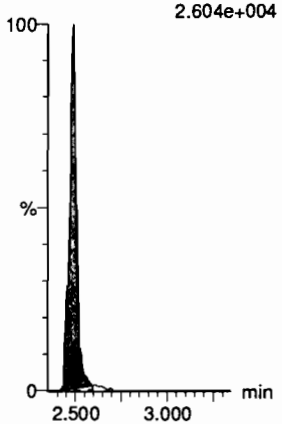
ADONA



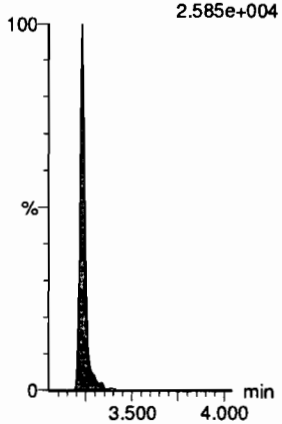
13C2-PFHxA-EIS



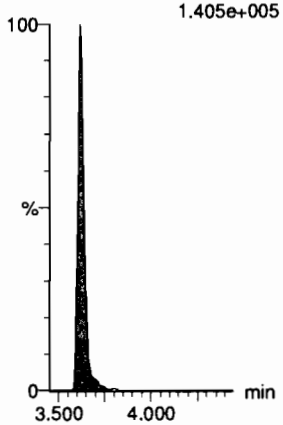
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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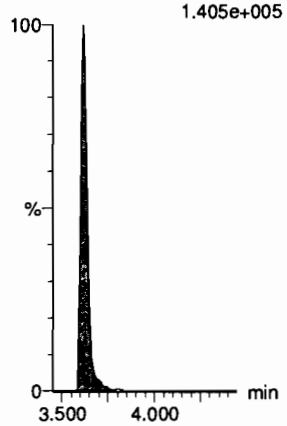
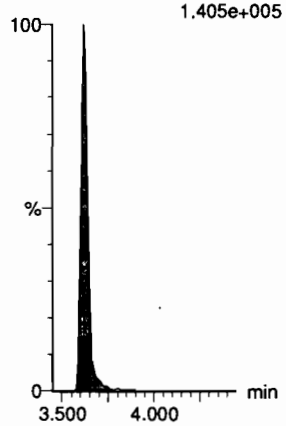


13C4-PFHpA-EIS



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Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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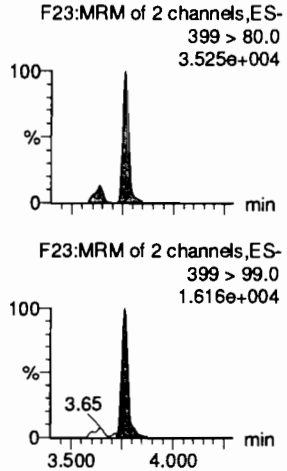
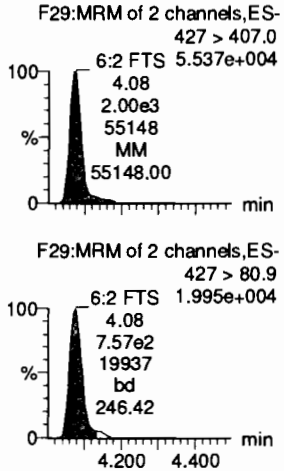
Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

L-PFHxS



6:2 FTS



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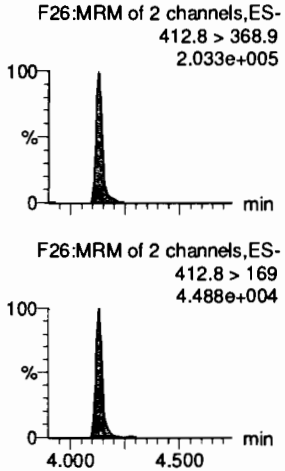

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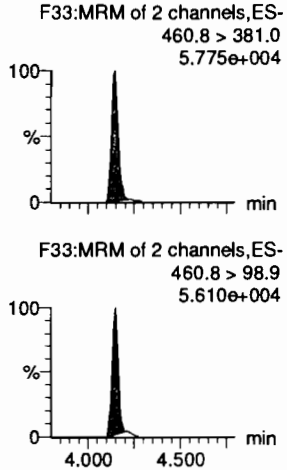

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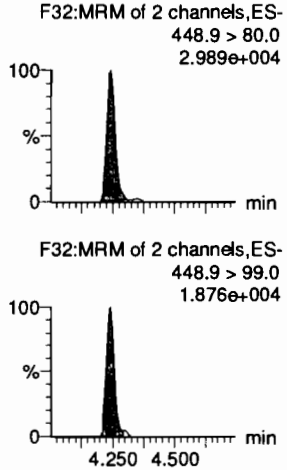
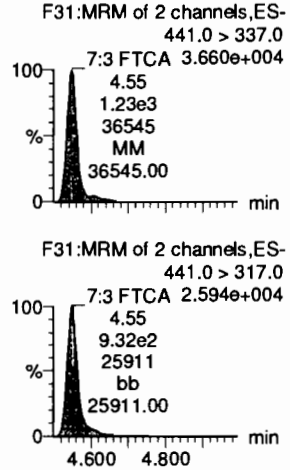
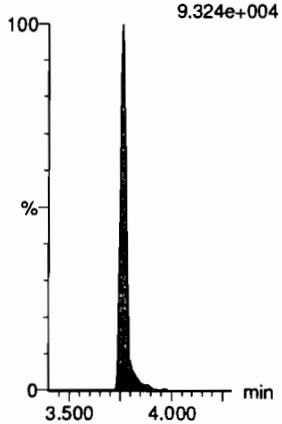


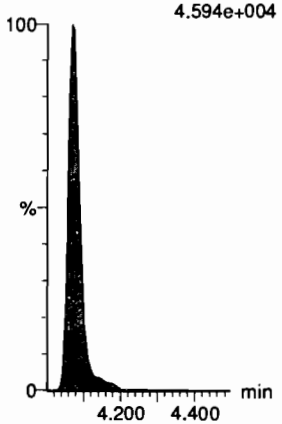
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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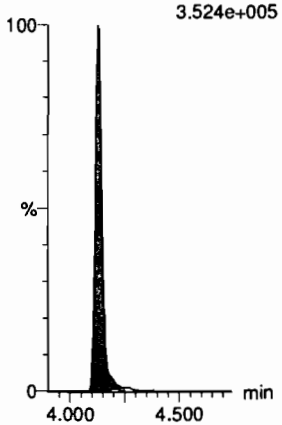

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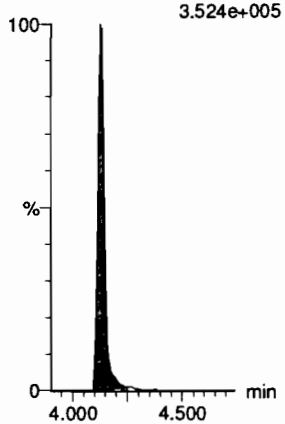
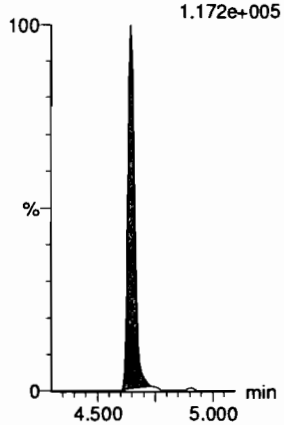
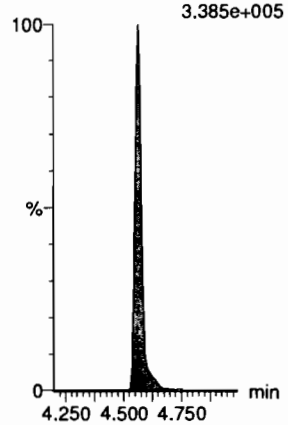


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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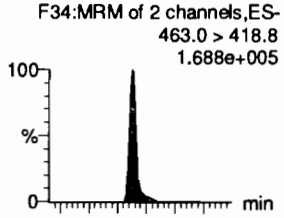
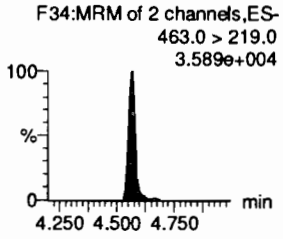
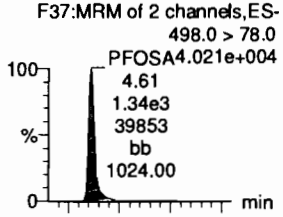
Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

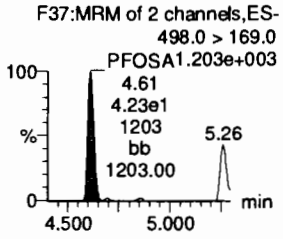
PFNA



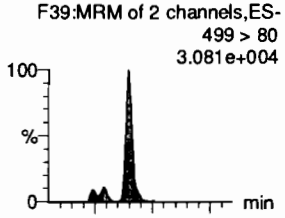


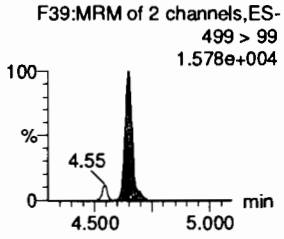
PFOSA



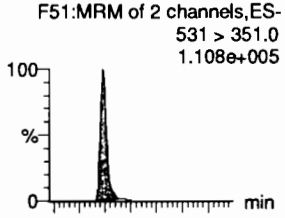


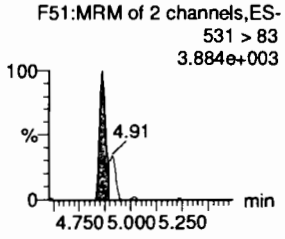
L-PFOS





9Cl-PF30NS





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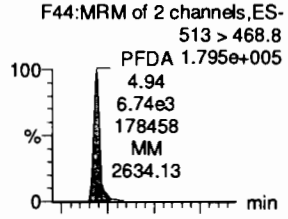
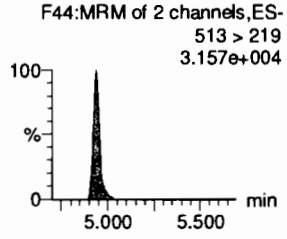
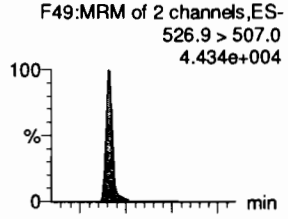
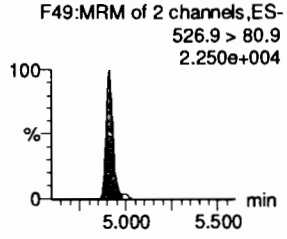


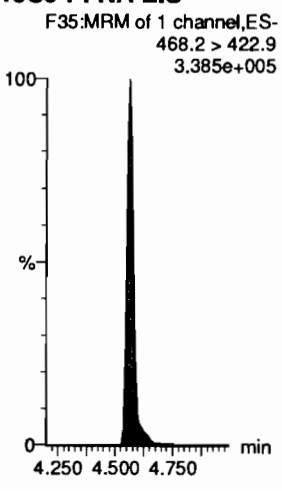


8:2 FTS

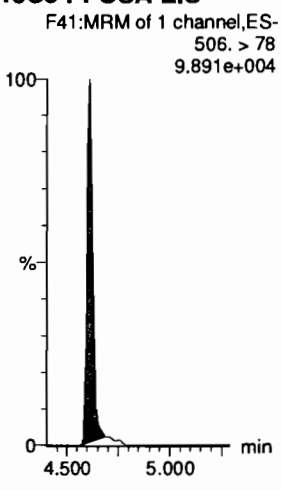




13C5-PFNA-EIS



13C8-PFOSA-EIS



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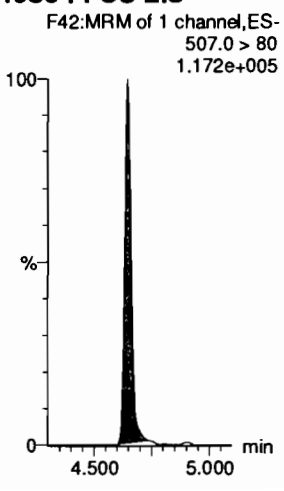
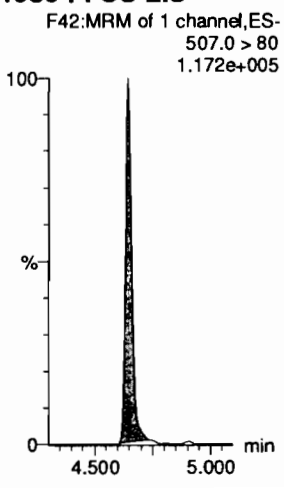
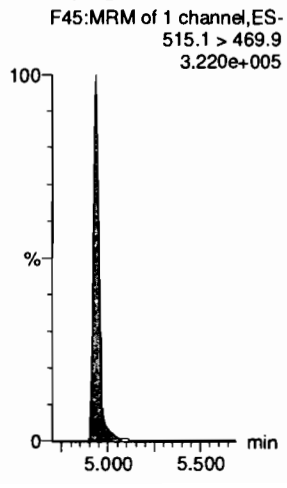


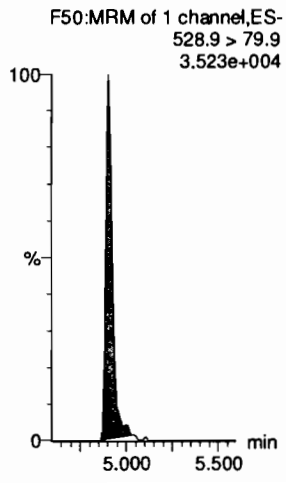
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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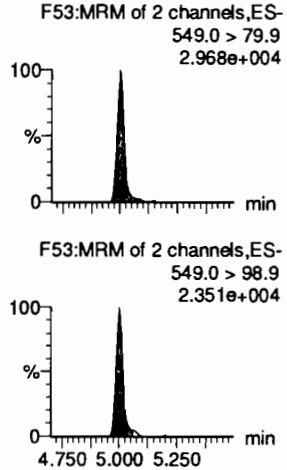
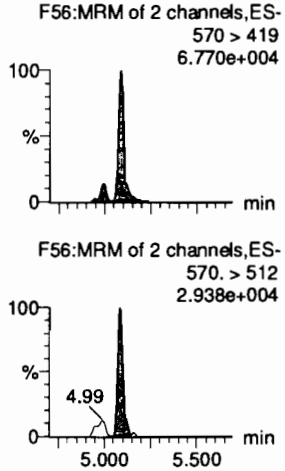
Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

PFNS



L-MeFOSAA



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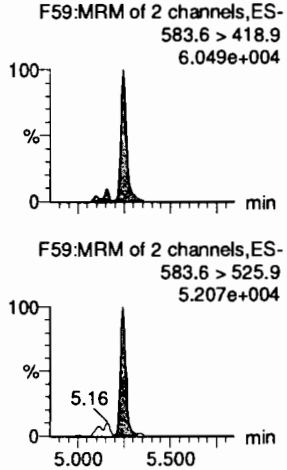
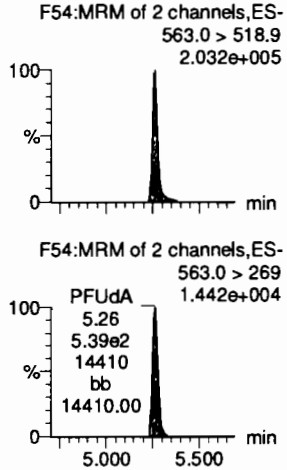


PFUdA



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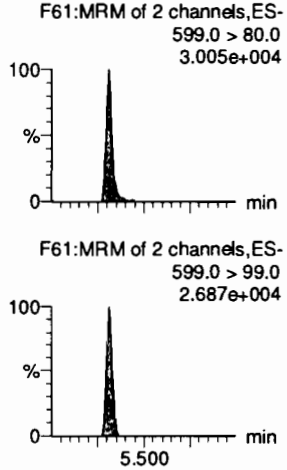
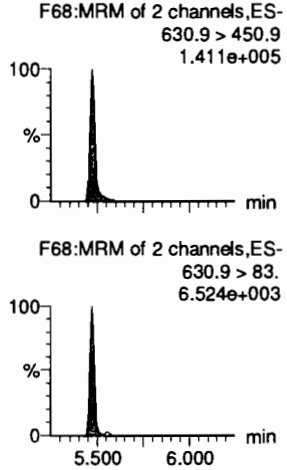
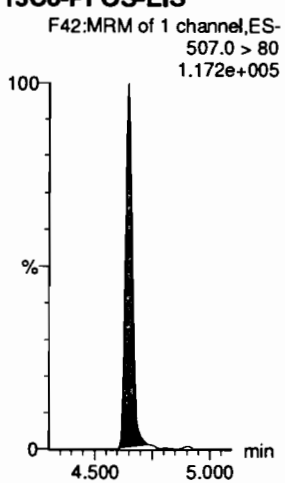


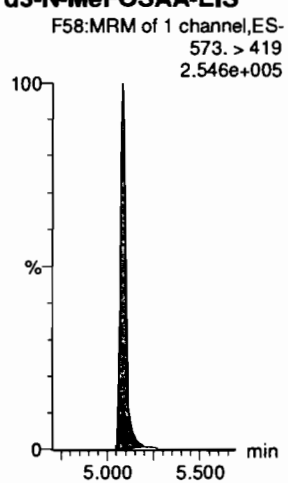
11Cl-PF30UdS



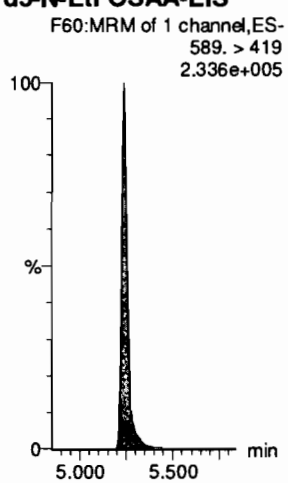
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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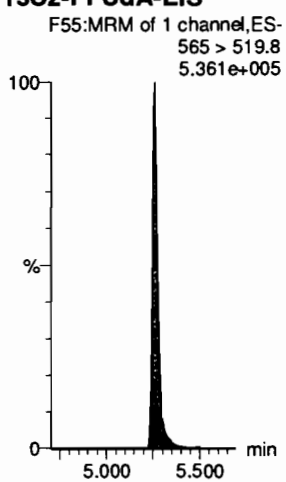

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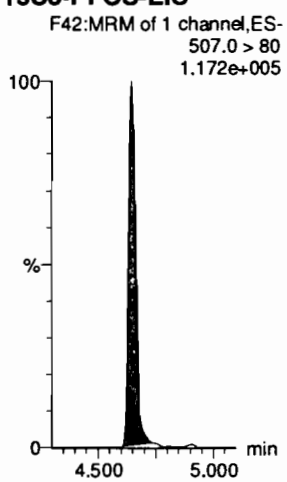
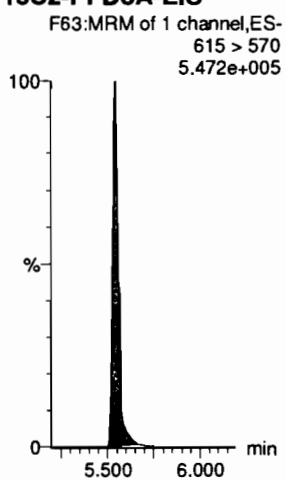


13C2-PFDoA-EIS



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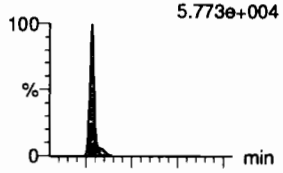
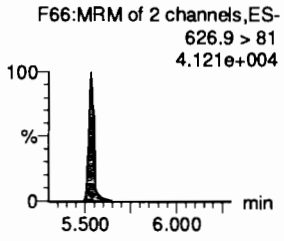
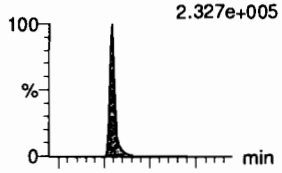
Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

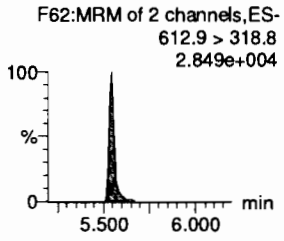
10:2 FTS



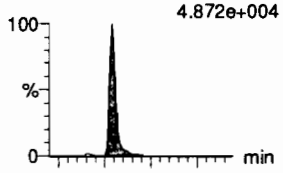


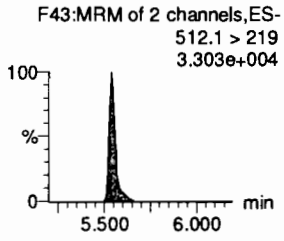
PFDoA



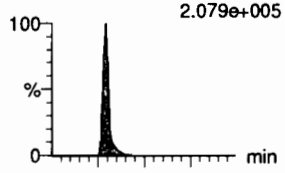


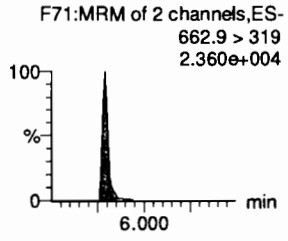
N-MeFOSA



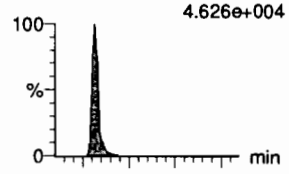


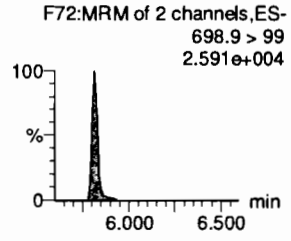
PFTrDA



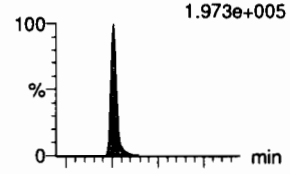


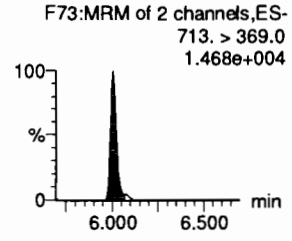
PFDoS



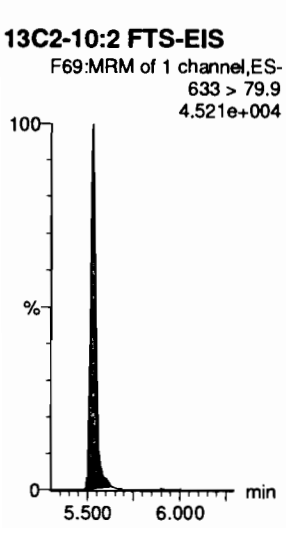


PFTeDA

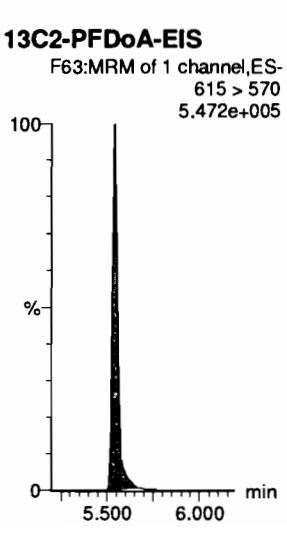




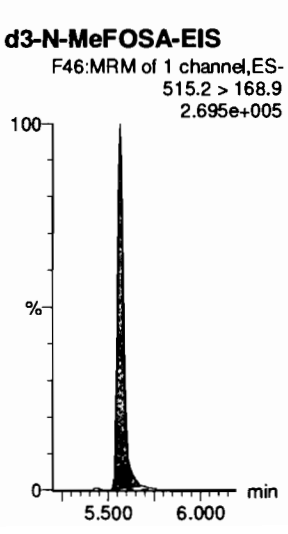
13C2-10:2 FTS-EIS



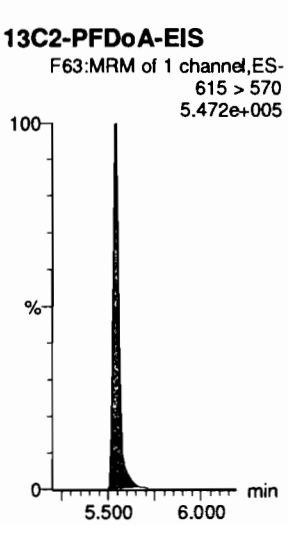
13C2-PFDoA-EIS



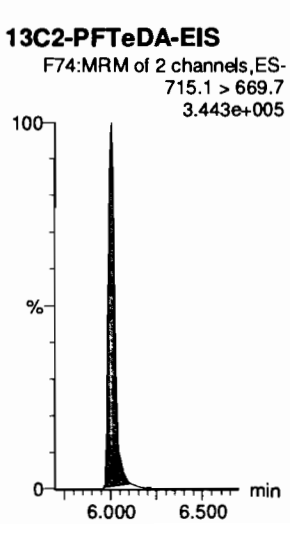
d3-N-MeFOSA-EIS



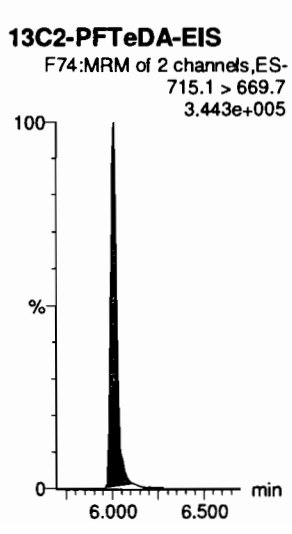
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

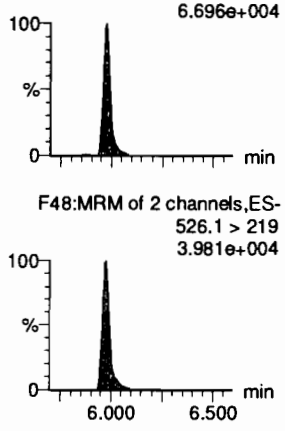


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

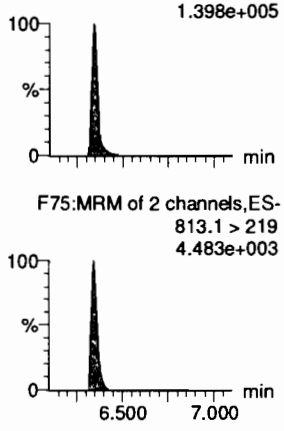
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

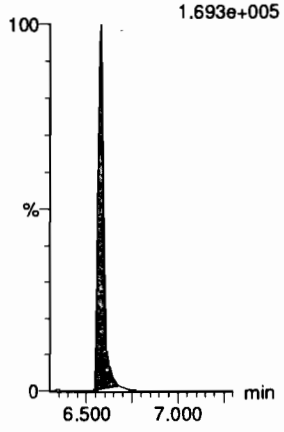
N-EtFOSA



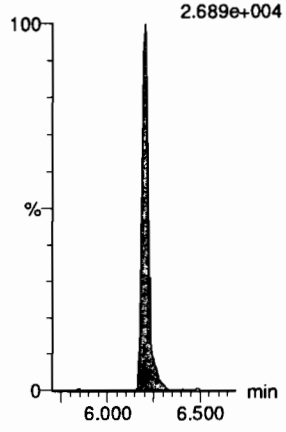
PFHxDA



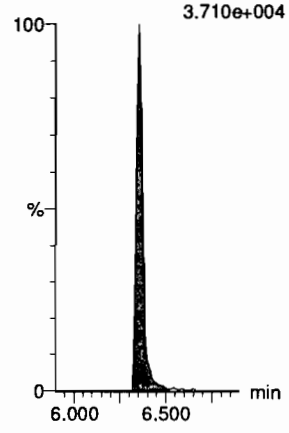
PFODA



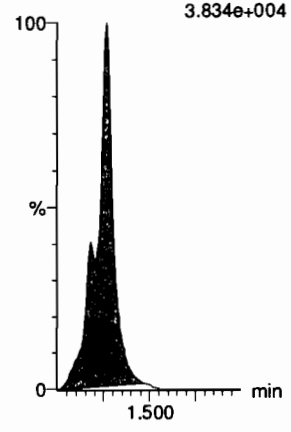
N-MeFOSE



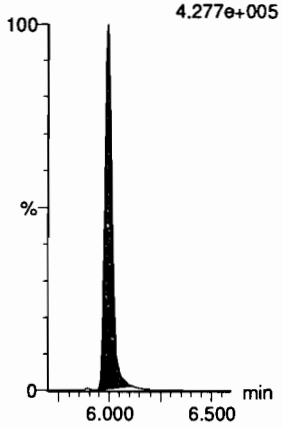
N-EtFOSE



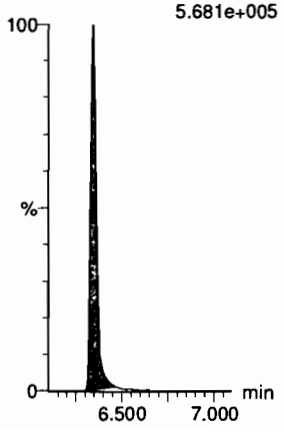
13C3-PFBA-RSD



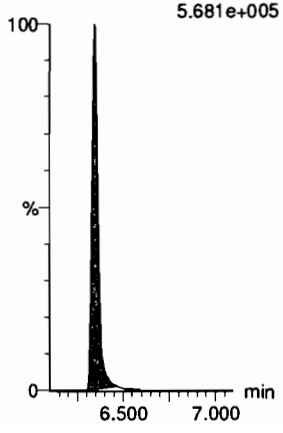
d5-N-ETFOSA-EIS



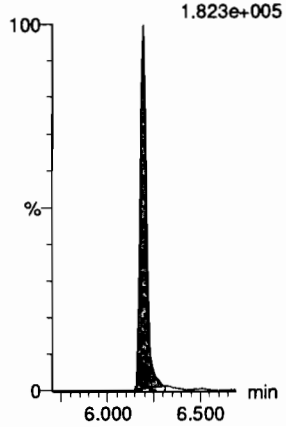
13C2-PFHxDA-EIS



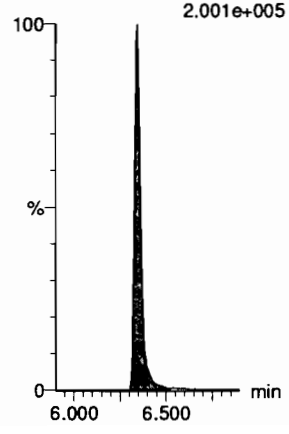
13C2-PFHxDA-EIS



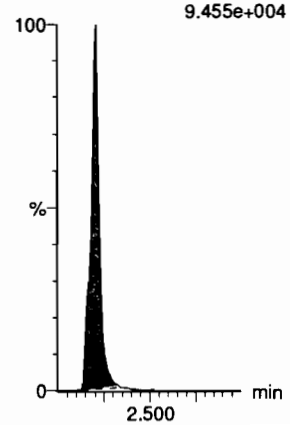
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

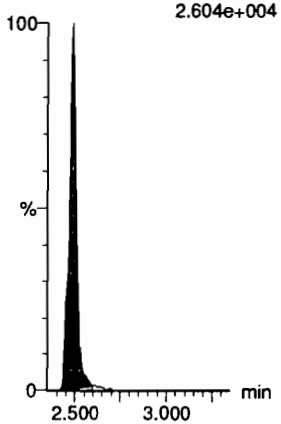


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

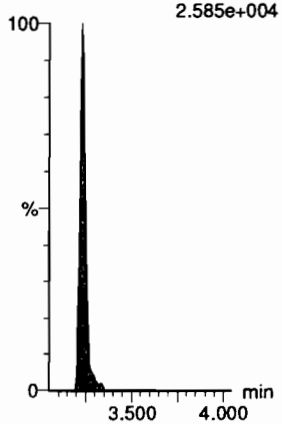
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

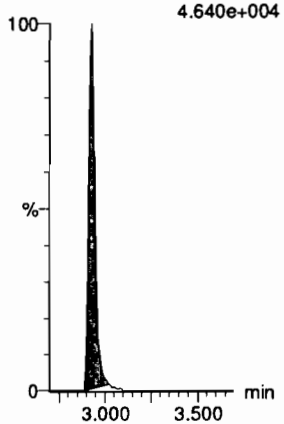
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.604e+004



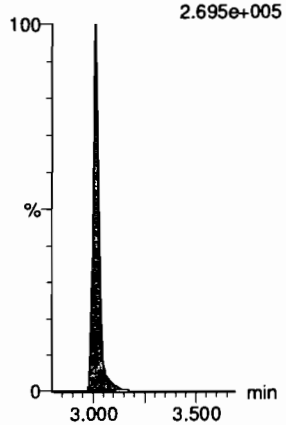
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.585e+004



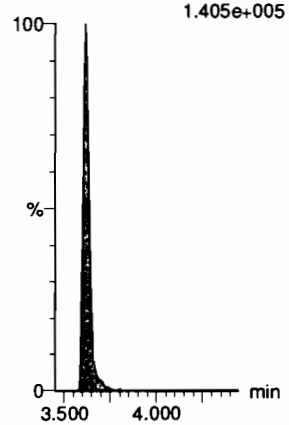
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.640e+004



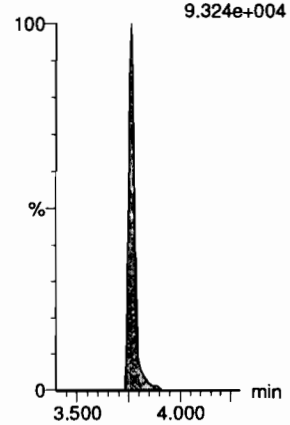
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.695e+005



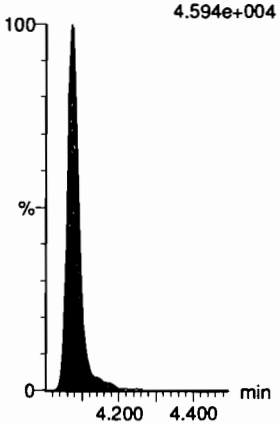
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.405e+005



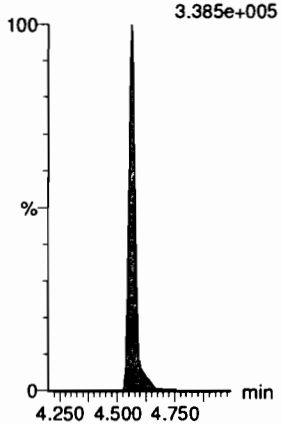
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.324e+004



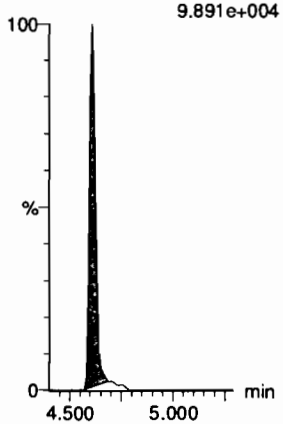
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.594e+004



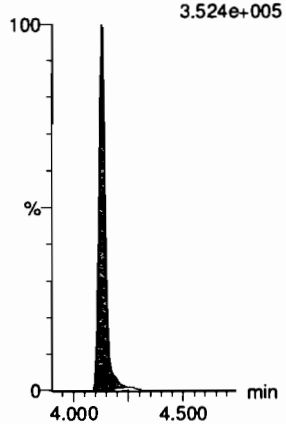
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.385e+005



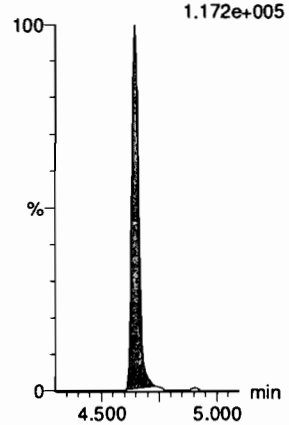
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
9.891e+004



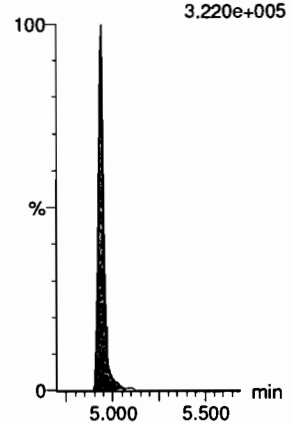
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.524e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.172e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.220e+005

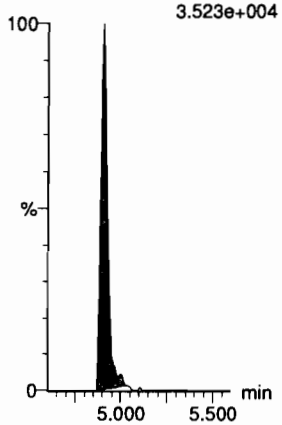


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

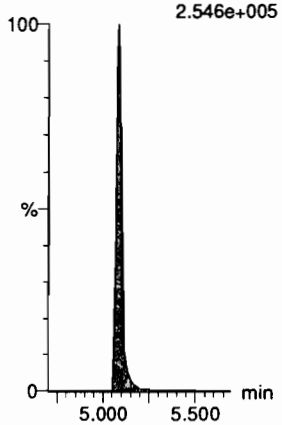
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

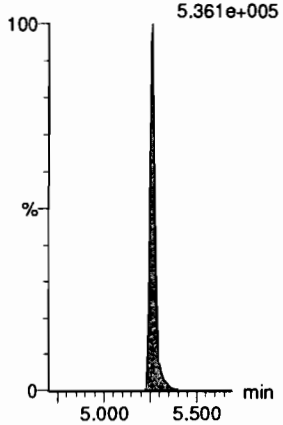
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
3.523e+004



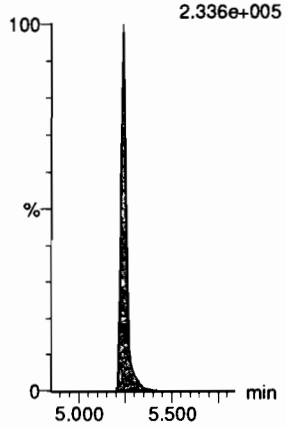
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.546e+005



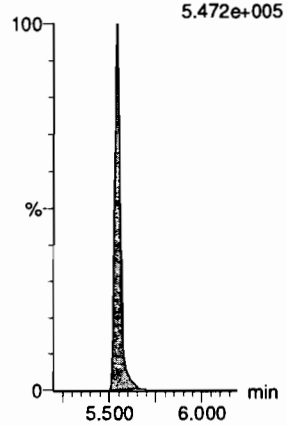
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
5.361e+005



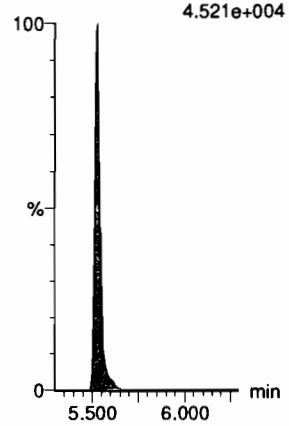
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.336e+005



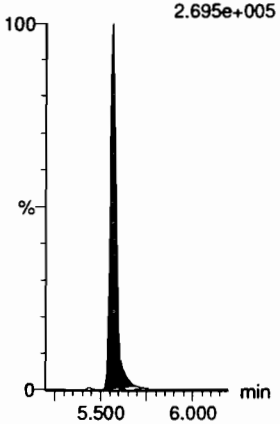
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.472e+005



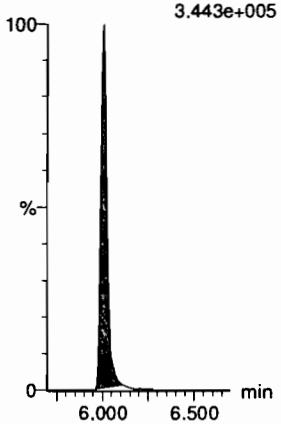
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.521e+004



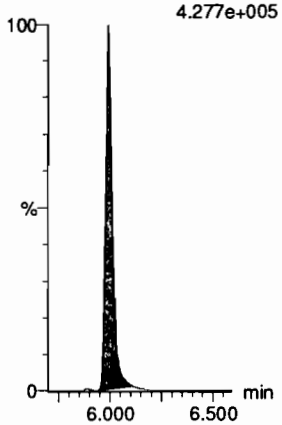
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.695e+005



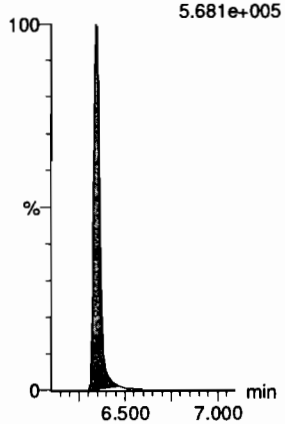
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.443e+005



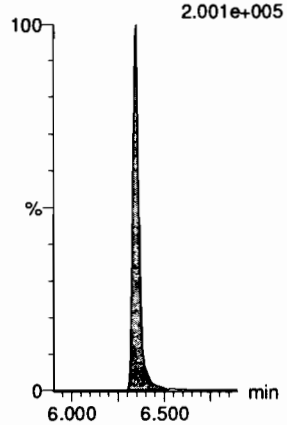
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.277e+005



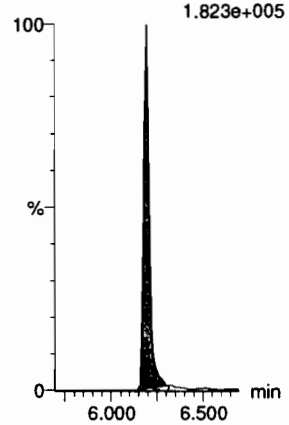
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.681e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.001e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.823e+005

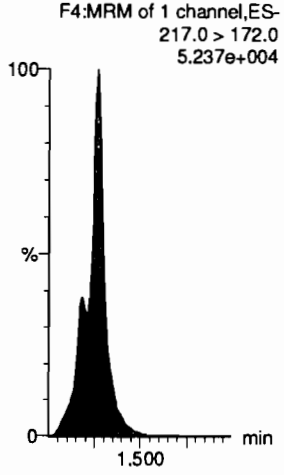


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

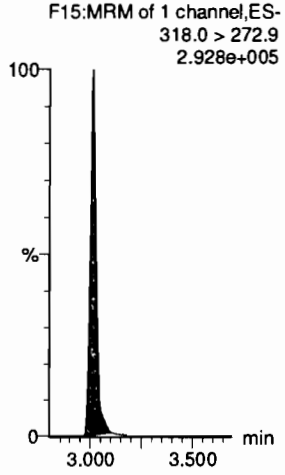
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_7, Date: 08-Jun-2020, Time: 16:05:06, ID: ST200608M1-5 PFC CS2 20E2705, Description: PFC CS2 20E2705

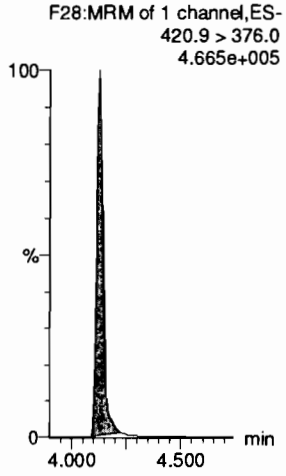
13C4-PFBA



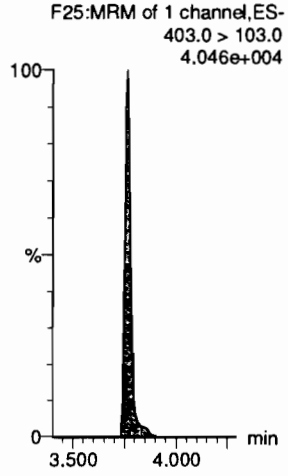
13C5-PFHxA



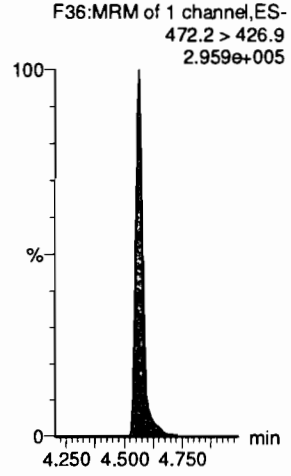
13C8-PFOA



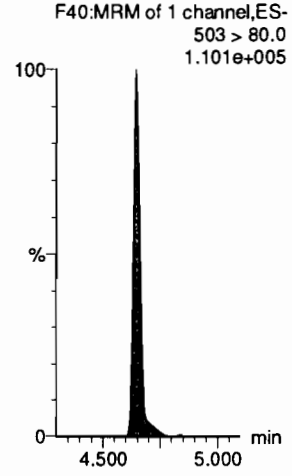
18O2-PFHxS



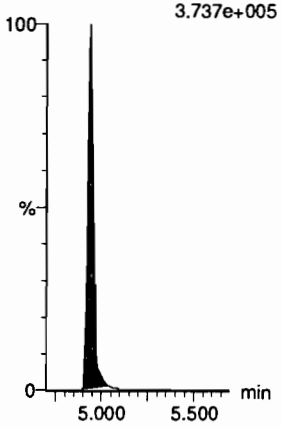
13C9-PFNA



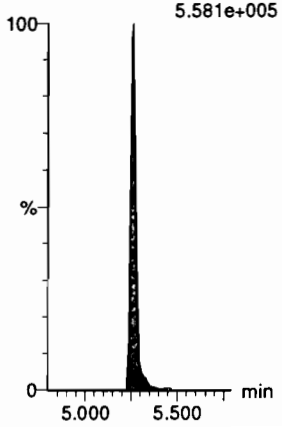
13C4-PFOS



13C6-PFDA



13C7-PFUdA

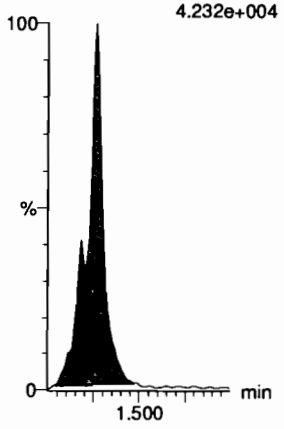


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

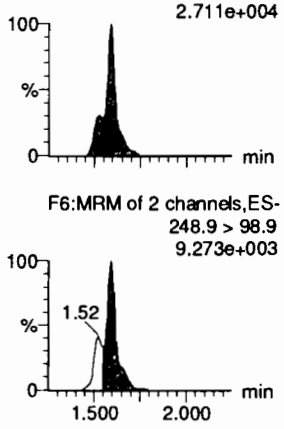
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

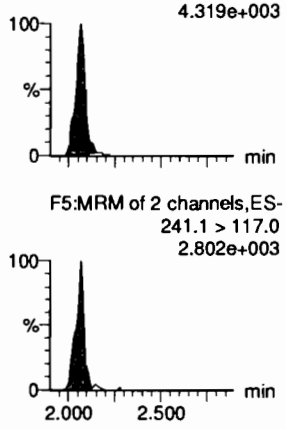
PFBA



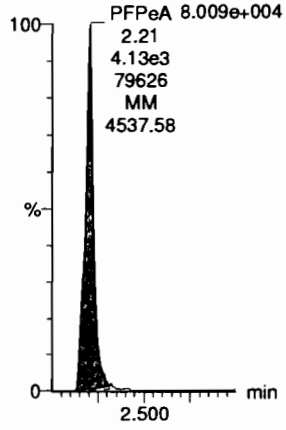
PFPrS



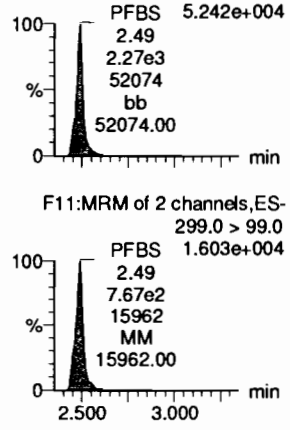
3:3 FTCA



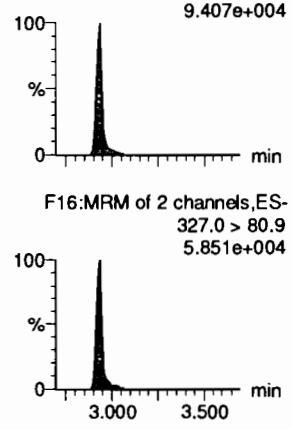
PFPeA



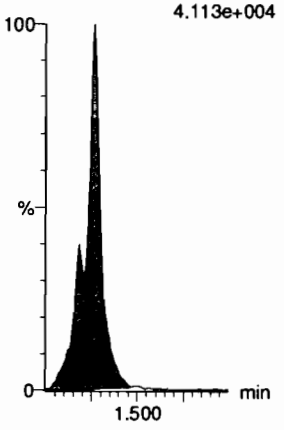
PFBS



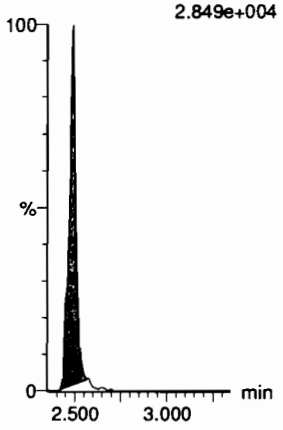
4:2 FTS



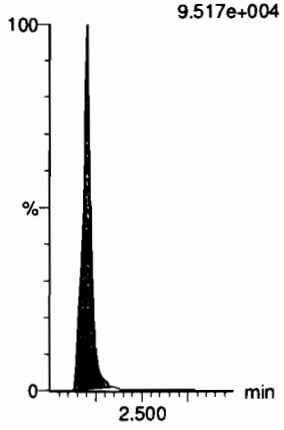
13C3-PFBA-EIS



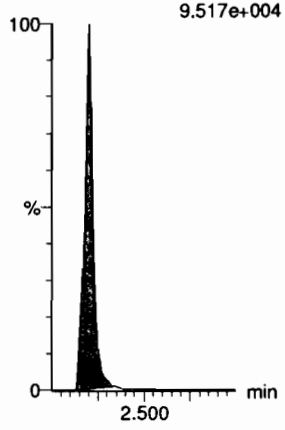
13C3-PFBS-EIS



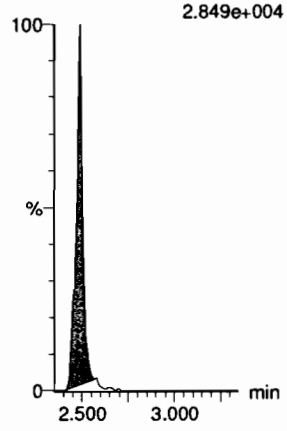
13C3-PFPeA-EIS



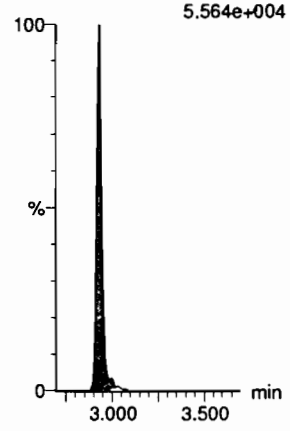
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

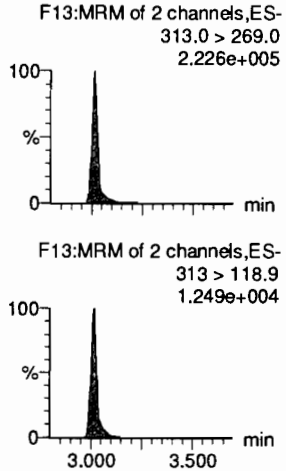


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

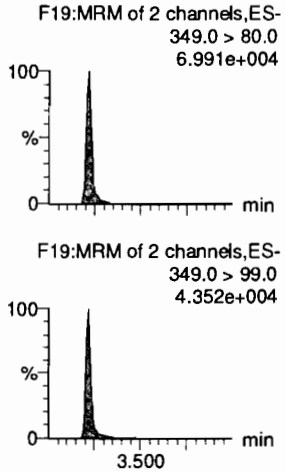
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

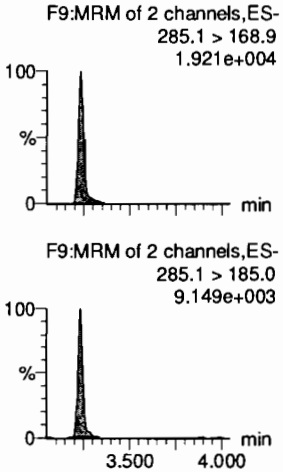
PFHxA



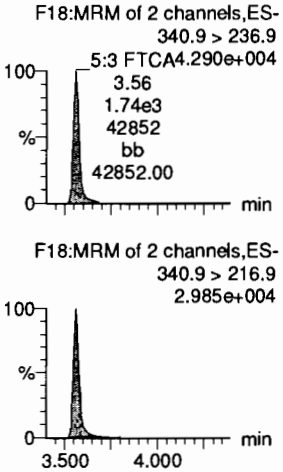
PFPeS



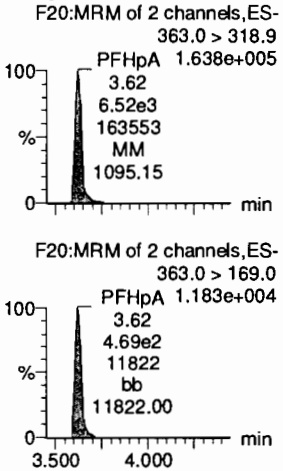
HFPO-DA



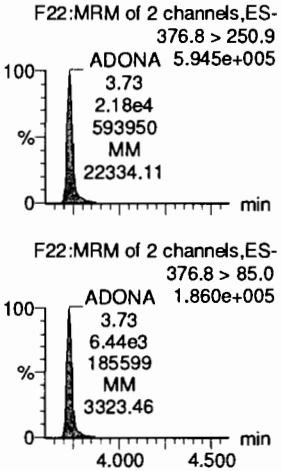
5:3 FTCA



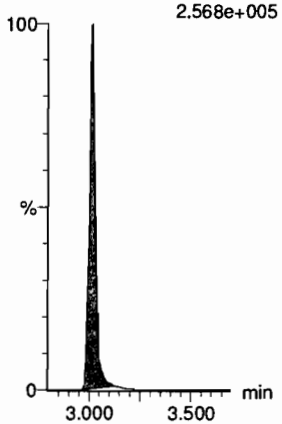
PFHpA



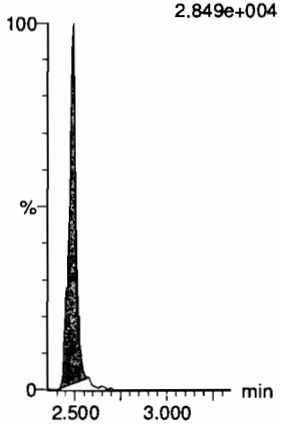
ADONA



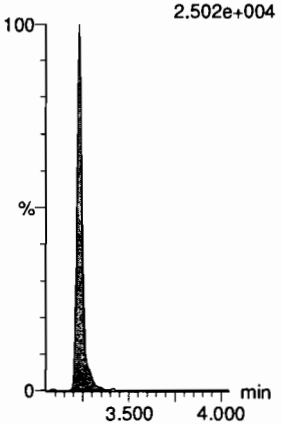
13C2-PFHxA-EIS



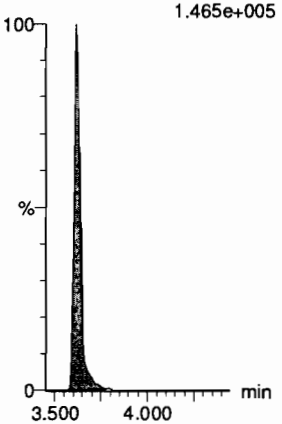
13C3-PFBS-EIS



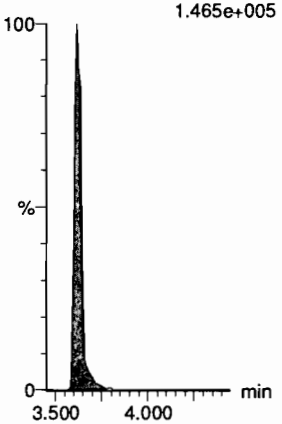
13C3-HFPO-DA-EIS



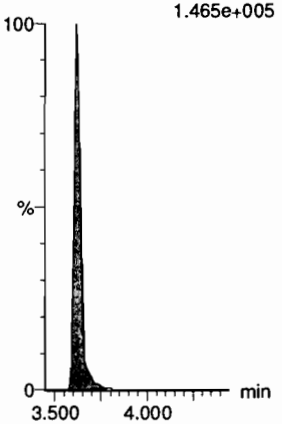
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

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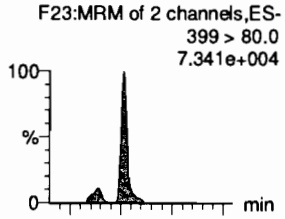
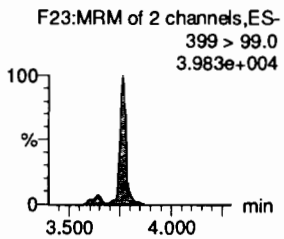
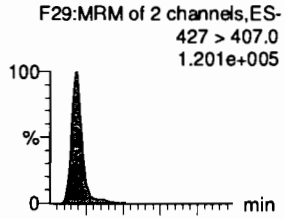
Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

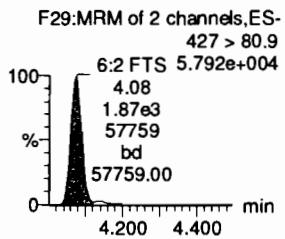
L-PFHxS



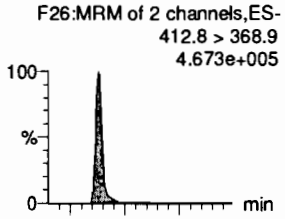


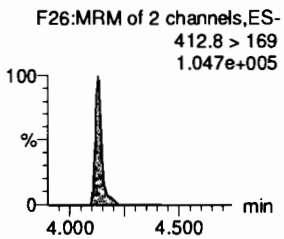
6:2 FTS



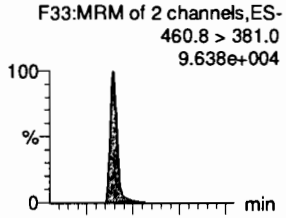


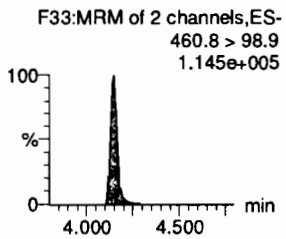
L-PFOA



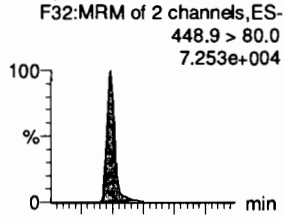


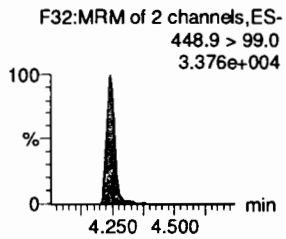
PFEChS



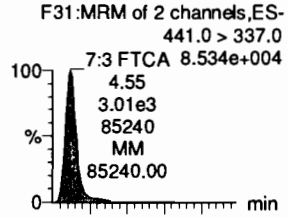


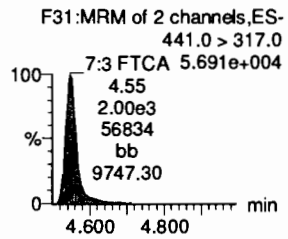
PFHpS



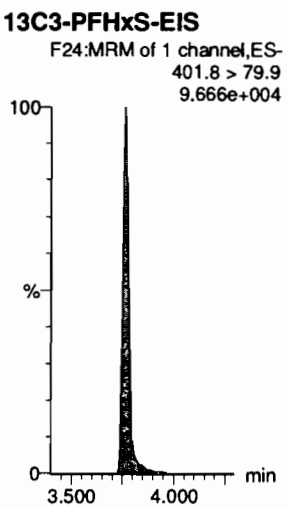


7:3 FTCA

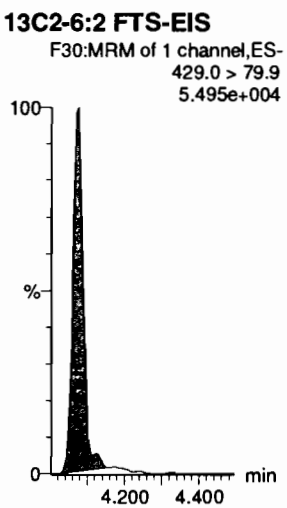




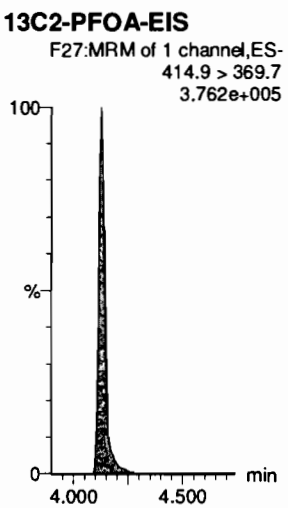
13C3-PFHxS-EIS



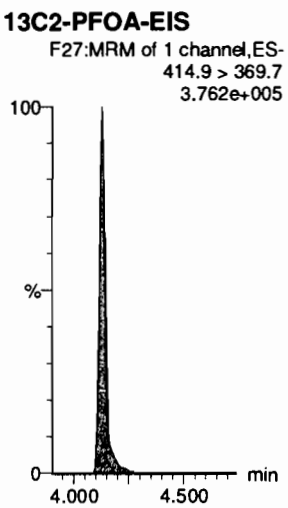
13C2-6:2 FTS-EIS



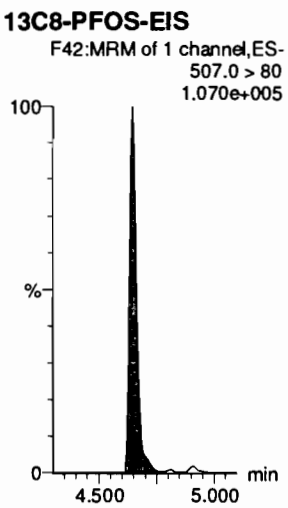
13C2-PFOA-EIS



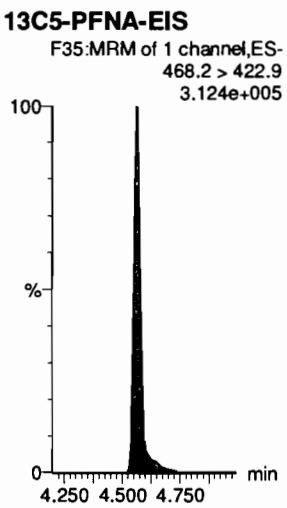
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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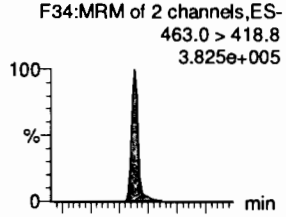
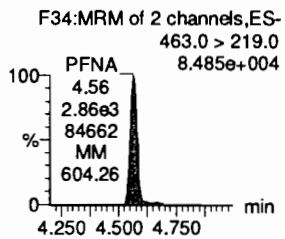
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNA





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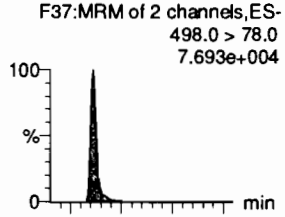
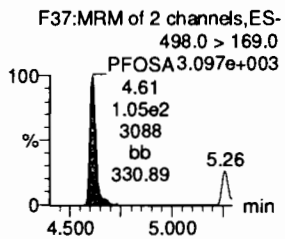
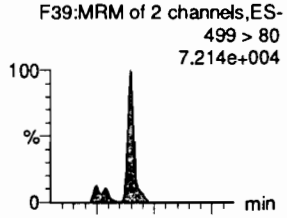
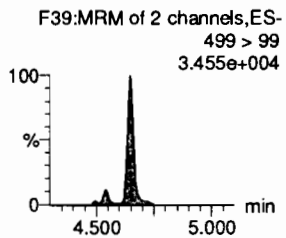


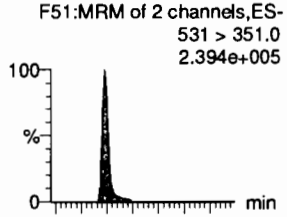


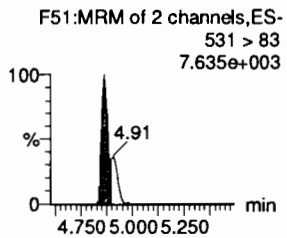
L-PFOS





9Cl-PF30NS





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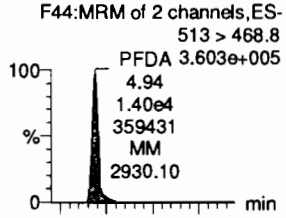
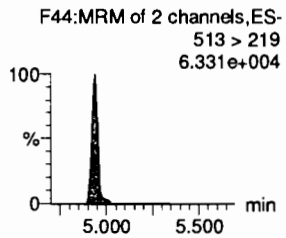
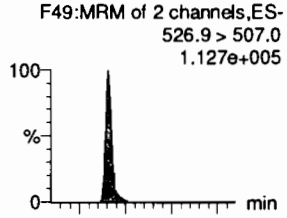
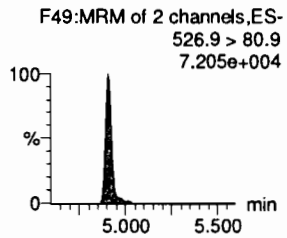


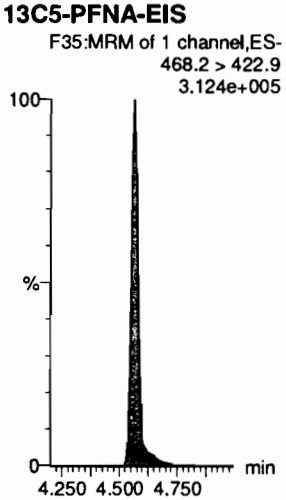


8:2 FTS

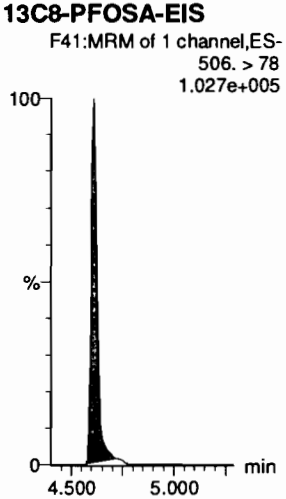




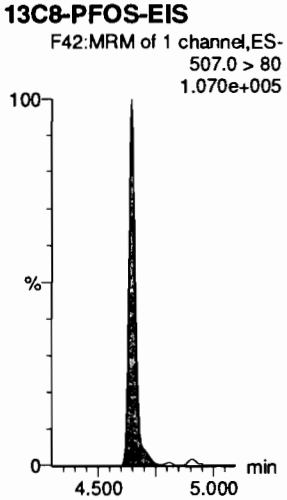
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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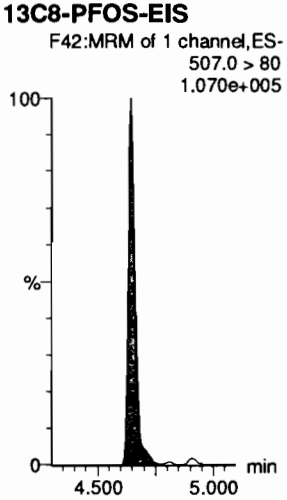
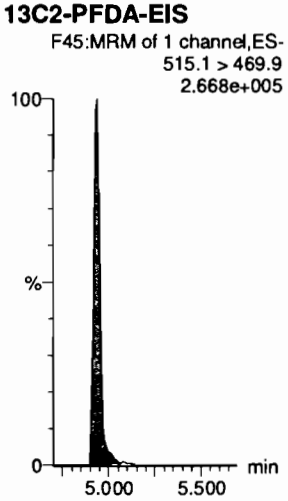
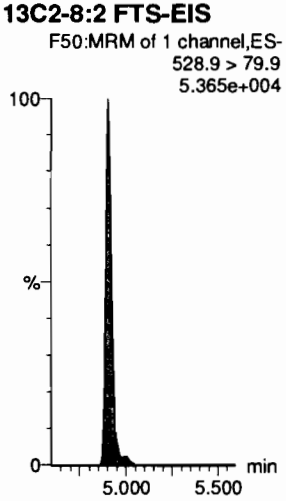


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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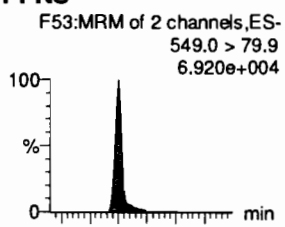
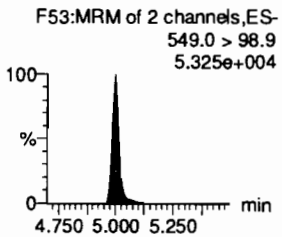
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

PFNS





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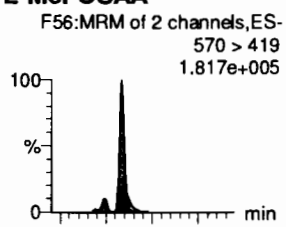

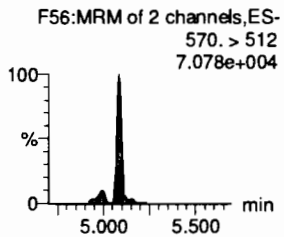

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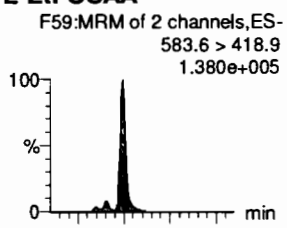
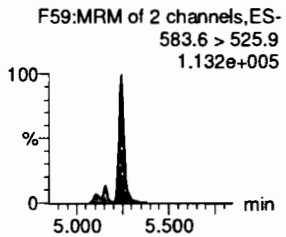
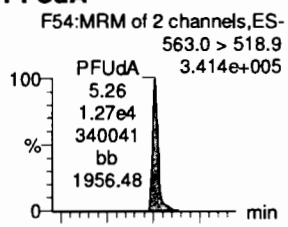
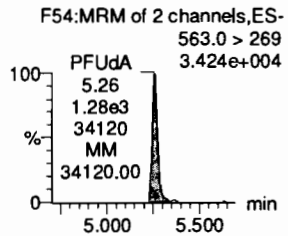


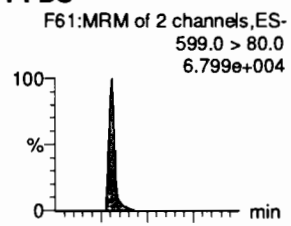


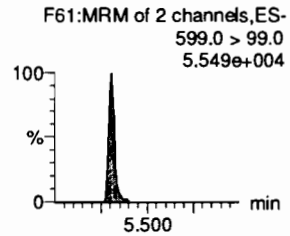
PFUdA



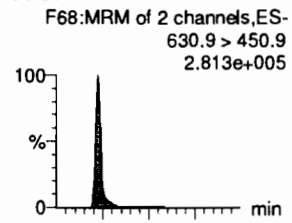


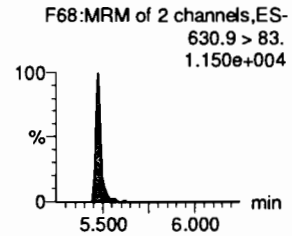
PFDS



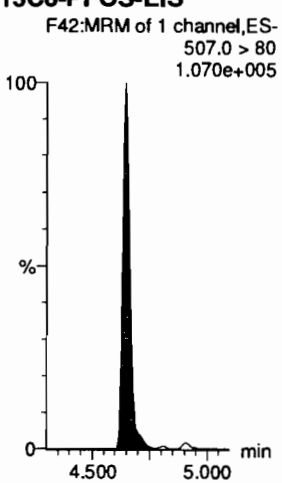


11Cl-PF30UdS

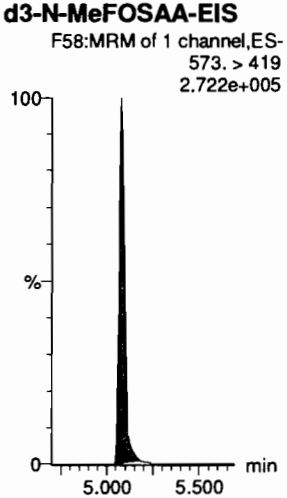




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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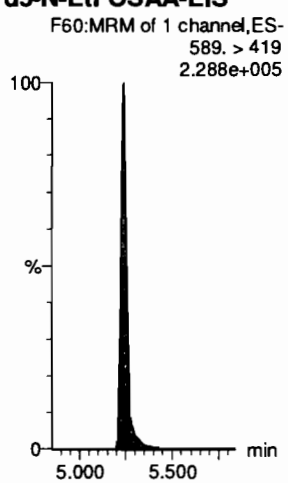
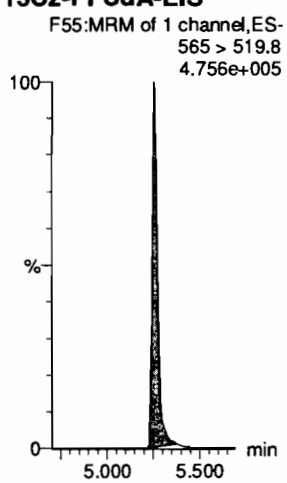
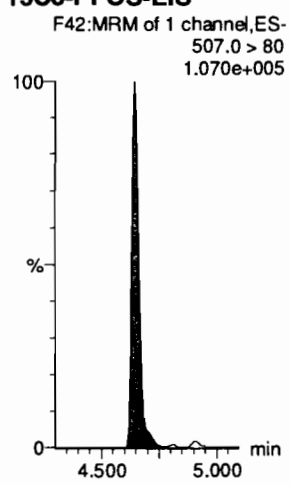


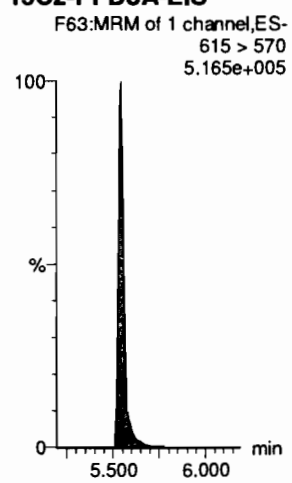
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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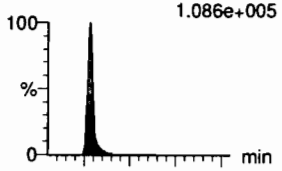
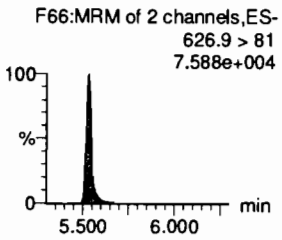
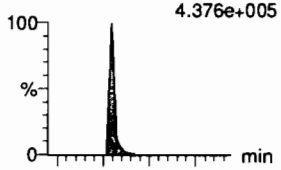
Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

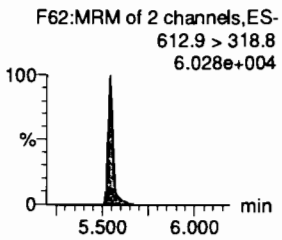
10:2 FTS



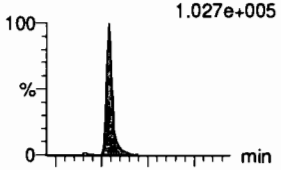


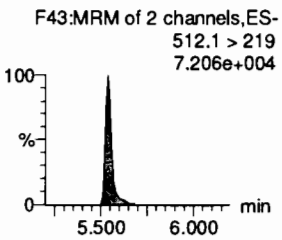
PFDoA



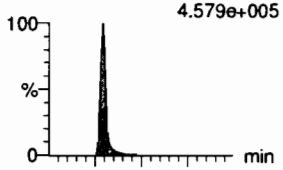


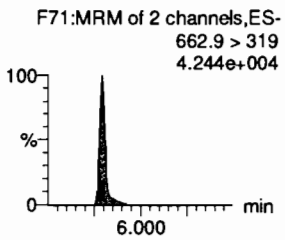
N-MeFOSA





PFTrDA





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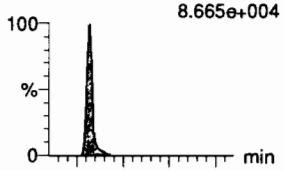
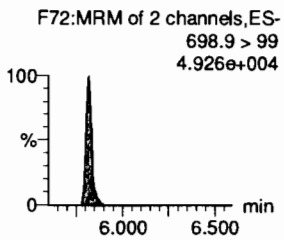
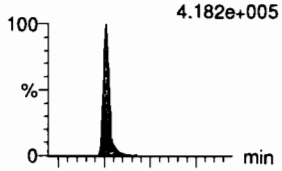
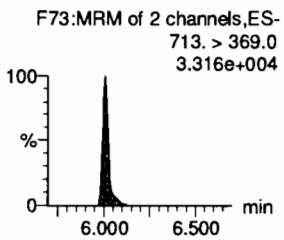


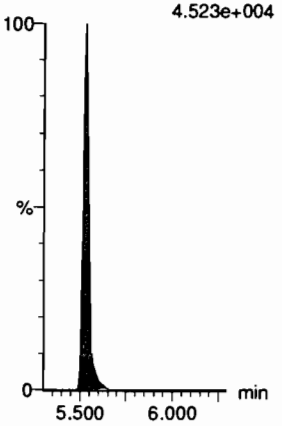


PFTeDA

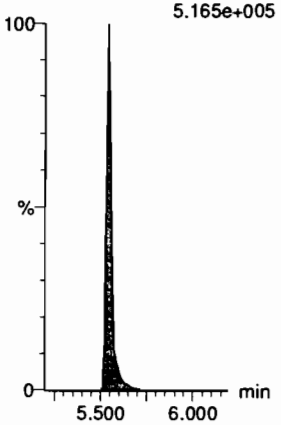




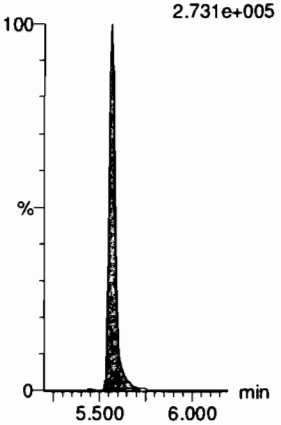
13C2-10:2 FTS-EIS



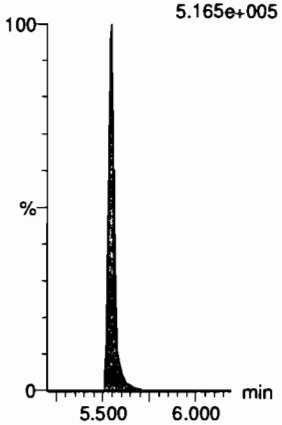
13C2-PFDoA-EIS



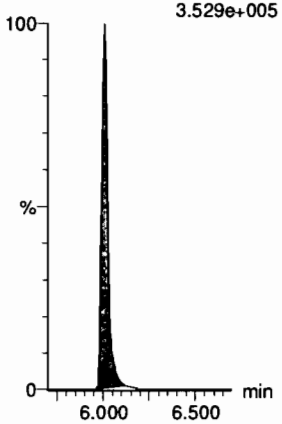
d3-N-MeFOSA-EIS



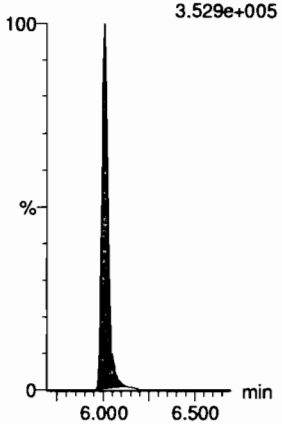
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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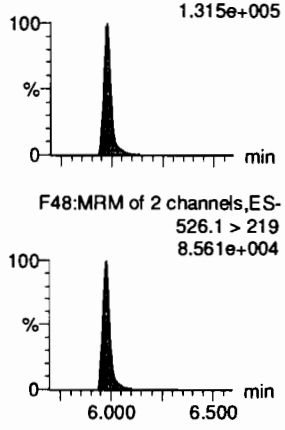
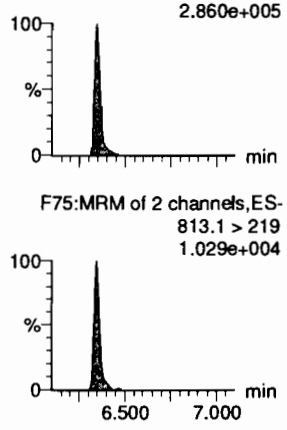
Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

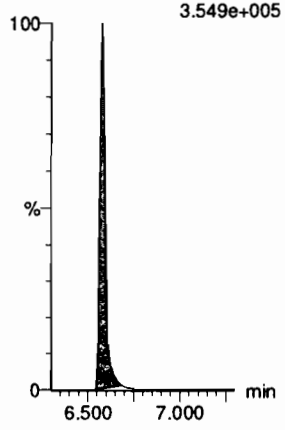
N-EtFOSA



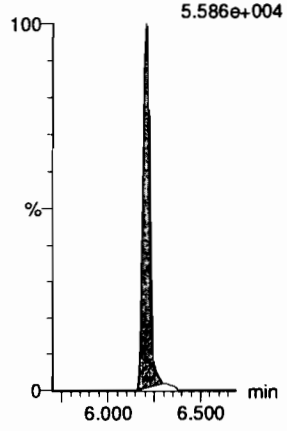
PFHxDA



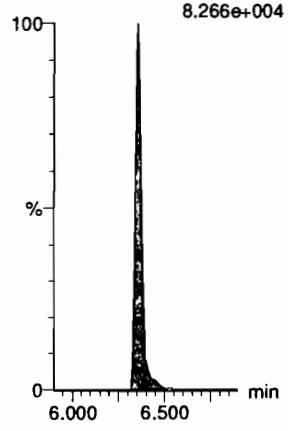
PFODA



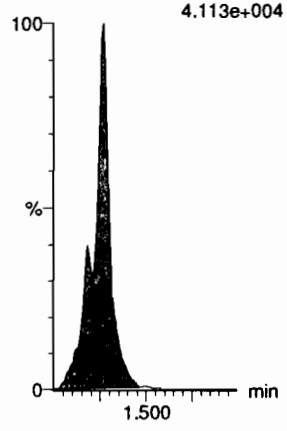
N-MeFOSE



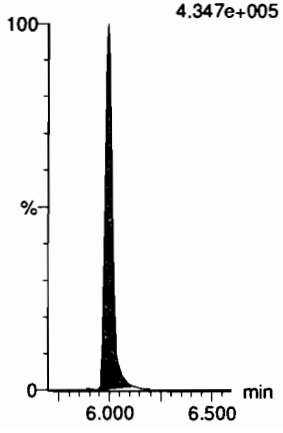
N-EtFOSE



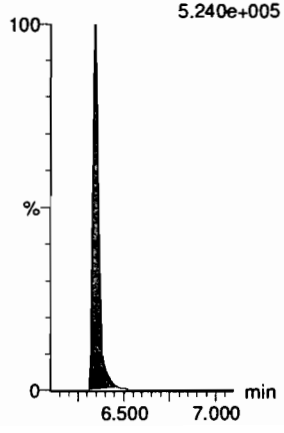
13C3-PFBA-RSD



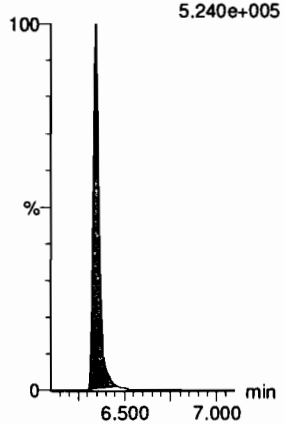
d5-N-ETFOSA-EIS



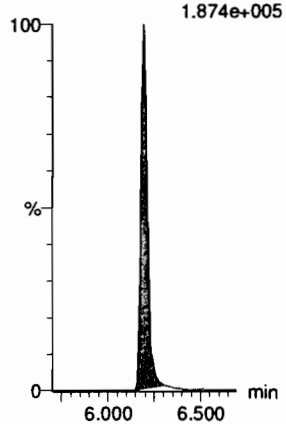
13C2-PFHxDA-EIS



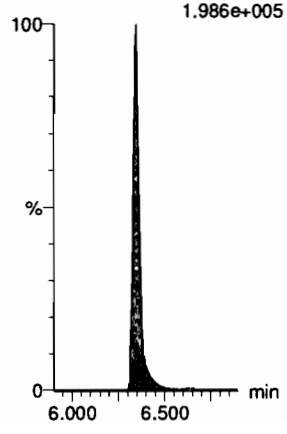
13C2-PFHxDA-EIS



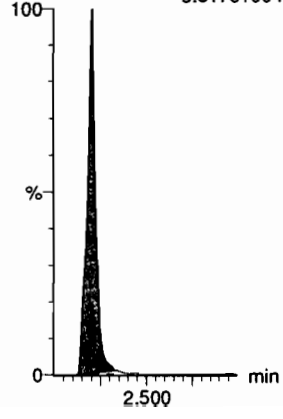
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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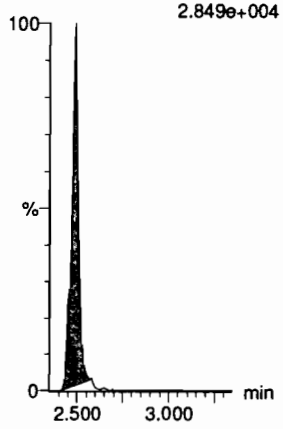
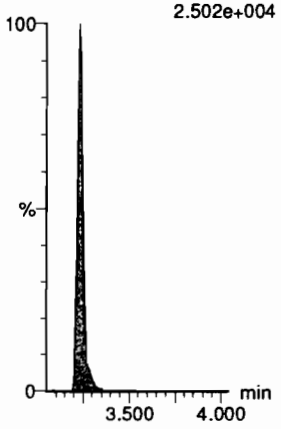
Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

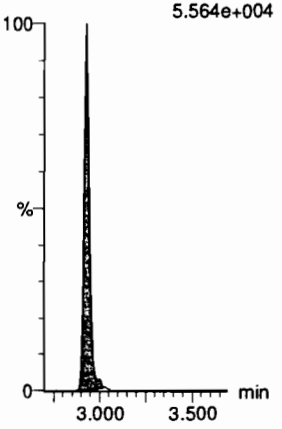
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.849e+004



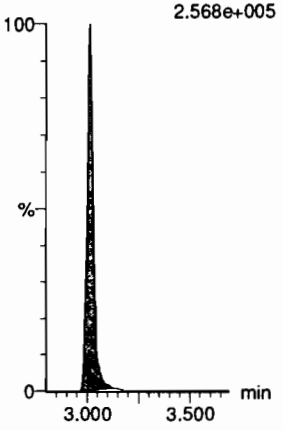
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.502e+004



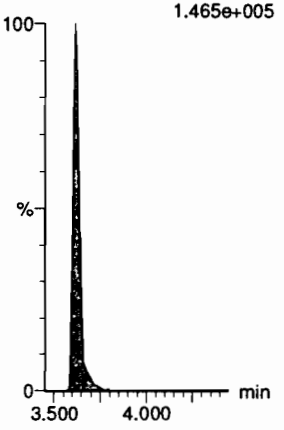
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.564e+004



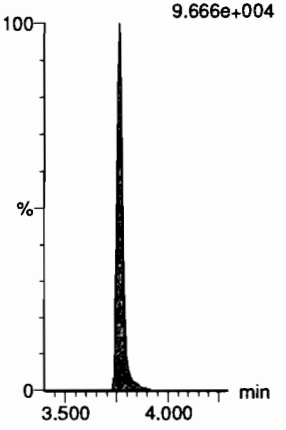
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.568e+005



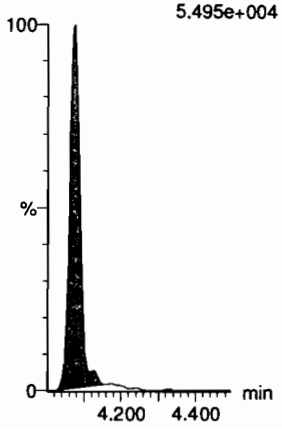
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.465e+005



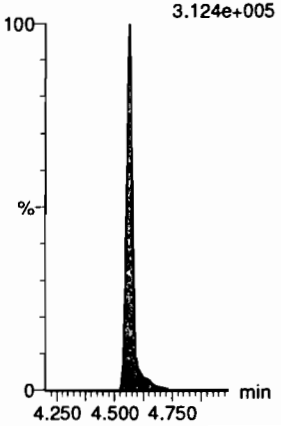
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.666e+004



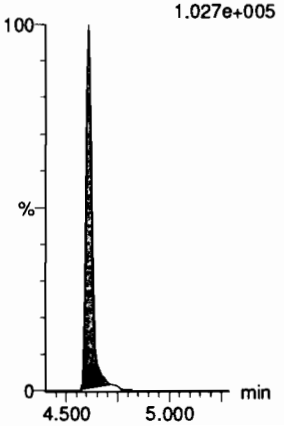
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.495e+004



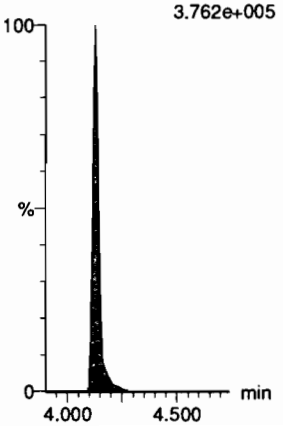
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.124e+005



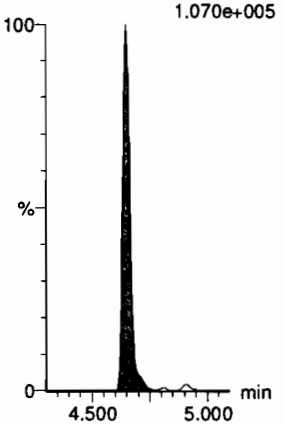
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
1.027e+005



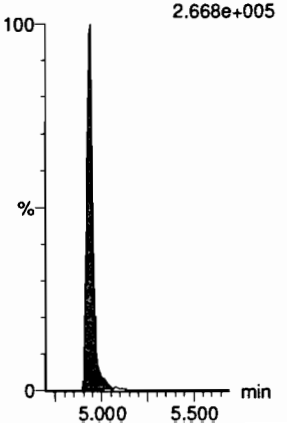
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.762e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.070e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.668e+005

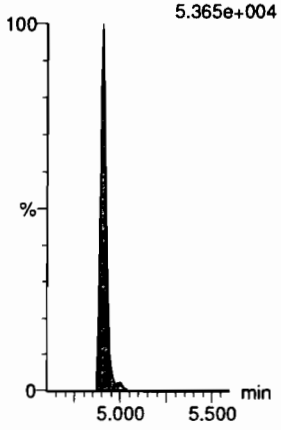


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

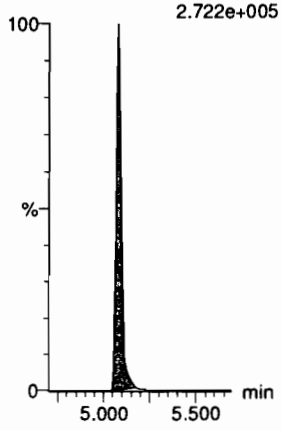
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

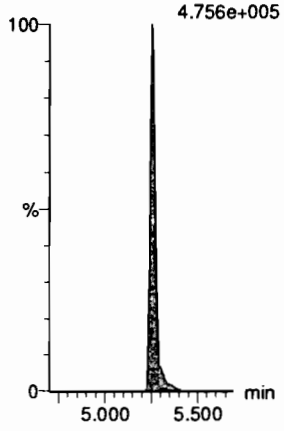
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
5.365e+004



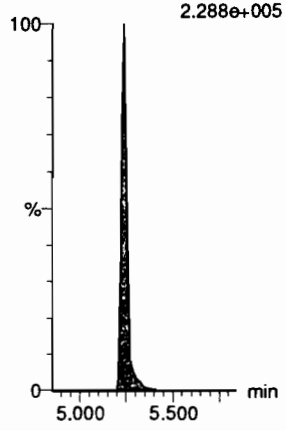
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.722e+005



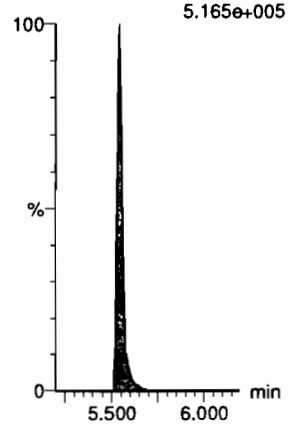
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.756e+005



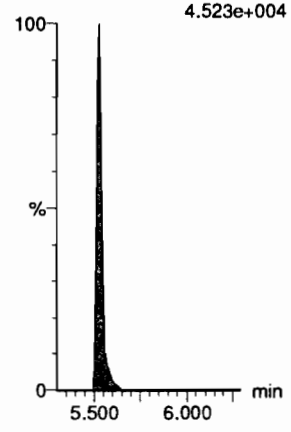
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.288e+005



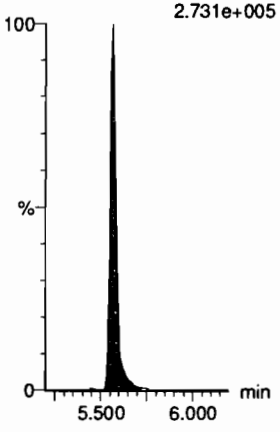
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.165e+005



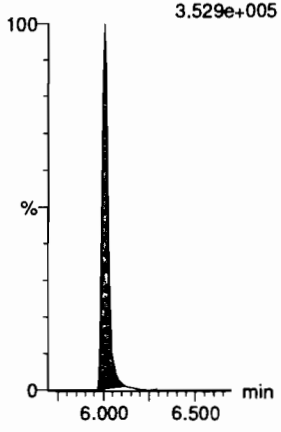
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.523e+004



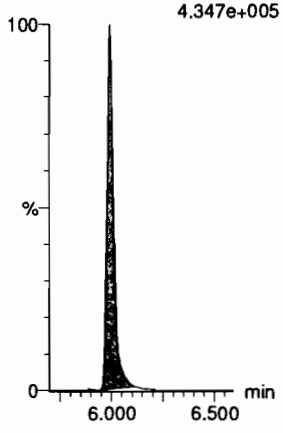
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.731e+005



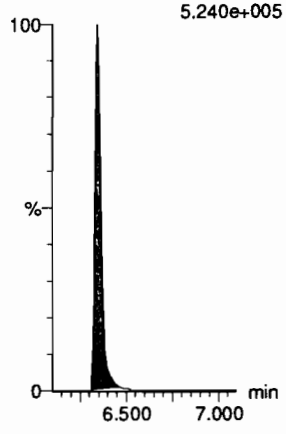
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.529e+005



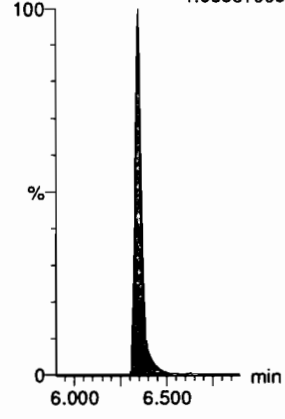
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.347e+005



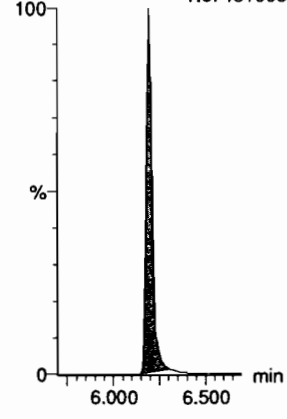
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.240e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
1.986e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.874e+005



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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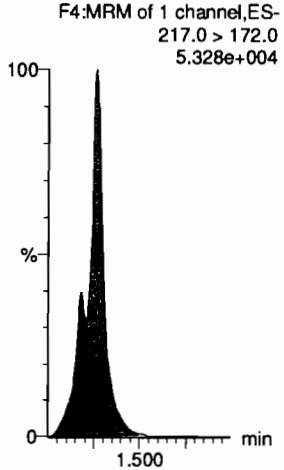
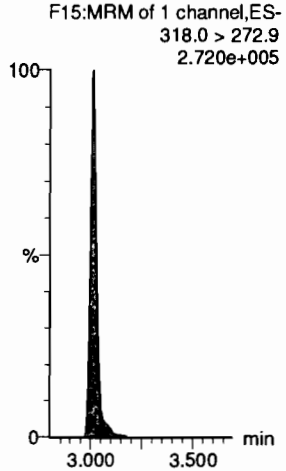
Name: 200608M1_8, Date: 08-Jun-2020, Time: 16:15:32, ID: ST200608M1-6 PFC CS3 20E2706, Description: PFC CS3 20E2706

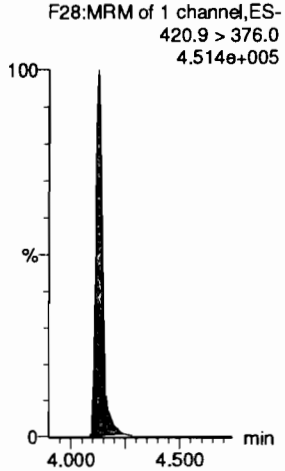
13C4-PFBA



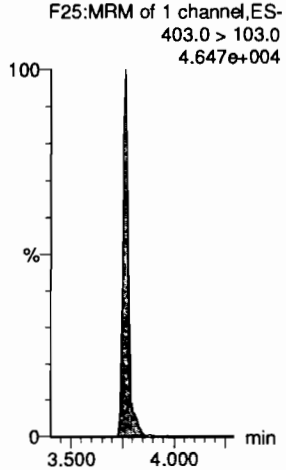
13C5-PFHxA



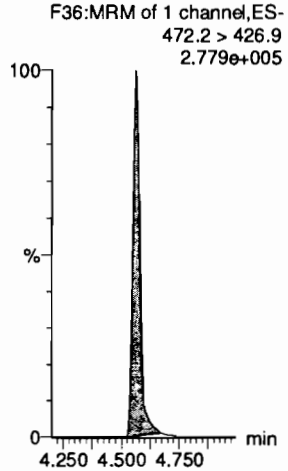
13C8-PFOA



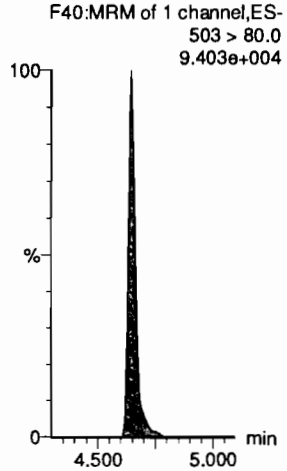
18O2-PFHxS



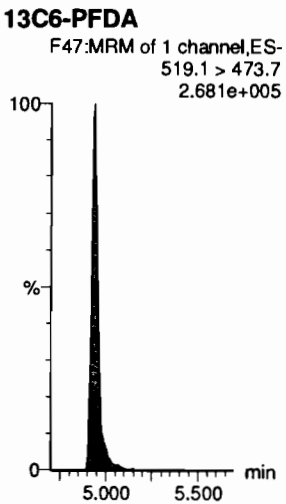
13C9-PFNA



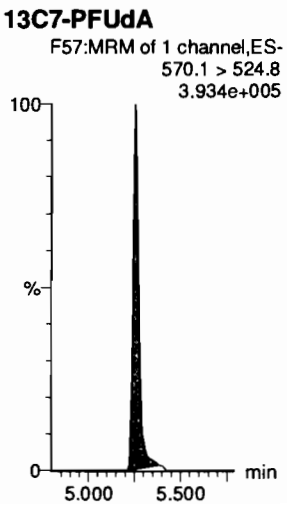
13C4-PFOS



13C6-PFDA



13C7-PFUdA

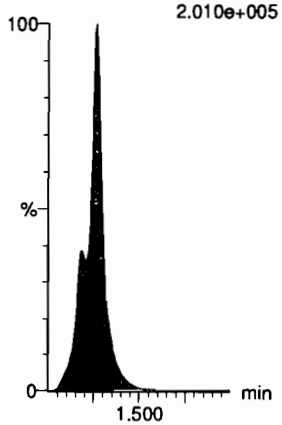


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

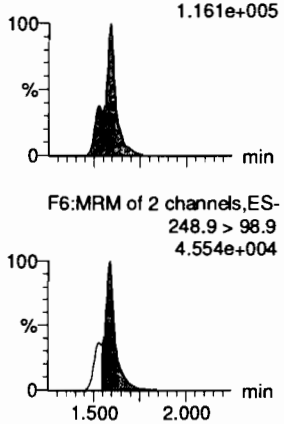
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

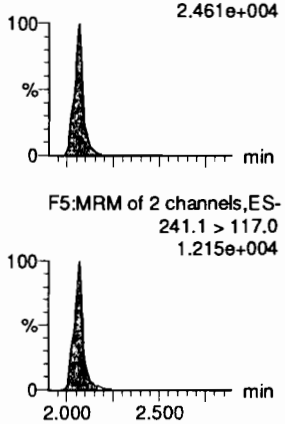
PFBA



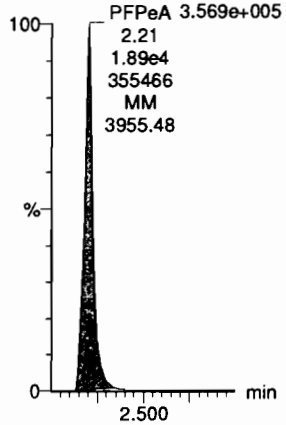
PFPrS



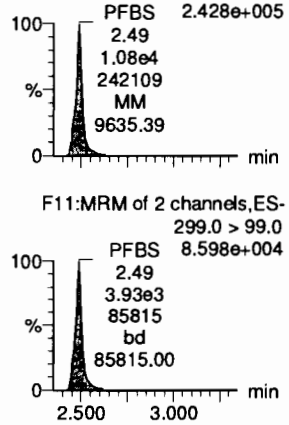
3:3 FTCA



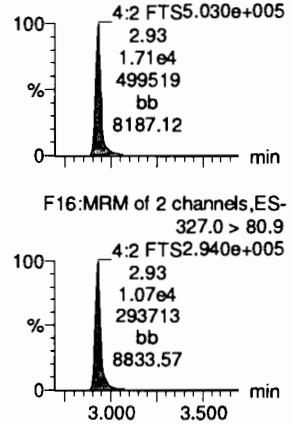
PFPeA



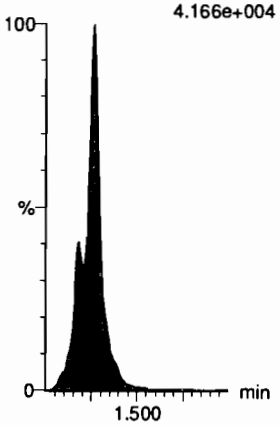
PFBS



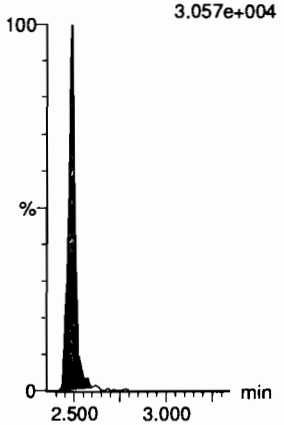
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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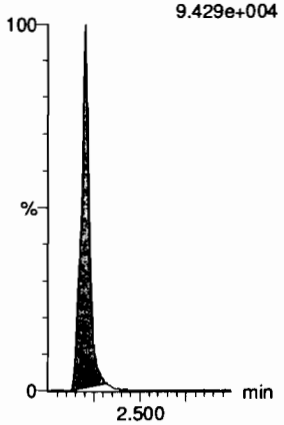

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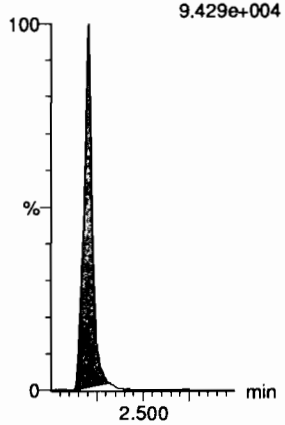

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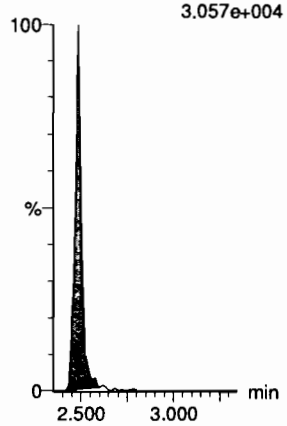
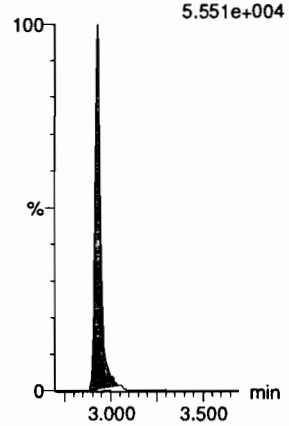


13C2-4:2 FTS-EIS



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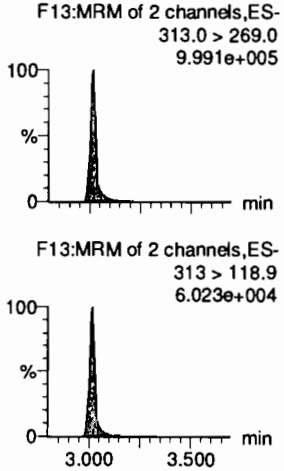
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

PFHxA



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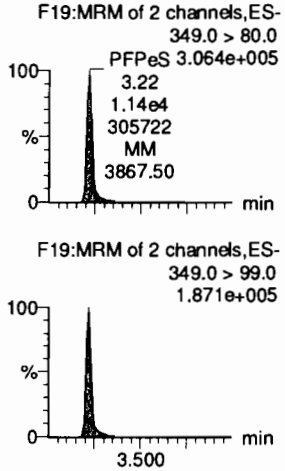
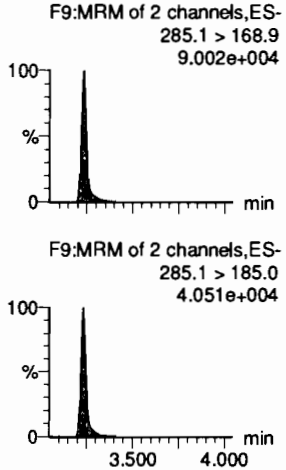
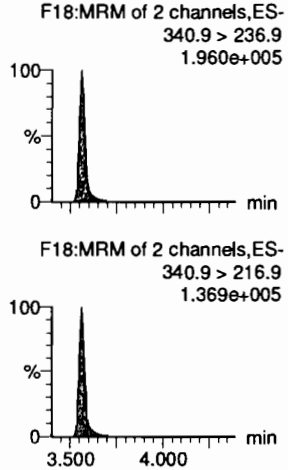


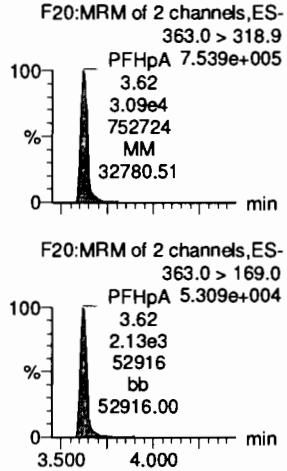
HFPO-DA



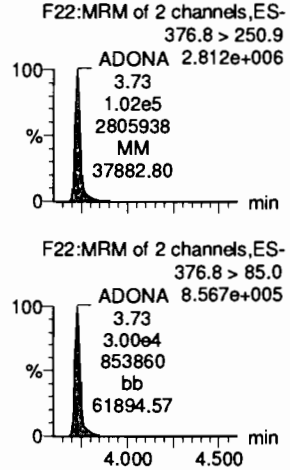
5:3 FTCA



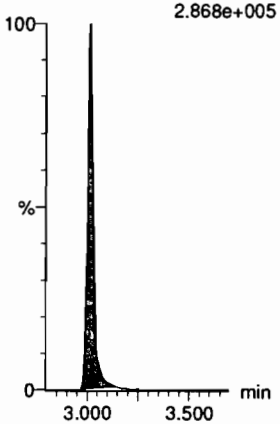
PFHpA



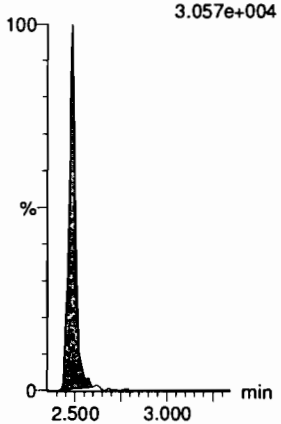
ADONA



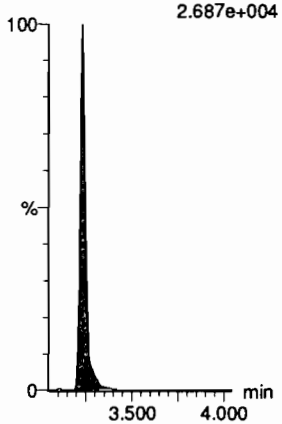
13C2-PFHxA-EIS



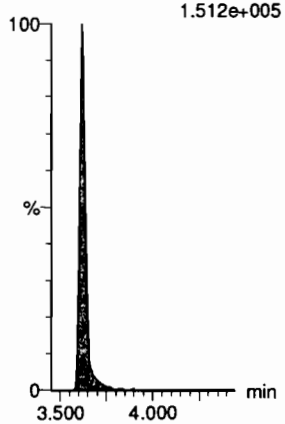
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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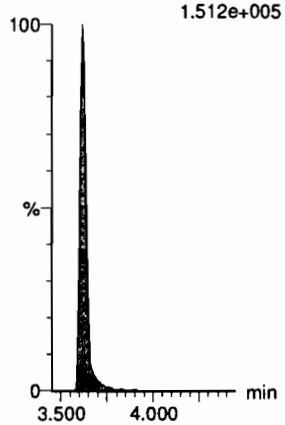

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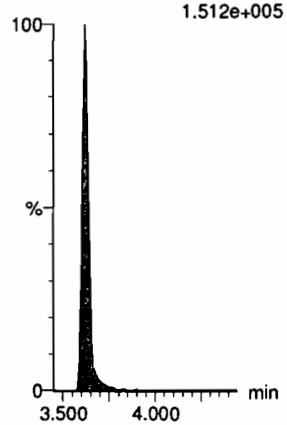

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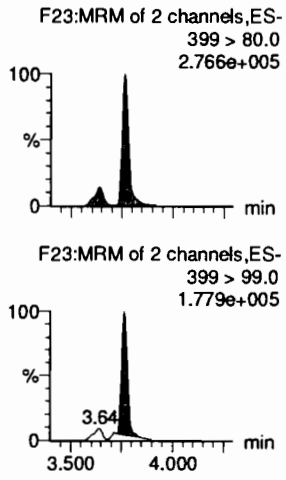
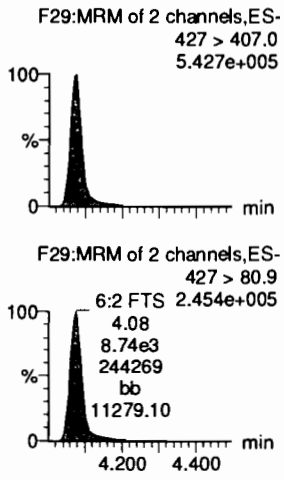
Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

L-PFHxS



6:2 FTS



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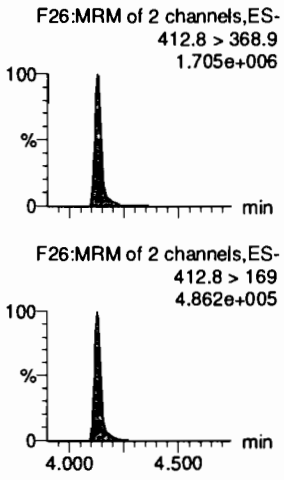
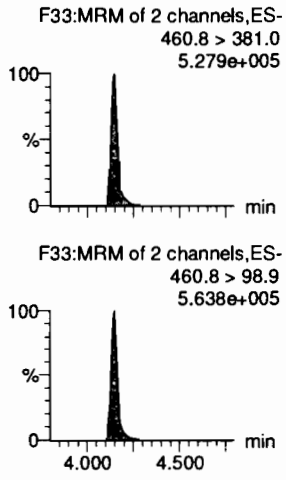
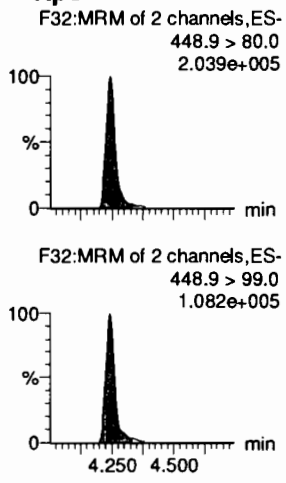


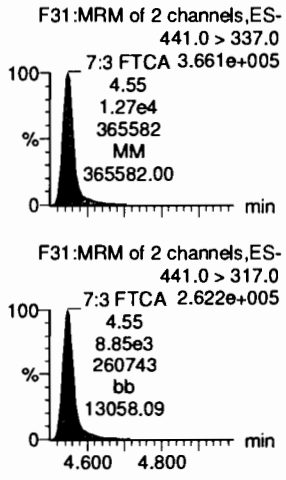
PFEChS



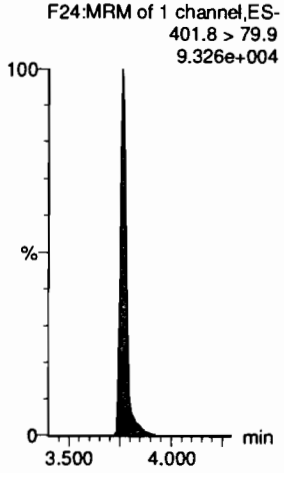
PFHpS



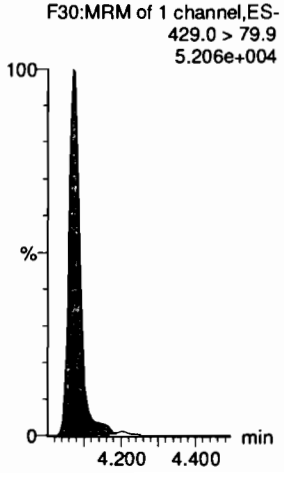
7:3 FTCA



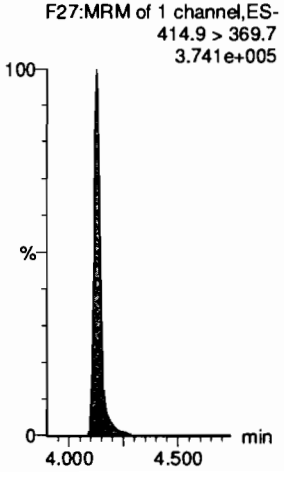
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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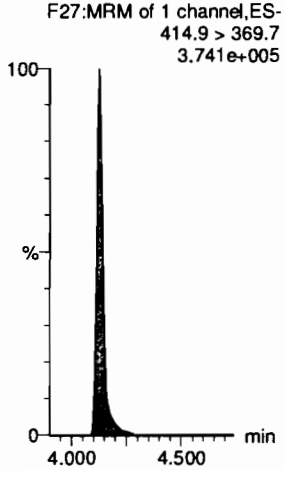
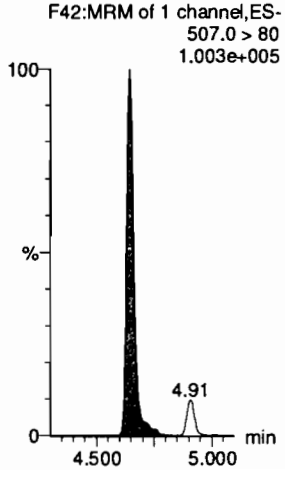
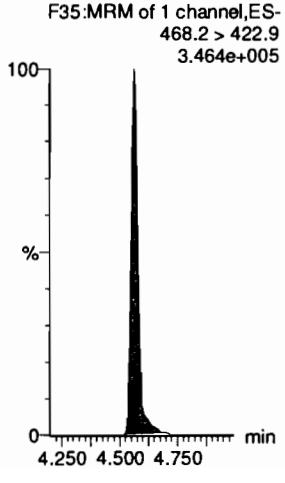


13C8-PFOS-EIS



13C5-PFNA-EIS



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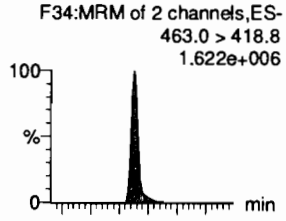
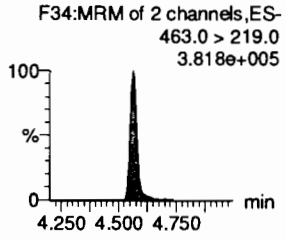
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

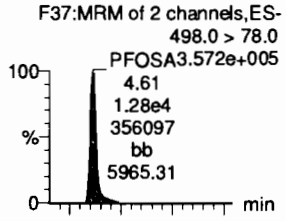
Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

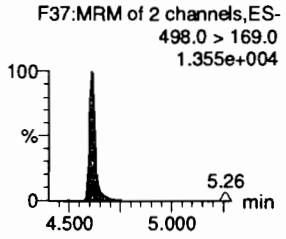
PFNA



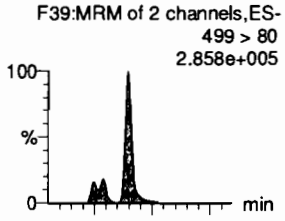


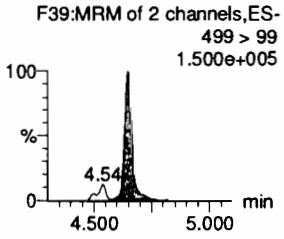
PFOSA



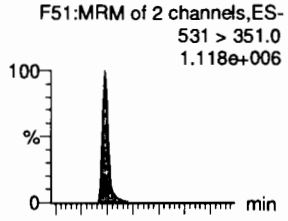


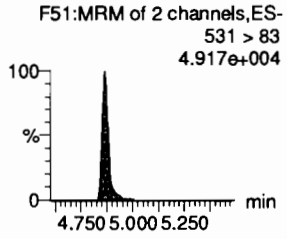
L-PFOS



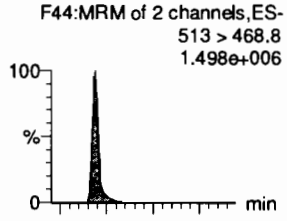


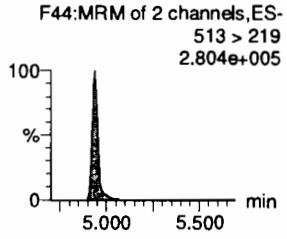
9Cl-PF30NS



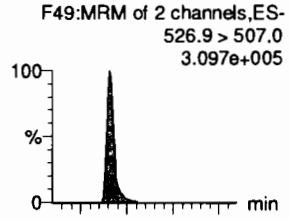


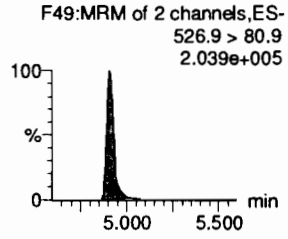
PFDA



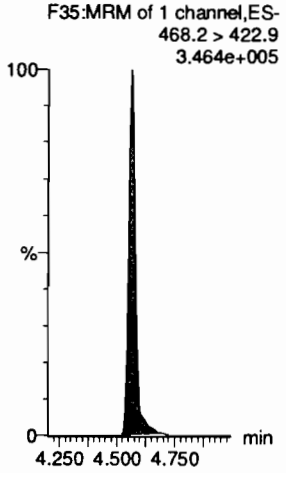


8:2 FTS

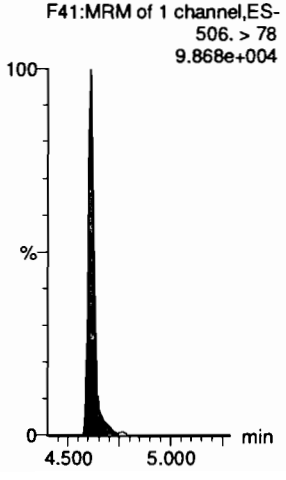




13C5-PFNA-EIS



13C8-PFOSA-EIS



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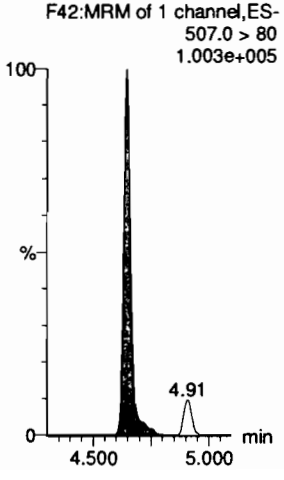
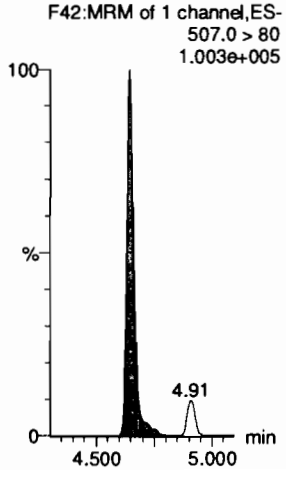
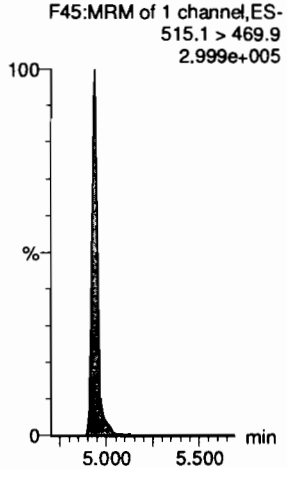


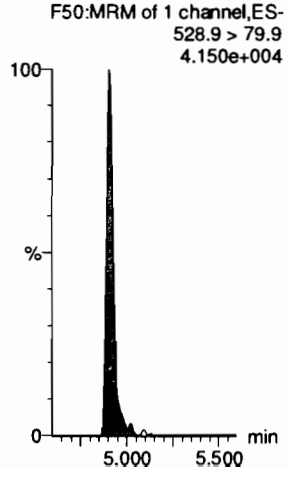
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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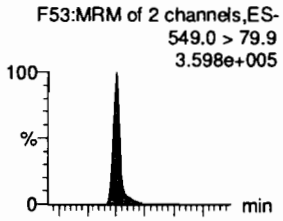
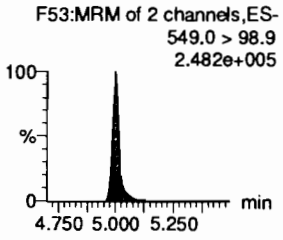
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

PFNS





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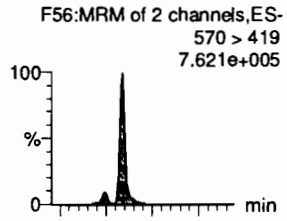

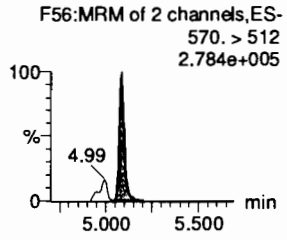

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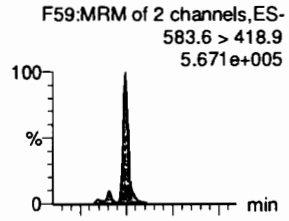
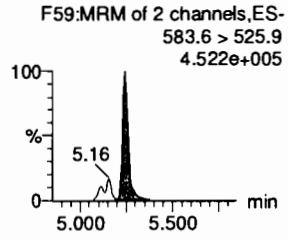
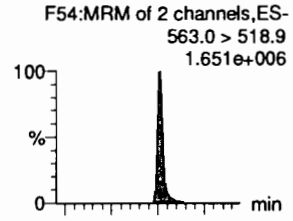
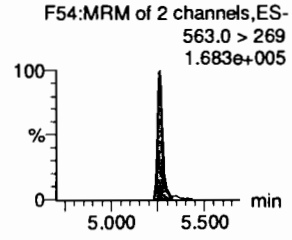


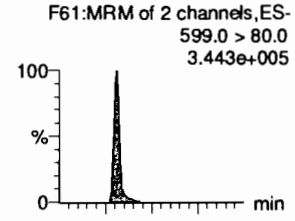


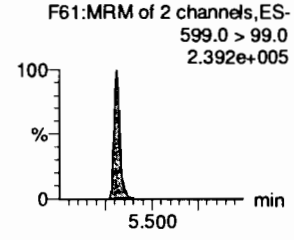
PFUdA



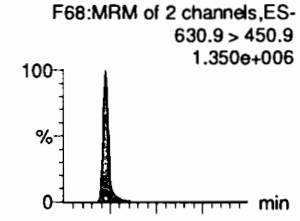


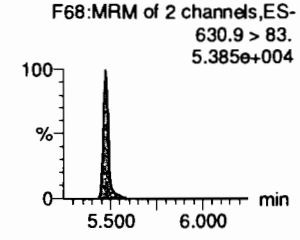
PFDS



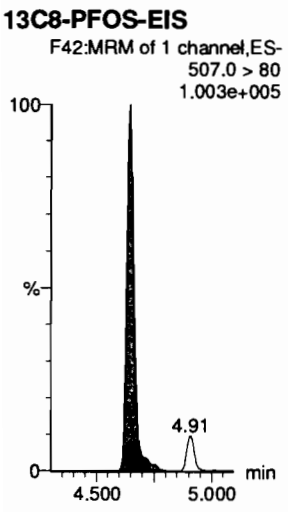


11Cl-PF30UdS

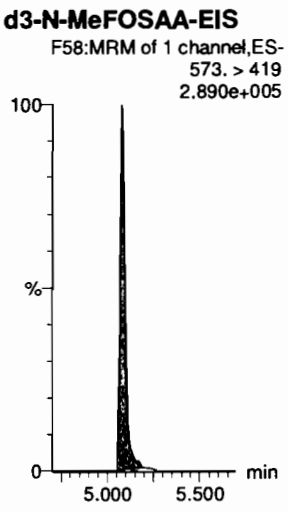




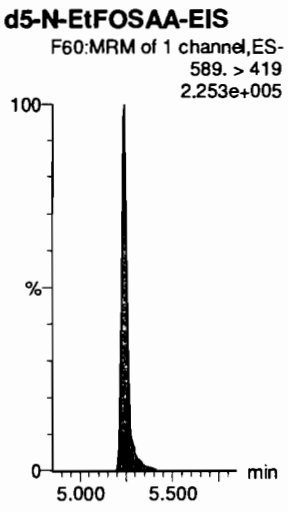
13C8-PFOS-EIS



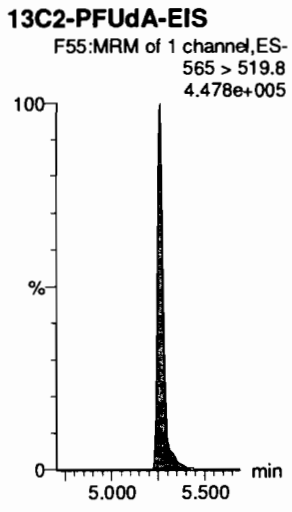
d3-N-MeFOSAA-EIS



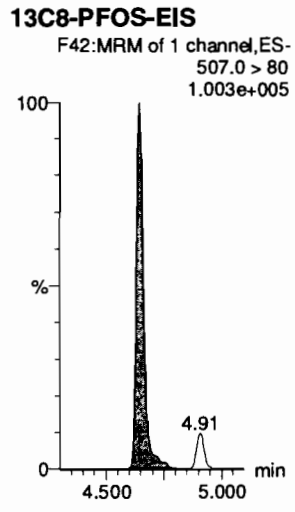
d5-N-EtFOSAA-EIS



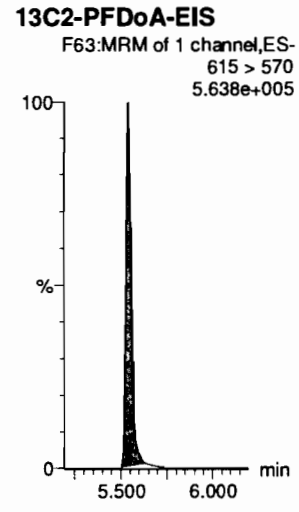
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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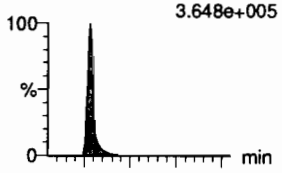
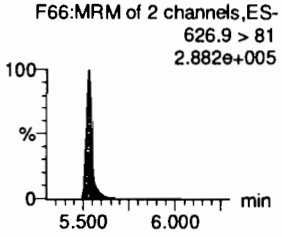
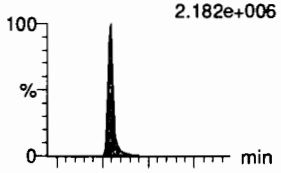
Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

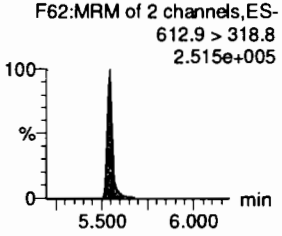
10:2 FTS



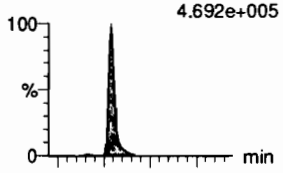


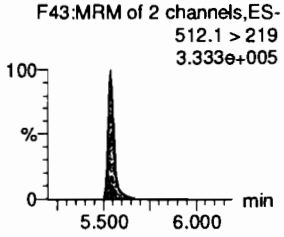
PFDoA





N-MeFOSA





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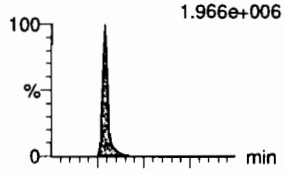
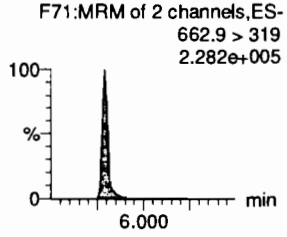
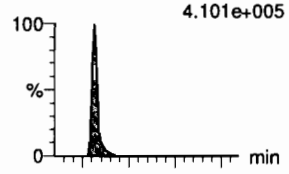
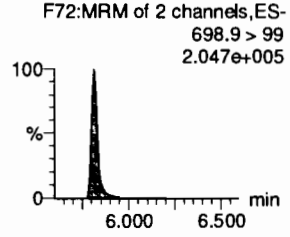




PFDoS





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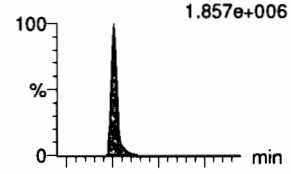
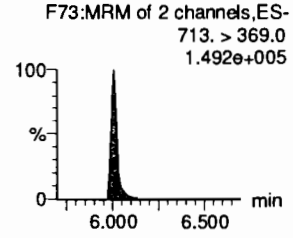
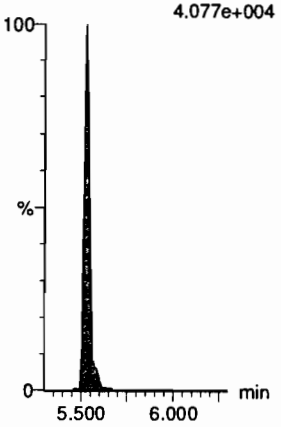
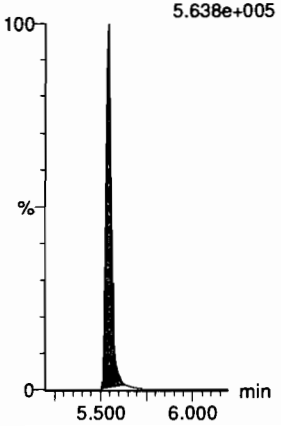




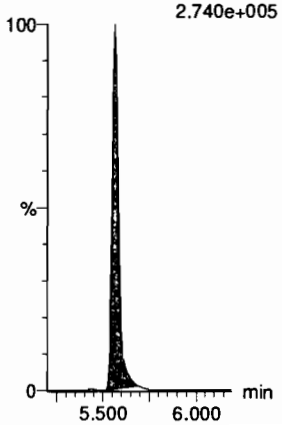
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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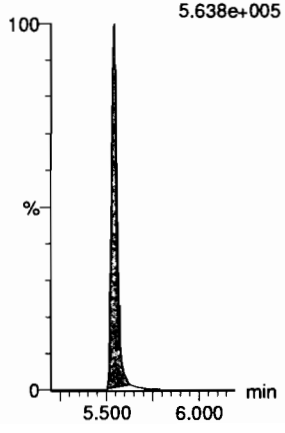
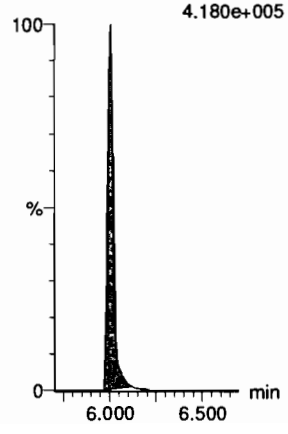


13C2-PFTeDA-EIS



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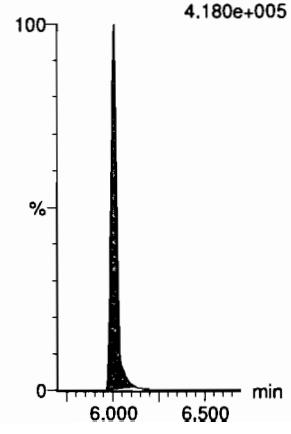

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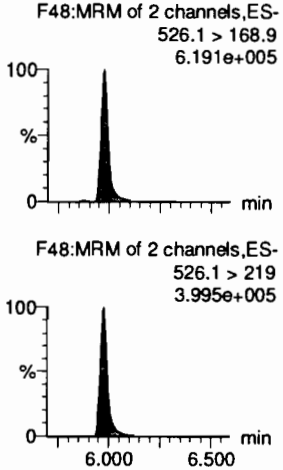
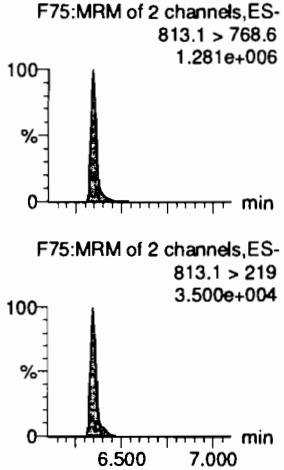
Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

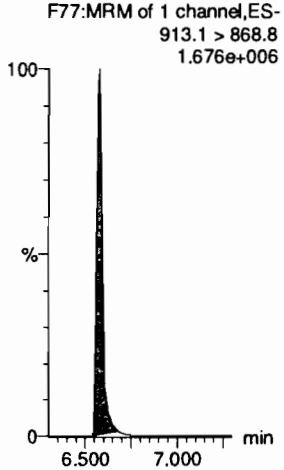
N-EtFOSA



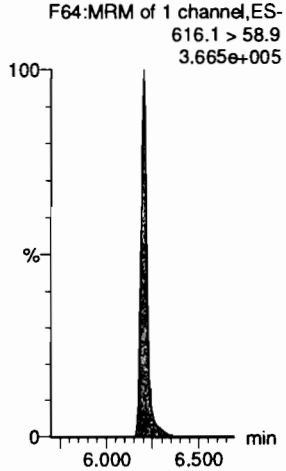
PFHxDA



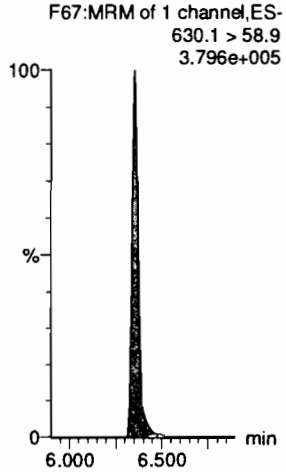
PFODA



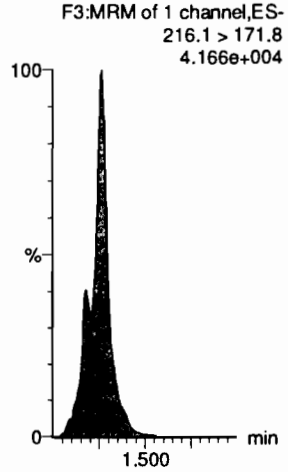
N-MeFOSE



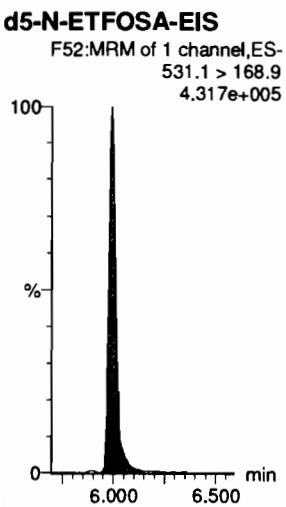
N-EtFOSE



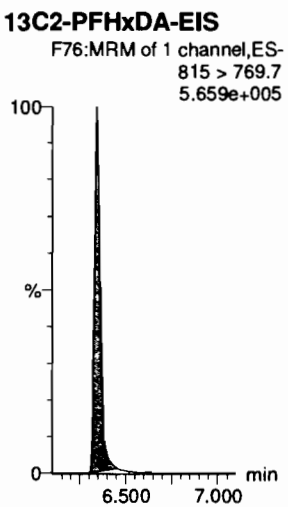
13C3-PFBA-RSD



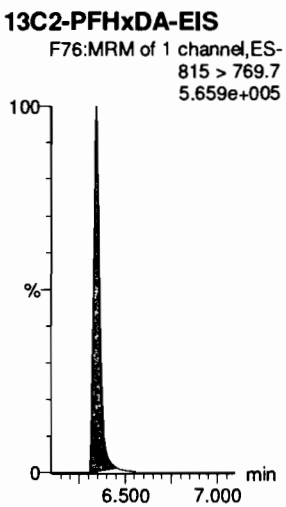
d5-N-ETFOSA-EIS



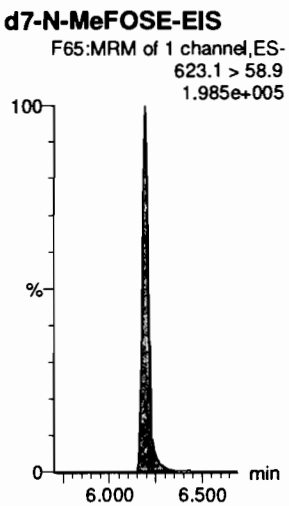
13C2-PFHxDA-EIS



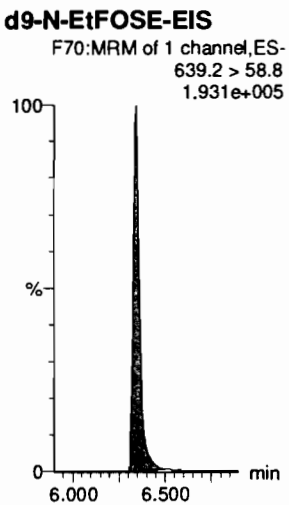
13C2-PFHxDA-EIS



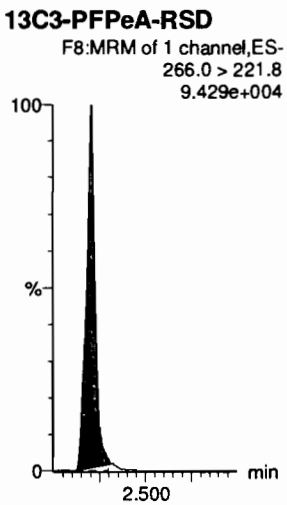
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

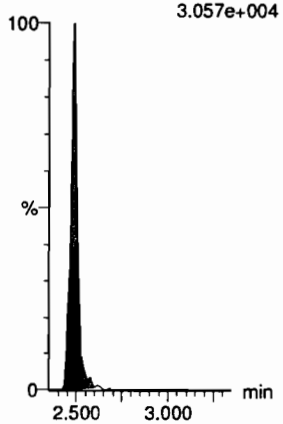


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

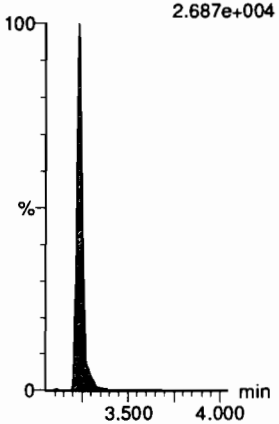
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

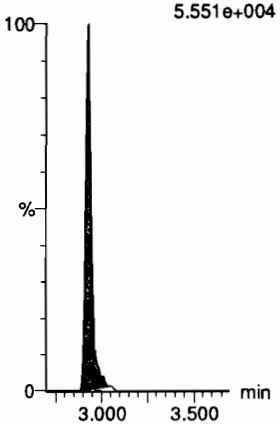
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.057e+004



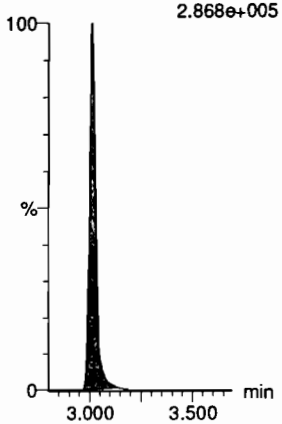
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.687e+004



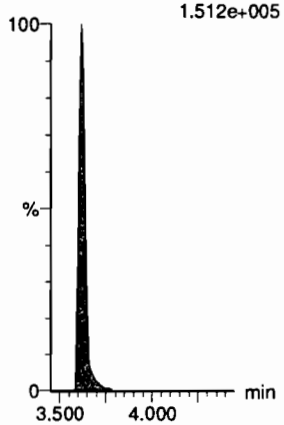
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.551e+004



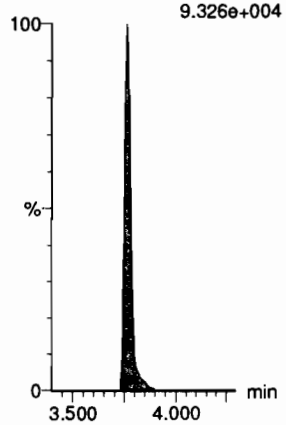
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.868e+005



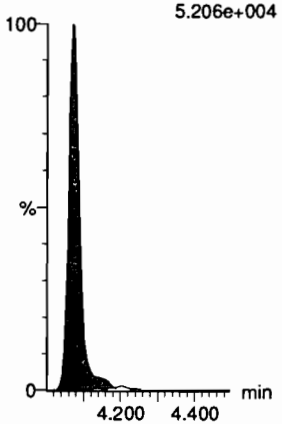
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.512e+005



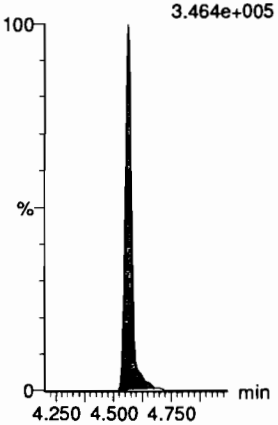
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.326e+004



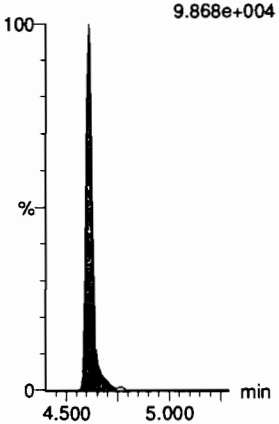
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.206e+004



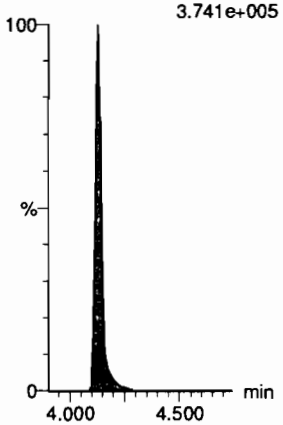
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.464e+005



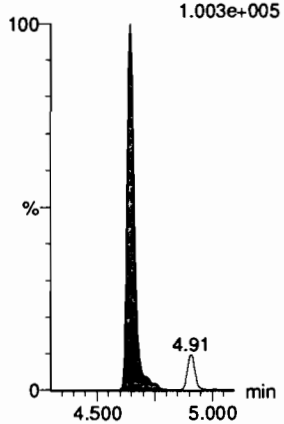
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
9.868e+004



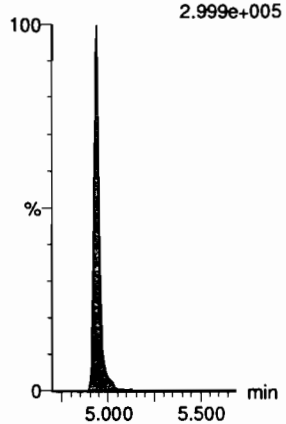
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.741e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
1.003e+005



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.999e+005

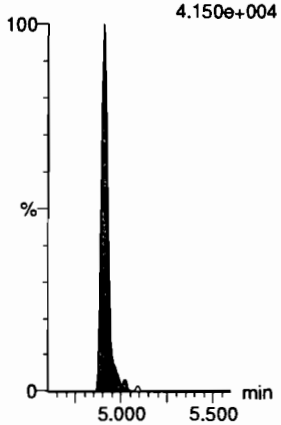


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

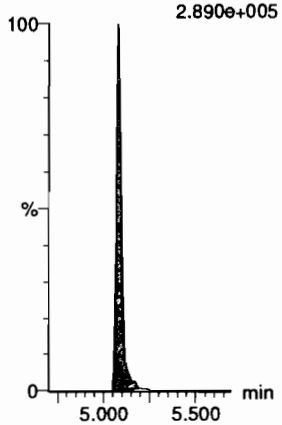
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

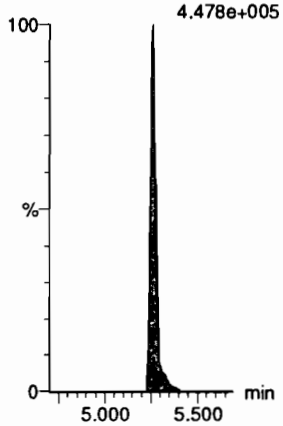
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.150e+004



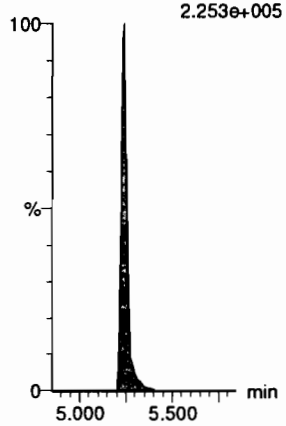
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.890e+005



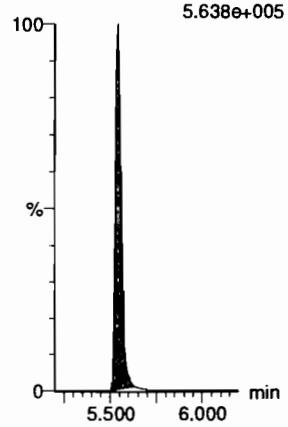
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.478e+005



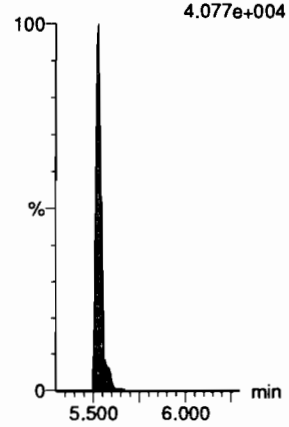
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.253e+005



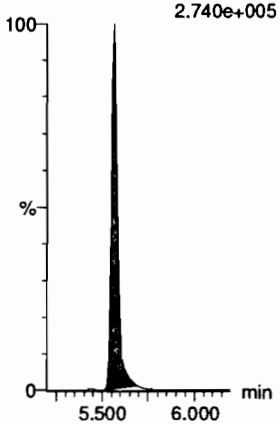
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.638e+005



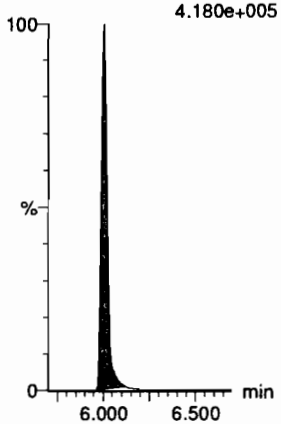
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.077e+004



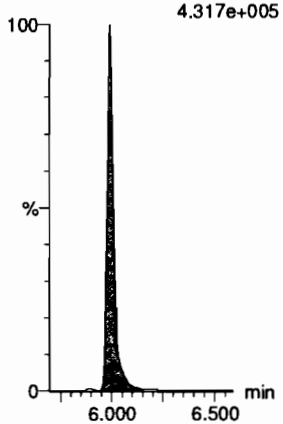
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.740e+005



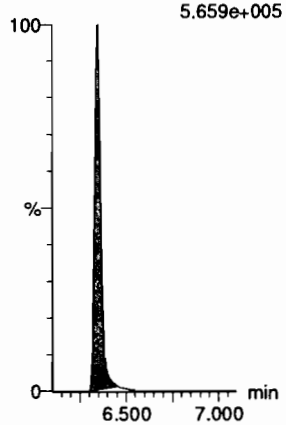
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
4.180e+005



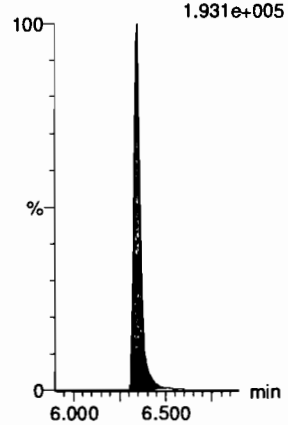
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.317e+005



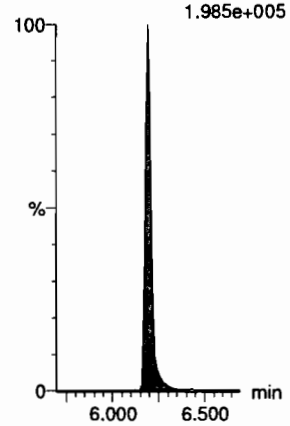
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.659e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
1.931e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.985e+005

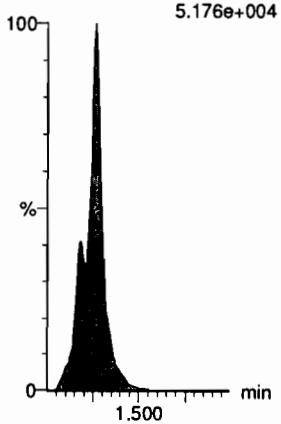


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

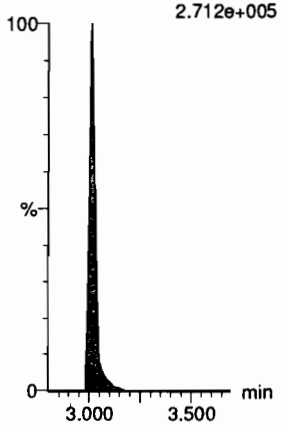
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_9, Date: 08-Jun-2020, Time: 16:25:54, ID: ST200608M1-7 PFC CS4 20F0303, Description: PFC CS4 20F0303

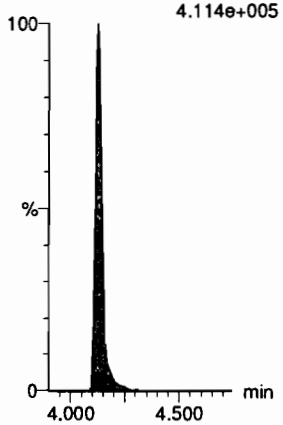
13C4-PFBA



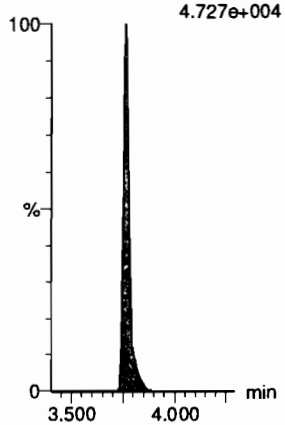
13C5-PFHxA



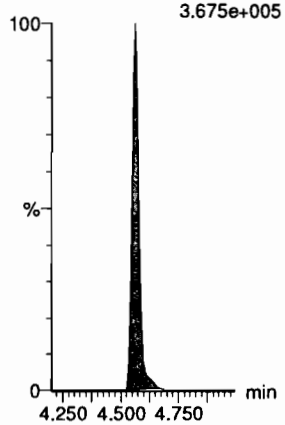
13C8-PFOA



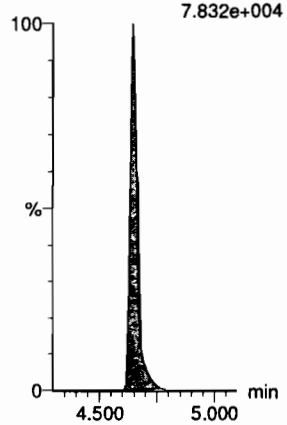
18O2-PFHxS



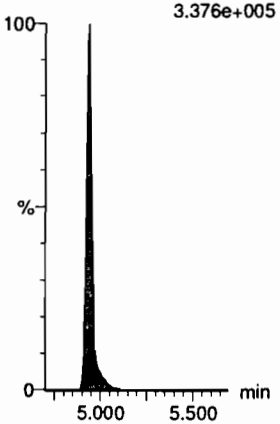
13C9-PFNA



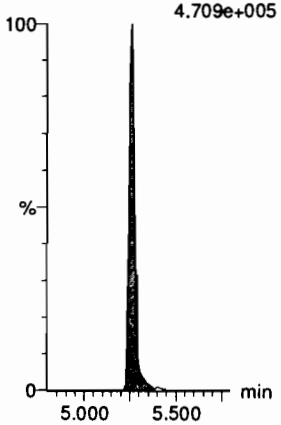
13C4-PFOS



13C6-PFDA



13C7-PFUdA

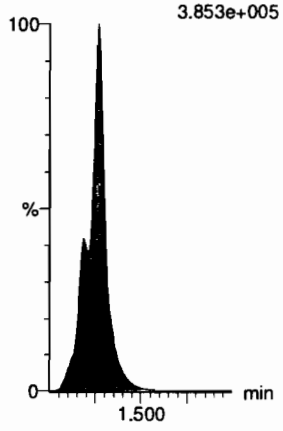


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

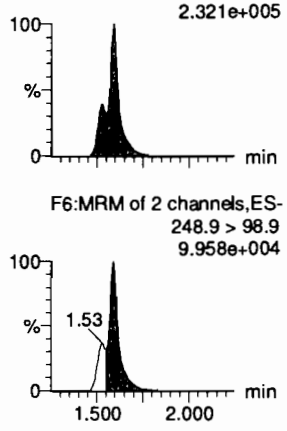
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

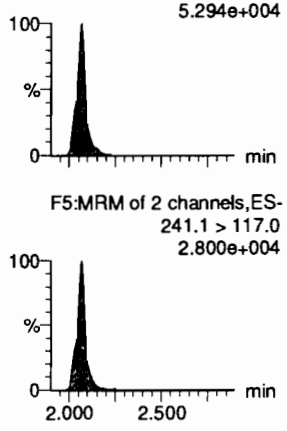
PFBA



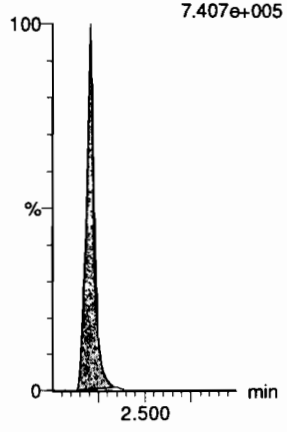
PFPrS



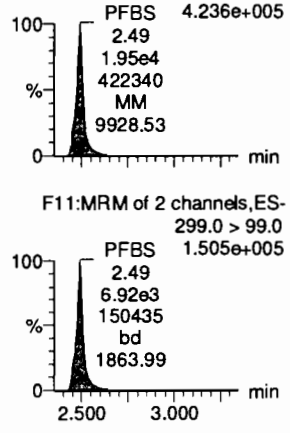
3:3 FTCA



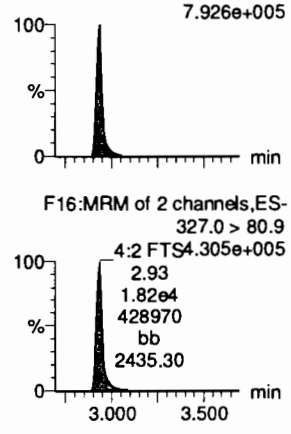
PFPeA



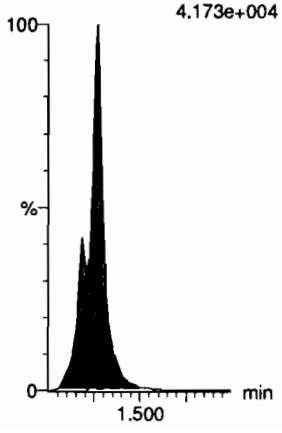
PFBS



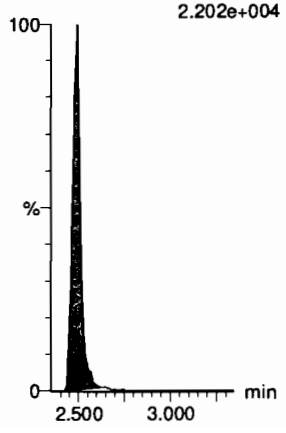
4:2 FTS



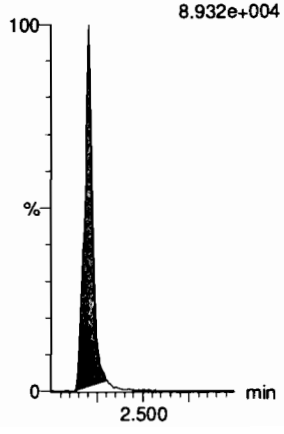
13C3-PFBA-EIS



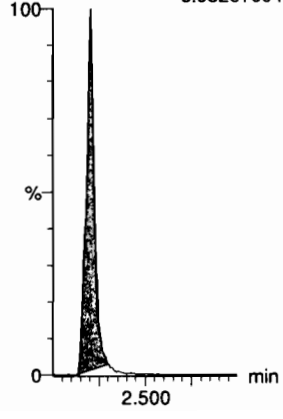
13C3-PFBS-EIS



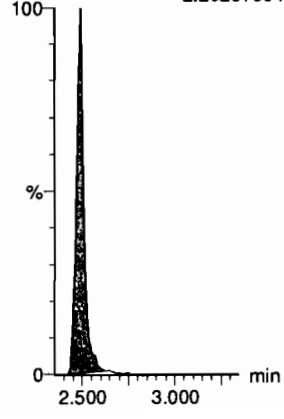
13C3-PFPeA-EIS



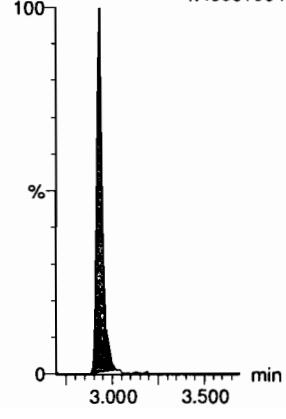
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

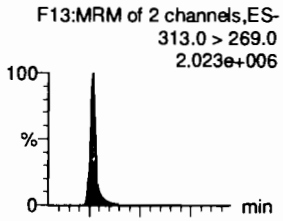


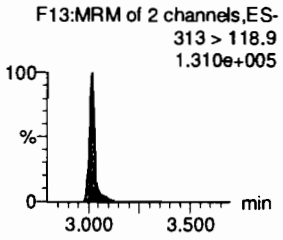
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

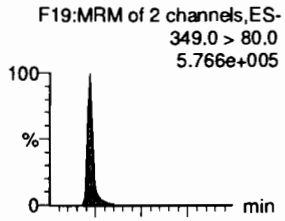
Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

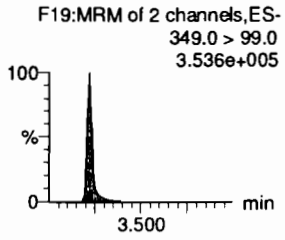
PFHxA



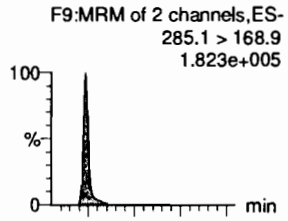


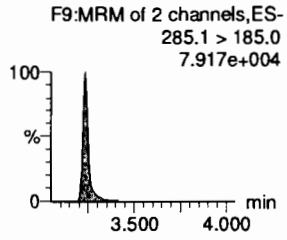
PFPeS



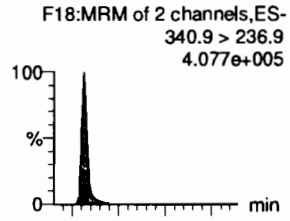


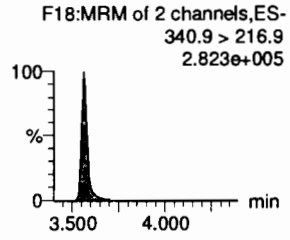
HFPO-DA



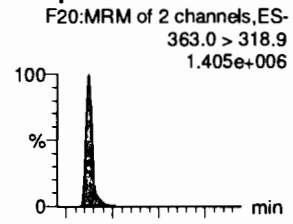


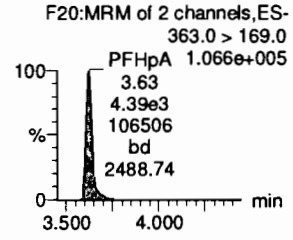
5:3 FTCA





PFHpA





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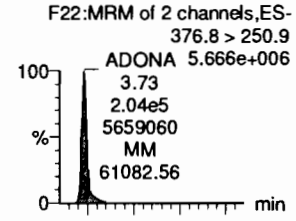
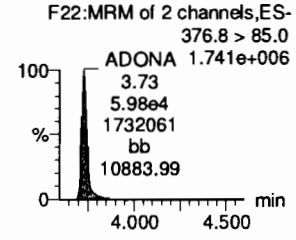
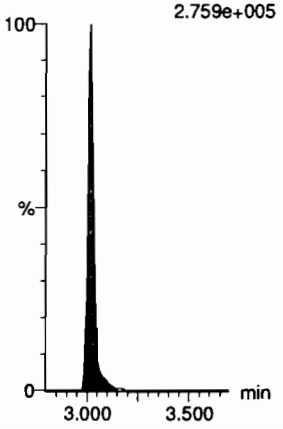
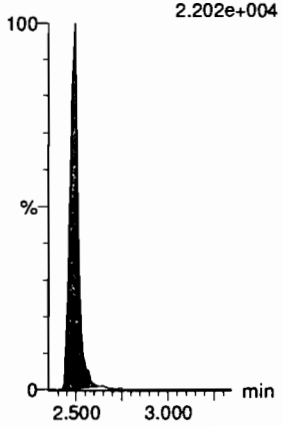




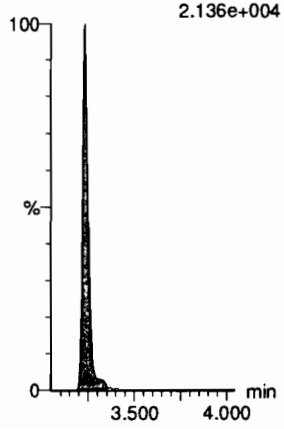
13C2-PFHxA-EIS



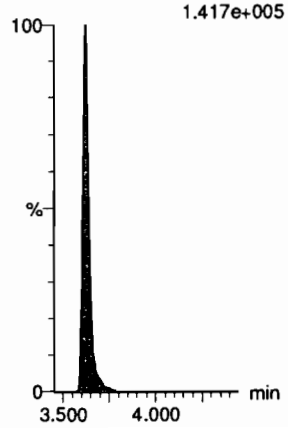
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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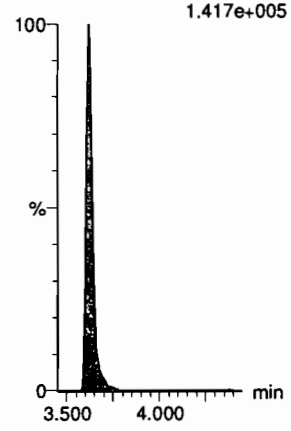

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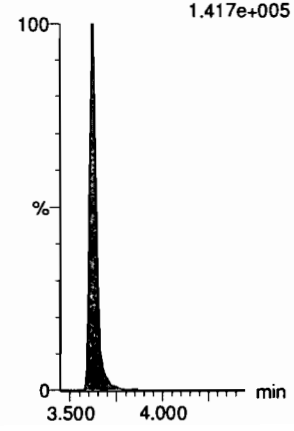

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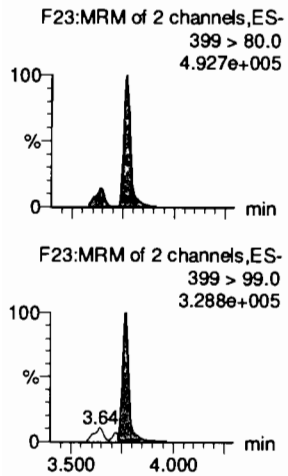
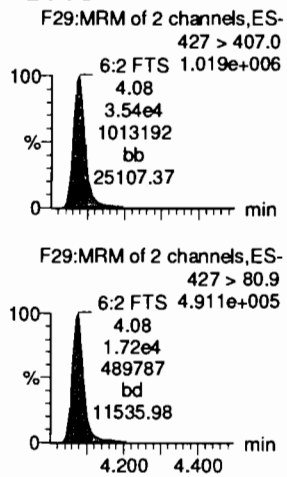
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

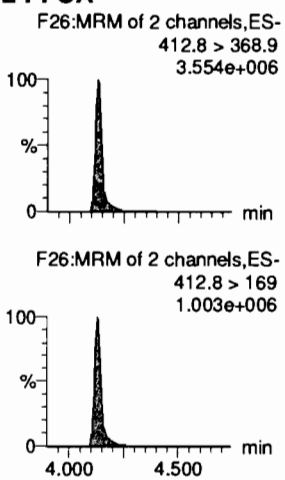
L-PFHxS



6:2 FTS



L-PFOA



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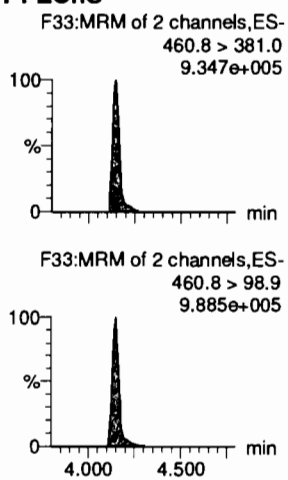
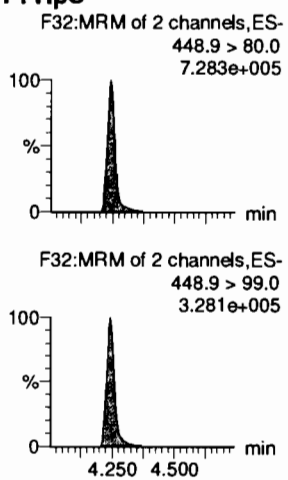
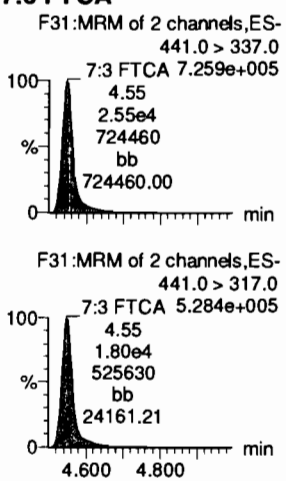


PFHpS



7:3 FTCA



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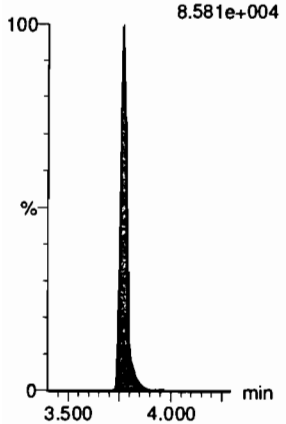
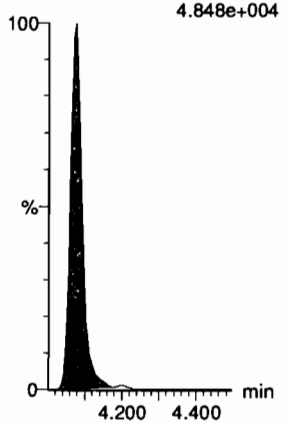
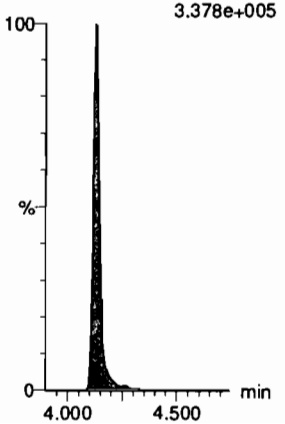


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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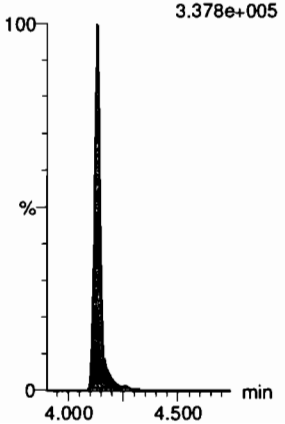
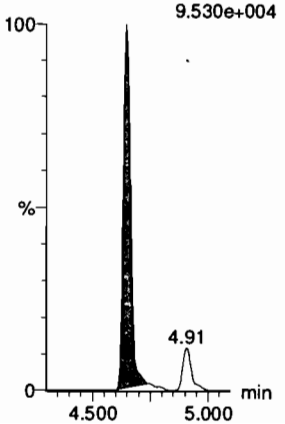
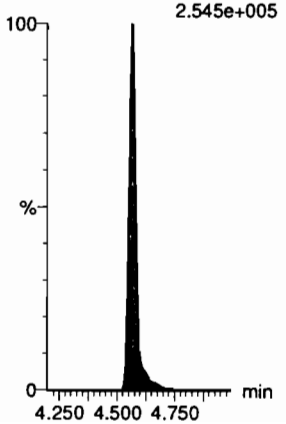


13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

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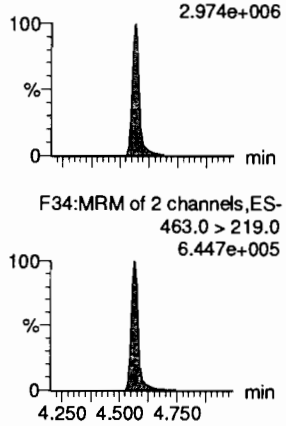
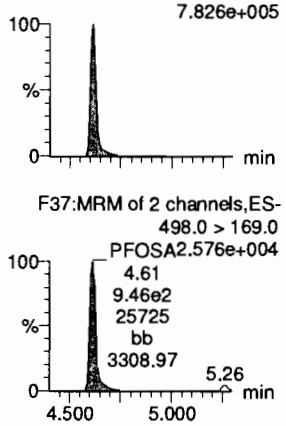
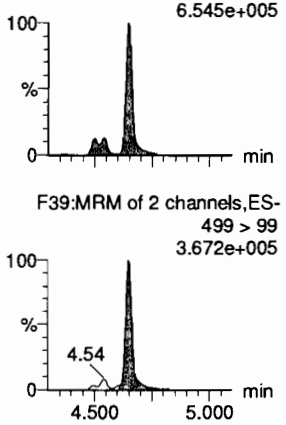


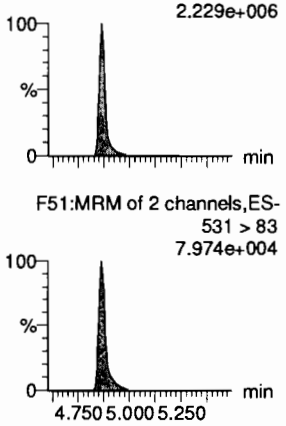
PFOSA



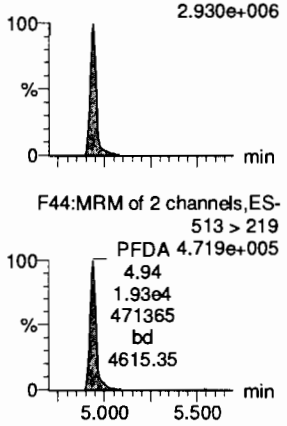
L-PFOS



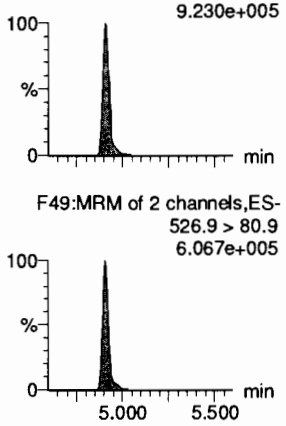
9Cl-PF30NS



PFDA



8:2 FTS



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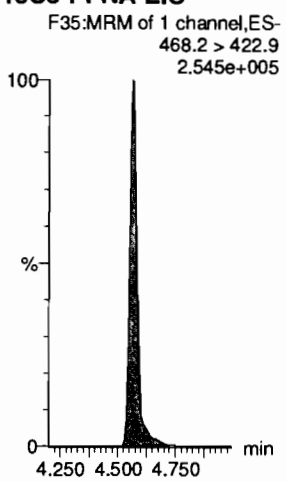
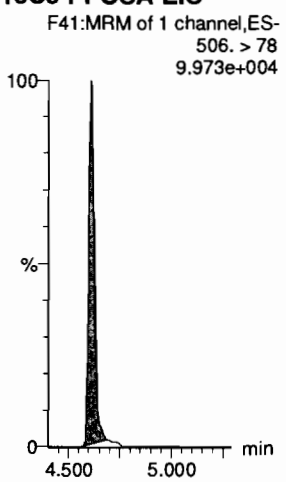


13C8-PFOSA-EIS



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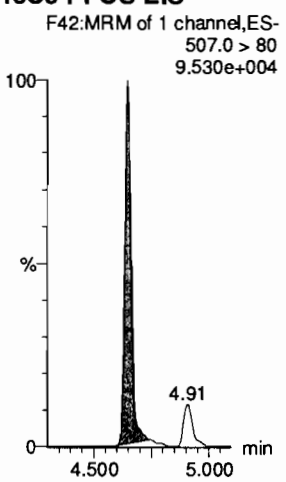

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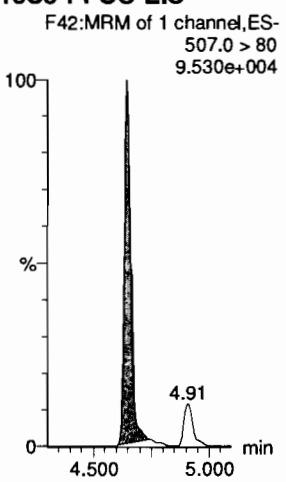
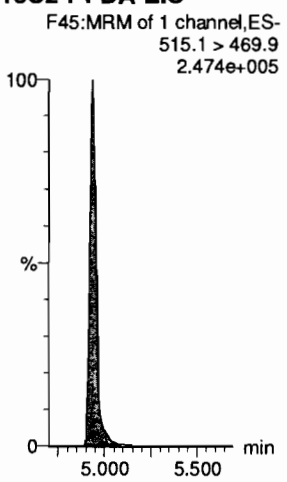
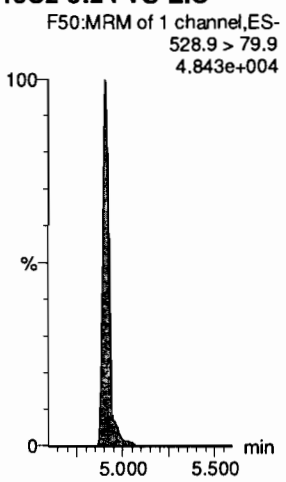


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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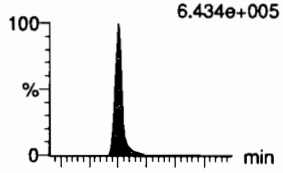
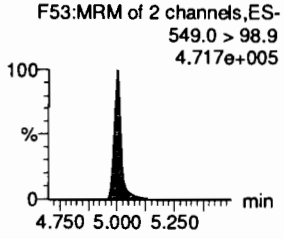
Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

PFNS





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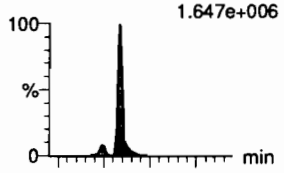

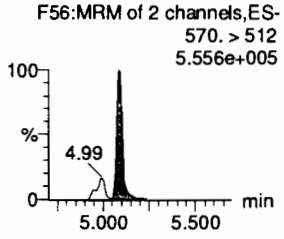

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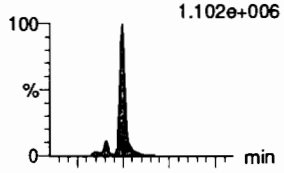
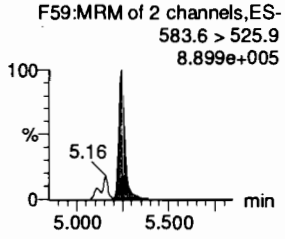
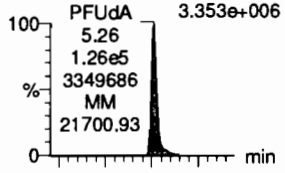
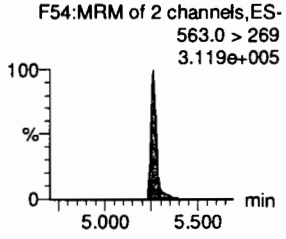


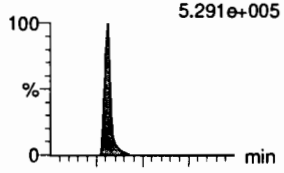


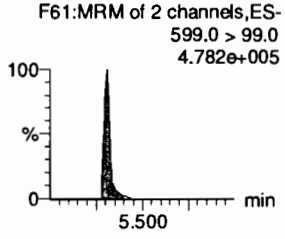
PFUdA



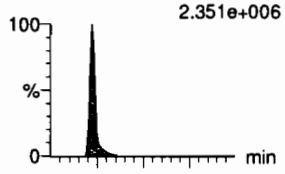


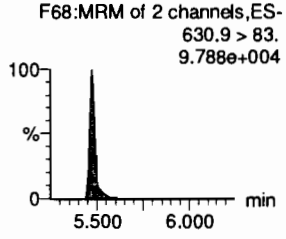
PFDS



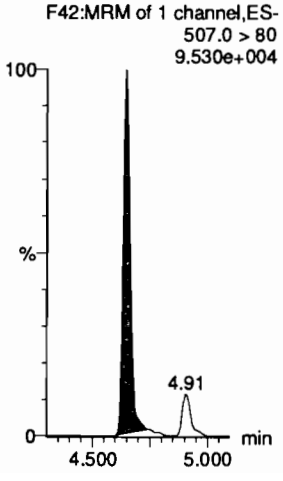


11Cl-PF30UdS

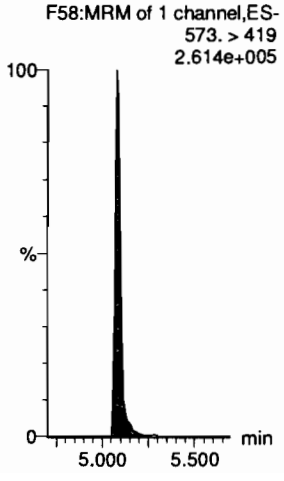




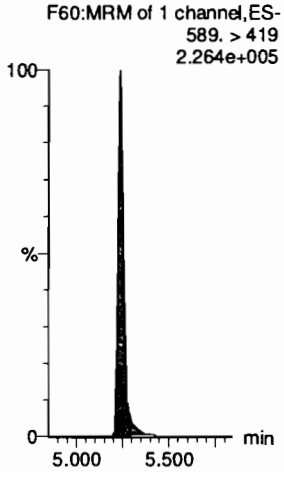
13C8-PFOS-EIS



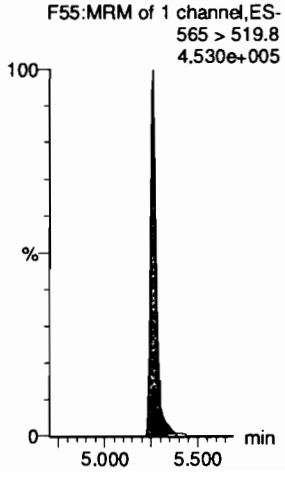
d3-N-MeFOSAA-EIS



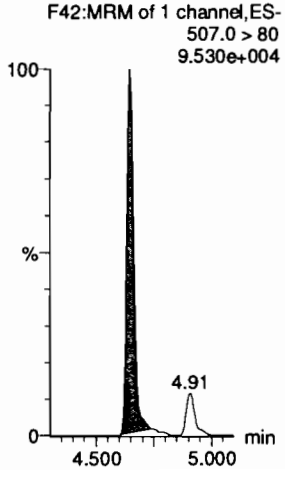
d5-N-EtFOSAA-EIS



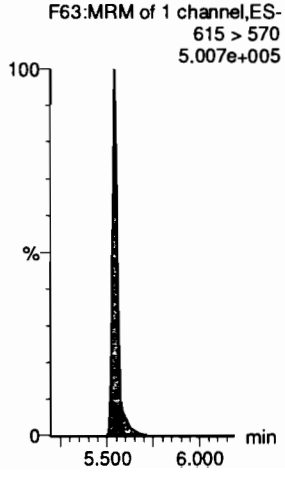
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

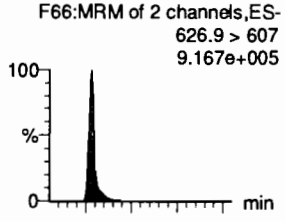


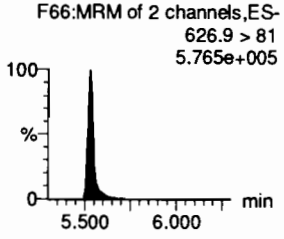
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

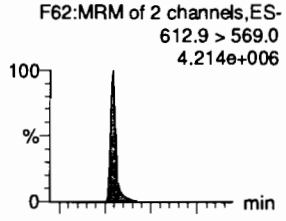
Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

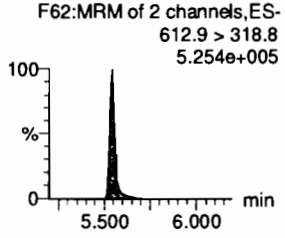
10:2 FTS



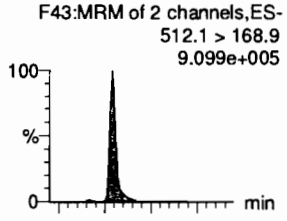


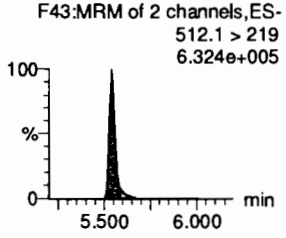
PFDoA



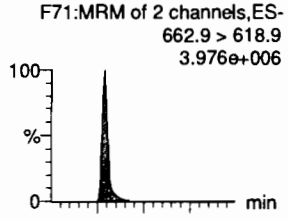


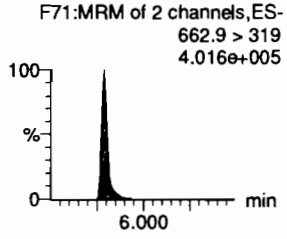
N-MeFOSA



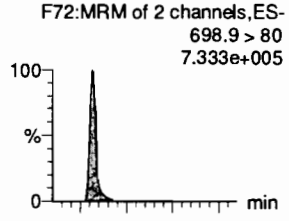


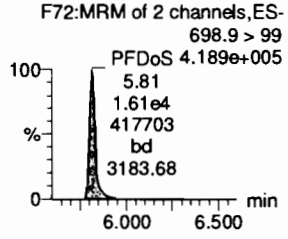
PFTrDA



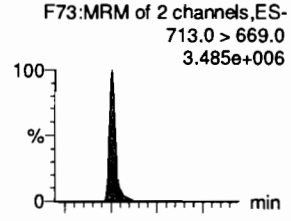


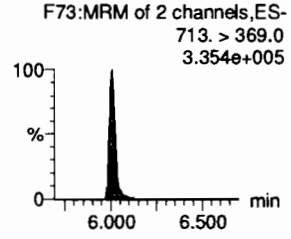
PFDoS



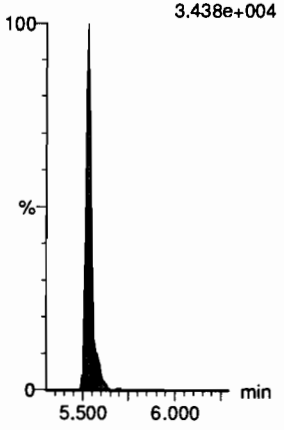


PFTeDA

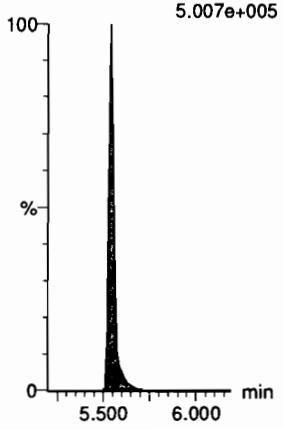




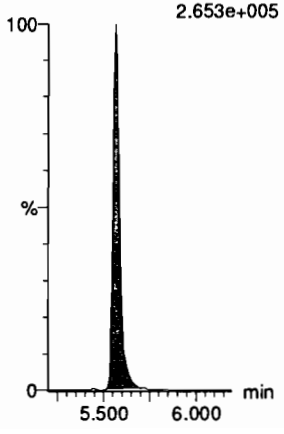
13C2-10:2 FTS-EIS



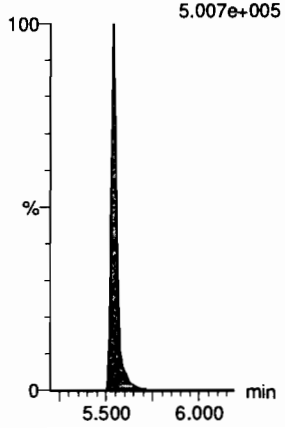
13C2-PFDoA-EIS



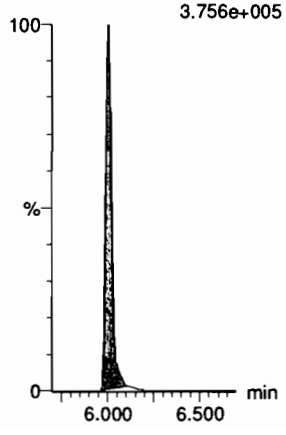
d3-N-MeFOSA-EIS



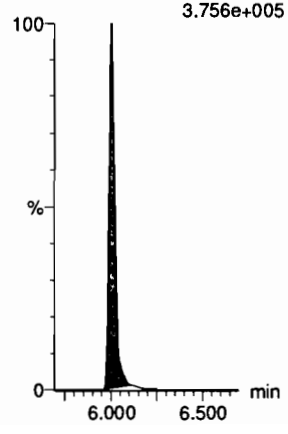
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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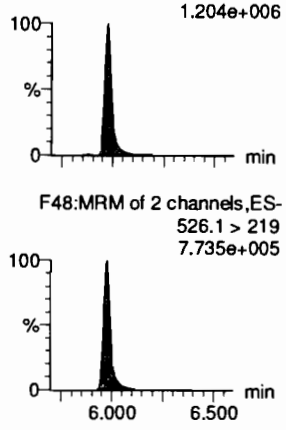
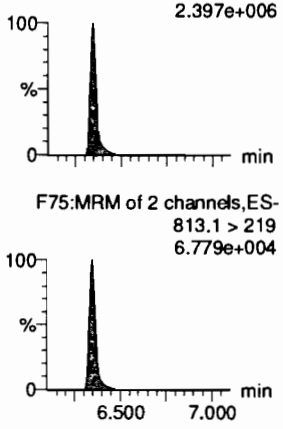
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

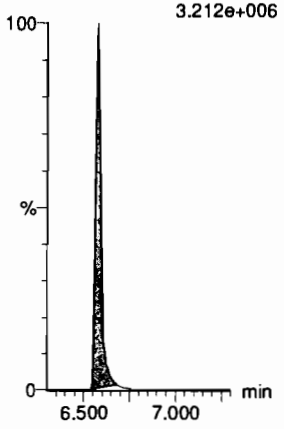
N-EtFOSA



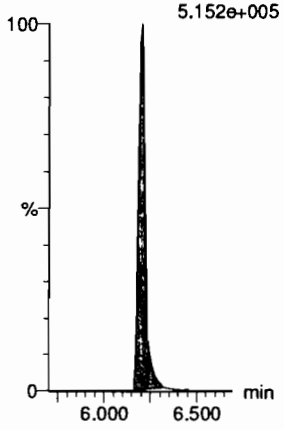
PFHxDA



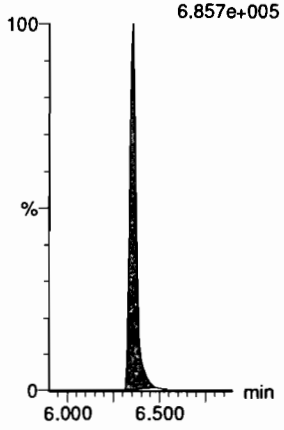
PFODA



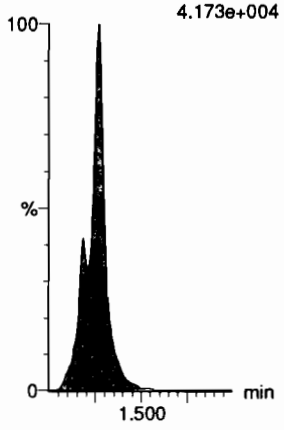
N-MeFOSE



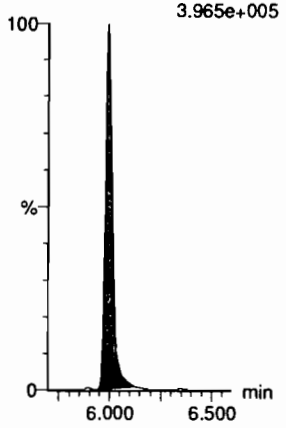
N-EtFOSE



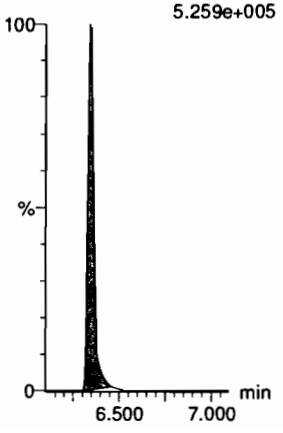
13C3-PFBA-RSD



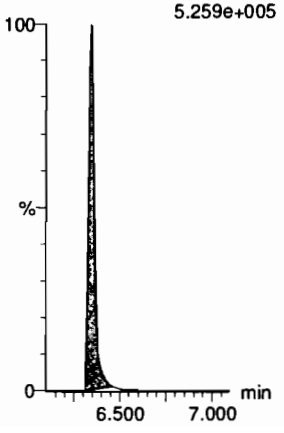
d5-N-ETFOSA-EIS



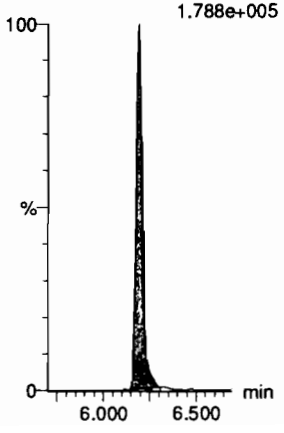
13C2-PFHxDA-EIS



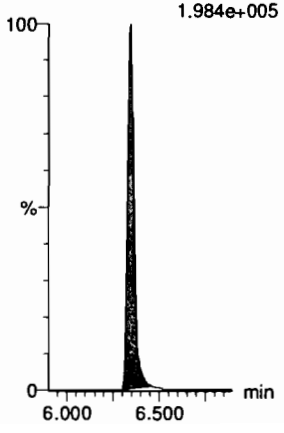
13C2-PFHxDA-EIS



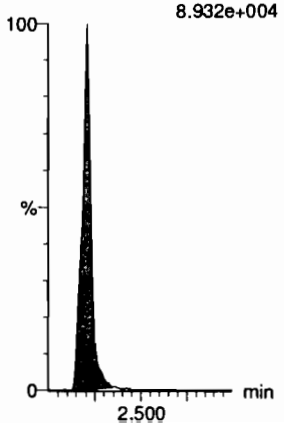
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

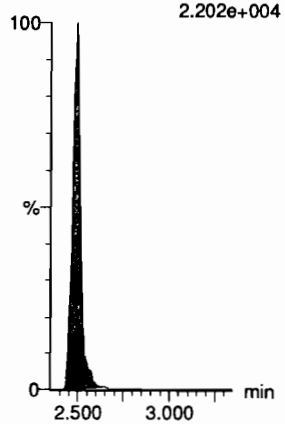


Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

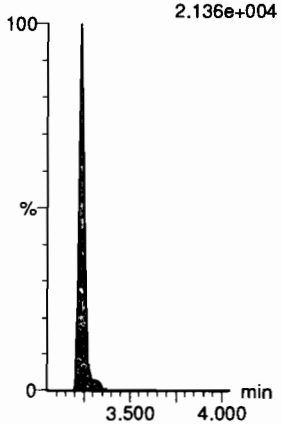
Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 09:29:31 Pacific Daylight Time

Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

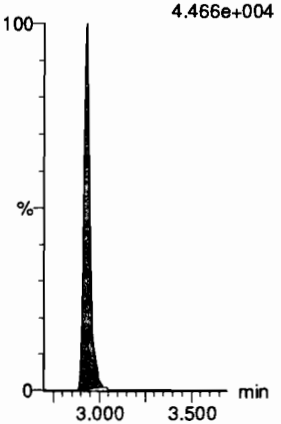
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.202e+004



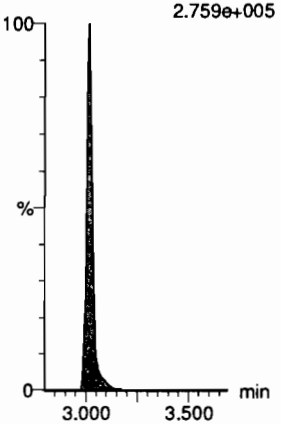
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.136e+004



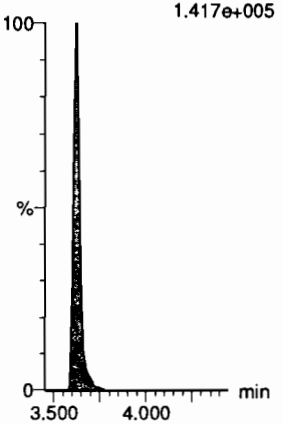
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.466e+004



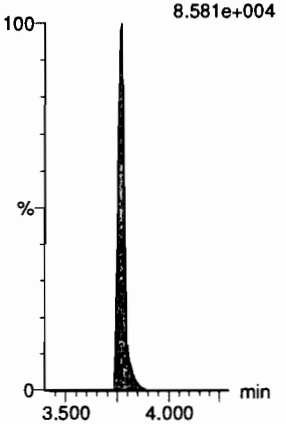
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.759e+005



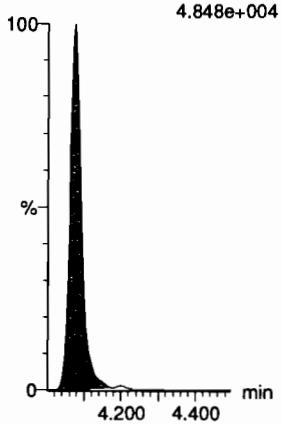
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.417e+005



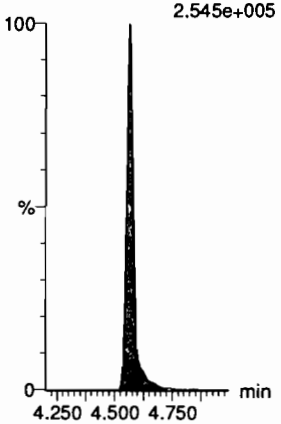
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
8.581e+004



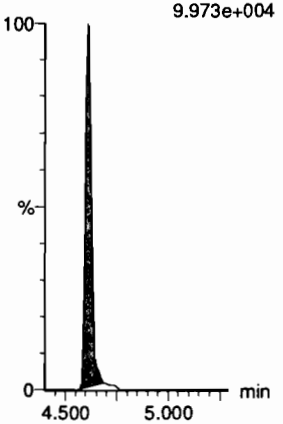
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.848e+004



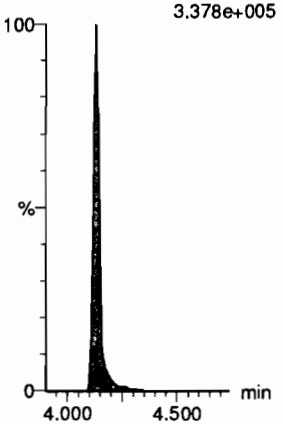
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
2.545e+005



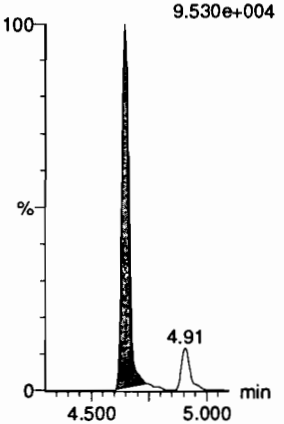
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
9.973e+004



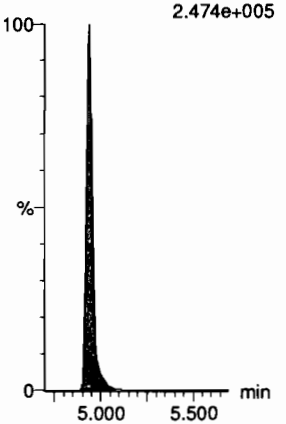
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.378e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
9.530e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.474e+005



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

Last Altered: Tuesday, June 09, 2020 09:24:32 Pacific Daylight Time
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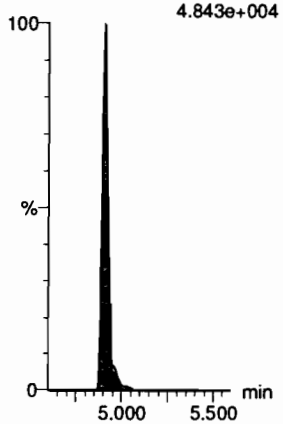
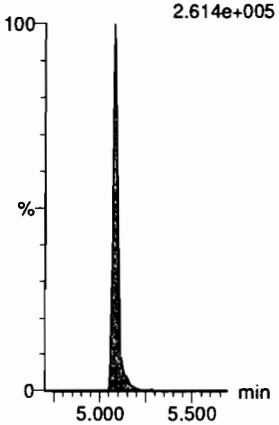
Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

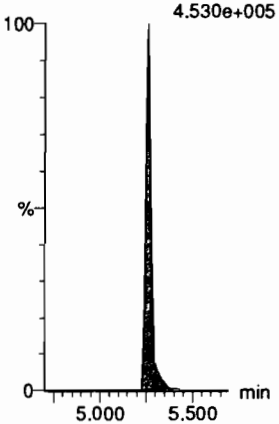
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.843e+004



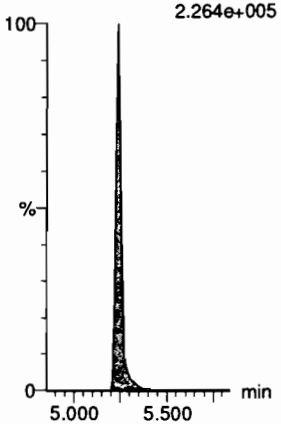
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.614e+005



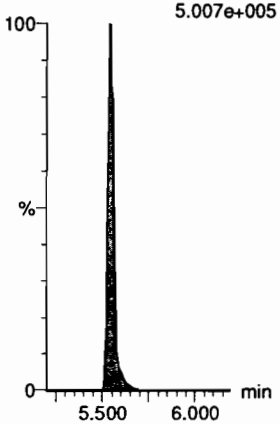
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.530e+005



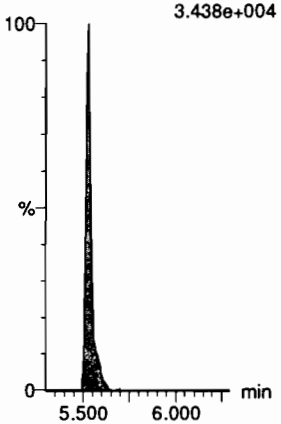
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.264e+005



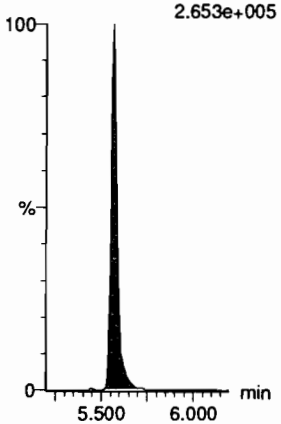
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.007e+005



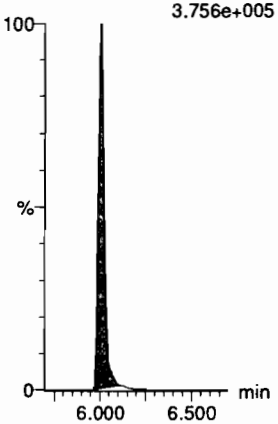
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
3.438e+004



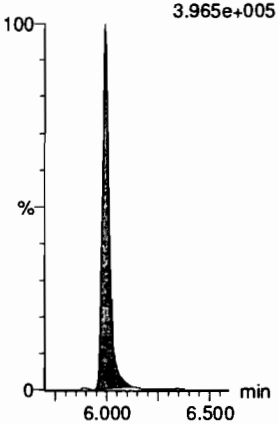
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.653e+005



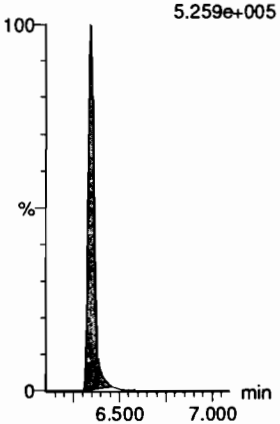
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.756e+005



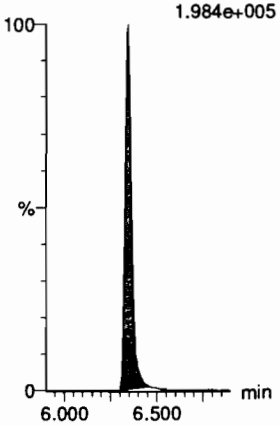
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
3.965e+005



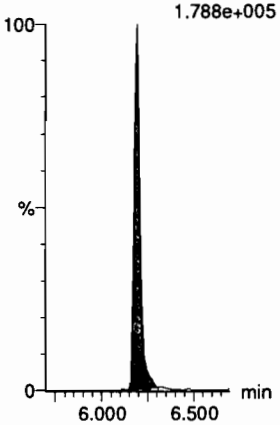
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.259e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
1.984e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.788e+005



Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-CRV.qld

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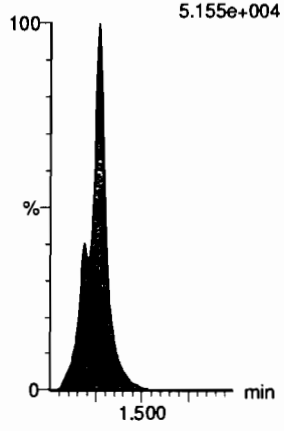
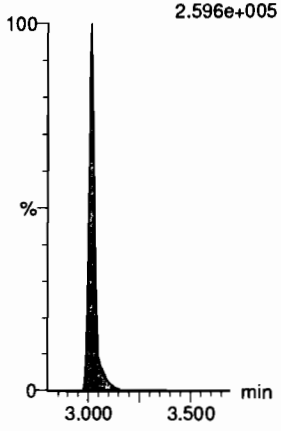
Name: 200608M1_10, Date: 08-Jun-2020, Time: 16:36:19, ID: ST200608M1-8 PFC CS5 20E2708, Description: PFC CS5 20E2708

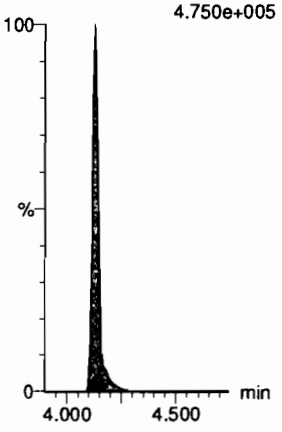
13C4-PFBA



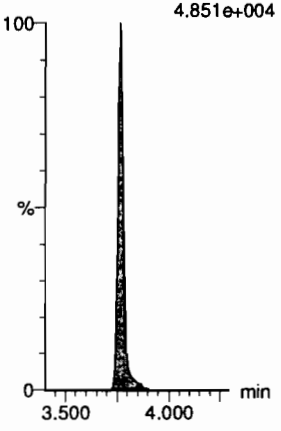
13C5-PFHxA



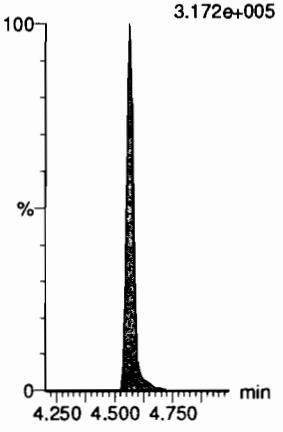
13C8-PFOA



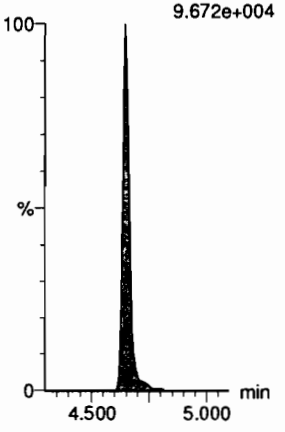
18O2-PFHxS



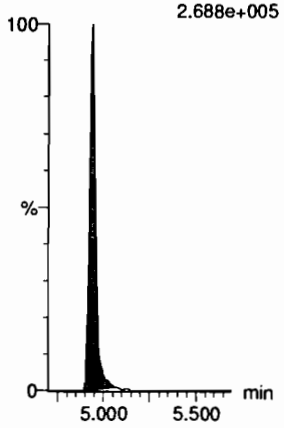
13C9-PFNA



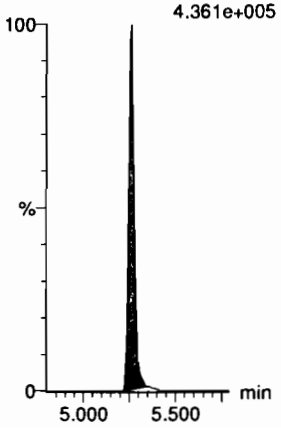
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

Jam 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-ICV.qld

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(A) Not in ICV

Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	4081.066	4217.356	1.00	1.26	12.096	10.000	10.0	100.2	NO		
2	2	PFPrS	248.9 > 79.9		1252.883	1.00			10.000		(A)	NO		
3	3	3:3 FTCA	241.1 > 177.0		4864.792	1.00			10.000			NO		
4	4	PFPeA	263.1 > 218.9	3864.384	4864.792	1.00	2.21	9.929	10.000	10.6	105.8	NO		
5	5	PFBS	299.0 > 79.7	1865.800	1252.883	1.00	2.49	18.615	8.840	8.61	97.4	NO	2.826	NO
6	6	4:2 FTS	327.0 > 306.9	3086.755	1789.331	1.00	2.93	21.564	9.360	10.0	107.2	NO	1.561	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	4217.356		1.00	1.26	4217.356	12.500	12.3	98.4	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1252.883		1.00	2.49	1252.883	12.500	13.2	105.5	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	4864.792		1.00	2.20	4864.792	12.500	12.2	97.5	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	4864.792		1.00	2.20	4864.792	12.500	12.2	97.5	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1252.883		1.00	2.49	1252.883	12.500	13.2	105.5	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	1789.331		1.00	2.93	1789.331	12.500	11.5	91.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	7746.298	9442.549	1.00	3.01	10.255	10.000	10.8	108.0	NO	17.055	NO
15	8	PFPeS	349.0 > 80.0	1986.088	1252.883	1.00	3.22	19.815	9.360	8.32	88.9	NO	1.800	NO
16	9	HFPO-DA	285.1 > 168.9	690.459	934.258	1.00	3.24	9.238	10.000	9.65	96.5	NO	1.936	NO
17	10	5:3 FTCA	340.9 > 236.9		6220.317	1.00			10.000		(A)	NO		
18	11	PFHpA	363.0 > 318.9	5721.042	6220.317	1.00	3.62	11.497	10.000	8.72	87.2	NO	14.022	NO
19	12	ADONA	376.8 > 250.9	20079.854	6220.317	1.00	3.73	40.351	9.440	9.30	98.6	NO	3.219	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9442.549		1.00	3.01	9442.549	12.500	12.9	103.2	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1252.883		1.00	2.49	1252.883	12.500	13.2	105.5	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	934.258		1.00	3.23	934.258	12.500	12.7	101.6	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	6220.317		1.00	3.62	6220.317	12.500	13.0	104.0	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	6220.317		1.00	3.62	6220.317	12.500	13.0	104.0	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	6220.317		1.00	3.62	6220.317	12.500	13.0	104.0	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	2205.683	3329.653	1.00	3.77	8.280	9.120	8.07	88.5	NO	1.512	NO
28	15	6:2 FTS	427. > 407.0	4034.958	1743.878	1.00	4.08	28.922	9.480	10.3	109.1	NO	2.046	NO
29	16	L-PFOA	412.8 > 368.9	13669.968	12035.136	1.00	4.13	14.198	10.000	10.9	109.4	NO	3.958	NO
30	18	PFecHS	460.8 > 381.0		12035.136	1.00			10.000		(A)	NO		
31	19	PFHpS	448.9 > 80.0	2319.568	3154.424	1.00	4.24	9.192	9.520	11.5	120.5	NO	2.304	NO
32	20	7:3 FTCA	441.0 > 337.0		11055.206	1.00			10.000		(A)	NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3329.653		1.00	3.77	3329.653	12.500	12.7	101.8	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1743.878		1.00	4.08	1743.878	12.500	12.3	98.4	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	12035.136		1.00	4.13	12035.136	12.500	11.8	94.6	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	12035.136		1.00	4.13	12035.136	12.500	11.8	94.6	NO		

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Last Altered: Tuesday, June 09, 2020 12:07:07 Pacific Daylight Time
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Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	3154.424		1.00	4.65	3154.424	12.500	10.7	85.2	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	11055.206		1.00	4.56	11055.206	12.500	12.5	99.7	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	11116.249	11055.206	1.00	4.56	12.569	10.000	10.3	102.5	NO	4.838	NO
41	22	PFOSA	498.0 > 78.0	2821.795	3168.010	1.00	4.61	11.134	10.000	12.1	121.0	NO	31.028	NO
42	23	L-PFOS	499 > 80	2555.449	3154.424	1.00	4.65	10.126	9.280	11.5	123.7	NO	2.261	NO
43	25	9Cl-PF30NS	531 > 351.0	8273.278	3154.424	1.00	4.86	32.784	9.320	12.1	129.4	NO	21.335	NO
44	26	PFDA	513 > 468.8	13136.479	10418.914	1.00	4.94	15.760	10.000	11.4	113.7	NO	5.461	NO
45	27	8:2 FTS	526.9 > 507.0	3282.224	1931.202	1.00	4.91	21.245	9.600	7.89	82.2	NO	1.332	NO
46	65	13C5-PFNA-EIS	468.2 > 422.9	11055.206		1.00	4.56	11055.206	12.500	12.5	99.7	NO		
47	67	13C8-PFOSA-EIS	506. > 78	3168.010		1.00	4.61	3168.010	12.500	11.3	90.1	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	3154.424		1.00	4.65	3154.424	12.500	10.7	85.2	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	3154.424		1.00	4.65	3154.424	12.500	10.7	85.2	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	10418.914		1.00	4.94	10418.914	12.500	12.2	97.6	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1931.202		1.00	4.91	1931.202	12.500	11.6	93.2	NO		
52	-1													
53	28	PFNS	549.0 > 79.9	2134.697	3154.424	1.00	5.00	8.459	9.600	9.96	103.8	NO	1.513	NO
54	29	L-MeFOSAA	570 > 419	6492.482	8848.275	1.00	5.09	9.172	10.000	11.2	111.6	NO	2.380	NO
55	31	L-EtFOSAA	583.6 > 418.9	4853.472	9591.553	1.00	5.24	6.325	10.000	8.53	85.3	NO	1.092	NO
56	33	PFUdA	563.0 > 518.9	11338.192	16062.282	1.00	5.26	8.824	10.000	10.0	100.3	NO	11.729	NO
57	34	PFDS	599.0 > 80.0	2148.750	3154.424	1.00	5.31	8.515	9.640	10.0	103.7	NO	1.331	NO
58	35	11Cl-PF30UdS	630.9 > 450.9	8403.888	18382.607	1.00	5.47	5.715	9.440	9.06	96.0	NO	28.246	NO
59	71	13C8-PFOS-EIS	507.0 > 80	3154.424		1.00	4.65	3154.424	12.500	10.7	85.2	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	8848.275		1.00	5.08	8848.275	12.500	12.3	98.1	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	9591.553		1.00	5.24	9591.553	12.500	13.7	109.8	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	16062.282		1.00	5.26	16062.282	12.500	11.6	92.7	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	3154.424		1.00	4.65	3154.424	12.500	10.7	85.2	NO		
64	83	13C2-PFDoA-EIS	615 > 570	18382.607		1.00	5.54	18382.607	12.500	12.1	97.2	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607		1672.883	1.00			10.000		(A)	NO		
67	37	PFDoA	612.9 > 569.0	16376.967	18382.607	1.00	5.54	11.136	10.000	10.9	108.7	NO	9.345	NO
68	38	N-MeFOSA	512.1 > 168.9		11162.824	1.00			9.600		(A)	NO		
69	39	PFTrDA	662.9 > 618.9	16428.236	18382.607	1.00	5.79	11.171	10.000	11.0	109.7	NO	8.622	NO
70	40	PFDoS	698.9 > 80		14415.204	1.00			10.000		(A)	NO		
71	41	PFTeDA	713.0 > 669.0	14136.103	14415.204	1.00	6.00	12.258	10.000	9.77	97.7	NO	12.373	NO
72	85	13C2-10:2 FTS-EIS	633 > 79.9	1672.883		1.00	5.53	1672.883	12.500	12.5	100.1	NO		

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Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc.	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	615 > 570	18382.607		1.00	5.54	18382.607	12.500	12.1	97.2	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	11162.824		1.00	5.57	11162.824	149.200	151	101.4	NO		
75	83	13C2-PFDoA-EIS	615 > 570	18382.607		1.00	5.54	18382.607	12.500	12.1	97.2	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	14415.204		1.00	6.00	14415.204	12.500	13.4	107.3	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	14415.204		1.00	6.00	14415.204	12.500	13.4	107.3	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		16959.887	1.00			9.600			NO		
80	43	PFHxDA	813.1 > 768.6		22349.328	1.00			10.000			NO		
81	44	PFODA	913.1 > 868.8		22349.328	1.00			10.000			NO		
82	45	N-MeFOSE	616.1 > 58.9		7107.275	1.00			9.600			NO		
83	46	N-EtFOSE	630.1 > 58.9		8354.229	1.00			9.600			NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4204.465	5542.956	1.00	1.26	9.482	12.500	12.5	100.0	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	16959.887		1.00	5.99	16959.887	149.200	147	98.6	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	22349.328		1.00	6.34	22349.328	12.500	13.8	110.7	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	22349.328		1.00	6.34	22349.328	12.500	13.8	110.7	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	7107.275		1.00	6.20	7107.275	149.200	145	97.4	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8354.229		1.00	6.34	8354.229	149.200	152	102.1	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	4954.970	10040.853	1.00	2.20	6.169	12.500	12.3	98.1	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99	1252.883	1558.537	1.00	2.49	10.049	12.500	13.9	111.5	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	933.330	10040.853	1.00	3.23	1.162	12.500	12.5	100.0	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9	1789.331	1558.537	1.00	2.93	14.351	12.500	11.9	95.5	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	9442.549	10040.853	1.00	3.01	11.755	12.500	12.0	96.2	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	6222.722	10040.853	1.00	3.62	7.747	12.500	12.7	101.8	NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3329.653	1558.537	1.00	3.77	26.705	12.500	13.8	110.3	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	1743.685	3419.864	1.00	4.08	6.373	12.500	12.9	103.1	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	11042.242	11071.518	1.00	4.56	12.467	12.500	13.1	105.1	NO		
100	68	13C8-PFOSA-RSD	506. > 78	3168.010	15146.999	1.00	4.61	2.614	12.500	13.5	107.8	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	12017.117	16055.561	1.00	4.13	9.356	12.500	11.9	95.3	NO		
102	72	13C8-PFOS-RSD	507.0 > 80	3153.490	3419.864	1.00	4.65	11.526	12.500	11.0	88.0	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	10418.914	12277.438	1.00	4.94	10.608	12.500	12.1	96.9	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	528.9 > 79.9	1931.576	3419.864	1.00	4.91	7.060	12.500	12.5	100.1	NO		
106	78	d3-N-MeFOSAA-RSD	573. > 419	8833.436	15146.999	1.00	5.08	7.290	12.500	13.9	110.9	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	16062.282	15146.999	1.00	5.26	13.255	12.500	12.9	103.4	NO		
108	82	d5-N-EtFOSAA-RSD	589. > 419	9591.553	15146.999	1.00	5.24	7.915	12.500	15.6	124.9	NO		

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Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	615 > 570	18382.607	12277.438	1.00	5.54	18.716	12.500	12.9	103.4	NO		
110	86	13C2-10:2 FTS-RSD	633 > 79.9	1672.883	3419.864	1.00	5.53	6.115	12.500	13.0	104.2	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	11151.351	15146.999	1.00	5.57	9.203	149.200	178	119.1	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	14415.204	15146.999	1.00	6.00	11.896	12.500	14.7	117.9	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	16959.887	15146.999	1.00	5.99	13.996	149.200	172	115.2	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	22342.299	15146.999	1.00	6.34	18.438	12.500	15.3	122.4	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	7107.275	15146.999	1.00	6.20	5.865	149.200	167	111.9	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	8354.229	15146.999	1.00	6.34	6.894	149.200	176	118.0	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	5542.956	5542.956	1.00	1.26	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	10040.853	10040.853	1.00	3.01	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	16055.561	16055.561	1.00	4.13	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0	1558.537	1558.537	1.00	3.77	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	11071.518	11071.518	1.00	4.56	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	3419.864	3419.864	1.00	4.65	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	12277.438	12277.438	1.00	4.94	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	15146.999	15146.999	1.00	5.26	12.500	12.500	12.5	100.0	NO		

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Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

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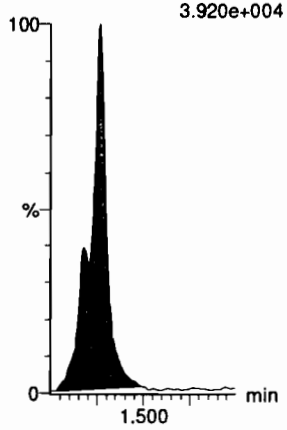

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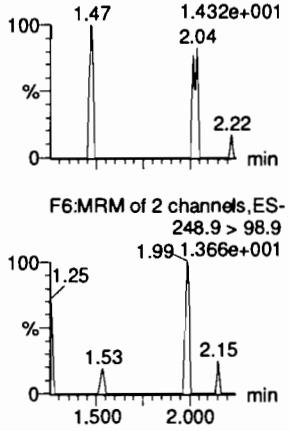
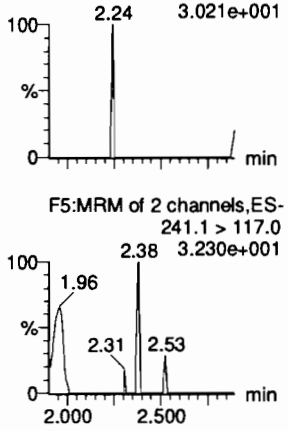


3:3 FTCA



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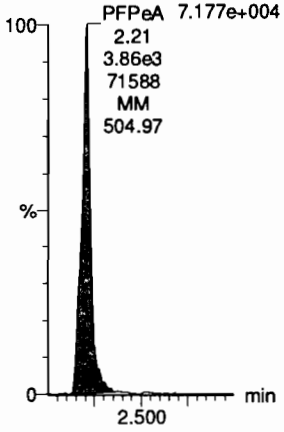

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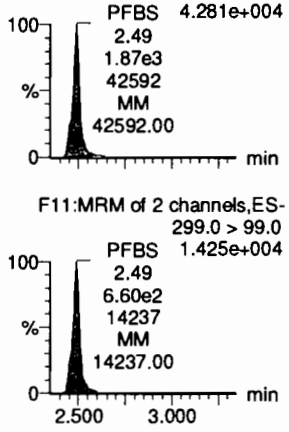
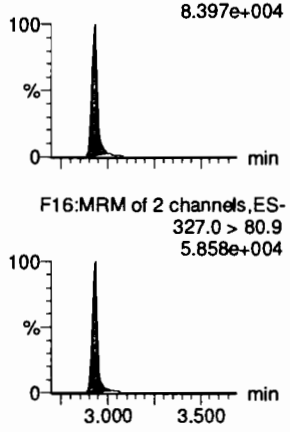


4:2 FTS



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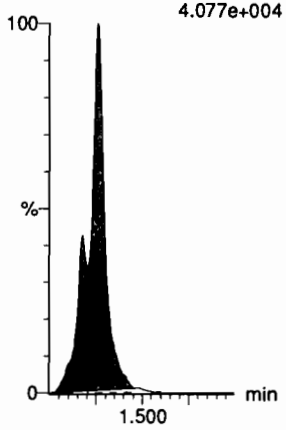

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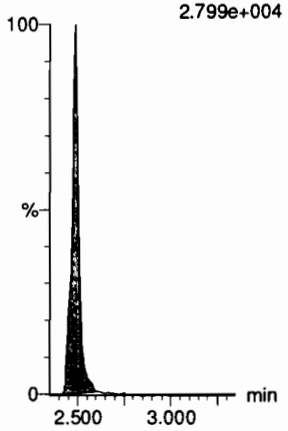

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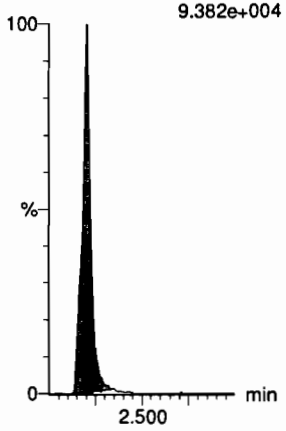

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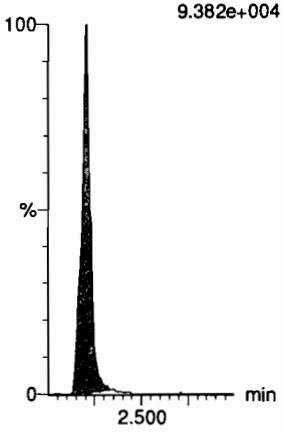

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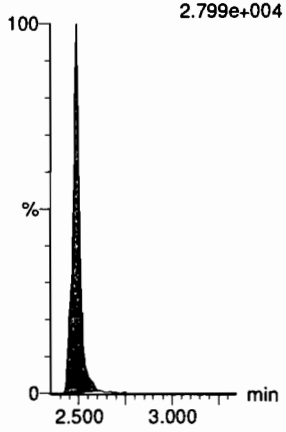

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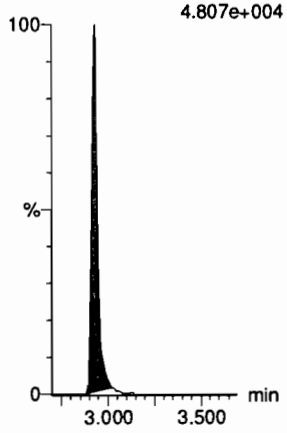

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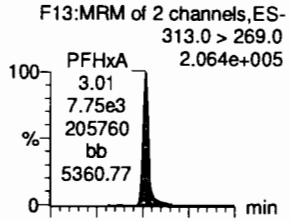
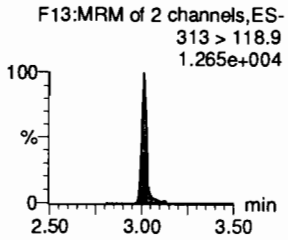
PFHxA





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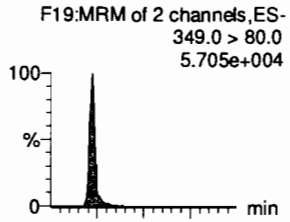
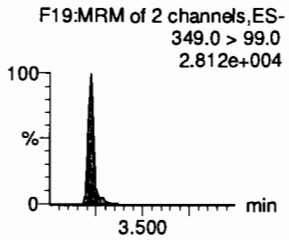
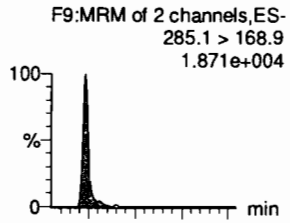
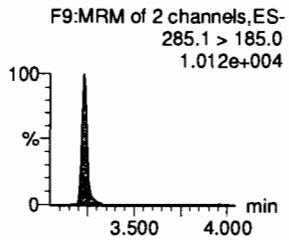




HFPO-DA





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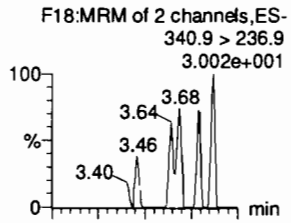

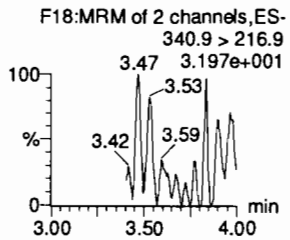

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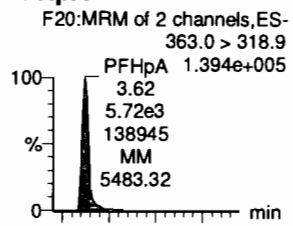

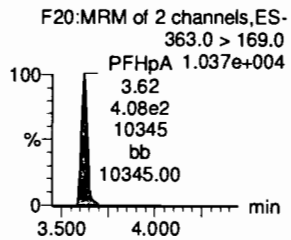

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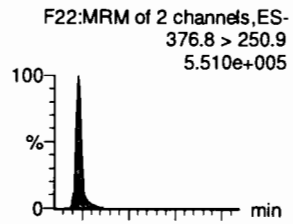

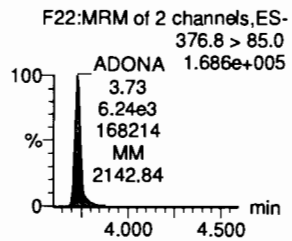

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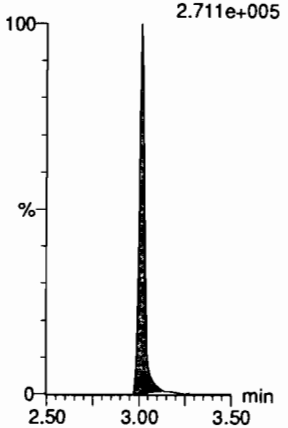

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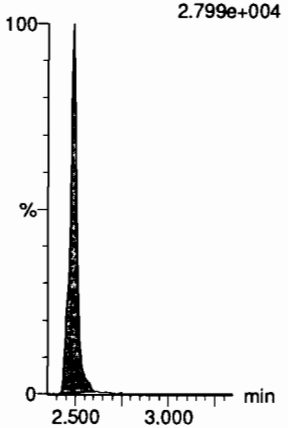
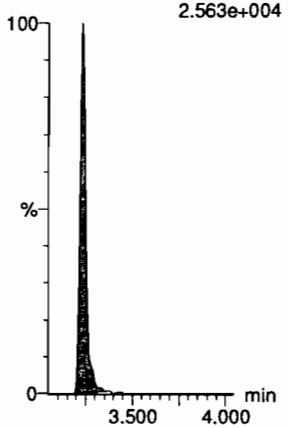


13C3-HFPO-DA-EIS



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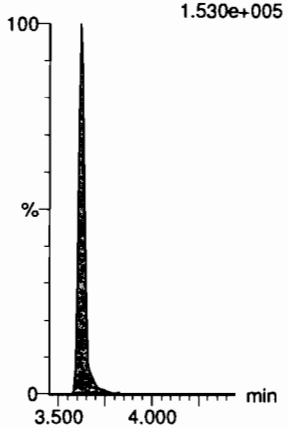

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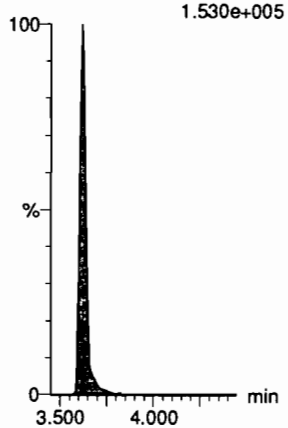

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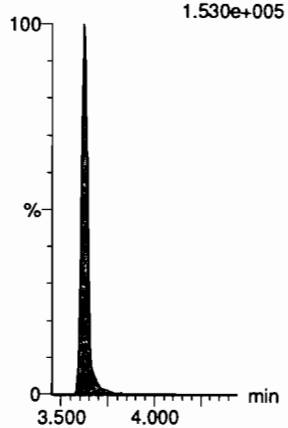


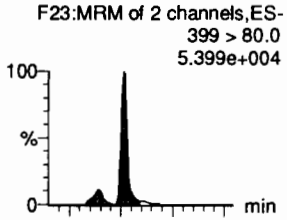
FBR 6/9/2020

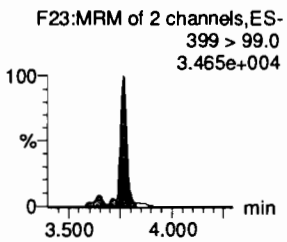
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-ICV.qld

Last Altered: Tuesday, June 09, 2020 12:07:07 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:17:14 Pacific Daylight Time

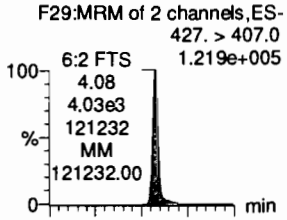
Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

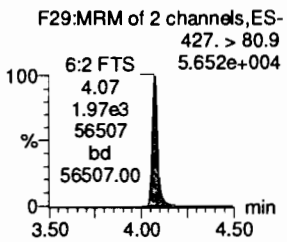
L-PFHxS





6:2 FTS





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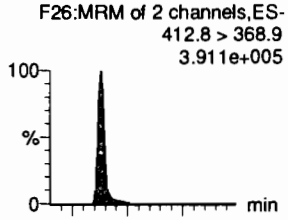

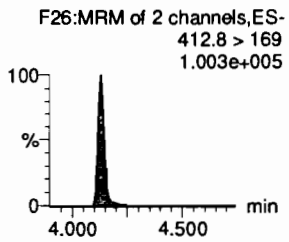

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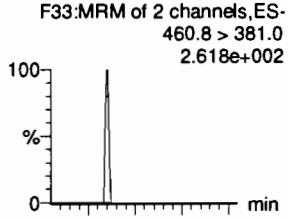

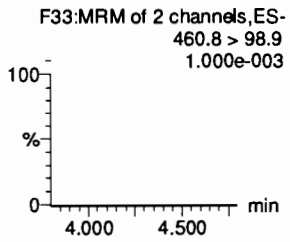

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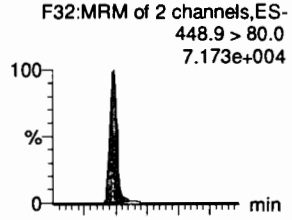
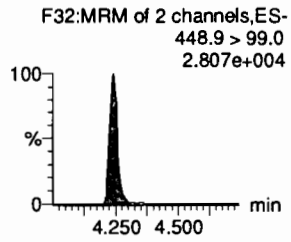
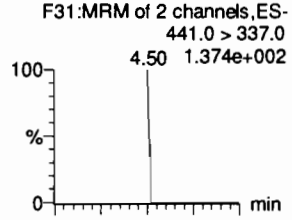
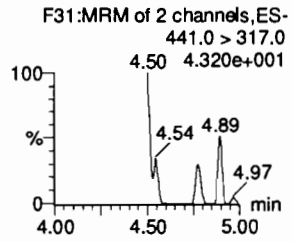


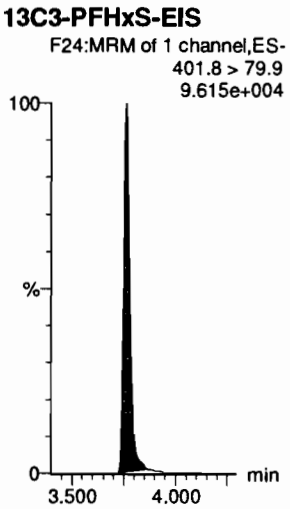


7:3 FTCA

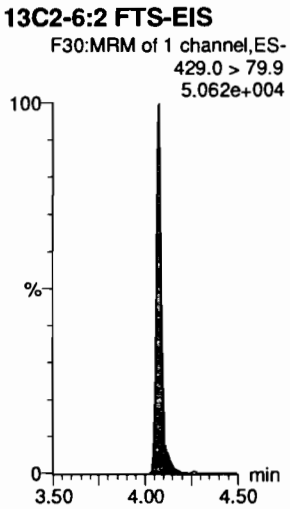




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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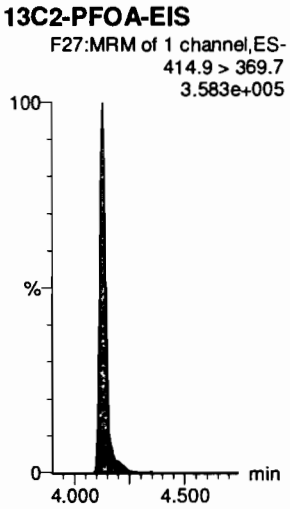

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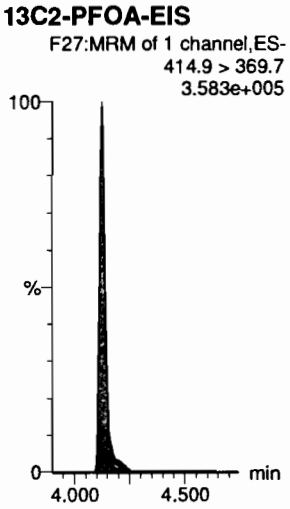
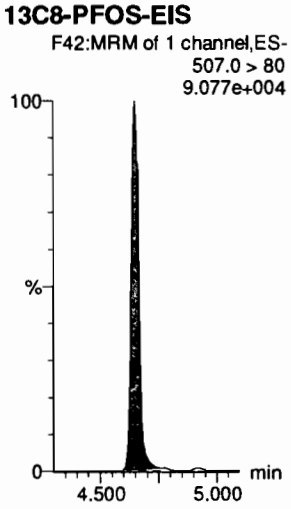


13C8-PFOS-EIS



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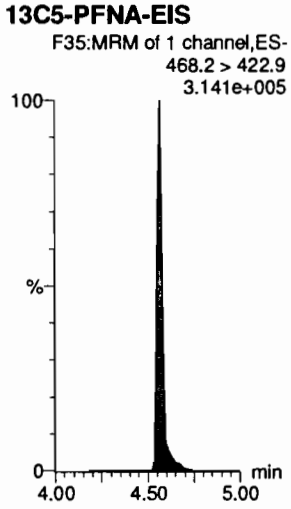

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Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

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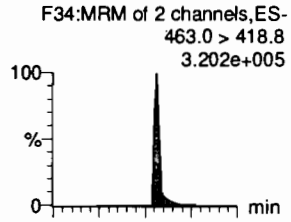

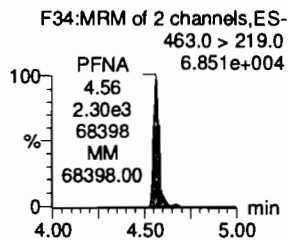

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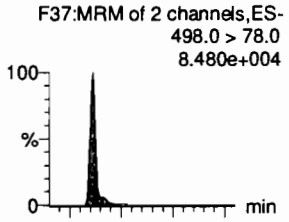
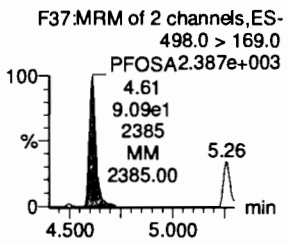
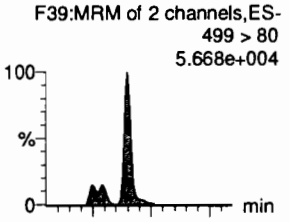
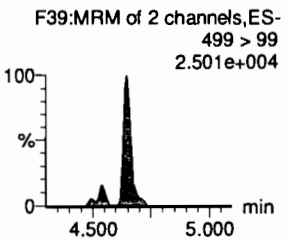




L-PFOS





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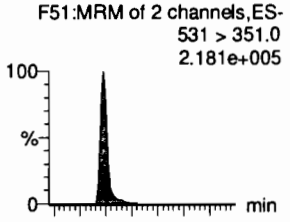

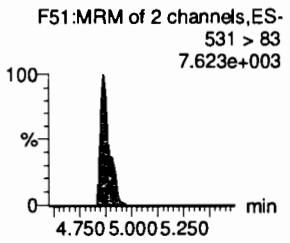

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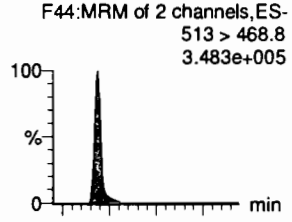

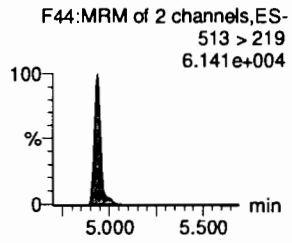

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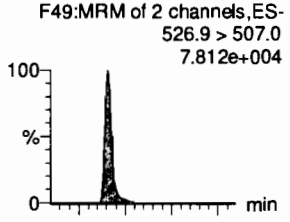
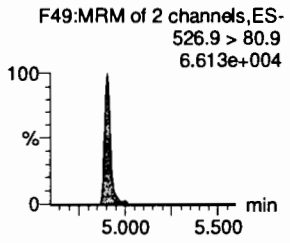
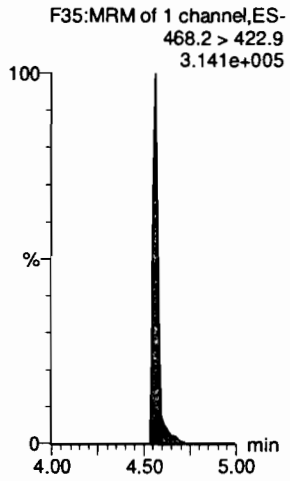




13C5-PFNA-EIS



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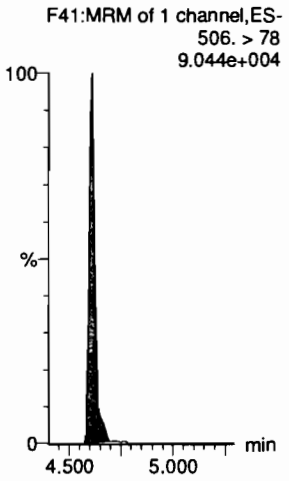

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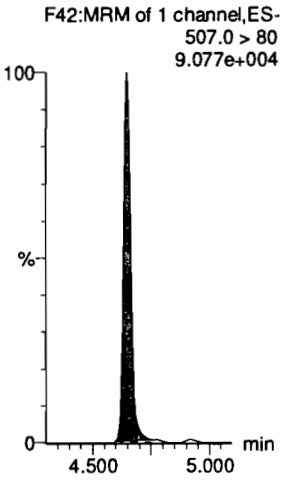

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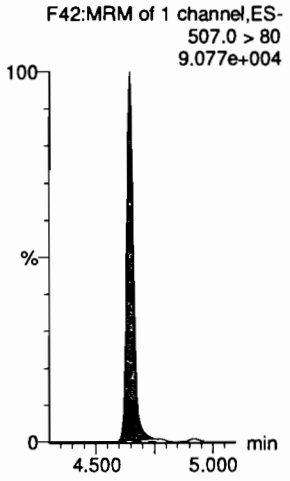

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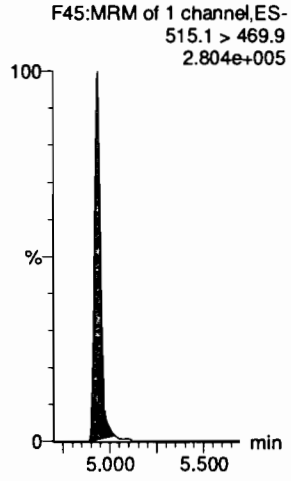

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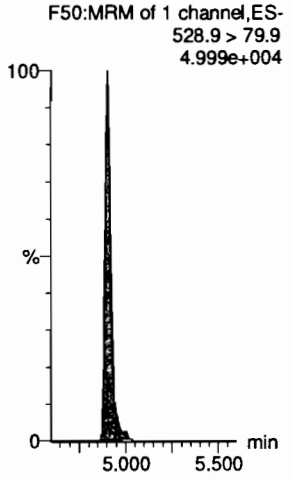

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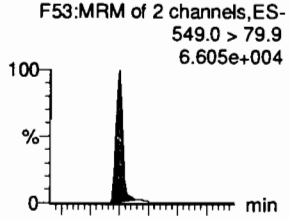

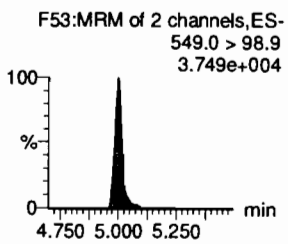

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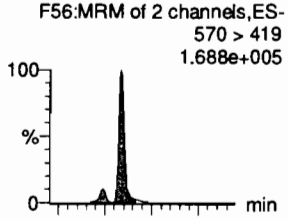

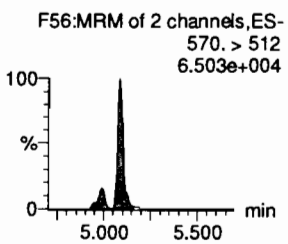

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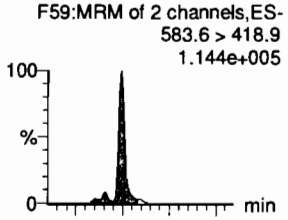

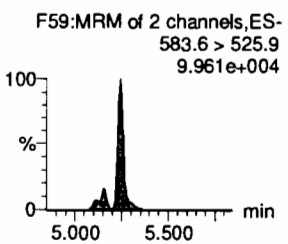

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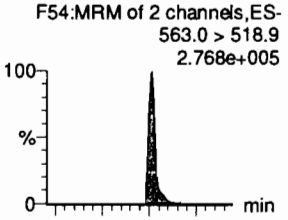

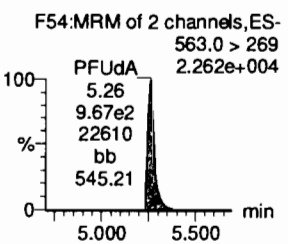

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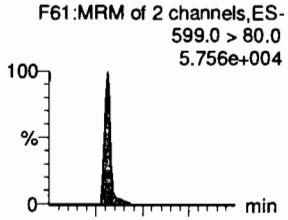

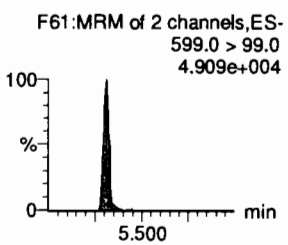

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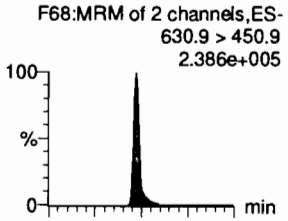

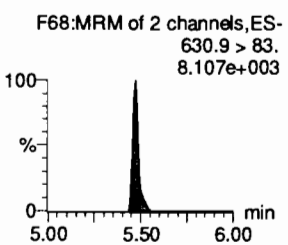

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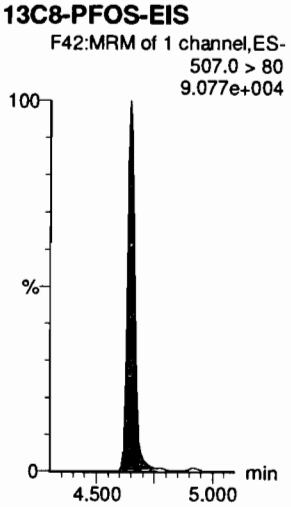
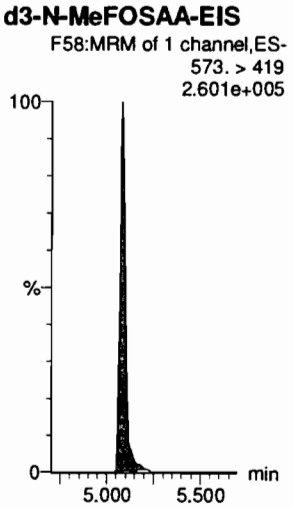


d3-N-MeFOSAA-EIS



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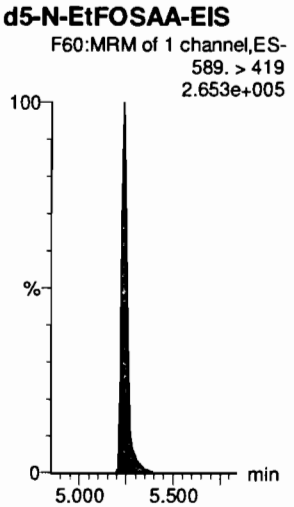

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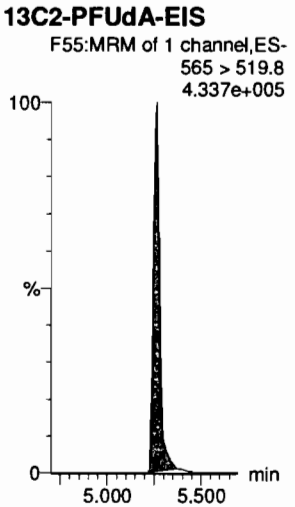

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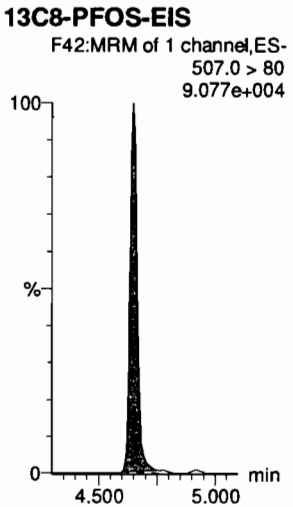
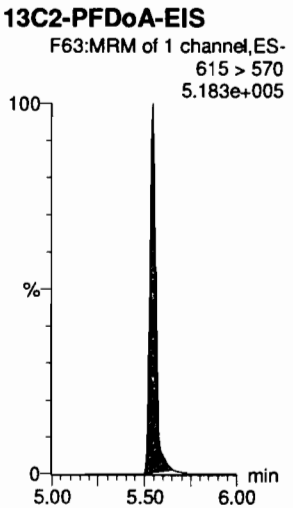


13C2-PFDoA-EIS



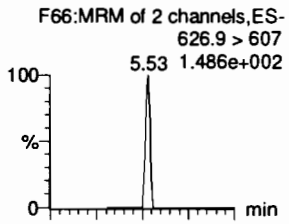
FBR 6/9/2020

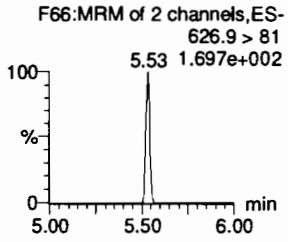
Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-ICV.qld

Last Altered: Tuesday, June 09, 2020 12:07:07 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:17:14 Pacific Daylight Time

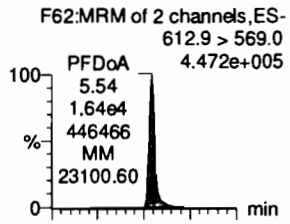
Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

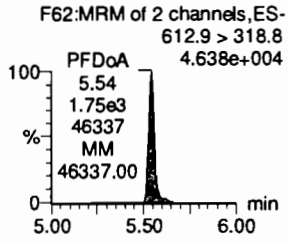
10:2 FTS



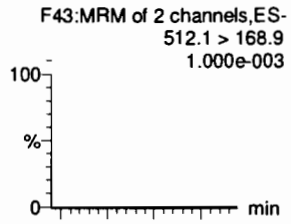


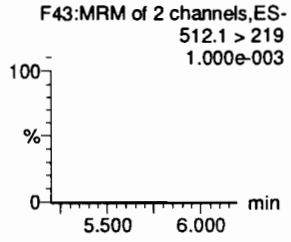
PFDoA



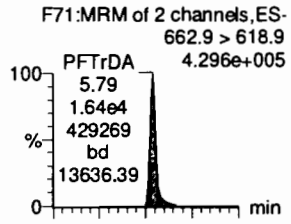


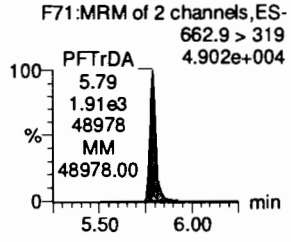
N-MeFOSA



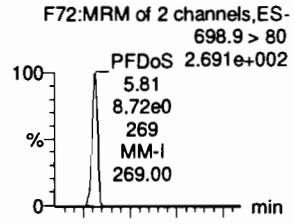


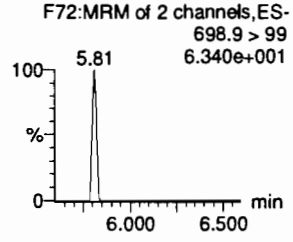
PFTrDA



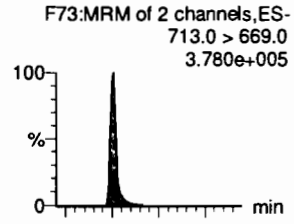


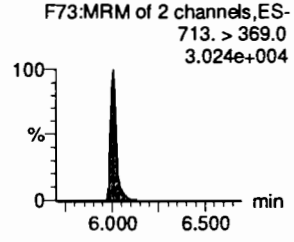
PFDoS



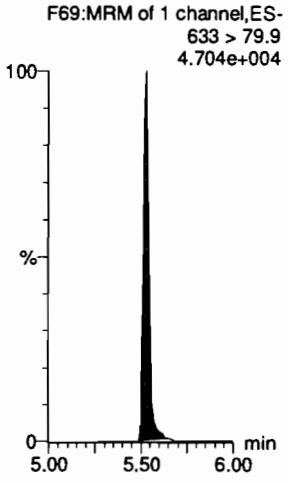


PFTeDA

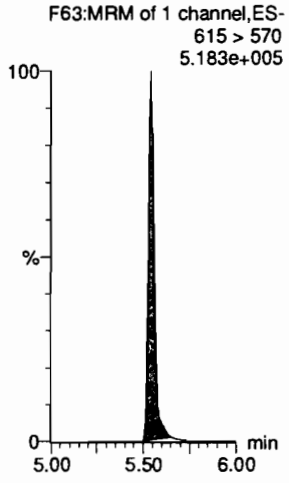




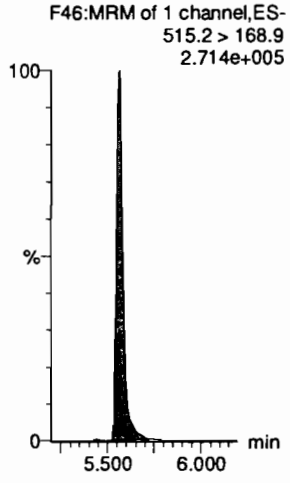
13C2-10:2 FTS-EIS



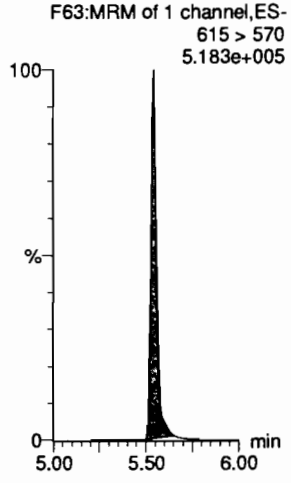
13C2-PFDoA-EIS



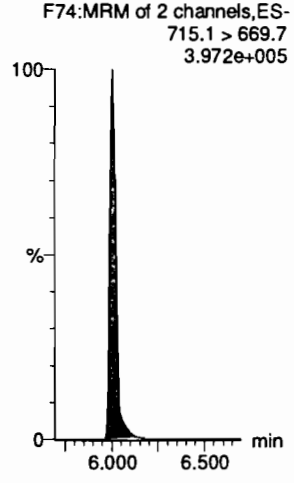
d3-N-MeFOSA-EIS



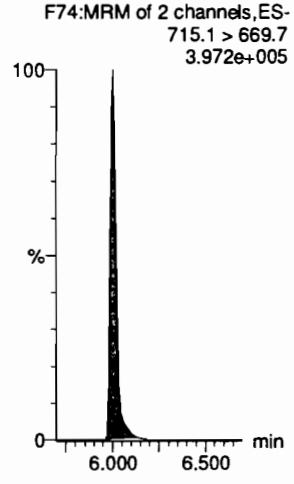
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



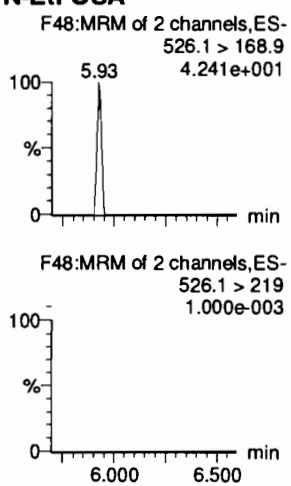
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-ICV.qld

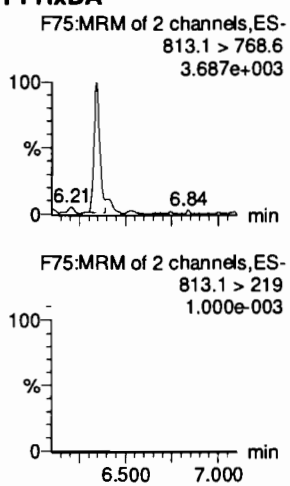
Last Altered: Tuesday, June 09, 2020 12:07:07 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:17:14 Pacific Daylight Time

Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

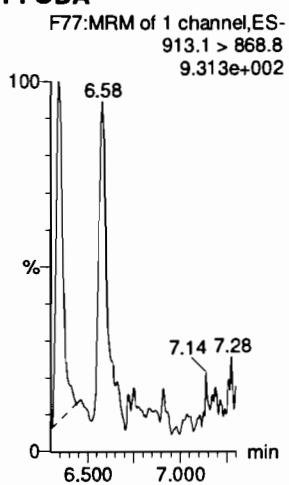
N-EtFOSA



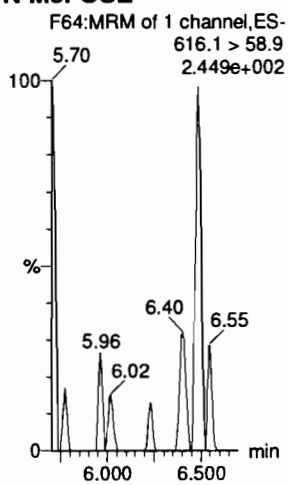
PFHxDA



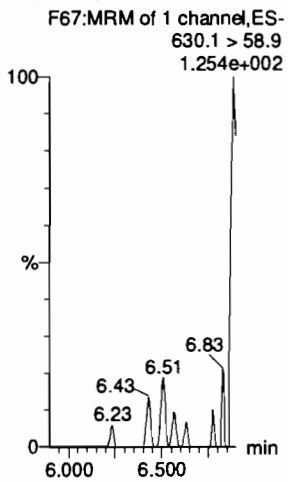
PFODA



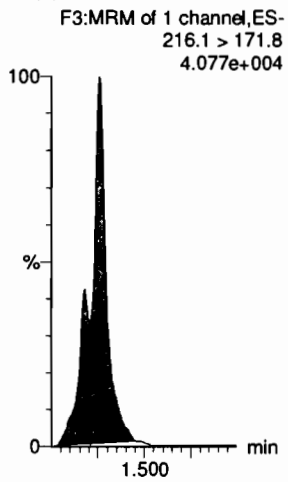
N-MeFOSE



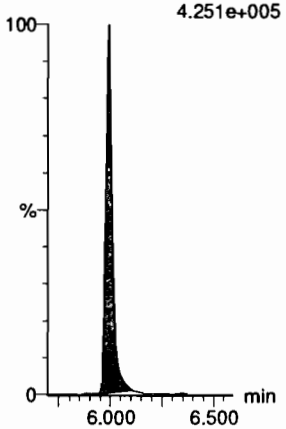
N-EtFOSE



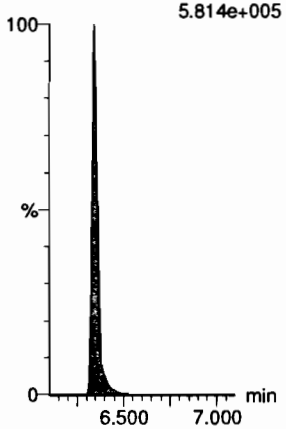
13C3-PFBA-RSD



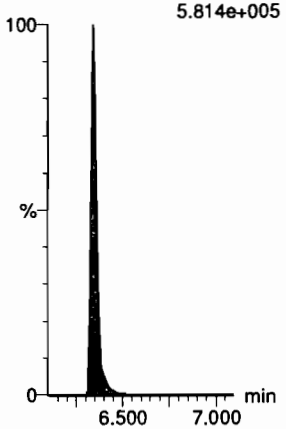
d5-N-ETFOSA-EIS



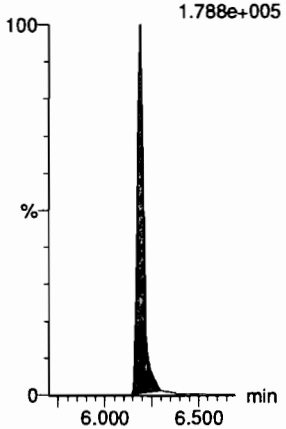
13C2-PFHxDA-EIS



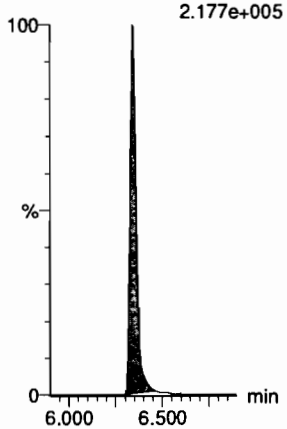
13C2-PFHxDA-EIS



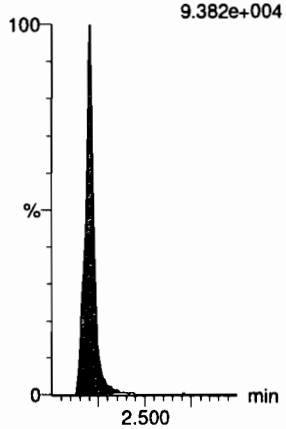
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



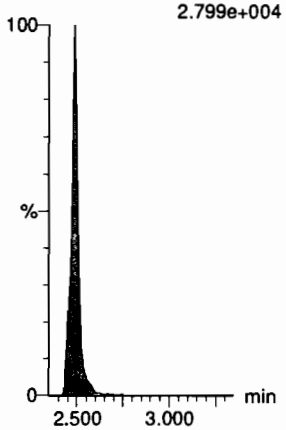
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-ICV.qld

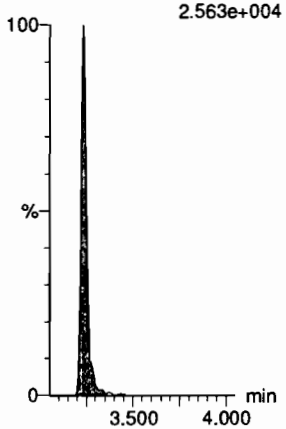
Last Altered: Tuesday, June 09, 2020 12:07:07 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:17:14 Pacific Daylight Time

Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

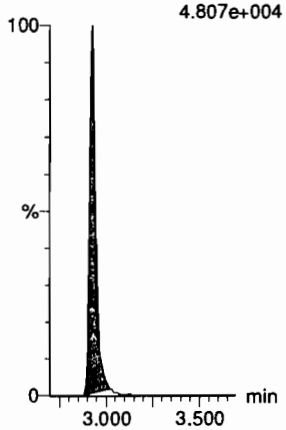
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
2.799e+004



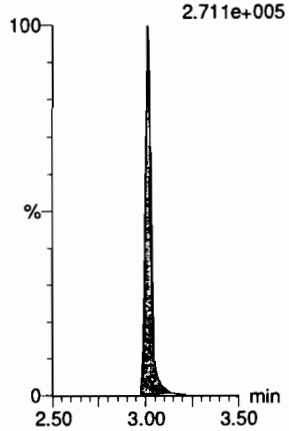
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.563e+004



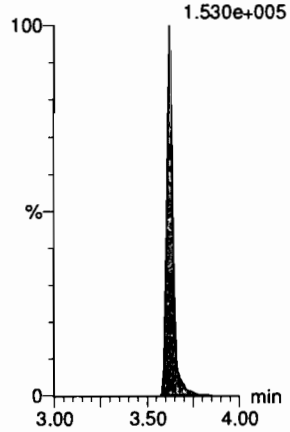
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.807e+004



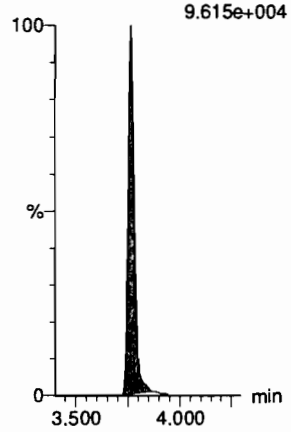
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.711e+005



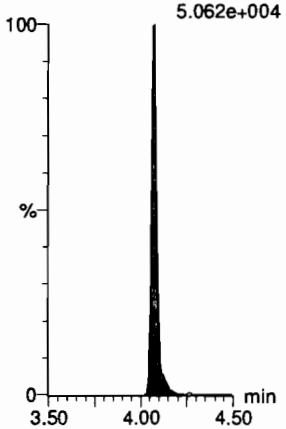
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.530e+005



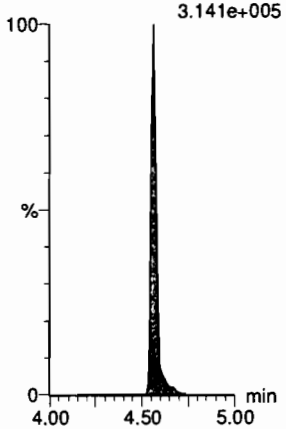
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.615e+004



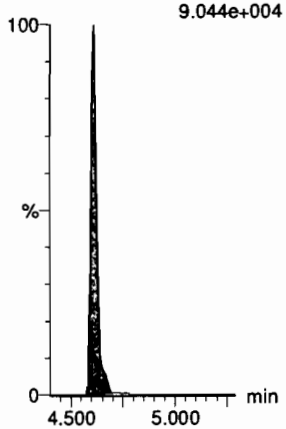
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.062e+004



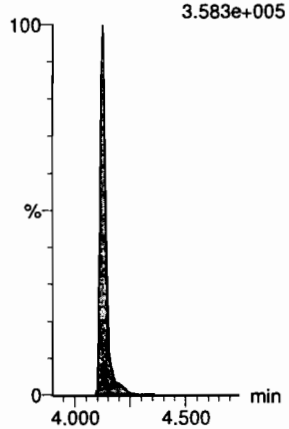
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.141e+005



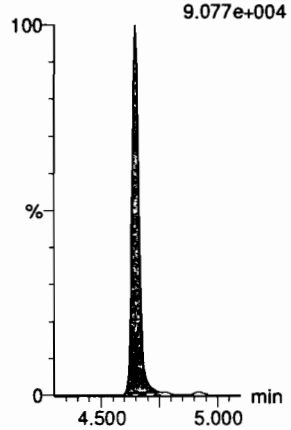
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506. > 78
9.044e+004



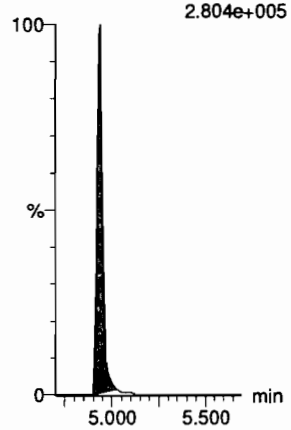
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.583e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.0 > 80
9.077e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
2.804e+005



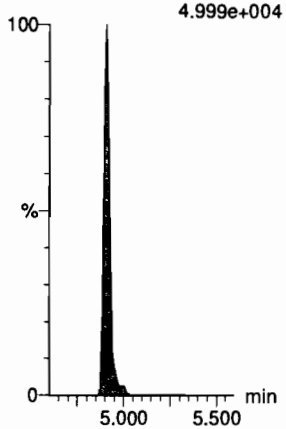
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-ICV.qld

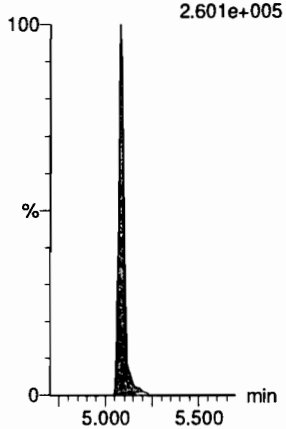
Last Altered: Tuesday, June 09, 2020 12:07:07 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:17:14 Pacific Daylight Time

Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

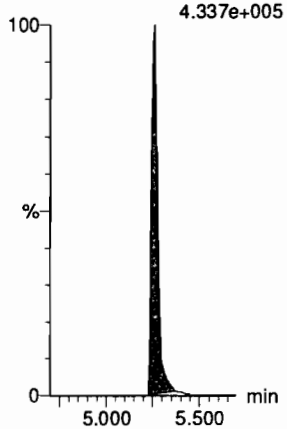
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
528.9 > 79.9
4.999e+004



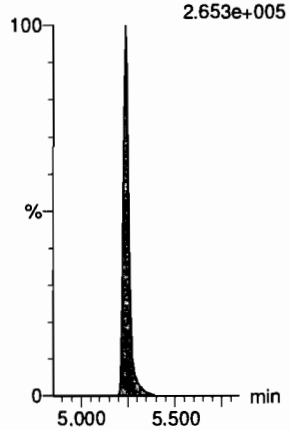
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573. > 419
2.601e+005



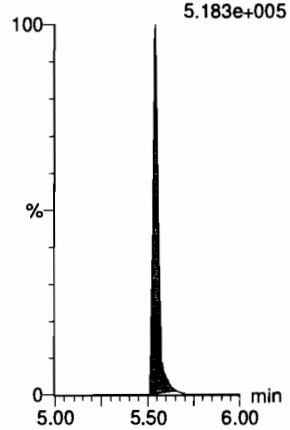
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
4.337e+005



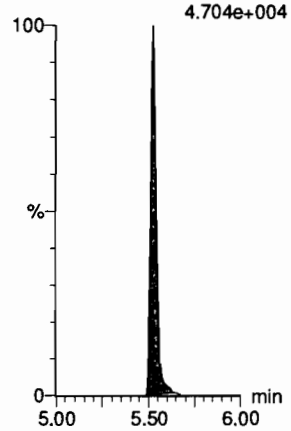
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589. > 419
2.653e+005



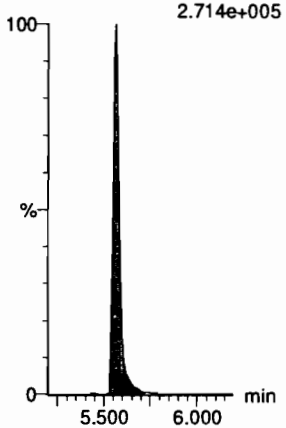
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
615 > 570
5.183e+005



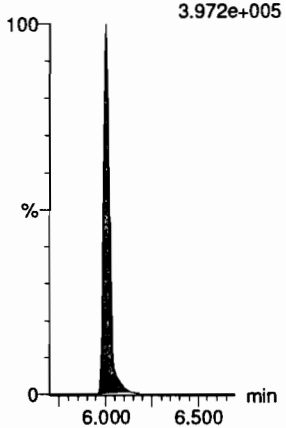
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
633 > 79.9
4.704e+004



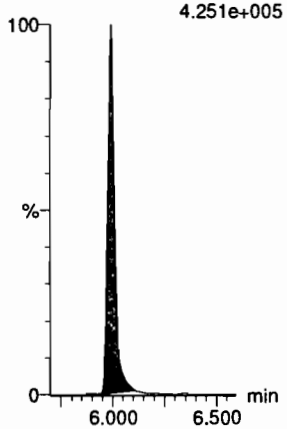
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
2.714e+005



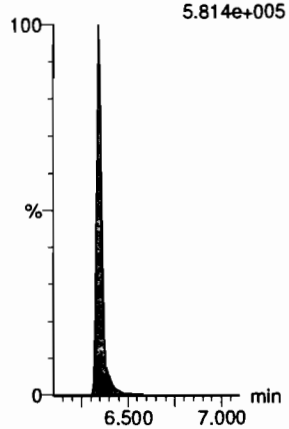
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.972e+005



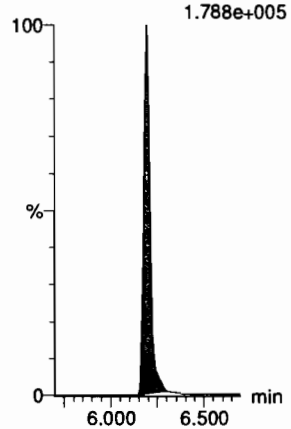
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.251e+005



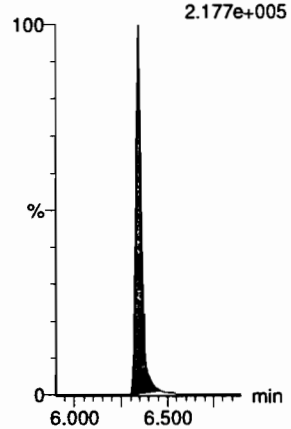
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.814e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
1.788e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
2.177e+005



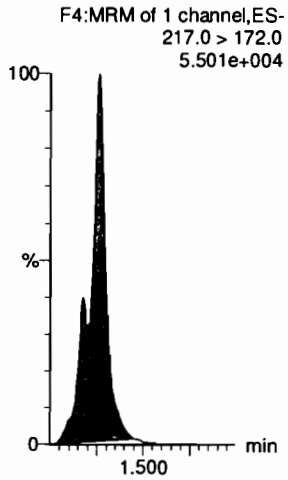
FBR 6/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200608M1\200608M1-ICV.qld

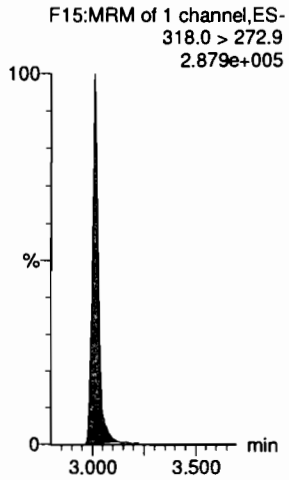
Last Altered: Tuesday, June 09, 2020 12:07:07 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 12:17:14 Pacific Daylight Time

Name: 200608M1_11, Date: 08-Jun-2020, Time: 16:46:39, ID: ICV200608M1-1 PFC ICV 20E2711, Description: PFC ICV 20E2711

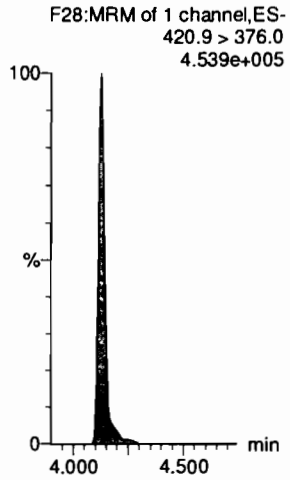
13C4-PFBA



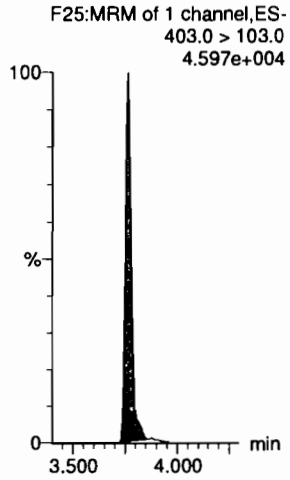
13C5-PFHxA



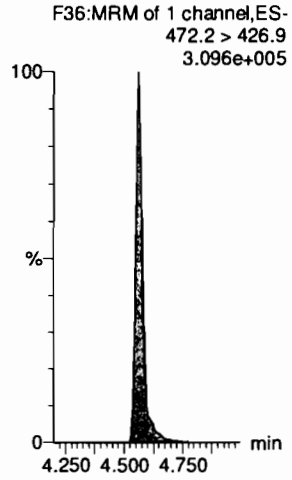
13C8-PFOA



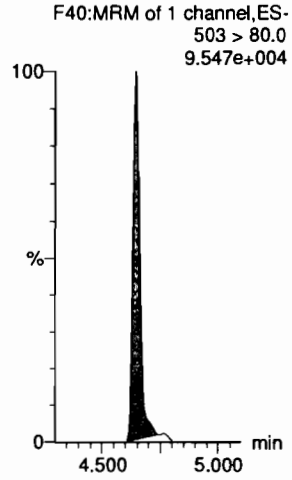
18O2-PFHxS



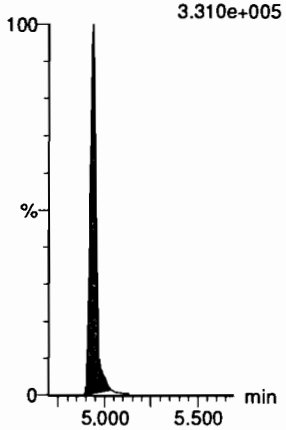
13C9-PFNA



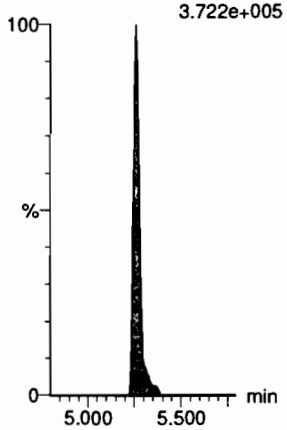
13C4-PFOS



13C6-PFDA



13C7-PFUdA



FBR 6/9/2020

Vista Analytical Laboratory

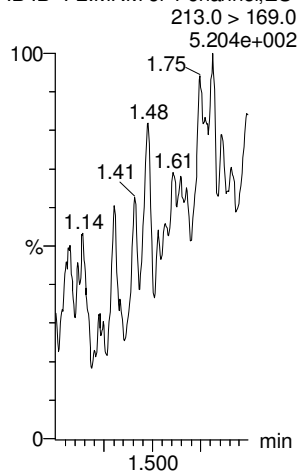
Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 15:42:57 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 15:43:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_060820.mdb 09 Jun 2020 09:56:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_06-08-20.cdb 09 Jun 2020 11:20:21

Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

PFBA



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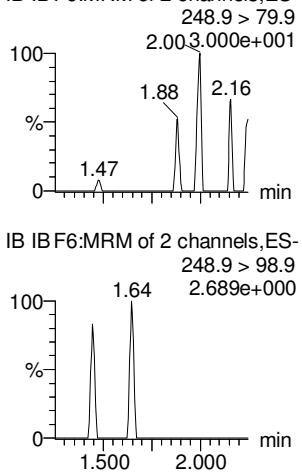
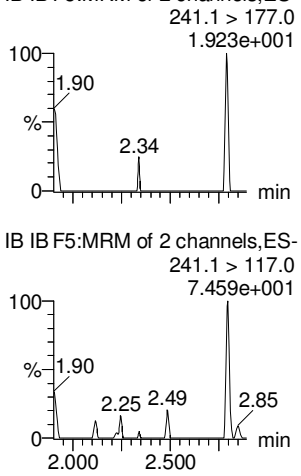
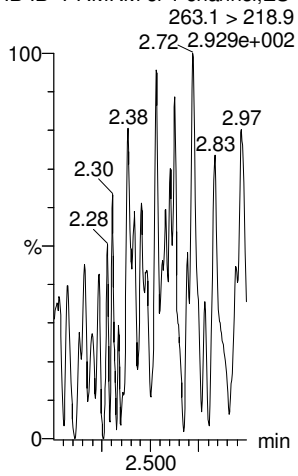


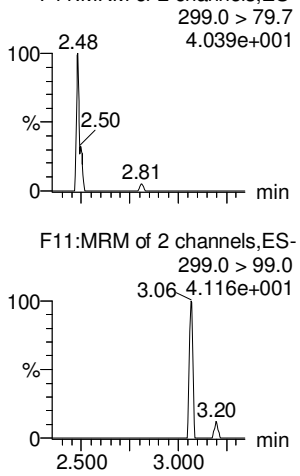
3:3 FTCA



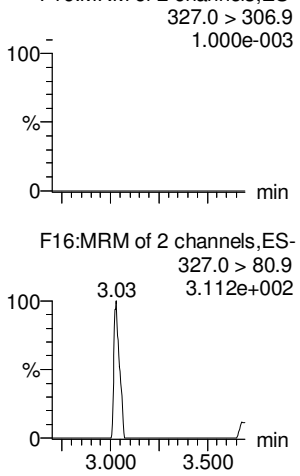
PFPeA



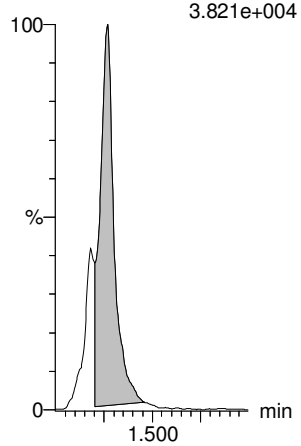
PFBS



4:2 FTS



13C3-PFBA-EIS



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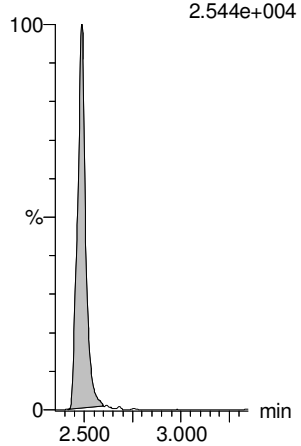
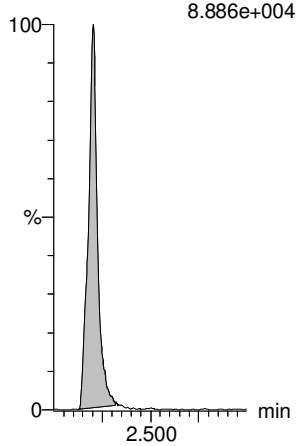


13C3-PFPeA-EIS



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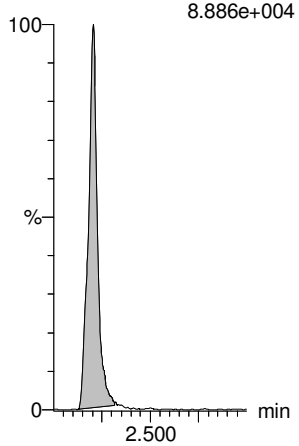

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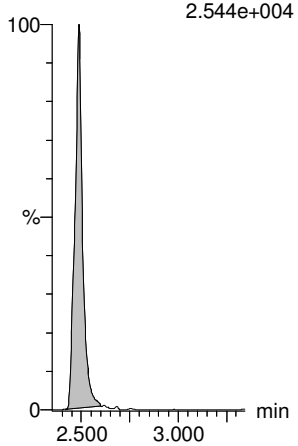
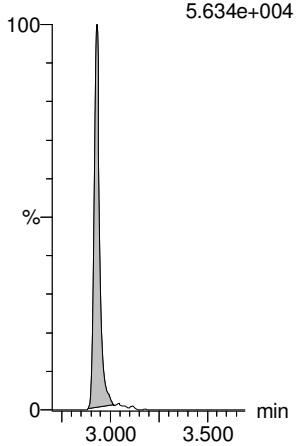


13C2-4:2 FTS-EIS



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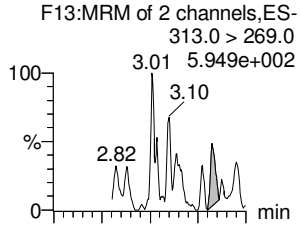
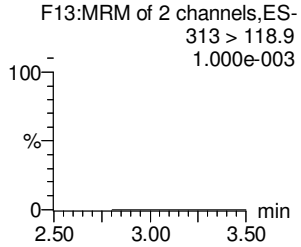
Last Altered: Tuesday, June 09, 2020 15:42:57 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 15:43:02 Pacific Daylight Time

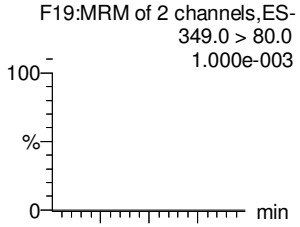
Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

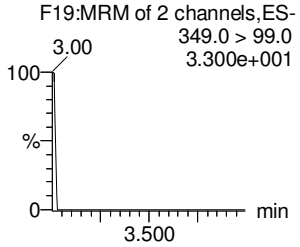
PFHxA



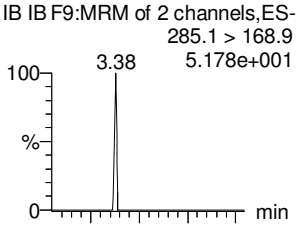


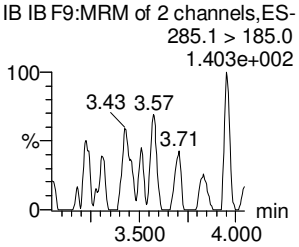
PFPeS



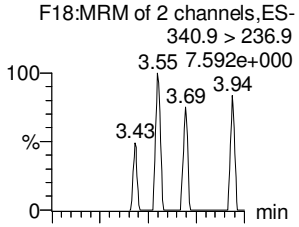


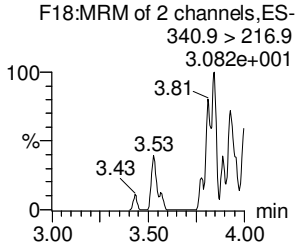
HFPO-DA



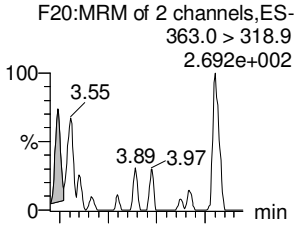


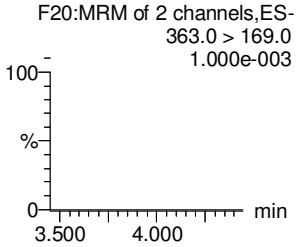
5:3 FTCA



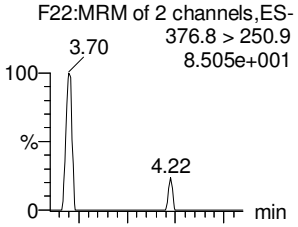


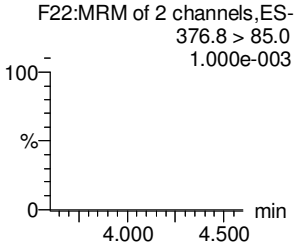
PFHpA





ADONA





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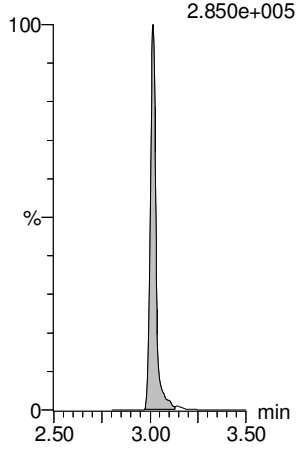
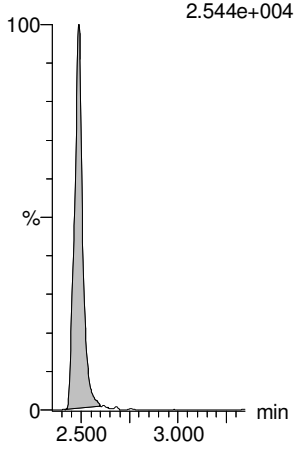
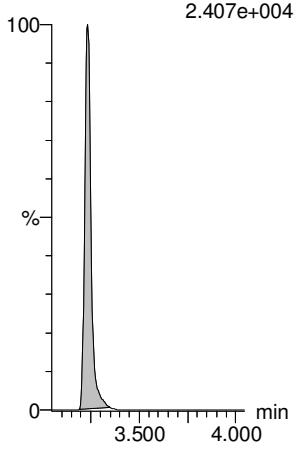


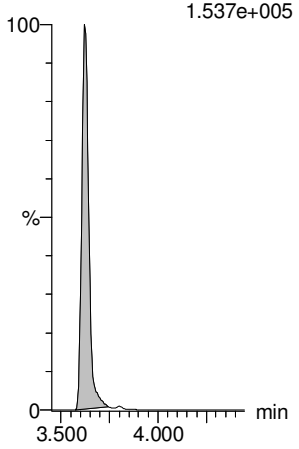
13C3-PFBS-EIS



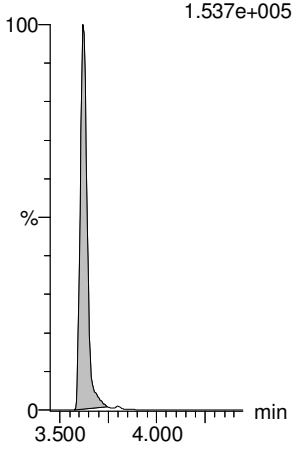
13C3-HFPO-DA-EIS



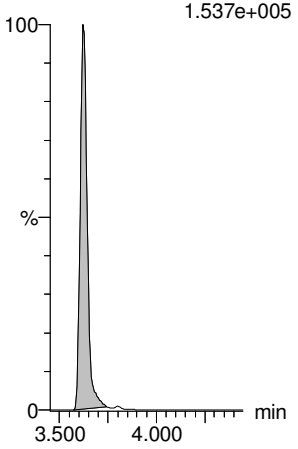
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

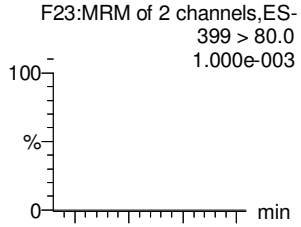


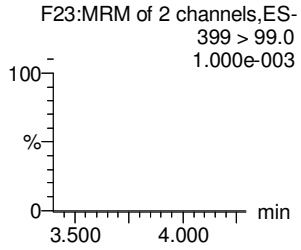
Dataset: Untitled

Last Altered: Tuesday, June 09, 2020 15:42:57 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 15:43:02 Pacific Daylight Time

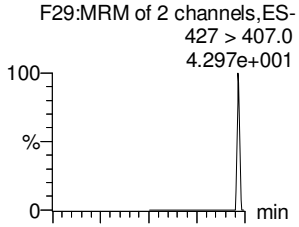
Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

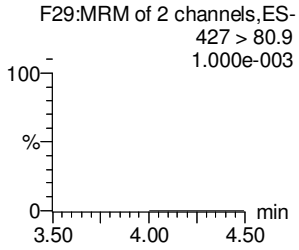
L-PFHxS





6:2 FTS





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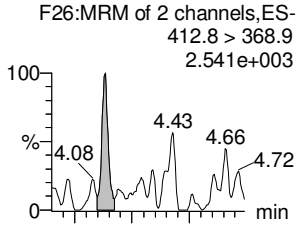

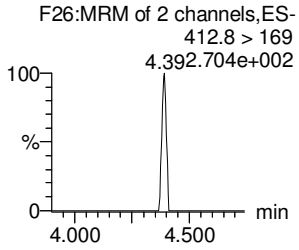

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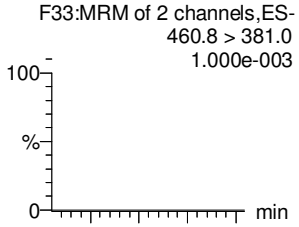

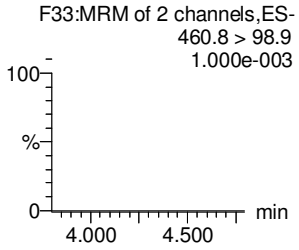

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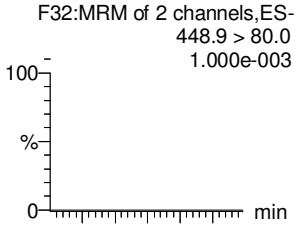
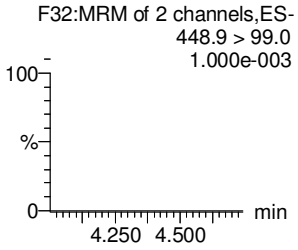
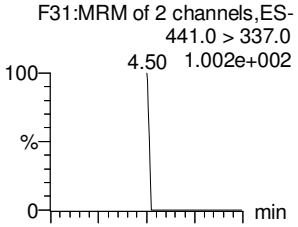
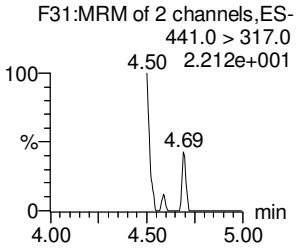




7:3 FTCA





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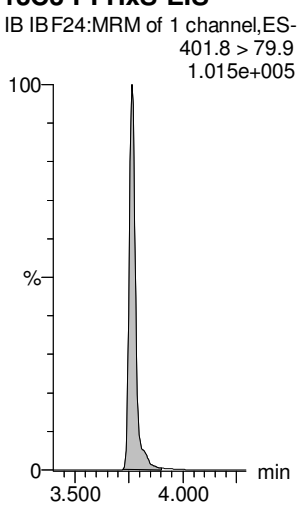

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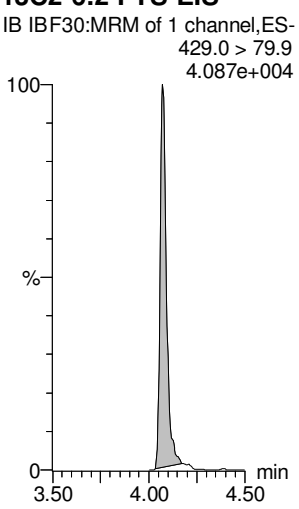

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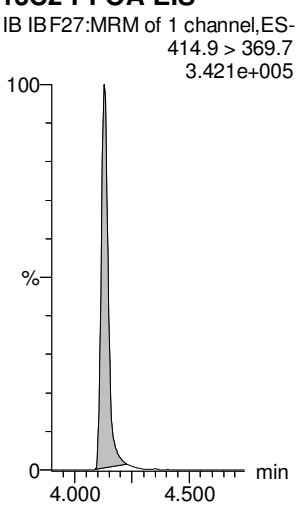

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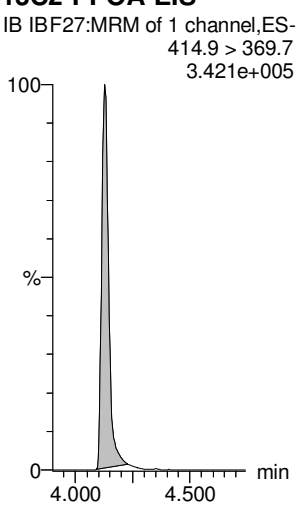

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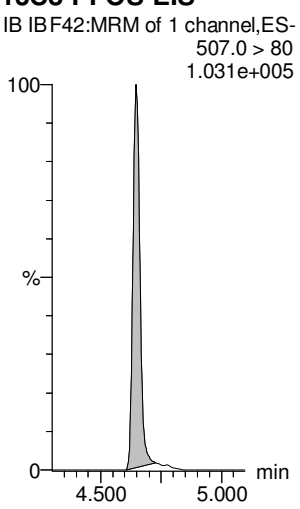

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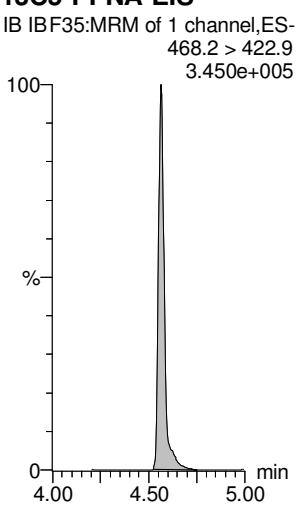

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Last Altered: Tuesday, June 09, 2020 15:42:57 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 15:43:02 Pacific Daylight Time

Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

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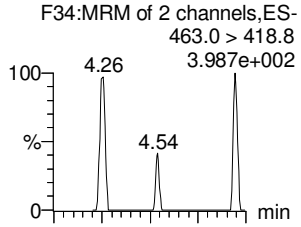

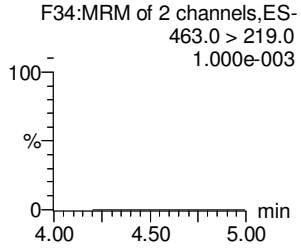

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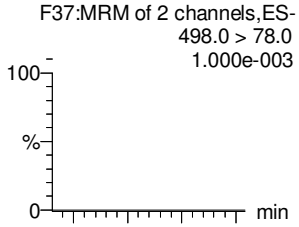

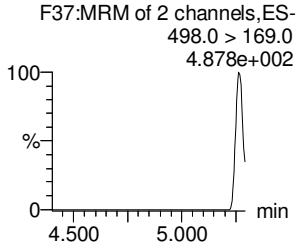

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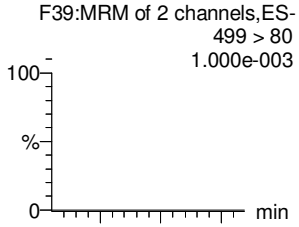

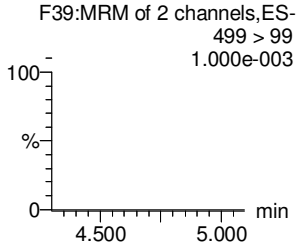

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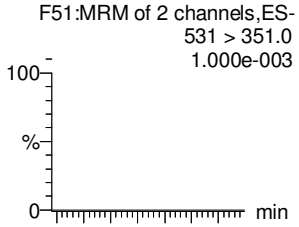

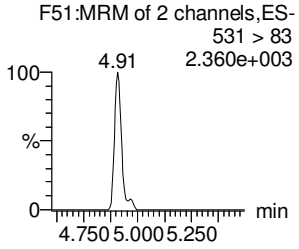

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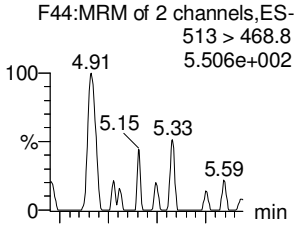
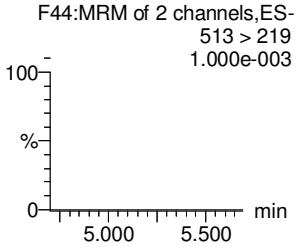
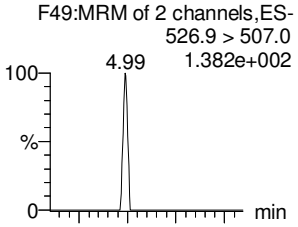
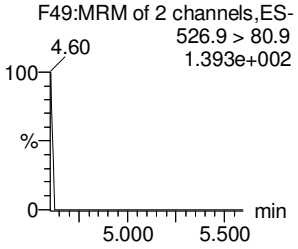




8:2 FTS





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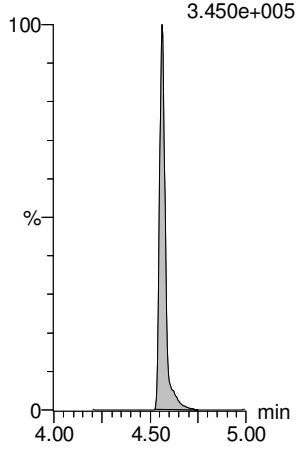

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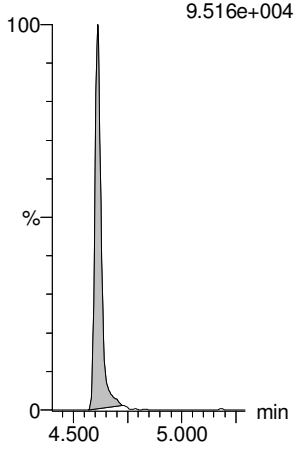

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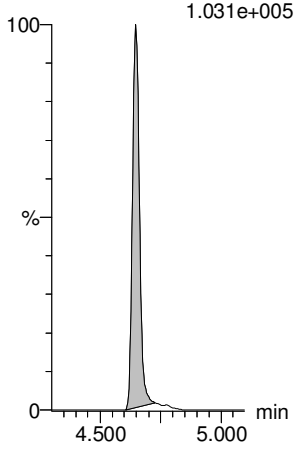

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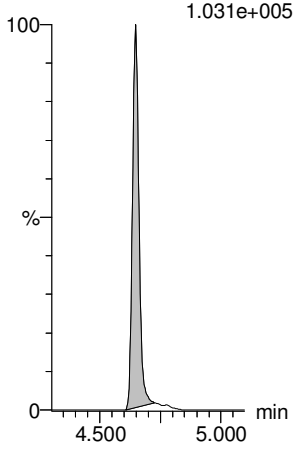

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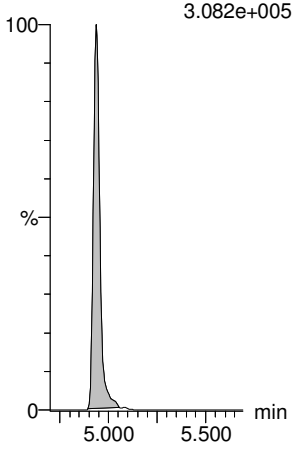

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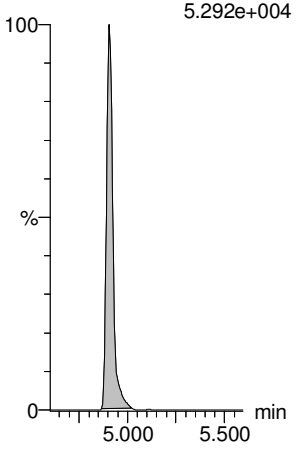

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Last Altered: Tuesday, June 09, 2020 15:42:57 Pacific Daylight Time
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Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

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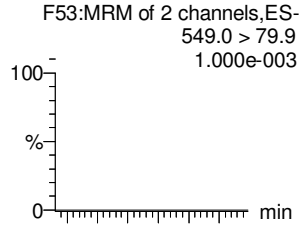

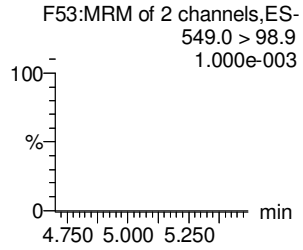

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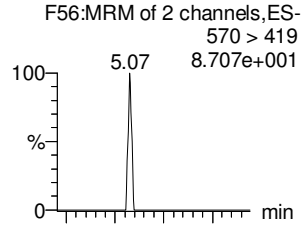

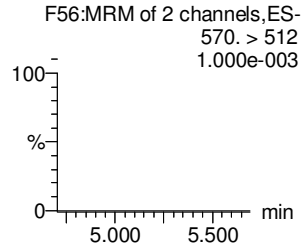

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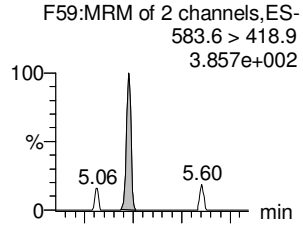

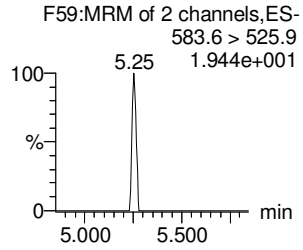

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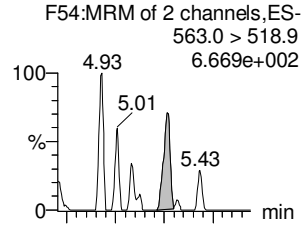

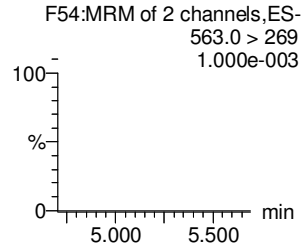

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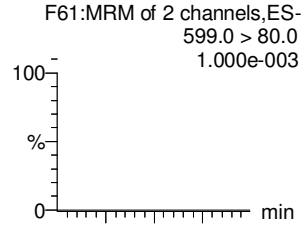

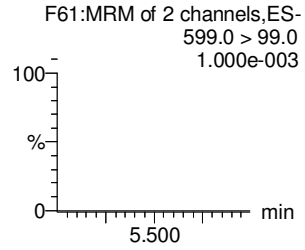

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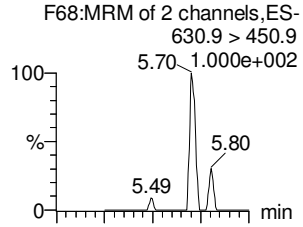
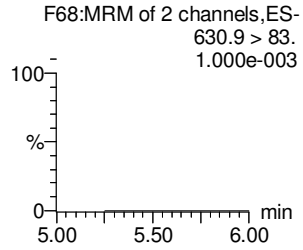
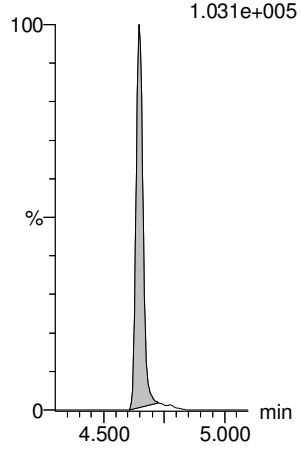




13C8-PFOS-EIS



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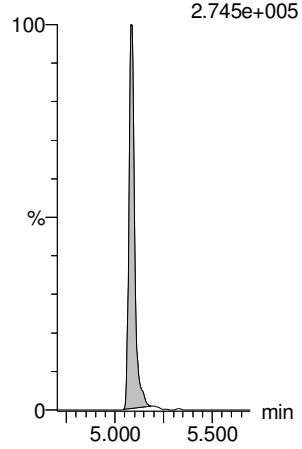

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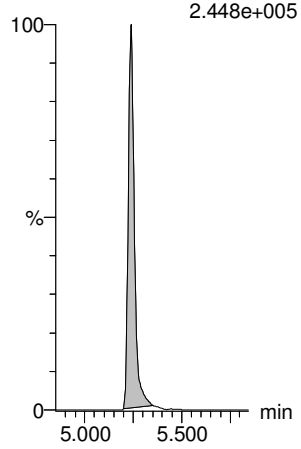

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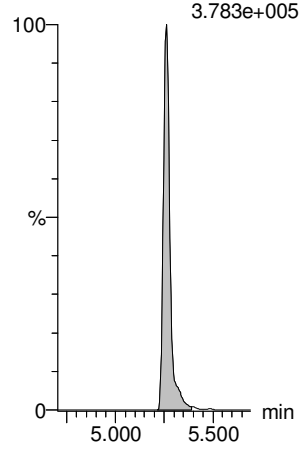

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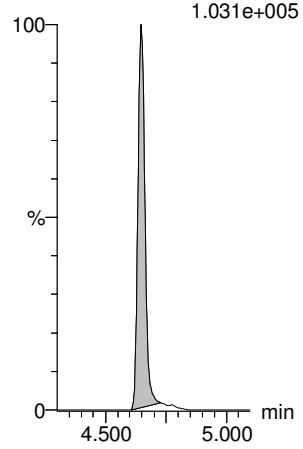

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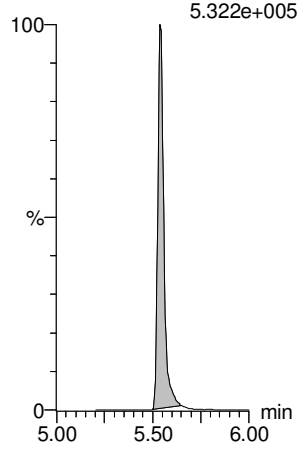

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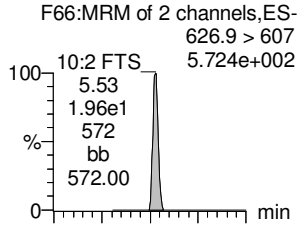
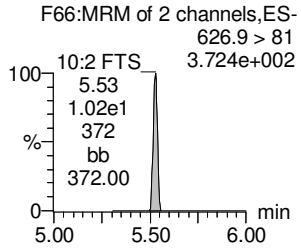
Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

10:2 FTS





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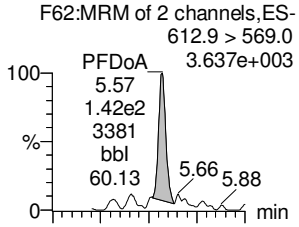

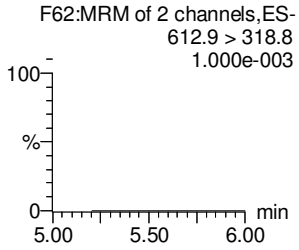

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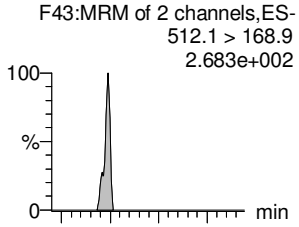

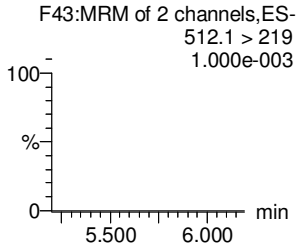

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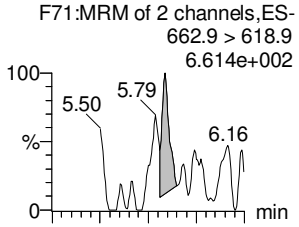

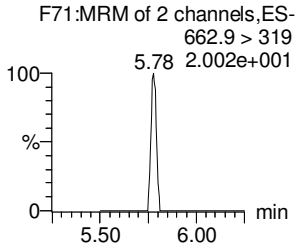

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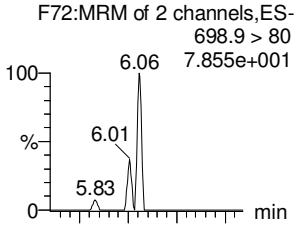

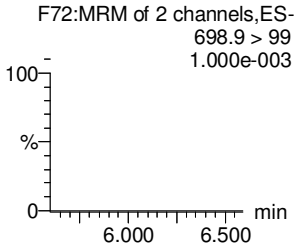

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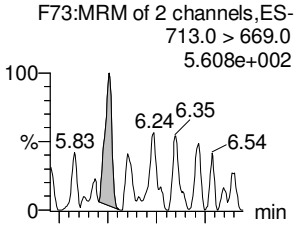
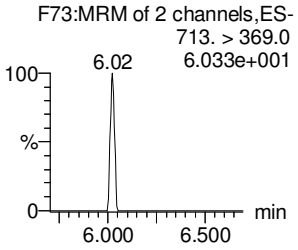
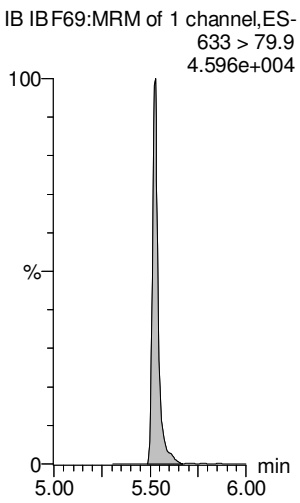




13C2-10:2 FTS-EIS



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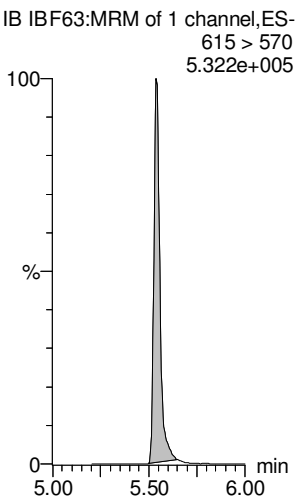

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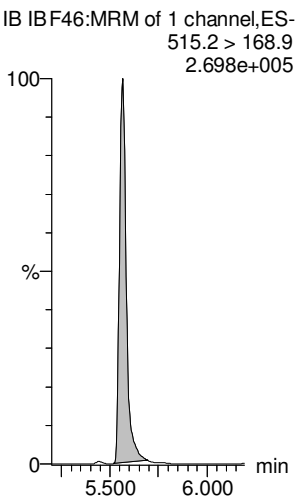

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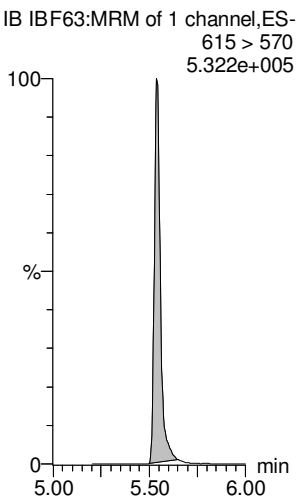

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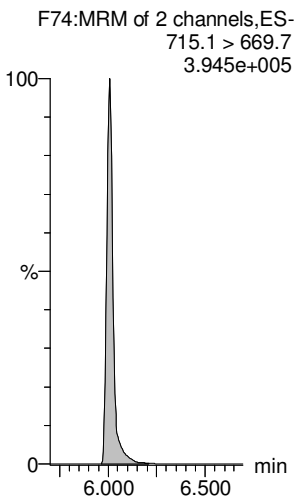

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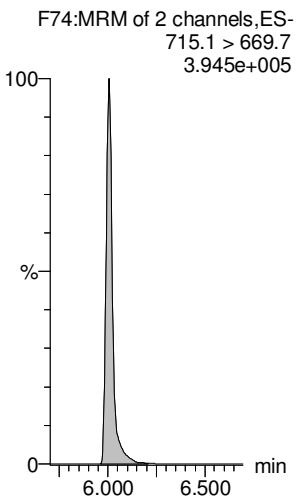

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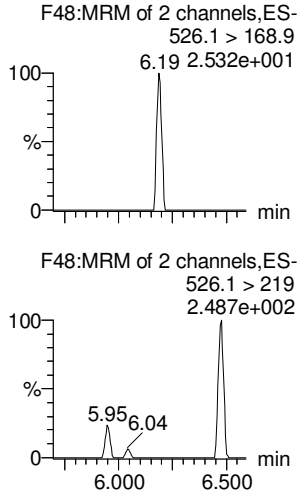
Printed: Tuesday, June 09, 2020 15:43:02 Pacific Daylight Time

Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

N-EtFOSA



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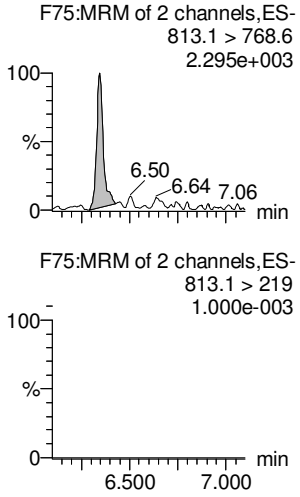

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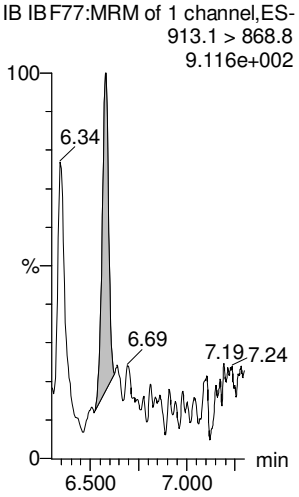

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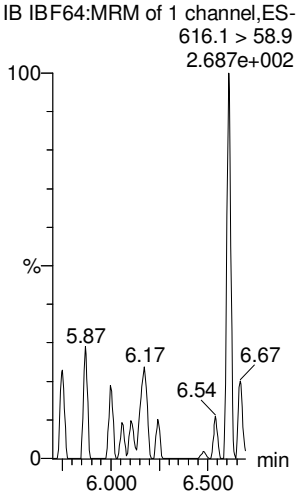

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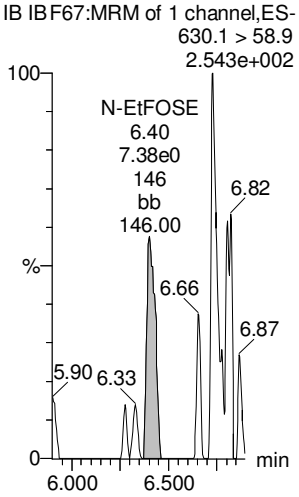

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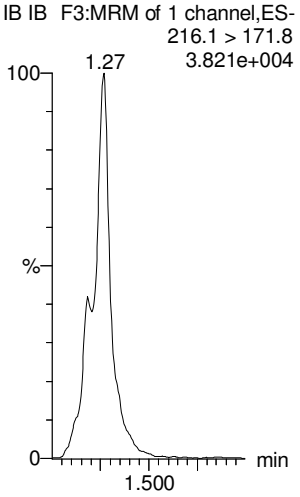

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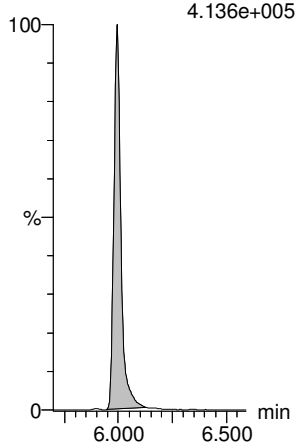

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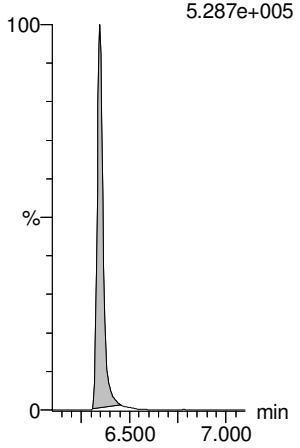

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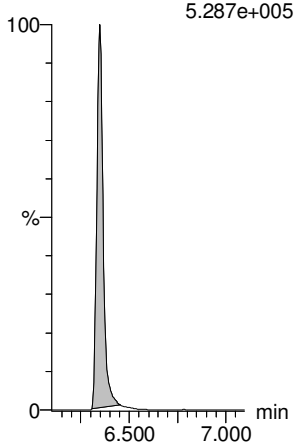

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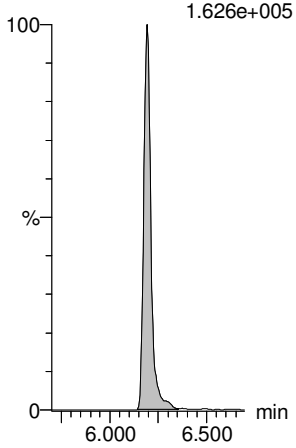

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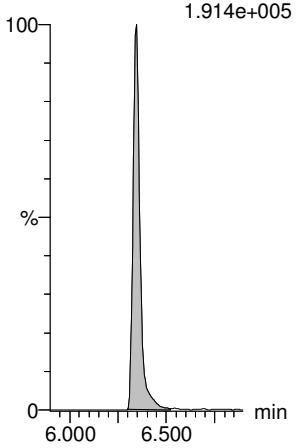

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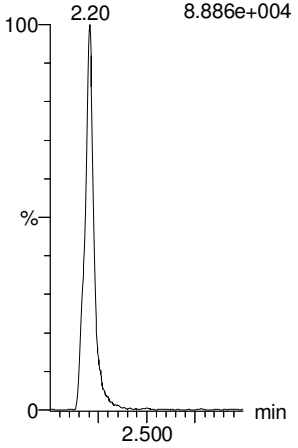

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Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

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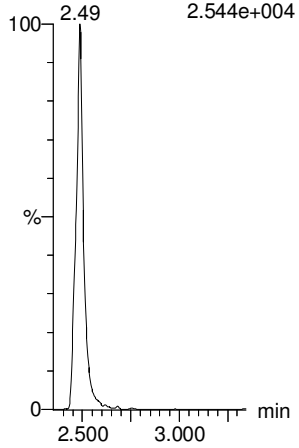

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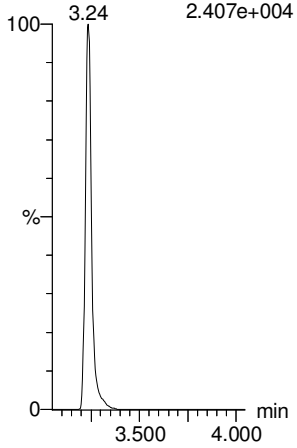

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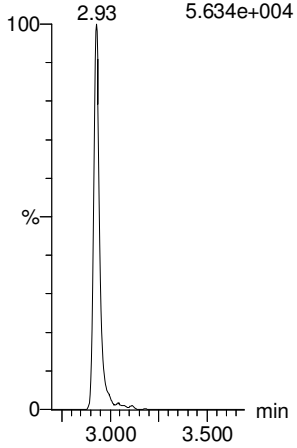

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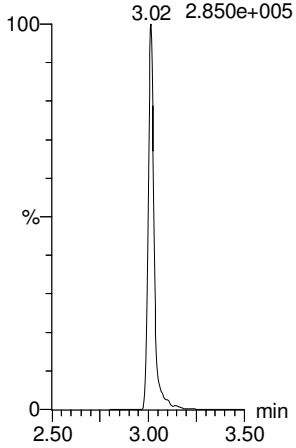

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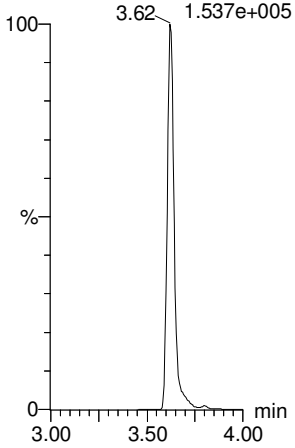

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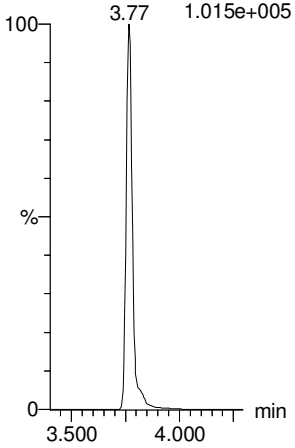

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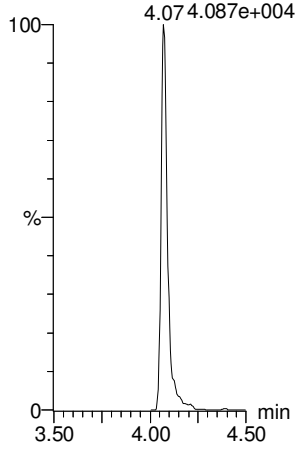

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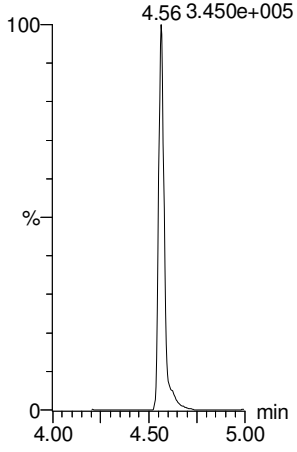

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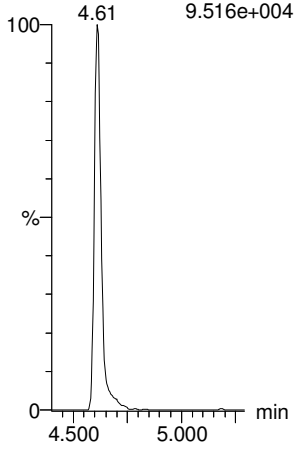

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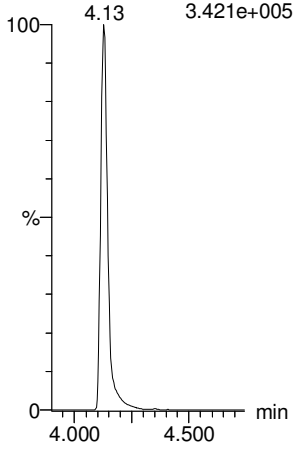

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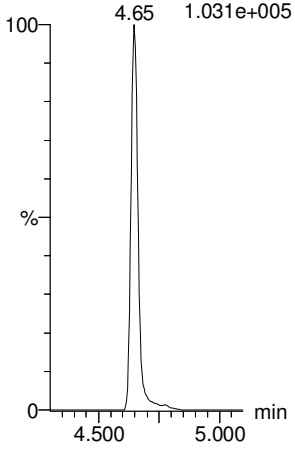

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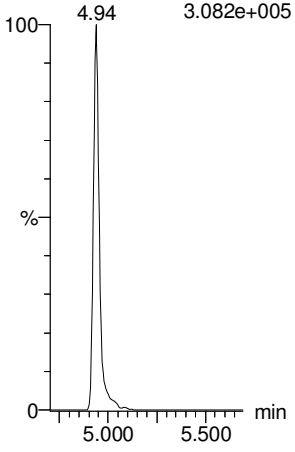

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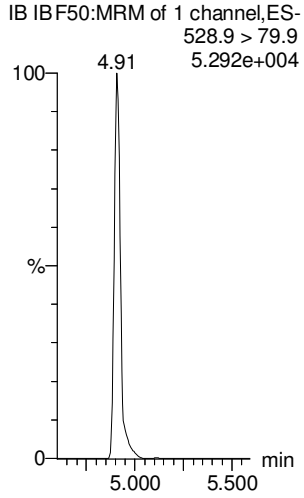
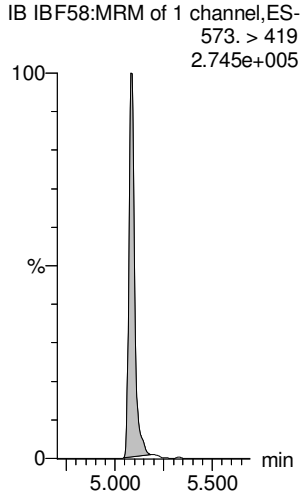
Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

13C2-8:2 FTS-RSD



d3-N-MeFOSAA-RSD



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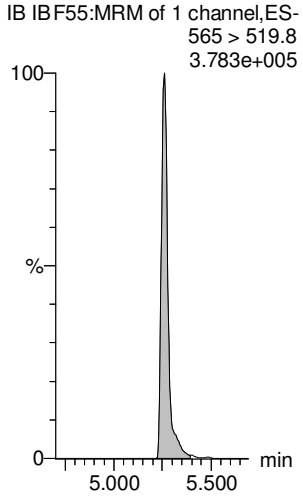

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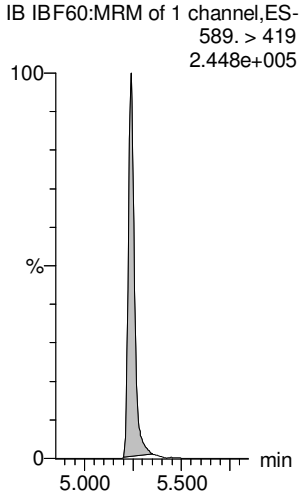

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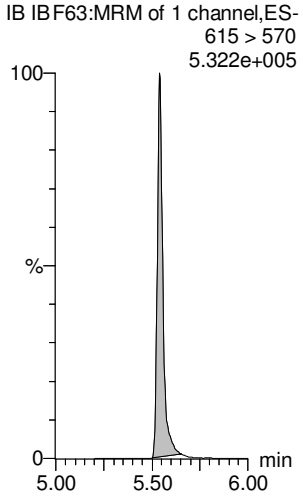

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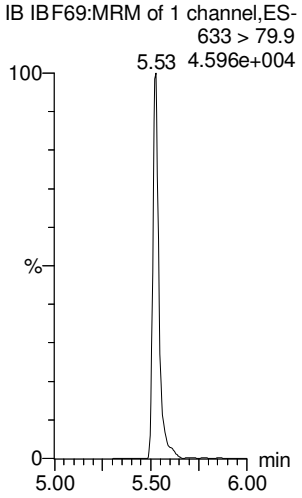

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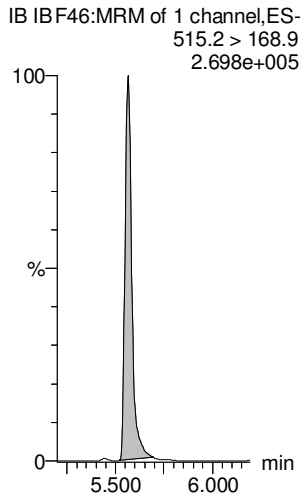

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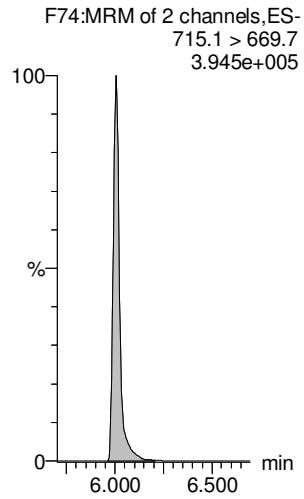

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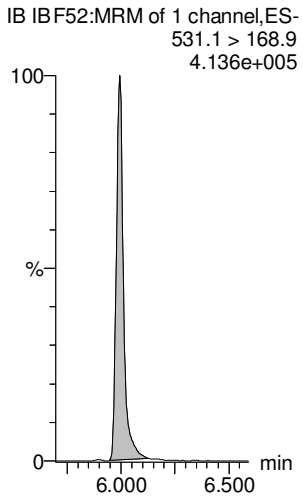

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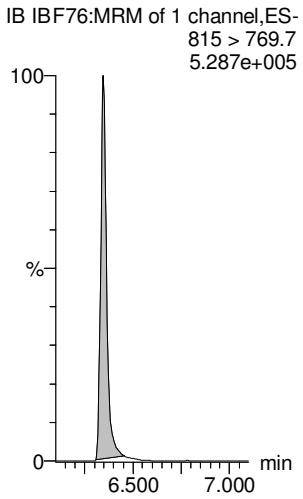

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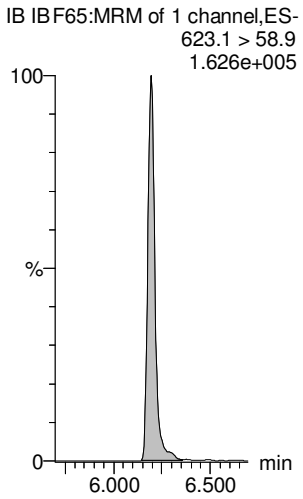

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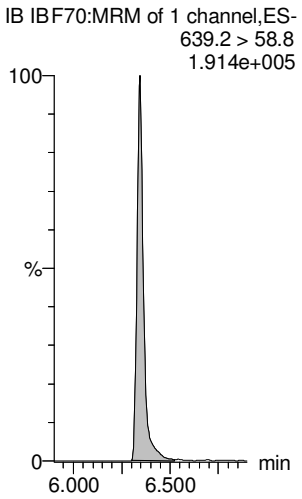

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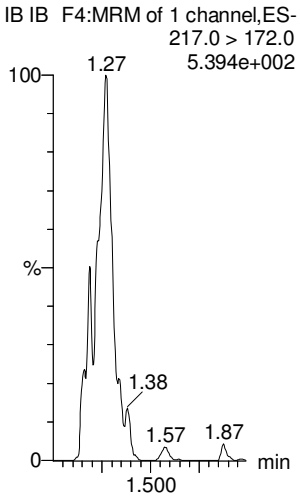
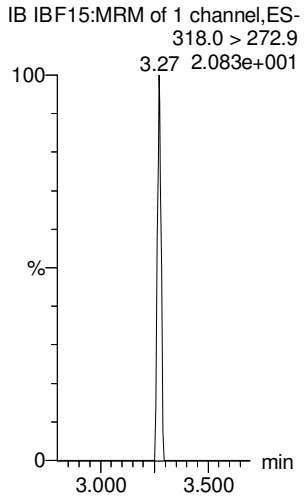
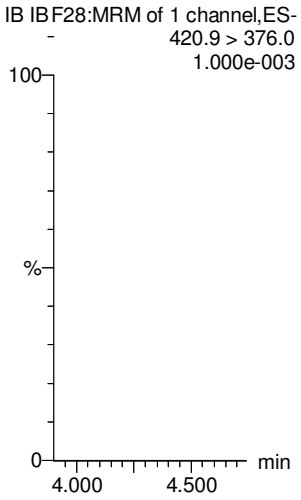
13C4-PFBA



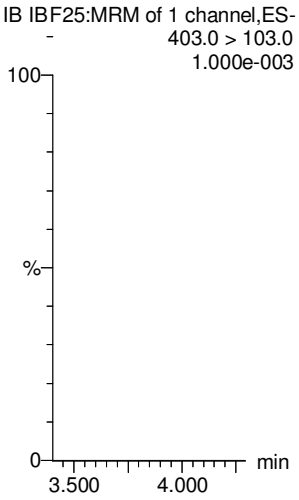
13C5-PFHxA



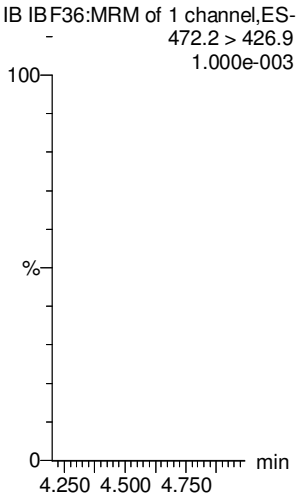
13C8-PFOA



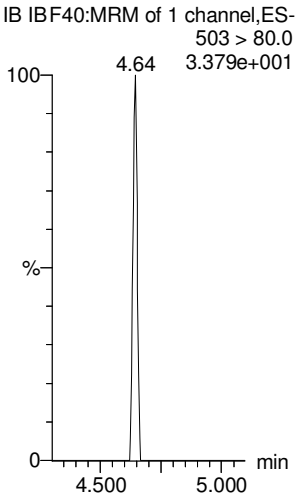
18O2-PFHxS



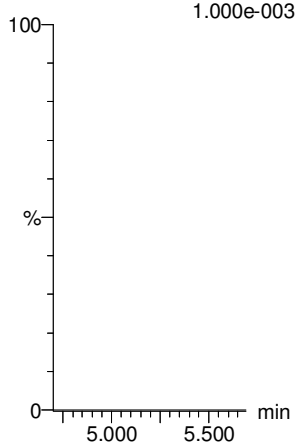
13C9-PFNA



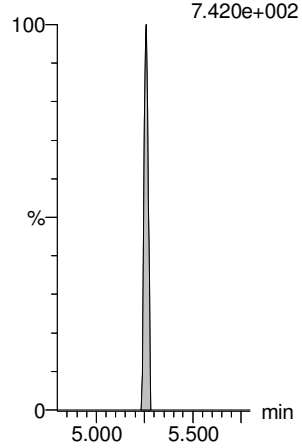
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Tuesday, June 09, 2020 15:42:57 Pacific Daylight Time
Printed: Tuesday, June 09, 2020 15:43:02 Pacific Daylight Time

Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		3110.876	1.00						NO		
2	2	PFPrS	248.9 > 79.9		1202.932	1.00						NO		
3	3	3:3 FTCA	241.1 > 177.0		4710.481	1.00						NO		
4	4	PFPeA	263.1 > 218.9		4710.481	1.00						NO		
5	5	PFBS	299.0 > 79.7		1202.932	1.00						NO		
6	6	4:2 FTS	327.0 > 306.9		1982.841	1.00						NO		
7	47	13C3-PFBA-EIS	216.1 > 171.8	3110.876		1.00	1.27	3110.876	12.500	9.07	72.6	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1202.932		1.00	2.49	1202.932	12.500	12.7	101.3	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	4710.481		1.00	2.20	4710.481	12.500	11.8	94.4	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	4710.481		1.00	2.20	4710.481	12.500	11.8	94.4	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1202.932		1.00	2.49	1202.932	12.500	12.7	101.3	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	1982.841		1.00	2.93	1982.841	12.500	12.7	101.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	7.944	9757.126	1.00	3.32	0.010				NO		
15	8	PFPeS	349.0 > 80.0		1202.932	1.00						NO		
16	9	HFPO-DA	285.1 > 168.9		878.289	1.00						NO		
17	10	5:3 FTCA	340.9 > 236.9		6249.128	1.00						NO		
18	11	PFHpA	363.0 > 318.9	5.729	6249.128	1.00	3.49	0.011				NO		
19	12	ADONA	376.8 > 250.9		6249.128	1.00						NO		
20	57	13C2-PFHxA-EIS	315.0 > 270.0	9757.126		1.00	3.02	9757.126	12.500	13.3	106.6	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1202.932		1.00	2.49	1202.932	12.500	12.7	101.3	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	878.289		1.00	3.24	878.289	12.500	11.9	95.5	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	6249.128		1.00	3.62	6249.128	12.500	13.1	104.5	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	6249.128		1.00	3.62	6249.128	12.500	13.1	104.5	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	6249.128		1.00	3.62	6249.128	12.500	13.1	104.5	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0		3396.798	1.00						NO		
28	15	6:2 FTS	427 > 407.0		1509.131	1.00						NO		
29	16	L-PFOA	412.8 > 368.9	79.781	11752.281	1.00	4.13	0.085				NO		
30	18	PFecHS	460.8 > 381.0		11752.281	1.00						NO		
31	19	PFHpS	448.9 > 80.0		3293.544	1.00						NO		
32	20	7:3 FTCA	441.0 > 337.0		11855.464	1.00						NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3396.798		1.00	3.77	3396.798	12.500	13.0	103.9	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	1509.131		1.00	4.07	1509.131	12.500	10.6	85.1	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	11752.281		1.00	4.13	11752.281	12.500	11.6	92.4	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	11752.281		1.00	4.13	11752.281	12.500	11.6	92.4	NO		

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Name: 200608M1_13, Date: 08-Jun-2020, Time: 17:07:23, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.0 > 80	3293.544		1.00	4.65	3293.544	12.500	11.1	89.0	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	11855.464		1.00	4.56	11855.464	12.500	13.4	107.0	NO		
39	-1													
40	21	PFNA	463.0 > 418.8		11855.464	1.00						NO		
41	22	PFOSA	498.0 > 78.0		3393.283	1.00						NO		
42	23	L-PFOS	499 > 80		3293.544	1.00						NO		
43	25	9Cl-PF30NS	531 > 351.0		3293.544	1.00						NO		
44	26	PFDA	513 > 468.8		11762.061	1.00						NO		
45	27	8:2 FTS	526.9 > 507.0		1893.643	1.00						NO		
46	65	13C5-PFNA-EIS	468.2 > 422.9	11855.464		1.00	4.56	11855.464	12.500	13.4	107.0	NO		
47	67	13C8-PFOSA-EIS	506. > 78	3393.283		1.00	4.61	3393.283	12.500	12.1	96.5	NO		
48	71	13C8-PFOS-EIS	507.0 > 80	3293.544		1.00	4.65	3293.544	12.500	11.1	89.0	NO		
49	71	13C8-PFOS-EIS	507.0 > 80	3293.544		1.00	4.65	3293.544	12.500	11.1	89.0	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	11762.061		1.00	4.94	11762.061	12.500	13.8	110.1	NO		
51	75	13C2-8:2 FTS-EIS	528.9 > 79.9	1893.643		1.00	4.91	1893.643	12.500	11.4	91.3	NO		
52	-1													
53	28	PFNS	549.0 > 79.9		3293.544	1.00						NO		
54	29	L-MeFOSAA	570 > 419		9077.112	1.00						NO		
55	31	L-EtFOSAA	583.6 > 418.9	10.313	8666.681	1.00	5.23	0.015		0.0769		NO		
56	33	PFUdA	563.0 > 518.9	18.148	14723.605	1.00	5.27	0.015		0.00515		NO		
57	34	PFDS	599.0 > 80.0		3293.544	1.00						NO		
58	35	11Cl-PF30UdS	630.9 > 450.9		18829.221	1.00						NO		
59	71	13C8-PFOS-EIS	507.0 > 80	3293.544		1.00	4.65	3293.544	12.500	11.1	89.0	NO		
60	77	d3-N-MeFOSAA-EIS	573. > 419	9077.112		1.00	5.08	9077.112	12.500	12.6	100.6	NO		
61	81	d5-N-EtFOSAA-EIS	589. > 419	8666.681		1.00	5.24	8666.681	12.500	12.4	99.2	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	14723.605		1.00	5.26	14723.605	12.500	10.6	85.0	NO		
63	71	13C8-PFOS-EIS	507.0 > 80	3293.544		1.00	4.65	3293.544	12.500	11.1	89.0	NO		
64	83	13C2-PFDoA-EIS	615 > 570	18829.221		1.00	5.54	18829.221	12.500	12.4	99.6	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	19.550	1677.598	1.00	5.53	0.146		0.00442		NO	1.914	NO
67	37	PFDoA	612.9 > 569.0	141.747	18829.221	1.00	5.57	0.094				NO		
68	38	N-MeFOSA	512.1 > 168.9	8.367	10622.076	1.00	5.49	0.118		0.482		NO		
69	39	PFTrDA	662.9 > 618.9	24.641	18829.221	1.00	5.84	0.016				NO		
70	40	PFDoS	698.9 > 80		14710.389	1.00						NO		
71	41	PFTeDA	713.0 > 669.0	22.048	14710.389	1.00	6.01	0.019				NO		
72	85	13C2-10:2 FTS-EIS	633 > 79.9	1677.598		1.00	5.53	1677.598	12.500	12.6	100.4	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	615 > 570	18829.221		1.00	5.54	18829.221	12.500	12.4	99.6	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	10622.076		1.00	5.57	10622.076	149.200	144	96.5	NO		
75	83	13C2-PFDoA-EIS	615 > 570	18829.221		1.00	5.54	18829.221	12.500	12.4	99.6	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	14710.389		1.00	6.01	14710.389	12.500	13.7	109.4	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	14710.389		1.00	6.01	14710.389	12.500	13.7	109.4	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9		16212.124	1.00						NO		
80	43	PFHxDA	813.1 > 768.6	91.992	19572.736	1.00	6.35	0.059				NO		
81	44	PFODA	913.1 > 868.8	28.099	19572.736	1.00	6.58	0.018				NO		
82	45	N-MeFOSE	616.1 > 58.9		6783.670	1.00						NO		
83	46	N-EtFOSE	630.1 > 58.9	7.377	7834.100	1.00	6.40	0.140		0.663		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8			1.00			12.500			NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	16212.124		1.00	5.99	16212.124	149.200	141	94.3	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	19572.736		1.00	6.35	19572.736	12.500	12.1	96.9	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	19572.736		1.00	6.35	19572.736	12.500	12.1	96.9	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6783.670		1.00	6.19	6783.670	149.200	139	92.9	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7834.100		1.00	6.34	7834.100	149.200	143	95.7	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9			1.00			12.500			NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506. > 78		18.450	1.00			12.500			NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	72	13C8-PFOS-RSD	507.0 > 80			1.00			12.500			NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	528.9 > 79.9			1.00			12.500			NO		
106	78	d3-N-MeFOSAA-RSD	573. > 419	9077.112	18.450	1.00	5.08	6149.805	12.500	11700	93562.1	YES		
107	80	13C2-PFUdA-RSD	565 > 519.8	14723.605	18.450	1.00	5.26	9975.342	12.500	9730	77805.9	YES		
108	82	d5-N-EtFOSAA-RSD	589. > 419	8666.681	18.450	1.00	5.24	5871.735	12.500	11600	92672.7	YES		

Vista Analytical Laboratory

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	615 > 570	18829.221		1.00	5.54		12.500			NO		
110	86	13C2-10:2 FTS-RSD	633 > 79.9			1.00			12.500			NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	10622.076	18.450	1.00	5.57	7196.528	149.200	139000	93104.9	YES		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	14710.389	18.450	1.00	6.01	9966.388	12.500	12300	98769.9	YES		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	16212.124	18.450	1.00	5.99	10983.824	149.200	135000	90387.6	YES		
114	94	13C2-PFHxDA-RSD	815 > 769.7	19572.736	18.450	1.00	6.35	13260.661	12.500	11000	87999.7	YES		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	6783.670	18.450	1.00	6.19	4595.982	149.200	131000	87722.7	YES		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	7834.100	18.450	1.00	6.34	5307.656	149.200	135000	90807.5	YES		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0			1.00			12.500			NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1...	18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 80.0			1.00			12.500			NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8	18.450	18.450	1.00	5.26	12.500	12.500	12.5	100.0	NO		

June 08, 2020

Vista Work Order No. 2001078

Ms. Suzanne Yerina
CES Inc.
640 Main Street
Lewiston, ME 0240

Dear Ms. Yerina,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on May 15, 2020 under your Project Name 'Coakley Landfill'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2001078
Case Narrative

Sample Condition on Receipt:

Nineteen aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. The collection times for samples "GW-FPC-4B" and "GW-AE-4B" were listed as “1007” and "1517", respectively, on the container labels. The sample matrices were not listed on the CoC; they have been reported as "aqueous".

Analytical Notes:

PFAS Isotope Dilution Method

The following samples contained particulate and were centrifuged prior to extraction:

Laboratory ID	Sample Name
2001078-09	GW-OP-2
2001078-12	GW-MW-21S
2001078-16	GW-FPC-11B
2001078-19	GW-FPC-9A

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above the Reporting Limit. The OPR recoveries were within the method acceptance criteria.

Samples "GW-MW-22D2", "GW-MW-21D1" and "GW-MW-21D2" were re-extracted due to having internal standard recoveries less than 20%. The recoveries were similar in the re-extractions, suggesting that the recoveries were affected by matrix interferences. The original results have been reported.

The internal standard recoveries outside the acceptance criteria are flagged with an "H" qualifier.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001078-01	FB-DI WATER	12-May-20 07:50	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-02	GW-EB-Metal filter	12-May-20 08:13	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-03	GW-FPC-4B	12-May-20 10:07	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-04	GW-MW-22S	12-May-20 11:13	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-05	GW-MW-22D2	12-May-20 12:17	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-06	GW-MW-22D1	12-May-20 13:23	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-07	GW-AE-4A	12-May-20 14:25	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-08	GW-AE-4B	12-May-20 15:17	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-09	GW-OP-2	14-May-20 16:08	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-10	GW-MW-21D1	13-May-20 11:03	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-11	GW-MW-21D2	13-May-20 09:55	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-12	GW-MW-21S	13-May-20 12:03	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-13	GW-FPC-6A	13-May-20 14:35	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-14	GW-FPC-6B	13-May-20 13:25	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-15	GW-FPC-11A	14-May-20 09:55	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-16	GW-FPC-11B	14-May-20 11:05	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-17	GW-GZ-109	14-May-20 12:20	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-18	GW-GZ-117	14-May-20 13:08	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL
2001078-19	GW-FPC-9A	14-May-20 14:58	15-May-20 10:20	HDPE Bottle, 125 mL
				HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0158-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.729	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFPeA	2706-90-3	ND	1.28	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFBS	375-73-5	ND	1.79	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFHxA	307-24-4	ND	2.18	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFHpA	375-85-9	ND	0.591	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFHxS	355-46-4	ND	0.947	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
6:2 FTS	27619-97-2	ND	2.00	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFOA	335-67-1	ND	0.651	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFHpS	375-92-8	ND	0.937	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFNA	375-95-1	ND	0.810	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFOSA	754-91-6	ND	1.77	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFOS	1763-23-1	ND	0.807	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFDA	335-76-2	ND	1.49	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
8:2 FTS	39108-34-4	ND	2.06	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
MeFOSAA	2355-31-9	ND	1.65	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
EtFOSAA	2991-50-6	ND	1.37	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFUnA	2058-94-8	ND	1.05	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFDS	335-77-3	ND	1.23	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFDoA	307-55-1	ND	0.792	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
MeFOSA	31506-32-8	ND	3.83	20.0		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFTrDA	72629-94-8	ND	0.494	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFTeDA	376-06-7	ND	0.755	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
EtFOSA	4151-50-2	ND	5.11	20.0		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
PFHxDA	67905-19-5	ND	0.294	4.00		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
MeFOSE	24448-09-7	ND	6.07	20.0		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
EtFOSE	1691-99-2	ND	9.44	20.0		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	117	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C3-PFPeA	IS	85.4	60 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C3-PFBS	IS	80.5	60 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-PFHxA	IS	73.9	70 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C4-PFHpA	IS	79.4	60 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C3-PFHxS	IS	74.9	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-6:2 FTS	IS	84.7	40 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C5-PFNA	IS	76.9	50 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C8-PFOSA	IS	39.6	20 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-PFOA	IS	76.4	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C8-PFOS	IS	71.0	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0158-BLK1
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	69.2	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-8:2 FTS	IS	68.3	40 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
d3-MeFOSAA	IS	68.7	50 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-PFUnA	IS	67.1	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
d5-EtFOSAA	IS	62.0	50 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-PFDoA	IS	66.2	30 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
d3-MeFOSA	IS	11.2	10 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-PFTeDA	IS	55.9	20 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
d5-EtFOSA	IS	11.3	10 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
13C2-PFHxDA	IS	44.8	20 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
d7-MeFOSE	IS	25.6	10 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1
d9-EtFOSE	IS	29.9	10 - 150		B0E0158	24-May-20	0.125 L	27-May-20 16:32	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0158-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	91.5	80.0	114	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFPeA	2706-90-3	93.5	80.0	117	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFBS	375-73-5	91.0	80.0	114	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFHxA	307-24-4	93.6	80.0	117	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFHpA	375-85-9	94.4	80.0	118	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFHxS	355-46-4	96.9	80.0	121	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
6:2 FTS	27619-97-2	81.8	80.0	102	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFOA	335-67-1	85.8	80.0	107	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFHpS	375-92-8	96.1	80.0	120	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFNA	375-95-1	88.2	80.0	110	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFOSA	754-91-6	96.3	80.0	120	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFOS	1763-23-1	79.1	80.0	98.8	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFDA	335-76-2	87.2	80.0	109	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
8:2 FTS	39108-34-4	67.7	80.0	84.7	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
MeFOSAA	2355-31-9	88.6	80.0	111	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
EtFOSAA	2991-50-6	88.9	80.0	111	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFUnA	2058-94-8	85.0	80.0	106	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFDS	335-77-3	78.0	80.0	97.4	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFDoA	307-55-1	86.1	80.0	108	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
MeFOSA	31506-32-8	471	400	118	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFTrDA	72629-94-8	85.3	80.0	107	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFTeDA	376-06-7	87.9	80.0	110	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
EtFOSA	4151-50-2	402	400	100	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
PFHxDA	67905-19-5	90.7	80.0	113	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
MeFOSE	24448-09-7	506	400	127	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
EtFOSE	1691-99-2	477	400	119	60 - 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	113	60- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C3-PFPeA	IS	86.3	60- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C3-PFBS	IS	82.9	60- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-PFHxA	IS	76.5	70- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C4-PFHpA	IS	77.7	60- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C3-PFHxS	IS	71.6	60- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-6:2 FTS	IS	81.9	40- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C5-PFNA	IS	79.1	50- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Matrix: Aqueous

Laboratory Data

Lab Sample: B0E0158-BS1
Column: BEH C18

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOSA	IS	37.1	20- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-PFOA	IS	79.2	60- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C8-PFOS	IS	79.3	60- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-PFDA	IS	69.5	60- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-8:2 FTS	IS	73.6	40- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
d3-MeFOSAA	IS	66.5	50- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-PFUnA	IS	69.1	60- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
d5-EtFOSAA	IS	61.2	50- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-PFDoA	IS	65.2	30- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
d3-MeFOSA	IS	11.5	10- 130		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-PFTeDA	IS	50.8	20- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
d5-EtFOSA	IS	11.6	10- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
13C2-PFHxDA	IS	34.8	20- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
d7-MeFOSE	IS	27.4	10- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1
d9-EtFOSE	IS	31.1	10- 150		B0E0158	24-May-20	0.125 L	27-May-20 16:43	1

Sample ID: FB-DI WATER

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: Field Blank

Matrix: Aqueous
Date Collected: 12-May-20 07:50

Laboratory Data

Lab Sample: 2001078-01
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.784	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFPeA	2706-90-3	ND	1.38	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFBS	375-73-5	ND	1.92	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFHxA	307-24-4	ND	2.34	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFHpA	375-85-9	ND	0.635	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFHxS	355-46-4	ND	1.02	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
6:2 FTS	27619-97-2	ND	2.15	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFOA	335-67-1	ND	0.700	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFHpS	375-92-8	ND	1.01	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFNA	375-95-1	ND	0.871	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFOSA	754-91-6	ND	1.90	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFOS	1763-23-1	ND	0.868	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFDA	335-76-2	ND	1.60	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
8:2 FTS	39108-34-4	ND	2.21	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
MeFOSAA	2355-31-9	ND	1.77	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
EtFOSAA	2991-50-6	ND	1.47	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFUnA	2058-94-8	ND	1.13	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFDS	335-77-3	ND	1.32	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFDoA	307-55-1	ND	0.851	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
MeFOSA	31506-32-8	ND	4.12	21.5		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFTrDA	72629-94-8	ND	0.531	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFTeDA	376-06-7	ND	0.812	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
EtFOSA	4151-50-2	ND	5.49	21.5		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
PFHxDA	67905-19-5	ND	0.316	4.30		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
MeFOSE	24448-09-7	ND	6.53	21.5		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
EtFOSE	1691-99-2	ND	10.1	21.5		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	106	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C3-PFPeA	IS	78.7	60 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C3-PFBS	IS	76.2	60 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-PFHxA	IS	71.7	70 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C4-PFHpA	IS	75.5	60 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C3-PFHxS	IS	72.5	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-6:2 FTS	IS	79.0	40 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C5-PFNA	IS	78.9	50 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C8-PFOSA	IS	30.3	20 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-PFOA	IS	73.3	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C8-PFOS	IS	73.8	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1

Sample ID: FB-DI WATER

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: Field Blank

Matrix: Aqueous
Date Collected: 12-May-20 07:50

Laboratory Data

Lab Sample: 2001078-01
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	70.4	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-8:2 FTS	IS	84.3	40 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
d3-MeFOSAA	IS	68.8	50 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-PFUnA	IS	66.9	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
d5-EtFOSAA	IS	63.7	50 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-PFDoA	IS	68.8	30 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
d3-MeFOSA	IS	11.7	10 - 130		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-PFTeDA	IS	51.5	20 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
d5-EtFOSA	IS	11.3	10 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
13C2-PFHxDA	IS	26.0	20 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
d7-MeFOSE	IS	25.0	10 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1
d9-EtFOSE	IS	26.6	10 - 150		B0E0158	24-May-20	0.116 L	27-May-20 16:53	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-EB-Metal filter

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: Filter-blank

Matrix: Aqueous
Date Collected: 12-May-20 08:13

Laboratory Data

Lab Sample: 2001078-02
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.796	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFPeA	2706-90-3	ND	1.40	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFBS	375-73-5	ND	1.96	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFHxA	307-24-4	ND	2.38	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFHpA	375-85-9	ND	0.646	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFHxS	355-46-4	ND	1.03	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
6:2 FTS	27619-97-2	ND	2.19	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFOA	335-67-1	ND	0.711	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFHpS	375-92-8	ND	1.02	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFNA	375-95-1	ND	0.885	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFOSA	754-91-6	ND	1.93	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFOS	1763-23-1	ND	0.882	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFDA	335-76-2	ND	1.63	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
8:2 FTS	39108-34-4	ND	2.25	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
MeFOSAA	2355-31-9	ND	1.80	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
EtFOSAA	2991-50-6	ND	1.50	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFUnA	2058-94-8	ND	1.15	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFDS	335-77-3	ND	1.34	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFDoA	307-55-1	ND	0.865	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
MeFOSA	31506-32-8	ND	4.18	21.9		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFTrDA	72629-94-8	ND	0.540	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFTeDA	376-06-7	ND	0.825	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
EtFOSA	4151-50-2	ND	5.58	21.9		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
PFHxDA	67905-19-5	ND	0.321	4.37		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
MeFOSE	24448-09-7	ND	6.63	21.9		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
EtFOSE	1691-99-2	ND	10.3	21.9		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	117	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C3-PFPeA	IS	77.5	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C3-PFBS	IS	81.0	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-PFHxA	IS	69.3	70 - 130	H	B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C4-PFHpA	IS	71.9	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C3-PFHxS	IS	72.7	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-6:2 FTS	IS	72.4	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C5-PFNA	IS	74.0	50 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C8-PFOSA	IS	55.2	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-PFOA	IS	72.9	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C8-PFOS	IS	79.0	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1

Sample ID: GW-EB-Metal filter

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: Filter-blank

Matrix: Aqueous
Date Collected: 12-May-20 08:13

Laboratory Data

Lab Sample: 2001078-02
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	68.2	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-8:2 FTS	IS	69.7	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
d3-MeFOSAA	IS	71.1	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-PFUnA	IS	64.2	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
d5-EtFOSAA	IS	72.0	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-PFDoA	IS	67.1	30 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
d3-MeFOSA	IS	23.8	10 - 130		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-PFTeDA	IS	47.2	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
d5-EtFOSA	IS	24.9	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
13C2-PFHxDA	IS	25.4	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
d7-MeFOSE	IS	44.5	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1
d9-EtFOSE	IS	47.0	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 17:04	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-4B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-4B
Matrix: Aqueous
Date Collected: 12-May-20 10:07

Laboratory Data

Lab Sample: 2001078-03
Date Received: 15-May-20 10:20
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.795	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFPeA	2706-90-3	ND	1.40	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFBS	375-73-5	ND	1.95	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFHxA	307-24-4	ND	2.38	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFHpA	375-85-9	ND	0.644	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFHxS	355-46-4	ND	1.03	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
6:2 FTS	27619-97-2	ND	2.18	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFOA	335-67-1	ND	0.710	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFHpS	375-92-8	ND	1.02	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFNA	375-95-1	ND	0.883	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFOSA	754-91-6	10.3	1.93	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFOS	1763-23-1	ND	0.880	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFDA	335-76-2	ND	1.62	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
8:2 FTS	39108-34-4	ND	2.25	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
MeFOSAA	2355-31-9	ND	1.80	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
EtFOSAA	2991-50-6	ND	1.49	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFUnA	2058-94-8	ND	1.14	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFDS	335-77-3	ND	1.34	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFDoA	307-55-1	ND	0.864	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
MeFOSA	31506-32-8	ND	4.18	21.8		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFTrDA	72629-94-8	ND	0.539	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFTeDA	376-06-7	ND	0.823	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
EtFOSA	4151-50-2	ND	5.57	21.8		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
PFHxDA	67905-19-5	ND	0.321	4.36		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
MeFOSE	24448-09-7	ND	6.62	21.8		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
EtFOSE	1691-99-2	ND	10.3	21.8		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	123	60 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C3-PFPeA	IS	85.0	60 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C3-PFBS	IS	81.4	60 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-PFHxA	IS	71.9	70 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C4-PFHpA	IS	80.0	60 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C3-PFHxS	IS	76.6	60 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-6:2 FTS	IS	84.5	40 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C5-PFNA	IS	83.2	50 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C8-PFOSA	IS	47.5	20 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-PFOA	IS	77.4	60 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C8-PFOS	IS	77.9	60 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1

Sample ID: GW-FPC-4B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-4B

Matrix: Aqueous
Date Collected: 12-May-20 10:07

Laboratory Data

Lab Sample: 2001078-03
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	73.2	60 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-8:2 FTS	IS	71.4	40 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
d3-MeFOSAA	IS	77.8	50 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-PFUnA	IS	71.3	60 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
d5-EtFOSAA	IS	73.0	50 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-PFDoA	IS	71.1	30 - 130		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
d3-MeFOSA	IS	9.80	10 - 130	H	B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-PFTeDA	IS	54.5	20 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
d5-EtFOSA	IS	8.60	10 - 150	H	B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
13C2-PFHxDA	IS	29.0	20 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
d7-MeFOSE	IS	37.9	10 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1
d9-EtFOSE	IS	42.6	10 - 150		B0E0158	24-May-20	0.115 L	27-May-20 17:14	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-22S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-22S

Matrix: Aqueous
Date Collected: 12-May-20 11:13

Laboratory Data

Lab Sample: 2001078-04
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.774	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFPeA	2706-90-3	ND	1.36	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFBS	375-73-5	ND	1.90	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFHxA	307-24-4	ND	2.31	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFHpA	375-85-9	ND	0.627	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFHxS	355-46-4	ND	1.01	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
6:2 FTS	27619-97-2	ND	2.12	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFOA	335-67-1	ND	0.691	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFHpS	375-92-8	ND	0.995	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFNA	375-95-1	ND	0.860	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFOSA	754-91-6	ND	1.88	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFOS	1763-23-1	ND	0.857	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFDA	335-76-2	ND	1.58	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
8:2 FTS	39108-34-4	ND	2.19	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
MeFOSAA	2355-31-9	ND	1.75	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
EtFOSAA	2991-50-6	ND	1.45	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFUnA	2058-94-8	ND	1.11	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFDS	335-77-3	ND	1.31	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFDoA	307-55-1	ND	0.841	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
MeFOSA	31506-32-8	ND	4.07	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFTrDA	72629-94-8	ND	0.524	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFTeDA	376-06-7	ND	0.801	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
EtFOSA	4151-50-2	ND	5.42	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
PFHxDA	67905-19-5	ND	0.312	4.25		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
MeFOSE	24448-09-7	ND	6.44	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
EtFOSE	1691-99-2	ND	10.0	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	118	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C3-PFPeA	IS	81.7	60 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C3-PFBS	IS	81.8	60 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-PFHxA	IS	70.5	70 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C4-PFHpA	IS	73.6	60 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C3-PFHxS	IS	66.3	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-6:2 FTS	IS	82.0	40 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C5-PFNA	IS	79.0	50 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C8-PFOSA	IS	43.7	20 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-PFOA	IS	72.4	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C8-PFOS	IS	73.2	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1

Sample ID: GW-MW-22S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-22S
Matrix: Aqueous
Date Collected: 12-May-20 11:13

Laboratory Data

Lab Sample: 2001078-04
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	69.1	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-8:2 FTS	IS	68.6	40 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
d3-MeFOSAA	IS	69.9	50 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-PFUnA	IS	68.7	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
d5-EtFOSAA	IS	69.4	50 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-PFDoA	IS	68.5	30 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
d3-MeFOSA	IS	17.7	10 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-PFTeDA	IS	55.6	20 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
d5-EtFOSA	IS	18.4	10 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
13C2-PFHxDA	IS	44.3	20 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
d7-MeFOSE	IS	39.9	10 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1
d9-EtFOSE	IS	44.6	10 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:25	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-22D2

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-22D2

Matrix: Aqueous
Date Collected: 12-May-20 12:17

Laboratory Data

Lab Sample: 2001078-05
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.773	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFPeA	2706-90-3	ND	1.36	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFBS	375-73-5	ND	1.90	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFHxA	307-24-4	ND	2.31	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFHpA	375-85-9	ND	0.627	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFHxS	355-46-4	ND	1.00	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
6:2 FTS	27619-97-2	ND	2.12	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFOA	335-67-1	ND	0.691	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFHpS	375-92-8	ND	0.994	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFNA	375-95-1	ND	0.859	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFOSA	754-91-6	ND	1.88	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFOS	1763-23-1	ND	0.856	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFDA	335-76-2	ND	1.58	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
8:2 FTS	39108-34-4	ND	2.19	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
MeFOSAA	2355-31-9	ND	1.75	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
EtFOSAA	2991-50-6	ND	1.45	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFUnA	2058-94-8	ND	1.11	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFDS	335-77-3	ND	1.30	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFDoA	307-55-1	ND	0.840	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
MeFOSA	31506-32-8	ND	4.06	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFTrDA	72629-94-8	ND	0.524	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFTeDA	376-06-7	ND	0.801	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
EtFOSA	4151-50-2	ND	5.42	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
PFHxDA	67905-19-5	ND	0.312	4.24		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
MeFOSE	24448-09-7	ND	6.44	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
EtFOSE	1691-99-2	ND	10.0	21.2		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	1.20	60 - 130	H	B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C3-PFPeA	IS	19.7	60 - 150	H	B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C3-PFBS	IS	56.6	60 - 150	H	B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-PFHxA	IS	60.4	70 - 130	H	B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C4-PFHpA	IS	78.1	60 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C3-PFHxS	IS	77.1	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-6:2 FTS	IS	120	40 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C5-PFNA	IS	77.1	50 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C8-PFOSA	IS	63.9	20 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-PFOA	IS	76.2	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C8-PFOS	IS	80.8	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1

Sample ID: GW-MW-22D2

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-22D2

Matrix: Aqueous
Date Collected: 12-May-20 12:17

Laboratory Data

Lab Sample: 2001078-05
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	71.9	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-8:2 FTS	IS	84.2	40 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
d3-MeFOSAA	IS	70.9	50 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-PFUnA	IS	64.1	60 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
d5-EtFOSAA	IS	77.4	50 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-PFDoA	IS	64.5	30 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
d3-MeFOSA	IS	21.2	10 - 130		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-PFTeDA	IS	62.7	20 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
d5-EtFOSA	IS	20.2	10 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
13C2-PFHxDA	IS	49.4	20 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
d7-MeFOSE	IS	38.0	10 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1
d9-EtFOSE	IS	40.7	10 - 150		B0E0158	24-May-20	0.118 L	27-May-20 17:35	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-22D1

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-22D1

Matrix: Aqueous
Date Collected: 12-May-20 13:23

Laboratory Data

Lab Sample: 2001078-06
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.797	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFPeA	2706-90-3	ND	1.40	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFBS	375-73-5	ND	1.96	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFHxA	307-24-4	ND	2.38	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFHpA	375-85-9	ND	0.646	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFHxS	355-46-4	ND	1.04	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
6:2 FTS	27619-97-2	ND	2.19	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFOA	335-67-1	ND	0.712	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFHpS	375-92-8	ND	1.02	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFNA	375-95-1	ND	0.886	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFOSA	754-91-6	ND	1.94	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFOS	1763-23-1	ND	0.883	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFDA	335-76-2	ND	1.63	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
8:2 FTS	39108-34-4	ND	2.25	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
MeFOSAA	2355-31-9	ND	1.80	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
EtFOSAA	2991-50-6	ND	1.50	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFUnA	2058-94-8	ND	1.15	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFDS	335-77-3	ND	1.35	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFDoA	307-55-1	ND	0.866	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
MeFOSA	31506-32-8	ND	4.19	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFTrDA	72629-94-8	ND	0.540	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFTeDA	376-06-7	ND	0.826	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
EtFOSA	4151-50-2	ND	5.59	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
PFHxDA	67905-19-5	ND	0.322	4.37		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
MeFOSE	24448-09-7	ND	6.64	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
EtFOSE	1691-99-2	ND	10.3	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	34.7	60 - 130	H	B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C3-PFPeA	IS	82.9	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C3-PFBS	IS	84.5	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-PFHxA	IS	80.3	70 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C4-PFHpA	IS	81.5	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C3-PFHxS	IS	76.3	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-6:2 FTS	IS	87.7	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C5-PFNA	IS	81.9	50 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C8-PFOSA	IS	57.4	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-PFOA	IS	81.4	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C8-PFOS	IS	84.1	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1

Sample ID: GW-MW-22D1

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-22D1

Matrix: Aqueous
Date Collected: 12-May-20 13:23

Laboratory Data

Lab Sample: 2001078-06
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	78.3	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-8:2 FTS	IS	76.7	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
d3-MeFOSAA	IS	81.1	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-PFUnA	IS	74.0	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
d5-EtFOSAA	IS	83.4	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-PFDoA	IS	73.2	30 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
d3-MeFOSA	IS	21.7	10 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-PFTeDA	IS	58.7	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
d5-EtFOSA	IS	18.5	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
13C2-PFHxDA	IS	37.0	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
d7-MeFOSE	IS	33.5	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1
d9-EtFOSE	IS	35.6	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:07	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-4A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-4A

Matrix: Aqueous
Date Collected: 12-May-20 14:25

Laboratory Data

Lab Sample: 2001078-07
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.806	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFPeA	2706-90-3	ND	1.42	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFBS	375-73-5	ND	1.98	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFHxA	307-24-4	ND	2.41	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFHpA	375-85-9	ND	0.654	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFHxS	355-46-4	ND	1.05	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
6:2 FTS	27619-97-2	ND	2.21	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFOA	335-67-1	ND	0.720	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFHpS	375-92-8	ND	1.04	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFNA	375-95-1	ND	0.896	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFOSA	754-91-6	ND	1.96	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFOS	1763-23-1	ND	0.892	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFDA	335-76-2	ND	1.65	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
8:2 FTS	39108-34-4	ND	2.28	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
MeFOSAA	2355-31-9	ND	1.82	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
EtFOSAA	2991-50-6	ND	1.51	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFUnA	2058-94-8	ND	1.16	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFDS	335-77-3	ND	1.36	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFDoA	307-55-1	ND	0.876	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
MeFOSA	31506-32-8	ND	4.24	22.1		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFTrDA	72629-94-8	ND	0.546	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFTeDA	376-06-7	ND	0.835	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
EtFOSA	4151-50-2	ND	5.65	22.1		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
PFHxDA	67905-19-5	ND	0.325	4.42		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
MeFOSE	24448-09-7	ND	6.71	22.1		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
EtFOSE	1691-99-2	ND	10.4	22.1		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	126	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C3-PFPeA	IS	81.1	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C3-PFBS	IS	80.1	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-PFHxA	IS	71.2	70 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C4-PFHpA	IS	81.1	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C3-PFHxS	IS	74.6	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-6:2 FTS	IS	72.5	40 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C5-PFNA	IS	83.5	50 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C8-PFOSA	IS	51.7	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-PFOA	IS	75.8	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C8-PFOS	IS	76.3	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1

Sample ID: GW-AE-4A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-4A

Matrix: Aqueous
Date Collected: 12-May-20 14:25

Laboratory Data

Lab Sample: 2001078-07
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	75.0	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-8:2 FTS	IS	70.6	40 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
d3-MeFOSAA	IS	76.5	50 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-PFUnA	IS	72.2	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
d5-EtFOSAA	IS	74.1	50 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-PFDoA	IS	68.5	30 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
d3-MeFOSA	IS	14.5	10 - 130		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-PFTeDA	IS	62.1	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
d5-EtFOSA	IS	14.0	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
13C2-PFHxDA	IS	39.2	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
d7-MeFOSE	IS	42.4	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1
d9-EtFOSE	IS	45.2	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 18:17	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-AE-4B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-4B

Matrix: Aqueous
Date Collected: 12-May-20 15:17

Laboratory Data

Lab Sample: 2001078-08
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.754	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFPeA	2706-90-3	ND	1.32	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFBS	375-73-5	ND	1.85	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFHxA	307-24-4	ND	2.25	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFHpA	375-85-9	ND	0.611	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFHxS	355-46-4	ND	0.979	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
6:2 FTS	27619-97-2	ND	2.07	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFOA	335-67-1	ND	0.673	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFHpS	375-92-8	ND	0.969	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFNA	375-95-1	ND	0.838	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFOSA	754-91-6	ND	1.83	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFOS	1763-23-1	ND	0.834	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFDA	335-76-2	ND	1.54	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
8:2 FTS	39108-34-4	ND	2.13	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
MeFOSAA	2355-31-9	ND	1.71	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
EtFOSAA	2991-50-6	ND	1.42	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFUnA	2058-94-8	ND	1.09	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFDS	335-77-3	ND	1.27	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFDoA	307-55-1	ND	0.819	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
MeFOSA	31506-32-8	ND	3.96	20.7		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFTrDA	72629-94-8	ND	0.511	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFTeDA	376-06-7	ND	0.781	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
EtFOSA	4151-50-2	ND	5.28	20.7		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
PFHxDA	67905-19-5	ND	0.304	4.14		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
MeFOSE	24448-09-7	ND	6.28	20.7		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
EtFOSE	1691-99-2	ND	9.76	20.7		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	133	60 - 130	H	B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C3-PFPeA	IS	87.9	60 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C3-PFBS	IS	82.0	60 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-PFHxA	IS	77.7	70 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C4-PFHpA	IS	79.1	60 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C3-PFHxS	IS	81.2	60 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-6:2 FTS	IS	84.6	40 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C5-PFNA	IS	84.7	50 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C8-PFOSA	IS	47.2	20 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-PFOA	IS	81.0	60 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C8-PFOS	IS	75.9	60 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1

Sample ID: GW-AE-4B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: AE-4B
Matrix: Aqueous
Date Collected: 12-May-20 15:17

Laboratory Data

Lab Sample: 2001078-08
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	78.5	60 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-8:2 FTS	IS	78.3	40 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
d3-MeFOSAA	IS	78.5	50 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-PFUnA	IS	74.1	60 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
d5-EtFOSAA	IS	69.4	50 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-PFDoA	IS	76.0	30 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
d3-MeFOSA	IS	10.7	10 - 130		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-PFTeDA	IS	67.6	20 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
d5-EtFOSA	IS	8.80	10 - 150	H	B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
13C2-PFHxDA	IS	46.4	20 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
d7-MeFOSE	IS	35.5	10 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1
d9-EtFOSE	IS	38.3	10 - 150		B0E0158	24-May-20	0.121 L	27-May-20 18:28	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-OP-2 **PFAS Isotope Dilution Method**

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: OP-2

Matrix: Aqueous
Date Collected: 14-May-20 16:08

Laboratory Data

Lab Sample: 2001078-09
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.55	0.810	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFPeA	2706-90-3	15.0	1.42	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFBS	375-73-5	2.20	1.99	4.45	J	B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFHxA	307-24-4	25.2	2.42	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFHpA	375-85-9	41.5	0.657	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFHxS	355-46-4	8.13	1.05	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
6:2 FTS	27619-97-2	ND	2.22	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFOA	335-67-1	96.1	0.724	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFHpS	375-92-8	ND	1.04	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFNA	375-95-1	10.0	0.900	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFOSA	754-91-6	6.50	1.97	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFOS	1763-23-1	10.5	0.897	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFDA	335-76-2	ND	1.66	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
8:2 FTS	39108-34-4	ND	2.29	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
MeFOSAA	2355-31-9	ND	1.83	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
EtFOSAA	2991-50-6	ND	1.52	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFUnA	2058-94-8	ND	1.17	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFDS	335-77-3	ND	1.37	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFDoA	307-55-1	ND	0.880	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
MeFOSA	31506-32-8	ND	4.26	22.2		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFTrDA	72629-94-8	ND	0.549	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFTeDA	376-06-7	ND	0.839	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
EtFOSA	4151-50-2	ND	5.68	22.2		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
PFHxDA	67905-19-5	ND	0.327	4.45		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
MeFOSE	24448-09-7	ND	6.75	22.2		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
EtFOSE	1691-99-2	ND	10.5	22.2		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	130	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C3-PFPeA	IS	86.5	60 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C3-PFBS	IS	77.0	60 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-PFHxA	IS	77.0	70 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C4-PFHpA	IS	82.7	60 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C3-PFHxS	IS	78.3	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-6:2 FTS	IS	77.7	40 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C5-PFNA	IS	78.9	50 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C8-PFOSA	IS	43.6	20 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-PFOA	IS	80.0	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C8-PFOS	IS	76.1	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1

Sample ID: GW-OP-2

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: OP-2
Matrix: Aqueous
Date Collected: 14-May-20 16:08

Laboratory Data

Lab Sample: 2001078-09
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	69.8	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-8:2 FTS	IS	76.4	40 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
d3-MeFOSAA	IS	61.9	50 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-PFUnA	IS	68.5	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
d5-EtFOSAA	IS	64.4	50 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-PFDoA	IS	68.0	30 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
d3-MeFOSA	IS	21.4	10 - 130		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-PFTeDA	IS	55.5	20 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
d5-EtFOSA	IS	21.8	10 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
13C2-PFHxDA	IS	42.1	20 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
d7-MeFOSE	IS	41.4	10 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1
d9-EtFOSE	IS	44.3	10 - 150		B0E0158	24-May-20	0.112 L	27-May-20 18:38	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-21D1

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW21D1

Matrix: Aqueous
Date Collected: 13-May-20 11:03

Laboratory Data

Lab Sample: 2001078-10
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.800	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFPeA	2706-90-3	ND	1.40	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFBS	375-73-5	ND	1.96	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFHxA	307-24-4	ND	2.39	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFHpA	375-85-9	ND	0.648	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFHxS	355-46-4	ND	1.04	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
6:2 FTS	27619-97-2	ND	2.19	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFOA	335-67-1	ND	0.714	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFHpS	375-92-8	ND	1.03	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFNA	375-95-1	ND	0.888	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFOSA	754-91-6	ND	1.94	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFOS	1763-23-1	ND	0.885	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFDA	335-76-2	ND	1.63	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
8:2 FTS	39108-34-4	ND	2.26	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
MeFOSAA	2355-31-9	ND	1.81	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
EtFOSAA	2991-50-6	ND	1.50	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFUnA	2058-94-8	ND	1.15	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFDS	335-77-3	ND	1.35	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFDoA	307-55-1	ND	0.869	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
MeFOSA	31506-32-8	ND	4.20	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFTrDA	72629-94-8	ND	0.542	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFTeDA	376-06-7	ND	0.828	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
EtFOSA	4151-50-2	ND	5.61	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
PFHxDA	67905-19-5	ND	0.322	4.39		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
MeFOSE	24448-09-7	ND	6.66	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
EtFOSE	1691-99-2	ND	10.4	21.9		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	10.5	60 - 130	H	B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C3-PFPeA	IS	55.5	60 - 150	H	B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C3-PFBS	IS	73.9	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-PFHxA	IS	70.3	70 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C4-PFHpA	IS	75.5	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C3-PFHxS	IS	73.6	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-6:2 FTS	IS	83.0	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C5-PFNA	IS	79.4	50 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C8-PFOSA	IS	55.4	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-PFOA	IS	76.7	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C8-PFOS	IS	75.6	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1

Sample ID: GW-MW-21D1

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW21D1

Matrix: Aqueous
Date Collected: 13-May-20 11:03

Laboratory Data

Lab Sample: 2001078-10
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	70.2	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-8:2 FTS	IS	71.8	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
d3-MeFOSAA	IS	76.5	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-PFUnA	IS	70.1	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
d5-EtFOSAA	IS	73.0	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-PFDoA	IS	76.2	30 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
d3-MeFOSA	IS	35.0	10 - 130		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-PFTeDA	IS	66.7	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
d5-EtFOSA	IS	32.3	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
13C2-PFHxDA	IS	55.0	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
d7-MeFOSE	IS	38.7	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1
d9-EtFOSE	IS	41.0	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 18:49	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-21D2

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW21D2

Matrix: Aqueous
Date Collected: 13-May-20 09:55

Laboratory Data

Lab Sample: 2001078-11
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.828	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFPeA	2706-90-3	ND	1.45	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFBS	375-73-5	ND	2.03	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFHxA	307-24-4	ND	2.48	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFHpA	375-85-9	ND	0.671	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFHxS	355-46-4	ND	1.08	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
6:2 FTS	27619-97-2	3.00	2.27	4.54	J	B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFOA	335-67-1	ND	0.739	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFHpS	375-92-8	ND	1.06	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFNA	375-95-1	ND	0.920	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFOSA	754-91-6	ND	2.01	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFOS	1763-23-1	ND	0.917	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFDA	335-76-2	ND	1.69	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
8:2 FTS	39108-34-4	ND	2.34	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
MeFOSAA	2355-31-9	ND	1.87	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
EtFOSAA	2991-50-6	ND	1.56	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFUnA	2058-94-8	ND	1.19	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFDS	335-77-3	ND	1.40	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFDoA	307-55-1	ND	0.900	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
MeFOSA	31506-32-8	ND	4.35	22.7		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFTrDA	72629-94-8	ND	0.561	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFTeDA	376-06-7	ND	0.857	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
EtFOSA	4151-50-2	ND	5.80	22.7		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
PFHxDA	67905-19-5	ND	0.334	4.54		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
MeFOSE	24448-09-7	ND	6.89	22.7		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
EtFOSE	1691-99-2	ND	10.7	22.7		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	8.60	60 - 130	H	B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C3-PFPeA	IS	46.4	60 - 150	H	B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C3-PFBS	IS	76.7	60 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-PFHxA	IS	73.4	70 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C4-PFHpA	IS	80.3	60 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C3-PFHxS	IS	70.0	60 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-6:2 FTS	IS	83.1	40 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C5-PFNA	IS	84.0	50 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C8-PFOSA	IS	66.2	20 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-PFOA	IS	81.3	60 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C8-PFOS	IS	86.6	60 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1

Sample ID: GW-MW-21D2

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW21D2

Matrix: Aqueous
Date Collected: 13-May-20 09:55

Laboratory Data

Lab Sample: 2001078-11
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	71.4	60 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-8:2 FTS	IS	71.3	40 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
d3-MeFOSAA	IS	79.3	50 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-PFUnA	IS	65.5	60 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
d5-EtFOSAA	IS	77.3	50 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-PFDoA	IS	68.4	30 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
d3-MeFOSA	IS	36.0	10 - 130		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-PFTeDA	IS	45.8	20 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
d5-EtFOSA	IS	31.1	10 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
13C2-PFHxDA	IS	17.6	20 - 150	H	B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
d7-MeFOSE	IS	44.3	10 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1
d9-EtFOSE	IS	44.9	10 - 150		B0E0158	24-May-20	0.110 L	27-May-20 18:59	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-MW-21S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-21S

Matrix: Aqueous
Date Collected: 13-May-20 12:03

Laboratory Data

Lab Sample: 2001078-12
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	18.0	0.783	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFPeA	2706-90-3	29.7	1.37	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFBS	375-73-5	7.85	1.92	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFHxA	307-24-4	55.3	2.34	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFHpA	375-85-9	61.5	0.635	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFHxS	355-46-4	27.4	1.02	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
6:2 FTS	27619-97-2	ND	2.15	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFOA	335-67-1	192	0.699	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFHpS	375-92-8	ND	1.01	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFNA	375-95-1	13.4	0.870	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFOSA	754-91-6	16.0	1.90	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFOS	1763-23-1	29.0	0.867	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFDA	335-76-2	ND	1.60	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
8:2 FTS	39108-34-4	ND	2.21	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
MeFOSAA	2355-31-9	ND	1.77	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
EtFOSAA	2991-50-6	ND	1.47	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFUnA	2058-94-8	ND	1.13	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFDS	335-77-3	ND	1.32	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFDoA	307-55-1	ND	0.851	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
MeFOSA	31506-32-8	ND	4.11	21.5		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFTrDA	72629-94-8	ND	0.531	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFTeDA	376-06-7	ND	0.811	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
EtFOSA	4151-50-2	ND	5.49	21.5		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
PFHxDA	67905-19-5	ND	0.316	4.30		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
MeFOSE	24448-09-7	ND	6.52	21.5		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
EtFOSE	1691-99-2	ND	10.1	21.5		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	93.8	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C3-PFPeA	IS	82.0	60 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C3-PFBS	IS	80.3	60 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-PFHxA	IS	73.5	70 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C4-PFHpA	IS	73.8	60 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C3-PFHxS	IS	72.0	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-6:2 FTS	IS	83.9	40 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C5-PFNA	IS	77.4	50 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C8-PFOSA	IS	52.1	20 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-PFOA	IS	78.5	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C8-PFOS	IS	78.1	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1

Sample ID: GW-MW-21S

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: MW-21S
Matrix: Aqueous
Date Collected: 13-May-20 12:03

Laboratory Data

Lab Sample: 2001078-12
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	69.2	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-8:2 FTS	IS	76.5	40 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
d3-MeFOSAA	IS	67.9	50 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-PFUnA	IS	72.2	60 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
d5-EtFOSAA	IS	69.0	50 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-PFDoA	IS	71.9	30 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
d3-MeFOSA	IS	28.3	10 - 130		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-PFTeDA	IS	56.8	20 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
d5-EtFOSA	IS	28.6	10 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
13C2-PFHxDA	IS	40.3	20 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
d7-MeFOSE	IS	46.6	10 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1
d9-EtFOSE	IS	48.9	10 - 150		B0E0158	24-May-20	0.116 L	27-May-20 19:10	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-6A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-6A
Matrix: Aqueous
Date Collected: 13-May-20 14:35

Laboratory Data

Lab Sample: 2001078-13
Date Received: 15-May-20 10:20
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.70	0.807	4.43	J	B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFPeA	2706-90-3	7.74	1.42	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFBS	375-73-5	2.69	1.98	4.43	J	B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFHxA	307-24-4	15.3	2.41	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFHpA	375-85-9	16.4	0.654	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFHxS	355-46-4	9.04	1.05	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
6:2 FTS	27619-97-2	ND	2.21	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFOA	335-67-1	52.4	0.721	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFHpS	375-92-8	ND	1.04	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFNA	375-95-1	3.65	0.897	4.43	J	B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFOSA	754-91-6	5.85	1.96	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFOS	1763-23-1	11.5	0.893	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFDA	335-76-2	ND	1.65	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
8:2 FTS	39108-34-4	ND	2.28	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
MeFOSAA	2355-31-9	ND	1.83	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
EtFOSAA	2991-50-6	ND	1.52	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFUnA	2058-94-8	ND	1.16	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFDS	335-77-3	ND	1.36	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFDoA	307-55-1	ND	0.877	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
MeFOSA	31506-32-8	ND	4.24	22.1		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFTrDA	72629-94-8	ND	0.547	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFTeDA	376-06-7	ND	0.836	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
EtFOSA	4151-50-2	ND	5.66	22.1		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
PFHxDA	67905-19-5	ND	0.326	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
MeFOSE	24448-09-7	ND	6.72	22.1		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
EtFOSE	1691-99-2	ND	10.5	22.1		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	124	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C3-PFPeA	IS	80.5	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C3-PFBS	IS	76.5	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-PFHxA	IS	72.6	70 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C4-PFHpA	IS	75.7	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C3-PFHxS	IS	73.0	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-6:2 FTS	IS	77.9	40 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C5-PFNA	IS	81.1	50 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C8-PFOSA	IS	52.3	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-PFOA	IS	78.2	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C8-PFOS	IS	78.7	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1

Sample ID: GW-FPC-6A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-6A

Matrix: Aqueous
Date Collected: 13-May-20 14:35

Laboratory Data

Lab Sample: 2001078-13
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	74.9	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-8:2 FTS	IS	76.1	40 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
d3-MeFOSAA	IS	78.9	50 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-PFUnA	IS	72.3	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
d5-EtFOSAA	IS	77.3	50 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-PFDoA	IS	69.8	30 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
d3-MeFOSA	IS	27.1	10 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-PFTeDA	IS	65.3	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
d5-EtFOSA	IS	28.7	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
13C2-PFHxDA	IS	41.0	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
d7-MeFOSE	IS	50.9	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1
d9-EtFOSE	IS	50.6	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:20	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-6B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-6B
Matrix: Aqueous
Date Collected: 13-May-20 13:25

Laboratory Data

Lab Sample: 2001078-14
Date Received: 15-May-20 10:20
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	0.964	0.812	4.45	J	B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFPeA	2706-90-3	3.47	1.43	4.45	J	B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFBS	375-73-5	ND	1.99	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFHxA	307-24-4	5.50	2.43	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFHpA	375-85-9	6.04	0.658	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFHxS	355-46-4	3.84	1.05	4.45	J	B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
6:2 FTS	27619-97-2	ND	2.23	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFOA	335-67-1	20.8	0.725	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFHpS	375-92-8	ND	1.04	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFNA	375-95-1	ND	0.902	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFOSA	754-91-6	6.99	1.97	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFOS	1763-23-1	2.67	0.898	4.45	J	B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFDA	335-76-2	ND	1.66	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
8:2 FTS	39108-34-4	ND	2.29	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
MeFOSAA	2355-31-9	ND	1.84	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
EtFOSAA	2991-50-6	ND	1.53	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFUnA	2058-94-8	ND	1.17	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFDS	335-77-3	ND	1.37	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFDoA	307-55-1	ND	0.882	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
MeFOSA	31506-32-8	ND	4.26	22.3		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFTrDA	72629-94-8	ND	0.550	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFTeDA	376-06-7	ND	0.841	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
EtFOSA	4151-50-2	ND	5.69	22.3		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
PFHxDA	67905-19-5	ND	0.327	4.45		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
MeFOSE	24448-09-7	ND	6.76	22.3		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
EtFOSE	1691-99-2	ND	10.5	22.3		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	132	60 - 130	H	B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C3-PFPeA	IS	84.6	60 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C3-PFBS	IS	85.9	60 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-PFHxA	IS	77.0	70 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C4-PFHpA	IS	81.0	60 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C3-PFHxS	IS	78.3	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-6:2 FTS	IS	84.2	40 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C5-PFNA	IS	82.1	50 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C8-PFOSA	IS	52.1	20 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-PFOA	IS	83.1	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C8-PFOS	IS	84.5	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1

Sample ID: GW-FPC-6B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-6B
Matrix: Aqueous
Date Collected: 13-May-20 13:25

Laboratory Data

Lab Sample: 2001078-14
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	76.6	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-8:2 FTS	IS	79.8	40 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
d3-MeFOSAA	IS	79.6	50 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-PFUnA	IS	73.5	60 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
d5-EtFOSAA	IS	77.1	50 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-PFDoA	IS	78.6	30 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
d3-MeFOSA	IS	26.8	10 - 130		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-PFTeDA	IS	69.5	20 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
d5-EtFOSA	IS	28.1	10 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
13C2-PFHxDA	IS	44.7	20 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
d7-MeFOSE	IS	51.5	10 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1
d9-EtFOSE	IS	50.1	10 - 150		B0E0158	24-May-20	0.112 L	27-May-20 19:31	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-11A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-11A

Matrix: Aqueous
Date Collected: 14-May-20 09:55

Laboratory Data

Lab Sample: 2001078-15
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.93	0.808	4.43	J	B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFPeA	2706-90-3	5.88	1.42	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFBS	375-73-5	ND	1.98	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFHxA	307-24-4	8.83	2.42	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFHpA	375-85-9	ND	0.655	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFHxS	355-46-4	2.87	1.05	4.43	J	B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
6:2 FTS	27619-97-2	ND	2.22	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFOA	335-67-1	18.1	0.722	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFHpS	375-92-8	ND	1.04	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFNA	375-95-1	ND	0.898	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFOSA	754-91-6	17.7	1.96	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFOS	1763-23-1	2.53	0.895	4.43	J	B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFDA	335-76-2	ND	1.65	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
8:2 FTS	39108-34-4	ND	2.28	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
MeFOSAA	2355-31-9	ND	1.83	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
EtFOSAA	2991-50-6	ND	1.52	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFUnA	2058-94-8	ND	1.16	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFDS	335-77-3	ND	1.36	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFDoA	307-55-1	ND	0.878	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
MeFOSA	31506-32-8	ND	4.25	22.2		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFTrDA	72629-94-8	ND	0.548	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFTeDA	376-06-7	ND	0.837	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
EtFOSA	4151-50-2	ND	5.67	22.2		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
PFHxDA	67905-19-5	ND	0.326	4.43		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
MeFOSE	24448-09-7	ND	6.73	22.2		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
EtFOSE	1691-99-2	ND	10.5	22.2		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	123	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C3-PFPeA	IS	82.3	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C3-PFBS	IS	79.0	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-PFHxA	IS	72.0	70 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C4-PFHpA	IS	75.5	60 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C3-PFHxS	IS	75.9	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-6:2 FTS	IS	85.0	40 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C5-PFNA	IS	84.6	50 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C8-PFOSA	IS	46.8	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-PFOA	IS	79.9	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C8-PFOS	IS	81.3	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1

Sample ID: GW-FPC-11A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-11A
Matrix: Aqueous
Date Collected: 14-May-20 09:55

Laboratory Data

Lab Sample: 2001078-15
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	73.6	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-8:2 FTS	IS	70.4	40 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
d3-MeFOSAA	IS	78.6	50 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-PFUnA	IS	71.9	60 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
d5-EtFOSAA	IS	71.4	50 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-PFDoA	IS	74.3	30 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
d3-MeFOSA	IS	20.9	10 - 130		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-PFTeDA	IS	67.1	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
d5-EtFOSA	IS	21.7	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
13C2-PFHxDA	IS	54.5	20 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
d7-MeFOSE	IS	44.0	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1
d9-EtFOSE	IS	47.8	10 - 150		B0E0158	24-May-20	0.113 L	27-May-20 19:41	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-11B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-11B
Matrix: Aqueous
Date Collected: 14-May-20 11:05

Laboratory Data

Lab Sample: 2001078-16
Date Received: 15-May-20 10:20
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.820	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFPeA	2706-90-3	ND	1.44	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFBS	375-73-5	ND	2.01	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFHxA	307-24-4	ND	2.45	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFHpA	375-85-9	ND	0.664	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFHxS	355-46-4	ND	1.06	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
6:2 FTS	27619-97-2	ND	2.25	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFOA	335-67-1	2.59	0.732	4.50	J	B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFHpS	375-92-8	ND	1.05	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFNA	375-95-1	ND	0.911	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFOSA	754-91-6	ND	1.99	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFOS	1763-23-1	ND	0.907	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFDA	335-76-2	ND	1.68	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
8:2 FTS	39108-34-4	ND	2.32	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
MeFOSAA	2355-31-9	ND	1.85	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
EtFOSAA	2991-50-6	ND	1.54	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFUnA	2058-94-8	ND	1.18	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFDS	335-77-3	ND	1.38	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFDoA	307-55-1	ND	0.890	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
MeFOSA	31506-32-8	ND	4.31	22.5		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFTrDA	72629-94-8	ND	0.555	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFTeDA	376-06-7	ND	0.849	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
EtFOSA	4151-50-2	ND	5.74	22.5		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
PFHxDA	67905-19-5	ND	0.331	4.50		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
MeFOSE	24448-09-7	ND	6.82	22.5		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
EtFOSE	1691-99-2	ND	10.6	22.5		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	112	60 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C3-PFPeA	IS	84.2	60 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C3-PFBS	IS	82.3	60 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-PFHxA	IS	77.2	70 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C4-PFHpA	IS	74.5	60 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C3-PFHxS	IS	73.1	60 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-6:2 FTS	IS	82.5	40 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C5-PFNA	IS	83.3	50 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C8-PFOSA	IS	47.7	20 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-PFOA	IS	80.9	60 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C8-PFOS	IS	73.7	60 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1

Sample ID: GW-FPC-11B

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-11B
Matrix: Aqueous
Date Collected: 14-May-20 11:05

Laboratory Data

Lab Sample: 2001078-16
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	70.3	60 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-8:2 FTS	IS	77.2	40 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
d3-MeFOSAA	IS	59.0	50 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-PFUnA	IS	67.9	60 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
d5-EtFOSAA	IS	64.6	50 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-PFDoA	IS	65.8	30 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
d3-MeFOSA	IS	28.5	10 - 130		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-PFTeDA	IS	59.2	20 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
d5-EtFOSA	IS	29.3	10 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
13C2-PFHxDA	IS	45.3	20 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
d7-MeFOSE	IS	47.2	10 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1
d9-EtFOSE	IS	48.3	10 - 150		B0E0158	24-May-20	0.111 L	27-May-20 20:13	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-GZ-109

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-109
Matrix: Aqueous
Date Collected: 14-May-20 12:20

Laboratory Data

Lab Sample: 2001078-17
Date Received: 15-May-20 10:20
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.801	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFPeA	2706-90-3	ND	1.41	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFBS	375-73-5	ND	1.97	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFHxA	307-24-4	ND	2.39	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFHpA	375-85-9	ND	0.649	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFHxS	355-46-4	ND	1.04	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
6:2 FTS	27619-97-2	ND	2.20	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFOA	335-67-1	ND	0.715	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFHpS	375-92-8	ND	1.03	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFNA	375-95-1	ND	0.890	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFOSA	754-91-6	ND	1.94	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFOS	1763-23-1	ND	0.886	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFDA	335-76-2	ND	1.64	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
8:2 FTS	39108-34-4	ND	2.26	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
MeFOSAA	2355-31-9	ND	1.81	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
EtFOSAA	2991-50-6	ND	1.50	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFUnA	2058-94-8	ND	1.15	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFDS	335-77-3	ND	1.35	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFDoA	307-55-1	ND	0.870	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
MeFOSA	31506-32-8	ND	4.21	22.0		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFTrDA	72629-94-8	ND	0.543	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFTeDA	376-06-7	ND	0.829	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
EtFOSA	4151-50-2	ND	5.61	22.0		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
PFHxDA	67905-19-5	ND	0.323	4.39		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
MeFOSE	24448-09-7	ND	6.67	22.0		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
EtFOSE	1691-99-2	ND	10.4	22.0		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	121	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C3-PFPeA	IS	89.1	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C3-PFBS	IS	91.2	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-PFHxA	IS	77.4	70 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C4-PFHpA	IS	86.9	60 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C3-PFHxS	IS	79.2	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-6:2 FTS	IS	85.4	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C5-PFNA	IS	84.1	50 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C8-PFOSA	IS	59.9	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-PFOA	IS	82.3	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C8-PFOS	IS	81.6	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1

Sample ID: GW-GZ-109

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-109

Matrix: Aqueous
Date Collected: 14-May-20 12:20

Laboratory Data

Lab Sample: 2001078-17
Date Received: 15-May-20 10:20

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	76.4	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-8:2 FTS	IS	78.0	40 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
d3-MeFOSAA	IS	83.5	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-PFUnA	IS	80.7	60 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
d5-EtFOSAA	IS	76.4	50 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-PFDoA	IS	78.9	30 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
d3-MeFOSA	IS	22.2	10 - 130		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-PFTeDA	IS	66.5	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
d5-EtFOSA	IS	17.3	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
13C2-PFHxDA	IS	47.2	20 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
d7-MeFOSE	IS	39.9	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1
d9-EtFOSE	IS	43.3	10 - 150		B0E0158	24-May-20	0.114 L	27-May-20 20:24	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-GZ-117

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-117

Matrix: Aqueous
Date Collected: 14-May-20 13:08

Laboratory Data

Lab Sample: 2001078-18
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.68	0.757	4.16	J	B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFPeA	2706-90-3	1.96	1.33	4.16	J	B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFBS	375-73-5	ND	1.86	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFHxA	307-24-4	ND	2.27	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFHpA	375-85-9	0.925	0.614	4.16	J	B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFHxS	355-46-4	ND	0.984	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
6:2 FTS	27619-97-2	ND	2.08	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFOA	335-67-1	5.06	0.676	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFHpS	375-92-8	ND	0.974	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFNA	375-95-1	ND	0.842	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFOSA	754-91-6	ND	1.84	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFOS	1763-23-1	11.4	0.839	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFDA	335-76-2	ND	1.55	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
8:2 FTS	39108-34-4	ND	2.14	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
MeFOSAA	2355-31-9	ND	1.71	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
EtFOSAA	2991-50-6	ND	1.42	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFUnA	2058-94-8	ND	1.09	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFDS	335-77-3	ND	1.28	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFDoA	307-55-1	ND	0.823	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
MeFOSA	31506-32-8	ND	3.98	20.8		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFTrDA	72629-94-8	ND	0.513	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFTeDA	376-06-7	ND	0.784	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
EtFOSA	4151-50-2	ND	5.31	20.8		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
PFHxDA	67905-19-5	ND	0.305	4.16		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
MeFOSE	24448-09-7	ND	6.31	20.8		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
EtFOSE	1691-99-2	ND	9.81	20.8		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	126	60 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C3-PFPeA	IS	82.2	60 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C3-PFBS	IS	81.0	60 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-PFHxA	IS	72.7	70 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C4-PFHpA	IS	79.7	60 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C3-PFHxS	IS	75.6	60 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-6:2 FTS	IS	80.4	40 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C5-PFNA	IS	80.9	50 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C8-PFOSA	IS	46.9	20 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-PFOA	IS	80.4	60 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C8-PFOS	IS	75.7	60 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1

Sample ID: GW-GZ-117

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: GZ-117
Matrix: Aqueous
Date Collected: 14-May-20 13:08

Laboratory Data

Lab Sample: 2001078-18
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	70.4	60 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-8:2 FTS	IS	82.3	40 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
d3-MeFOSAA	IS	71.5	50 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-PFUnA	IS	70.5	60 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
d5-EtFOSAA	IS	76.0	50 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-PFDoA	IS	72.3	30 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
d3-MeFOSA	IS	14.1	10 - 130		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-PFTeDA	IS	65.3	20 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
d5-EtFOSA	IS	12.3	10 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
13C2-PFHxDA	IS	56.5	20 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
d7-MeFOSE	IS	39.4	10 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1
d9-EtFOSE	IS	39.1	10 - 150		B0E0158	24-May-20	0.120 L	27-May-20 20:34	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW-FPC-9A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-9A

Matrix: Aqueous
Date Collected: 14-May-20 14:58

Laboratory Data

Lab Sample: 2001078-19
Date Received: 15-May-20 10:20

Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	6.00	0.777	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFPeA	2706-90-3	9.65	1.36	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFBS	375-73-5	4.57	1.91	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFHxA	307-24-4	25.6	2.32	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFHpA	375-85-9	20.0	0.630	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFHxS	355-46-4	14.3	1.01	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
6:2 FTS	27619-97-2	ND	2.13	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFOA	335-67-1	67.8	0.694	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFHpS	375-92-8	ND	0.999	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFNA	375-95-1	ND	0.863	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFOSA	754-91-6	9.94	1.89	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFOS	1763-23-1	15.4	0.860	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFDA	335-76-2	ND	1.59	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
8:2 FTS	39108-34-4	ND	2.20	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
MeFOSAA	2355-31-9	ND	1.76	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
EtFOSAA	2991-50-6	ND	1.46	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFUnA	2058-94-8	ND	1.12	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFDS	335-77-3	ND	1.31	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFDoA	307-55-1	ND	0.844	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
MeFOSA	31506-32-8	ND	4.08	21.3		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFTrDA	72629-94-8	ND	0.527	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFTeDA	376-06-7	ND	0.805	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
EtFOSA	4151-50-2	ND	5.45	21.3		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
PFHxDA	67905-19-5	ND	0.313	4.26		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
MeFOSE	24448-09-7	ND	6.47	21.3		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
EtFOSE	1691-99-2	ND	10.1	21.3		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	107	60 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C3-PFPeA	IS	82.3	60 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C3-PFBS	IS	79.9	60 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-PFHxA	IS	77.2	70 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C4-PFHpA	IS	84.6	60 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C3-PFHxS	IS	78.0	60 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-6:2 FTS	IS	90.7	40 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C5-PFNA	IS	82.2	50 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C8-PFOSA	IS	52.2	20 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-PFOA	IS	80.8	60 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C8-PFOS	IS	81.8	60 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1

Sample ID: GW-FPC-9A

PFAS Isotope Dilution Method

Client Data

Name: CES Inc.
Project: Coakley Landfill
Location: FPC-9A
Matrix: Aqueous
Date Collected: 14-May-20 14:58

Laboratory Data

Lab Sample: 2001078-19
Date Received: 15-May-20 10:20
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	73.9	60 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-8:2 FTS	IS	74.2	40 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
d3-MeFOSAA	IS	78.3	50 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-PFUnA	IS	74.3	60 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
d5-EtFOSAA	IS	77.6	50 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-PFDoA	IS	77.7	30 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
d3-MeFOSA	IS	29.3	10 - 130		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-PFTeDA	IS	67.9	20 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
d5-EtFOSA	IS	29.1	10 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
13C2-PFHxDA	IS	53.1	20 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
d7-MeFOSE	IS	44.8	10 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1
d9-EtFOSE	IS	50.6	10 - 150		B0E0158	24-May-20	0.117 L	27-May-20 20:45	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001078 Temp: 1.3 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley Landfill PO#: Sampler: (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Keith Williams	5-14-20	1730	FedEx		
FedEx	05/15/2020	10:20	Hayden Ganas	05/15/2020	10:20

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN:

Method of Shipment: fedex
Tracking No.: 814591040170

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Container(s) Type	Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	PFAS by Isotope Dilution: UCMR3 PFAS List:6	PFAS by Isotope Dilution: 537.1 List: 14 or 18 (Circle One)	PFAS by Isotope Dilution: EPA Draft List of 24	OTHER: List of Analyte Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	EPA Method 537 (DW only): UCMR3 PFAS List:6	EPA Method 537 (DW only): 537.1 List of 14	EPA Method 537 (DW only): 537.1 List of 18	Comments
FB-DI WATER	5-12-20	0750	field blank								X					
GW-EB-Metal Filter	5-12-20	0813	filter blank								X					
~~GW-EB-Filter Syringe~~		0827	~~SG blank~~								X					WH
GW-FPC-4B	5-12-20	1007	FPC-4B								X					
GW-MW-225	5-12-20	1113	MW-225								X					
GW-MW-2202	5-12-20	1217	MW-2202								X					
GW-MW-2201	5-12-20	1323	MW-2201								X					
GW-AE-4A	5-12-20	1425	AE-4A								X					
GW-AE-4B	5-12-20	1517	AE-4B								X					
GW-OP-2	5-14-20	1608	OP-2								X					

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Beckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 2077957000 sperino@cesincusa.com
Email: cbeckman@cesincusa.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

CHAIN OF CUSTODY

For Laboratory Use Only
Work Order #: 2001078 Temp: 1.3 °C
Storage ID: R-13, WR-2 Storage Secured: Yes ☑ No ☐

Project ID: Coakley Landfill PO#: Sampler: (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Keith McCants	5-14-20	1736	FedEx		
FedEx	05/15/2020	10:20	Hayden Canol	05/15/2020	10:20

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN:

Method of Shipment: fedex
Tracking No.: 814591046170

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s): Quantity	Type	Matrix	PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: List of Ale Please attach analyte list	PFAS by Isotope Dilution: PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List of 14	537.1 List of 18	EPA Method 537 (DW only)	Comments
GW-MW-21D1	5-13-20	1103	MW21D1								X						
GW-MW-21D2	5-13-20	0955	MW 21D2								X						
GW-MW-21S	5-13-20	1203	MW-21S								X						
GW-FPC-6A	5-13-20	1435	FPC-6A								X						
GW-FPC-6B	5-13-20	1325	FPC-6B								X						
GW-FPC-11A	5-14-20	0955	FPC11A								X						
GW-FPC-11B	5-14-20	1105	FPC-11B								X						
GW-GZ-109	5-14-20	1220	GZ-109								X						
GW-GZ-117	5-14-20	1308	GZ-117								X						
GW-FPC-9A	5/14/20	1458	FPC-9A								X						

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:

Name: Chris Beckman
Company: CES
Address: 415 Lisbon St #200
City: Lewiston ME 04240
Phone: 2077945009 Email: cbeckman@cesincusa.com sperina@cesincusa.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001078 TAT std

Samples Arrival:	Date/Time: 05/15/2020 10:20	Initials: HDG	Location: WR-2 Shelf/Rack: NA

Delivered By:	FedEx	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	Ice		Blue Ice		Dry Ice		None

Temp °C: 1.3 (uncorrected)	Probe used: Y / N	Thermometer ID: IR-4
Temp °C: 1.3 (corrected)		

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Airbill — Trk # 8145 9104 0170	✓		
Shipping Documentation Present?	✓		
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		
COC Anomaly/Sample Acceptance Form completed?	✓		

Shipping Container	Vista	Client	Retain	Return	Dispose

Logged In:	Date/Time: 05/19/20 0903	Initials: WWS	Location: R-13 ↓ A-1, WR-2 ↓ G-4 Shelf/Rack:

Comments:

CoC/Label Reconciliation Report WO# 2001078

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2001078-01	A FB-DI WATER	☑	Field Blank	12-May-20 07:50	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-01	B FB-DI WATER	☑	Field Blank	12-May-20 07:50	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-02	A GW-EB-Metal filter	☑	Filter-blank	12-May-20 08:13	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-02	B GW-EB-Metal filter	☑	Filter-blank	12-May-20 08:13	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-03	A GW-FPC-4B	☑	FPC-4B	12-May-20 10:07	☐ (a)	HDPE Bottle, 125 mL	Aqueous	
2001078-03	B GW-FPC-4B	☑	FPC-4B	12-May-20 10:07	☐ (a)	HDPE Bottle, 125 mL	Aqueous	
2001078-04	A GW-MW-22S	☑	MW-22S	12-May-20 11:13	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-04	B GW-MW-22S	☑	MW-22S	12-May-20 11:13	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-05	A GW-MW-22D2	☑	MW-22D2	12-May-20 12:17	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-05	B GW-MW-22D2	☑	MW-22D2	12-May-20 12:17	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-06	A GW-MW-22D1	☑	MW-22D1	12-May-20 13:23	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-06	B GW-MW-22D1	☑	MW-22D1	12-May-20 13:23	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-07	A GW-AE-4A	☑	AE-4A	12-May-20 14:25	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-07	B GW-AE-4A	☑	AE-4A	12-May-20 14:25	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-08	A GW-AE-4B	☑	AE-4B	12-May-20 15:17	☐ (B)	HDPE Bottle, 125 mL	Aqueous	
2001078-08	B GW-AE-4B	☑	AE-4B	12-May-20 15:17	☐ (B)	HDPE Bottle, 125 mL	Aqueous	
2001078-09	A GW-OP-2	☑	OP-2	14-May-20 16:08	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-09	B GW-OP-2	☑	OP-2	14-May-20 16:08	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-10	A GW-MW-21D1	☑	MW21D1	13-May-20 11:03	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-10	B GW-MW-21D1	☑	MW21D1	13-May-20 11:03	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-11	A GW-MW-21D2	☑	MW21D2	13-May-20 09:55	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-11	B GW-MW-21D2	☑	MW21D2	13-May-20 09:55	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-12	A GW-MW-21S	☑	MW-21S	13-May-20 12:03	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-12	B GW-MW-21S	☑	MW-21S	13-May-20 12:03	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-13	A GW-FPC-6A	☑	FPC-6A	13-May-20 14:35	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-13	B GW-FPC-6A	☑	FPC-6A	13-May-20 14:35	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-14	A GW-FPC-6B	☑	FPC-6B	13-May-20 13:25	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-14	B GW-FPC-6B	☑	FPC-6B	13-May-20 13:25	☑	HDPE Bottle, 125 mL	Aqueous	
2001078-15	A GW-FPC-11A	☑	FPC-11A	14-May-20 09:55	☑	HDPE Bottle, 125 mL	Aqueous	

2001078-15	B	GW-FPC-11A	☑	FPC-11A	14-May-20 09:55	☑	HDPE Bottle, 125 mL	Aqueous
2001078-16	A	GW-FPC-11B	☑	FPC-11B	14-May-20 11:05	☑	HDPE Bottle, 125 mL	Aqueous
2001078-16	B	GW-FPC-11B	☑	FPC-11B	14-May-20 11:05	☑	HDPE Bottle, 125 mL	Aqueous
2001078-17	A	GW-GZ-109	☑	GZ-109	14-May-20 12:20	☑	HDPE Bottle, 125 mL	Aqueous
2001078-17	B	GW-GZ-109	☑	GZ-109	14-May-20 12:20	☑	HDPE Bottle, 125 mL	Aqueous
2001078-18	A	GW-GZ-117	☑	GZ-117	14-May-20 13:08	☑	HDPE Bottle, 125 mL	Aqueous
2001078-18	B	GW-GZ-117	☑	GZ-117	14-May-20 13:08	☑	HDPE Bottle, 125 mL	Aqueous
2001078-19	A	GW-FPC-9A	☑	FPC-9A	14-May-20 14:58	☑	HDPE Bottle, 125 mL	Aqueous
2001078-19	B	GW-FPC-9A	☑	FPC-9A	14-May-20 14:58	☑	HDPE Bottle, 125 mL	Aqueous

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma None Other		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments: (A) sample label: 05/12/20 1517
(B) sample label: 05/12/20 1007
Received 2-125mL HDPE bottles, sample ID: SW-EB-FILTER SYRINGE collection date/time: 5-12-20 0827. Lined out on COC.

Verifed by/Date: WW8 05/19/20

Vista Analytical Laboratory

ANOMALY FORM

Vista Work Order 2001078

Initial/Date		The following checked issues were noted during sample receipt and login:
_____	☐	**1. The samples were received out of temperature at (WI-PHT):** _____ Was Ice present: Yes No Melted Blue Ice
_____	☐	2. The Chain-of-Custody (CoC) was not relinquished properly.
_____	☐	3. The CoC did not include collection time(s). 00:00 will be used unless notified otherwise.
_____	☐	4. The sample(s) did not include a sample collection time. All or Sample Name: _____
_____	☐	5. A sample ID discrepancy was found. See the Reconciliation report. The CoC Sample ID will be used unless notified otherwise.
MMS 05/19/20	☑	6. A sample date and/or time discrepancy was found. See the Reconciliation report. The CoC Sample date/time will be used unless notified otherwise.
MMS 05/20/20	☑	**7. The CoC did not include a sample matrix. The following sample matrix will be used:** aqueous
_____	☐	**8. Insufficent volume received for analysis. All or Sample Name:** _____
_____	☐	9. The backup bottle was received broken. Sample Name: _____
_____	☐	**10. CoC not received, illegible or destroyed.**
_____	☐	**11. The sample(s) were received out of holding time. All or Sample Name:** _____
_____	☐	**12. The CoC did not include an analysis. All or Sample Name:** _____
_____	☐	**13. Sample(s) received without collection date. All or Sample Name:** _____
_____	☐	**14. Sample(s) not received. All or Sample Name:** _____
_____	☐	**15. Sample(s) received broken. All or Sample Name:** _____
_____	☐	**16. An incorrect container-type was used. All or Sample Name:** _____
_____	☐	17. Other:

Bolded items require sign-off

Client Contacted: Suzanne Yerina

Date of Contact: 05/20/20

Vista Client Manager: Jade White

Resolution:

EXTRACTION INFORMATION

Process Sheet

Workorder: 2001078

Prep Expiration: 2020-05-26
Client: CES Inc.

Workorder Due: 08-Jun-20 00:00

TAT: 24

Method: **537M PFAS**
Matrix: **Aqueous**

Prep Batch: BOE0158

Prep Data Entered: ON 05/26/20
Date and Initials

Version: Coakley List of 26-EIS

Initial Sequence: 060074

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001078-01	A	☑	☑	FB-DI WATER		R-13 A-1	HDPE Bottle, 125 mL
2001078-02		☑	☑	GW-EB-Metal filter		R-13 A-1	HDPE Bottle, 125 mL
2001078-03		☑	☑	GW-FPC-4B		R-13 A-1	HDPE Bottle, 125 mL
2001078-04		☑	☑	GW-MW-22S		R-13 A-1	HDPE Bottle, 125 mL
2001078-05		☑	☑	GW-MW-22D2		R-13 A-1	HDPE Bottle, 125 mL
2001078-06		☑	☑	GW-MW-22D1		R-13 A-1	HDPE Bottle, 125 mL
2001078-07		☑	☑	GW-AE-4A		R-13 A-1	HDPE Bottle, 125 mL
2001078-08		☑	☑	GW-AE-4B		R-13 A-1	HDPE Bottle, 125 mL
2001078-09		☑	☑	GW-OP-2		R-13 A-1	HDPE Bottle, 125 mL
2001078-10		☑	☑	GW-MW-21D1		R-13 A-1	HDPE Bottle, 125 mL
2001078-11		☑	☑	GW-MW-21D2		R-13 A-1	HDPE Bottle, 125 mL
2001078-12		☑	☑	GW-MW-21S		R-13 A-1	HDPE Bottle, 125 mL
2001078-13		☑	☑	GW-FPC-6A		R-13 A-1	HDPE Bottle, 125 mL
2001078-14		☑	☑	GW-FPC-6B		R-13 A-1	HDPE Bottle, 125 mL
2001078-15		☑	☑	GW-FPC-11A		R-13 A-1	HDPE Bottle, 125 mL
2001078-16		☑	☑	GW-FPC-11B		R-13 A-1	HDPE Bottle, 125 mL
2001078-17		☑	☑	GW-GZ-109		R-13 A-1	HDPE Bottle, 125 mL
2001078-18		☑	☑	GW-GZ-117		R-13 A-1	HDPE Bottle, 125 mL
2001078-19		☑	☑	GW-FPC-9A		R-13 A-1	HDPE Bottle, 125 mL

WO Comments: **% Solids 7-Day HT**
Report to MDL

Pre-Prep Check Out: CHT 05/20/20
Pre-Prep Check In: CHT 05/20/20

Prep Check Out: HR 05/24/20
Prep Check In: N/A

Prep Reconciled Initals/Date: CHT 05/20/20
Spike Reconciled Initals/Date: HR 05/24/20
ViaBoxID: Yokai

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0E0158

Chemist: HR

Prep Date: 05/24/20

Prep Time: 0709

Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☑ Centrifuge ID: C3

Rec Date/Initals: ONL 05/26/20 | Date/Initals: CMT 05/20/20 | BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation	RS CHEM/WIT DATE
☑	B0E0158-BLK1	☑	☑	5	0	NA	NA	(0.125)	HR/LW 05/24/20	HR 05/24/20	N/A	N/A
☑	B0E0158-BS1	☑	☑	5	0	↓	↓	(0.125)	↓	↓	↓	↓
☐	2001078-01	☑	☑	5	0	142.80	26.52	0.116228				
☐	2001078-02	☑	☑	4	0	141.03	26.62	0.11441				
☐	2001078-03	☑	☑	5	0	141.25	26.62	0.11463				
☐	2001078-04	☑	☑	5	0	144.48	26.72	0.11776				
☐	2001078-05	☑	☑	12	0	144.38	26.56	0.11782				
☐	2001078-06	☑	☑	6	0	140.81	26.51	0.11430				
☐	2001078-07	☑	☑	5	0	139.78	26.74	0.11304				
☐	2001078-08	☑	☑	5	0	147.49	26.60	0.12089				
☑	2001078-09 (2)(3)	☑	☑	6	0	139.14	26.67	0.11247				
☐	2001078-10	☑	☑	8	0	140.49	26.53	0.11396				
☐	2001078-11	☑	☑	8	0	136.73	26.67	0.11006				
☑	2001078-12 (2)(3)	☑	☑	6	0	142.89	26.50	0.11639				
☐	2001078-13	☑	☑	6	0	139.46	26.56	0.11290				

IS: 20C1903, 10mL, (V7)

IS SUP: 20D2301, 20mL, (V6)

NS: 20C1203, 10mL, (V9)

NS SUP: N/A

RS: N/A

SPE Chem: STRATA-XL-AW, 100um, 200mg/6mL

SPE Lot#: 518-0006803

ENVI-Carb Lot#: N/A

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes: (2) HR 05/24/20
(3) HR 05/24/20

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Matrix: Aqueous

Method: 537M PFAS

PREPARATION BENCH SHEET

B0E0158

Chemist: HR

Prep Date: 05/24/20

Prep Time: 0709

Hood#: 5

Prepared using: ☐ Sonication Shaker ☑ SPE Extraction ☑ Centrifuge ID: C3

Rec Date/Initals: CM 05/26/20 | Date/Initials: CHT 05/20/20 | BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation	RS CHEM/WIT DATE
☐	2001078-14	☑	☑	6	0	138.70	26.42	0.11228	HR 05/24/20	HR 05/24/20	N/A	N/A
☐	2001078-15	☑	☑	6	0	139.30	26.56	0.11274	"	"	"	"
☑	2001078-16 (2)(3)	☑	☑	5	0	137.75	26.56	0.11119	"	"	"	"
☐	2001078-17	☑	☑	5	0	140.60	26.79	0.11381	"	"	"	"
☐	2001078-18	☑	☑	6	0	146.95	26.65	0.12030	"	"	"	"
☑	2001078-19 (2)(3)	☑	☑	6	0	143.95	26.67	0.11728	"	"	"	"

IS: 20C1903, 10mL, (V7)

IS SUP: 20D2301, 20mL, (V6)

NS: 20C1203, 10mL, (V9)

NS SUP: N/A

RS: N/A

SPE Chem: Strata-XL-AW, 100um, 200mg/6mL

SPE Lot#: S18-0006863

ENVI-Carb Lot#: N/A

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes: (2) HR 05/24/20
(3) HR 05/24/20

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Batch: B0E0158

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001078-01	0.11628	NA	NA	1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-02	0.11441			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-03	0.11463			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-04	0.11776			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-05	0.11782			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-06	0.1143			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-07	0.11304			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-08	0.12089			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-09	0.11247			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-10	0.11396			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-11	0.11006			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-12	0.11639			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-13	0.1129			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-14	0.11228			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-15	0.11274			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-16	0.11119			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-17	0.11381			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-18	0.1203			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
2001078-19	0.11728			1000	24-May-20 07:09	HNR			Aqueous	537M PFAS
B0E0158-BLK1	0.125			1000	24-May-20 07:09	HNR				QC
B0E0158-BS1	0.125			1000	24-May-20 07:09	HNR	20C1203	10		QC

All bolded data on report verified against written benchsheet by (initial/date) ON 05/26/20

Printed: 5/26/2020 6:38:55AM
Page 1 of 1

Sample Data – PFAS Isotope Dilution Method

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.22e3	0.125		1.21						
2	4	PFPeA	263.1 > 218.9		6.29e3	0.125		2.16						
3	5	PFBS	299.0 > 80		8.24e2	0.125		2.44						YES
4	7	PFHxA	313.0 > 269.0		7.84e3	0.125		2.97						YES
5	11	PFHpA	363.0 > 319		7.19e3	0.125		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.22e3		0.125	289.289	1.22	1.21	4220	116.6684	116.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.29e3		0.125	588.947	2.15	2.16	6290	85.3851	85.4		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.24e2		0.125	81.912	2.43	2.44	824	80.5231	80.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.84e3		0.125	849.096	3.15	2.97	7840	73.9113	73.9		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.19e3		0.125	724.419	3.58	3.59	7190	79.3785	79.4		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.61e3	0.125		3.73						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.61e3	0.125		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.82e2	0.125		4.04						YES
15	19	PFHpS	449.0 > 80		1.48e3	0.125		4.25						YES
16	21	PFNA	463.0 > 418.8		7.95e3	0.125		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.61e3		0.125	171.580	3.92	3.73	1610	74.8570	74.9		
18	61	13C3-PFHxS-EIS	402 > 80	1.61e3		0.125	171.580	3.92	3.73	1610	74.8570	74.9		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.82e2		0.125	92.769	4.50	4.04	982	84.6840	84.7		
20	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.95e3		0.125	827.265	4.74	4.54	7950	76.9064	76.9		
22	-1													
23	16	L-PFOA	413 > 369		7.71e3	0.125		4.09						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.71e3	0.125		4.60		0.000				
25	23	L-PFOS	499 > 80		1.48e3	0.125		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.48e3	0.125		4.60		0.000				
27	22	PFOSA	498 > 78		1.28e3	0.125		4.59						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.71e3		0.125	808.136	4.09	4.09	7710	76.3599	76.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.71e3		0.125	808.136	4.09	4.09	7710	76.3599	76.4		
30	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		
31	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		
32	67	13C8-PFOSA-EIS	506 > 78	1.28e3		0.125	257.965	4.59	4.59	1280	39.6345	39.6		
33	-1													
34	26	PFDA	513 > 469		9.35e3	0.125		4.93						YES
35	27	8:2 FTS	527.1 > 507		7.70e2	0.125		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.19e3	0.125		5.08						YES

OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.19e3	0.125		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.26e3	0.125		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.35e3		0.125	1081.744	4.93	4.93	9350	69.1647	69.2		
40	75	13C2-8:2 FTS-EIS	529 > 80	7.70e2		0.125	90.113	4.90	4.90	770	68.3209	68.3		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.19e3		0.125	255.309	5.07	5.08	2190	68.7237	68.7		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.19e3		0.125	255.309	5.07	5.08	2190	68.7237	68.7		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.26e3		0.125	985.591	5.01	5.26	8260	67.0595	67.1		
44	-1													
45	31	L-EtFOSAA	584 > 419		1.98e3	0.125		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	1.98e3	0.125		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.48e3	0.125		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.45e3	0.125		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.45e3	0.125		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.98e3		0.125	255.567	5.23	5.24	1980	62.0067	62.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.98e3		0.125	255.567	5.23	5.24	1980	62.0067	62.0		
52	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.45e3		0.125	1022.097	5.54	5.55	8450	66.1532	66.2		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.45e3		0.125	1022.097	5.54	5.55	8450	66.1532	66.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.05e3	0.125		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		1.48e3	0.125		5.58						YES
58	42	N-EtFOSA	526.1 > 168.9		2.02e3	0.125		6.02						YES
59	43	PFHxDA	813 > 769		7.33e3	0.125		6.38						YES
60	45	N-MeFOSE	616.1 > 58.9		3.84e3	0.125		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.05e3		0.125	1007.986	6.01	6.02	7050	55.9322	55.9		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.48e3		0.125	87.979	5.45	5.59	1480	134.1653	11.2		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.02e3		0.125	120.051	6.40	6.04	2020	134.7754	11.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.33e3		0.125	1310.023	6.36	6.38	7330	44.7837	44.8		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.84e3		0.125	100.447	6.25	6.26	3840	305.9216	25.6		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.82e3	0.125		6.41						
68	1...	TDCA	498.3>106.9			0.125		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		
70	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		
71	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		OPV FOR FBR 6/3/2020
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.82e3		0.125	108.100	6.40	6.41	4820	356.5988	29.9		

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.48e3		0.125	167.288	4.76	4.63	1480	70.9921	71.0		

OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Method: P:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

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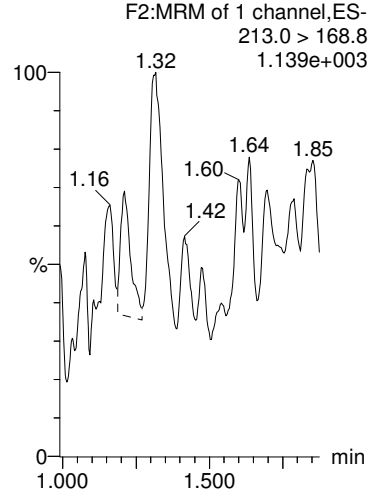

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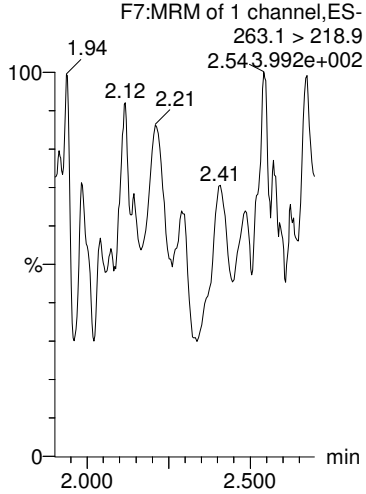

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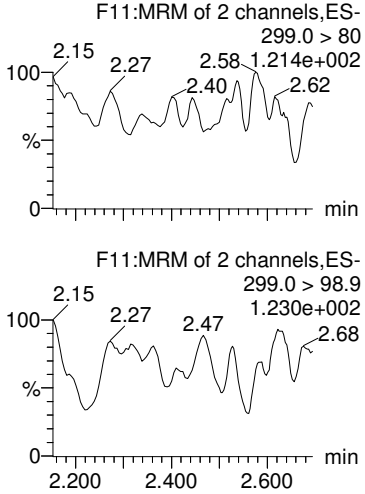

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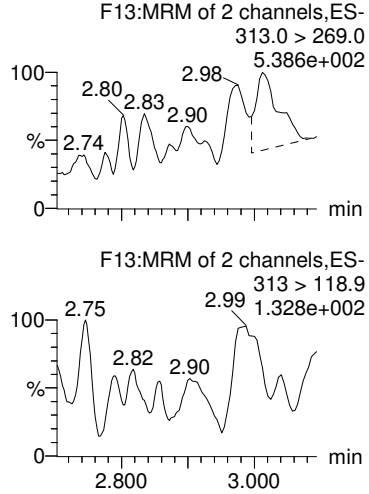

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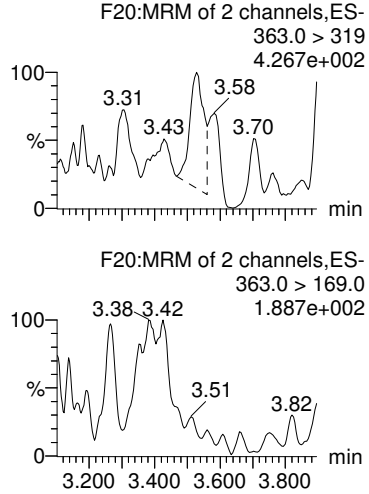

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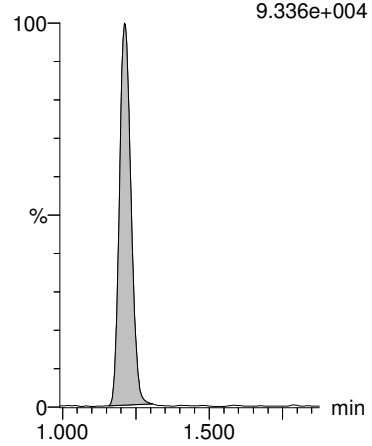

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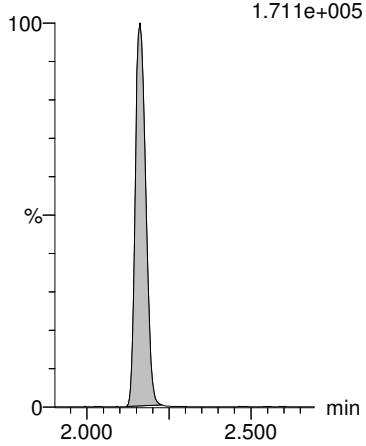

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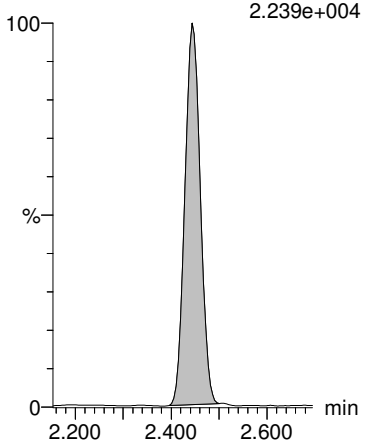

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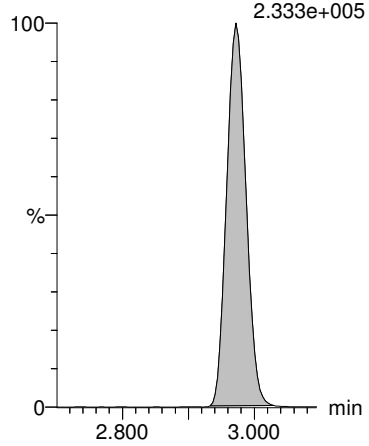

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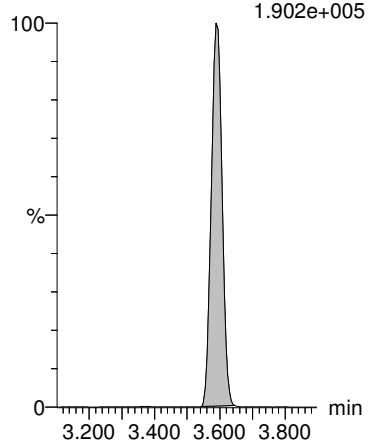

OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
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Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

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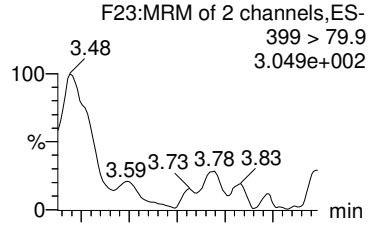

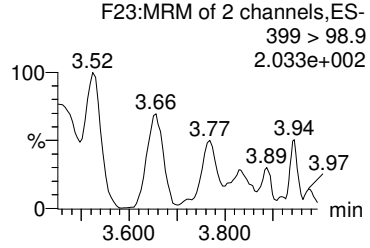

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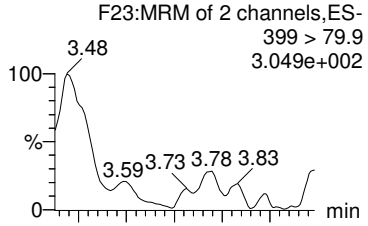
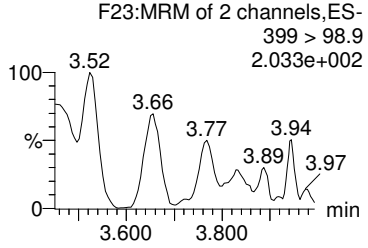
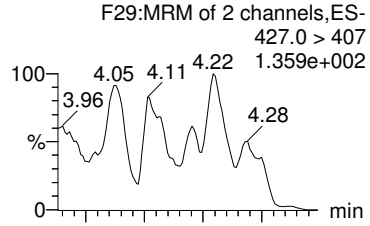
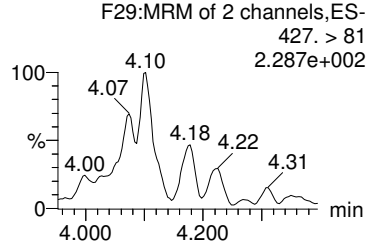




6:2 FTS





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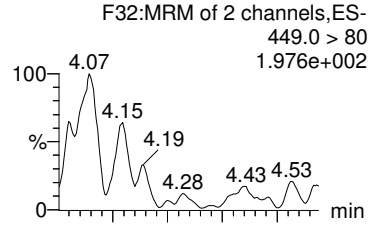

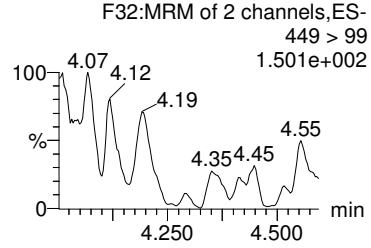

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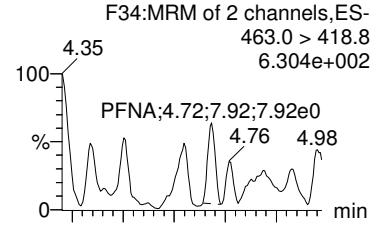

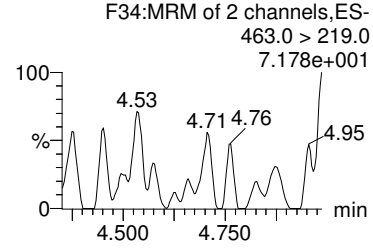

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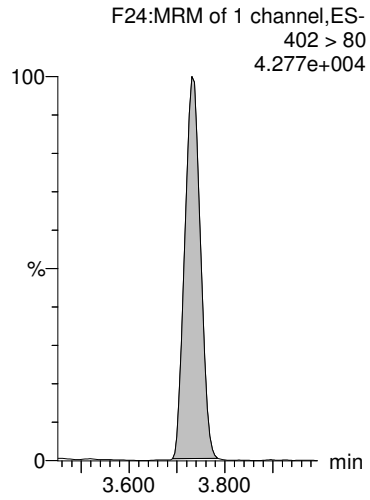

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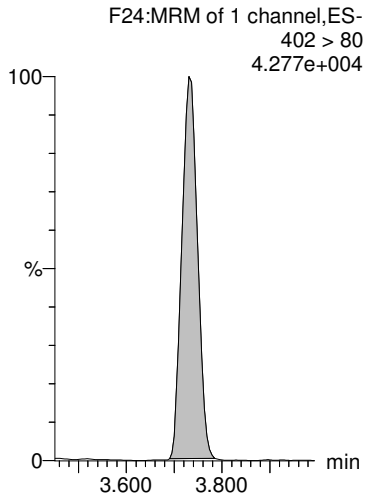

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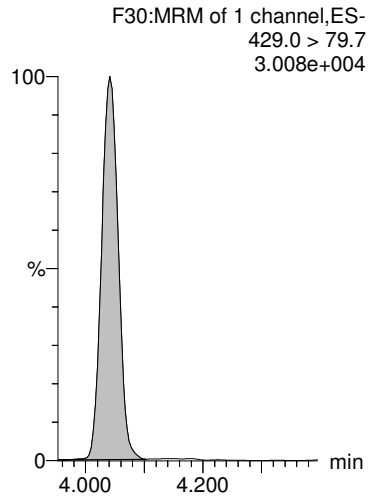

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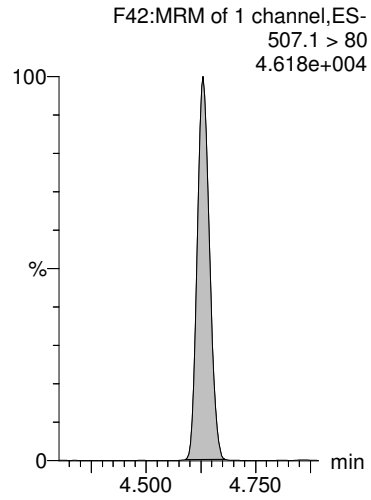

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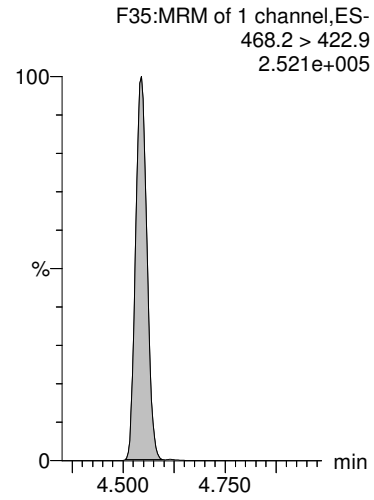


OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

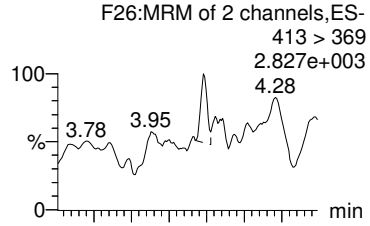
Review: AMR 6/3/2020

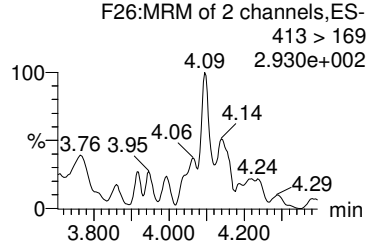
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

L-PFOA





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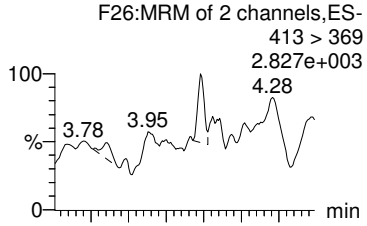

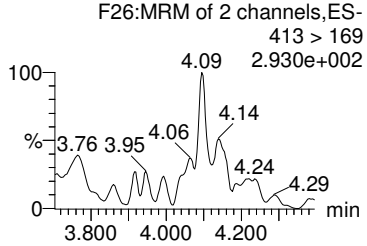

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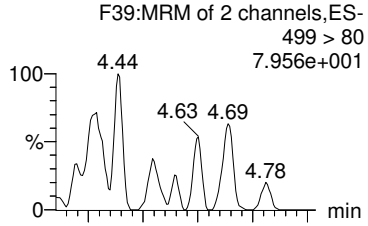

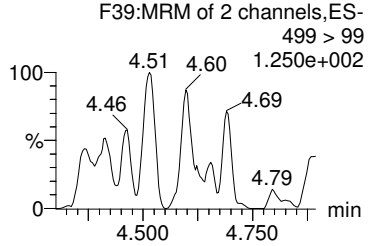

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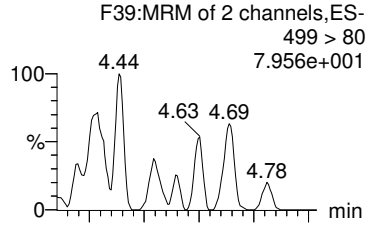

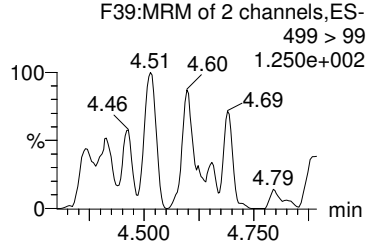

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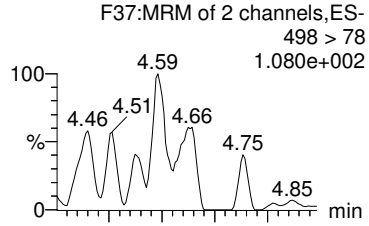

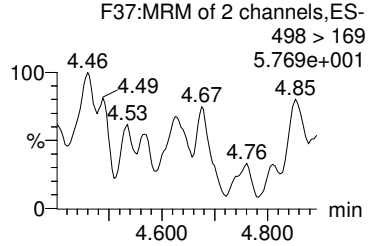

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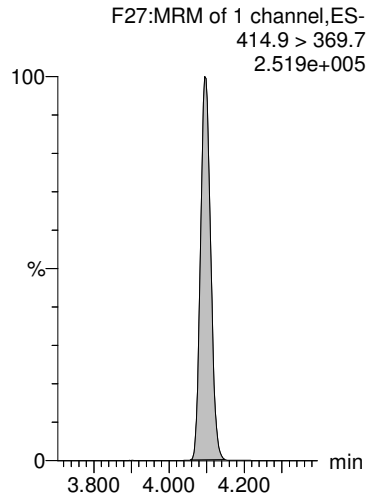

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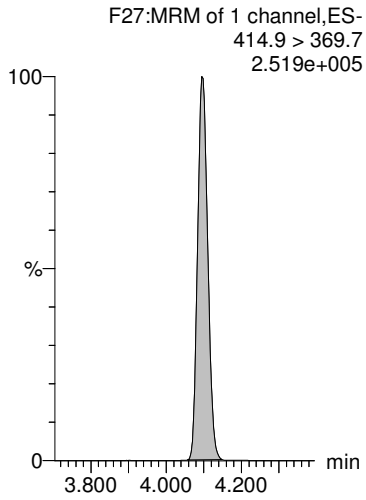

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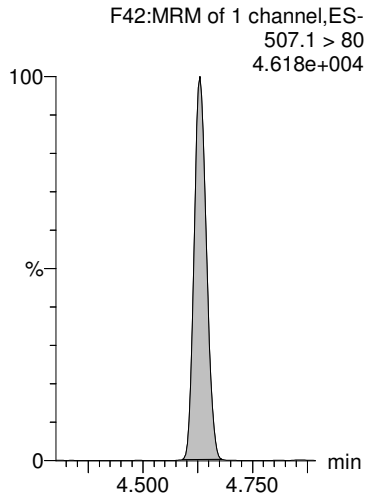

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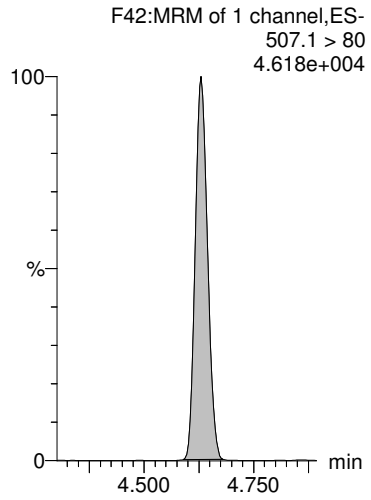

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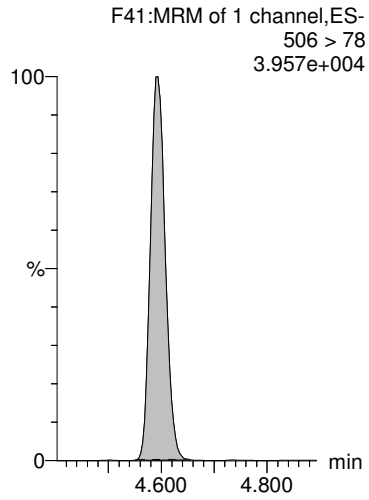

OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
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Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

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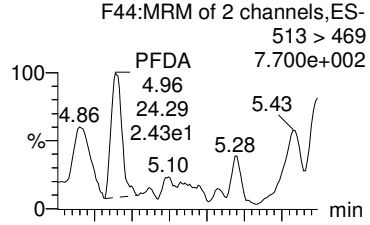
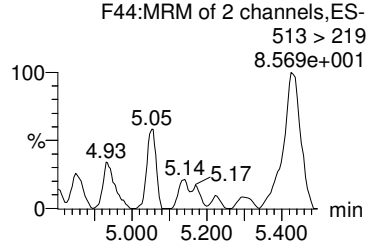
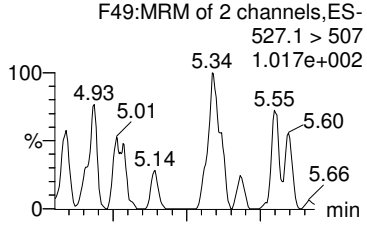
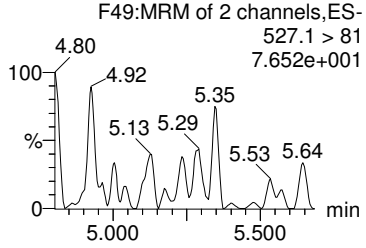


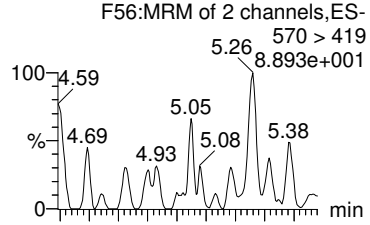


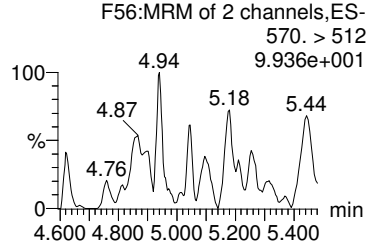
8:2 FTS



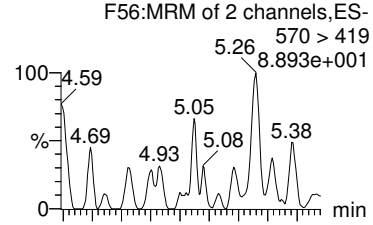


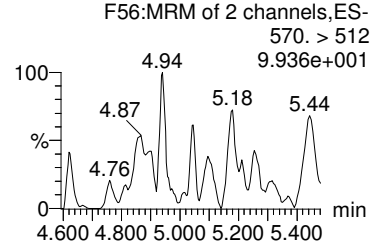
L-MeFOSAA



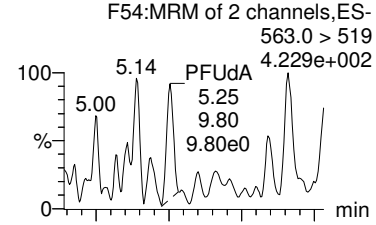


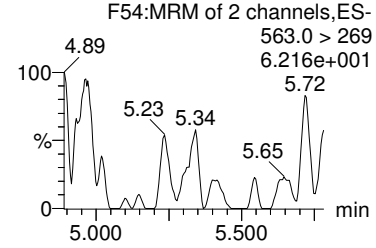
Total N-MeFOSAA



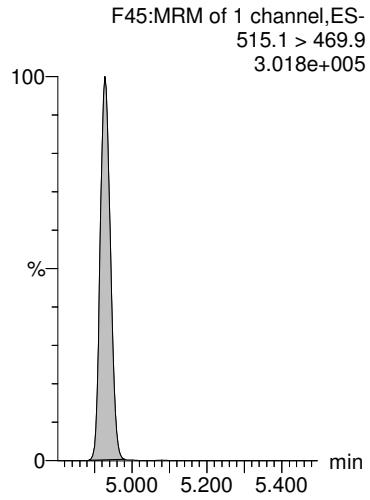


PFUdA

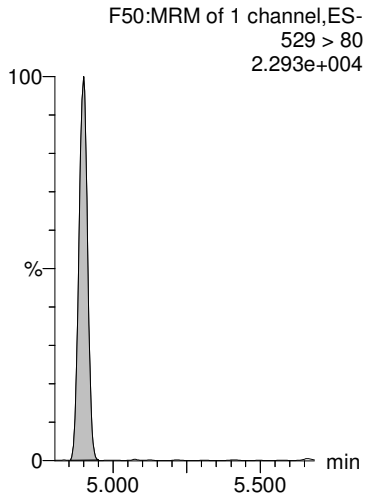




13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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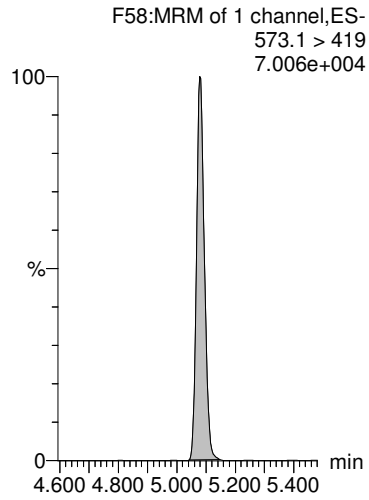

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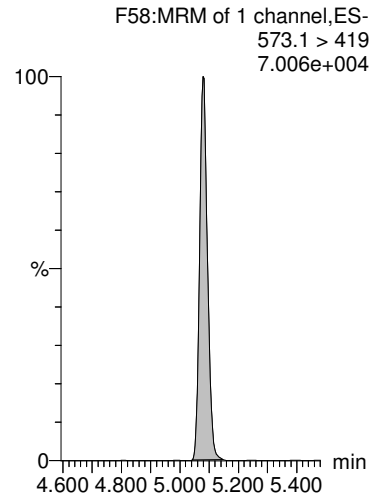

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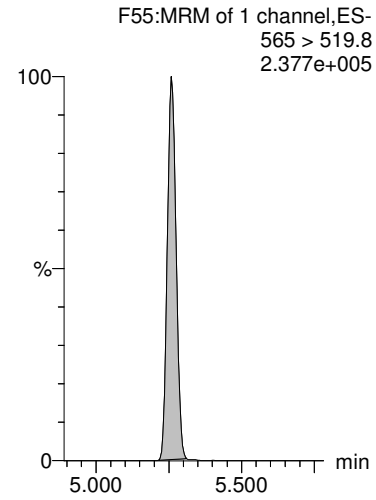

OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

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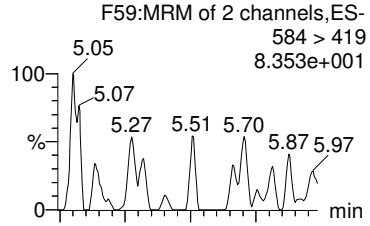
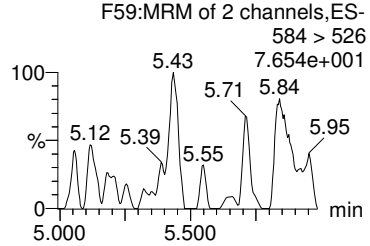
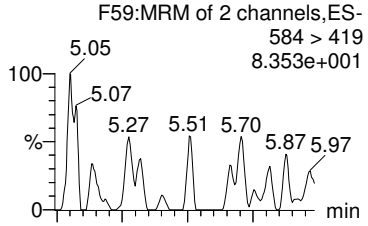
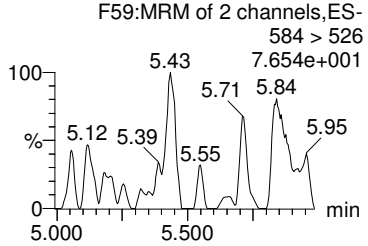


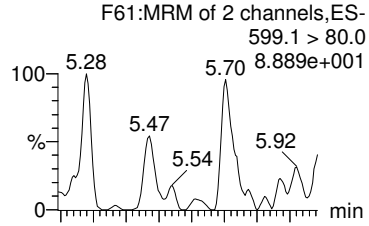


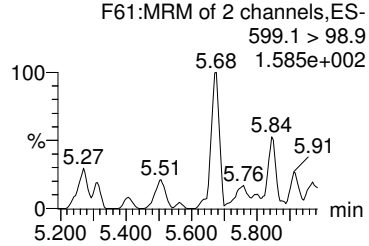
Total N-EtFOSAA



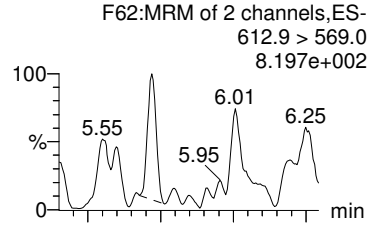


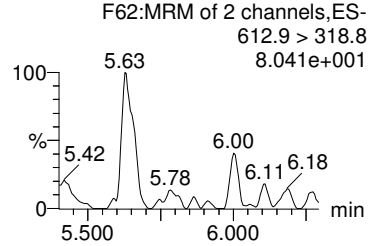
PFDS





PFDoA





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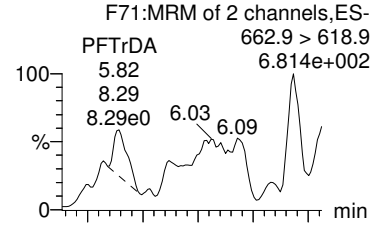
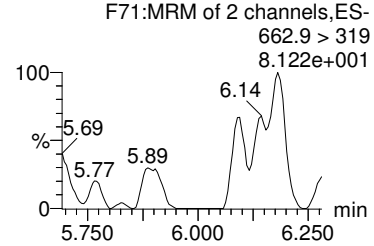
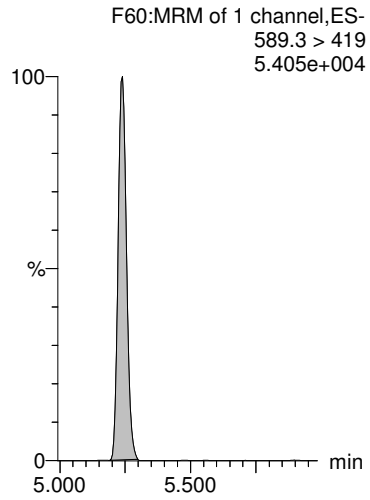




d5-N-EtFOSAA-EIS



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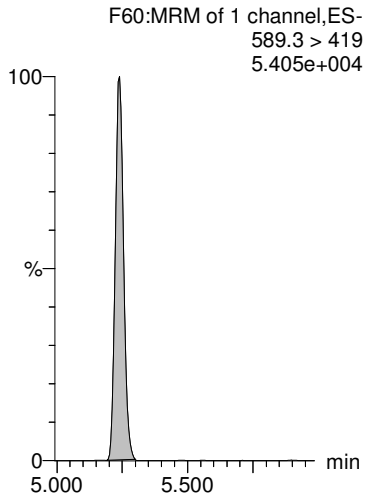
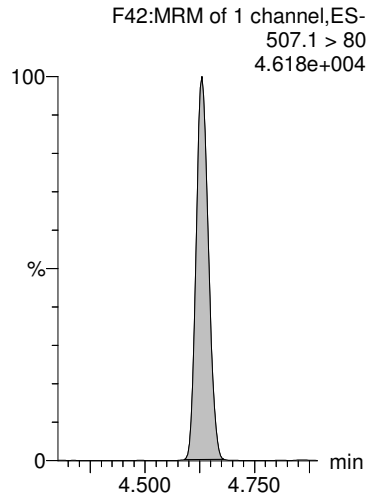
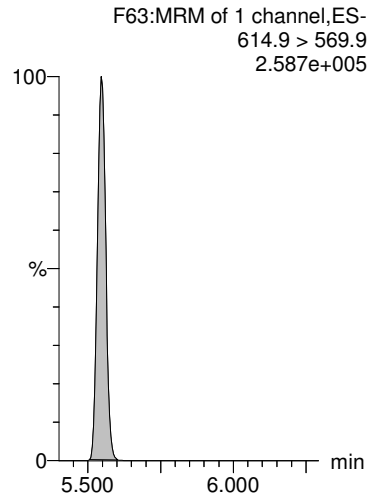


13C8-PFOS-EIS



13C2-PFDoA-EIS



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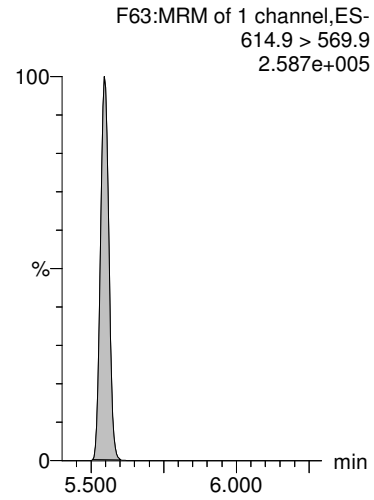

OPV FOR FBR 6/3/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

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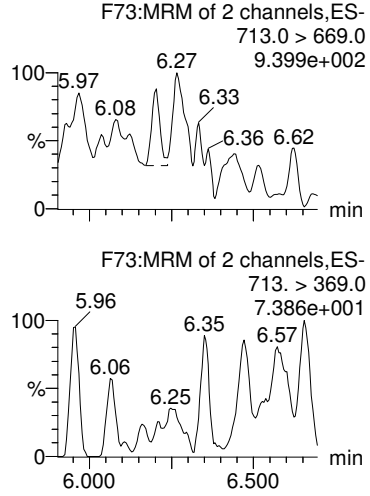
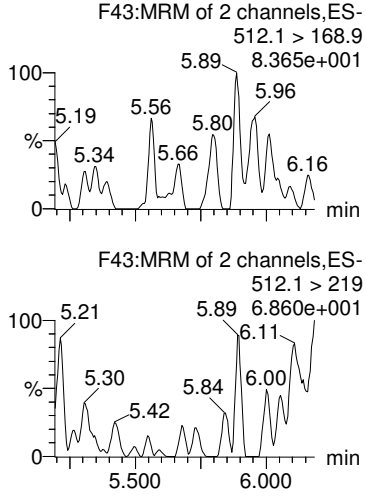


N-MeFOSA



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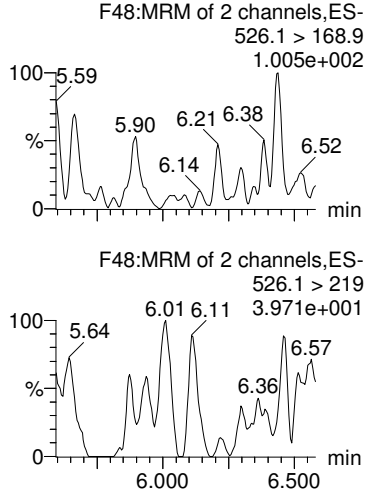
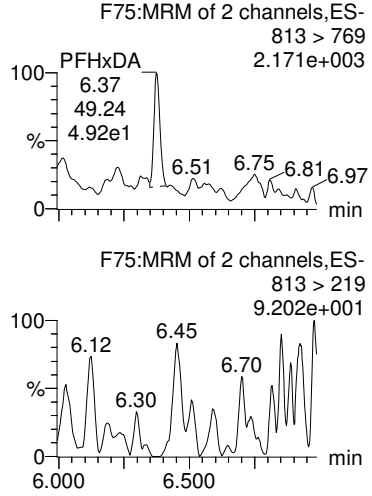
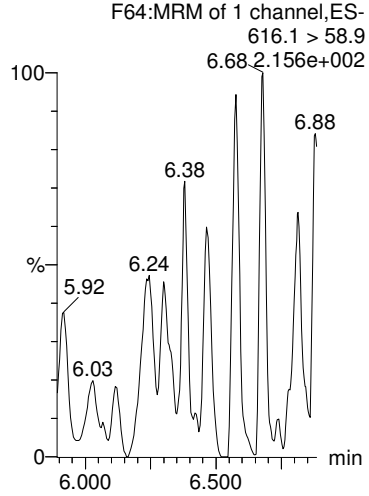


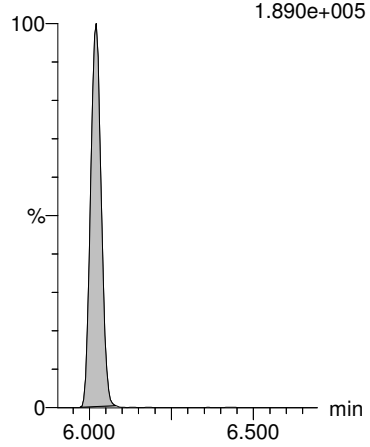
PFHxDA



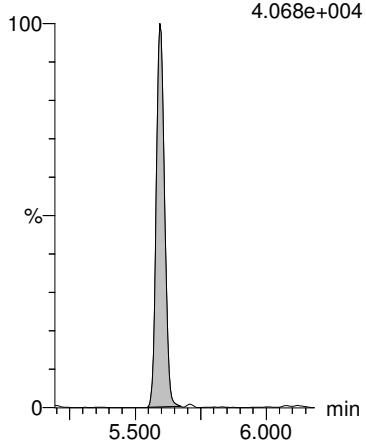
N-MeFOSE



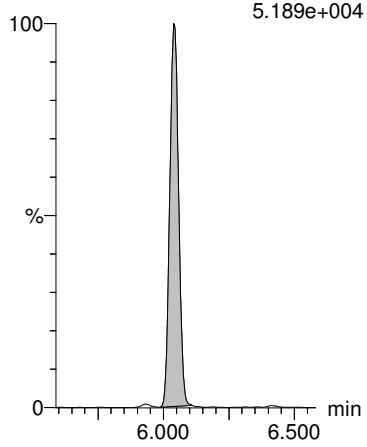
13C2-PFTeDA-EIS



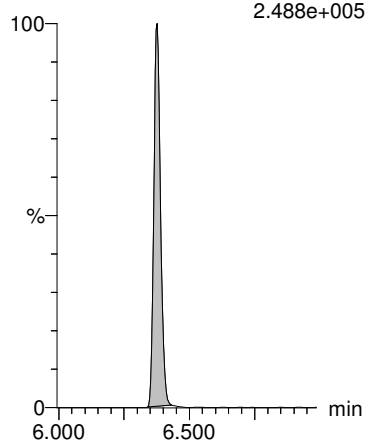
d3-N-MeFOSA-EIS



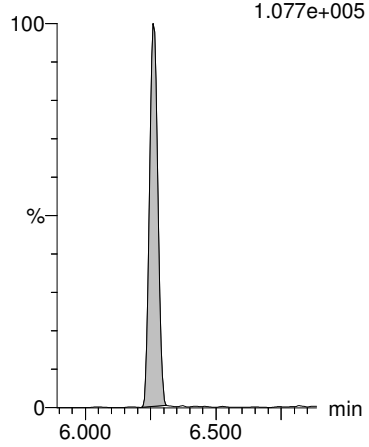
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



OPV FOR FBR 6/3/2020

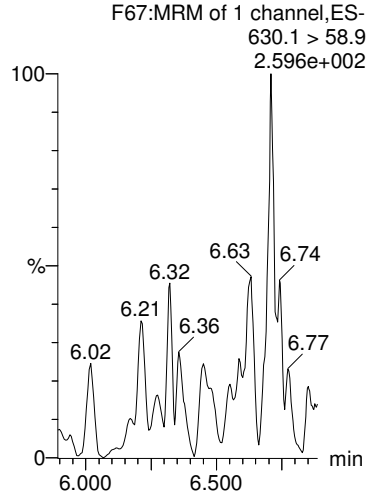
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-26.qld

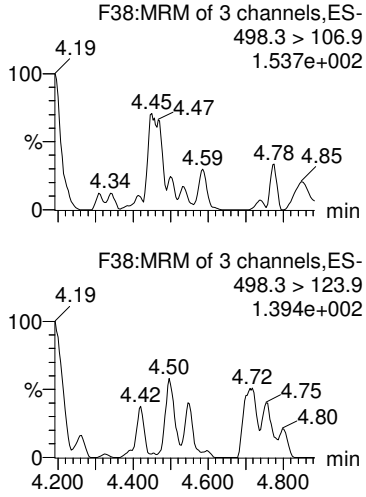
Last Altered: Wednesday, June 03, 2020 08:29:33 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:30:15 Pacific Daylight Time

Name: 200527P1-26, Date: 27-May-2020, Time: 16:32:51, ID: B0E0158-BLK1 Method Blank 0.125, Description: Method Blank

N-EtFOSE



TDCA



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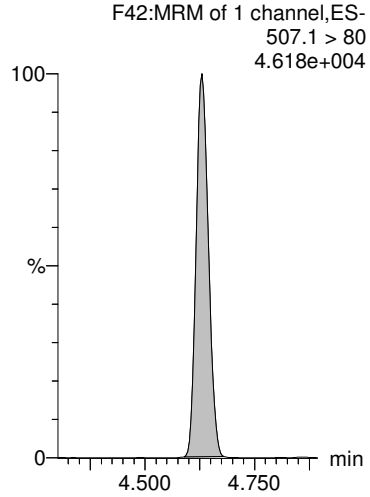
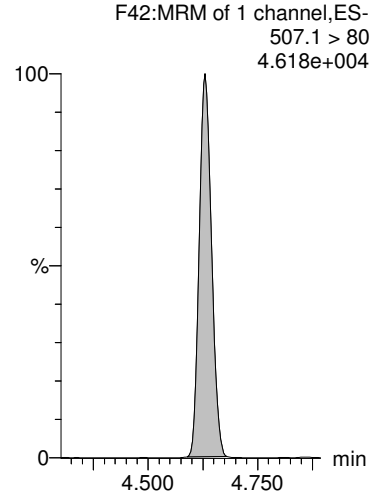
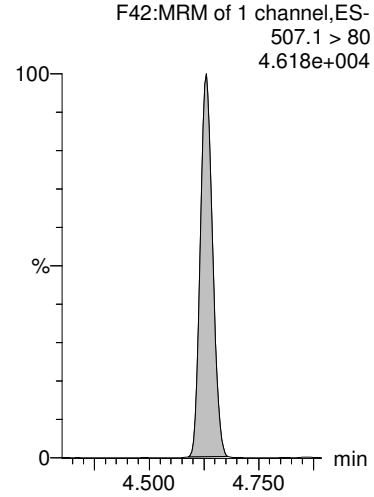


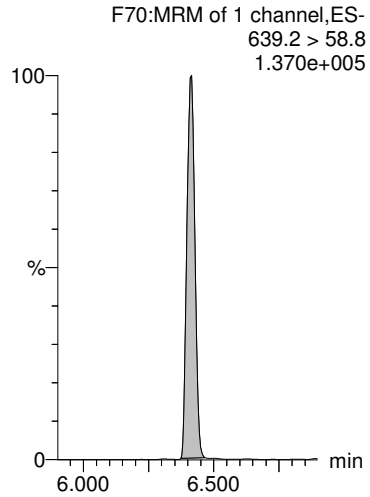
13C8-PFOS-EIS



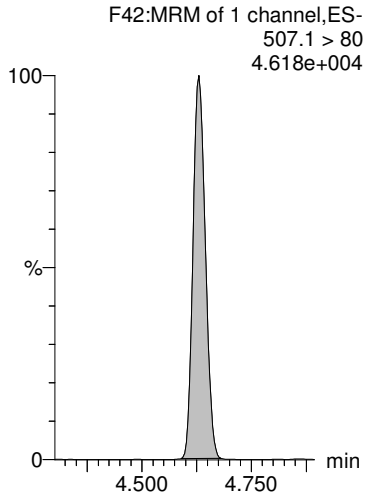
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
Printed: Monday, June 01, 2020 10:50:46 Pacific Daylight Time

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	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3.72e3	4.07e3	0.125		1.21	1.21	11.4	91.4740	114.3		
2	4	PFPeA	263.1 > 218.9	5.16e3	6.35e3	0.125		2.16	2.16	10.2	93.5313	116.9		
3	5	PFBS	299.0 > 80	1.84e3	8.49e2	0.125		2.44	2.44	27.1	91.0201	113.8	2.45	NO
4	7	PFHxA	313.0 > 269.0	7.31e3	8.12e3	0.125		2.97	2.97	11.3	93.6438	117.1	15.6	NO
5	11	PFHpA	363.0 > 319	8.13e3	7.03e3	0.125		3.59	3.59	14.5	94.3997	118.0	57.0	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.07e3		0.125	289.289	1.22	1.21	4070	112.6447	112.6		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.35e3		0.125	588.947	2.15	2.16	6350	86.2654	86.3		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.49e2		0.125	81.912	2.43	2.44	849	82.9229	82.9		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.12e3		0.125	849.096	3.15	2.97	8120	76.5300	76.5		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.03e3		0.125	724.419	3.58	3.59	7030	77.6818	77.7		
11	-1													
12	13	L-PFHxS	399 > 79.9	1.59e3	1.54e3	0.125		3.73	3.73	12.9	96.8963	121.1	4.26	NO
13	1...	Total PFHxS	399 > 79.9	1.59e3	1.54e3	0.125		3.93		12.9	96.8963			
14	15	6:2 FTS	427.0 > 407	9.21e2	9.50e2	0.125		4.04	4.04	12.1	81.7892	102.2	0.756	NO
15	19	PFHpS	449.0 > 80	1.41e3	1.66e3	0.125		4.25	4.21	10.6	96.0876	120.1	1.80	NO
16	21	PFNA	463.0 > 418.8	7.42e3	8.18e3	0.125		4.54	4.54	11.3	88.1502	110.2	12.4	NO
17	61	13C3-PFHxS-EIS	402 > 80	1.54e3		0.125	171.580	3.92	3.73	1540	71.6392	71.6		
18	61	13C3-PFHxS-EIS	402 > 80	1.54e3		0.125	171.580	3.92	3.73	1540	71.6392	71.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.50e2		0.125	92.769	4.50	4.04	950	81.9425	81.9		
20	71	13C8-PFOS-EIS	507.1 > 80	1.66e3		0.125	167.288	4.76	4.63	1660	79.2914	79.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.18e3		0.125	827.265	4.74	4.54	8180	79.0765	79.1		
22	-1													
23	16	L-PFOA	413 > 369	7.51e3	8.00e3	0.125		4.09	4.09	11.7	85.7862	107.2	3.07	NO
24	1...	Total PFOA	413 > 369	7.51e3	8.00e3	0.125		4.60		11.7	85.7862			
25	23	L-PFOS	499 > 80	1.60e3	1.66e3	0.125		4.63	4.63	12.1	79.0797	98.8	2.62	NO
26	1...	Total PFOS	499> 80	1.60e3	1.66e3	0.125		4.60		12.1	79.0797			
27	22	PFOSA	498 > 78	7.20e2	1.20e3	0.125		4.59	4.59	7.51	96.3393	120.4	21.9	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.00e3		0.125	808.136	4.09	4.09	8000	79.1523	79.2		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.00e3		0.125	808.136	4.09	4.09	8000	79.1523	79.2		
30	71	13C8-PFOS-EIS	507.1 > 80	1.66e3		0.125	167.288	4.76	4.63	1660	79.2914	79.3		
31	71	13C8-PFOS-EIS	507.1 > 80	1.66e3		0.125	167.288	4.76	4.63	1660	79.2914	79.3		
32	67	13C8-PFOSA-EIS	506 > 78	1.20e3		0.125	257.965	4.59	4.59	1200	37.1323	37.1		
33	-1													
34	26	PFDA	513 > 469	7.21e3	9.40e3	0.125		4.93	4.93	9.58	87.2047	109.0	5.01	NO
35	27	8:2 FTS	527.1 > 507	4.93e2	8.29e2	0.125		4.90	4.90	7.43	67.7258	84.7	0.455	NO
36	29	L-MeFOSAA	570 > 419	2.15e3	2.12e3	0.125		5.08	5.08	12.7	88.5529	110.7	1.75	NO

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Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
Printed: Monday, June 01, 2020 10:50:46 Pacific Daylight Time

Name: 200527P1-27, Date: 27-May-2020, Time: 16:43:23, ID: B0E0158-BS1 OPR 0.125, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	2.15e3	2.12e3	0.125		5.19		12.7	88.5529			
38	33	PFUdA	563.0 > 519	7.54e3	8.52e3	0.125		5.26	5.26	11.1	84.9694	106.2	18.2	NO
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.40e3		0.125	1081.744	4.93	4.93	9400	69.5432	69.5		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.29e2		0.125	90.113	4.90	4.90	829	73.5914	73.6		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.12e3		0.125	255.309	5.07	5.08	2120	66.4904	66.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.12e3		0.125	255.309	5.07	5.08	2120	66.4904	66.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.52e3		0.125	985.591	5.01	5.26	8520	69.1494	69.1		
44	-1													
45	31	L-EtFOSAA	584 > 419	2.44e3	1.96e3	0.125		5.24	5.25	15.6	88.9434	111.2	1.31	NO
46	1...	Total N-EtFOSAA	584 > 419	2.44e3	1.96e3	0.125		5.37		15.6	88.9434			
47	34	PFDS	599.1 > 80.0	1.39e3	1.66e3	0.125		5.25	5.31	10.5	77.9580	97.4	2.46	YES
48	37	PFDoA	612.9 > 569.0	6.92e3	8.33e3	0.125		5.55	5.55	10.4	86.1171	107.6	13.2	NO
49	39	PFTrDA	662.9 > 618.9	6.48e3	8.33e3	0.125		5.80	5.80	9.72	85.3275	106.7	118	NO
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.96e3		0.125	255.567	5.23	5.24	1960	61.2487	61.2		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.96e3		0.125	255.567	5.23	5.24	1960	61.2487	61.2		
52	71	13C8-PFOS-EIS	507.1 > 80	1.66e3		0.125	167.288	4.76	4.63	1660	79.2914	79.3		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.33e3		0.125	1022.097	5.54	5.55	8330	65.1949	65.2		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.33e3		0.125	1022.097	5.54	5.55	8330	65.1949	65.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0	4.10e3	6.40e3	0.125		6.02	6.02	8.01	87.8902	109.9	13.1	NO
57	38	N-MeFOSA	512.1 > 168.9	6.38e2	1.51e3	0.125		5.58	5.57	62.9	470.8150	117.7	2.41	YES
58	42	N-EtFOSA	526.1 > 168.9	7.72e2	2.07e3	0.125		6.02	6.02	55.5	401.7380	100.4	1.88	NO
59	43	PFHxDA	813 > 769	5.64e3	5.69e3	0.125		6.37	6.38	12.4	90.6728	113.3	40.7	NO
60	45	N-MeFOSE	616.1 > 58.9	1.79e3	4.11e3	0.125		6.26	6.27	65.2	506.2650	126.6		
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.40e3		0.125	1007.986	6.01	6.02	6400	50.7606	50.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.51e3		0.125	87.979	5.45	5.59	1510	137.5905	11.5		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.07e3		0.125	120.051	6.40	6.04	2070	138.1938	11.6		
64	93	13C2-PFHxDA-EIS	815 > 769.7	5.69e3		0.125	1310.023	6.36	6.37	5690	34.7763	34.8		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	4.11e3		0.125	100.447	6.25	6.26	4110	327.0770	27.4		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9	1.97e3	5.01e3	0.125		6.41	6.42	58.7	476.7187	119.2		
68	1...	TDCA	498.3>106.9			0.125		4.73						YES
69	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.01e3		0.125	108.100	6.40	6.41	5010	370.8384	31.1		
70	71	13C8-PFOS-EIS	507.1 > 80	1.66e3		0.125	167.288	4.76	4.63	1660	79.2914	79.3		

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Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
Printed: Monday, June 01, 2020 10:50:46 Pacific Daylight Time

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Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-27, Date: 27-May-2020, Time: 16:43:23, ID: B0E0158-BS1 OPR 0.125, Description: OPR

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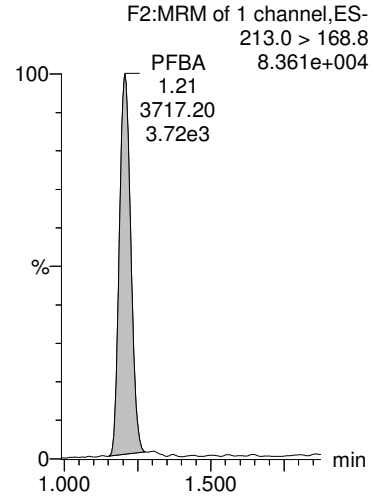

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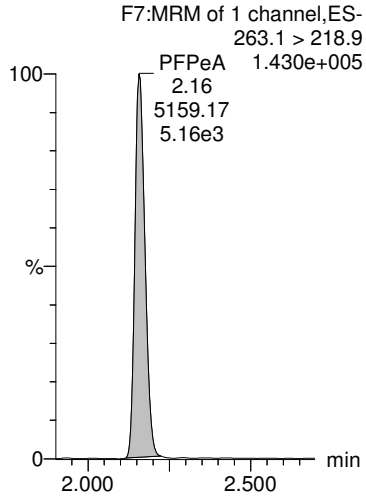

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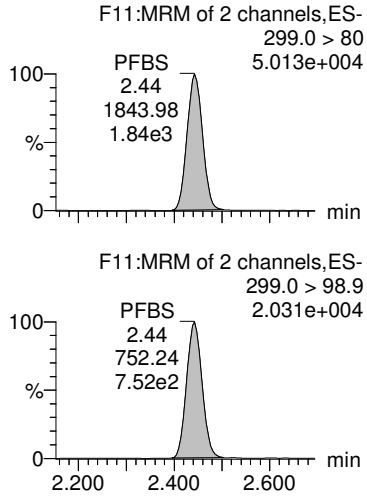

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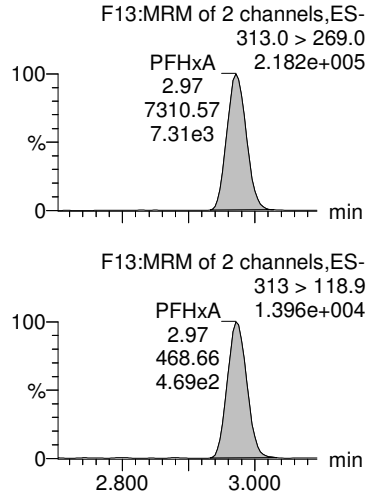

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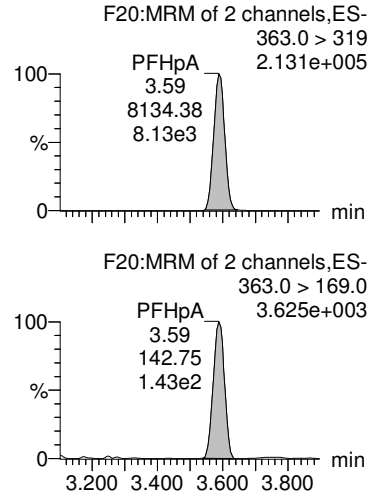

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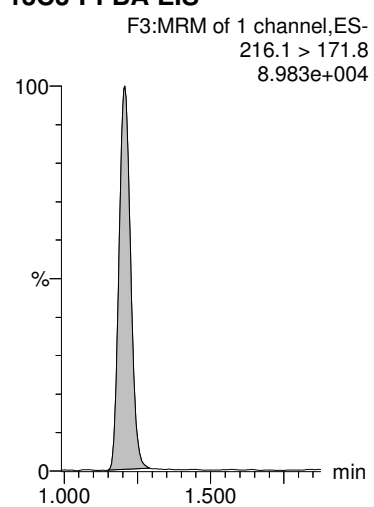

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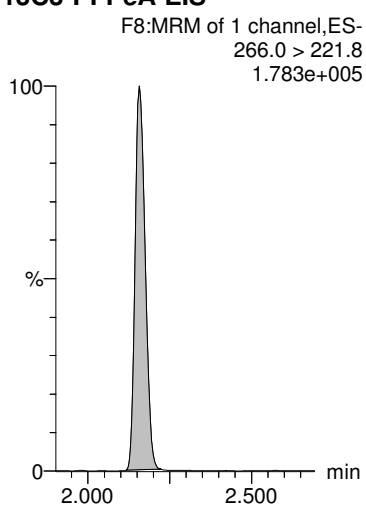

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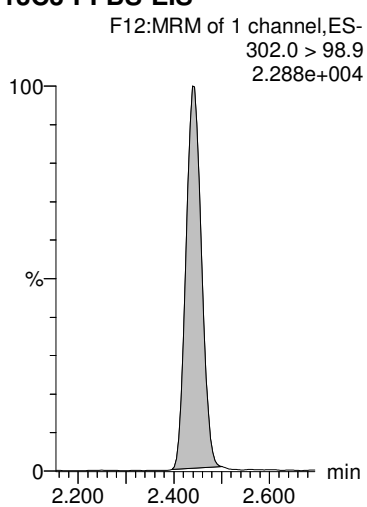

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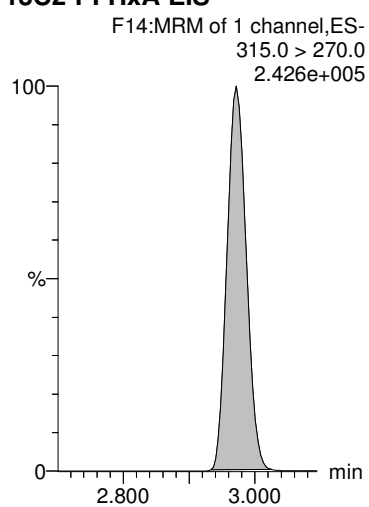

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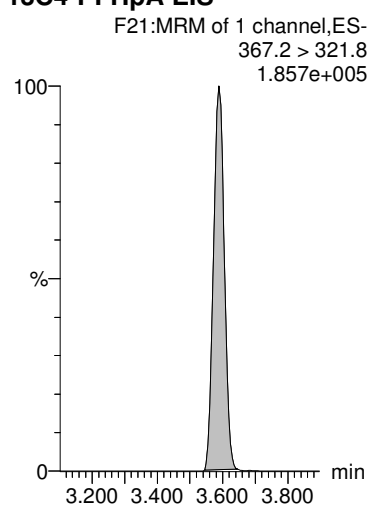


FBR 6/1/2020

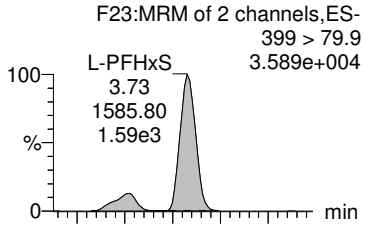
Review: AMR 6/2/2020

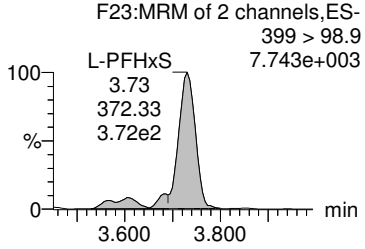
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
Printed: Monday, June 01, 2020 10:50:46 Pacific Daylight Time

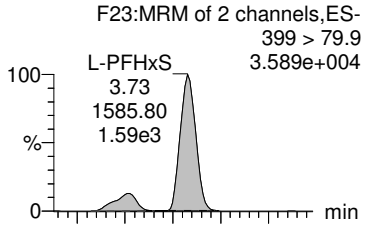
Name: 200527P1-27, Date: 27-May-2020, Time: 16:43:23, ID: B0E0158-BS1 OPR 0.125, Description: OPR

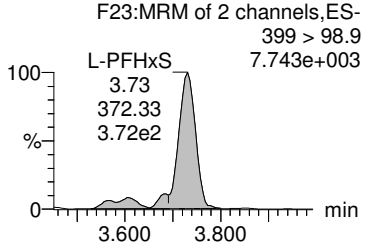
L-PFHxS



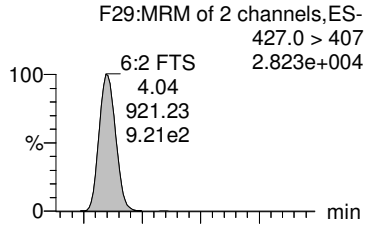


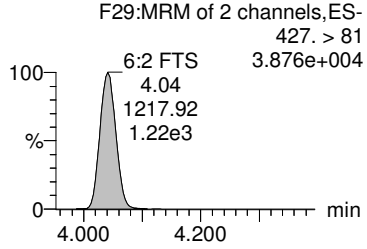
Total PFHxS





6:2 FTS





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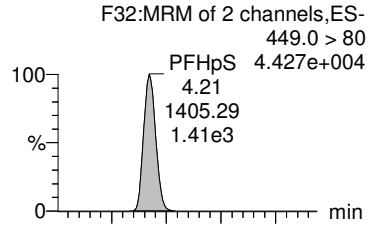

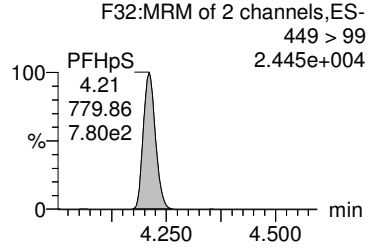

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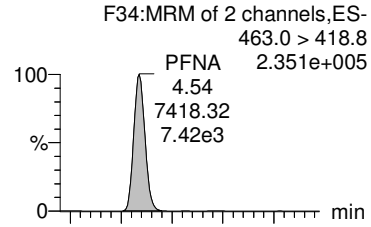

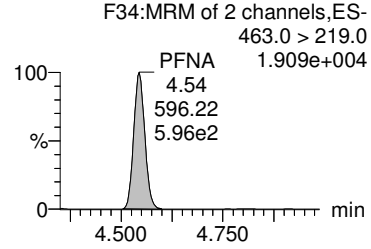

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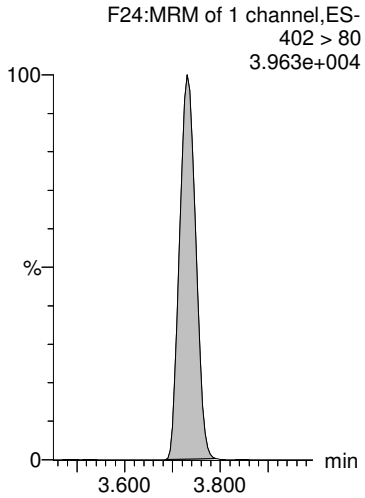

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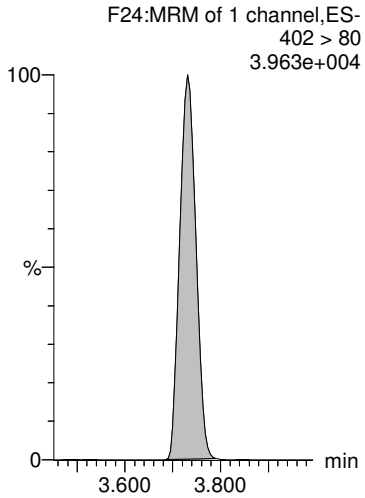

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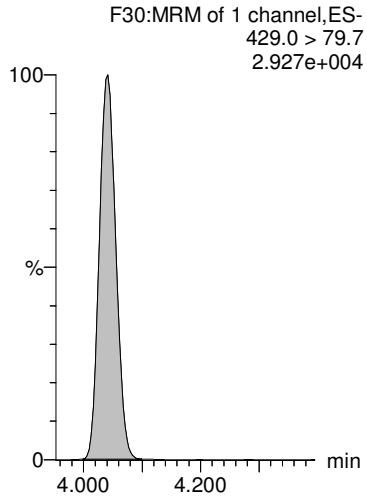

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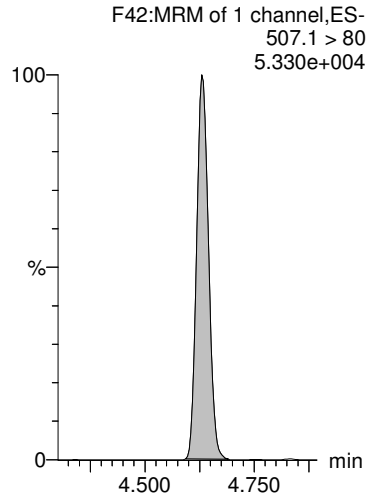

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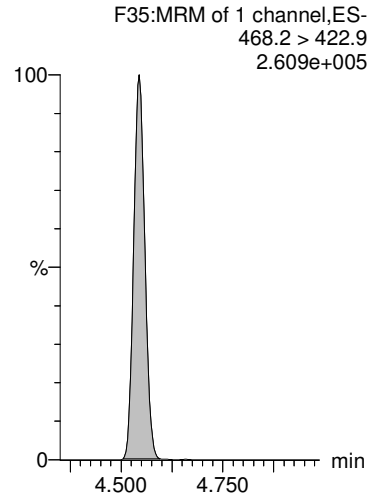


EBR 6/1/2020

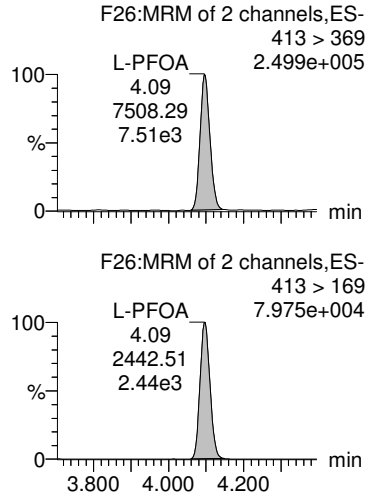
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

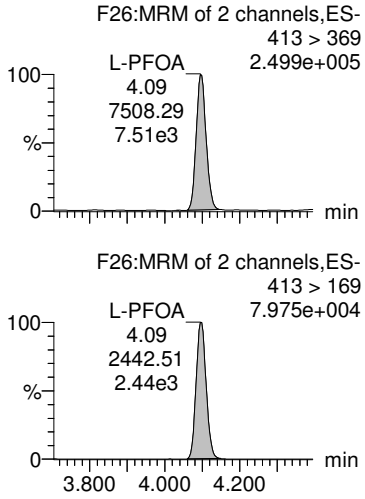
Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
Printed: Monday, June 01, 2020 10:50:46 Pacific Daylight Time

Name: 200527P1-27, Date: 27-May-2020, Time: 16:43:23, ID: B0E0158-BS1 OPR 0.125, Description: OPR

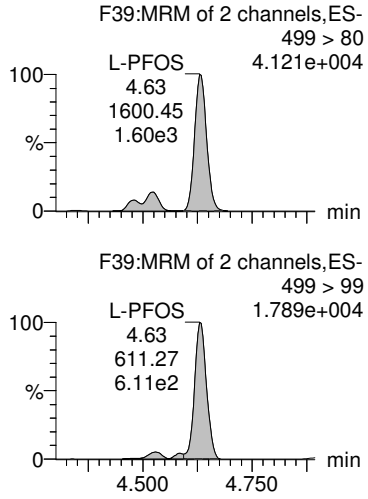
L-PFOA



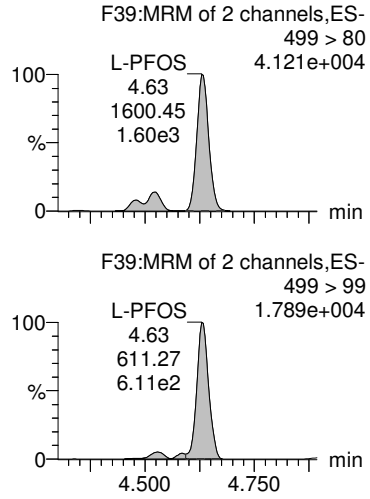
Total PFOA



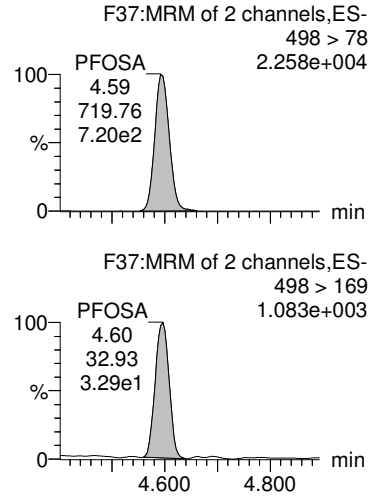
L-PFOS



Total PFOS



PFOSA



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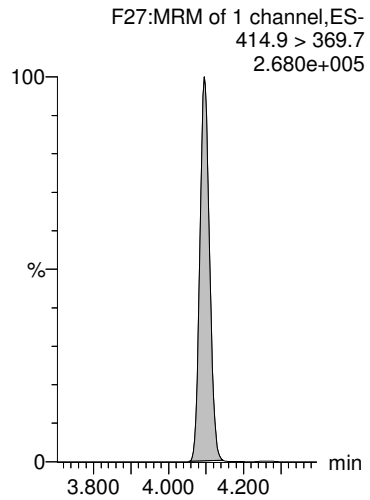

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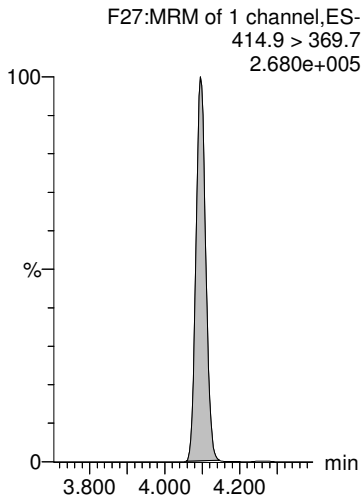

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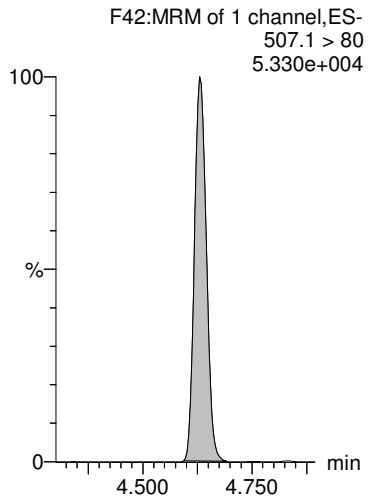
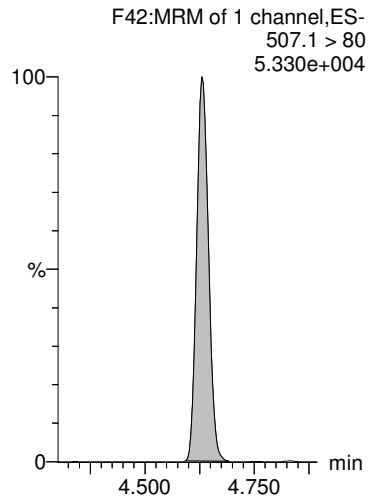
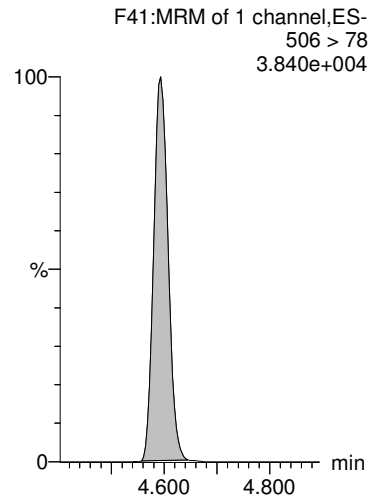


13C8-PFOS-EIS



13C8-PFOSA-EIS



FBR 6/1/2020

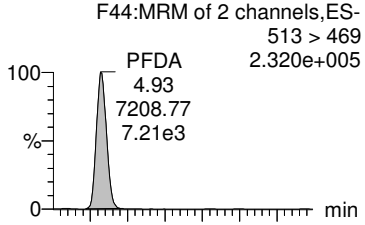
Review: AMR 6/2/2020

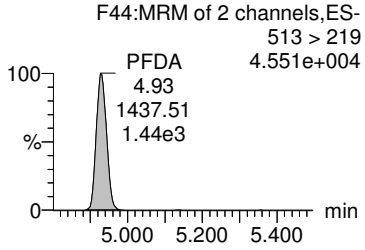
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
Printed: Monday, June 01, 2020 10:50:46 Pacific Daylight Time

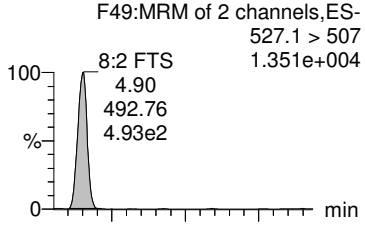
Name: 200527P1-27, Date: 27-May-2020, Time: 16:43:23, ID: B0E0158-BS1 OPR 0.125, Description: OPR

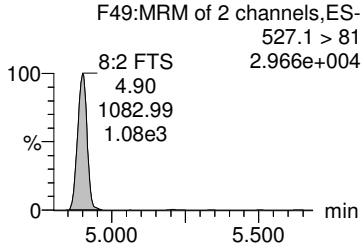
PFDA



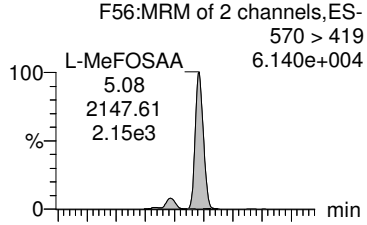


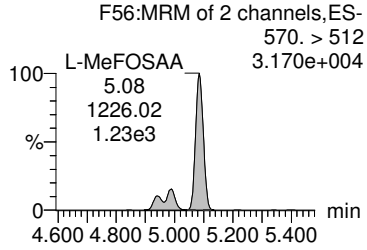
8:2 FTS





L-MeFOSAA





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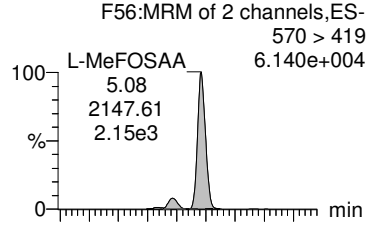
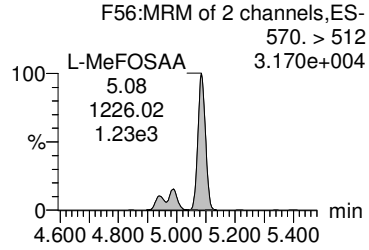
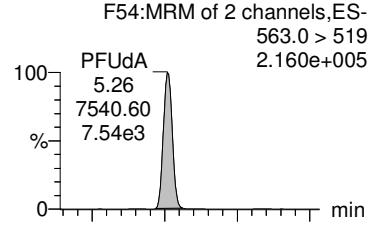
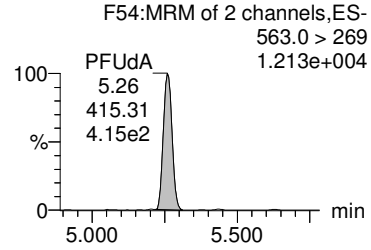


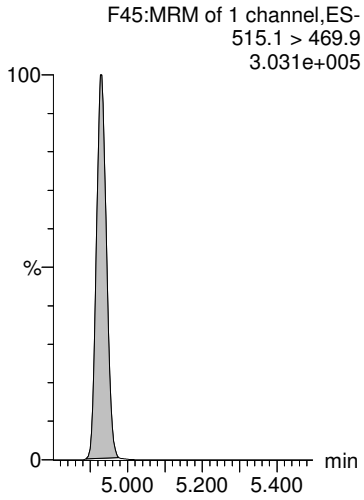


PFUdA

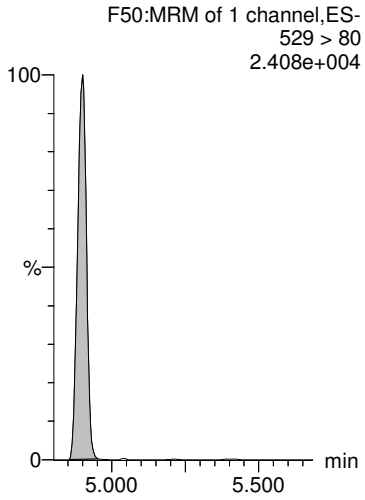




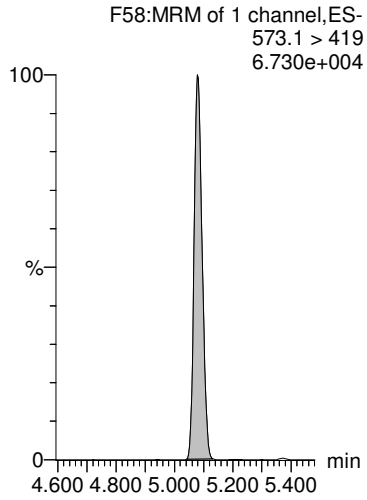
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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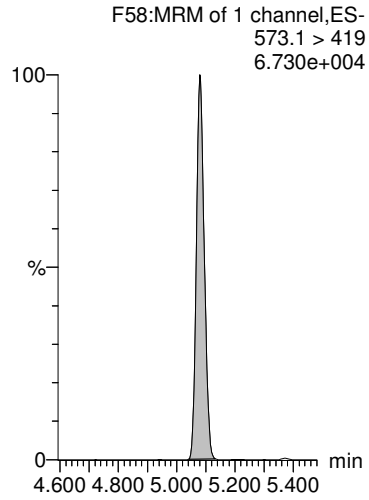

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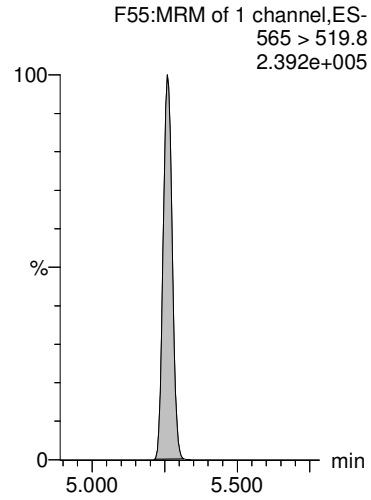

FBR 6/1/2020

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
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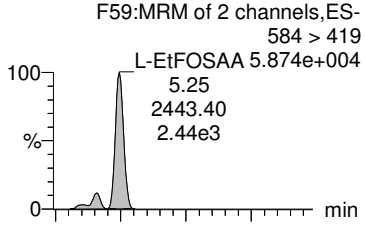
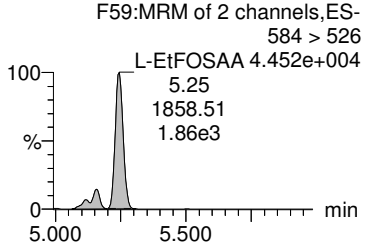
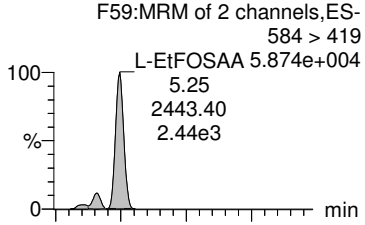
Name: 200527P1-27, Date: 27-May-2020, Time: 16:43:23, ID: B0E0158-BS1 OPR 0.125, Description: OPR

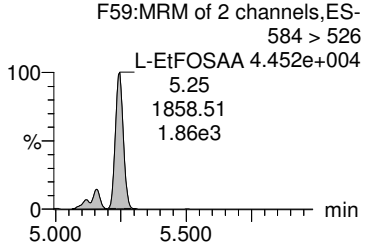
L-EtFOSAA





Total N-EtFOSAA





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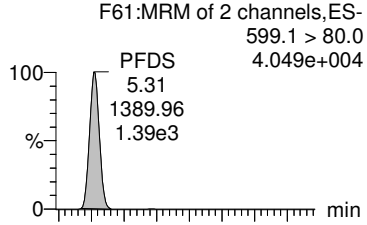

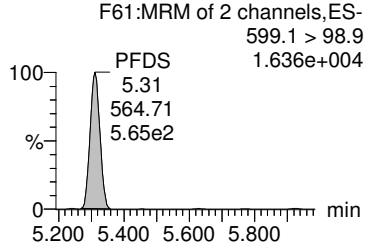

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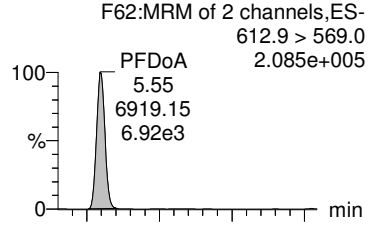

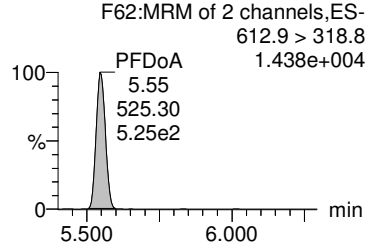

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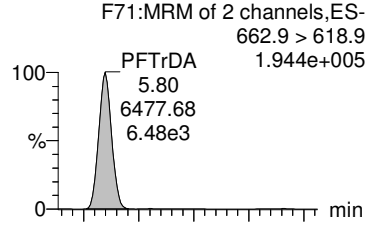
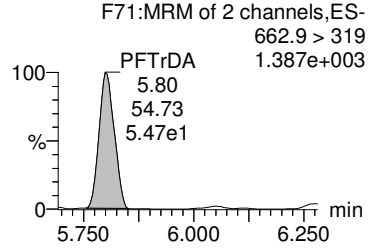
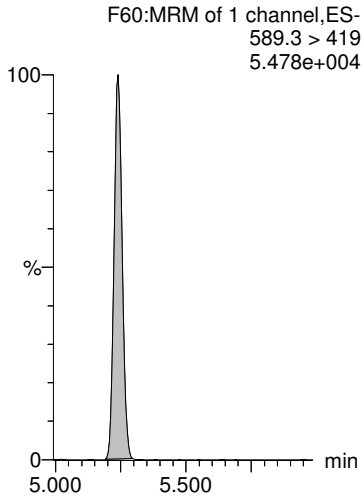




d5-N-EtFOSAA-EIS



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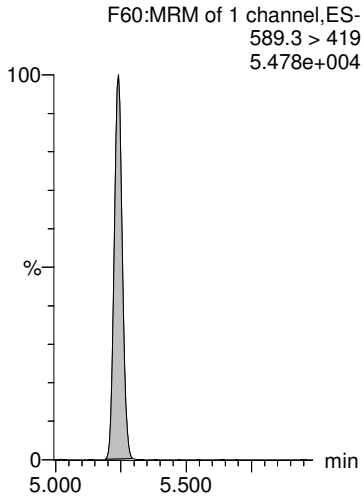
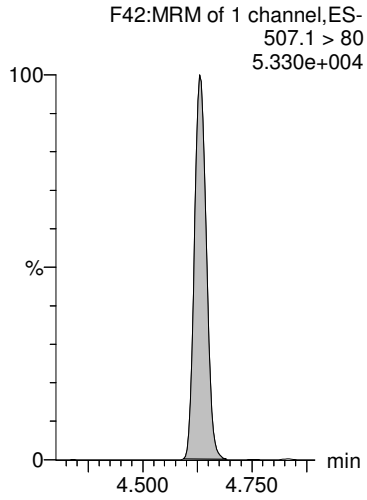
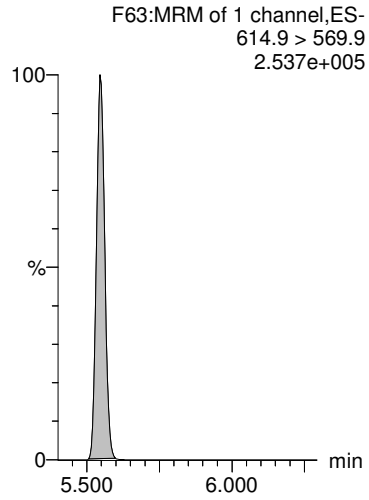


13C8-PFOS-EIS



13C2-PFDoA-EIS



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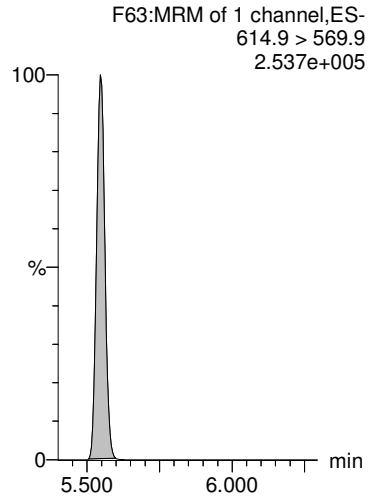

FBR 6/1/2020

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
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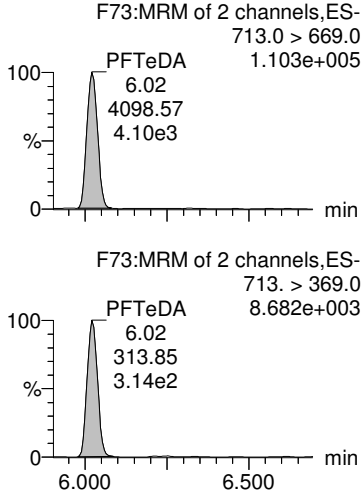
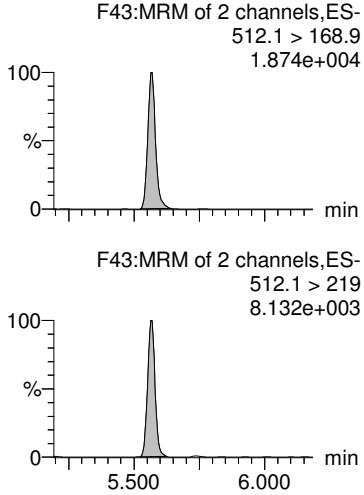


N-MeFOSA



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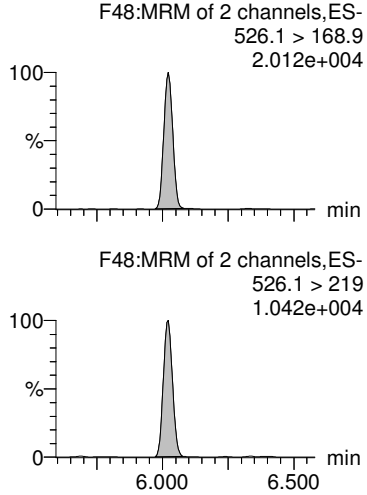

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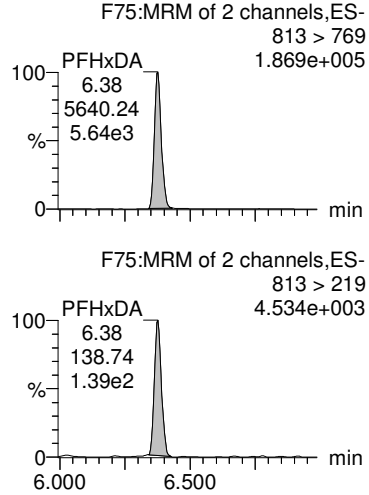
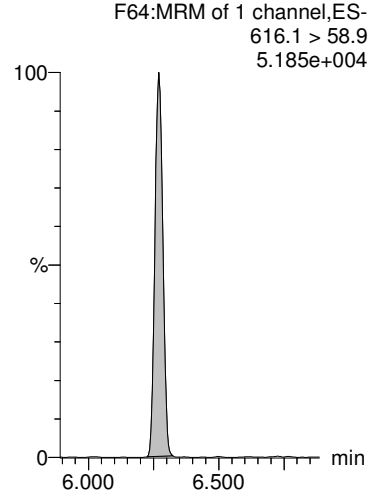


N-MeFOSE



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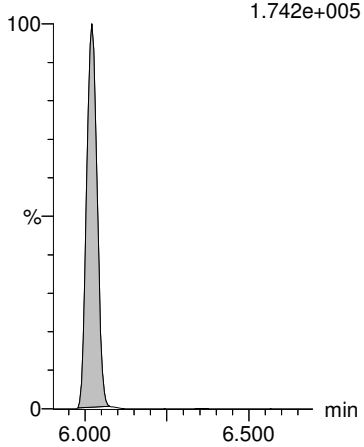
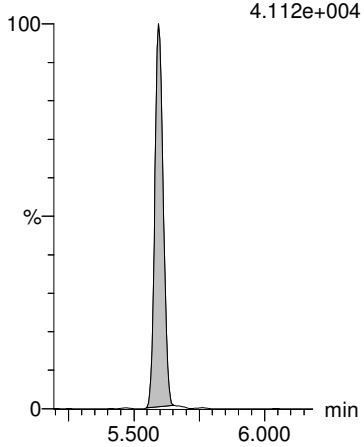


d3-N-MeFOSA-EIS



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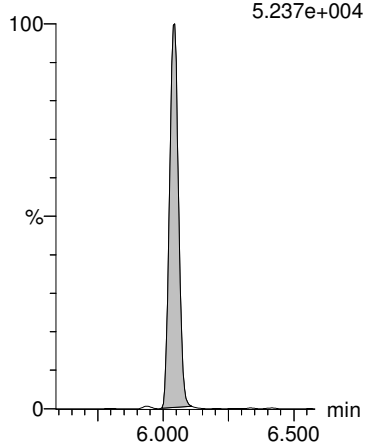

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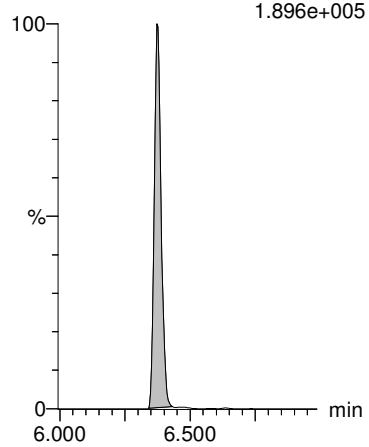

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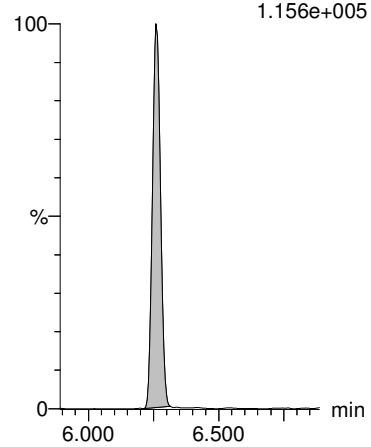

FBR 6/1/2020

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-27.qld

Last Altered: Monday, June 01, 2020 10:48:36 Pacific Daylight Time
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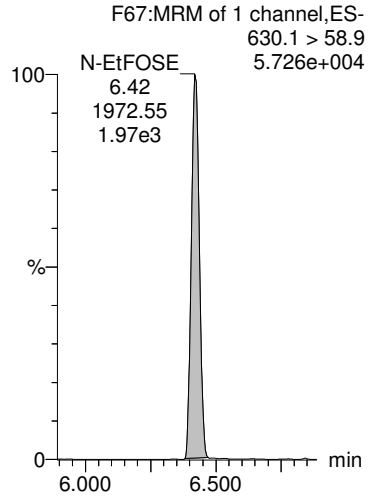
Name: 200527P1-27, Date: 27-May-2020, Time: 16:43:23, ID: B0E0158-BS1 OPR 0.125, Description: OPR

N-EtFOSE



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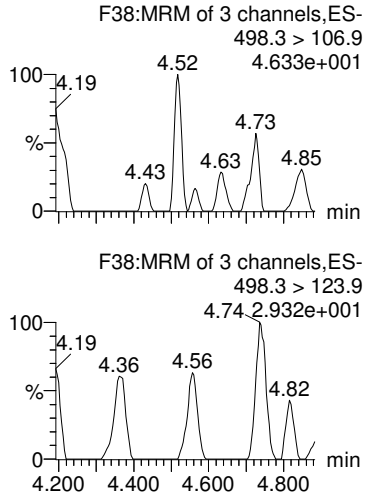

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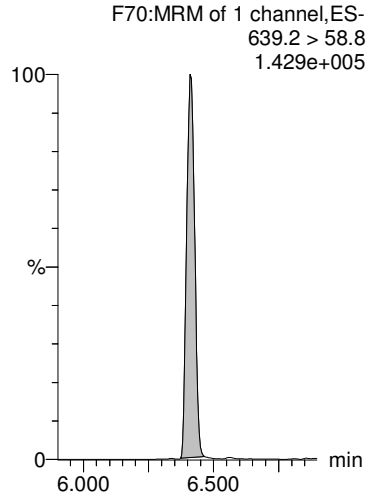

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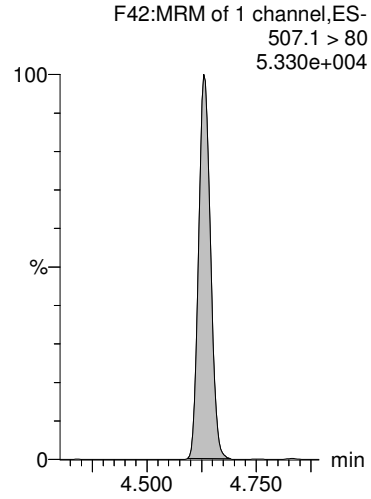

FBR 6/1/2020

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
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Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		3.84e3	0.116		1.22						
2	4	PFPeA	263.1 > 218.9		5.79e3	0.116		2.16						
3	5	PFBS	299.0 > 80		7.80e2	0.116		2.45						YES
4	7	PFHxA	313.0 > 269.0		7.61e3	0.116		2.98						YES
5	11	PFHpA	363.0 > 319		6.83e3	0.116		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.84e3		0.116	289.289	1.22	1.22	3840	114.1315	106.2		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.79e3		0.116	588.947	2.15	2.16	5790	84.6169	78.7		
8	51	13C3-PFBS-EIS	302.0 > 98.9	7.80e2		0.116	81.912	2.43	2.45	780	81.8635	76.2		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.61e3		0.116	849.096	3.15	2.98	7610	77.0336	71.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.83e3		0.116	724.419	3.58	3.59	6830	81.1192	75.5		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.55e3	0.116		3.74						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.55e3	0.116		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.16e2	0.116		4.05						YES
15	19	PFHpS	449.0 > 80		1.54e3	0.116		4.25						YES
16	21	PFNA	463.0 > 418.8		8.15e3	0.116		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.55e3		0.116	171.580	3.92	3.74	1550	77.9313	72.5		
18	61	13C3-PFHxS-EIS	402 > 80	1.55e3		0.116	171.580	3.92	3.74	1550	77.9313	72.5		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.16e2		0.116	92.769	4.50	4.05	916	84.9042	79.0		
20	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.116	167.288	4.76	4.63	1540	79.3436	73.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.15e3		0.116	827.265	4.74	4.54	8150	84.7644	78.9		
22	-1													
23	16	L-PFOA	413 > 369		7.40e3	0.116		4.10						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.40e3	0.116		4.60		0.000				
25	23	L-PFOS	499 > 80		1.54e3	0.116		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.54e3	0.116		4.60		0.000				
27	22	PFOSA	498 > 78		9.76e2	0.116		4.59						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.40e3		0.116	808.136	4.09	4.10	7400	78.7764	73.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.40e3		0.116	808.136	4.09	4.10	7400	78.7764	73.3		
30	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.116	167.288	4.76	4.63	1540	79.3436	73.8		
31	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.116	167.288	4.76	4.63	1540	79.3436	73.8		
32	67	13C8-PFOSA-EIS	506 > 78	9.76e2		0.116	257.965	4.59	4.59	976	32.5233	30.3		
33	-1													
34	26	PFDA	513 > 469		9.52e3	0.116		4.93						YES
35	27	8:2 FTS	527.1 > 507		9.50e2	0.116		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.19e3	0.116		5.08						YES

FBR 6/1/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.19e3	0.116		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.24e3	0.116		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.52e3		0.116	1081.744	4.93	4.93	9520	75.6633	70.4		
40	75	13C2-8:2 FTS-EIS	529 > 80	9.50e2		0.116	90.113	4.90	4.90	950	90.6204	84.3		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.19e3		0.116	255.309	5.07	5.08	2190	73.9158	68.8		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.19e3		0.116	255.309	5.07	5.08	2190	73.9158	68.8		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.24e3		0.116	985.591	5.01	5.26	8240	71.8692	66.9		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.04e3	0.116		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.04e3	0.116		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.54e3	0.116		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.79e3	0.116		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.79e3	0.116		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.04e3		0.116	255.567	5.23	5.24	2040	68.5269	63.7		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.04e3		0.116	255.567	5.23	5.24	2040	68.5269	63.7		
52	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.116	167.288	4.76	4.63	1540	79.3436	73.8		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.79e3		0.116	1022.097	5.54	5.55	8790	73.9714	68.8		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.79e3		0.116	1022.097	5.54	5.55	8790	73.9714	68.8		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.48e3	0.116		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		1.53e3	0.116		5.58						YES
58	42	N-EtFOSA	526.1 > 168.9		2.02e3	0.116		6.02						YES
59	43	PFHxDA	813 > 769		4.26e3	0.116		6.38						YES
60	45	N-MeFOSE	616.1 > 58.9		3.75e3	0.116		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.48e3		0.116	1007.986	6.01	6.02	6480	55.3202	51.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.53e3		0.116	87.979	5.45	5.59	1530	149.6752	11.7		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.02e3		0.116	120.051	6.40	6.04	2020	144.4856	11.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	4.26e3		0.116	1310.023	6.36	6.38	4260	27.9876	26.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	3.75e3		0.116	100.447	6.25	6.26	3750	320.9708	25.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		4.30e3	0.116		6.41						
68	1...	TDCA	498.3>106.9			0.116		4.73						YES
69	97	d9-N-EtFOSE-EIS	639.2 > 58.8	4.30e3		0.116	108.100	6.40	6.41	4300	341.8195	26.6		
70	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.116	167.288	4.76	4.63	1540	79.3436	73.8		

FBR 6/1/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

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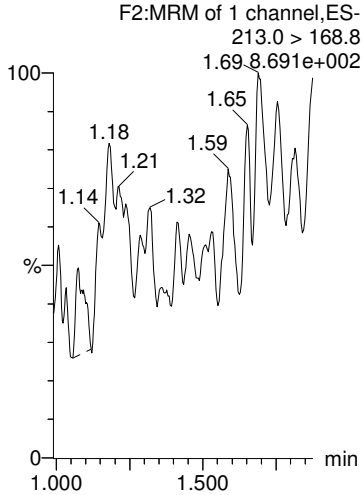
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

PFBA



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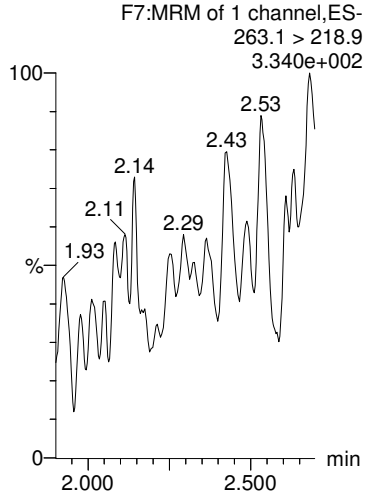

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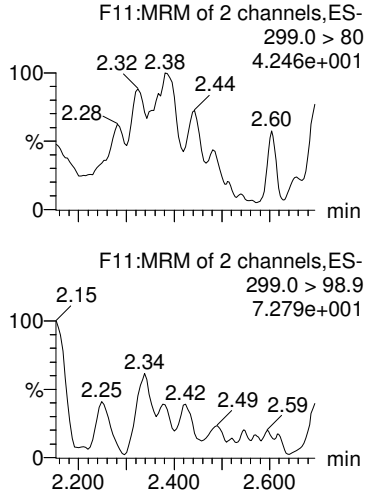

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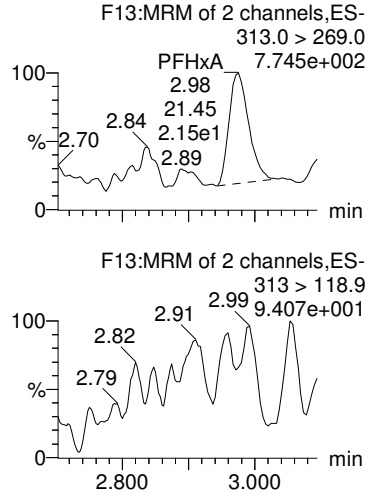

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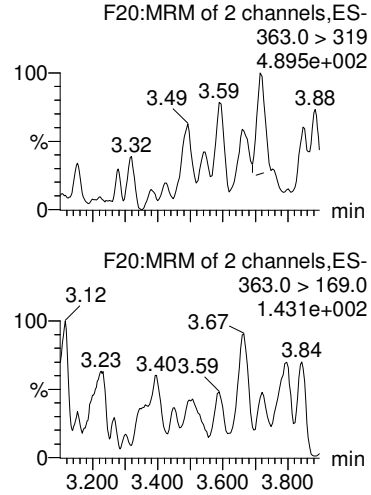

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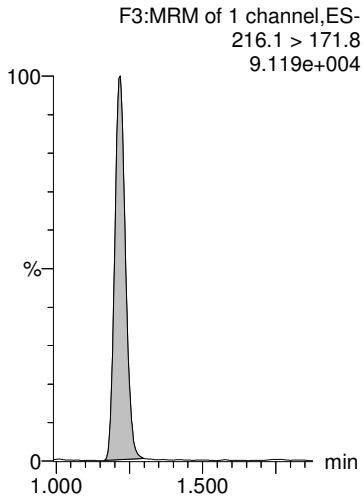

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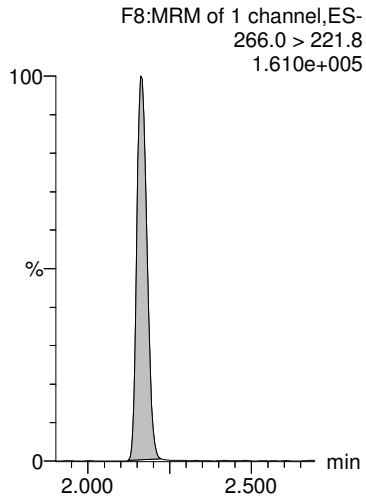

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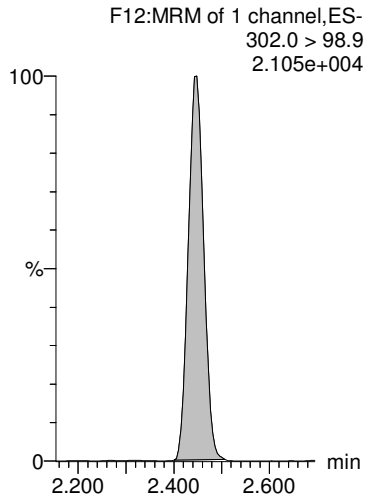

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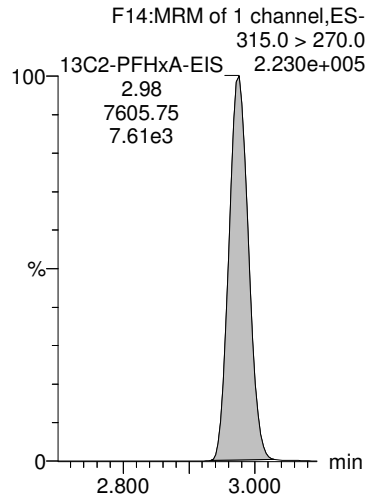

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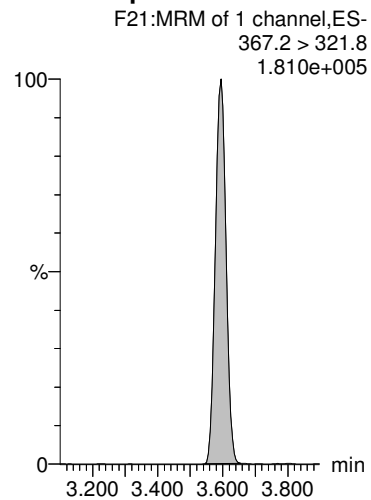


FBR 6/1/2020

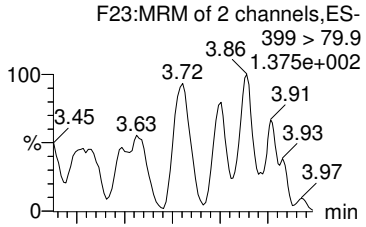
Review: AMR 6/2/2020

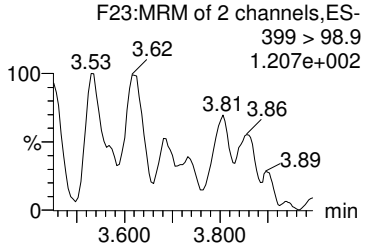
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

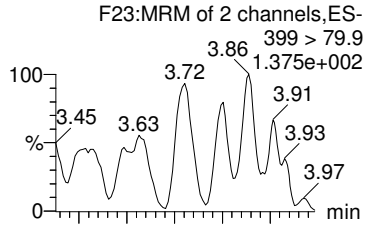
Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

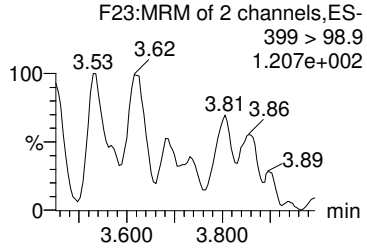
L-PFHxS



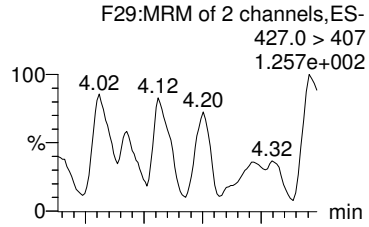


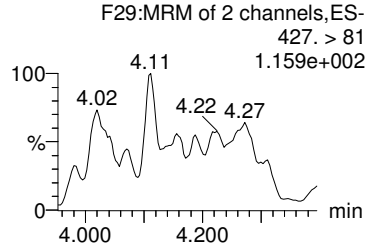
Total PFHxS



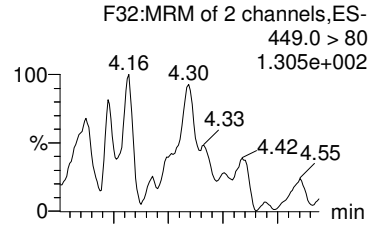


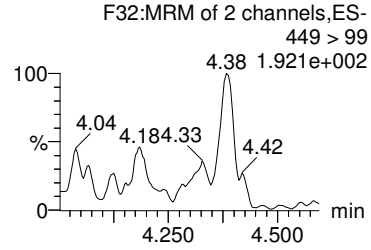
6:2 FTS





PFHpS





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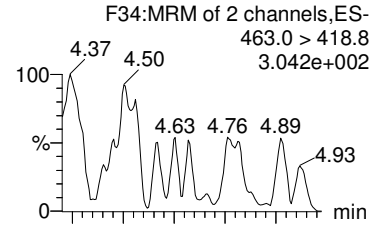
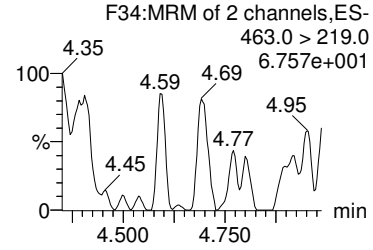
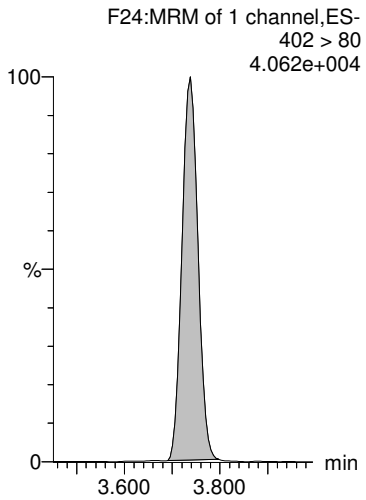




13C3-PFHxS-EIS



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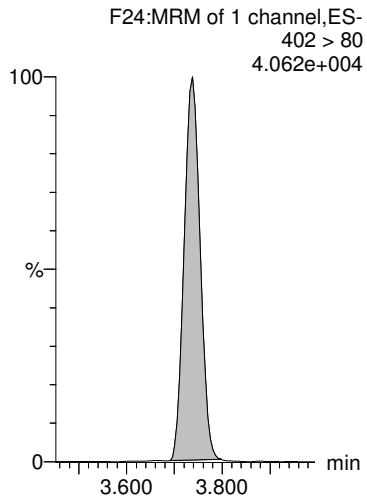

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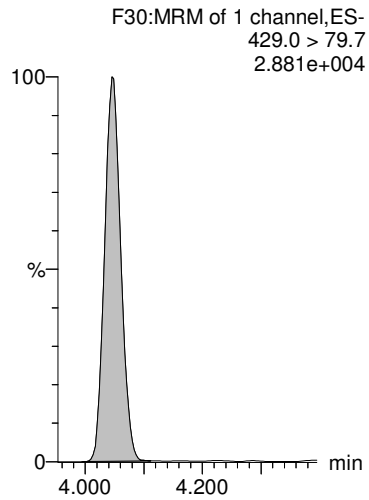

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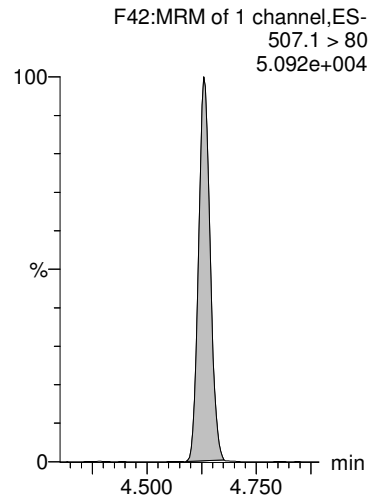

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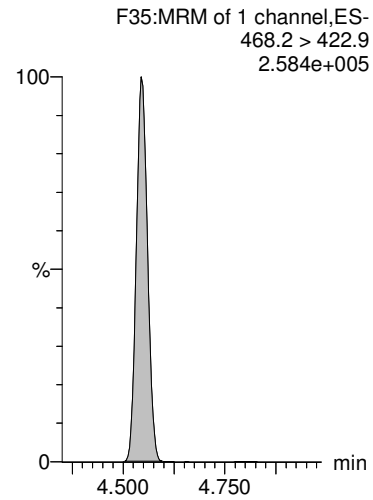


EBR 6/1/2020

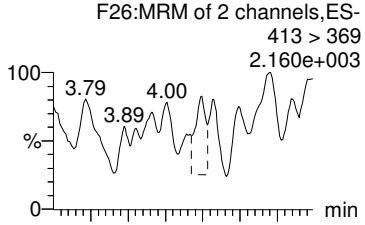
Review: AMR 6/2/2020

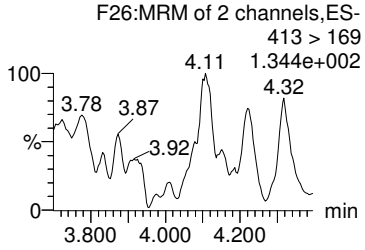
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

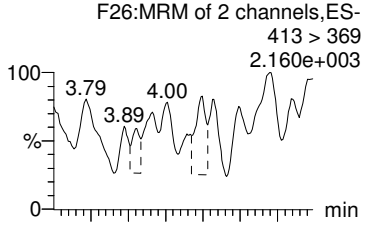
Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

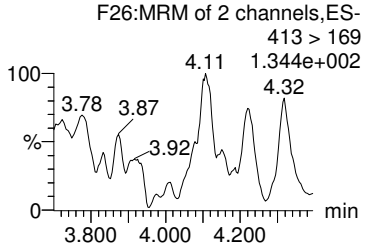
L-PFOA



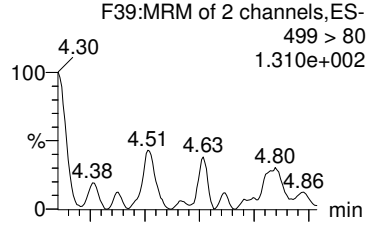


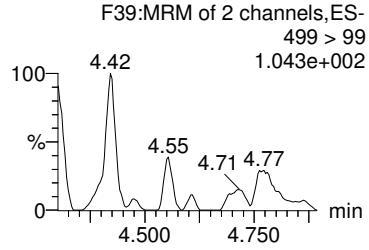
Total PFOA



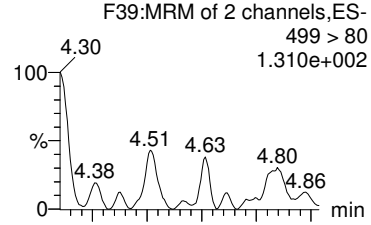


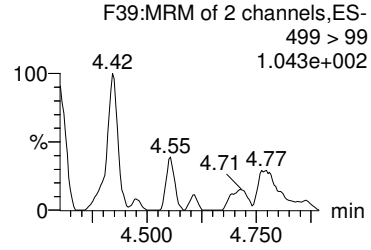
L-PFOS



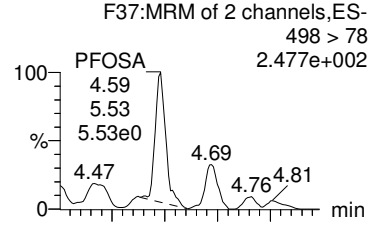


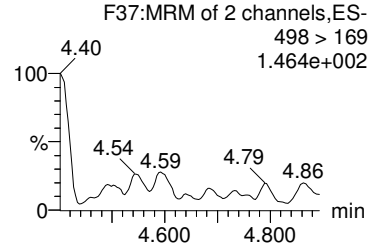
Total PFOS



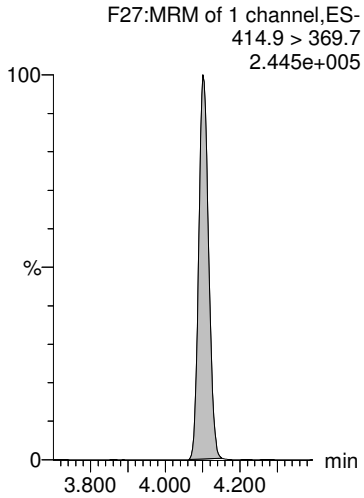


PFOSA





13C2-PFOA-EIS



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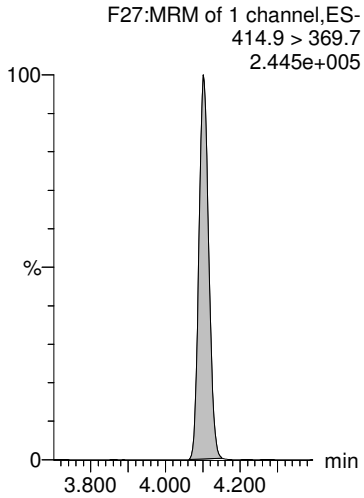

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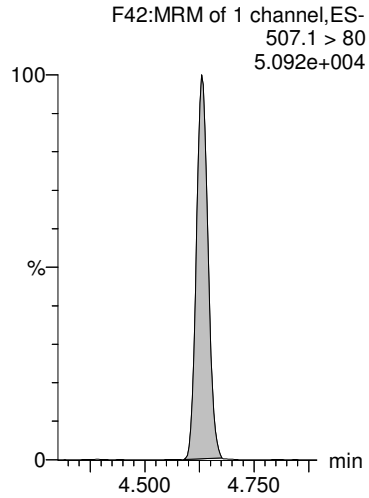

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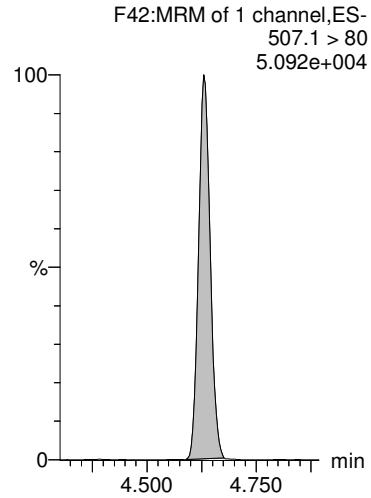
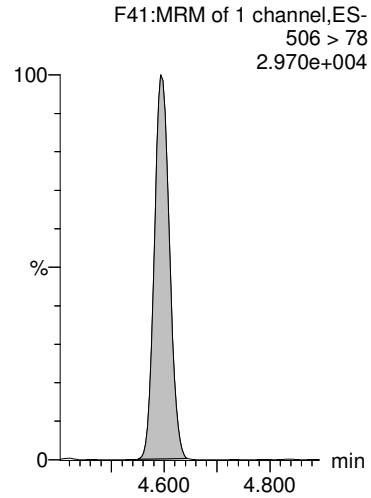


13C8-PFOSA-EIS



EBR 6/1/2020

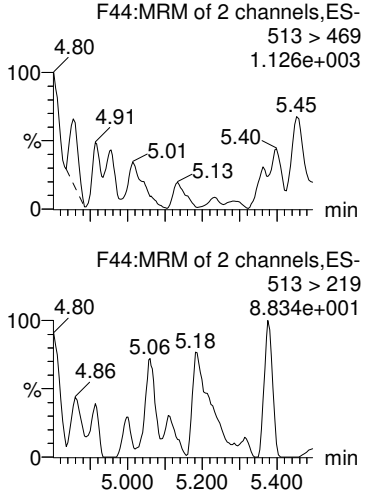
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

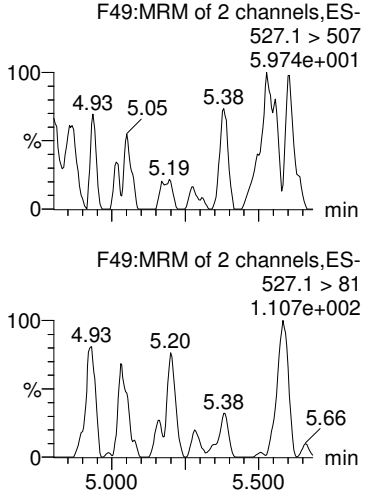
Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

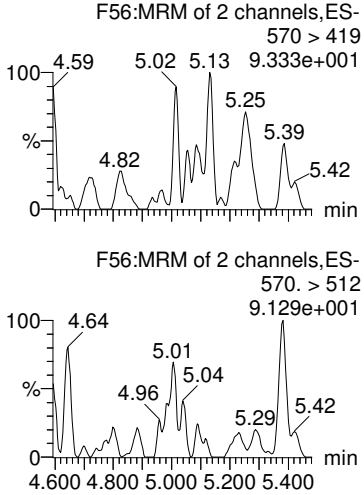
PFDA



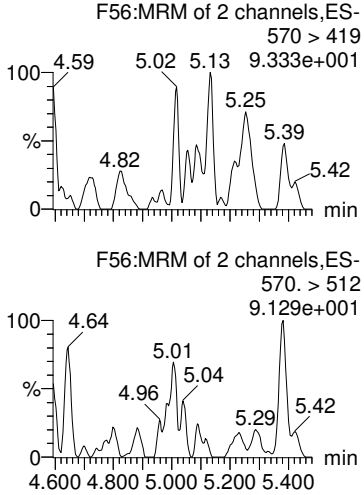
8:2 FTS



L-MeFOSAA



Total N-MeFOSAA



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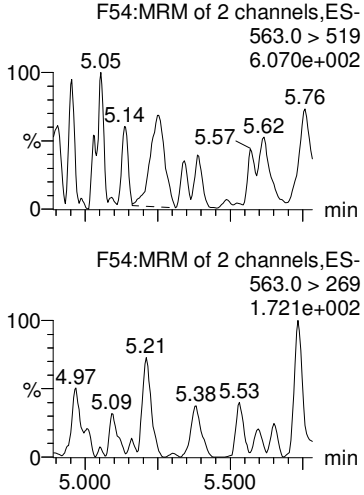
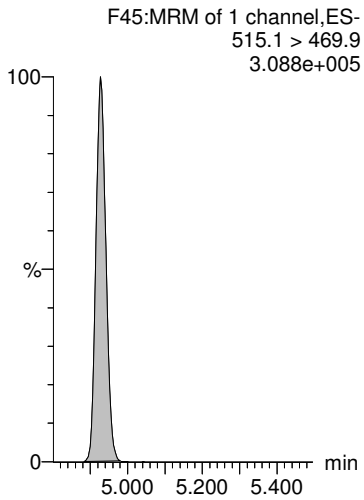
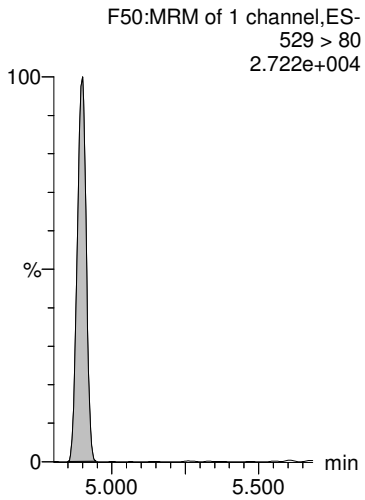


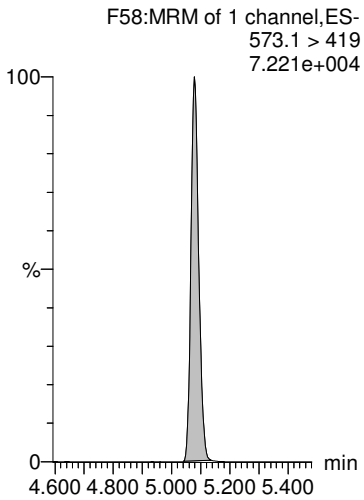
13C2-PFDA-EIS



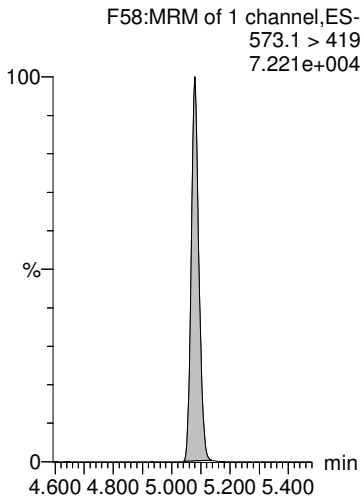
13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



d3-N-MeFOSAA-EIS



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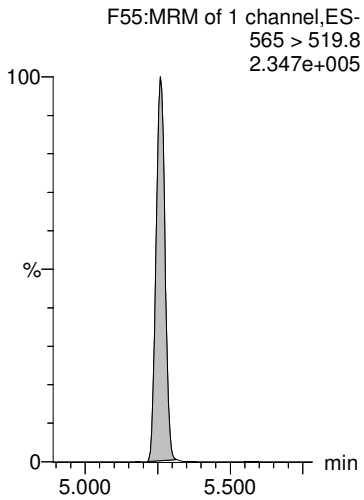


FBR 6/1/2020

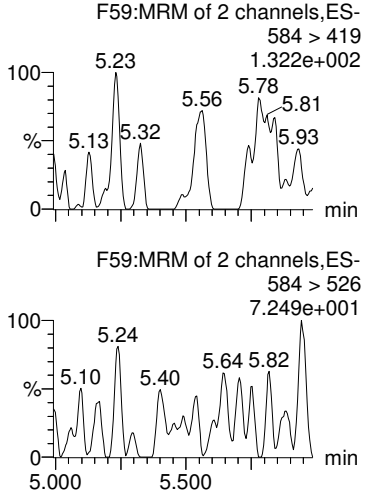
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

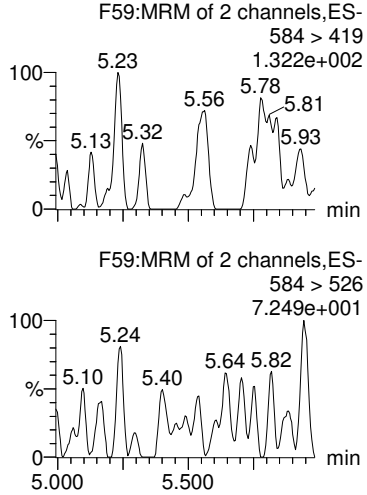
Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

L-EtFOSAA



Total N-EtFOSAA



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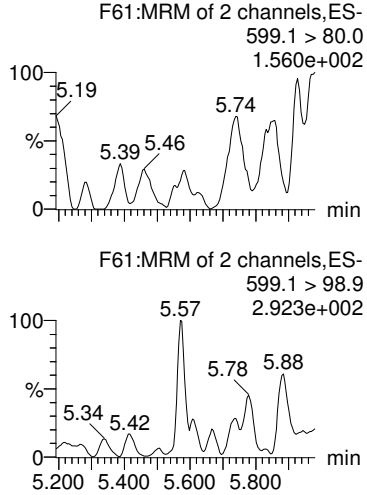
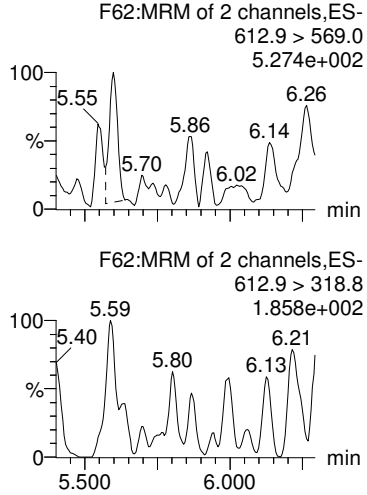
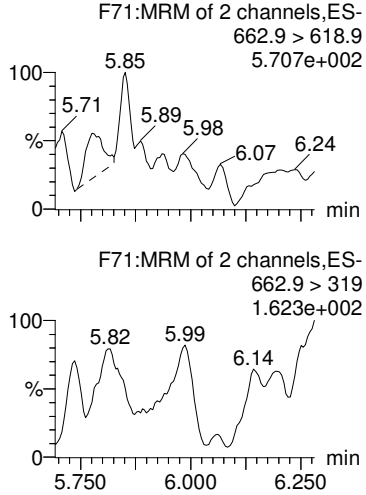


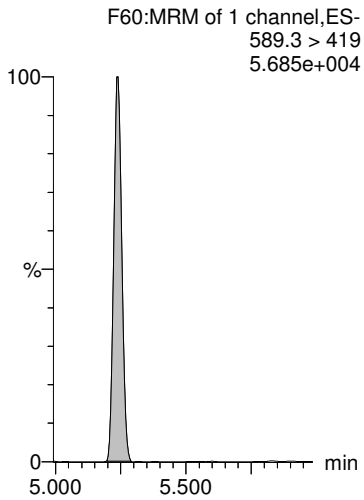
PFDoA



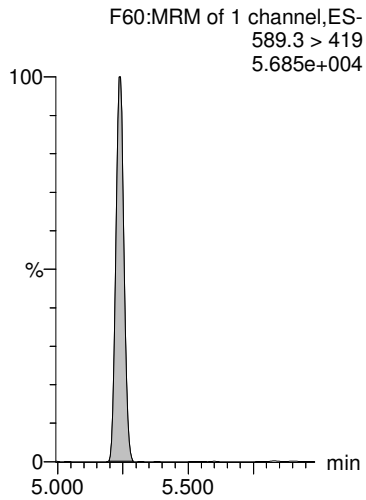
PFTrDA



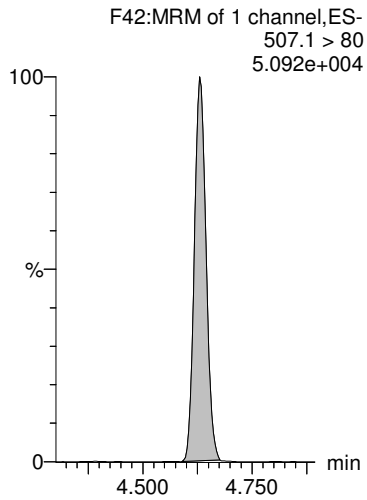
d5-N-EtFOSAA-EIS



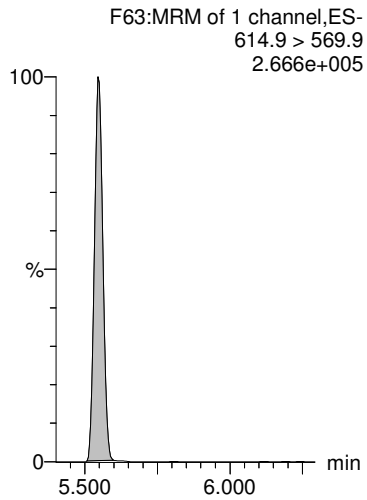
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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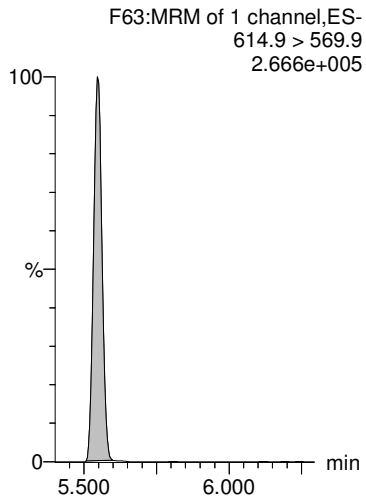


FBR 6/1/2020

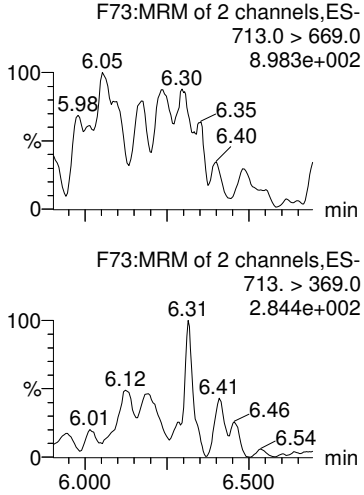
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

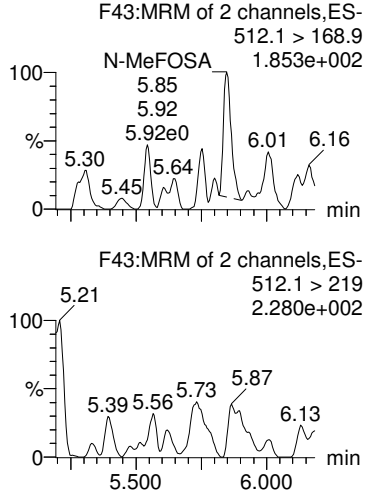
Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

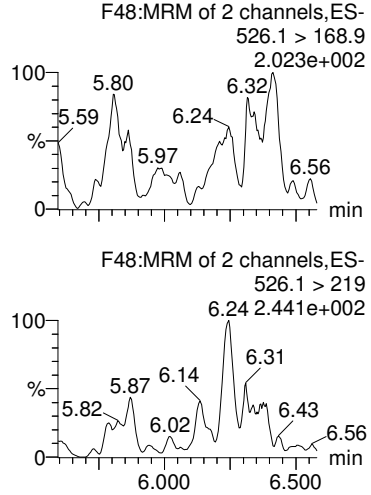
PFTeDA



N-MeFOSA



N-EtFOSA



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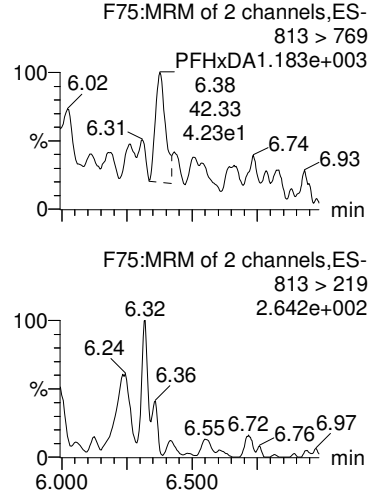
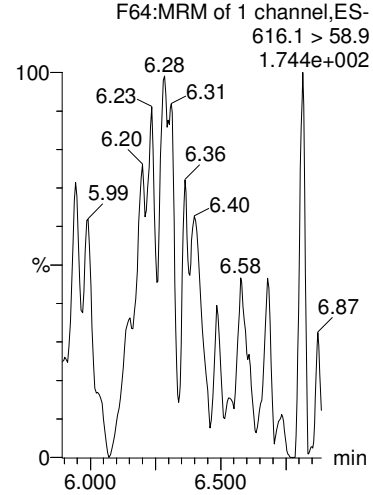
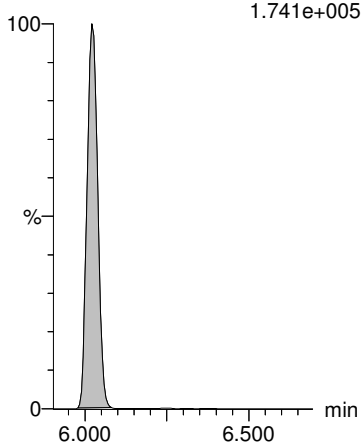


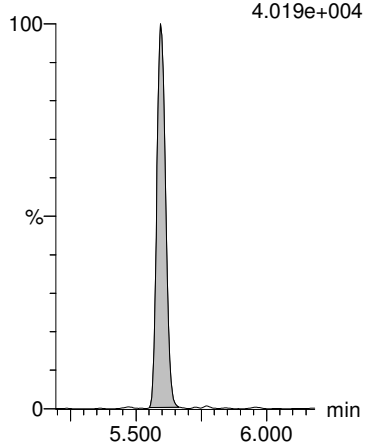
N-MeFOSE



13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



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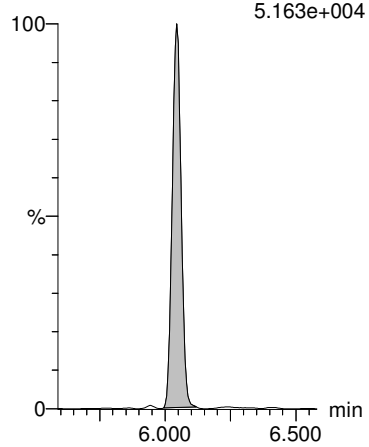
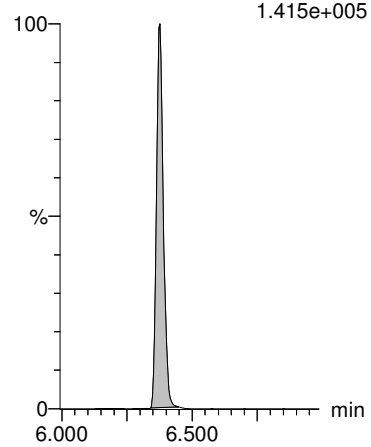


13C2-PFHxDA-EIS



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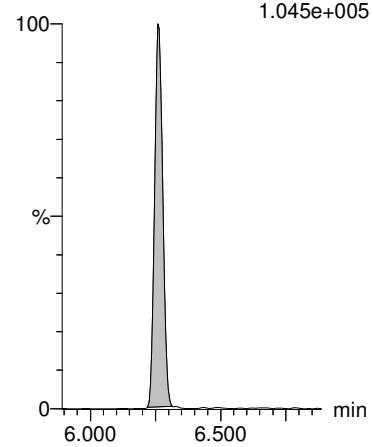


FBR 6/1/2020

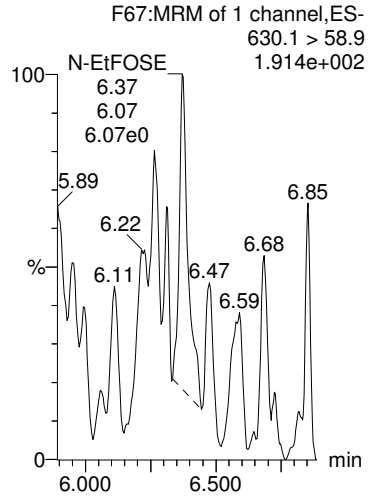
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-28.qld

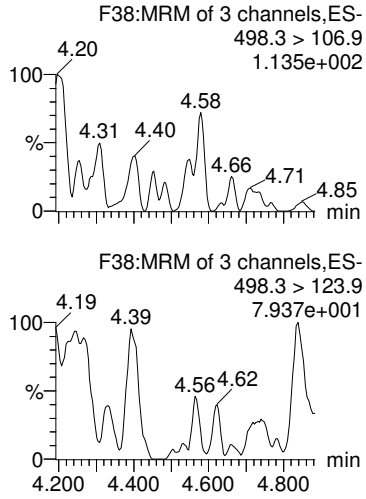
Last Altered: Monday, June 01, 2020 12:04:19 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:05:12 Pacific Daylight Time

Name: 200527P1-28, Date: 27-May-2020, Time: 16:53:52, ID: 2001078-01 FB-DI WATER 0.11628, Description: FB-DI WATER

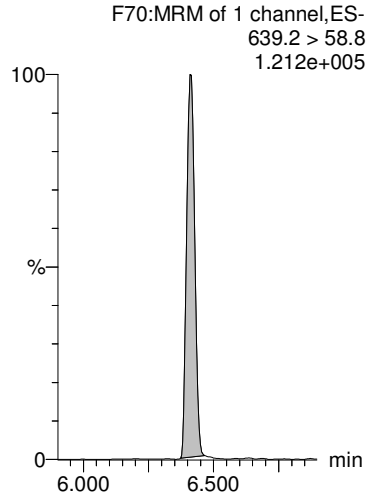
N-EtFOSE



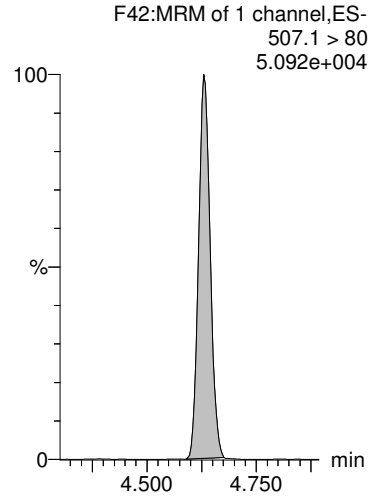
TDCA



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



FBR 6/1/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.23e3	0.114		1.21						
2	4	PFPeA	263.1 > 218.9		5.71e3	0.114		2.16						
3	5	PFBS	299.0 > 80		8.30e2	0.114		2.44						YES
4	7	PFHxA	313.0 > 269.0		7.36e3	0.114		2.97						YES
5	11	PFHpA	363.0 > 319		6.51e3	0.114		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.23e3		0.114	289.289	1.22	1.21	4230	127.7833	117.0		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.71e3		0.114	588.947	2.15	2.16	5710	84.7072	77.5		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.30e2		0.114	81.912	2.43	2.44	830	88.5300	81.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.36e3		0.114	849.096	3.15	2.97	7360	75.7394	69.3		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.51e3		0.114	724.419	3.58	3.59	6510	78.5650	71.9		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.56e3	0.114		3.74						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.56e3	0.114		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		8.40e2	0.114		4.04						YES
15	19	PFHpS	449.0 > 80		1.65e3	0.114		4.25						YES
16	21	PFNA	463.0 > 418.8		7.65e3	0.114		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.56e3		0.114	171.580	3.92	3.74	1560	79.4797	72.7		
18	61	13C3-PFHxS-EIS	402 > 80	1.56e3		0.114	171.580	3.92	3.74	1560	79.4797	72.7		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	8.40e2		0.114	92.769	4.50	4.04	840	79.1288	72.4		
20	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.114	167.288	4.76	4.63	1650	86.3335	79.0		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.65e3		0.114	827.265	4.74	4.54	7650	80.7992	74.0		
22	-1													
23	16	L-PFOA	413 > 369		7.37e3	0.114		4.10						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.37e3	0.114		4.60		0.000				
25	23	L-PFOS	499 > 80		1.65e3	0.114		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.65e3	0.114		4.60		0.000				
27	22	PFOSA	498 > 78		1.78e3	0.114		4.59						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.37e3		0.114	808.136	4.09	4.10	7370	79.6963	72.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.37e3		0.114	808.136	4.09	4.10	7370	79.6963	72.9		
30	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.114	167.288	4.76	4.63	1650	86.3335	79.0		
31	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.114	167.288	4.76	4.63	1650	86.3335	79.0		
32	67	13C8-PFOSA-EIS	506 > 78	1.78e3		0.114	257.965	4.59	4.59	1780	60.3535	55.2		
33	-1													
34	26	PFDA	513 > 469		9.23e3	0.114		4.93						YES
35	27	8:2 FTS	527.1 > 507		7.85e2	0.114		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.27e3	0.114		5.08						YES

FBR 6/1/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.27e3	0.114		5.19		0.000				
38	33	PFUdA	563.0 > 519		7.91e3	0.114		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.23e3		0.114	1081.744	4.93	4.93	9230	74.5501	68.2		
40	75	13C2-8:2 FTS-EIS	529 > 80	7.85e2		0.114	90.113	4.90	4.90	785	76.1646	69.7		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.27e3		0.114	255.309	5.07	5.08	2270	77.6461	71.1		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.27e3		0.114	255.309	5.07	5.08	2270	77.6461	71.1		
43	79	13C2-PFUdA-EIS	565 > 519.8	7.91e3		0.114	985.591	5.01	5.26	7910	70.1037	64.2		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.30e3	0.114		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.30e3	0.114		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.65e3	0.114		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.58e3	0.114		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.58e3	0.114		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.30e3		0.114	255.567	5.23	5.24	2300	78.7012	72.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.30e3		0.114	255.567	5.23	5.24	2300	78.7012	72.0		
52	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.114	167.288	4.76	4.63	1650	86.3335	79.0		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.58e3		0.114	1022.097	5.54	5.55	8580	73.3337	67.1		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.58e3		0.114	1022.097	5.54	5.55	8580	73.3337	67.1		
55	-1													
56	41	PFTeDA	713.0 > 669.0		5.94e3	0.114		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		3.13e3	0.114		5.58						YES
58	42	N-EtFOSA	526.1 > 168.9		4.45e3	0.114		6.02						YES
59	43	PFHxDA	813 > 769		4.17e3	0.114		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		6.66e3	0.114		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	5.94e3		0.114	1007.986	6.01	6.02	5940	51.5185	47.2		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.13e3		0.114	87.979	5.45	5.59	3130	310.8098	23.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	4.45e3		0.114	120.051	6.40	6.04	4450	324.1359	24.9		
64	93	13C2-PFHxDA-EIS	815 > 769.7	4.17e3		0.114	1310.023	6.36	6.37	4170	27.8046	25.4		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.66e3		0.114	100.447	6.25	6.26	6660	579.8341	44.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.58e3	0.114		6.41						
68	1...	TDCA	498.3>106.9			0.114		4.73						YES
69	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.58e3		0.114	108.100	6.40	6.41	7580	612.6469	47.0		
70	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.114	167.288	4.76	4.63	1650	86.3335	79.0		

EBR 6/1/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

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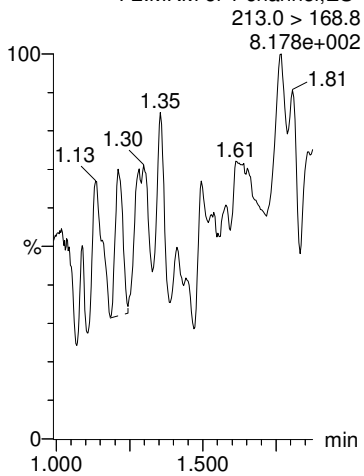
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

PFBA



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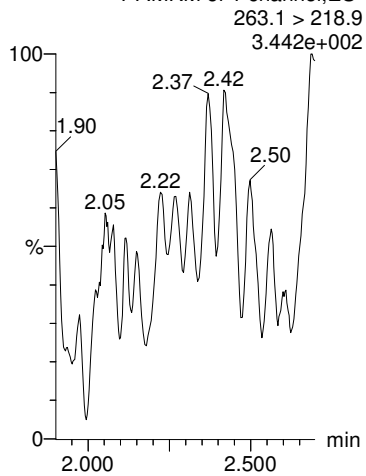

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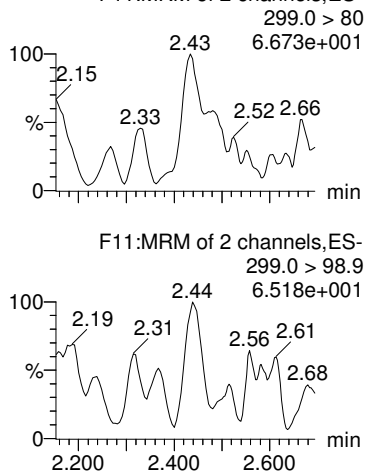
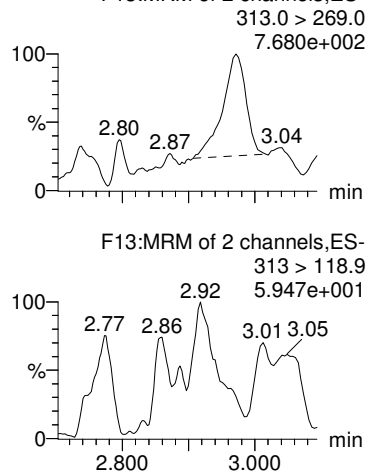


PFHxA



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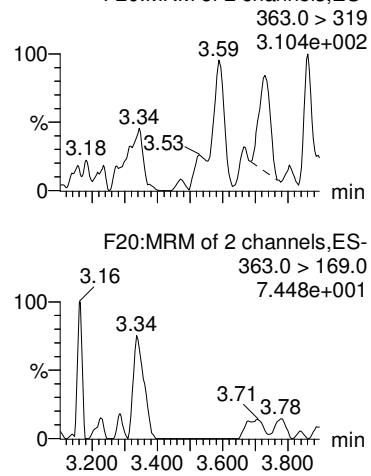
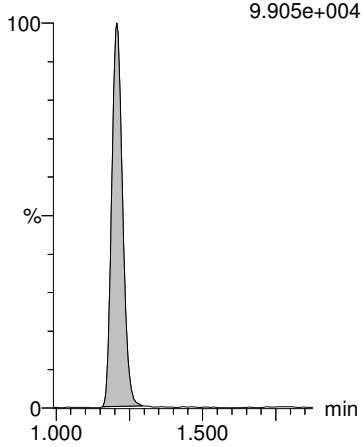


13C3-PFBA-EIS



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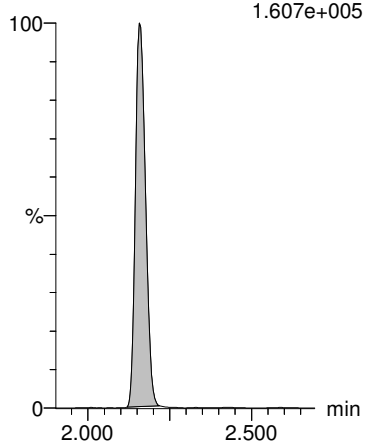
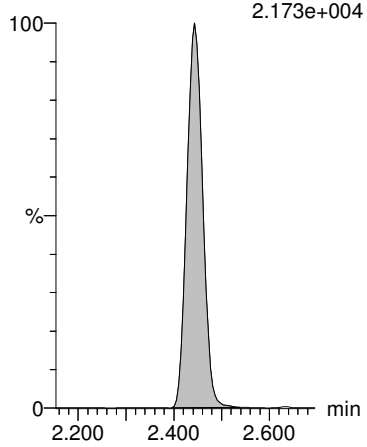


13C3-PFBS-EIS



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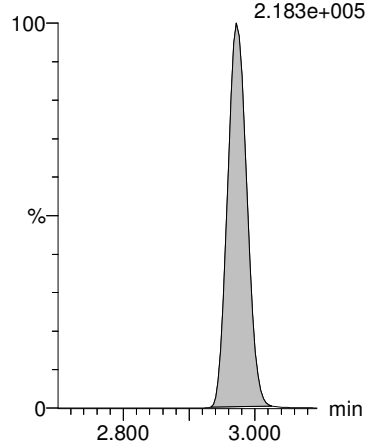
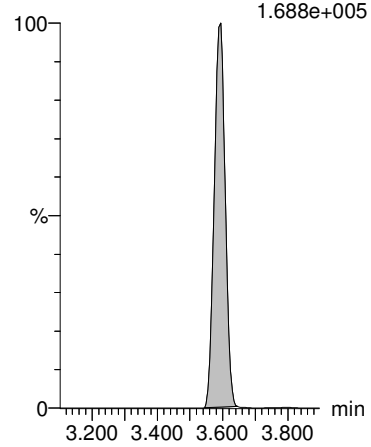


13C4-PFHpA-EIS



FBR 6/1/2020

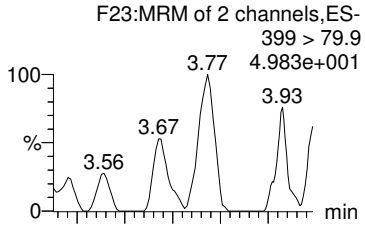
Review: AMR 6/2/2020

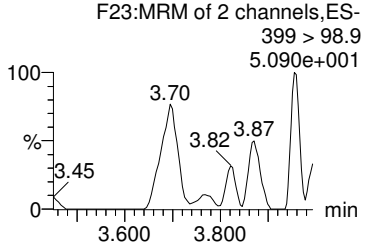
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

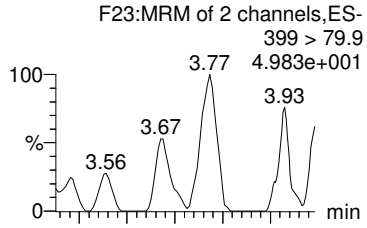
Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

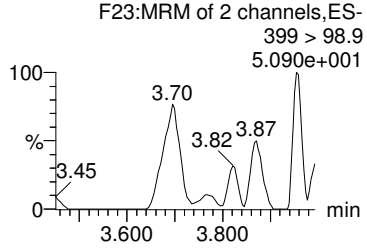
L-PFHxS



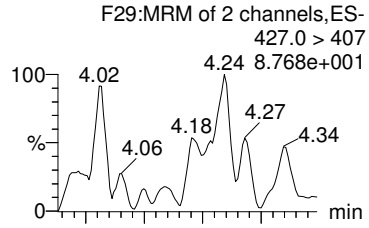


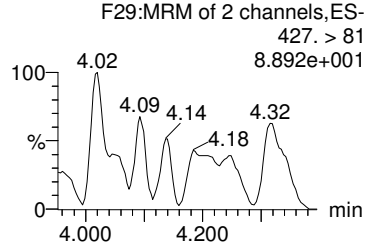
Total PFHxS



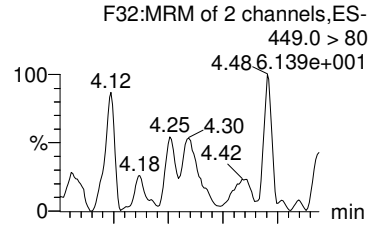


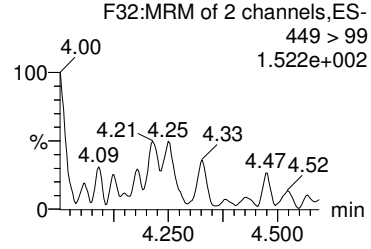
6:2 FTS



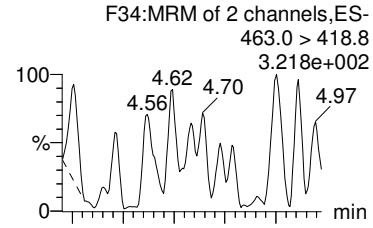


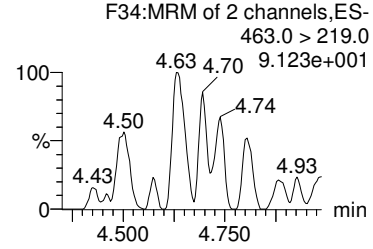
PFHpS



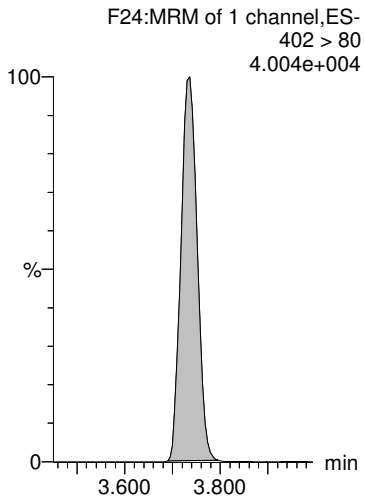


PFNA

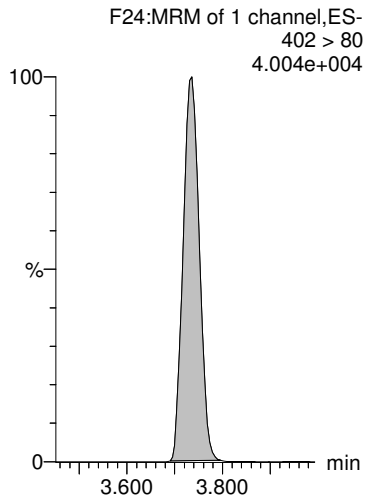




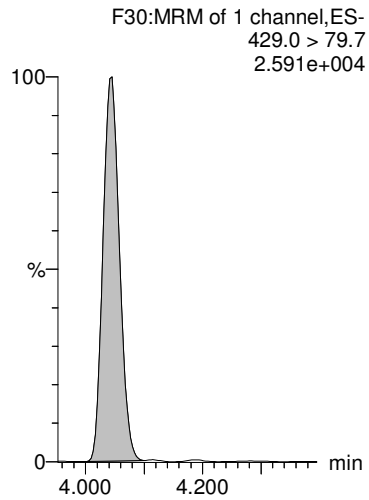
13C3-PFHxS-EIS



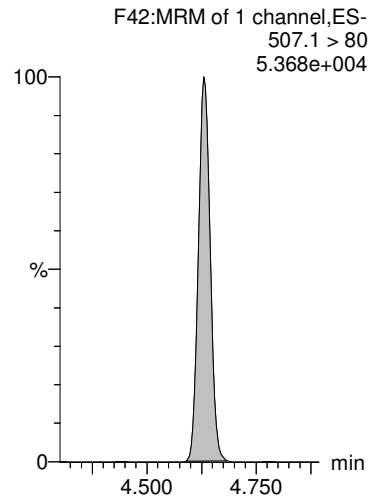
13C3-PFHxS-EIS



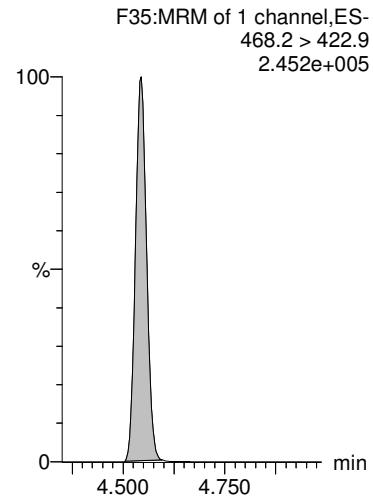
13C2-6:2 FTS-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



EBR 6/1/2020

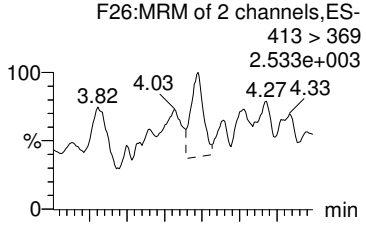
Review: AMR 6/2/2020

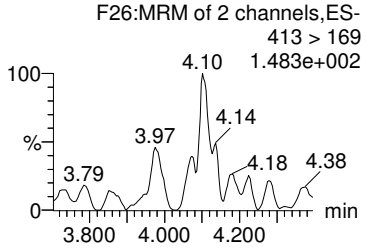
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

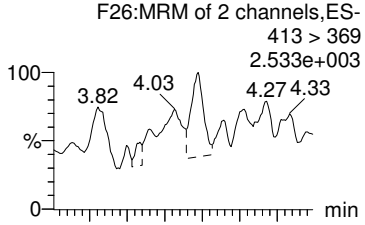
Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

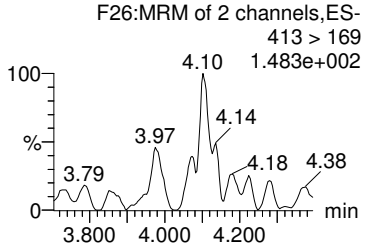
L-PFOA



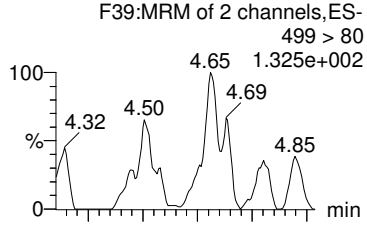


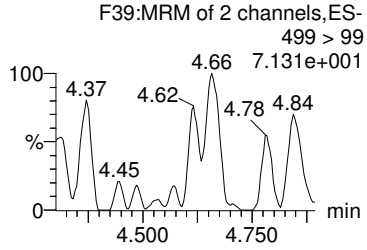
Total PFOA





L-PFOS





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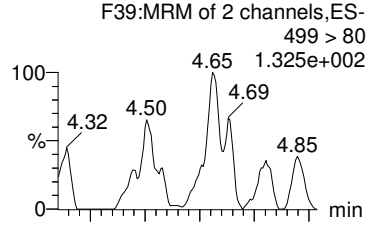
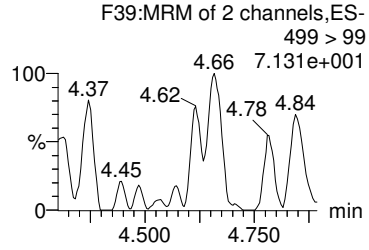
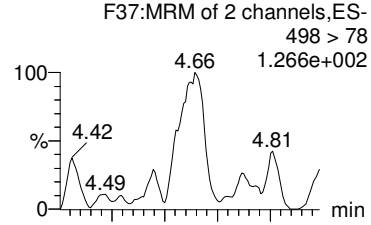
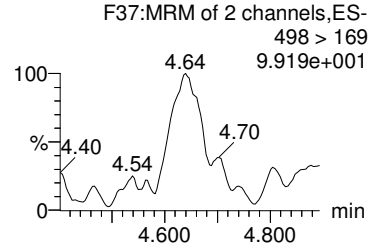




PFOSA





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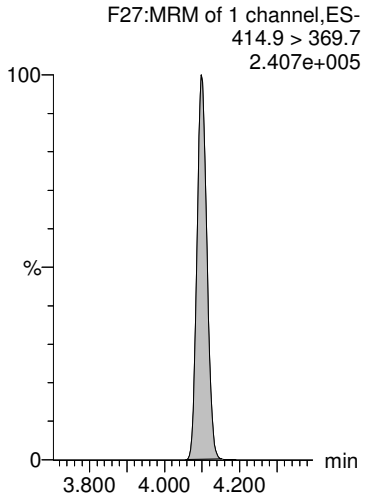

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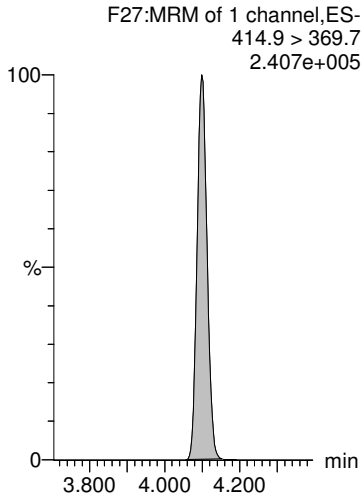
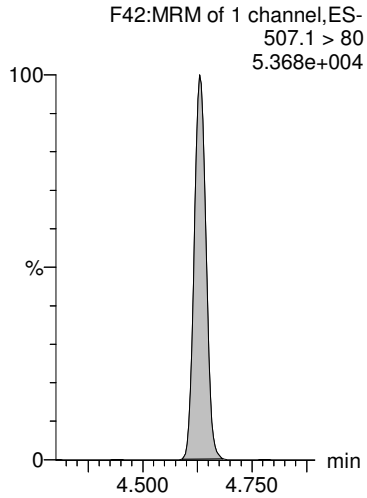
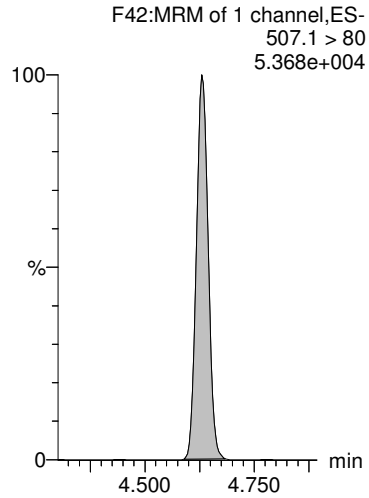


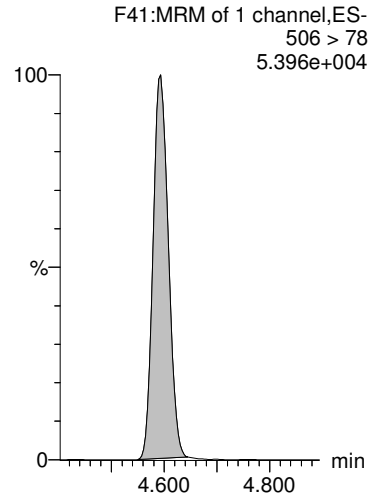
13C8-PFOS-EIS



13C8-PFOS-EIS



13C8-PFOSA-EIS



EBR 6/1/2020

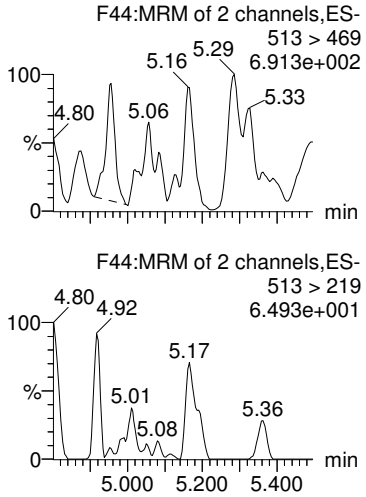
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

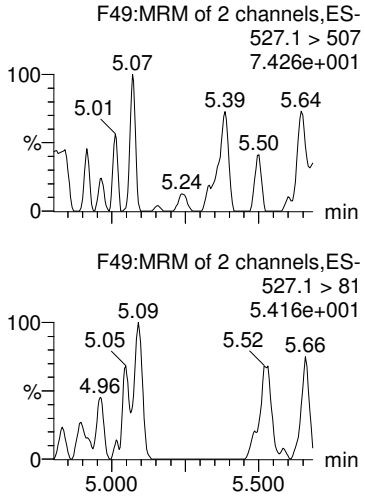
Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

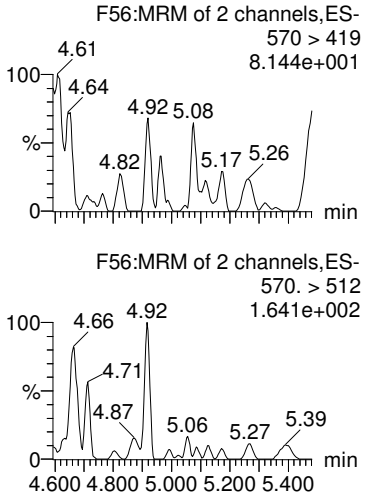
PFDA



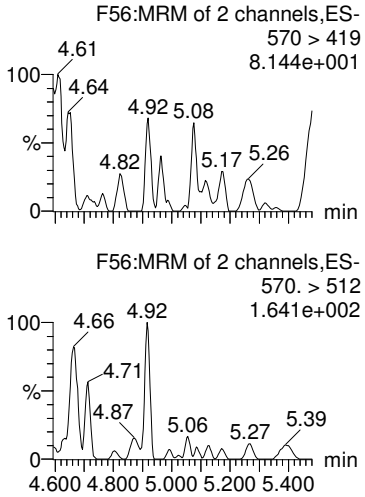
8:2 FTS



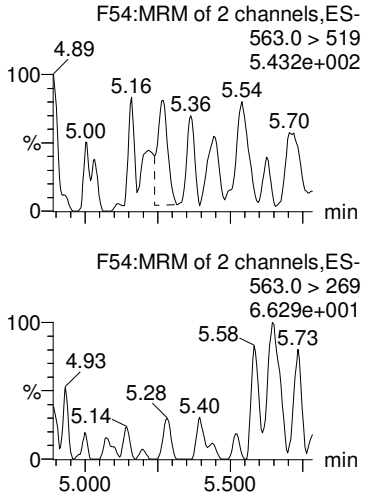
L-MeFOSAA



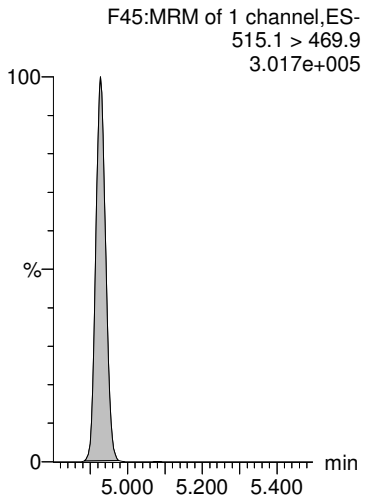
Total N-MeFOSAA



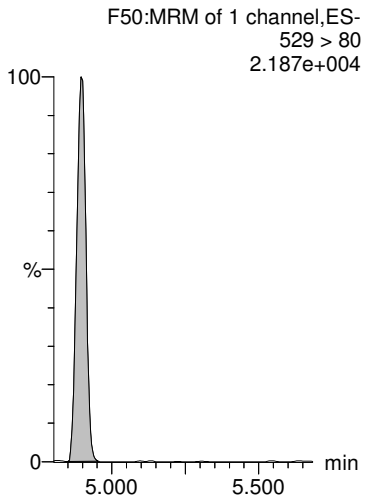
PFUdA



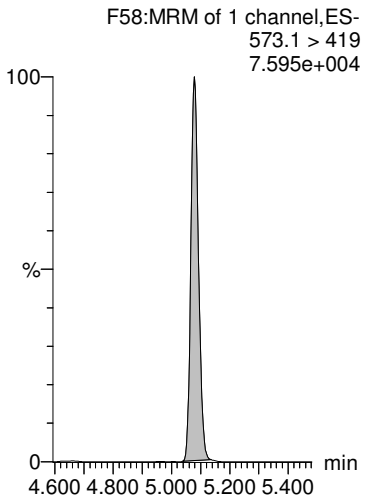
13C2-PFDA-EIS



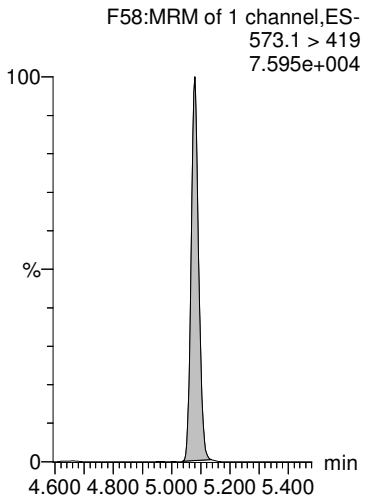
13C2-8:2 FTS-EIS



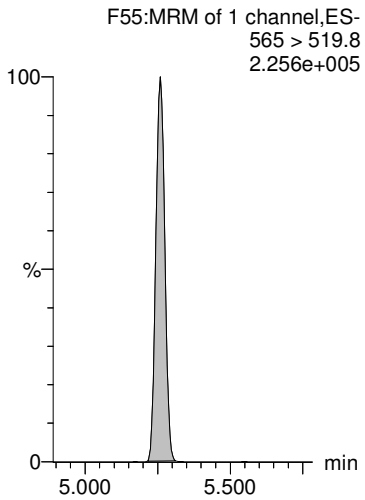
d3-N-MeFOSAA-EIS



d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



FBR 6/1/2020

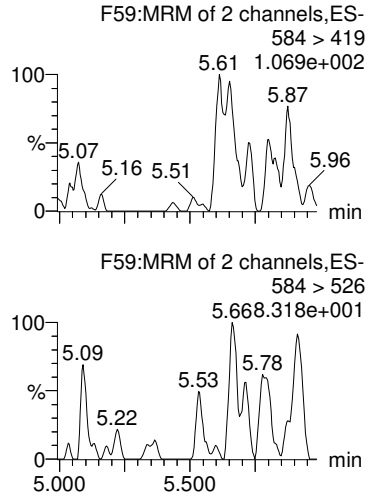
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

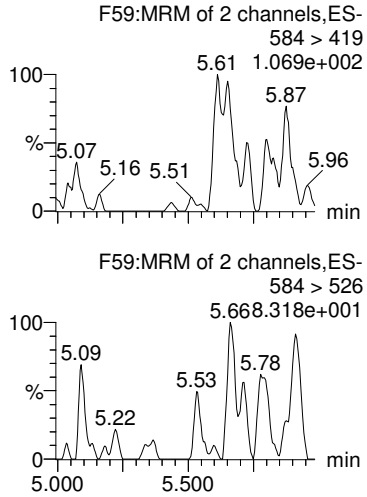
Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

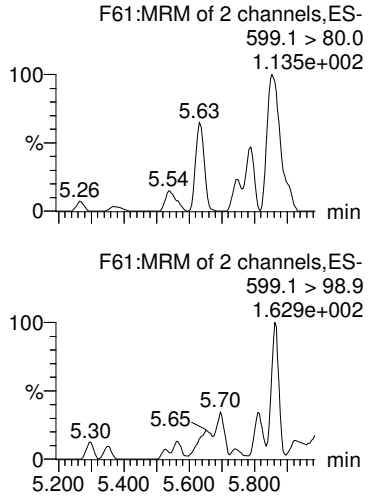
L-EtFOSAA



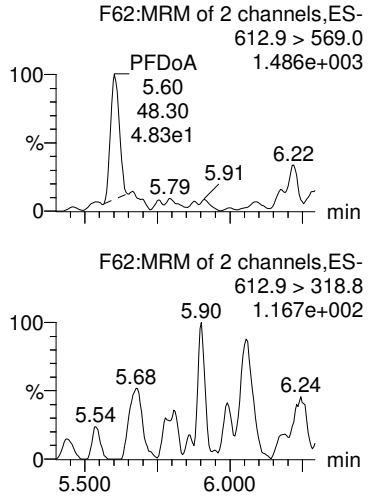
Total N-EtFOSAA



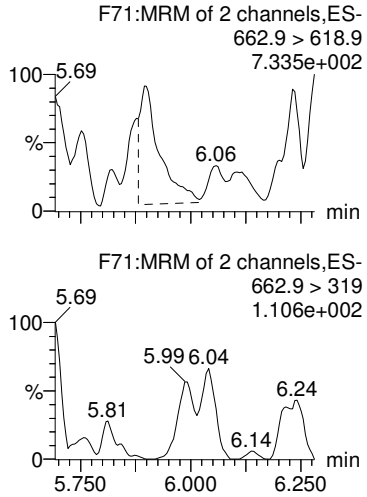
PFDS



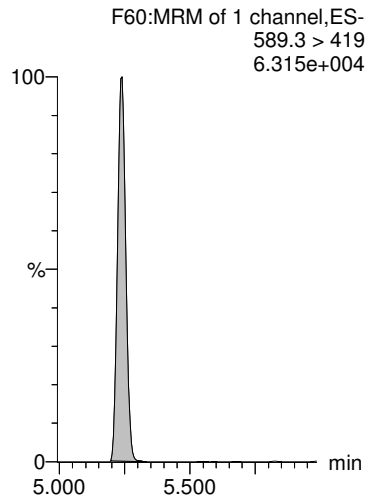
PFDoA



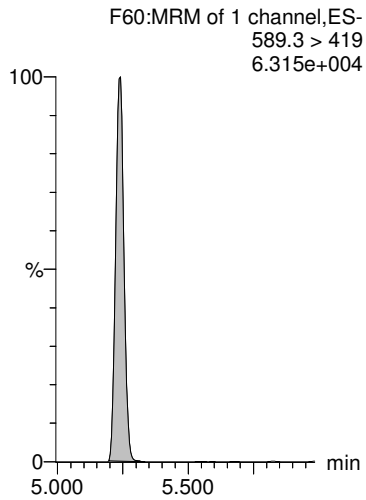
PFTrDA



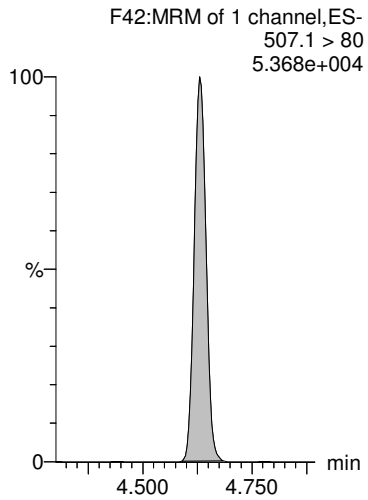
d5-N-EtFOSAA-EIS



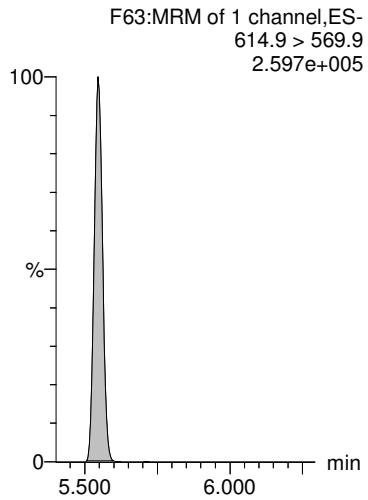
d5-N-EtFOSAA-EIS



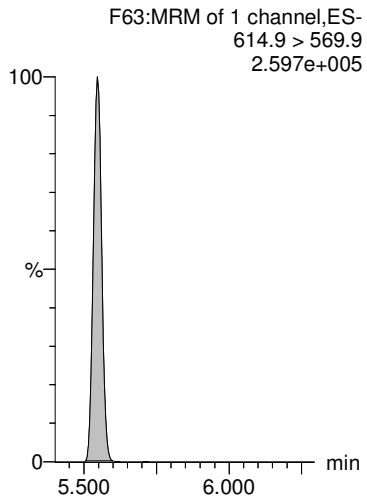
13C8-PFOS-EIS



13C2-PFDoA-EIS



13C2-PFDoA-EIS



FBR 6/1/2020

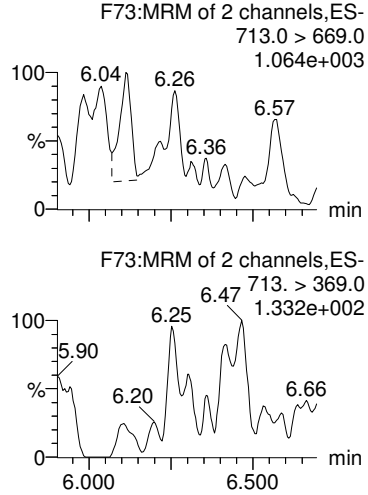
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

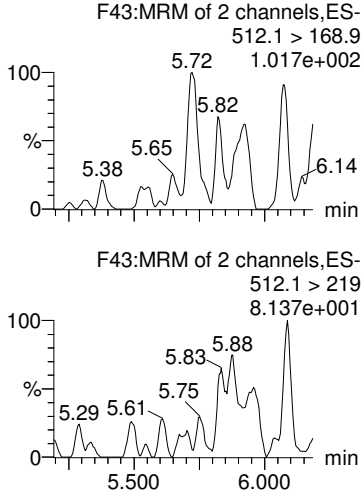
Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

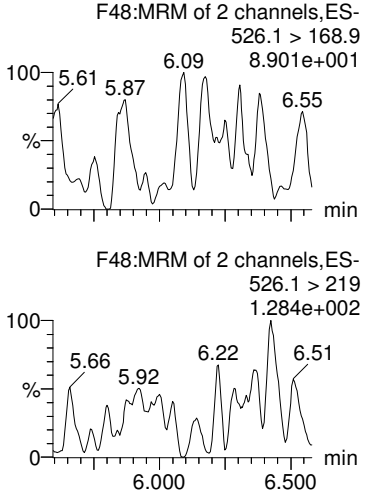
PFTeDA



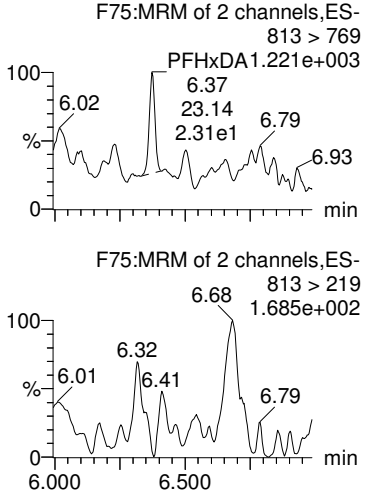
N-MeFOSA



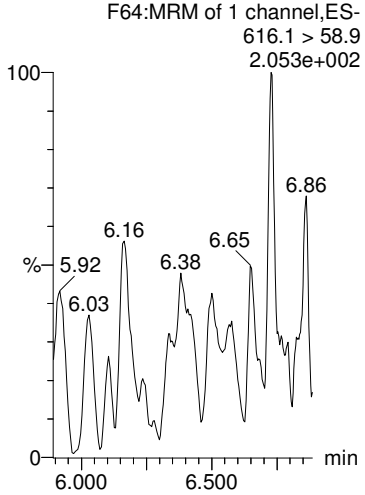
N-EtFOSA



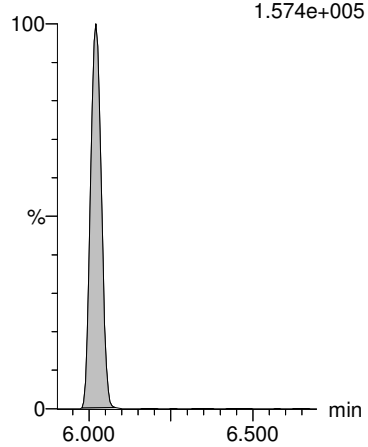
PFHxDA



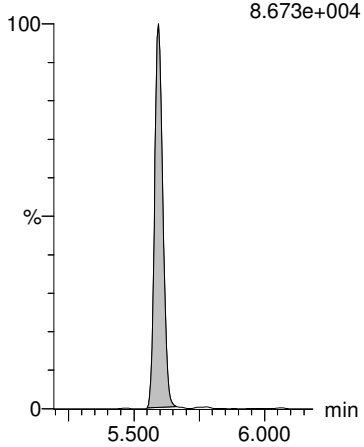
N-MeFOSE



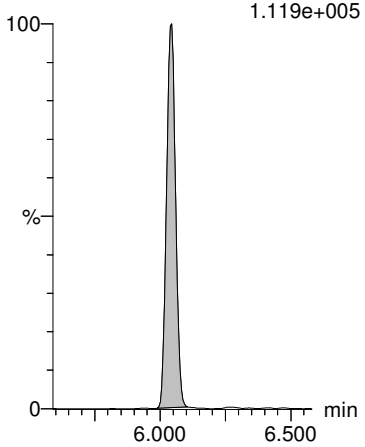
13C2-PFTeDA-EIS



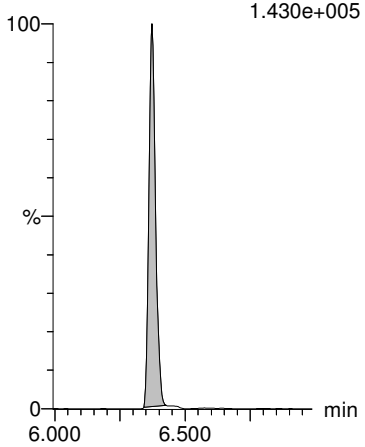
d3-N-MeFOSA-EIS



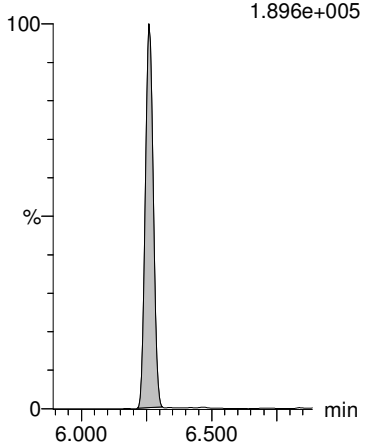
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



EBR 6/1/2020

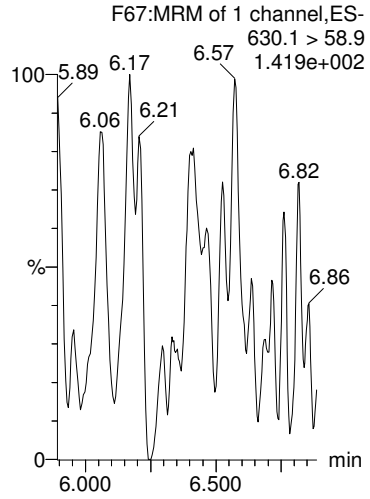
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-29.qld

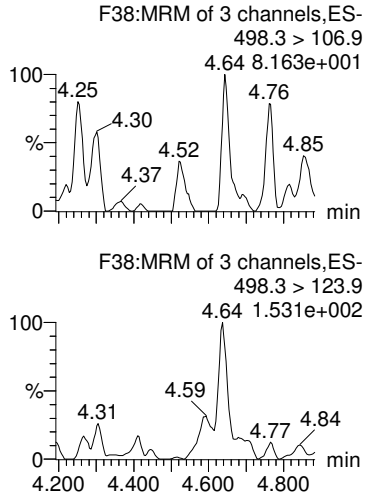
Last Altered: Monday, June 01, 2020 12:08:01 Pacific Daylight Time
Printed: Monday, June 01, 2020 12:08:50 Pacific Daylight Time

Name: 200527P1-29, Date: 27-May-2020, Time: 17:04:23, ID: 2001078-02 GW-EB-Metal filter 0.11441, Description: GW-EB-Metal filter

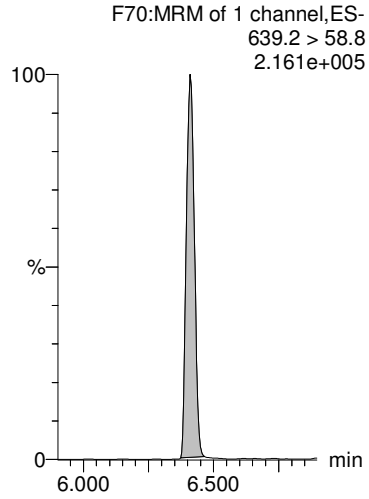
N-EtFOSE



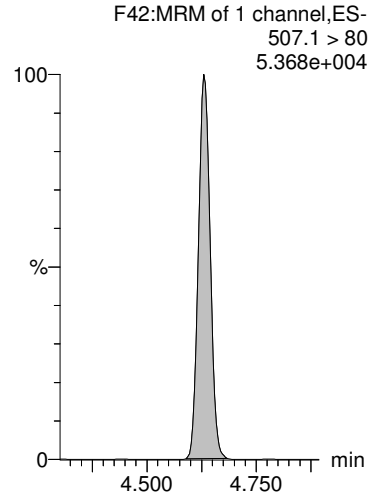
TDCA



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



FBR 6/1/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.44e3	0.115		1.22						
2	4	PFPeA	263.1 > 218.9	2.30e1	6.26e3	0.115		2.17	2.17	0.0459	0.2152			
3	5	PFBS	299.0 > 80		8.34e2	0.115		2.45						YES
4	7	PFHxA	313.0 > 269.0		7.63e3	0.115		2.98						YES
5	11	PFHpA	363.0 > 319		7.24e3	0.115		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.44e3		0.115	289.289	1.22	1.22	4440	133.9341	122.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.26e3		0.115	588.947	2.15	2.17	6260	92.6799	85.0		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.34e2		0.115	81.912	2.43	2.45	834	88.8142	81.4		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.63e3		0.115	849.096	3.15	2.98	7630	78.4274	71.9		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.24e3		0.115	724.419	3.58	3.59	7240	87.2374	80.0		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.64e3	0.115		3.74						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.64e3	0.115		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.80e2	0.115		4.05						YES
15	19	PFHpS	449.0 > 80		1.63e3	0.115		4.25						YES
16	21	PFNA	463.0 > 418.8		8.61e3	0.115		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.64e3		0.115	171.580	3.92	3.74	1640	83.5489	76.6		
18	61	13C3-PFHxS-EIS	402 > 80	1.64e3		0.115	171.580	3.92	3.74	1640	83.5489	76.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.80e2		0.115	92.769	4.50	4.05	980	92.1714	84.5		
20	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.61e3		0.115	827.265	4.74	4.54	8610	90.7550	83.2		
22	-1													
23	16	L-PFOA	413 > 369		7.82e3	0.115		4.10						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.82e3	0.115		4.60		0.000				
25	23	L-PFOS	499 > 80		1.63e3	0.115		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.63e3	0.115		4.60		0.000				
27	22	PFOSA	498 > 78	9.62e1	1.53e3	0.115		4.59	4.59	0.785	10.2864		13.3	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.82e3		0.115	808.136	4.09	4.10	7820	84.4144	77.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.82e3		0.115	808.136	4.09	4.10	7820	84.4144	77.4		
30	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		
31	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		
32	67	13C8-PFOSA-EIS	506 > 78	1.53e3		0.115	257.965	4.59	4.59	1530	51.7992	47.5		
33	-1													
34	26	PFDA	513 > 469		9.89e3	0.115		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.04e2	0.115		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.48e3	0.115		5.08						YES

OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.48e3	0.115		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.78e3	0.115		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.89e3		0.115	1081.744	4.93	4.93	9890	79.7833	73.2		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.04e2		0.115	90.113	4.90	4.90	804	77.8707	71.4		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.48e3		0.115	255.309	5.07	5.08	2480	84.8239	77.8		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.48e3		0.115	255.309	5.07	5.08	2480	84.8239	77.8		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.78e3		0.115	985.591	5.01	5.26	8780	77.7028	71.3		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.33e3	0.115		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.33e3	0.115		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.63e3	0.115		5.25						YES
48	37	PFDoA	612.9 > 569.0		9.08e3	0.115		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.08e3	0.115		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.33e3		0.115	255.567	5.23	5.24	2330	79.6144	73.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.33e3		0.115	255.567	5.23	5.24	2330	79.6144	73.0		
52	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.08e3		0.115	1022.097	5.54	5.55	9080	77.4953	71.1		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.08e3		0.115	1022.097	5.54	5.55	9080	77.4953	71.1		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.86e3	0.115		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		1.29e3	0.115		5.58						YES
58	42	N-EtFOSA	526.1 > 168.9		1.54e3	0.115		6.02						YES
59	43	PFHxDA	813 > 769		4.76e3	0.115		6.38						YES
60	45	N-MeFOSE	616.1 > 58.9		5.68e3	0.115		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.86e3		0.115	1007.986	6.01	6.02	6860	59.3950	54.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.29e3		0.115	87.979	5.45	5.59	1290	127.7120	9.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.54e3		0.115	120.051	6.40	6.04	1540	112.2072	8.6		
64	93	13C2-PFHxDA-EIS	815 > 769.7	4.76e3		0.115	1310.023	6.36	6.38	4760	31.6651	29.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.68e3		0.115	100.447	6.25	6.26	5680	493.1941	37.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.87e3	0.115		6.41						
68	1...	TDCA	498.3>106.9			0.115		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		
70	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		
71	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		OPV FOR FBR 6/3/2020
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.87e3		0.115	108.100	6.40	6.41	6870	554.7497	42.6		

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.115	167.288	4.76	4.63	1630	84.9384	77.9		

OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

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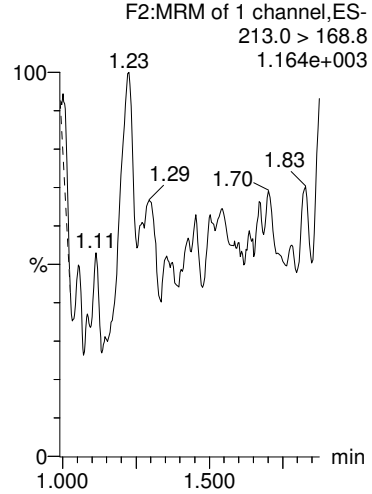
Calibration: P:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

PFBA



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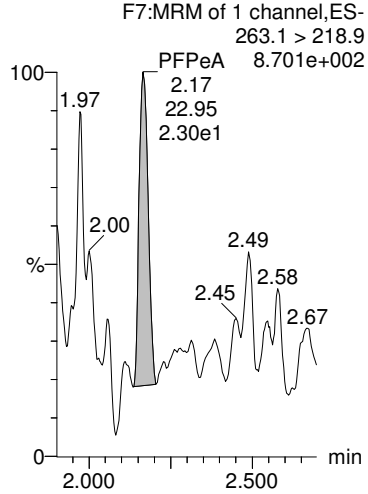

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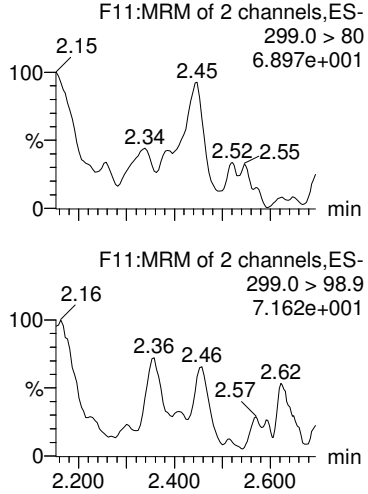

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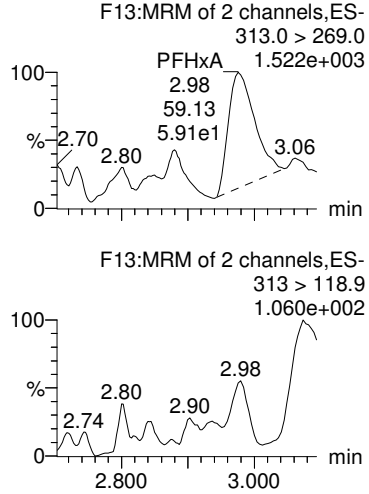

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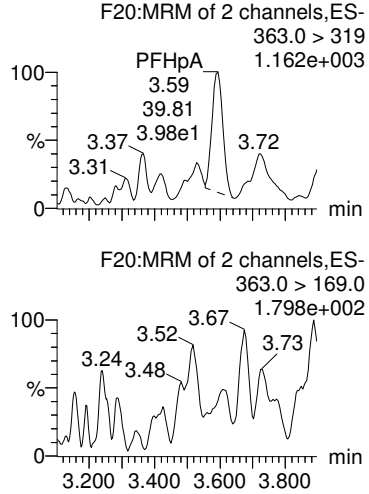

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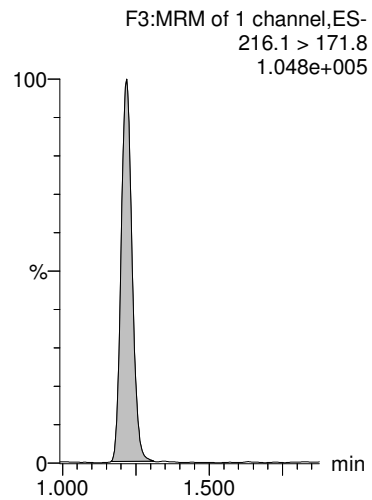

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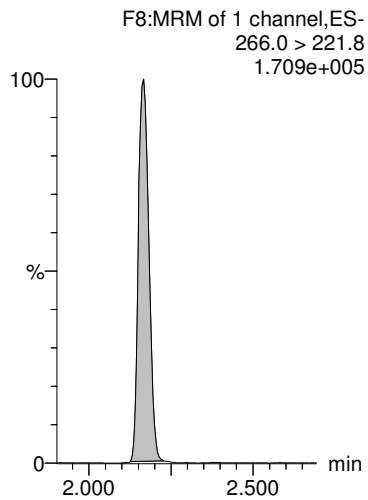

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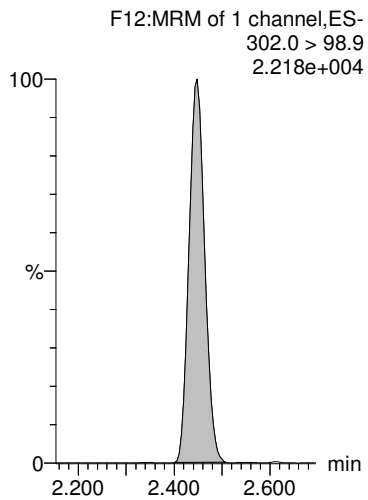

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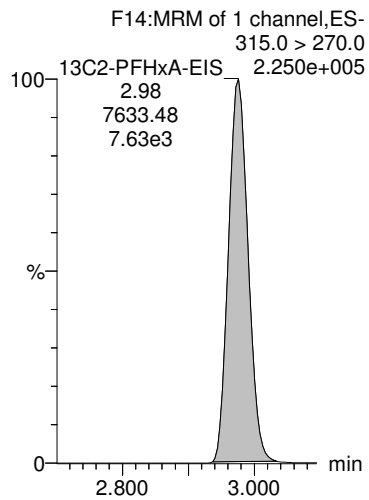

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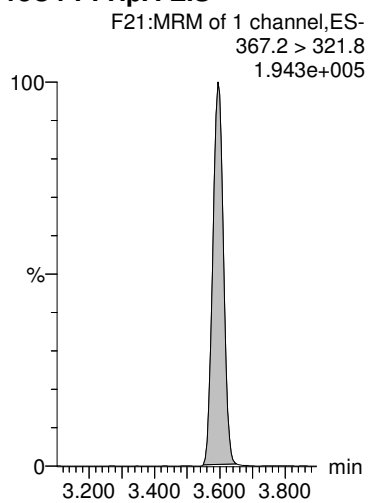


OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

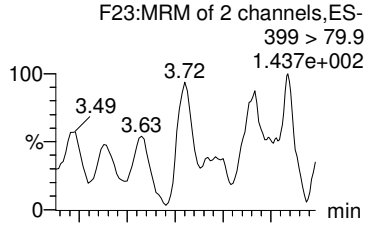
Review: AMR 6/3/2020

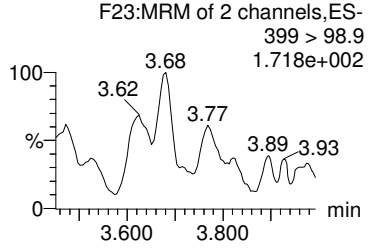
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

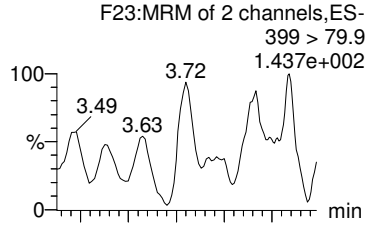
Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

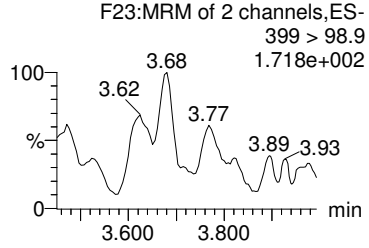
L-PFHxS



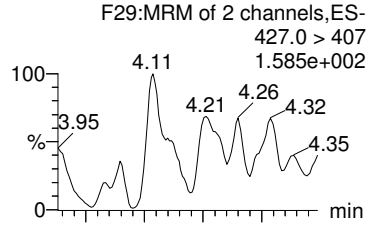


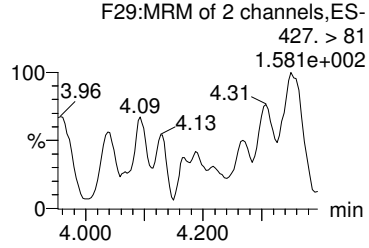
Total PFHxS



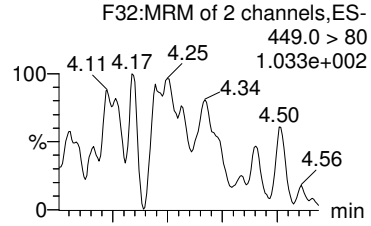


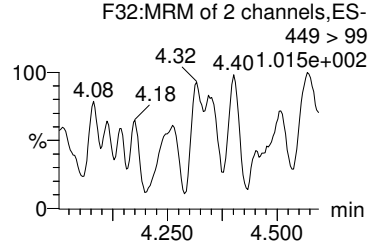
6:2 FTS





PFHpS





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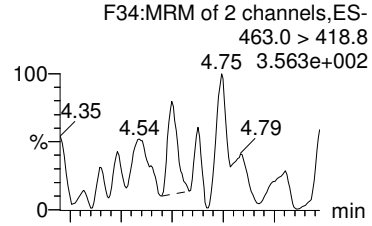

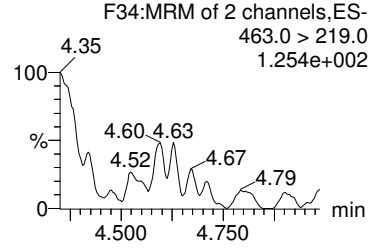

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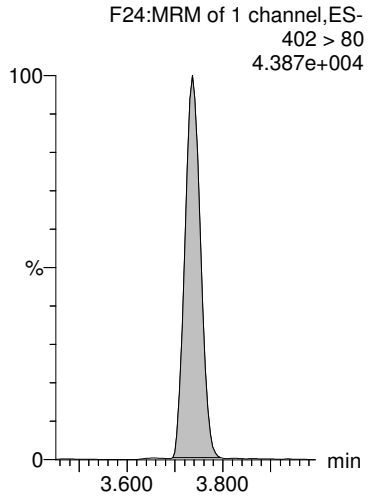

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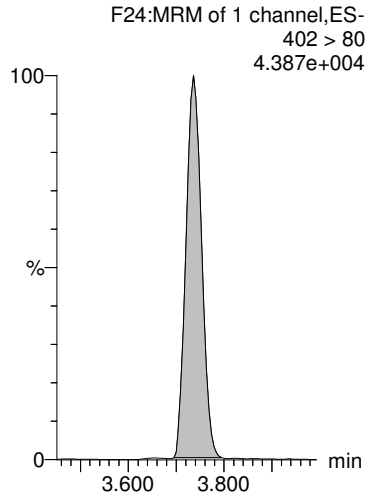

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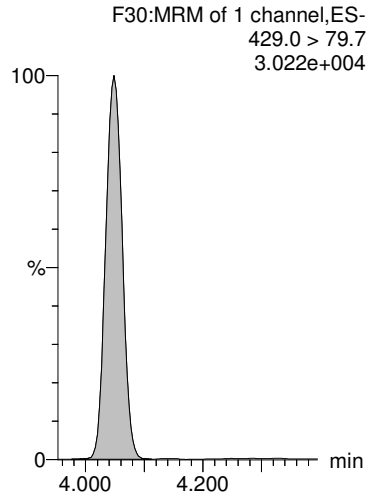

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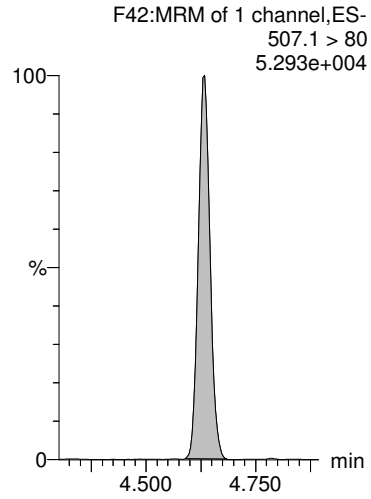

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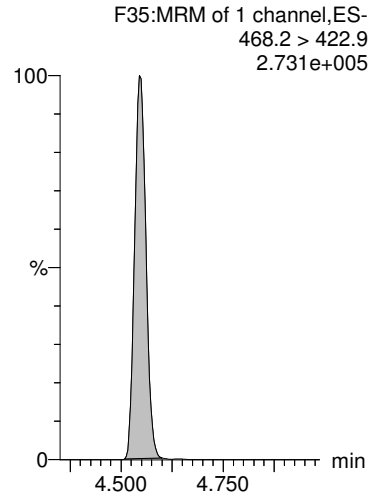


OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

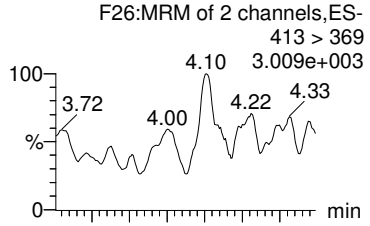
Review: AMR 6/3/2020

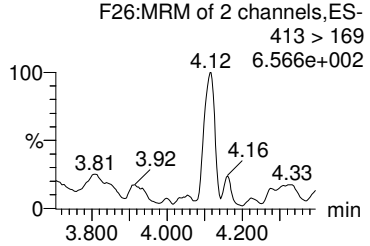
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

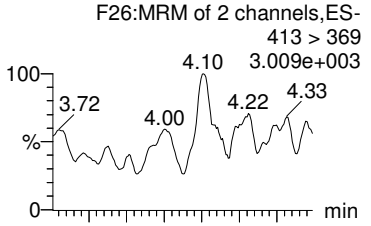
Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

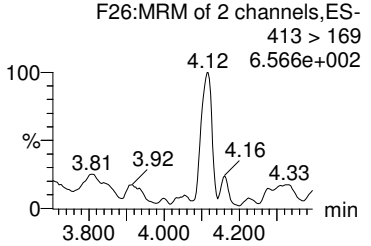
L-PFOA



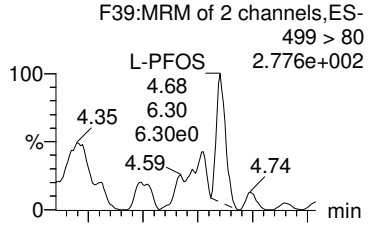


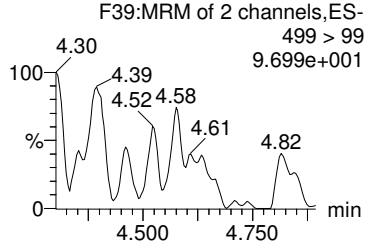
Total PFOA





L-PFOS





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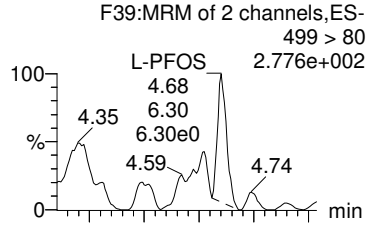

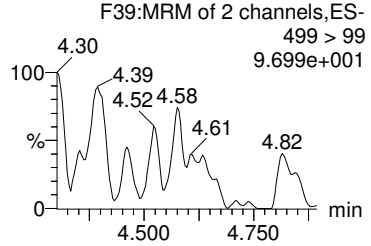

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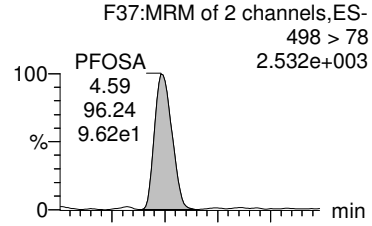

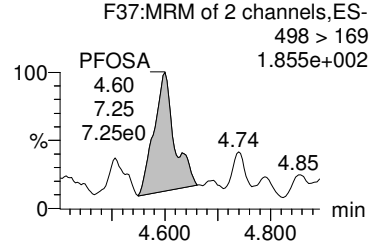

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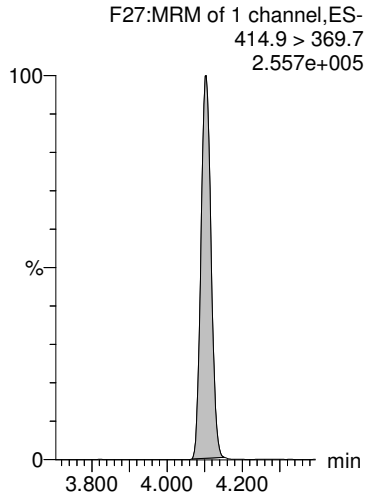

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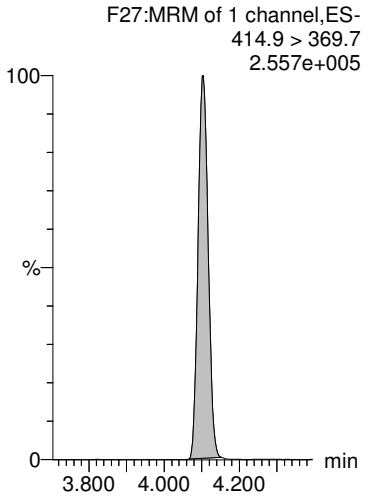

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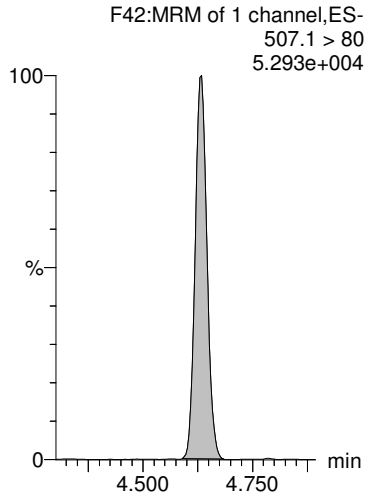
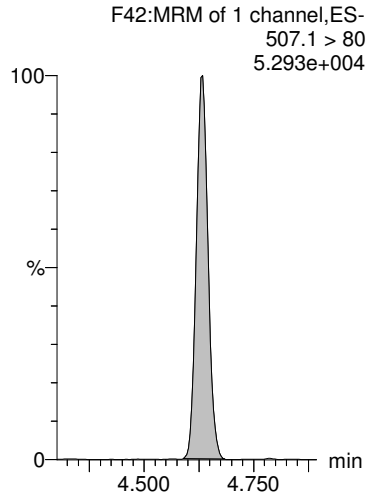
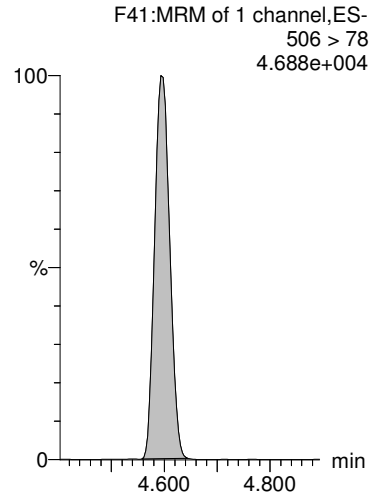


13C8-PFOS-EIS



13C8-PFOSA-EIS



OPV FOR FBR 6/3/2020

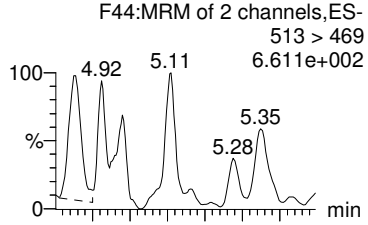
Review: AMR 6/3/2020

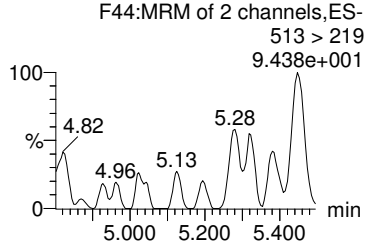
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

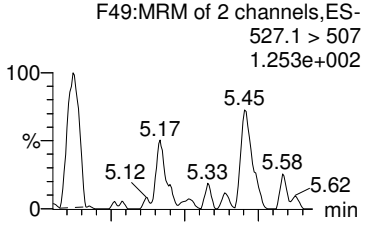
Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

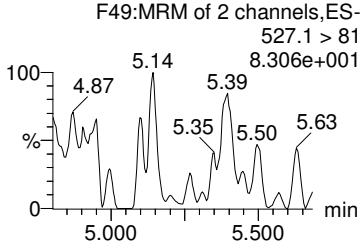
PFDA



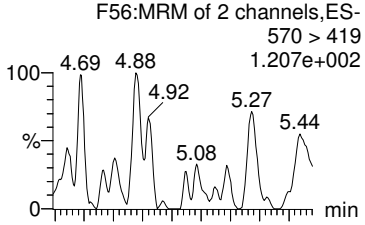


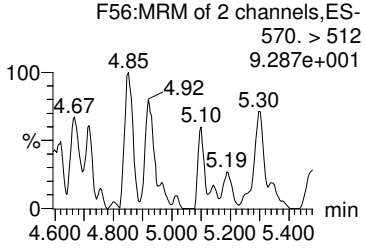
8:2 FTS





L-MeFOSAA





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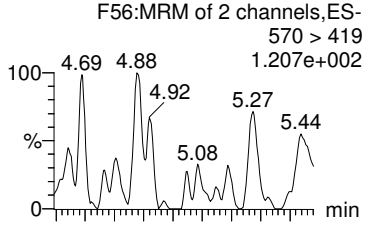
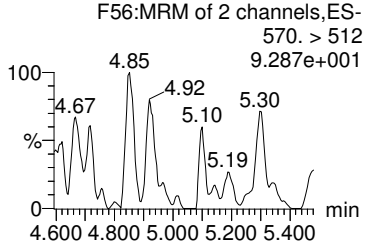
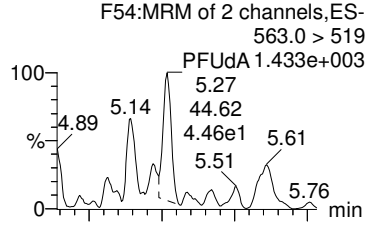
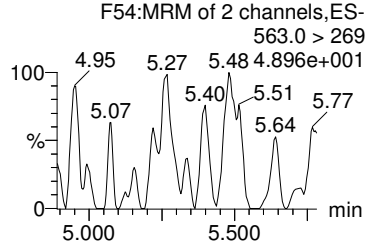




PFUdA





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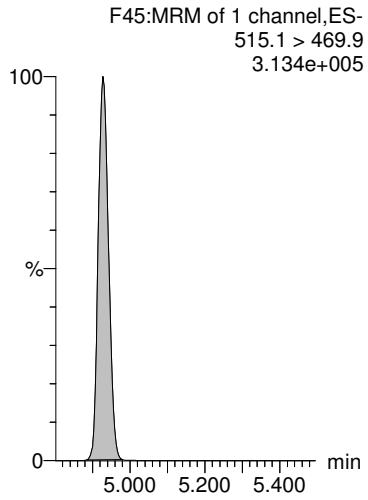
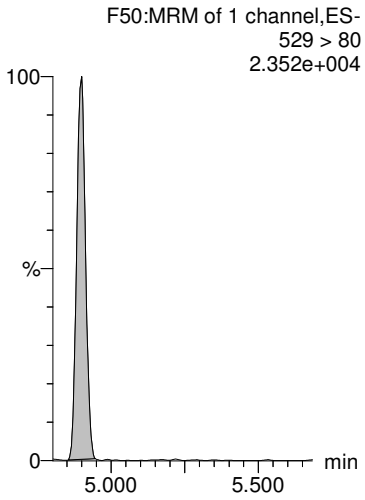
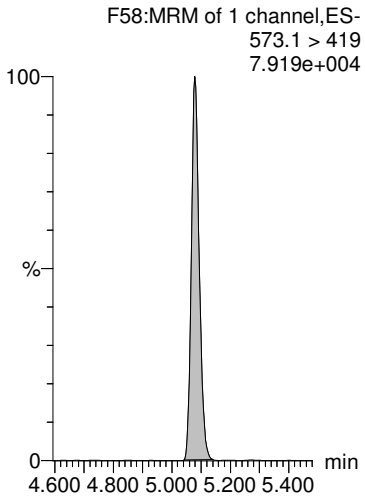


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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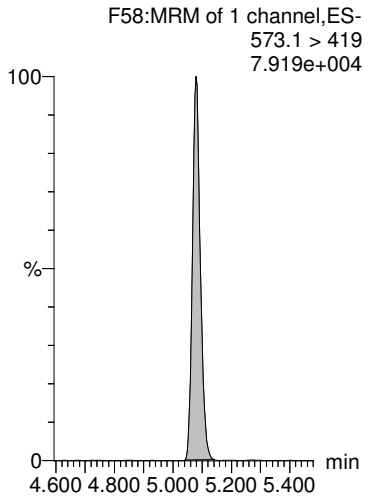

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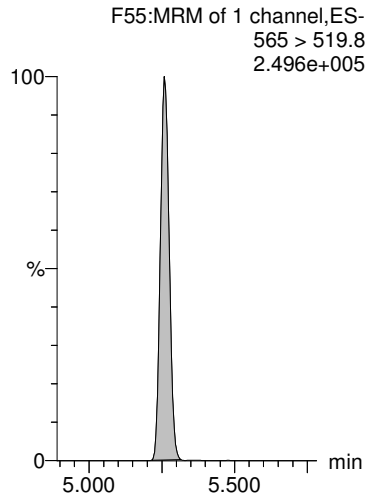


OPV FOR FBR 6/3/2020

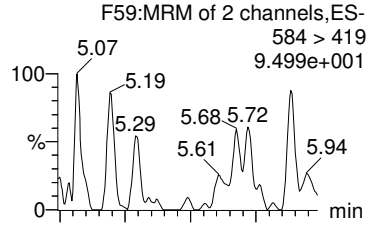
Review: AMR 6/3/2020

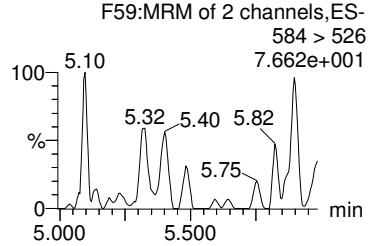
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

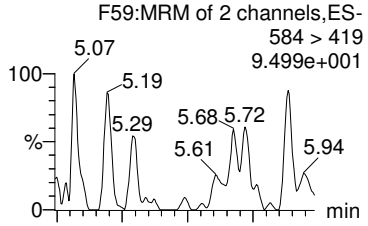
Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

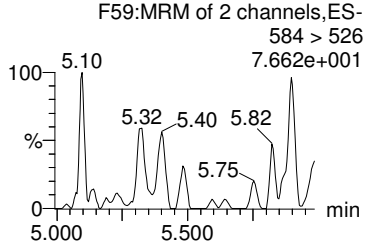
L-EtFOSAA





Total N-EtFOSAA





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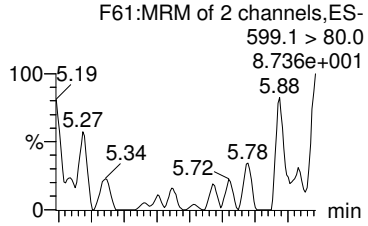
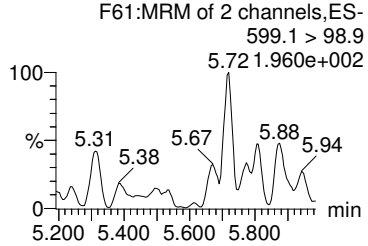
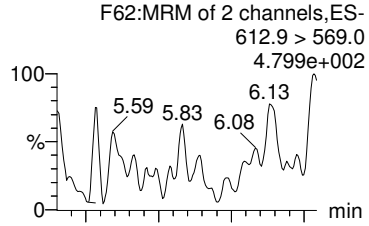
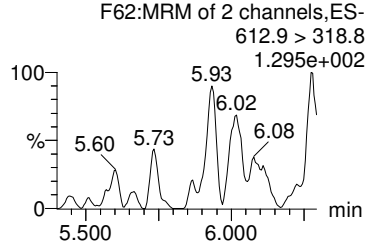




PFDoA





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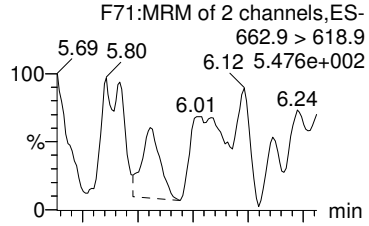
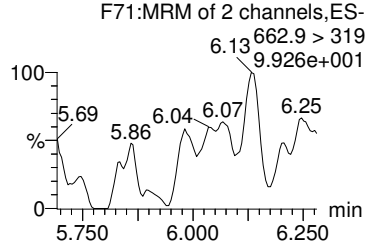
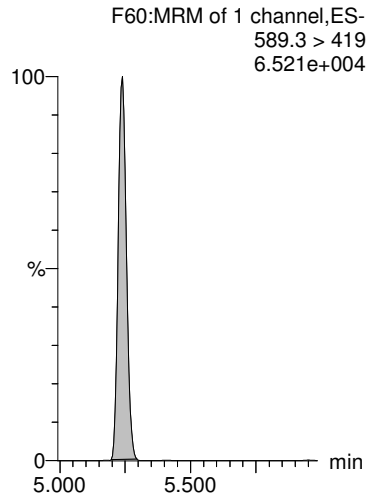




d5-N-EtFOSAA-EIS



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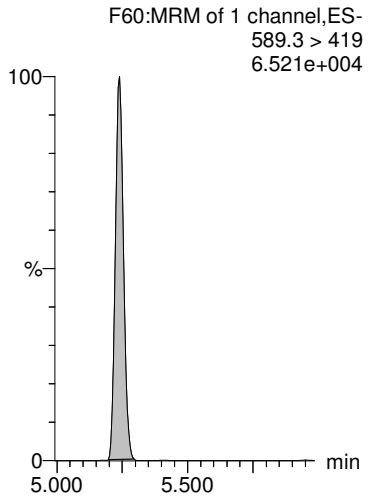

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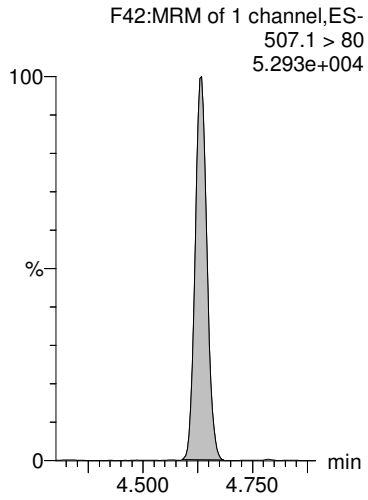
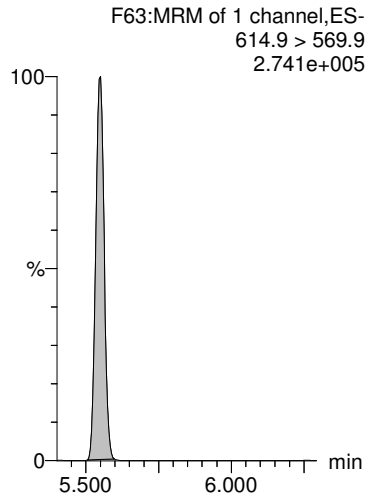


13C2-PFDoA-EIS



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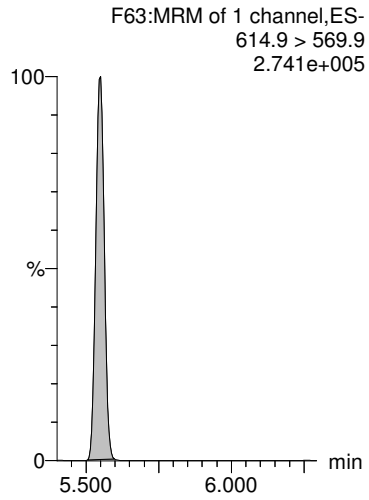


OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

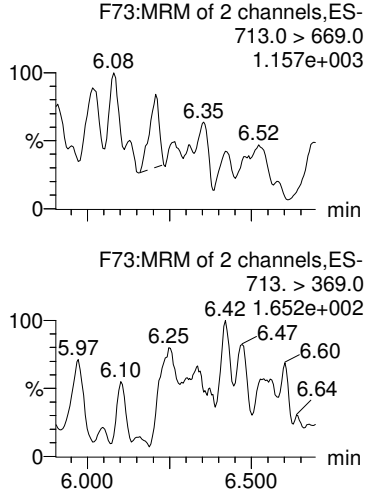
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

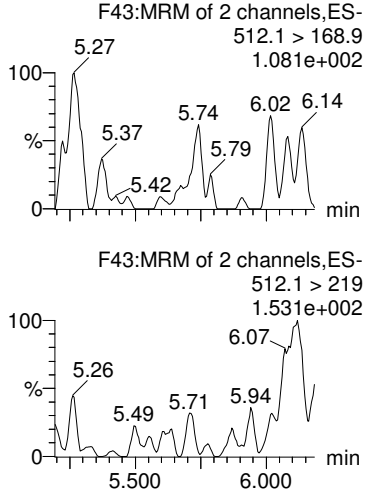
Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

PFTeDA



N-MeFOSA



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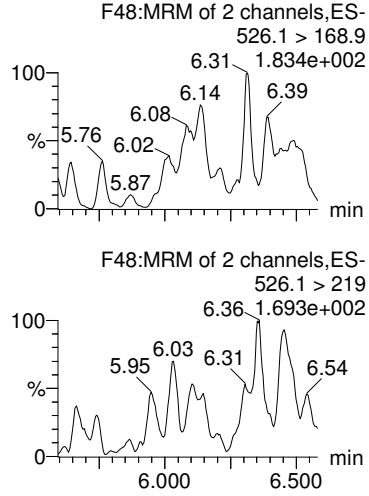

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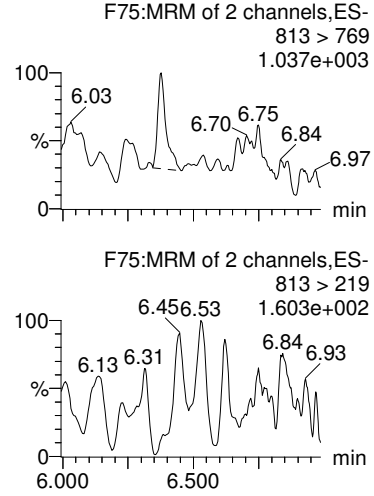
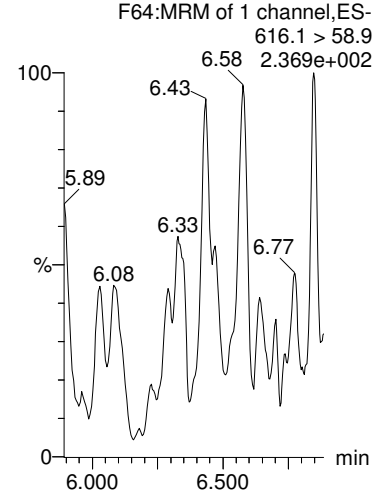


N-MeFOSE



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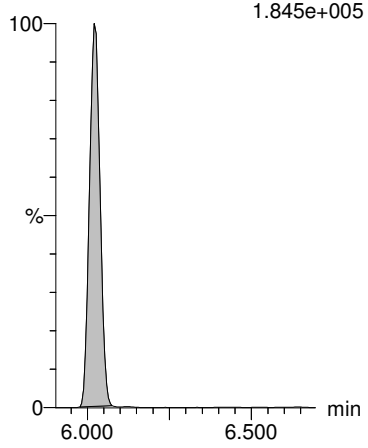

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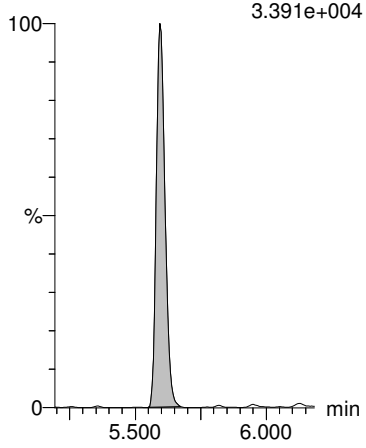

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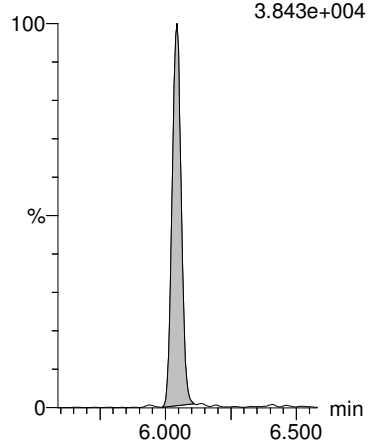

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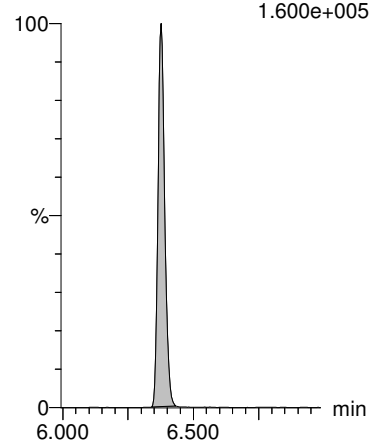
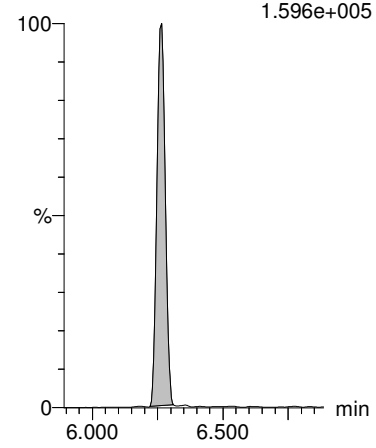


d7-N-MeFOSE-EIS



OPV FOR FBR 6/3/2020

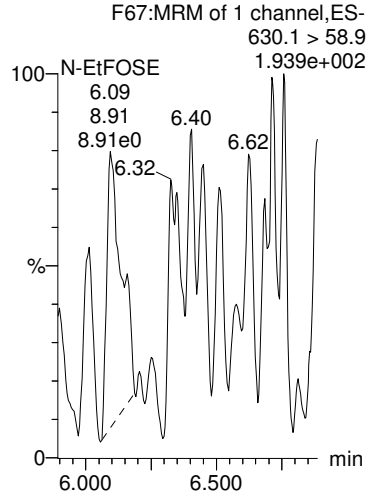
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-30.qld

Last Altered: Wednesday, June 03, 2020 08:32:34 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:32:49 Pacific Daylight Time

Name: 200527P1-30, Date: 27-May-2020, Time: 17:14:53, ID: 2001078-03 GW-FPC-4B 0.11463, Description: GW-FPC-4B

N-EtFOSE



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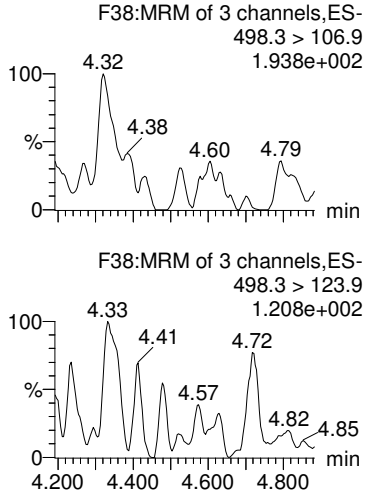

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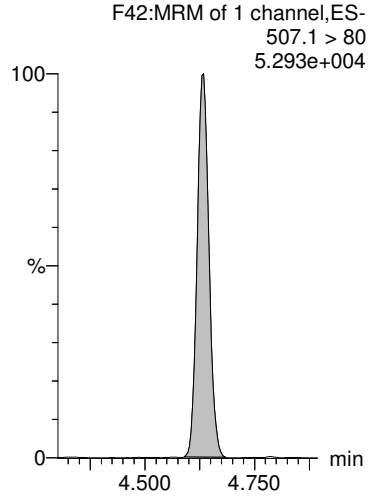

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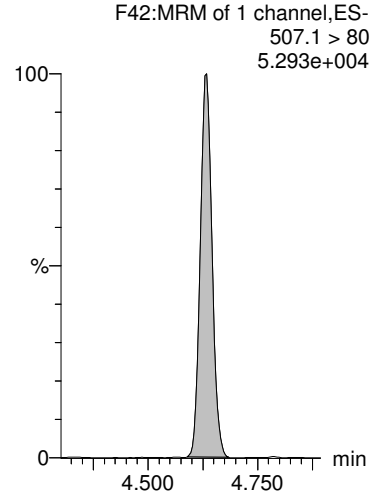

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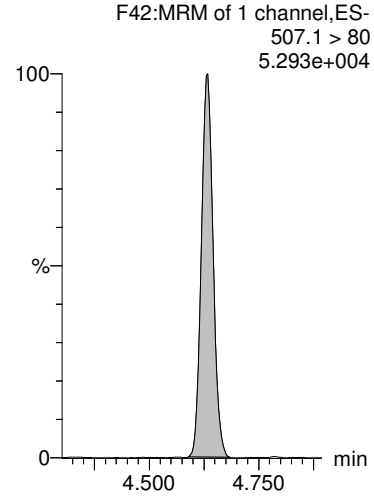

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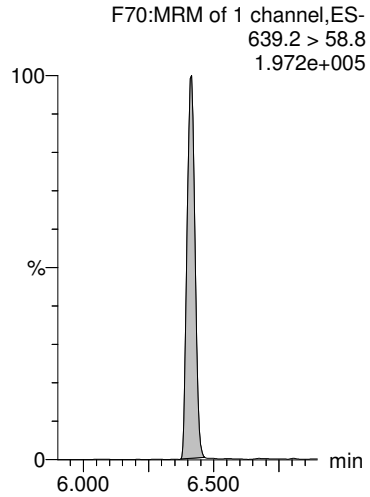
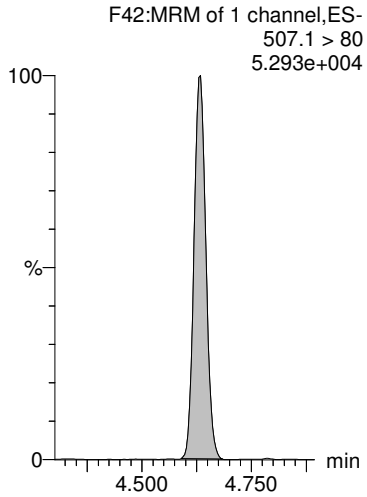


13C8-PFOS-EIS



OPV FOR FBR 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-31.qld

Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
Printed: Monday, June 01, 2020 13:07:12 Pacific Daylight Time

Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.27e3	0.118		1.21						
2	4	PFPeA	263.1 > 218.9		6.01e3	0.118		2.16						
3	5	PFBS	299.0 > 80		8.38e2	0.118		2.44						YES
4	7	PFHxA	313.0 > 269.0		7.49e3	0.118		2.97						YES
5	11	PFHpA	363.0 > 319		6.67e3	0.118		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.27e3		0.118	289.289	1.22	1.21	4270	125.3808	118.1		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.01e3		0.118	588.947	2.15	2.16	6010	86.7277	81.7		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.38e2		0.118	81.912	2.43	2.44	838	86.8660	81.8		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.49e3		0.118	849.096	3.15	2.97	7490	74.8793	70.5		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.67e3		0.118	724.419	3.58	3.59	6670	78.1527	73.6		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.42e3	0.118		3.73						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.42e3	0.118		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.50e2	0.118		4.04						YES
15	19	PFHpS	449.0 > 80		1.53e3	0.118		4.25						YES
16	21	PFNA	463.0 > 418.8		8.17e3	0.118		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.42e3		0.118	171.580	3.92	3.73	1420	70.3757	66.3		
18	61	13C3-PFHxS-EIS	402 > 80	1.42e3		0.118	171.580	3.92	3.73	1420	70.3757	66.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.50e2		0.118	92.769	4.50	4.04	950	87.0057	82.0		
20	71	13C8-PFOS-EIS	507.1 > 80	1.53e3		0.118	167.288	4.76	4.63	1530	77.6931	73.2		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.17e3		0.118	827.265	4.74	4.54	8170	83.8669	79.0		
22	-1													
23	16	L-PFOA	413 > 369		7.31e3	0.118		4.09						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.31e3	0.118		4.60		0.000				
25	23	L-PFOS	499 > 80		1.53e3	0.118		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.53e3	0.118		4.60		0.000				
27	22	PFOSA	498 > 78		1.41e3	0.118		4.59						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.31e3		0.118	808.136	4.09	4.09	7310	76.8609	72.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.31e3		0.118	808.136	4.09	4.09	7310	76.8609	72.4		
30	71	13C8-PFOS-EIS	507.1 > 80	1.53e3		0.118	167.288	4.76	4.63	1530	77.6931	73.2		
31	71	13C8-PFOS-EIS	507.1 > 80	1.53e3		0.118	167.288	4.76	4.63	1530	77.6931	73.2		
32	67	13C8-PFOSA-EIS	506 > 78	1.41e3		0.118	257.965	4.59	4.59	1410	46.4383	43.7		
33	-1													
34	26	PFDA	513 > 469		9.34e3	0.118		4.93						YES
35	27	8:2 FTS	527.1 > 507		7.73e2	0.118		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.23e3	0.118		5.08						YES

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Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-31.qld

Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
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Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.23e3	0.118		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.47e3	0.118		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.34e3		0.118	1081.744	4.93	4.93	9340	73.2994	69.1		
40	75	13C2-8:2 FTS-EIS	529 > 80	7.73e2		0.118	90.113	4.90	4.90	773	72.8368	68.6		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.23e3		0.118	255.309	5.07	5.08	2230	74.2396	69.9		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.23e3		0.118	255.309	5.07	5.08	2230	74.2396	69.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.47e3		0.118	985.591	5.01	5.26	8470	72.9765	68.7		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.22e3	0.118		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.22e3	0.118		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.53e3	0.118		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.75e3	0.118		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.75e3	0.118		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.22e3		0.118	255.567	5.23	5.24	2220	73.6347	69.4		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.22e3		0.118	255.567	5.23	5.24	2220	73.6347	69.4		
52	71	13C8-PFOS-EIS	507.1 > 80	1.53e3		0.118	167.288	4.76	4.63	1530	77.6931	73.2		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.75e3		0.118	1022.097	5.54	5.55	8750	72.6656	68.5		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.75e3		0.118	1022.097	5.54	5.55	8750	72.6656	68.5		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.00e3	0.118		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		2.32e3	0.118		5.58						YES
58	42	N-EtFOSA	526.1 > 168.9		3.30e3	0.118		6.02						YES
59	43	PFHxDA	813 > 769		7.25e3	0.118		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9	8.69e0	5.98e3	0.118		6.26	6.25	0.217				
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.00e3		0.118	1007.986	6.01	6.02	7000	58.9759	55.6		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.32e3		0.118	87.979	5.45	5.59	2320	223.8895	17.7		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.30e3		0.118	120.051	6.40	6.04	3300	233.3887	18.4		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.25e3		0.118	1310.023	6.36	6.37	7250	46.9796	44.3		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.98e3		0.118	100.447	6.25	6.26	5980	505.4123	39.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.19e3	0.118		6.41						
68	1...	TDCA	498.3>106.9			0.118		4.73						YES
69	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.19e3		0.118	108.100	6.40	6.41	7190	564.8500	44.6		
70	71	13C8-PFOS-EIS	507.1 > 80	1.53e3		0.118	167.288	4.76	4.63	1530	77.6931	73.2		

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Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-31.qld

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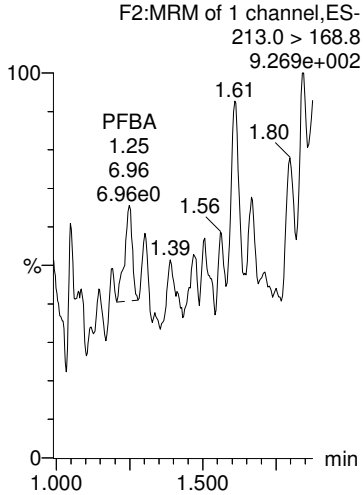
Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

PFBA



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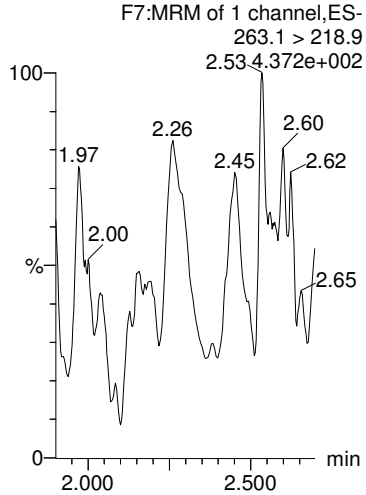

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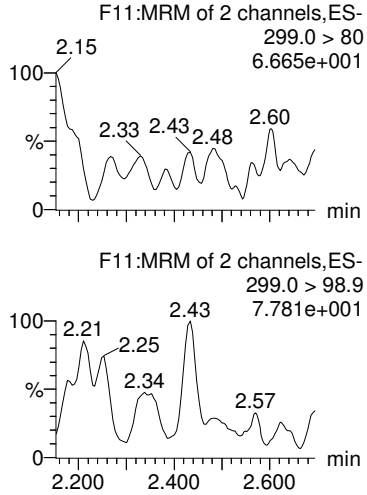

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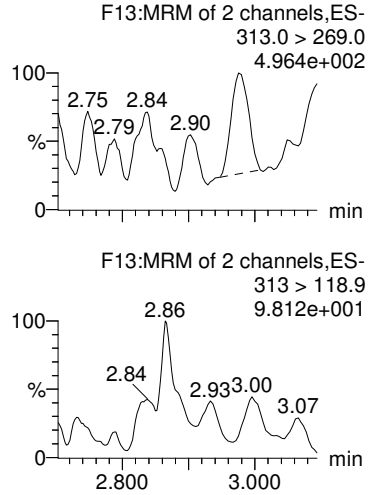

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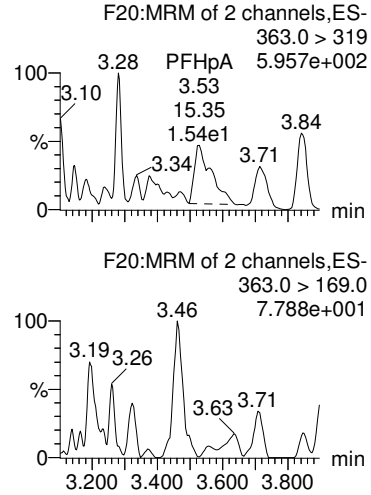

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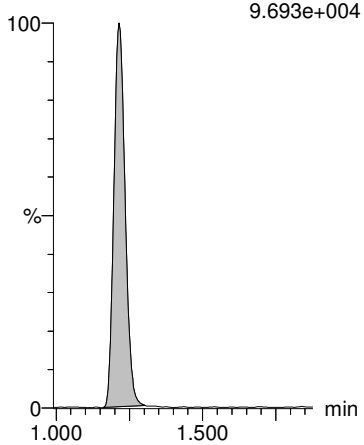

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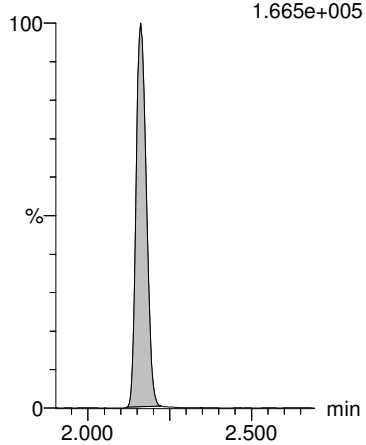

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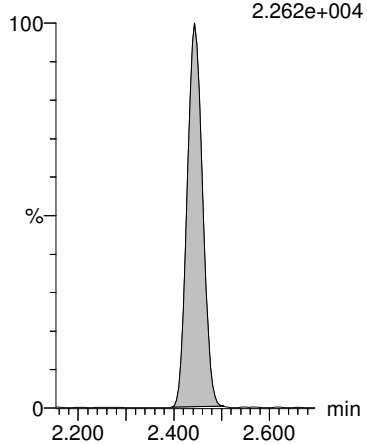

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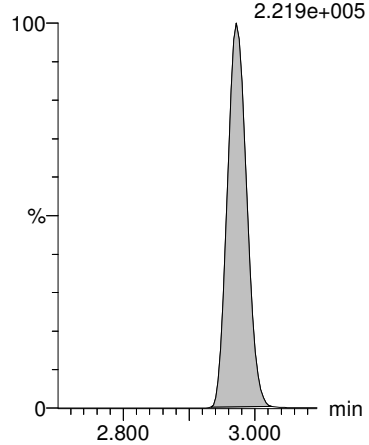

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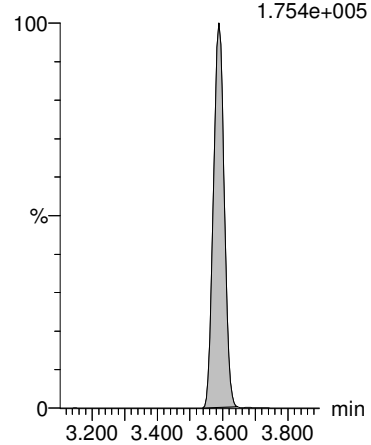

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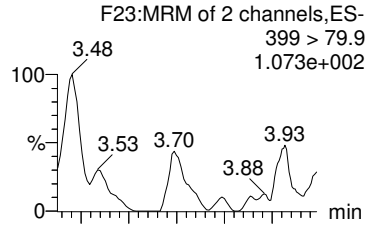
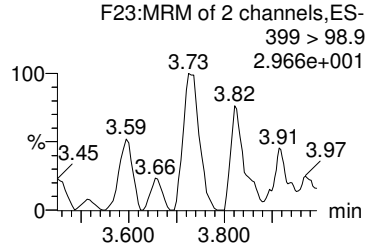
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-31.qld

Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
Printed: Monday, June 01, 2020 13:07:12 Pacific Daylight Time

Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

L-PFHxS





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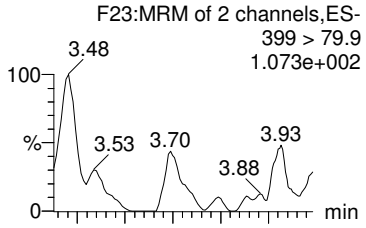
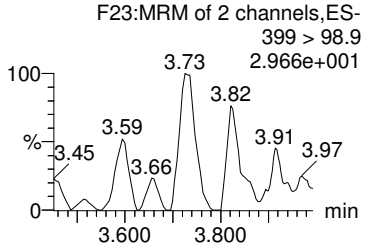
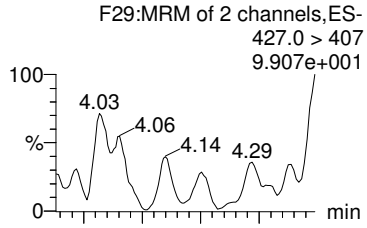
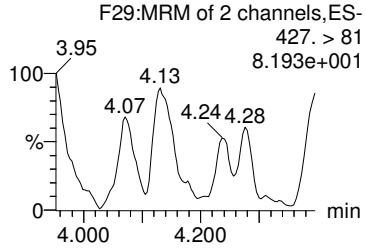




6:2 FTS





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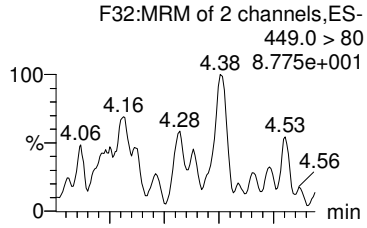

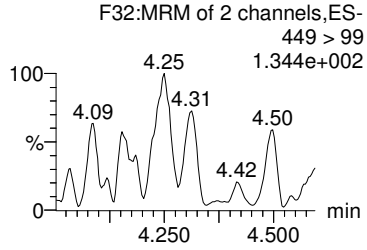

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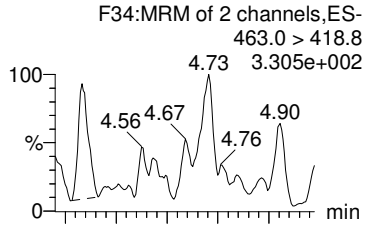

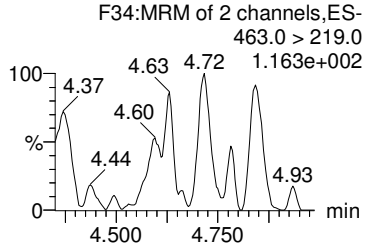

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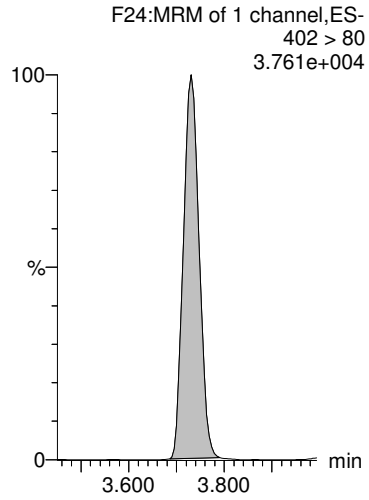

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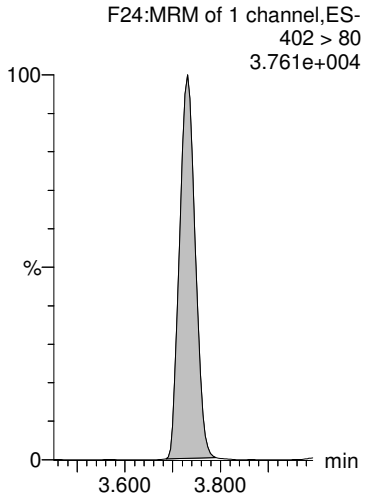

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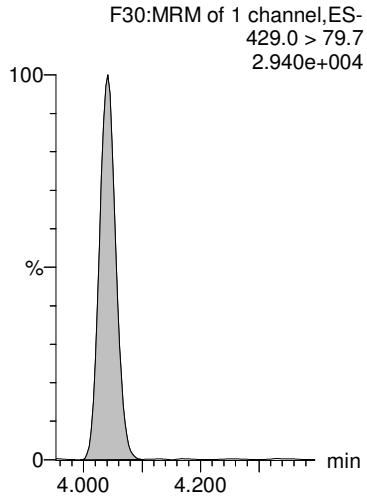

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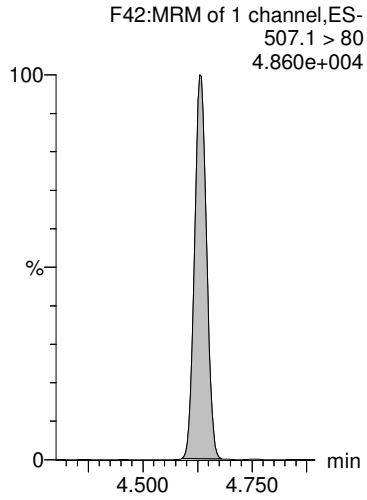

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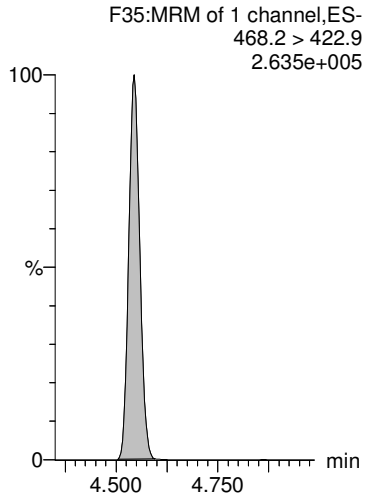

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Review: AMR 6/2/2020

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Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
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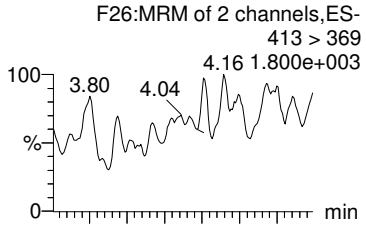
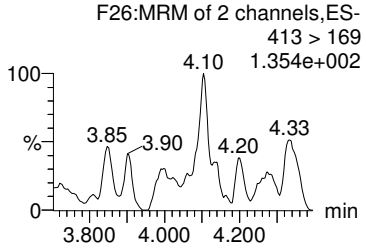
Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

L-PFOA





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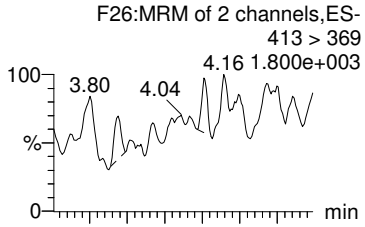
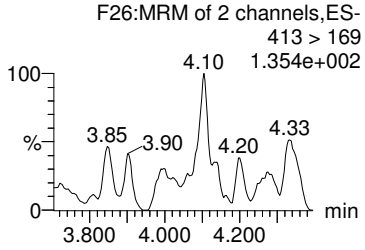
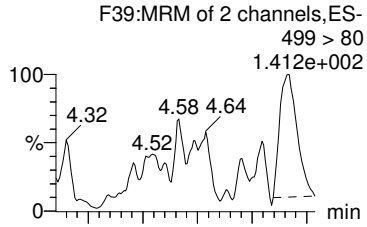
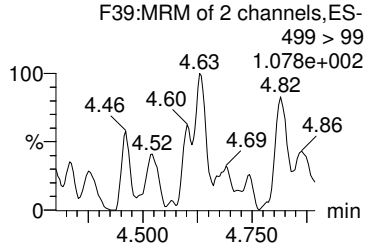


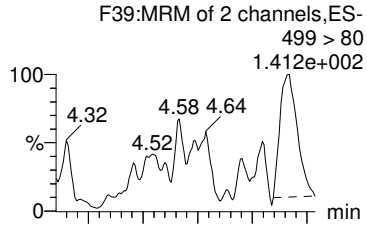


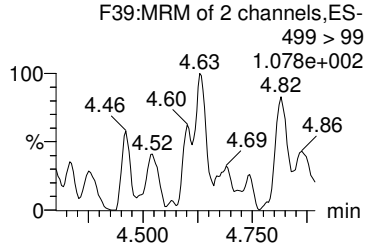
L-PFOS



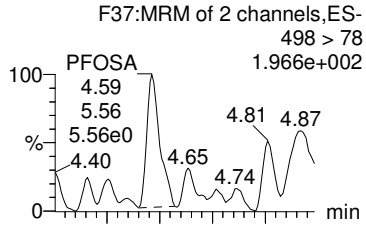


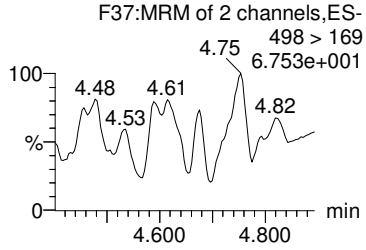
Total PFOS



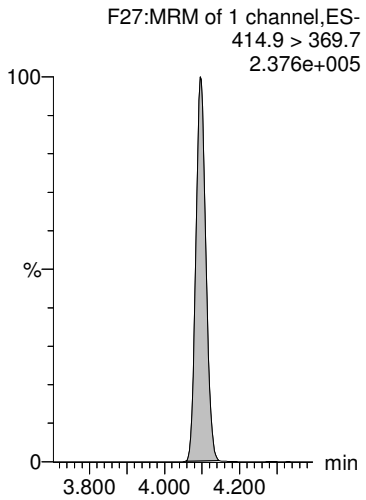


PFOSA





13C2-PFOA-EIS



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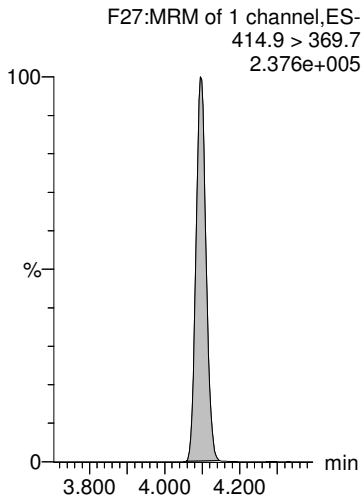
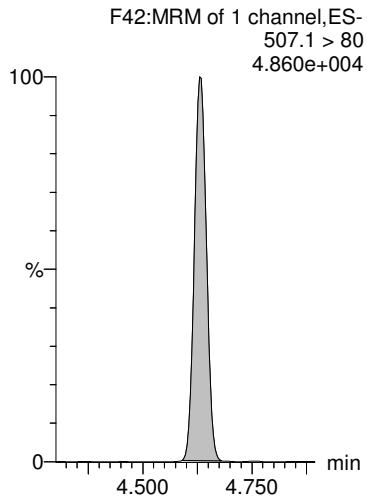


13C8-PFOS-EIS



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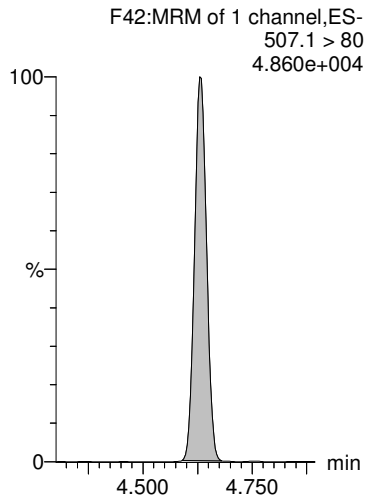

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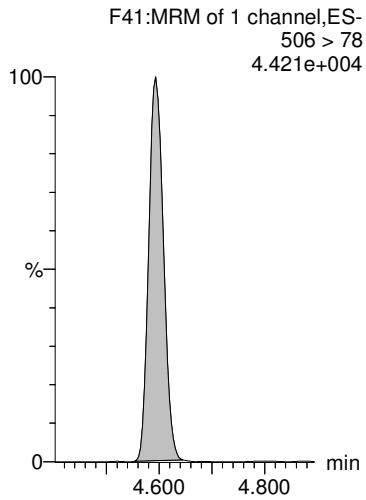


EBR 6/1/2020

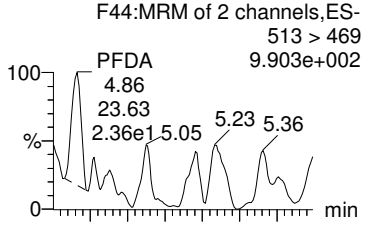
Review: AMR 6/2/2020

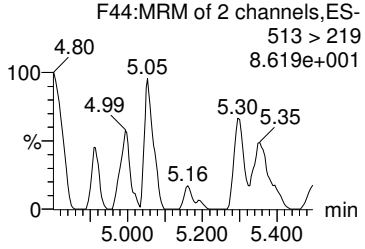
Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-31.qld

Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
Printed: Monday, June 01, 2020 13:07:12 Pacific Daylight Time

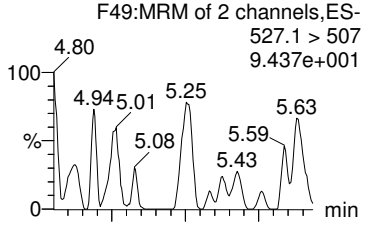
Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

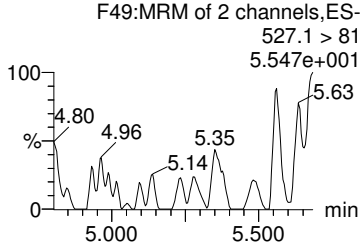
PFDA



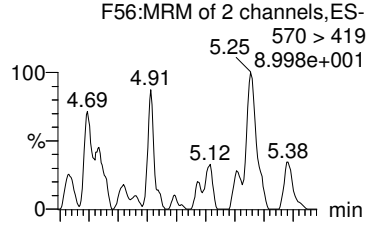


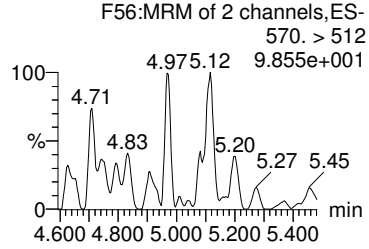
8:2 FTS





L-MeFOSAA





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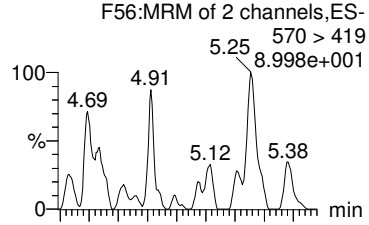
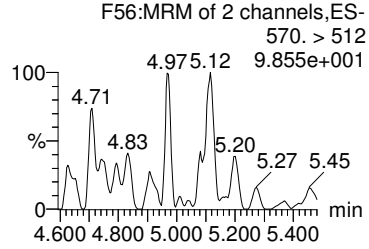
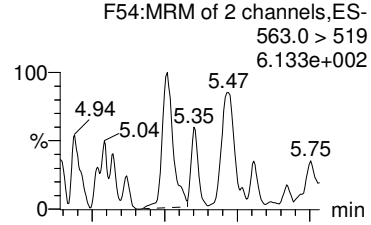
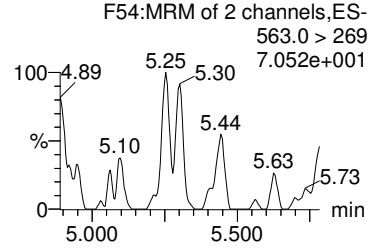


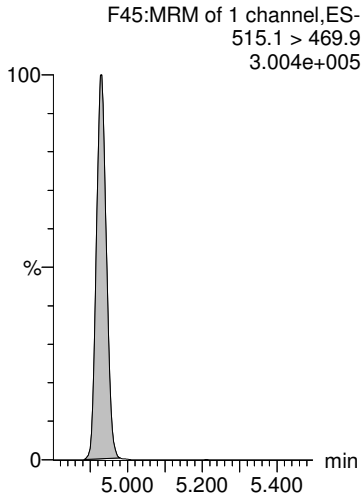


PFUdA





13C2-PFDA-EIS



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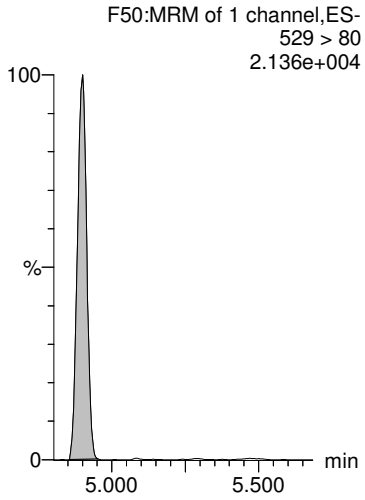
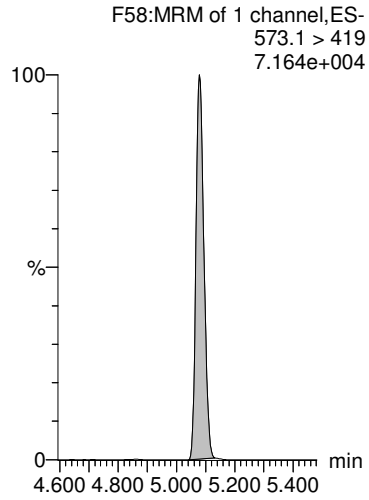


d3-N-MeFOSAA-EIS



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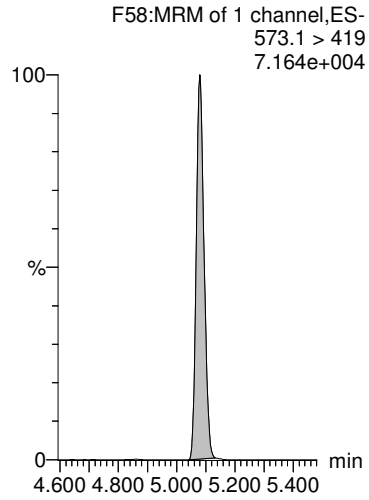

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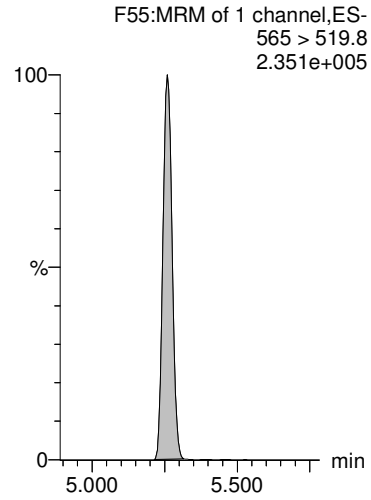


FBR 6/1/2020

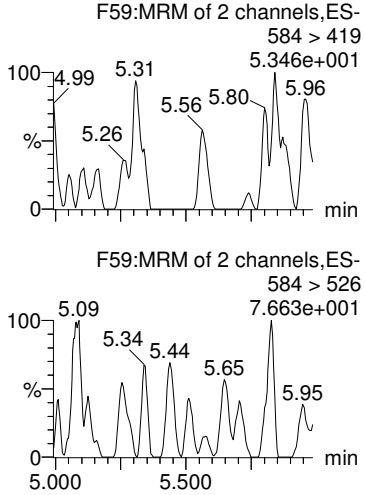
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-31.qld

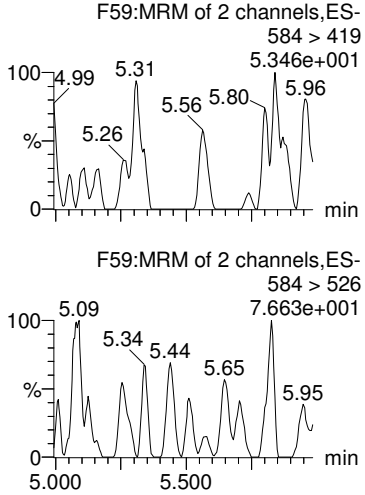
Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
Printed: Monday, June 01, 2020 13:07:12 Pacific Daylight Time

Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

L-EtFOSAA



Total N-EtFOSAA



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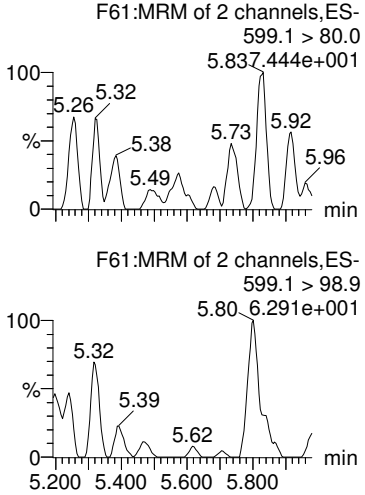

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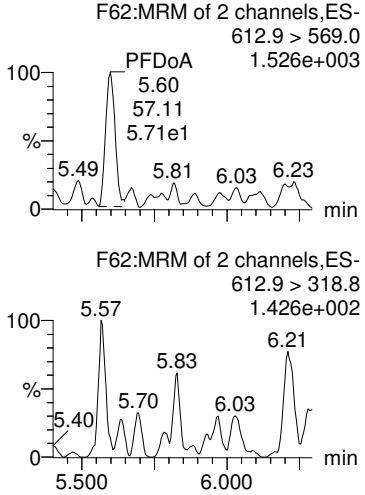

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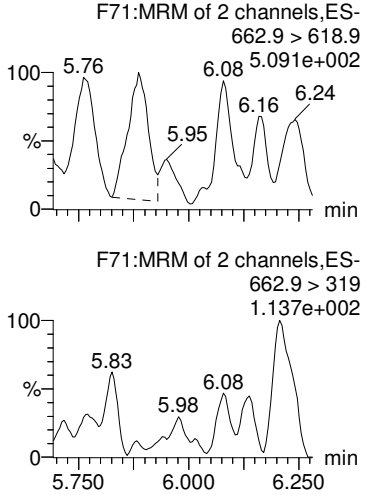
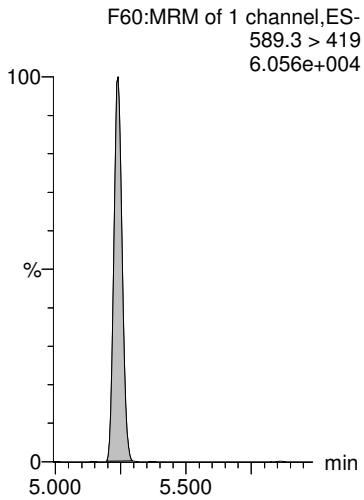


d5-N-EtFOSAA-EIS



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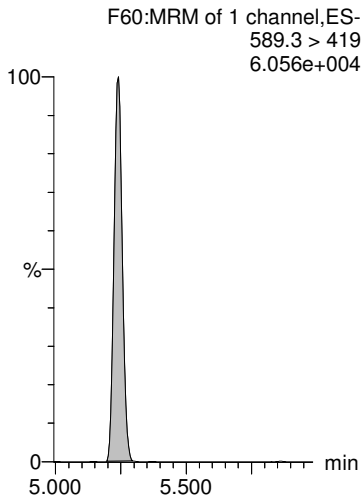
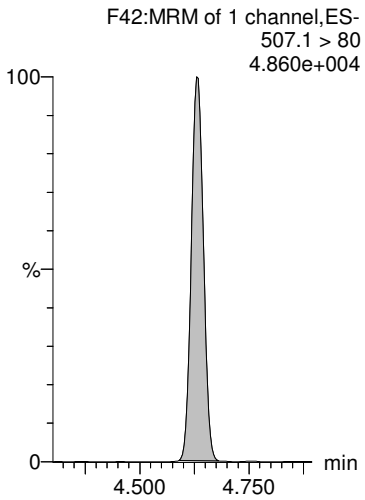


13C8-PFOS-EIS



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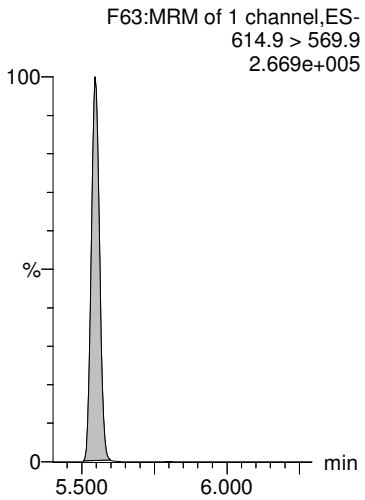
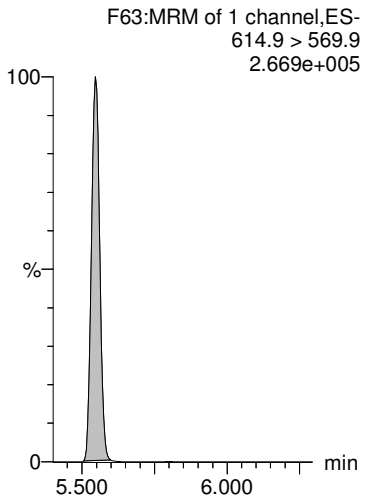


13C2-PFDoA-EIS



EBR 6/1/2020

Review: AMR 6/2/2020

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Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
Printed: Monday, June 01, 2020 13:07:12 Pacific Daylight Time

Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

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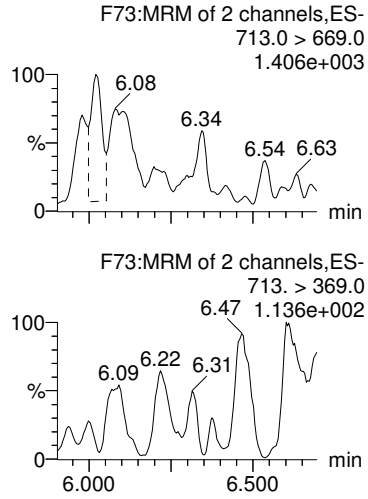

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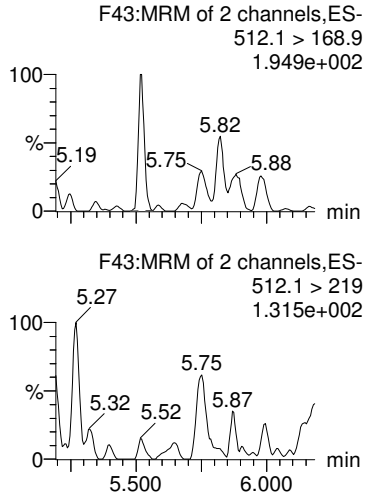

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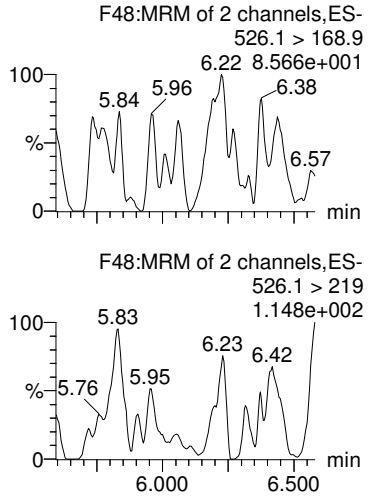
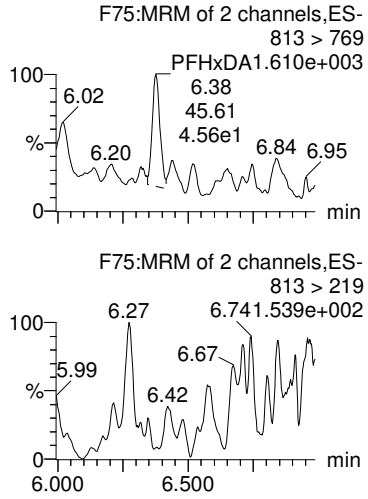
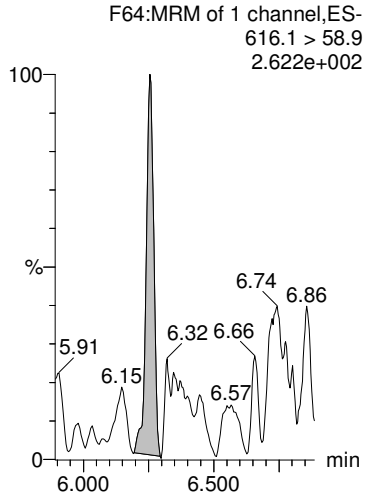


PFHxDA



N-MeFOSE



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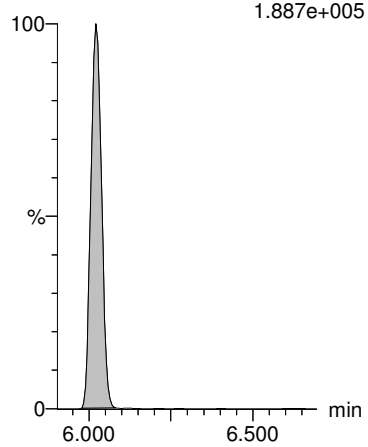
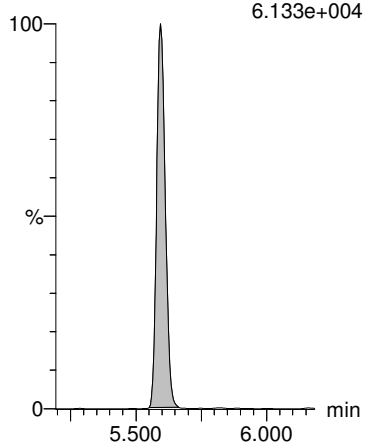


d3-N-MeFOSA-EIS



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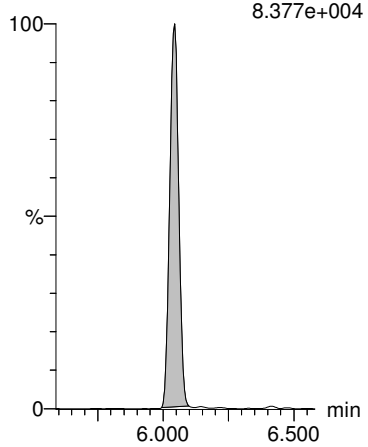
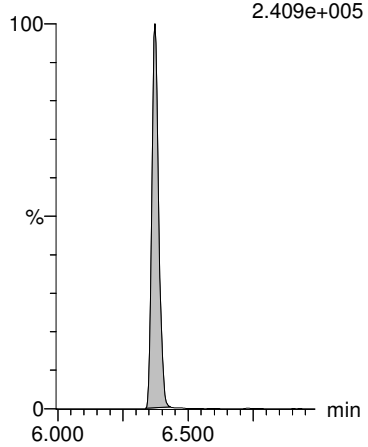


13C2-PFHxDA-EIS



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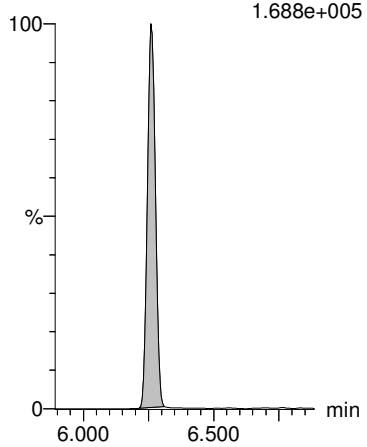


FBR 6/1/2020

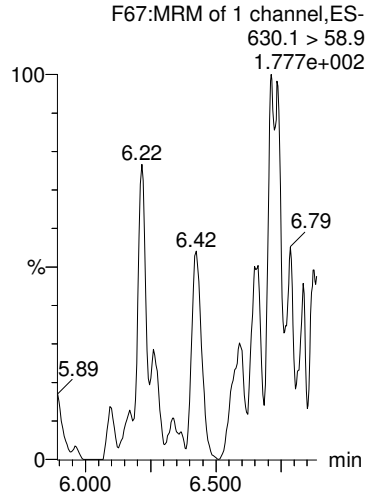
Review: AMR 6/2/2020

Dataset: P:\PFAS5.PRO\RESULTS\200527P1\200527P1-31.qld

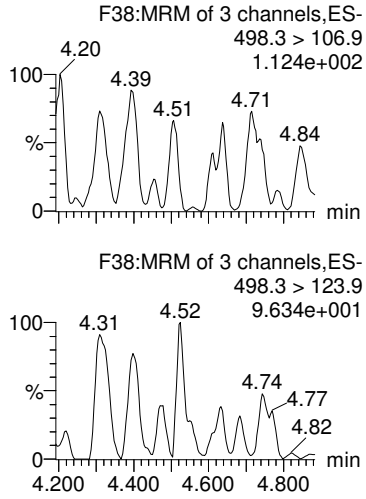
Last Altered: Monday, June 01, 2020 13:06:13 Pacific Daylight Time
Printed: Monday, June 01, 2020 13:07:12 Pacific Daylight Time

Name: 200527P1-31, Date: 27-May-2020, Time: 17:25:24, ID: 2001078-04 GW-MW-22S 0.11776, Description: GW-MW-22S

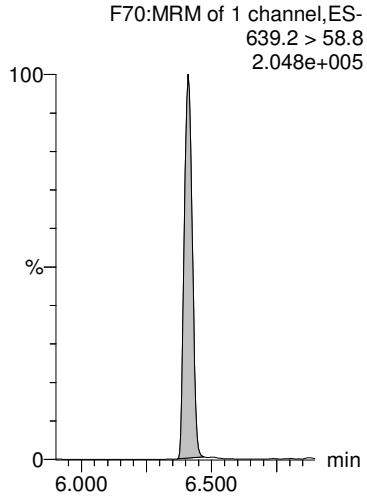
N-EtFOSE



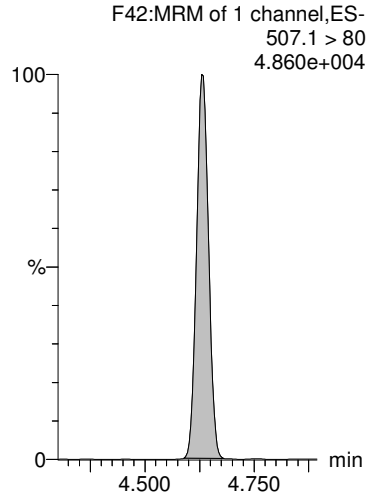
TDCA



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



FBR 6/1/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:25:13 Pacific Daylight Time

Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.51e1	0.118		1.23						
2	4	PFPeA	263.1 > 218.9		1.45e3	0.118		2.15						
3	5	PFBS	299.0 > 80		5.80e2	0.118		2.42						YES
4	7	PFHxA	313.0 > 269.0	5.12e1	6.41e3	0.118		2.96	2.97	0.0999	0.2253		11.3	NO
5	11	PFHpA	363.0 > 319		7.07e3	0.118		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.51e1		0.118	289.289	1.22	1.23	45.1	1.3227	1.2		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	1.45e3		0.118	588.947	2.15	2.15	1450	20.9359	19.7		
8	51	13C3-PFBS-EIS	302.0 > 98.9	5.80e2		0.118	81.912	2.43	2.42	580	60.0735	56.6		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	6.41e3		0.118	849.096	3.15	2.96	6410	64.0387	60.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.07e3		0.118	724.419	3.58	3.59	7070	82.8404	78.1		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.65e3	0.118		3.73						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.65e3	0.118		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		1.39e3	0.118		4.03						YES
15	19	PFHpS	449.0 > 80		1.69e3	0.118		4.25						YES
16	21	PFNA	463.0 > 418.8		7.97e3	0.118		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.65e3		0.118	171.580	3.92	3.73	1650	81.7641	77.1		
18	61	13C3-PFHxS-EIS	402 > 80	1.65e3		0.118	171.580	3.92	3.73	1650	81.7641	77.1		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.39e3		0.118	92.769	4.50	4.03	1390	127.0187	119.7		
20	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	7.97e3		0.118	827.265	4.74	4.54	7970	81.7474	77.1		
22	-1													
23	16	L-PFOA	413 > 369		7.69e3	0.118		4.09						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.69e3	0.118		4.60		0.000				
25	23	L-PFOS	499 > 80		1.69e3	0.118		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.69e3	0.118		4.60		0.000				
27	22	PFOSA	498 > 78	2.95e1	2.06e3	0.118		4.59	4.60	0.179	1.7070		10.6	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.69e3		0.118	808.136	4.09	4.09	7690	80.8066	76.2		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.69e3		0.118	808.136	4.09	4.09	7690	80.8066	76.2		
30	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		
31	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		
32	67	13C8-PFOSA-EIS	506 > 78	2.06e3		0.118	257.965	4.59	4.59	2060	67.7692	63.9		
33	-1													
34	26	PFDA	513 > 469		9.72e3	0.118		4.93						YES
35	27	8:2 FTS	527.1 > 507		9.49e2	0.118		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.26e3	0.118		5.08						YES

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Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:25:13 Pacific Daylight Time

Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.26e3	0.118		5.19		0.000				
38	33	PFUdA	563.0 > 519		7.90e3	0.118		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.72e3		0.118	1081.744	4.93	4.93	9720	76.2855	71.9		
40	75	13C2-8:2 FTS-EIS	529 > 80	9.49e2		0.118	90.113	4.90	4.90	949	89.3749	84.2		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.26e3		0.118	255.309	5.07	5.08	2260	75.2327	70.9		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.26e3		0.118	255.309	5.07	5.08	2260	75.2327	70.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	7.90e3		0.118	985.591	5.01	5.26	7900	68.0135	64.1		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.47e3	0.118		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.47e3	0.118		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.69e3	0.118		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.24e3	0.118		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.24e3	0.118		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.47e3		0.118	255.567	5.23	5.24	2470	82.0840	77.4		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.47e3		0.118	255.567	5.23	5.24	2470	82.0840	77.4		
52	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.24e3		0.118	1022.097	5.54	5.55	8240	68.4512	64.5		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.24e3		0.118	1022.097	5.54	5.55	8240	68.4512	64.5		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.90e3	0.118		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		2.78e3	0.118		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		3.61e3	0.118		6.03						YES
59	43	PFHxDA	813 > 769		8.09e3	0.118		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		5.70e3	0.118		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.90e3		0.118	1007.986	6.01	6.03	7900	66.5237	62.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.78e3		0.118	87.979	5.45	5.60	2780	268.1992	21.2		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.61e3		0.118	120.051	6.40	6.05	3610	255.5605	20.2		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.09e3		0.118	1310.023	6.36	6.37	8090	52.4109	49.4		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.70e3		0.118	100.447	6.25	6.26	5700	481.7288	38.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.56e3	0.118		6.41						
68	1...	TDCA	498.3>106.9			0.118		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		
70	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		
71	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.56e3		0.118	108.100	6.40	6.41	6560	515.1794	40.7		

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Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
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Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.69e3		0.118	167.288	4.76	4.63	1690	85.6728	80.8		

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Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

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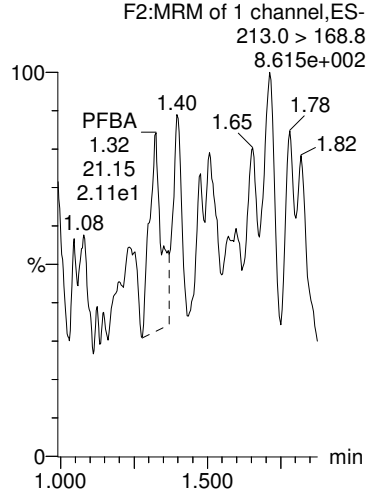

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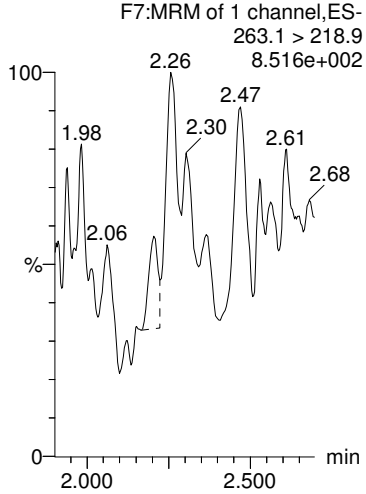

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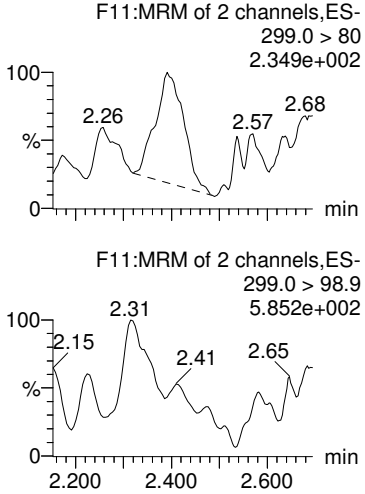

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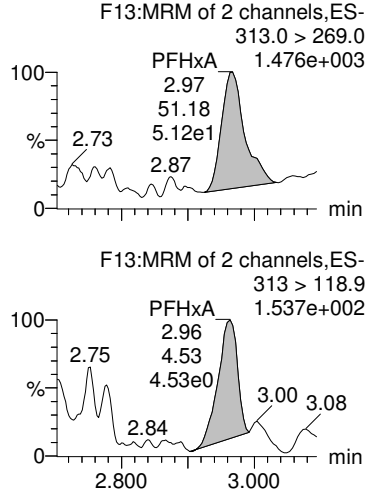

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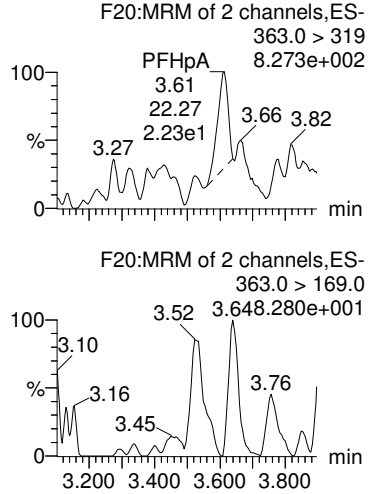

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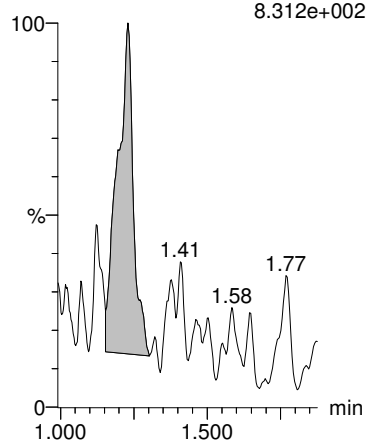

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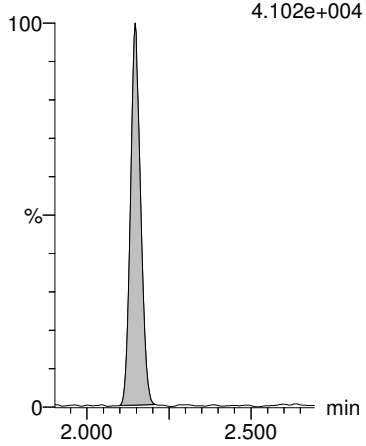

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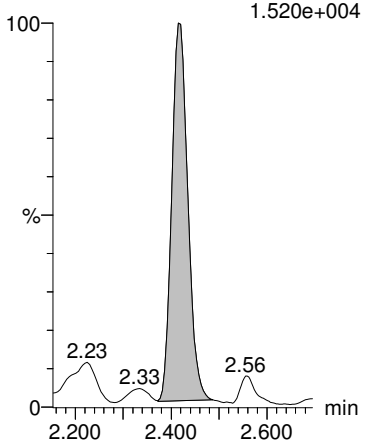

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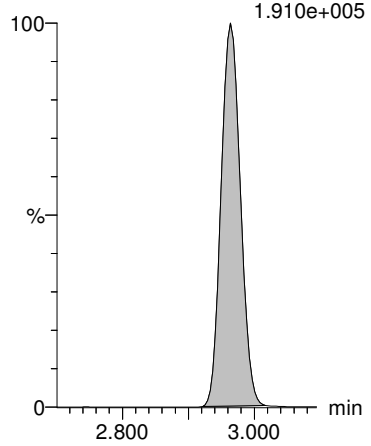

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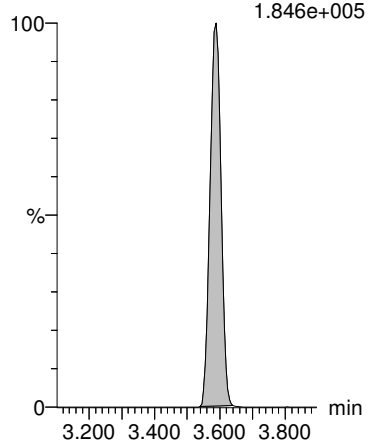

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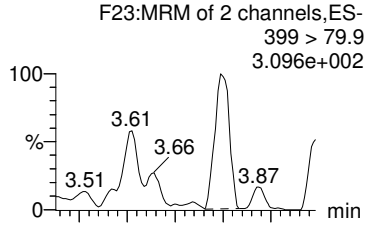
Review: AMR 6/3/2020

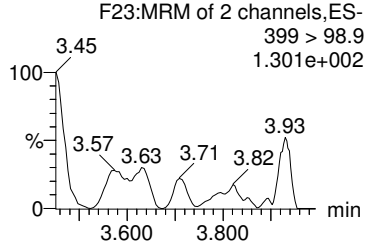
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:25:13 Pacific Daylight Time

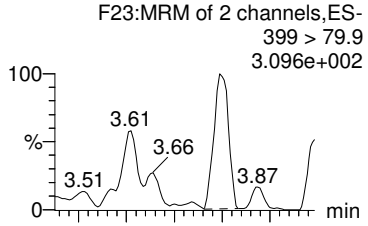
Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

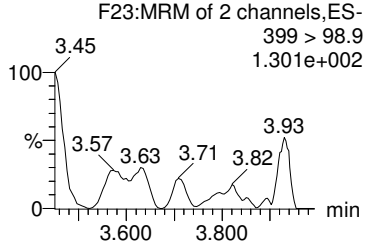
L-PFHxS



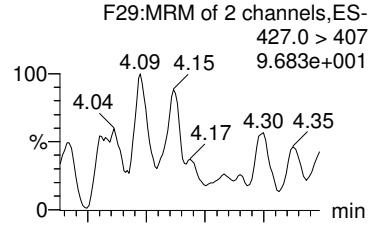


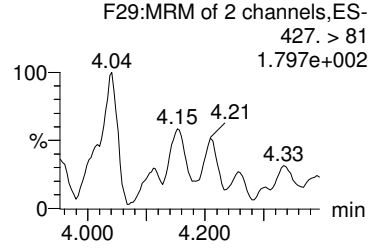
Total PFHxS





6:2 FTS





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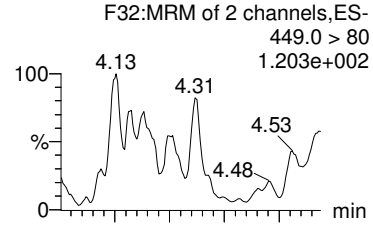

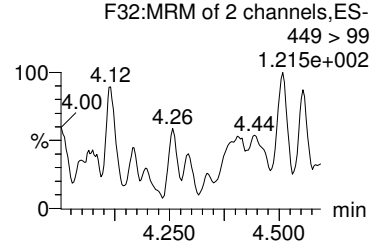

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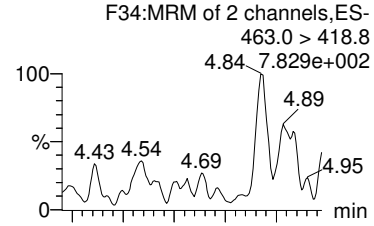

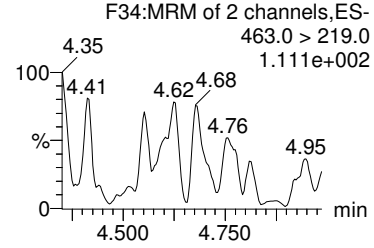

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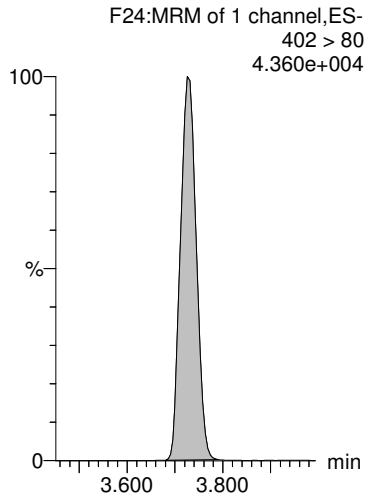

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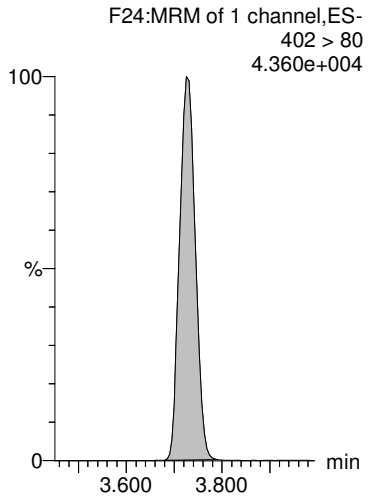

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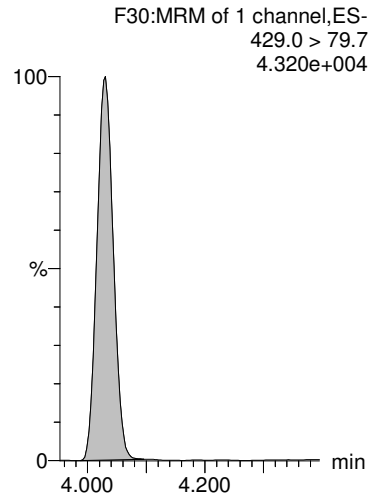

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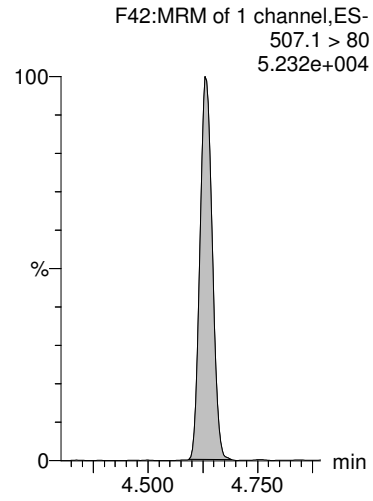

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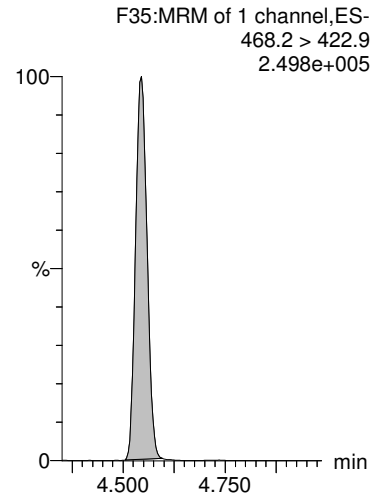

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Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
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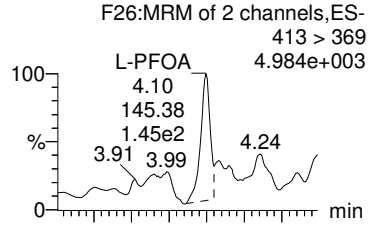
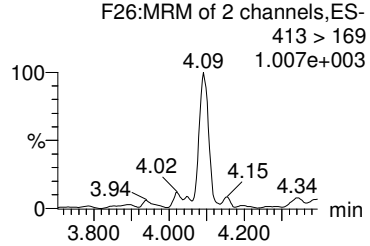
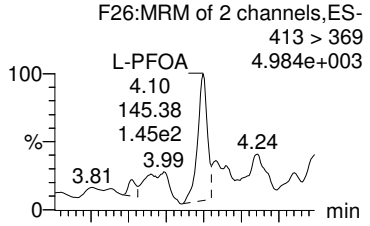
Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

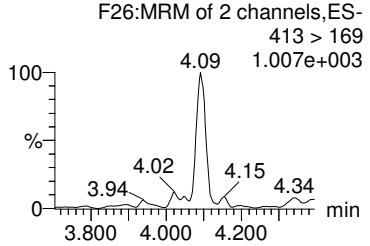
L-PFOA





Total PFOA





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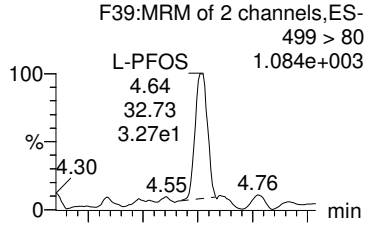

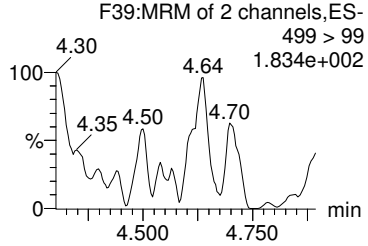

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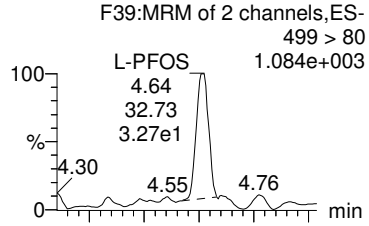

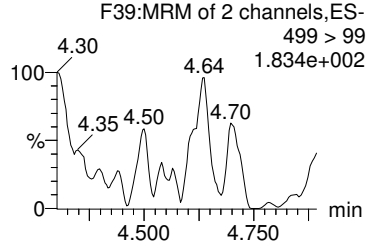

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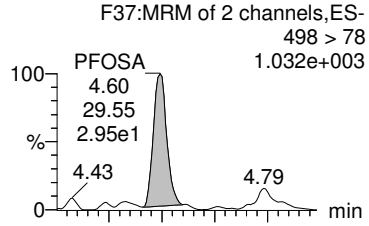

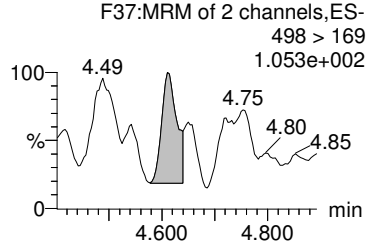

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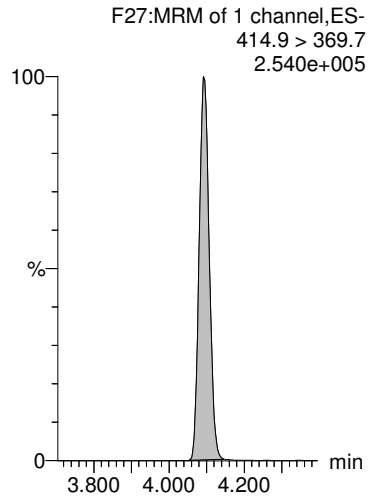

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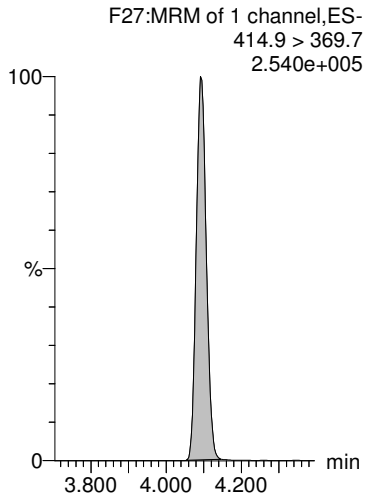
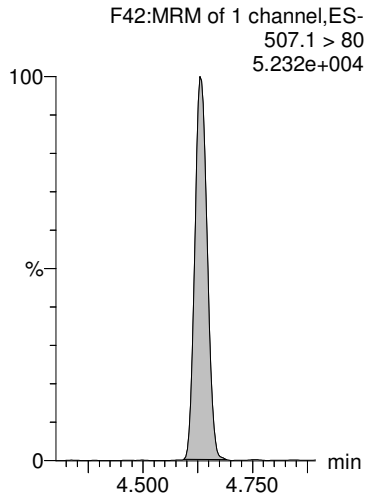


13C8-PFOS-EIS



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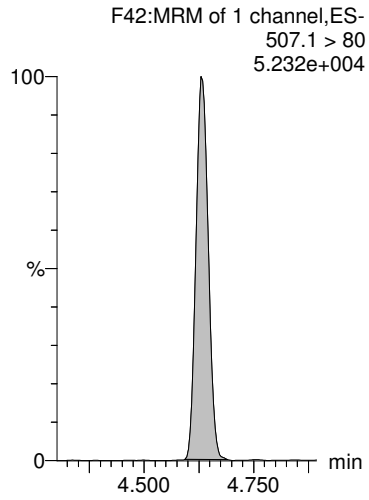

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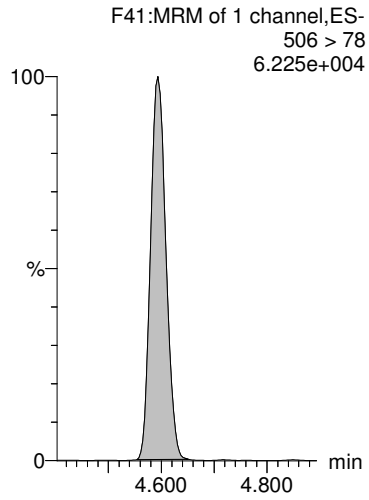

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:25:13 Pacific Daylight Time

Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

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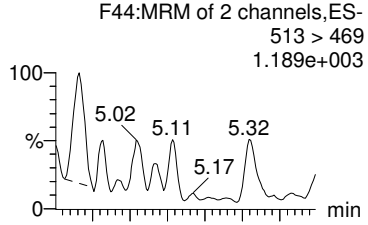

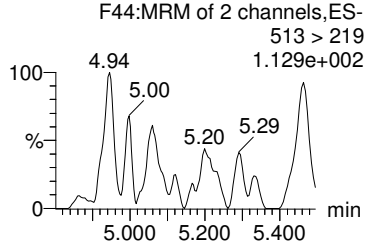

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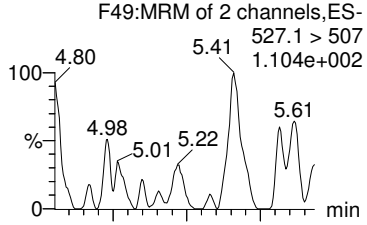

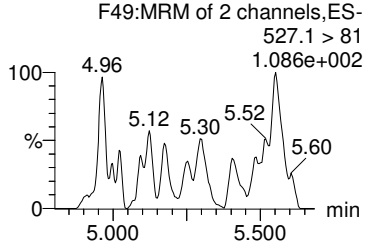

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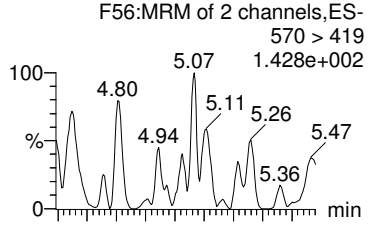

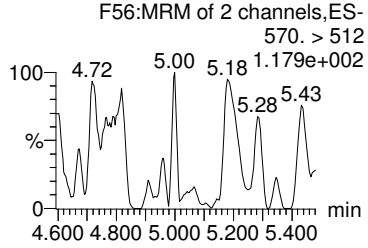

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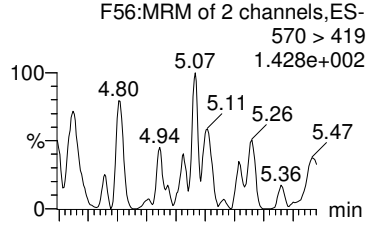
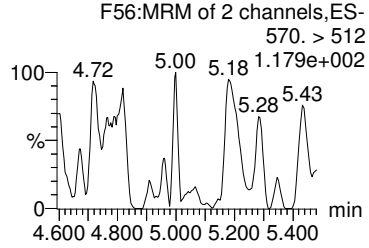
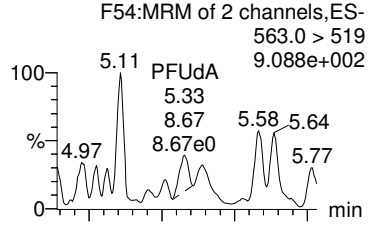
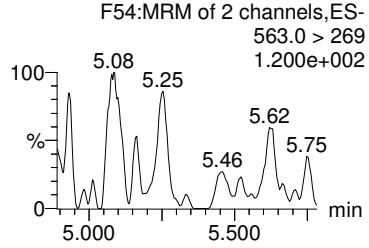




PFUdA





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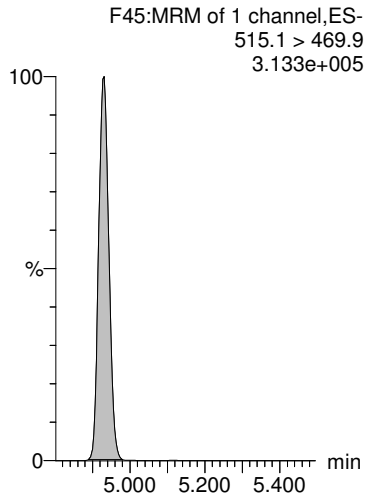

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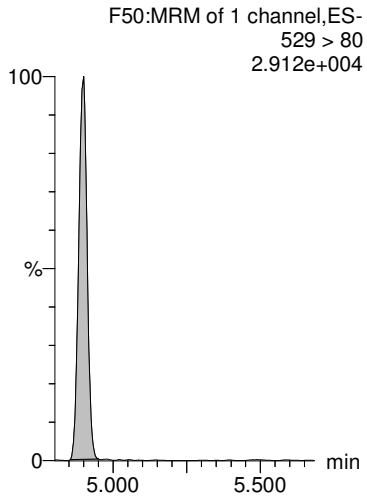

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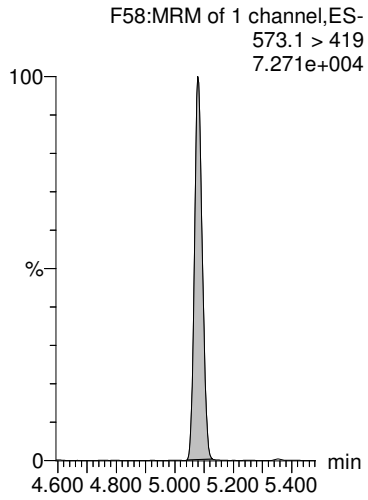

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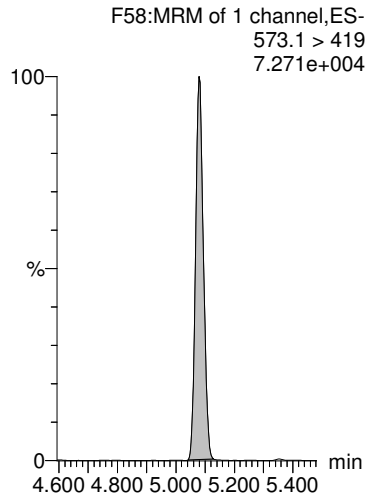

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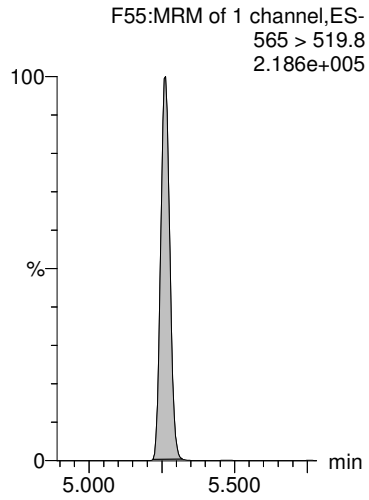

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:25:13 Pacific Daylight Time

Name: 200527P1-32, Date: 27-May-2020, Time: 17:35:53, ID: 2001078-05 GW-MW-22D2 0.11782, Description: GW-MW-22D2

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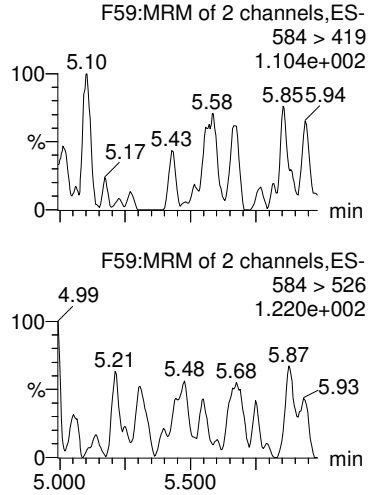

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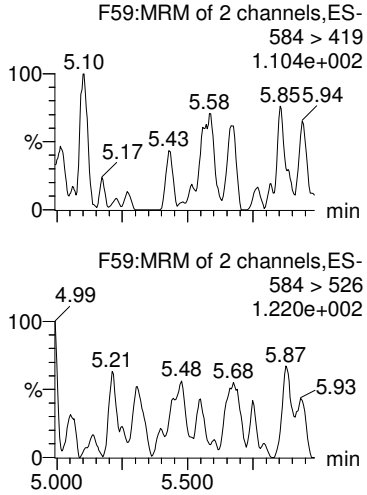

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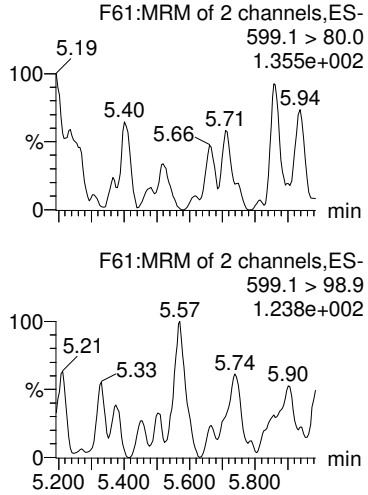

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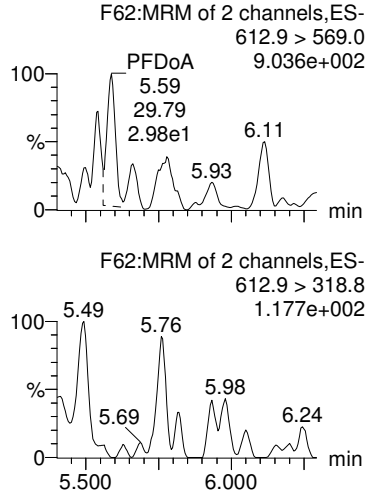

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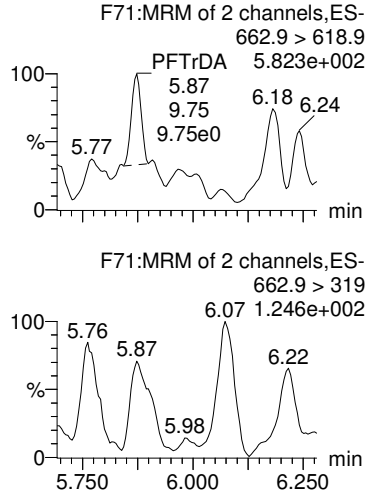

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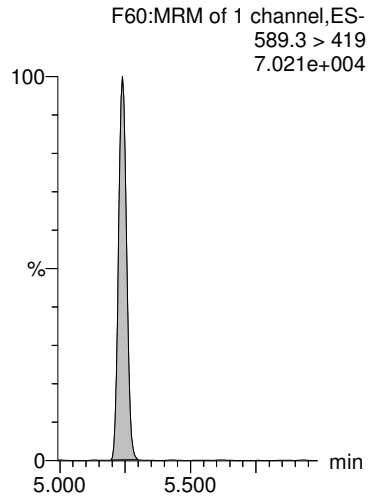

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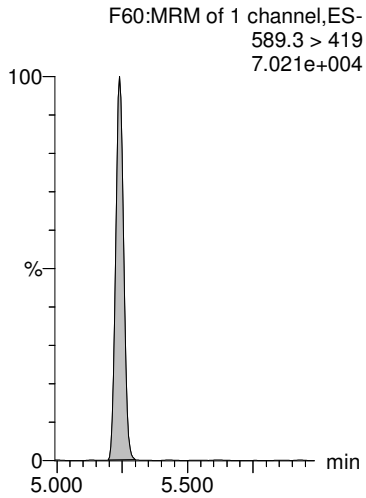
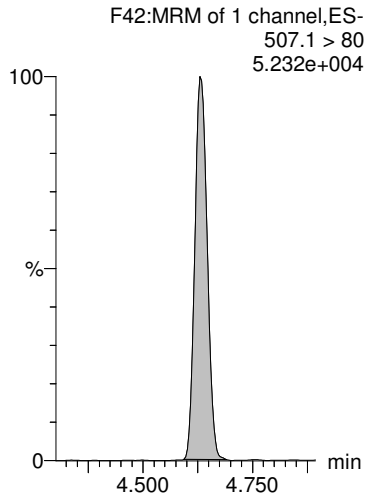


13C8-PFOS-EIS



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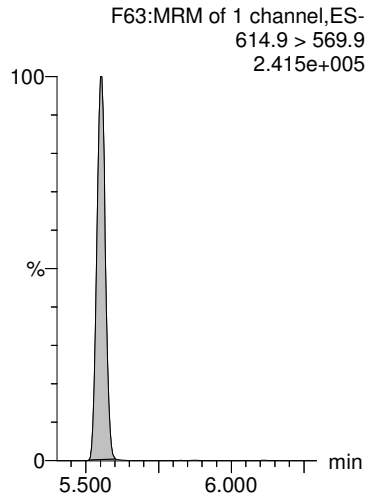

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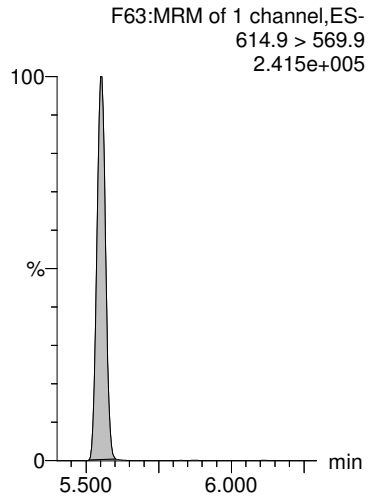

QRV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:25:13 Pacific Daylight Time

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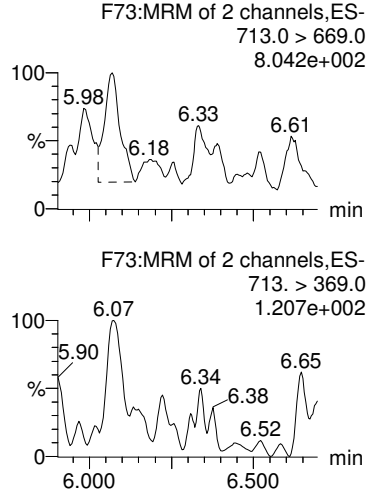

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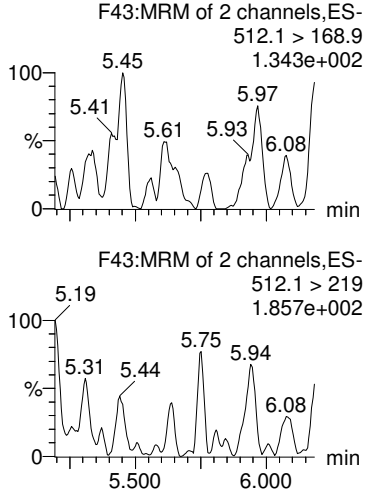

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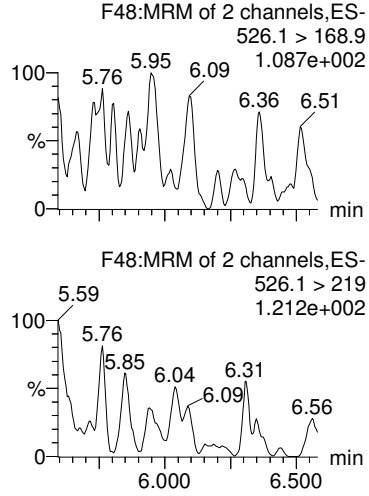

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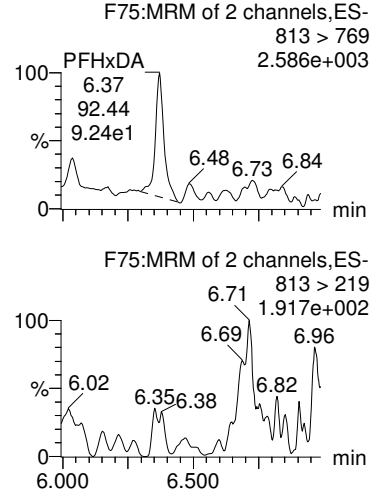
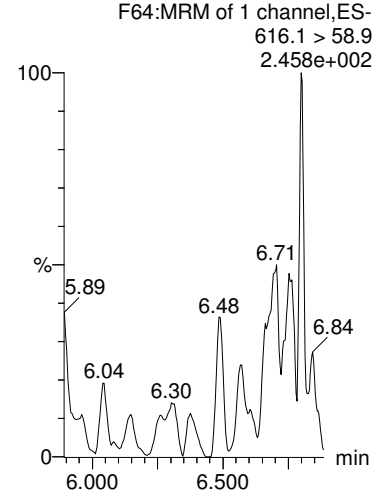


N-MeFOSE



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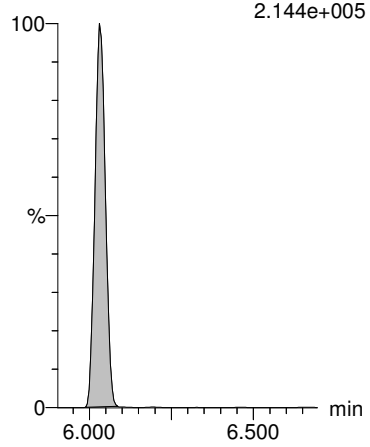

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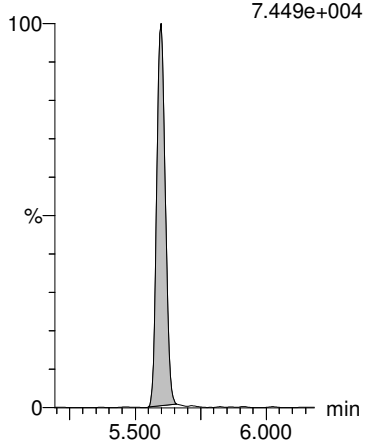

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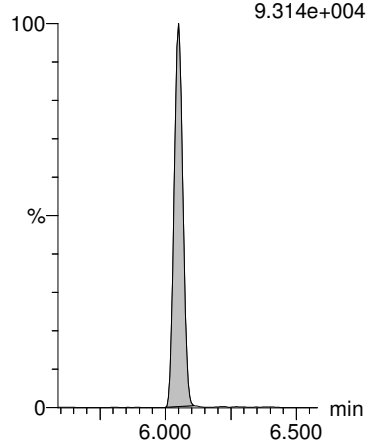

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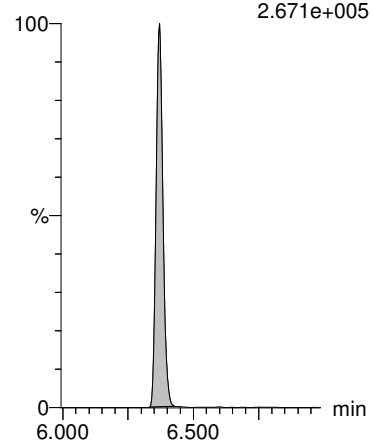

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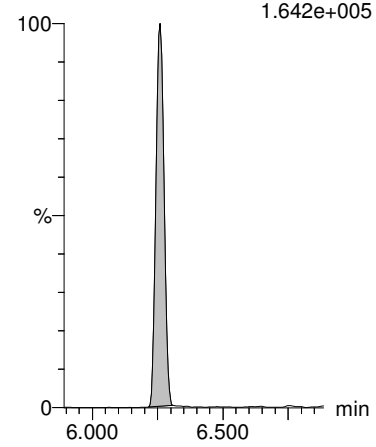

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-32.qld

Last Altered: Tuesday, June 02, 2020 16:24:46 Pacific Daylight Time
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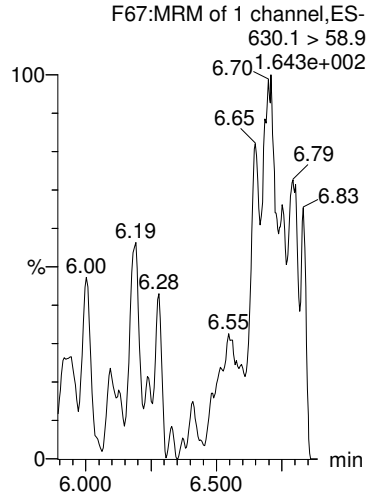

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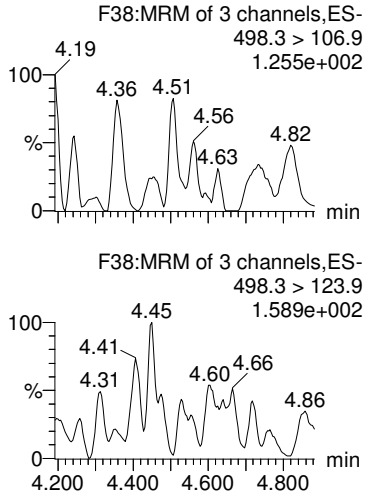
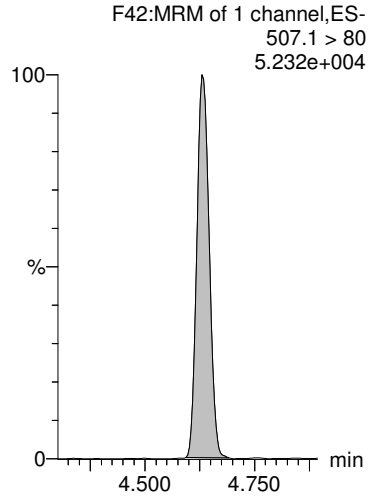
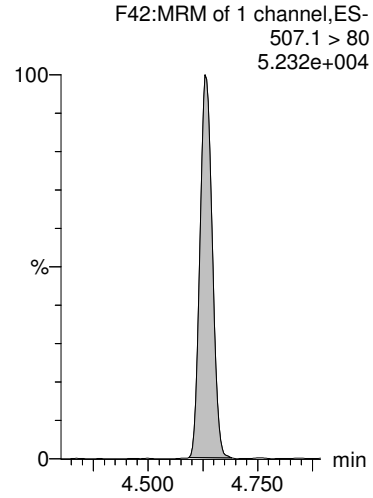


13C8-PFOS-EIS



13C8-PFOS-EIS



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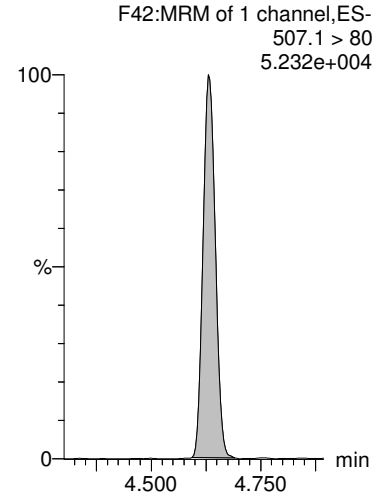

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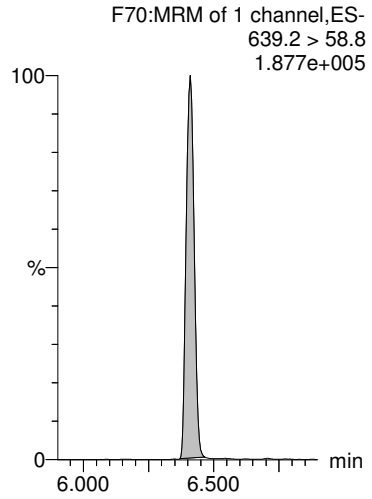

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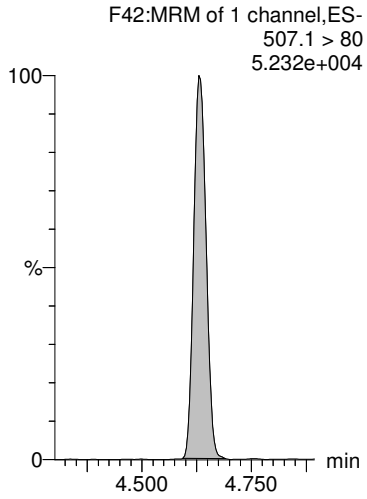

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:27:01 Pacific Daylight Time

Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		1.26e3	0.114		1.21						
2	4	PFPeA	263.1 > 218.9		6.10e3	0.114		2.16						
3	5	PFBS	299.0 > 80		8.65e2	0.114		2.44						YES
4	7	PFHxA	313.0 > 269.0		8.52e3	0.114		2.97						YES
5	11	PFHpA	363.0 > 319		7.38e3	0.114		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	1.26e3		0.114	289.289	1.22	1.21	1260	38.0017	34.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.10e3		0.114	588.947	2.15	2.16	6100	90.6287	82.9		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.65e2		0.114	81.912	2.43	2.44	865	92.3696	84.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.52e3		0.114	849.096	3.15	2.97	8520	87.7728	80.3		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.38e3		0.114	724.419	3.58	3.59	7380	89.1354	81.5		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.64e3	0.114		3.73						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.64e3	0.114		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		1.02e3	0.114		4.04						YES
15	19	PFHpS	449.0 > 80		1.76e3	0.114		4.25						YES
16	21	PFNA	463.0 > 418.8		8.47e3	0.114		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.64e3		0.114	171.580	3.92	3.73	1640	83.4839	76.3		
18	61	13C3-PFHxS-EIS	402 > 80	1.64e3		0.114	171.580	3.92	3.73	1640	83.4839	76.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.02e3		0.114	92.769	4.50	4.04	1020	95.9381	87.7		
20	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.47e3		0.114	827.265	4.74	4.54	8470	89.5295	81.9		
22	-1													
23	16	L-PFOA	413 > 369		8.22e3	0.114		4.09						YES
24	1...	Total PFOA	413 > 369	0.00e0	8.22e3	0.114		4.60		0.000				
25	23	L-PFOS	499 > 80		1.76e3	0.114		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.76e3	0.114		4.60		0.000				
27	22	PFOSA	498 > 78		1.85e3	0.114		4.59						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.22e3		0.114	808.136	4.09	4.09	8220	88.9872	81.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.22e3		0.114	808.136	4.09	4.09	8220	88.9872	81.4		
30	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		
31	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		
32	67	13C8-PFOSA-EIS	506 > 78	1.85e3		0.114	257.965	4.59	4.59	1850	62.7376	57.4		
33	-1													
34	26	PFDA	513 > 469		1.06e4	0.114		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.64e2	0.114		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.59e3	0.114		5.08						YES

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Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
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Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.59e3	0.114		5.19		0.000				
38	33	PFUdA	563.0 > 519		9.11e3	0.114		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.06e4		0.114	1081.744	4.93	4.93	10600	85.6147	78.3		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.64e2		0.114	90.113	4.90	4.90	864	83.8857	76.7		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.59e3		0.114	255.309	5.07	5.08	2590	88.7161	81.1		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.59e3		0.114	255.309	5.07	5.08	2590	88.7161	81.1		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.11e3		0.114	985.591	5.01	5.26	9110	80.8977	74.0		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.66e3	0.114		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.66e3	0.114		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.76e3	0.114		5.25						YES
48	37	PFDoA	612.9 > 569.0		9.35e3	0.114		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.35e3	0.114		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.66e3		0.114	255.567	5.23	5.24	2660	91.1766	83.4		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.66e3		0.114	255.567	5.23	5.24	2660	91.1766	83.4		
52	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.35e3		0.114	1022.097	5.54	5.55	9350	80.0129	73.2		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.35e3		0.114	1022.097	5.54	5.55	9350	80.0129	73.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.40e3	0.114		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		2.85e3	0.114		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		3.31e3	0.114		6.03						YES
59	43	PFHxDA	813 > 769		6.05e3	0.114		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		5.03e3	0.114		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.40e3		0.114	1007.986	6.01	6.03	7400	64.2228	58.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.85e3		0.114	87.979	5.45	5.60	2850	283.8022	21.7		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.31e3		0.114	120.051	6.40	6.05	3310	241.2776	18.5		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.05e3		0.114	1310.023	6.36	6.37	6050	40.4288	37.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.03e3		0.114	100.447	6.25	6.26	5030	437.9120	33.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		5.74e3	0.114		6.41						
68	1...	TDCA	498.3>106.9			0.114		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		
70	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		
71	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	5.74e3		0.114	108.100	6.40	6.41	5740	464.6855	35.6		

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.76e3		0.114	167.288	4.76	4.63	1760	92.0194	84.1		

QPV 6/2/2020

Review: AMR 6/2/2020

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Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

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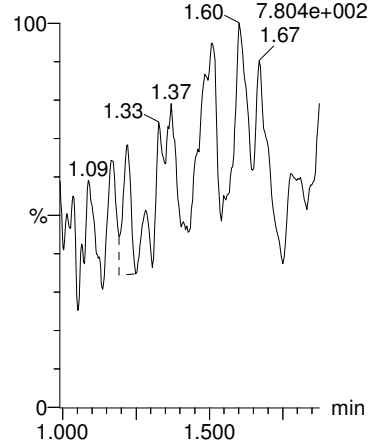

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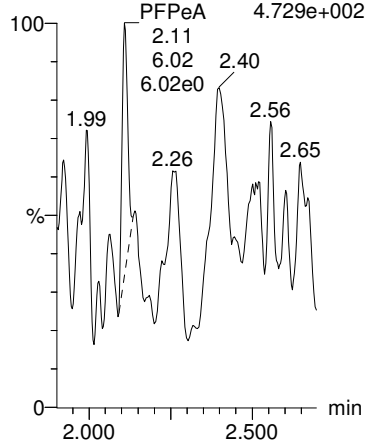

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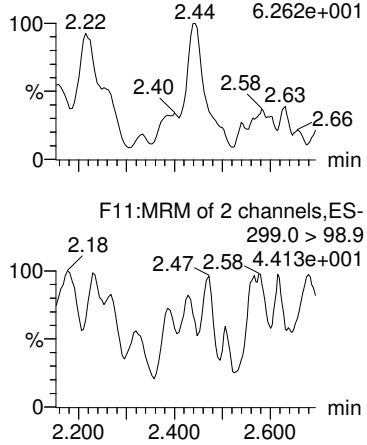

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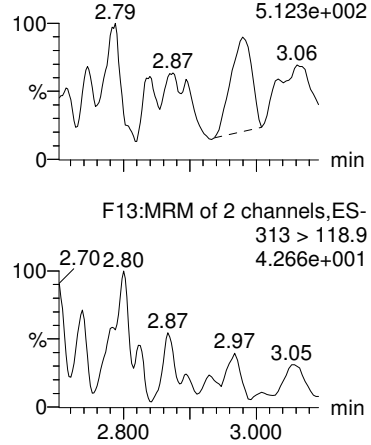

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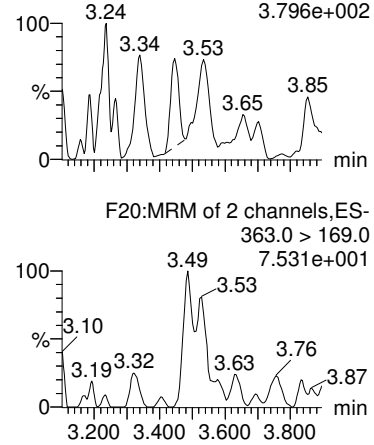

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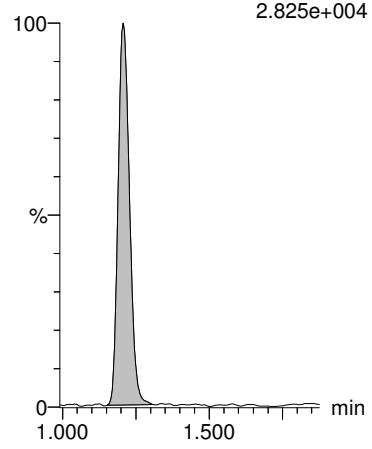

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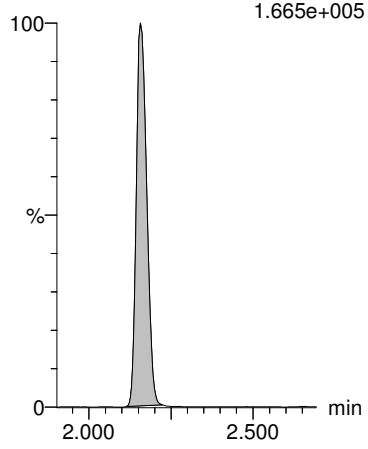

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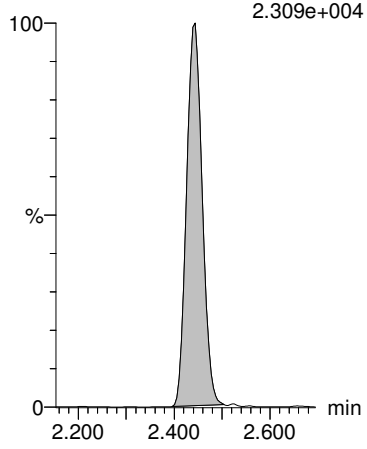

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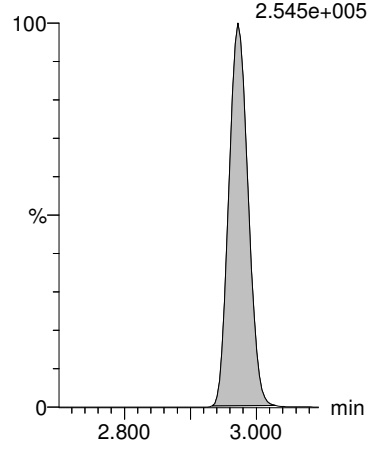

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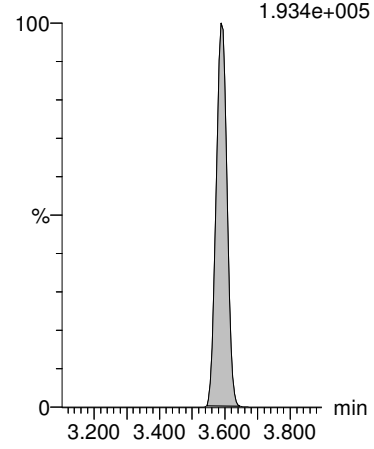

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Review: AMR 6/2/2020

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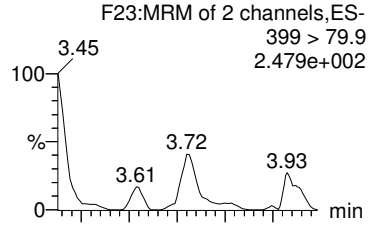
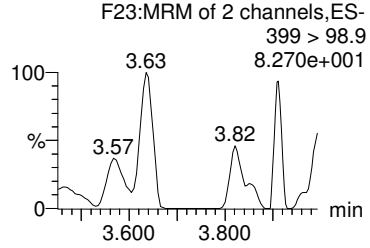
Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

L-PFHxS





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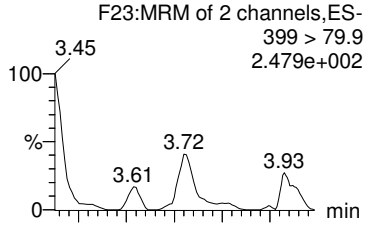
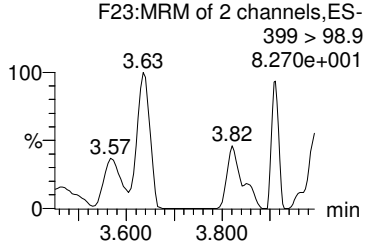
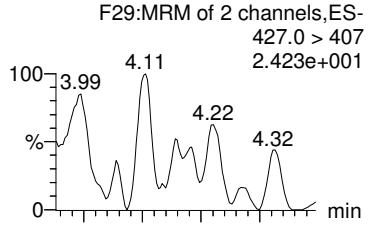
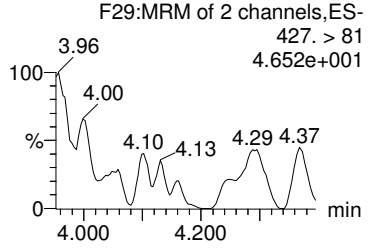




6:2 FTS





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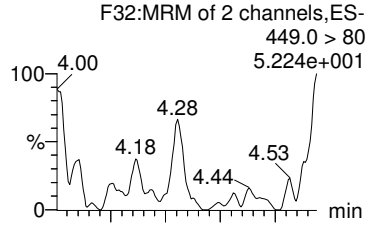

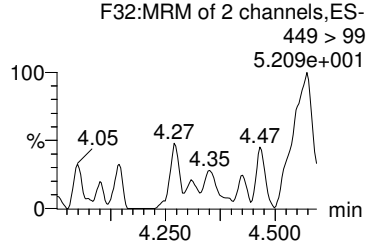

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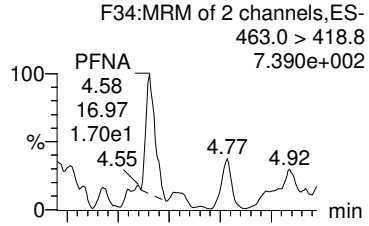
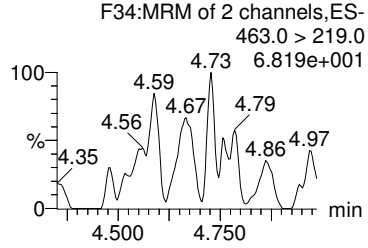
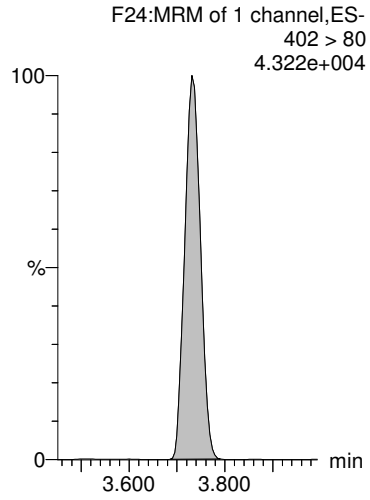
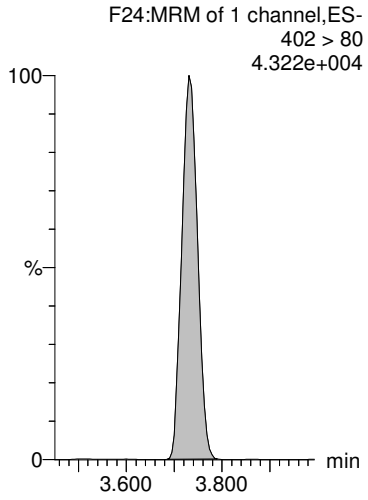




13C3-PFHxS-EIS



13C3-PFHxS-EIS



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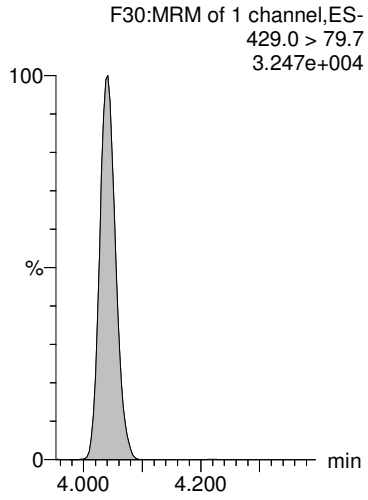

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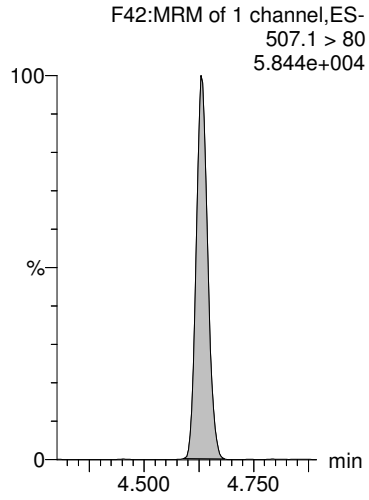

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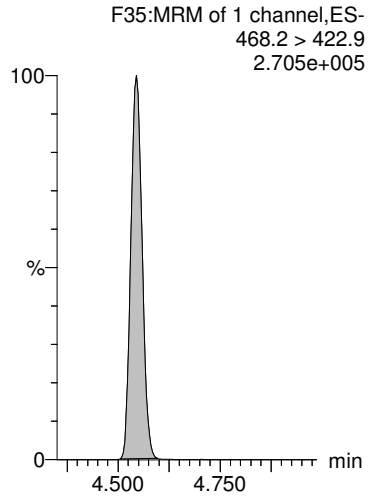

QRV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:27:01 Pacific Daylight Time

Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

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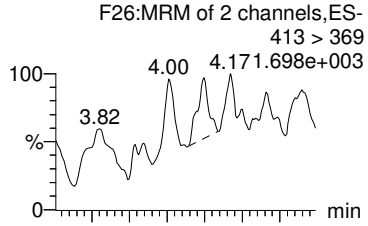

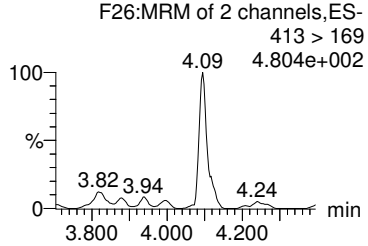

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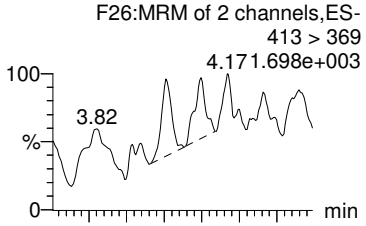

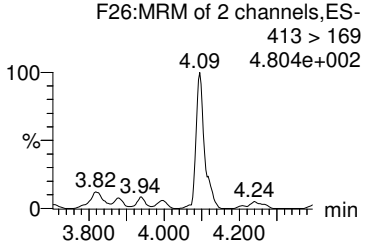

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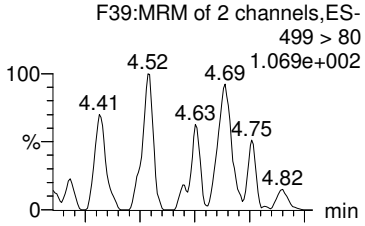

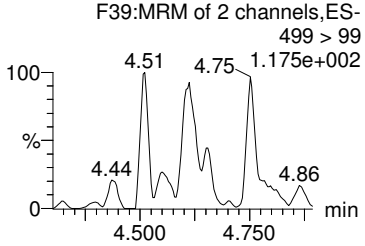

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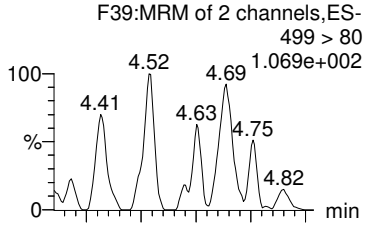

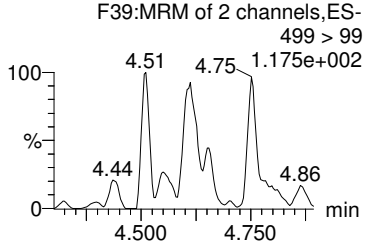

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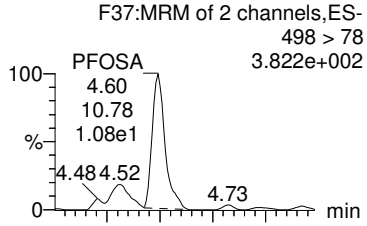

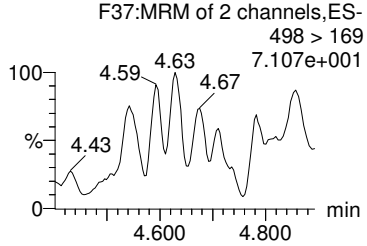

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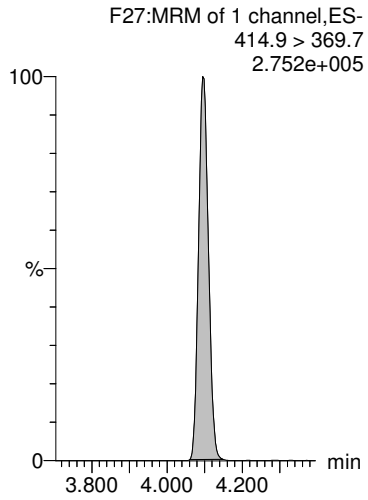

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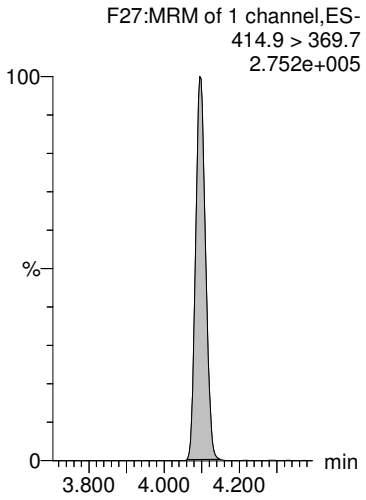

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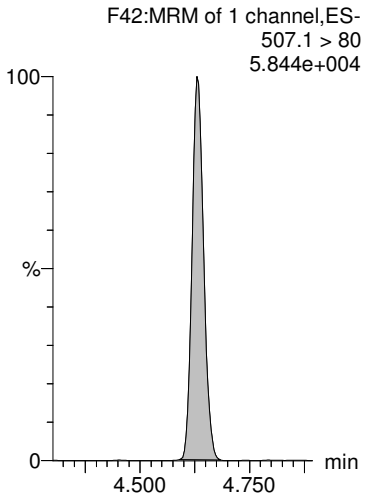

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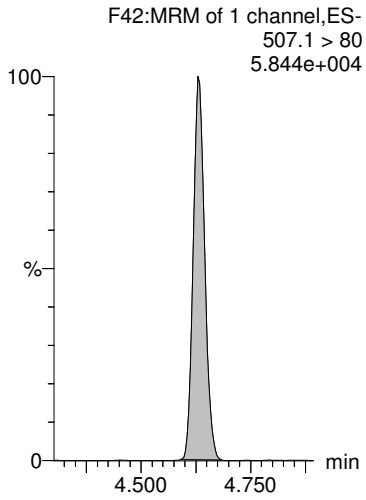

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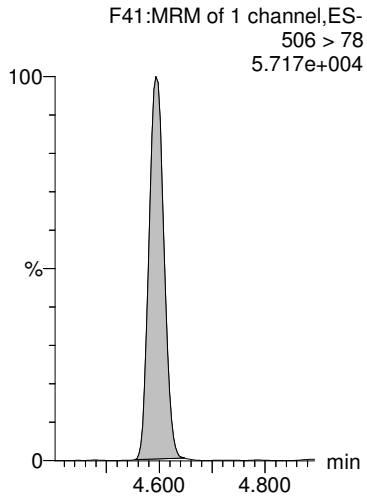

QRV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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Printed: Tuesday, June 02, 2020 11:27:01 Pacific Daylight Time

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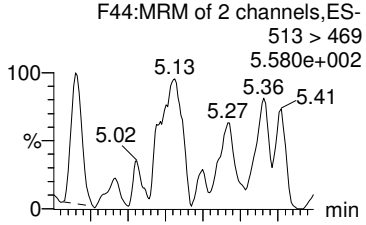
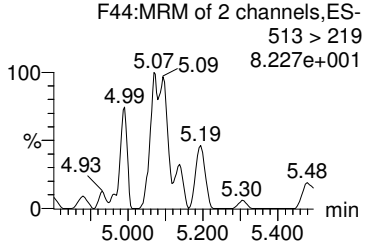
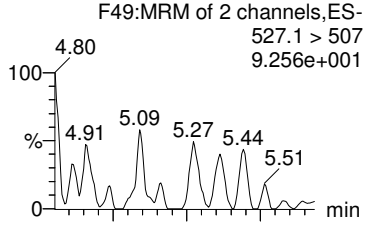
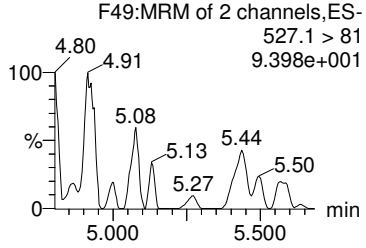


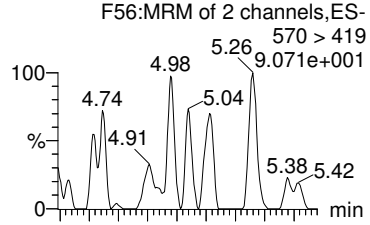


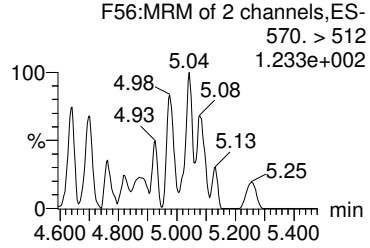
8:2 FTS





L-MeFOSAA





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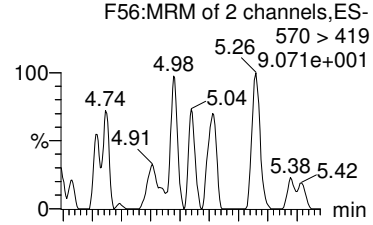

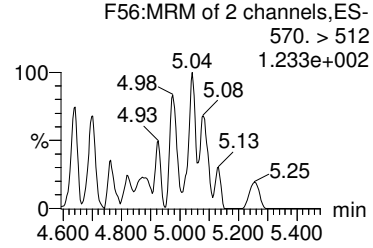

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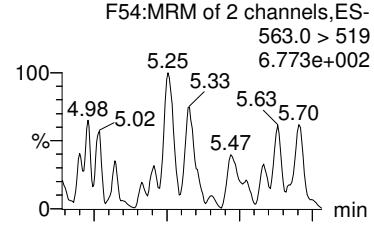

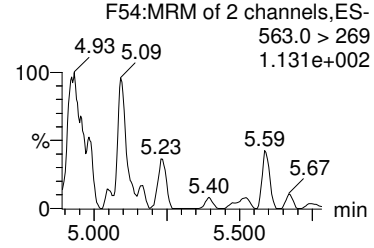

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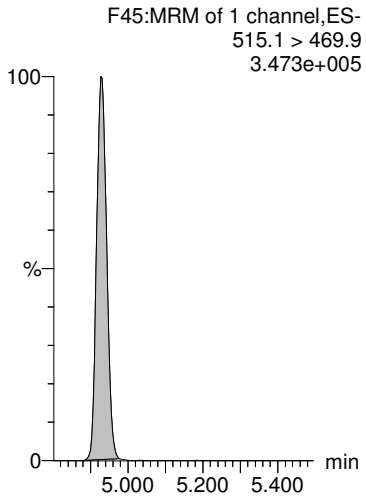

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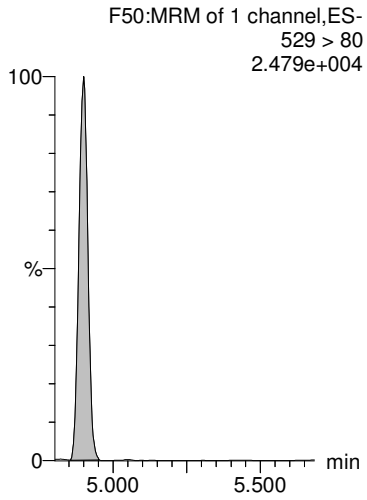

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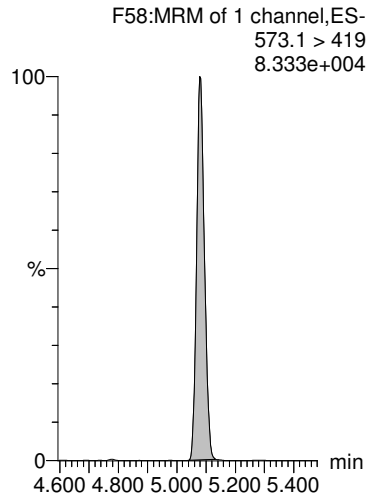

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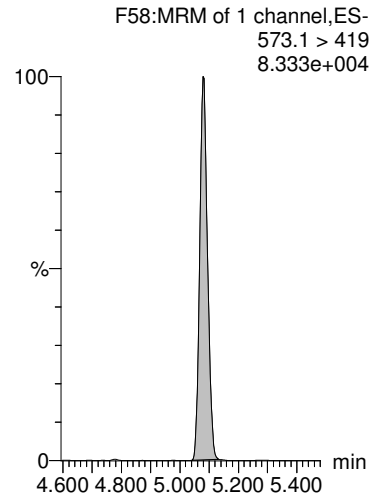

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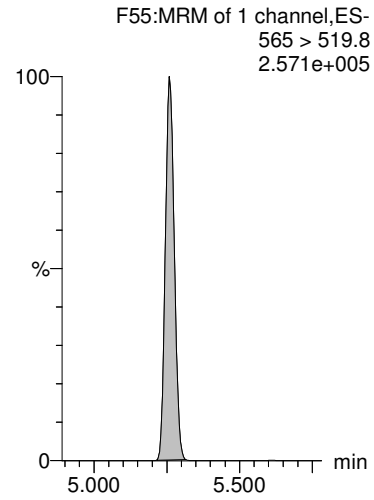

QPV 6/2/2020

Review: AMR 6/2/2020

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Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

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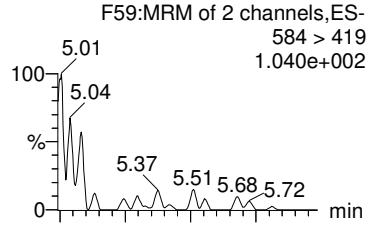

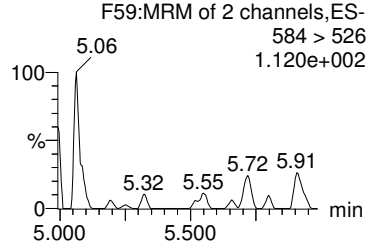

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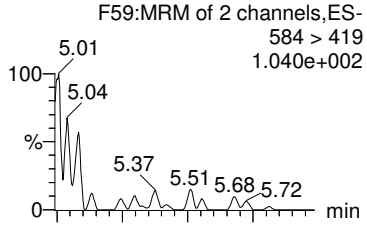

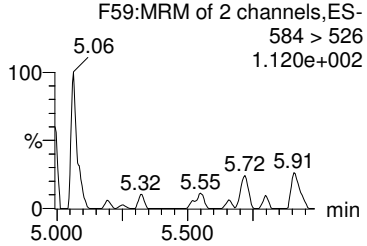

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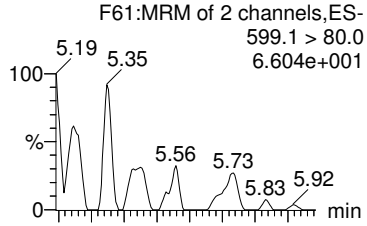

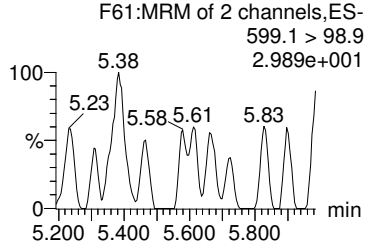

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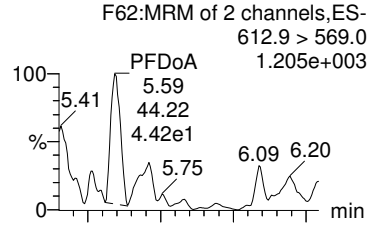

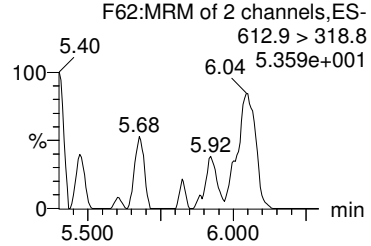

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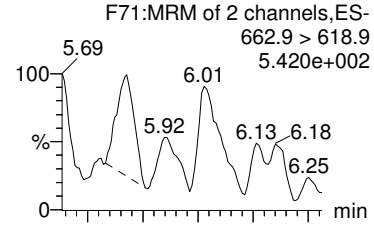

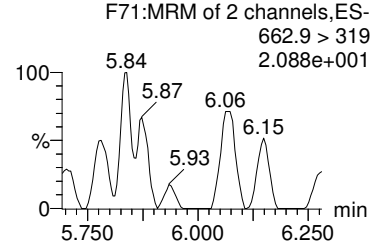

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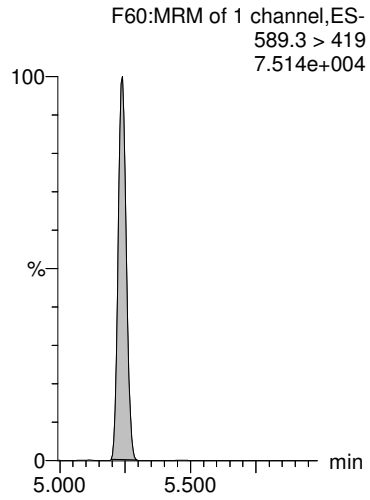

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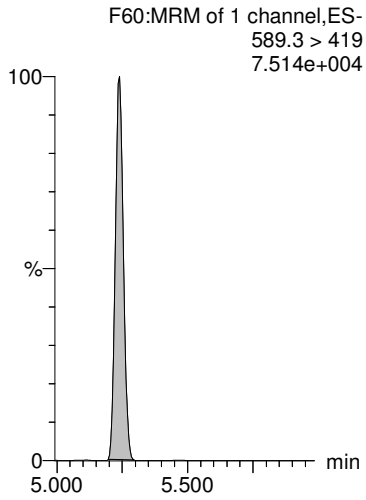

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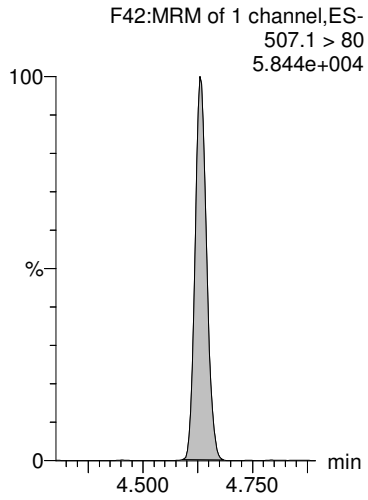

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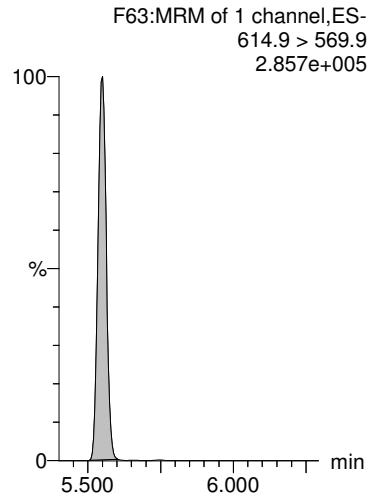

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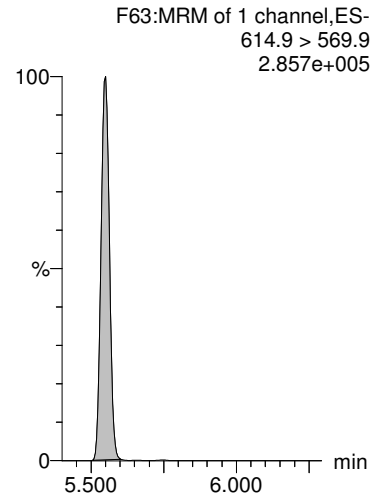

QPV 6/2/2020

Review: AMR 6/2/2020

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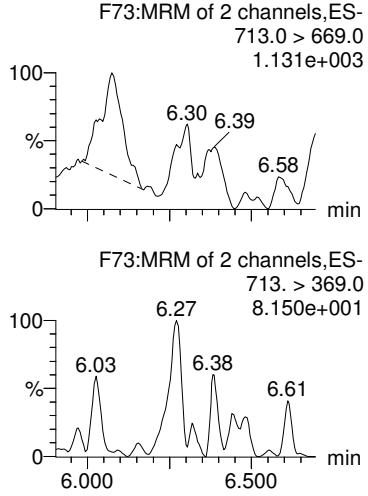

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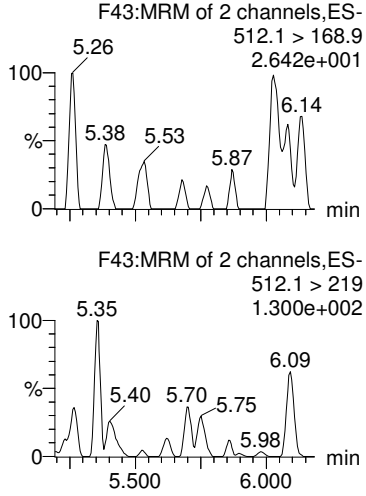
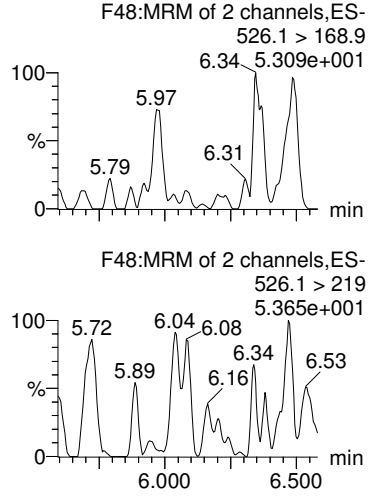


N-EtFOSA



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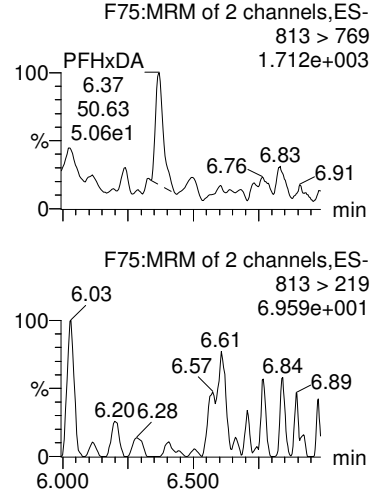

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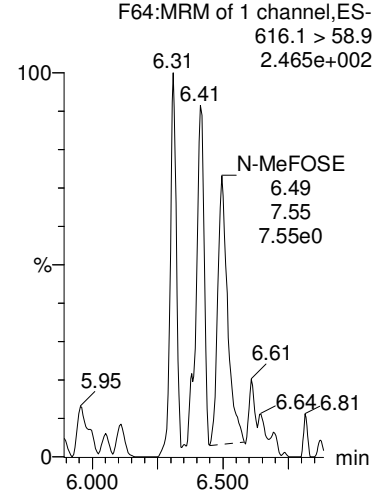
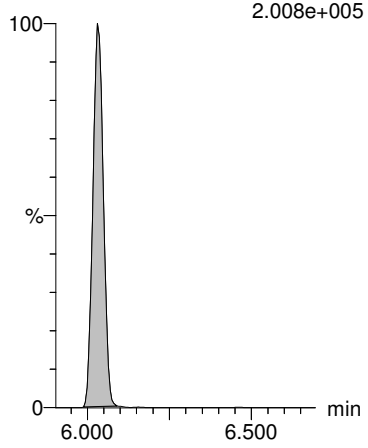


13C2-PFTeDA-EIS



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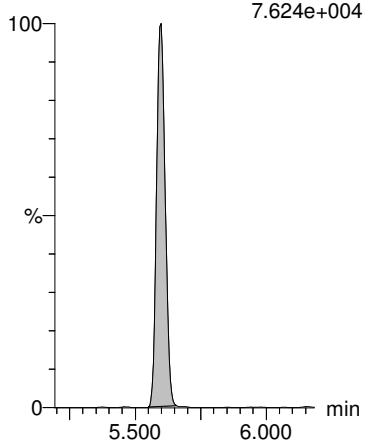

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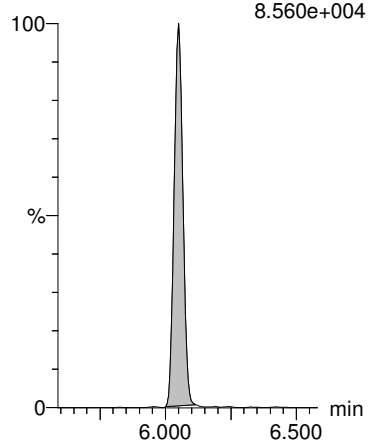

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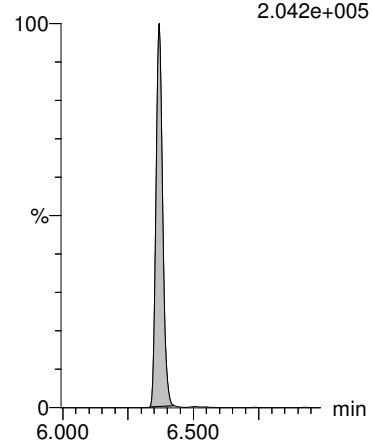

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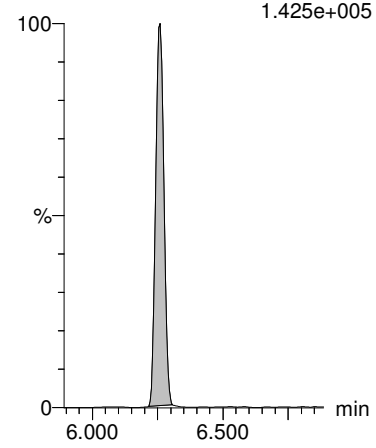

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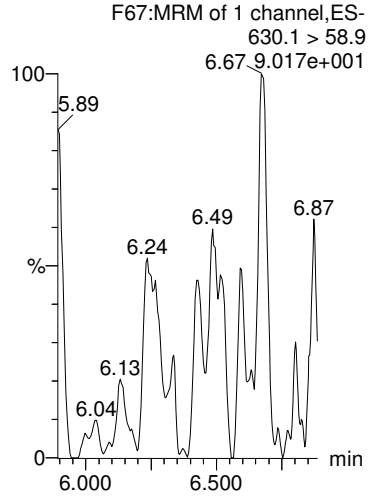
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

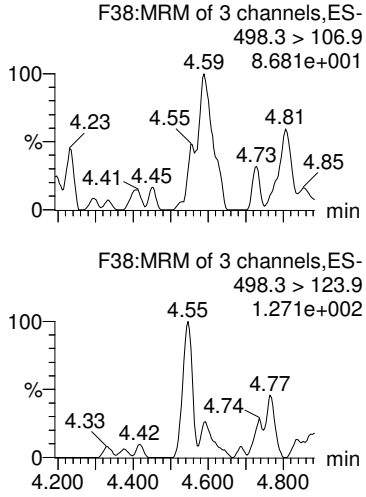
Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:27:01 Pacific Daylight Time

Name: 200527P1-35, Date: 27-May-2020, Time: 18:07:26, ID: 2001078-06 GW-MW-22D1 0.1143, Description: GW-MW-22D1

N-EtFOSE



TDCA



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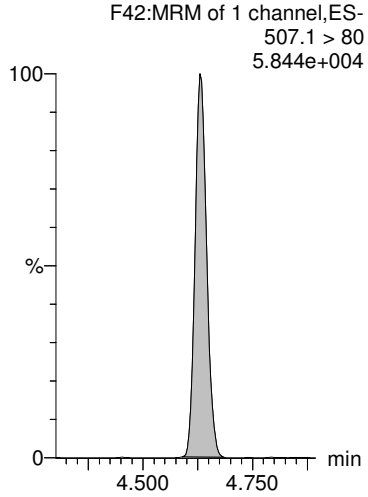

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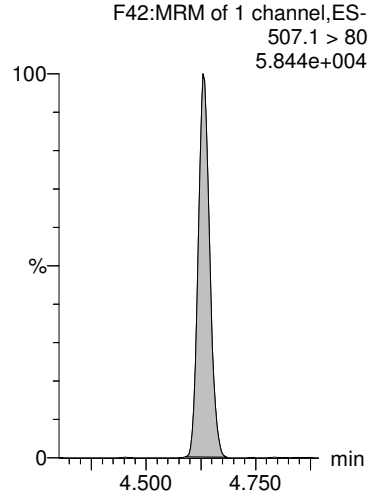

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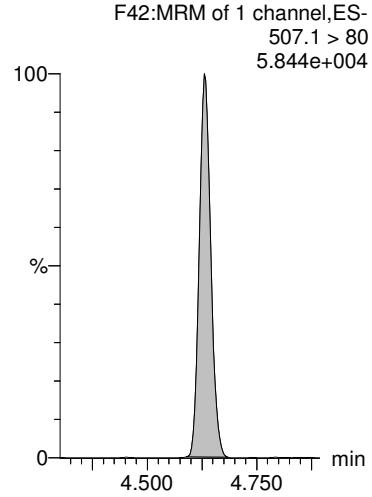

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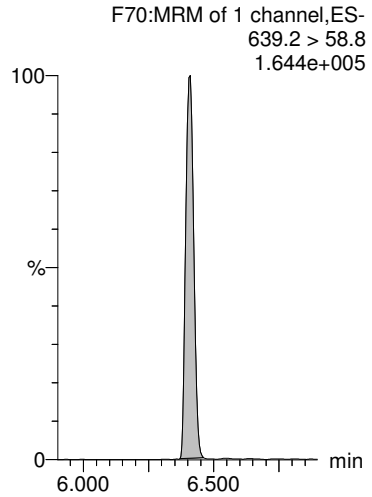
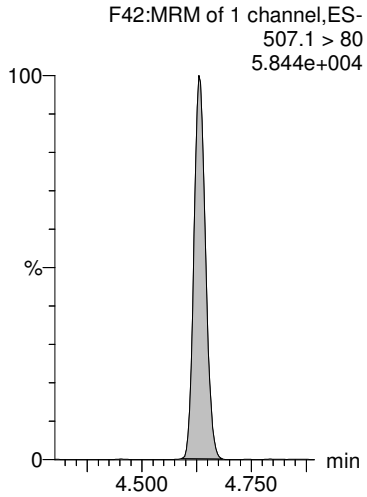


13C8-PFOS-EIS



QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:28:51 Pacific Daylight Time

Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.55e3	0.113		1.22						
2	4	PFPeA	263.1 > 218.9		5.97e3	0.113		2.17						
3	5	PFBS	299.0 > 80		8.20e2	0.113		2.45						YES
4	7	PFHxA	313.0 > 269.0		7.56e3	0.113		2.98						YES
5	11	PFHpA	363.0 > 319		7.34e3	0.113		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.55e3		0.113	289.289	1.22	1.22	4550	138.9912	125.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.97e3		0.113	588.947	2.15	2.17	5970	89.7274	81.1		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.20e2		0.113	81.912	2.43	2.45	820	88.5682	80.1		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.56e3		0.113	849.096	3.15	2.98	7560	78.7750	71.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.34e3		0.113	724.419	3.58	3.59	7340	89.6837	81.1		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.60e3	0.113		3.73						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.60e3	0.113		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		8.40e2	0.113		4.04						YES
15	19	PFHpS	449.0 > 80		1.60e3	0.113		4.25						YES
16	21	PFNA	463.0 > 418.8		8.63e3	0.113		4.55						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.60e3		0.113	171.580	3.92	3.73	1600	82.4931	74.6		
18	61	13C3-PFHxS-EIS	402 > 80	1.60e3		0.113	171.580	3.92	3.73	1600	82.4931	74.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	8.40e2		0.113	92.769	4.50	4.04	840	80.1291	72.5		
20	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.63e3		0.113	827.265	4.74	4.55	8630	92.3205	83.5		
22	-1													
23	16	L-PFOA	413 > 369		7.66e3	0.113		4.10						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.66e3	0.113		4.60		0.000				
25	23	L-PFOS	499 > 80		1.60e3	0.113		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.60e3	0.113		4.60		0.000				
27	22	PFOSA	498 > 78		1.67e3	0.113		4.60						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.66e3		0.113	808.136	4.09	4.10	7660	83.8386	75.8		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.66e3		0.113	808.136	4.09	4.10	7660	83.8386	75.8		
30	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		
31	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		
32	67	13C8-PFOSA-EIS	506 > 78	1.67e3		0.113	257.965	4.59	4.60	1670	57.1175	51.7		
33	-1													
34	26	PFDA	513 > 469		1.01e4	0.113		4.93						YES
35	27	8:2 FTS	527.1 > 507		7.95e2	0.113		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.44e3	0.113		5.08						YES

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:28:51 Pacific Daylight Time

Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.44e3	0.113		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.90e3	0.113		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.01e4		0.113	1081.744	4.93	4.93	10100	82.9707	75.0		
40	75	13C2-8:2 FTS-EIS	529 > 80	7.95e2		0.113	90.113	4.90	4.90	795	78.0862	70.6		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.44e3		0.113	255.309	5.07	5.08	2440	84.5839	76.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.44e3		0.113	255.309	5.07	5.08	2440	84.5839	76.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.90e3		0.113	985.591	5.01	5.26	8900	79.8528	72.2		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.37e3	0.113		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.37e3	0.113		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.60e3	0.113		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.75e3	0.113		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.75e3	0.113		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.37e3		0.113	255.567	5.23	5.24	2370	81.9469	74.1		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.37e3		0.113	255.567	5.23	5.24	2370	81.9469	74.1		
52	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.75e3		0.113	1022.097	5.54	5.55	8750	75.7171	68.5		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.75e3		0.113	1022.097	5.54	5.55	8750	75.7171	68.5		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.83e3	0.113		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		1.90e3	0.113		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		2.51e3	0.113		6.03						YES
59	43	PFHxDA	813 > 769		6.42e3	0.113		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		6.36e3	0.113		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.83e3		0.113	1007.986	6.01	6.03	7830	68.7217	62.1		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.90e3		0.113	87.979	5.45	5.60	1900	191.1318	14.5		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.51e3		0.113	120.051	6.40	6.05	2510	185.2112	14.0		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.42e3		0.113	1310.023	6.36	6.37	6420	43.3593	39.2		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.36e3		0.113	100.447	6.25	6.26	6360	560.2709	42.4		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.29e3	0.113		6.41						
68	1...	TDCA	498.3>106.9			0.113		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		
70	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		
71	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.29e3		0.113	108.100	6.40	6.41	7290	596.6406	45.2		

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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Printed: Tuesday, June 02, 2020 11:28:51 Pacific Daylight Time

Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.60e3		0.113	167.288	4.76	4.63	1600	84.4121	76.3		

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
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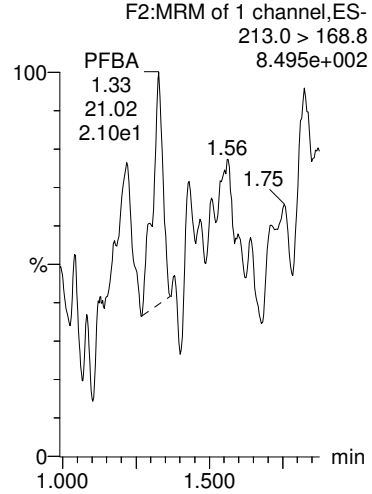
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

PFBA



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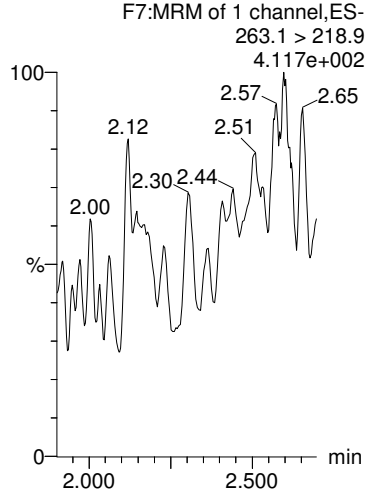

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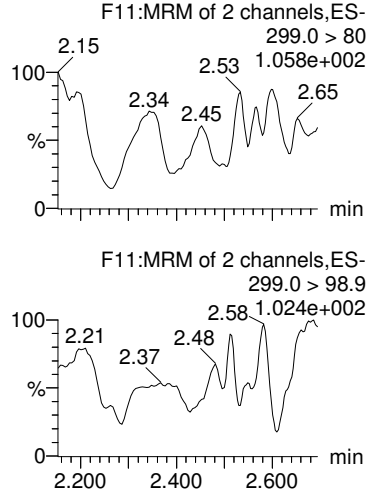
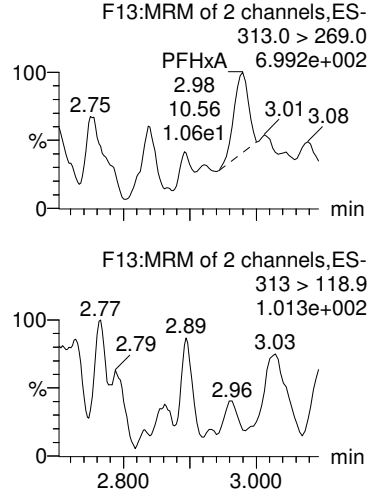
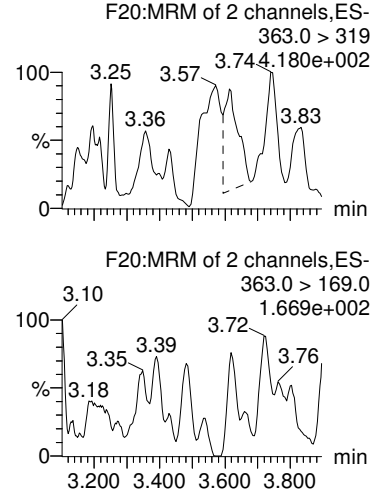


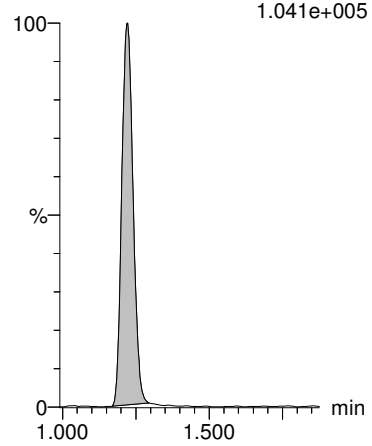
PFHxA



PFHpA



13C3-PFBA-EIS



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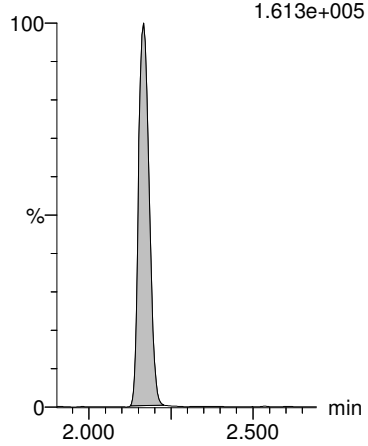

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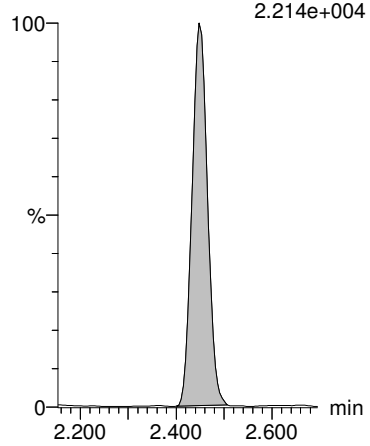

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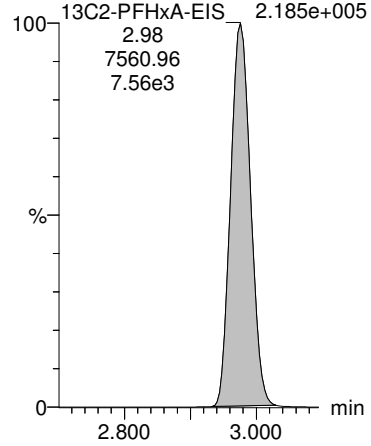

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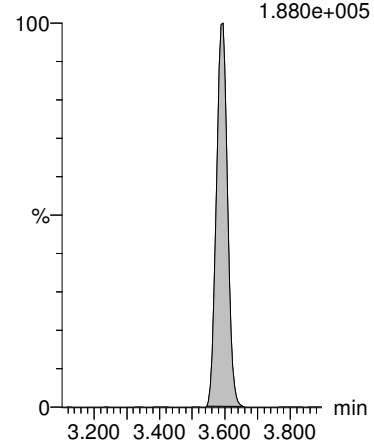

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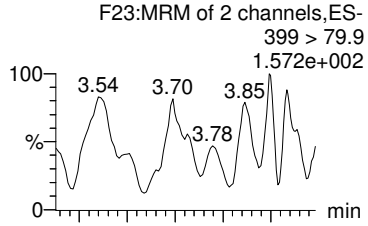
Review: AMR 6/2/2020

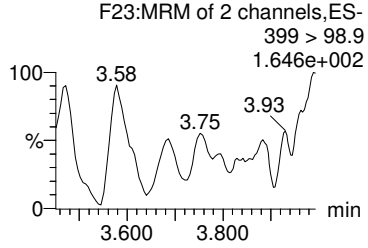
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:28:51 Pacific Daylight Time

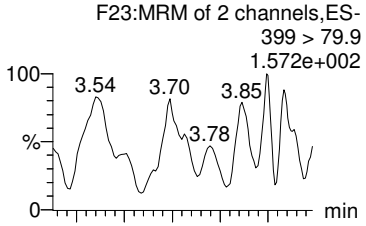
Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

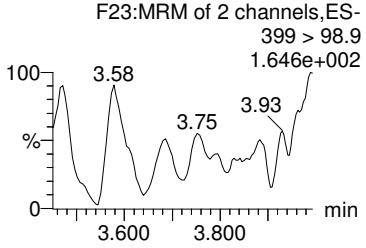
L-PFHxS



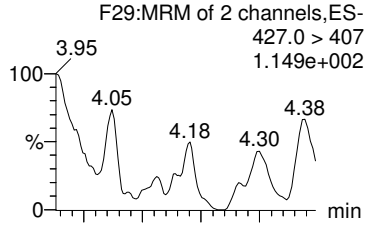


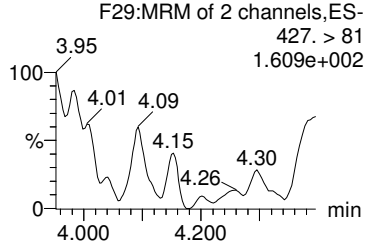
Total PFHxS





6:2 FTS





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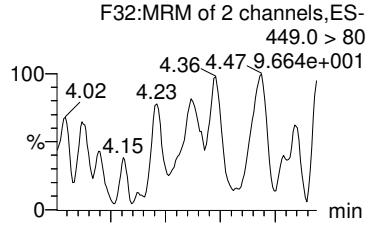

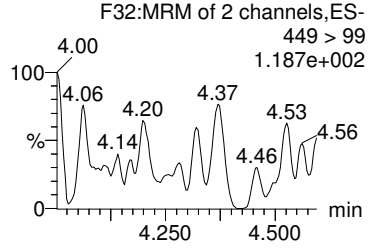

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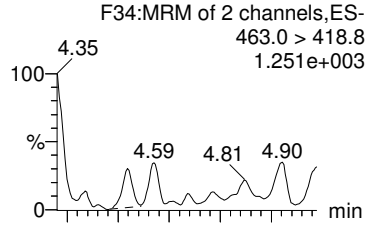

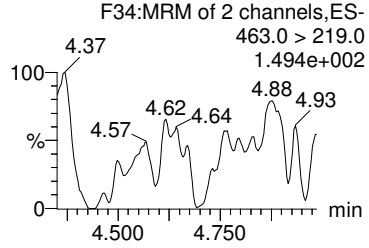

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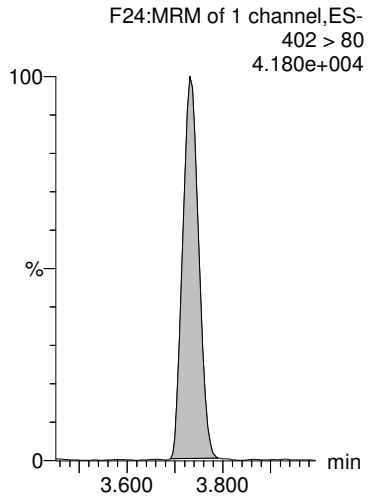

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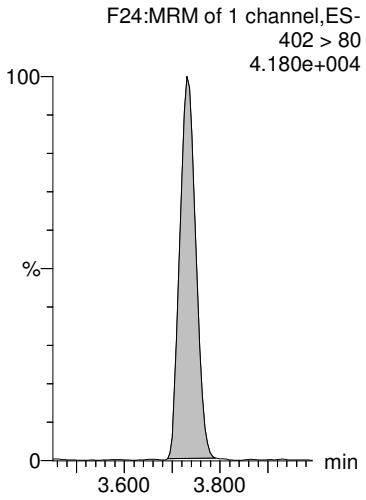

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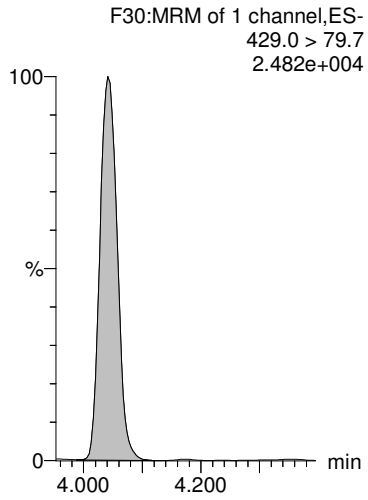
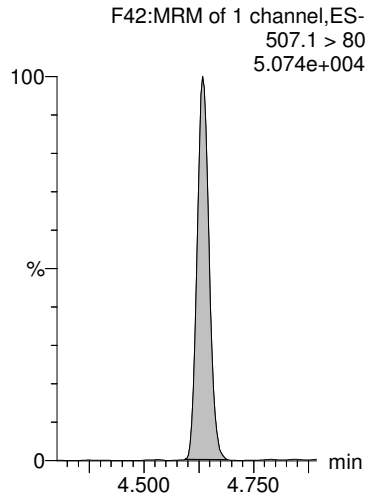


13C8-PFOS-EIS



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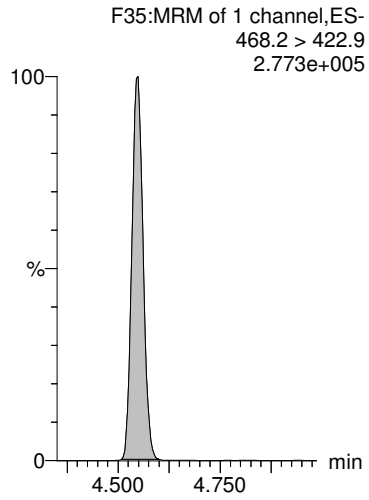


QPV 6/2/2020

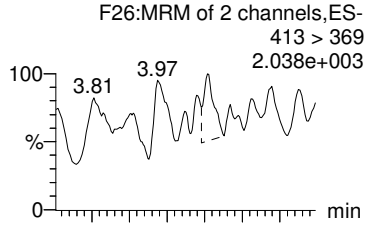
Review: AMR 6/2/2020

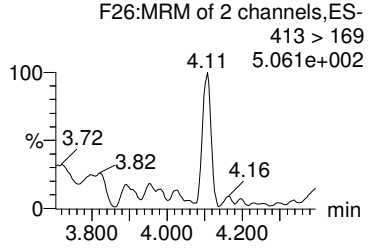
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:28:51 Pacific Daylight Time

Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

L-PFOA





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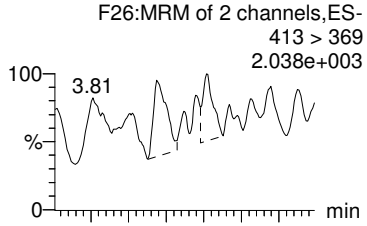
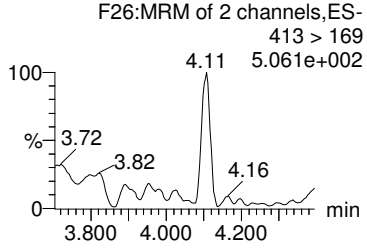
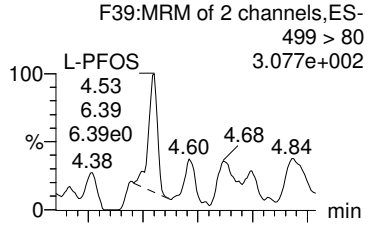
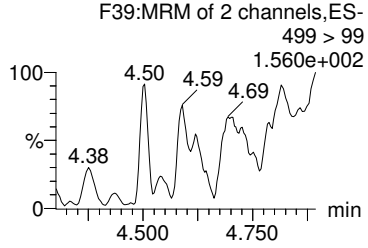




L-PFOS





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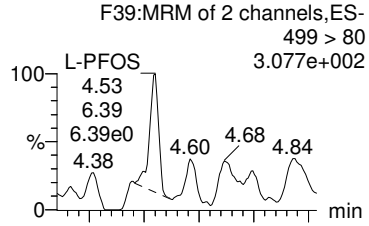

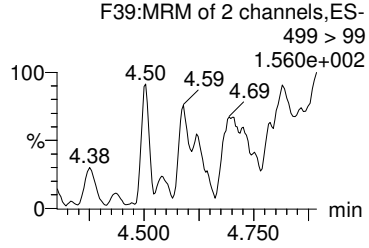

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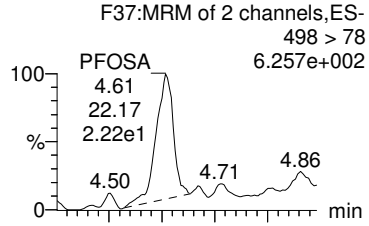

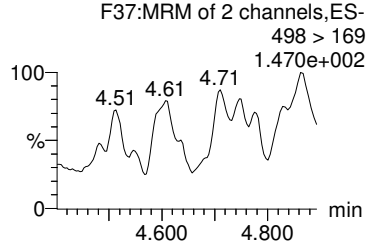

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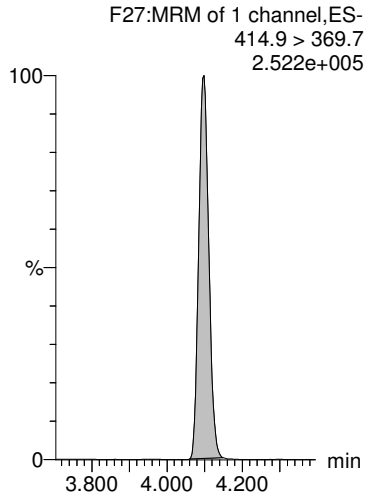

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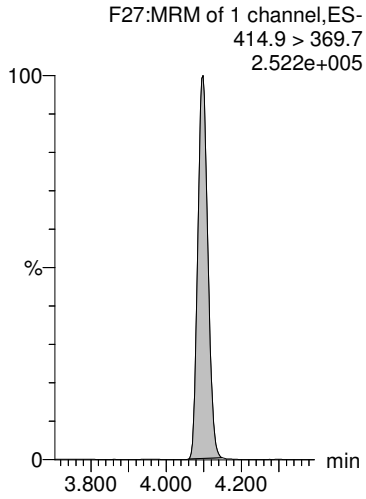

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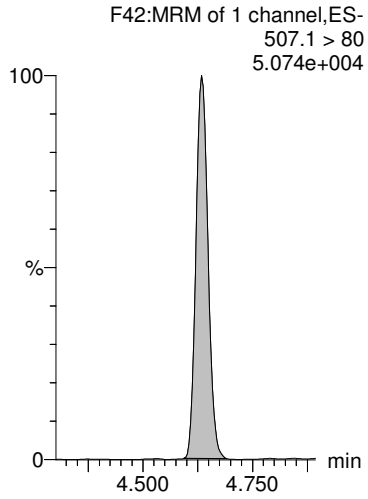

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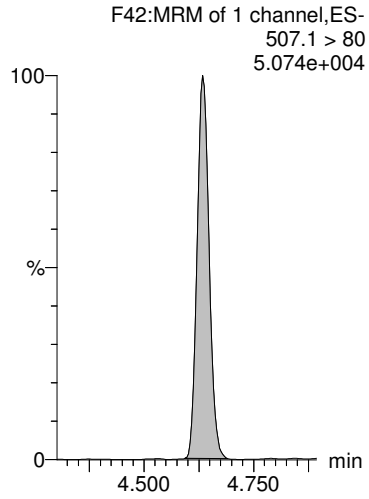

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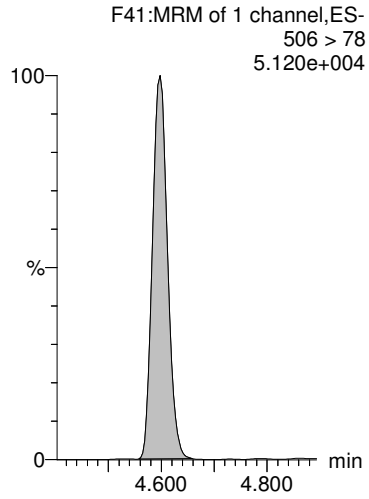

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
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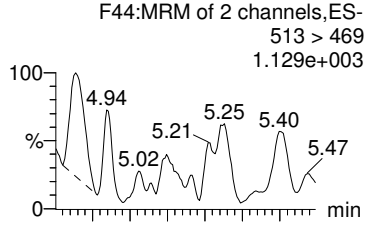
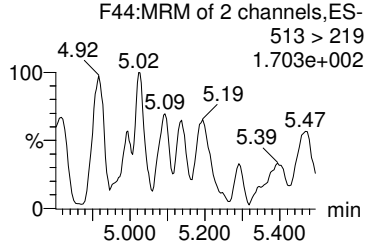
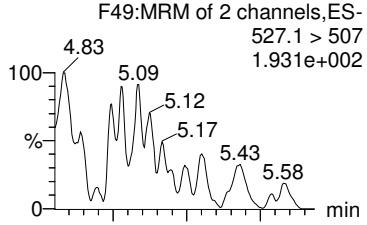
Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

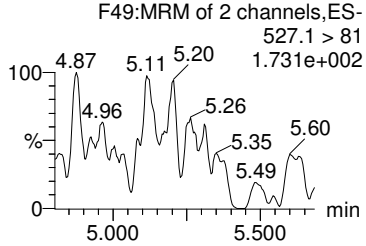
PFDA



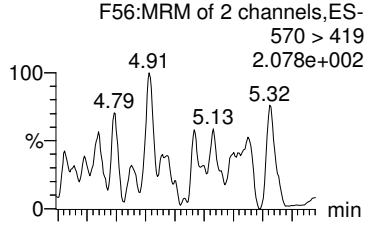


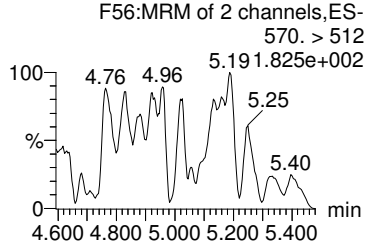
8:2 FTS





L-MeFOSAA





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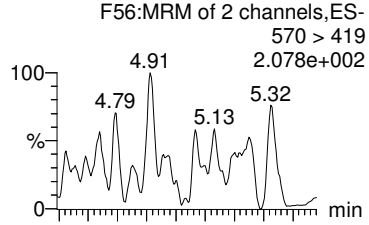

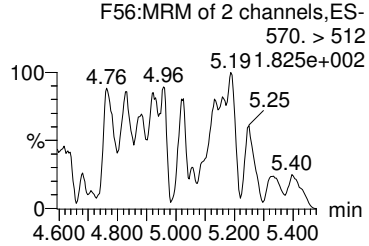

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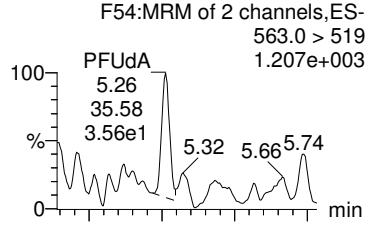

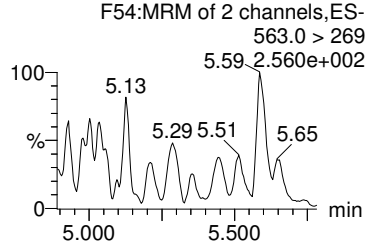

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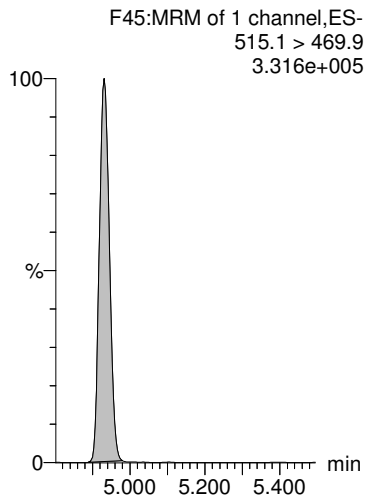

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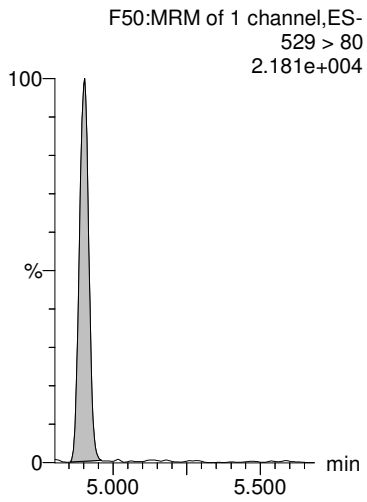

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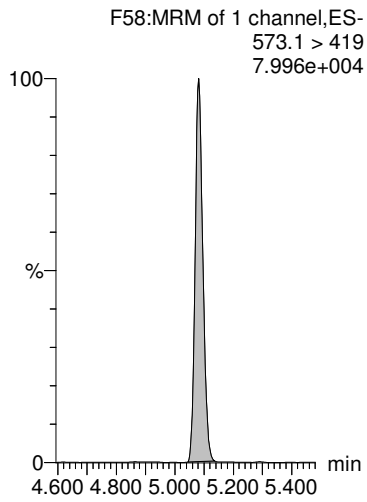

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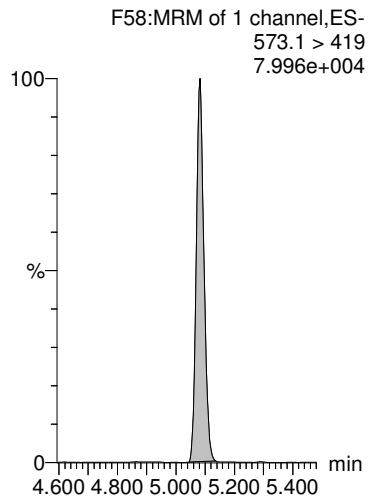

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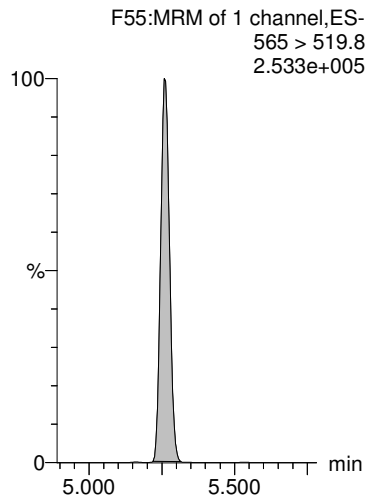

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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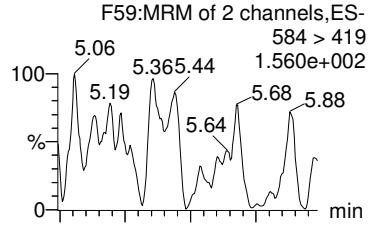
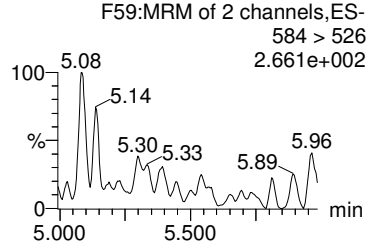
Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

L-EtFOSAA





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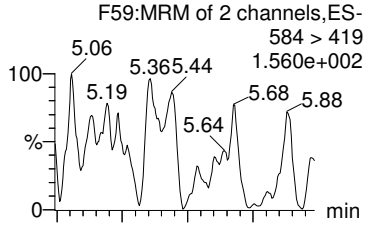

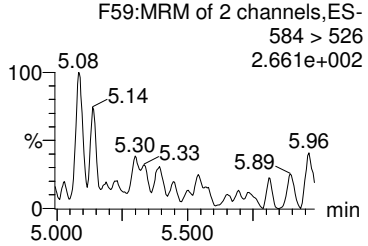

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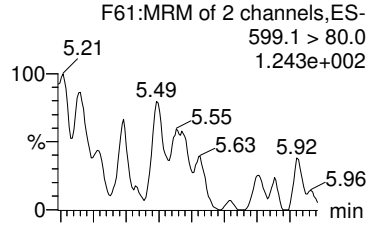

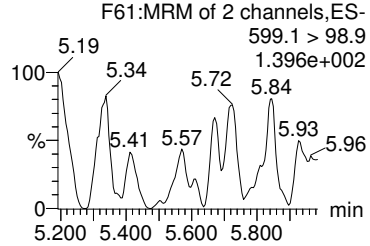

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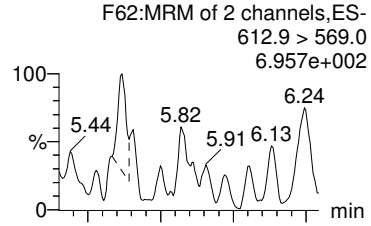
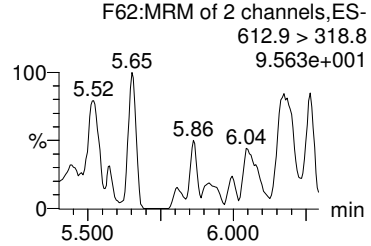
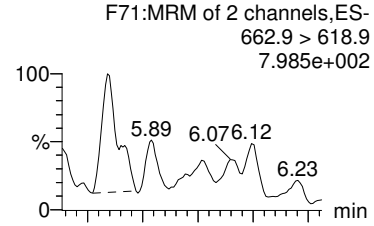
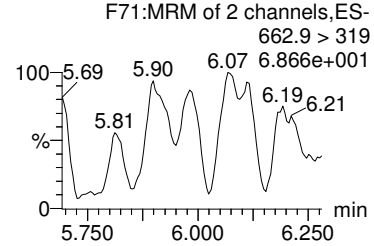


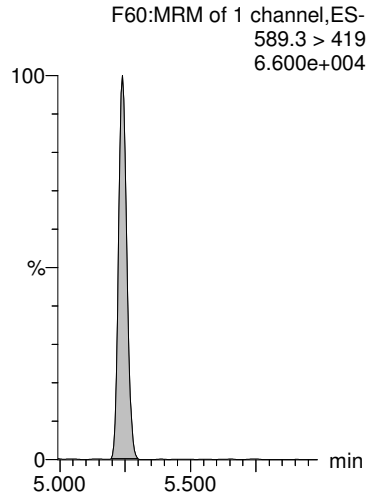


PFTrDA





d5-N-EtFOSAA-EIS



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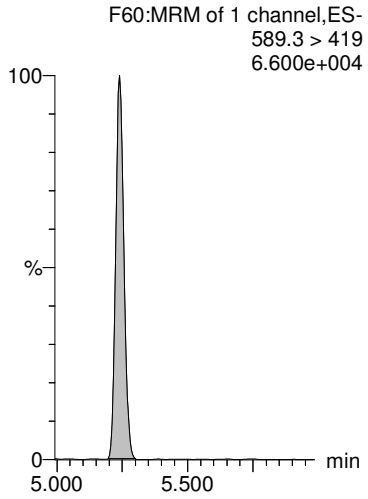
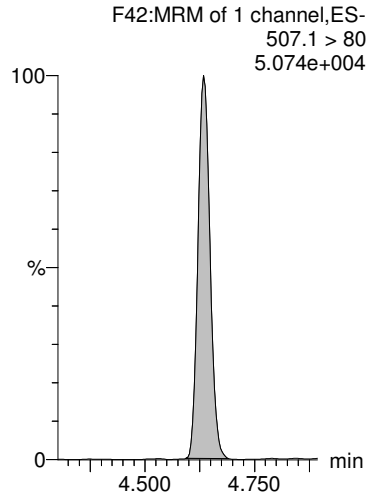


13C8-PFOS-EIS



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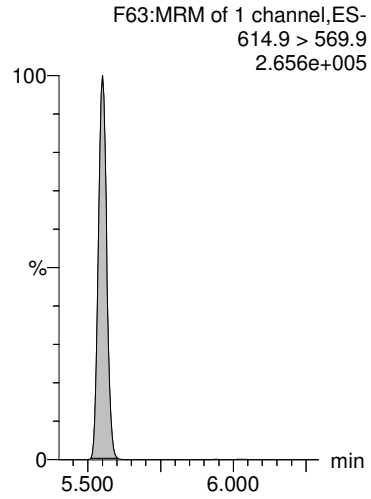

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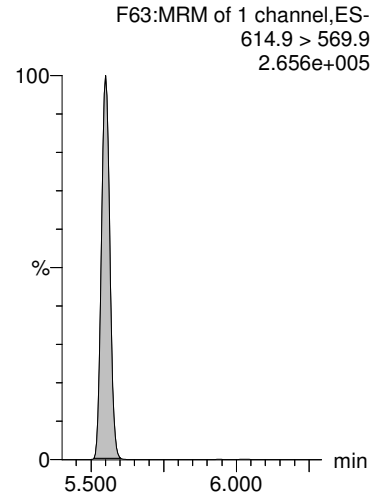


QPV 6/2/2020

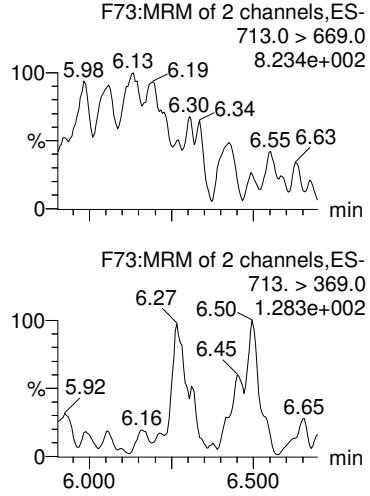
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

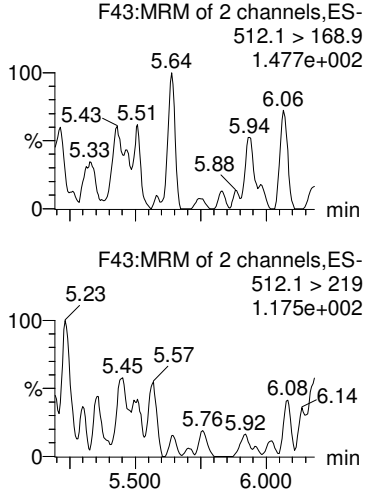
Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:28:51 Pacific Daylight Time

Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

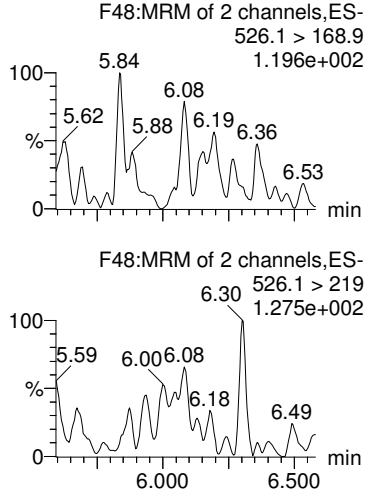
PFTeDA



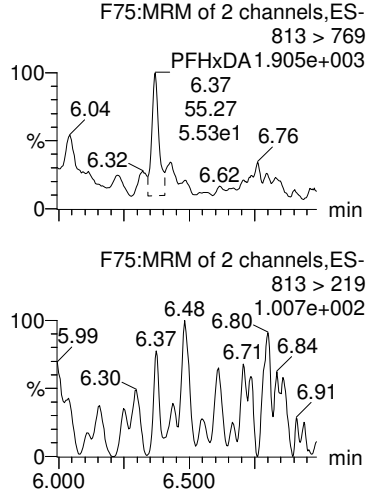
N-MeFOSA



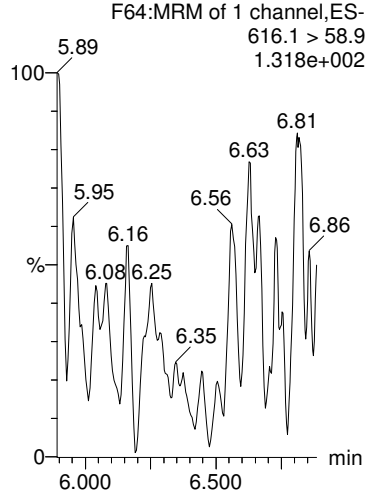
N-EtFOSA



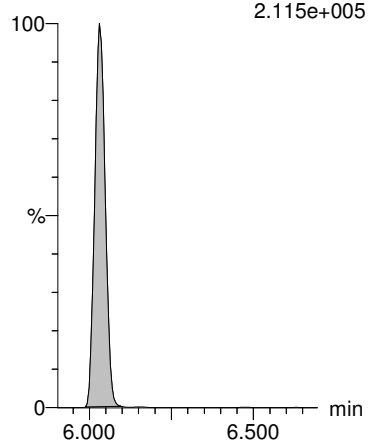
PFHxDA



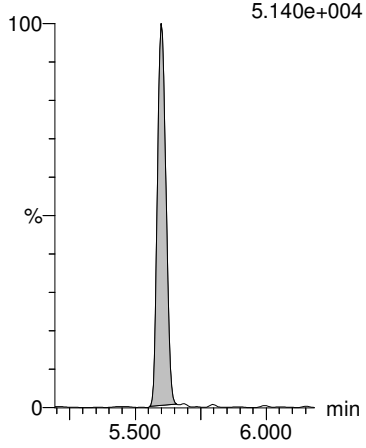
N-MeFOSE



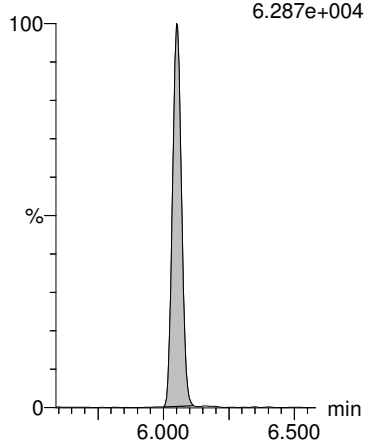
13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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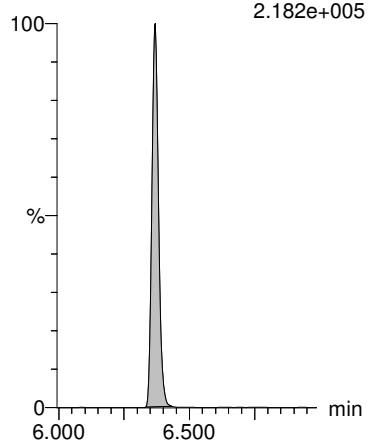

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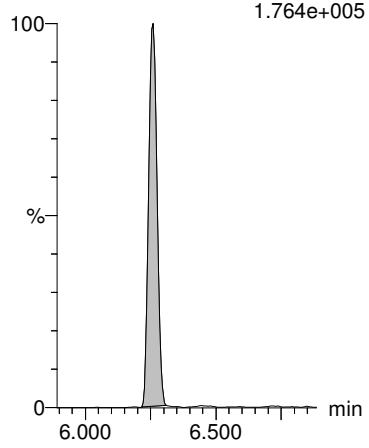


QRV 6/2/2020

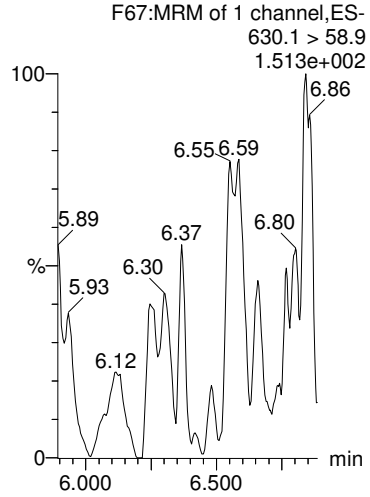
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

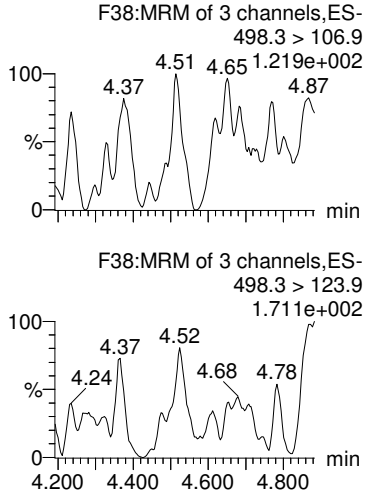
Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:28:51 Pacific Daylight Time

Name: 200527P1-36, Date: 27-May-2020, Time: 18:17:54, ID: 2001078-07 GW-AE-4A 0.11304, Description: GW-AE-4A

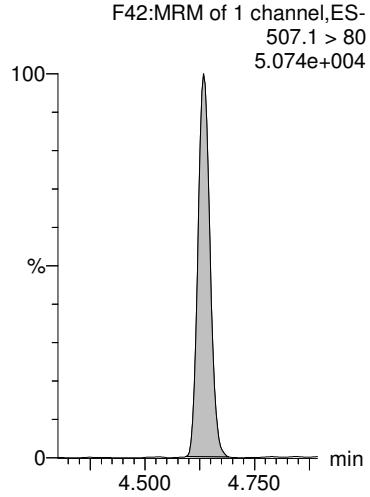
N-EtFOSE



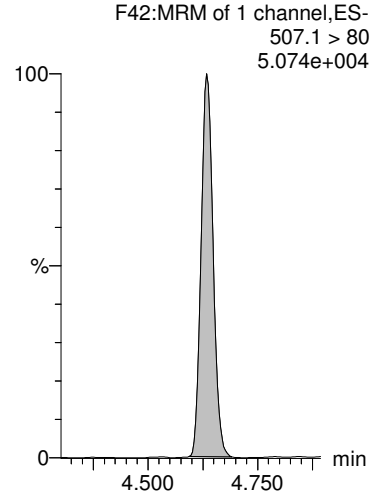
TDCA



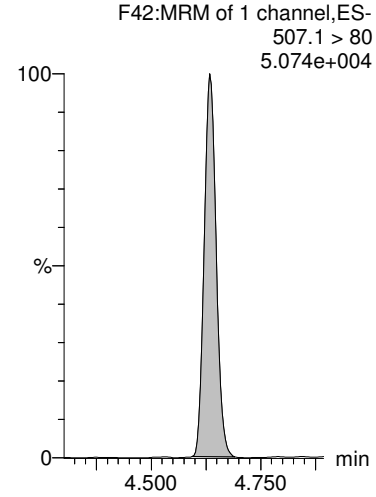
13C8-PFOS-EIS



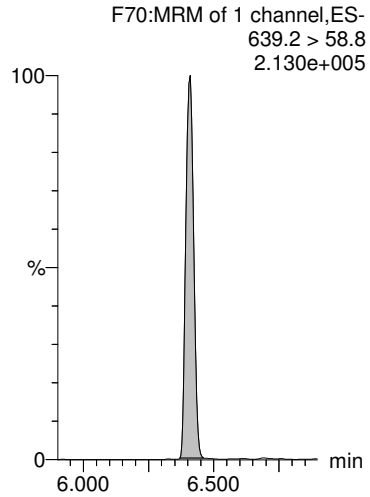
13C8-PFOS-EIS



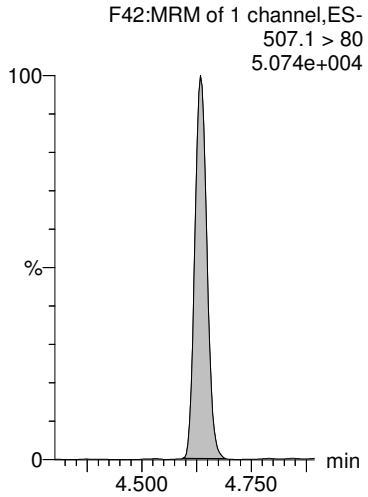
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QRV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:14:37 Pacific Daylight Time

Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.80e3	0.121		1.21						
2	4	PFPeA	263.1 > 218.9		6.47e3	0.121		2.16						
3	5	PFBS	299.0 > 80		8.39e2	0.121		2.44						YES
4	7	PFHxA	313.0 > 269.0		8.25e3	0.121		2.97						YES
5	11	PFHpA	363.0 > 319		7.16e3	0.121		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.80e3		0.121	289.289	1.22	1.21	4800	137.3167	132.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.47e3		0.121	588.947	2.15	2.16	6470	90.9397	87.9		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.39e2		0.121	81.912	2.43	2.44	839	84.7471	82.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.25e3		0.121	849.096	3.15	2.97	8250	80.3872	77.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.16e3		0.121	724.419	3.58	3.59	7160	81.7819	79.1		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.74e3	0.121		3.73						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.74e3	0.121		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.81e2	0.121		4.04						YES
15	19	PFHpS	449.0 > 80		1.59e3	0.121		4.25						YES
16	21	PFNA	463.0 > 418.8		8.75e3	0.121		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.74e3		0.121	171.580	3.92	3.73	1740	83.9264	81.2		
18	61	13C3-PFHxS-EIS	402 > 80	1.74e3		0.121	171.580	3.92	3.73	1740	83.9264	81.2		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.81e2		0.121	92.769	4.50	4.04	981	87.4825	84.6		
20	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.75e3		0.121	827.265	4.74	4.54	8750	87.5305	84.7		
22	-1													
23	16	L-PFOA	413 > 369		8.18e3	0.121		4.09						YES
24	1...	Total PFOA	413 > 369	0.00e0	8.18e3	0.121		4.60		0.000				
25	23	L-PFOS	499 > 80		1.59e3	0.121		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.59e3	0.121		4.60		0.000				
27	22	PFOSA	498 > 78		1.52e3	0.121		4.60						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.18e3		0.121	808.136	4.09	4.09	8180	83.7611	81.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.18e3		0.121	808.136	4.09	4.09	8180	83.7611	81.0		
30	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		
31	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		
32	67	13C8-PFOSA-EIS	506 > 78	1.52e3		0.121	257.965	4.59	4.60	1520	48.7968	47.2		
33	-1													
34	26	PFDA	513 > 469		1.06e4	0.121		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.82e2	0.121		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.51e3	0.121		5.08						YES

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Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:14:37 Pacific Daylight Time

Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.51e3	0.121		5.19		0.000				
38	33	PFUdA	563.0 > 519		9.13e3	0.121		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.06e4		0.121	1081.744	4.93	4.93	10600	81.1523	78.5		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.82e2		0.121	90.113	4.90	4.90	882	80.9288	78.3		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.51e3		0.121	255.309	5.07	5.08	2510	81.1677	78.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.51e3		0.121	255.309	5.07	5.08	2510	81.1677	78.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.13e3		0.121	985.591	5.01	5.26	9130	76.6633	74.1		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.22e3	0.121		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.22e3	0.121		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.59e3	0.121		5.25						YES
48	37	PFDoA	612.9 > 569.0		9.71e3	0.121		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.71e3	0.121		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.22e3		0.121	255.567	5.23	5.24	2220	71.7115	69.4		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.22e3		0.121	255.567	5.23	5.24	2220	71.7115	69.4		
52	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.71e3		0.121	1022.097	5.54	5.55	9710	78.5836	76.0		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.71e3		0.121	1022.097	5.54	5.55	9710	78.5836	76.0		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.52e3	0.121		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		1.41e3	0.121		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		1.58e3	0.121		6.03						YES
59	43	PFHxDA	813 > 769		7.60e3	0.121		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		5.32e3	0.121		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.52e3		0.121	1007.986	6.01	6.03	8520	69.9305	67.6		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.41e3		0.121	87.979	5.45	5.60	1410	132.5295	10.7		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.58e3		0.121	120.051	6.40	6.05	1580	108.8685	8.8		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.60e3		0.121	1310.023	6.36	6.37	7600	47.9656	46.4		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.32e3		0.121	100.447	6.25	6.26	5320	438.4214	35.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.17e3	0.121		6.41						
68	1...	TDCA	498.3>106.9			0.121		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		
70	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		
71	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.17e3		0.121	108.100	6.40	6.41	6170	472.2057	38.3		

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
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Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.121	167.288	4.76	4.63	1590	78.4455	75.9		

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Vista Analytical Laboratory L26

Review: AMR 6/3/2020

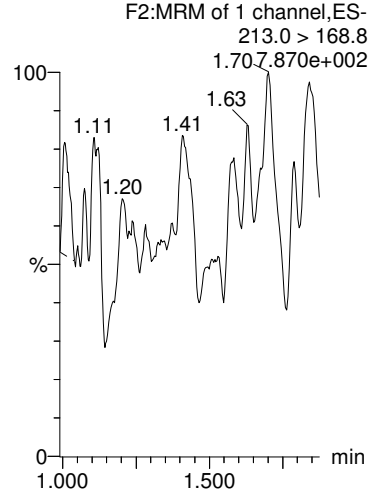
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:14:37 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

PFBA



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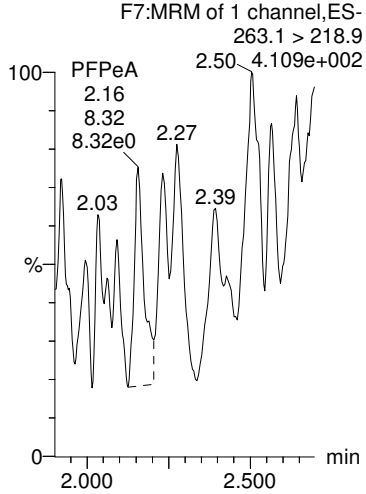

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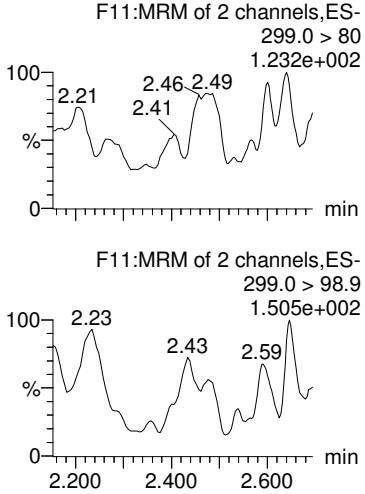

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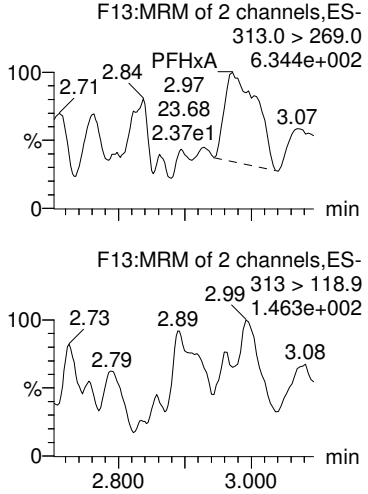

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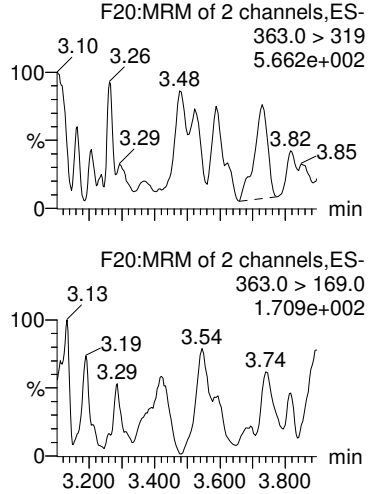
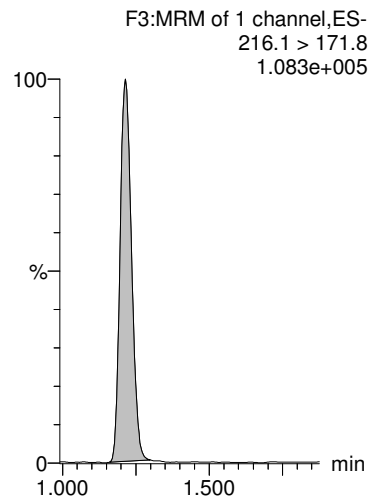


13C3-PFBA-EIS



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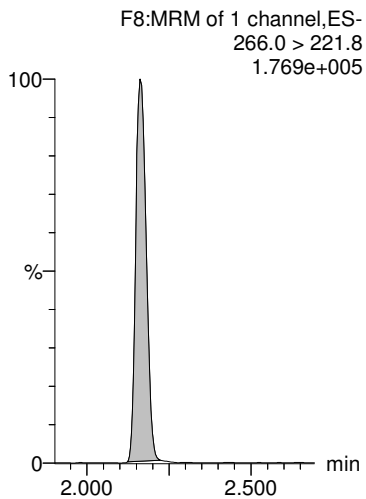

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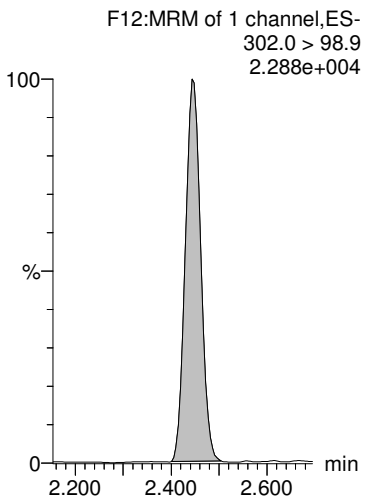

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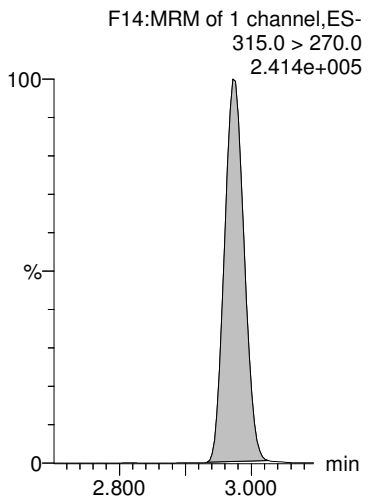

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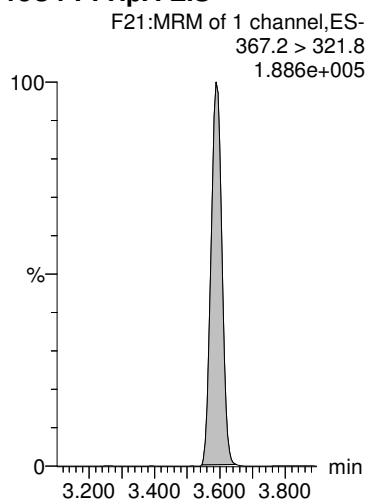

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:14:37 Pacific Daylight Time

Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

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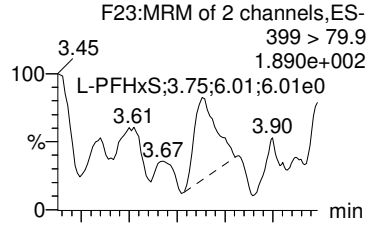
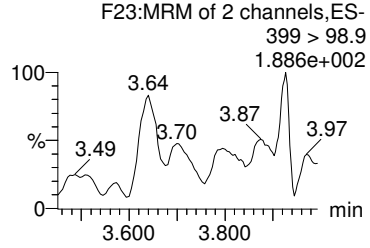
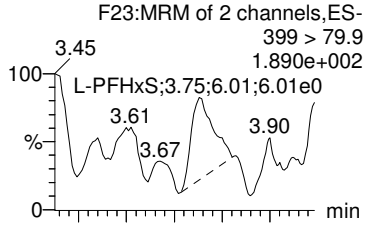
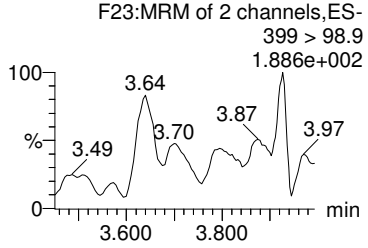


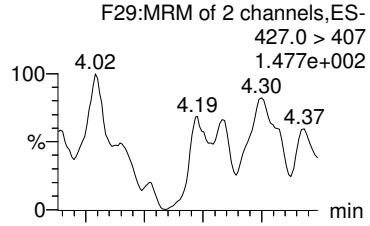


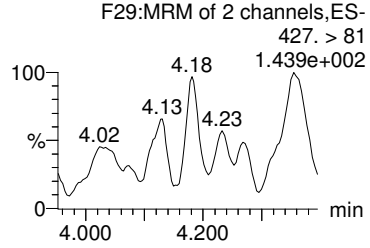
Total PFHxS





6:2 FTS





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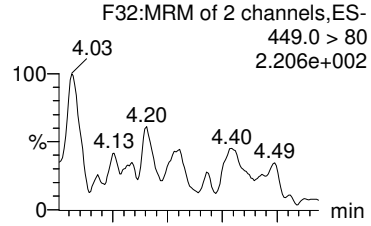

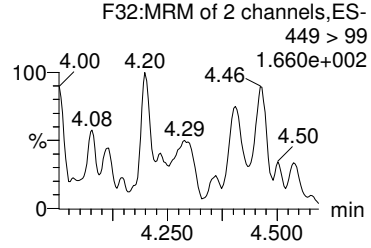

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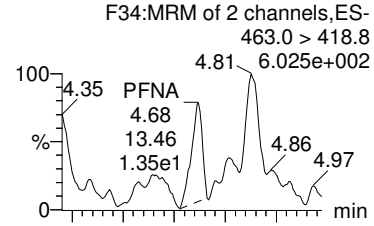

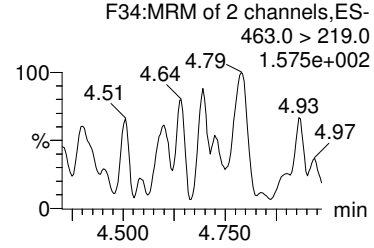

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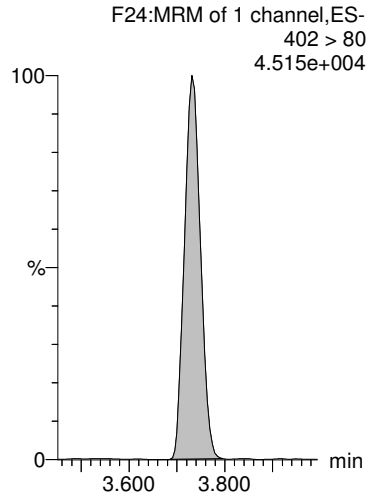

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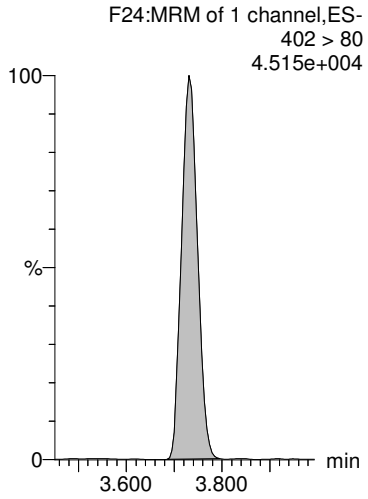

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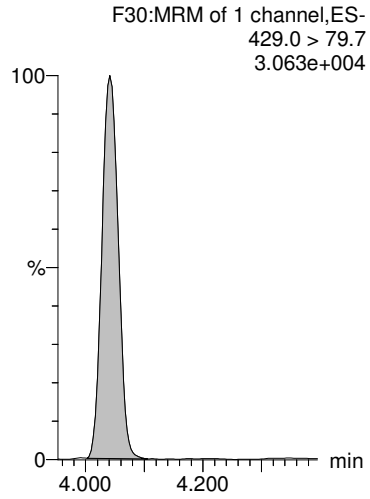

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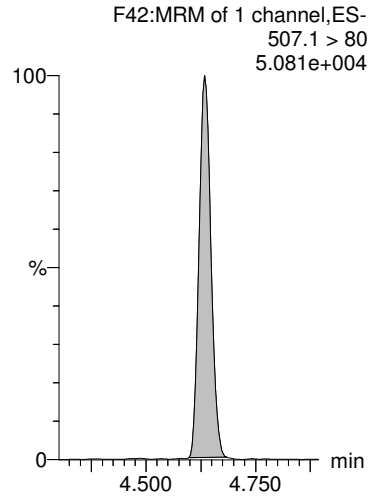
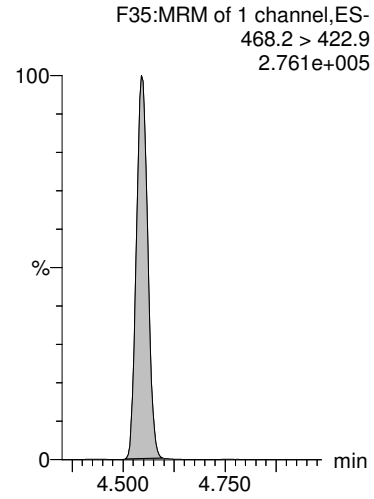


13C5-PFNA-EIS



QPV 6/2/2020

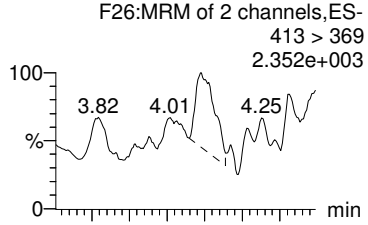
Review: AMR 6/3/2020

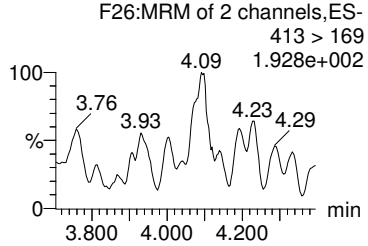
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:14:37 Pacific Daylight Time

Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

L-PFOA





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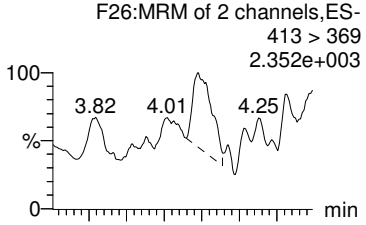
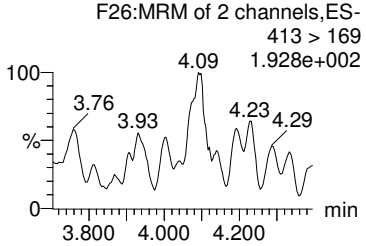
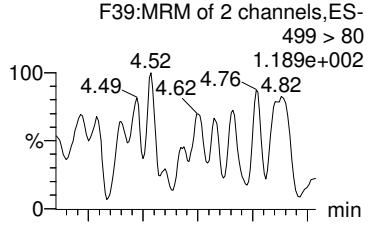
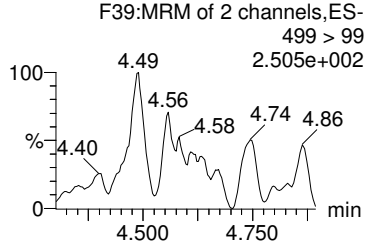




L-PFOS





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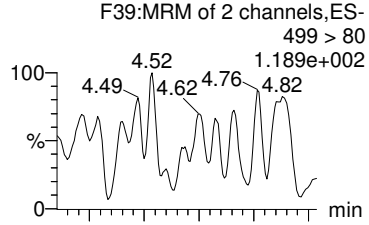

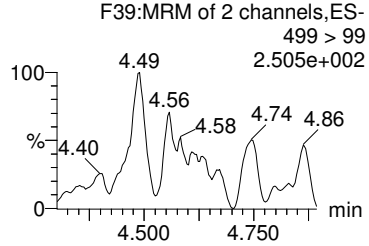

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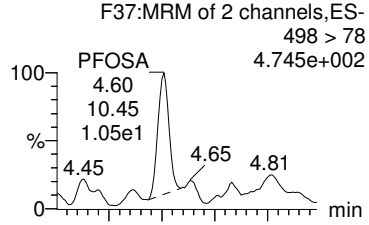

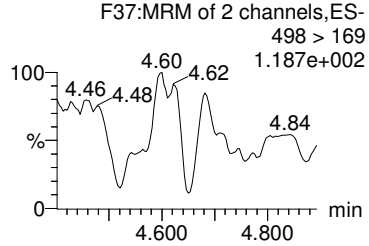

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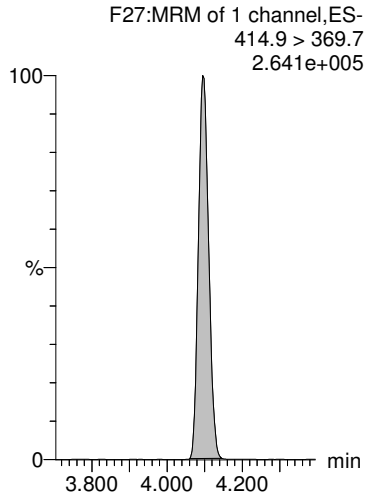

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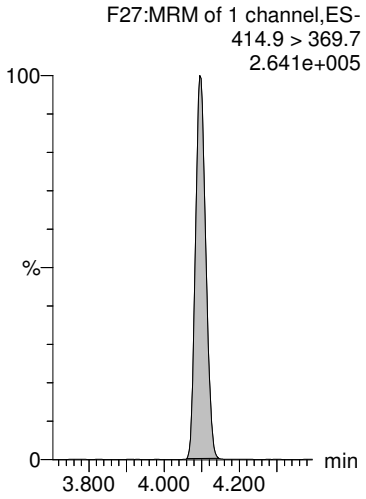

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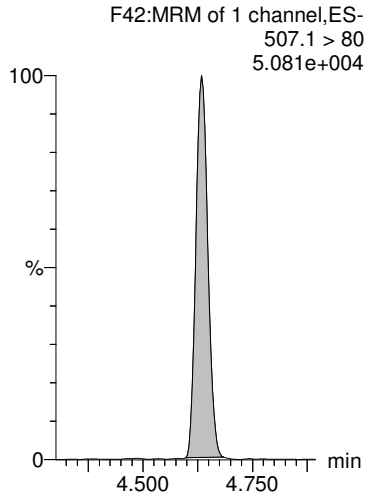

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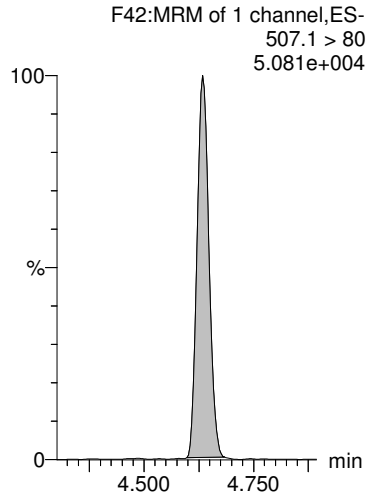

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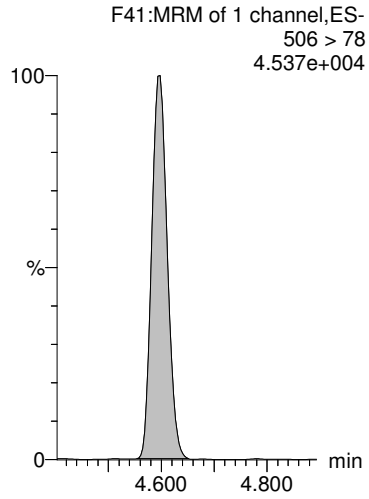

QPV 6/2/2020

Review: AMR 6/3/2020

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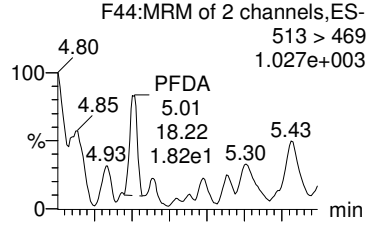
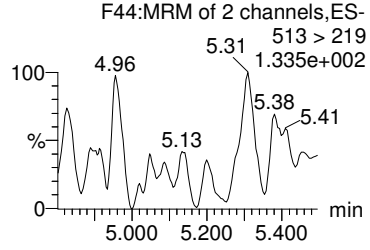
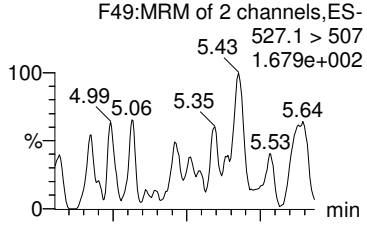
Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

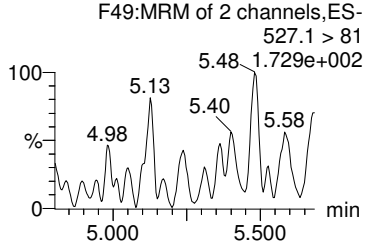
PFDA



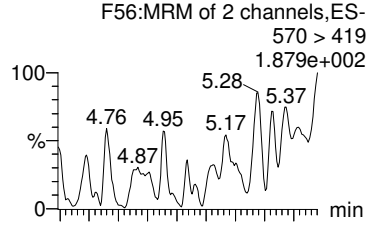


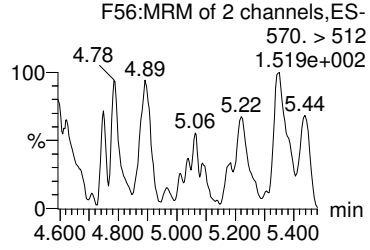
8:2 FTS





L-MeFOSAA





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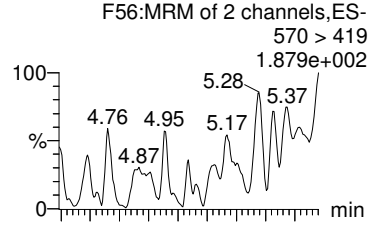
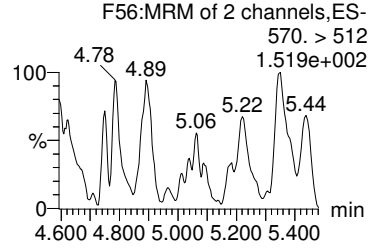
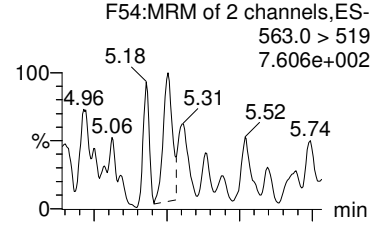
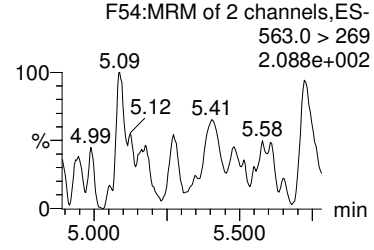




PFUdA





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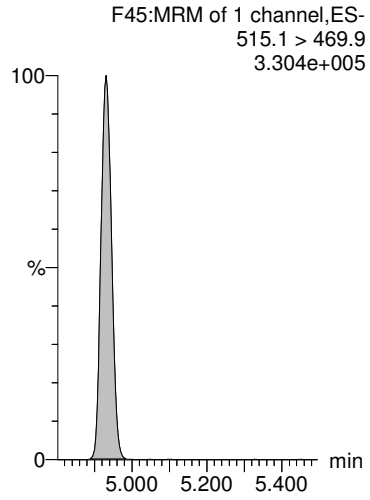
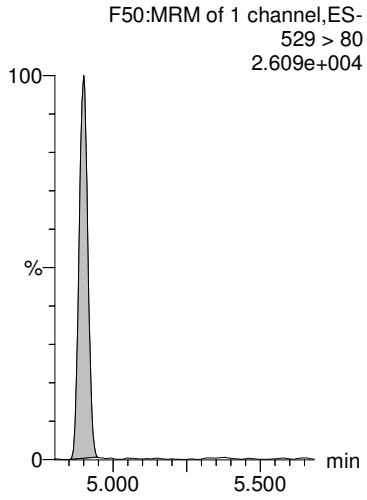
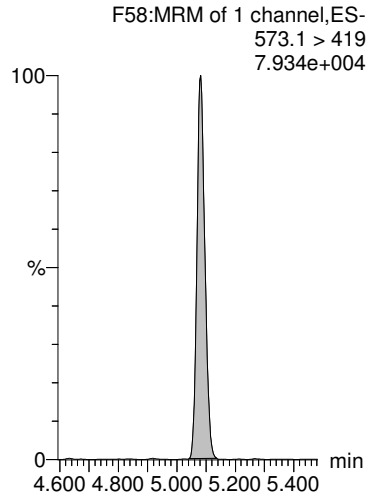


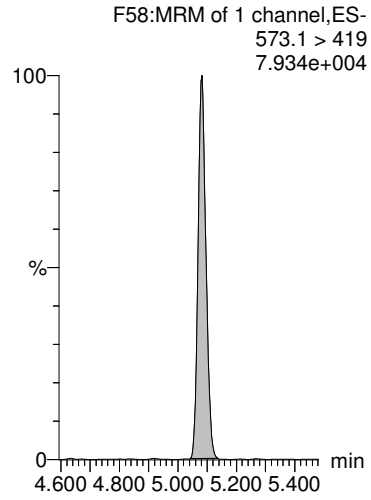
13C2-8:2 FTS-EIS



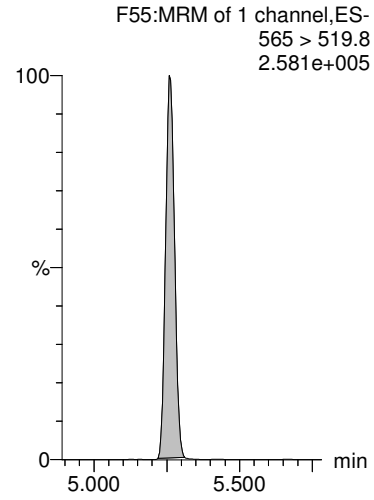
d3-N-MeFOSAA-EIS



d3-N-MeFOSAA-EIS



13C2-PFUdA-EIS



QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
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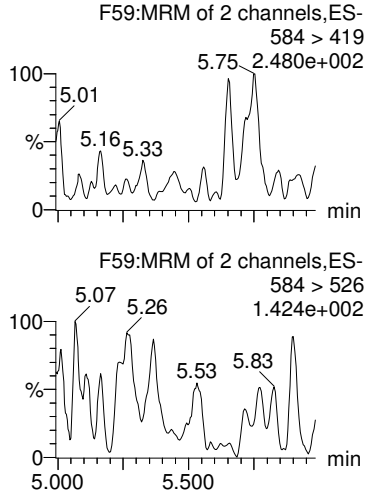
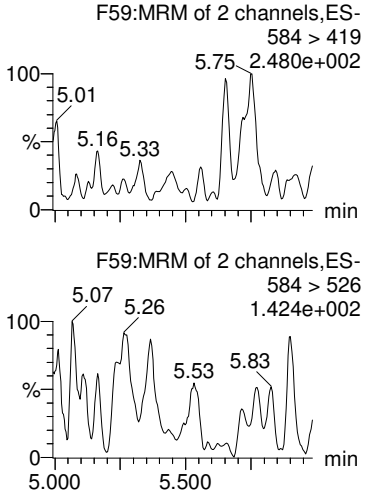
Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

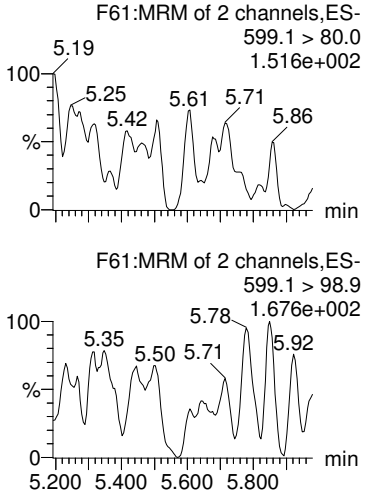
L-EtFOSAA



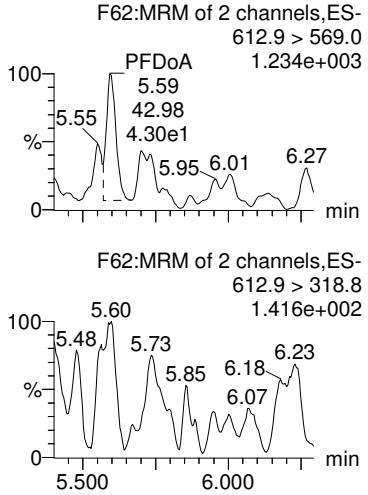
Total N-EtFOSAA



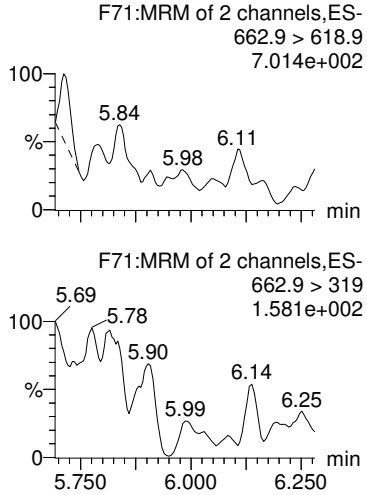
PFDS



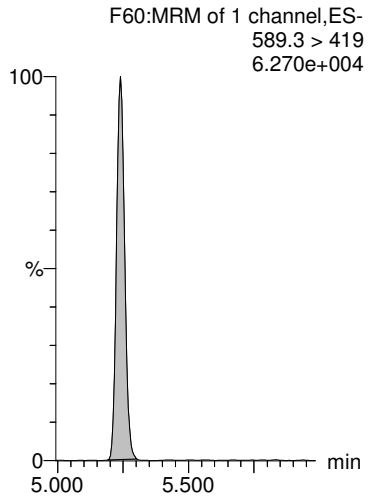
PFDoA



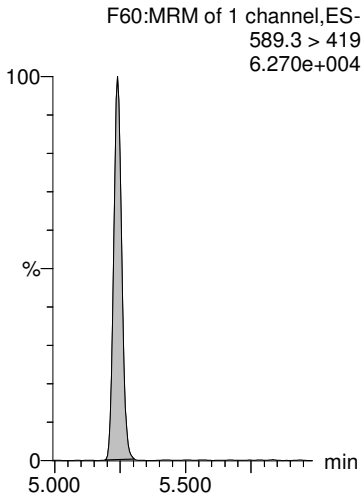
PFTrDA



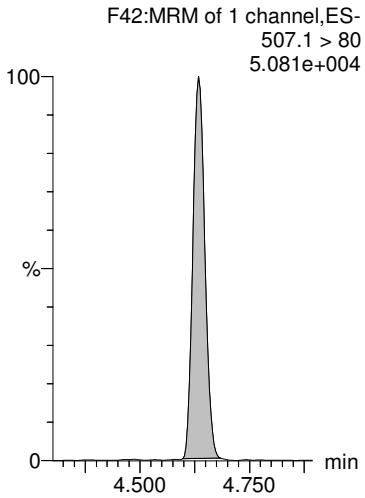
d5-N-EtFOSAA-EIS



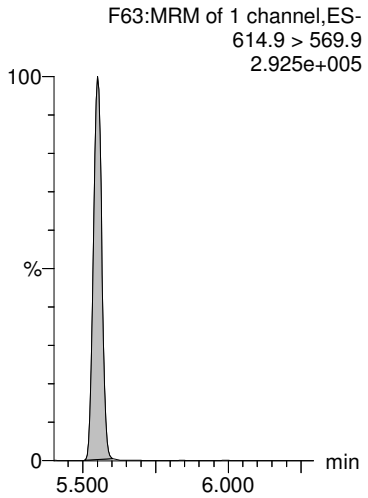
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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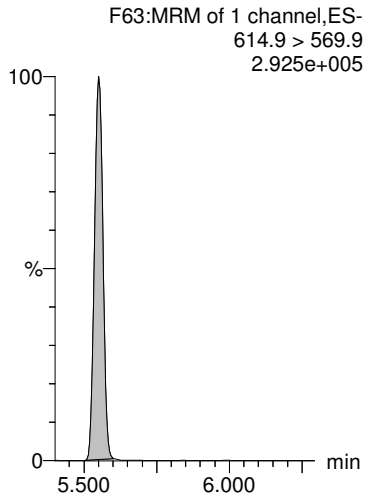


QPV 6/2/2020

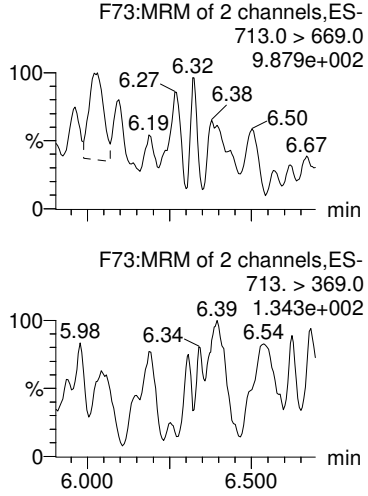
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

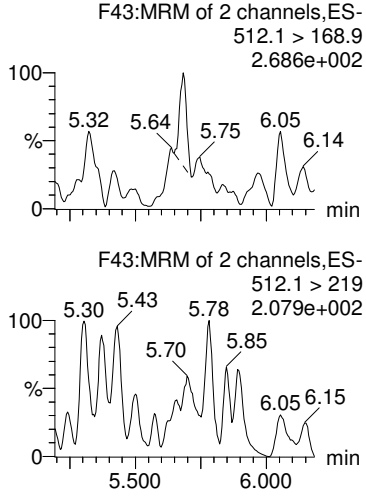
Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:14:37 Pacific Daylight Time

Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

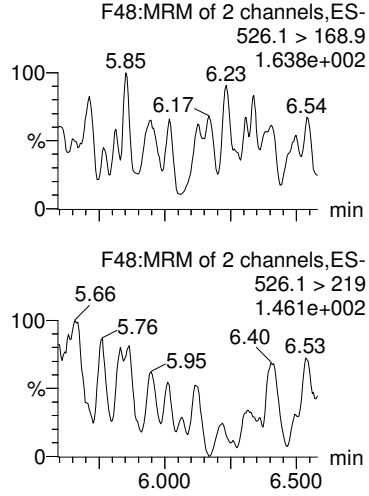
PFTeDA



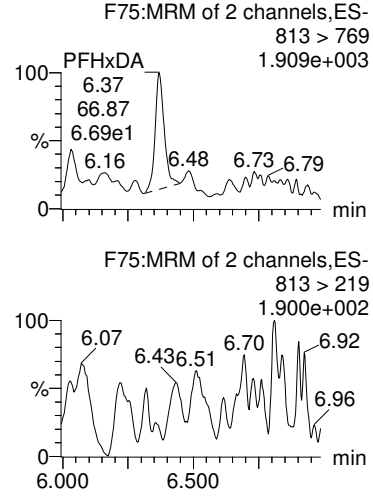
N-MeFOSA



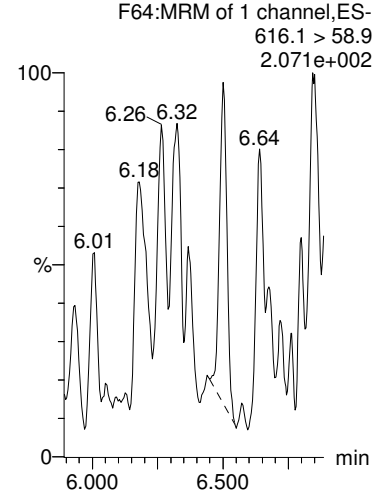
N-EtFOSA



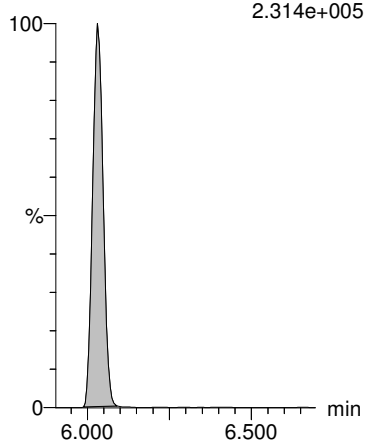
PFHxDA



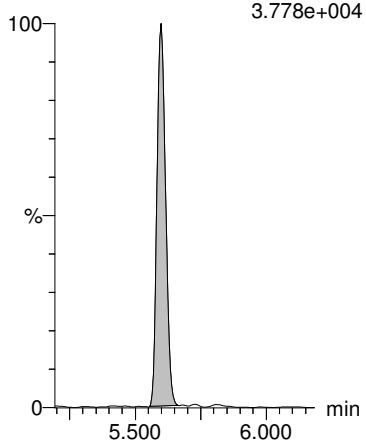
N-MeFOSE



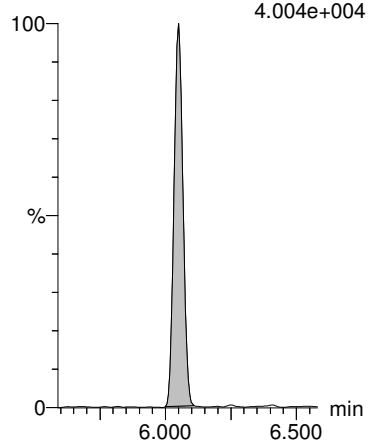
13C2-PFTeDA-EIS



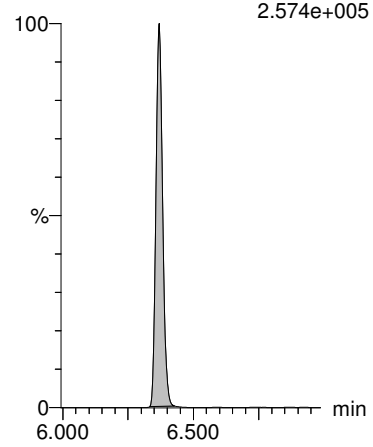
d3-N-MeFOSA-EIS



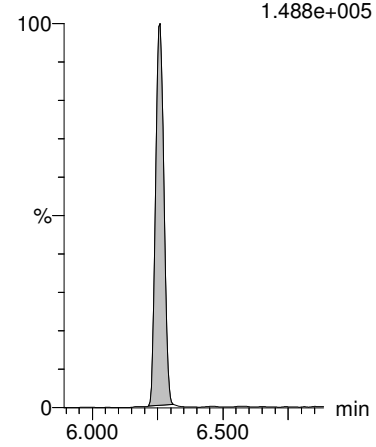
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



QRV 6/2/2020

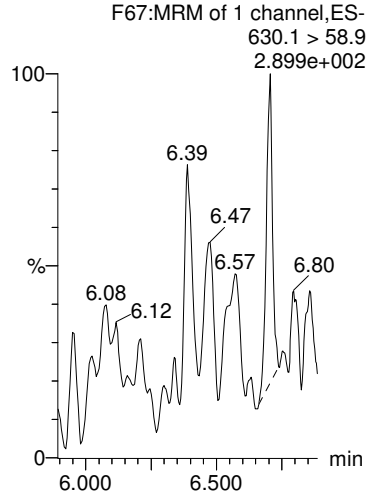
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

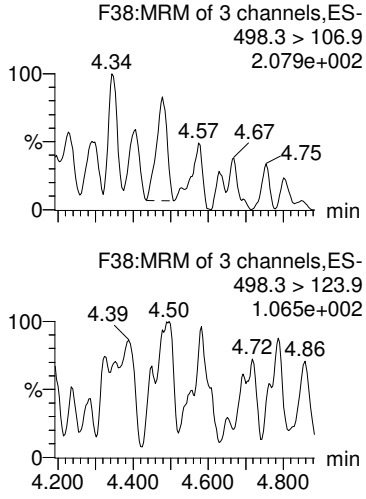
Last Altered: Tuesday, June 02, 2020 16:13:06 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:14:37 Pacific Daylight Time

Name: 200527P1-37, Date: 27-May-2020, Time: 18:28:26, ID: 2001078-08 GW-AE-4B 0.12089, Description: GW-AE-4B

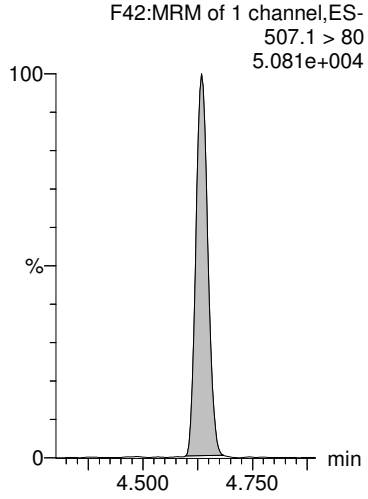
N-EtFOSE



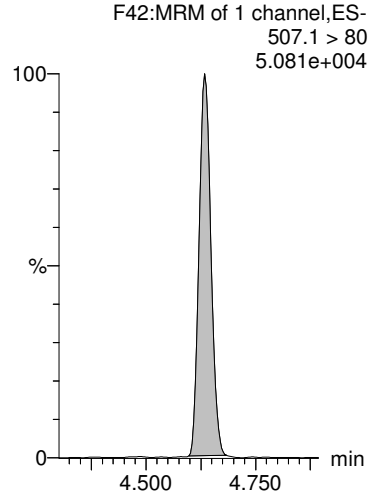
TDCA



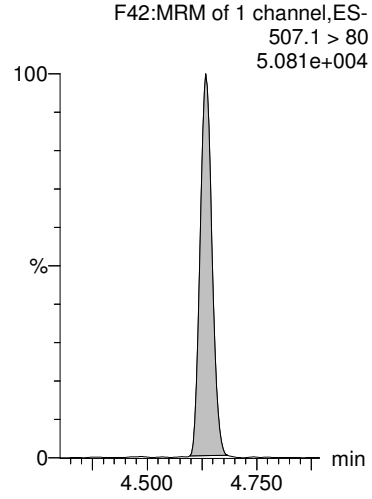
13C8-PFOS-EIS



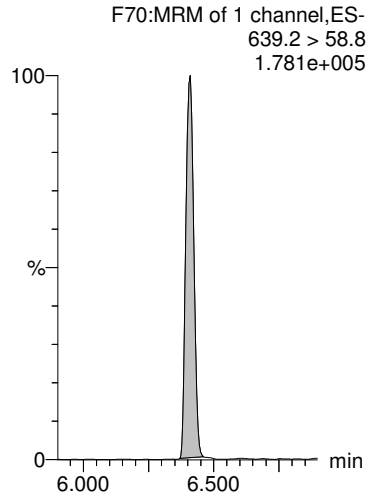
13C8-PFOS-EIS



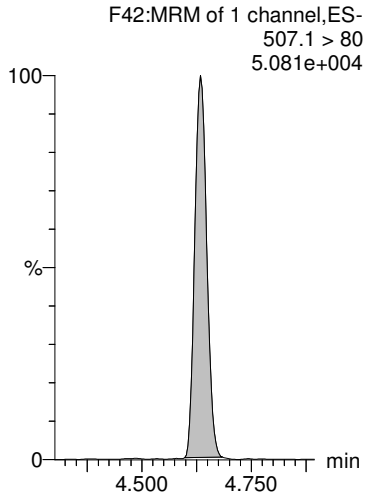
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:27:38 Pacific Daylight Time

Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4.31e2	4.68e3	0.112		1.21	1.21	1.15	9.5467			
2	4	PFPeA	263.1 > 218.9	7.58e2	6.36e3	0.112		2.16	2.16	1.49	15.0269			
3	5	PFBS	299.0 > 80	3.93e1	7.88e2	0.112		2.44	2.44	0.623	2.1999		3.34	NO
4	7	PFHxA	313.0 > 269.0	1.81e3	8.17e3	0.112		2.97	2.97	2.78	25.1542		16.3	NO
5	11	PFHpA	363.0 > 319	3.44e3	7.49e3	0.112		3.59	3.59	5.74	41.4859		47.7	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.68e3		0.112	289.289	1.22	1.21	4680	143.9628	129.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.36e3		0.112	588.947	2.15	2.16	6360	96.0855	86.5		
8	51	13C3-PFBS-EIS	302.0 > 98.9	7.88e2		0.112	81.912	2.43	2.44	788	85.5443	77.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.17e3		0.112	849.096	3.15	2.97	8170	85.5324	77.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.49e3		0.112	724.419	3.58	3.59	7490	91.9520	82.7		
11	-1													
12	13	L-PFHxS	399 > 79.9	1.32e2	1.68e3	0.112		3.73	3.73	0.979	8.1319		4.30	NO
13	1...	Total PFHxS	399 > 79.9	1.32e2	1.68e3	0.112		3.93		0.979	8.1319			
14	15	6:2 FTS	427.0 > 407		9.01e2	0.112		4.04						YES
15	19	PFHpS	449.0 > 80		1.59e3	0.112		4.25						YES
16	21	PFNA	463.0 > 418.8	7.83e2	8.16e3	0.112		4.54	4.54	1.20	9.9995		12.2	YES
17	61	13C3-PFHxS-EIS	402 > 80	1.68e3		0.112	171.580	3.92	3.73	1680	87.0305	78.3		
18	61	13C3-PFHxS-EIS	402 > 80	1.68e3		0.112	171.580	3.92	3.73	1680	87.0305	78.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.01e2		0.112	92.769	4.50	4.04	901	86.3566	77.7		
20	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.16e3		0.112	827.265	4.74	4.54	8160	87.6792	78.9		
22	-1													
23	16	L-PFOA	413 > 369	7.64e3	8.08e3	0.112		4.09	4.09	11.8	96.0559		3.18	NO
24	1...	Total PFOA	413 > 369	7.64e3	8.08e3	0.112		4.60		11.8	96.0559			
25	23	L-PFOS	499 > 80	1.81e2	1.59e3	0.112		4.63	4.64	1.42	10.4528		1.93	NO
26	1...	Total PFOS	499> 80	1.81e2	1.59e3	0.112		4.60		1.42	10.4528			
27	22	PFOSA	498 > 78	5.72e1	1.41e3	0.112		4.59	4.60	0.508	6.5041		31.0	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.08e3		0.112	808.136	4.09	4.09	8080	88.8589	80.0		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.08e3		0.112	808.136	4.09	4.09	8080	88.8589	80.0		
30	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		
31	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		
32	67	13C8-PFOSA-EIS	506 > 78	1.41e3		0.112	257.965	4.59	4.59	1410	48.5062	43.6		
33	-1													
34	26	PFDA	513 > 469		9.44e3	0.112		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.60e2	0.112		4.90						YES
36	29	L-MeFOSAA	570 > 419		1.98e3	0.112		5.08						YES

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Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:27:38 Pacific Daylight Time

Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	1.98e3	0.112		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.44e3	0.112		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.44e3		0.112	1081.744	4.93	4.93	9440	77.5744	69.8		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.60e2		0.112	90.113	4.90	4.90	860	84.8833	76.4		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.98e3		0.112	255.309	5.07	5.08	1980	68.8340	61.9		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.98e3		0.112	255.309	5.07	5.08	1980	68.8340	61.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.44e3		0.112	985.591	5.01	5.26	8440	76.1437	68.5		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.06e3	0.112		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.06e3	0.112		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.59e3	0.112		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.69e3	0.112		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.69e3	0.112		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.06e3		0.112	255.567	5.23	5.24	2060	71.5407	64.4		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.06e3		0.112	255.567	5.23	5.24	2060	71.5407	64.4		
52	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.69e3		0.112	1022.097	5.54	5.55	8690	75.5726	68.0		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.69e3		0.112	1022.097	5.54	5.55	8690	75.5726	68.0		
55	-1													
56	41	PFTeDA	713.0 > 669.0		6.99e3	0.112		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		2.81e3	0.112		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		3.90e3	0.112		6.03						YES
59	43	PFHxDA	813 > 769		6.89e3	0.112		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		6.20e3	0.112		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	6.99e3		0.112	1007.986	6.01	6.03	6990	61.6286	55.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.81e3		0.112	87.979	5.45	5.60	2810	283.6842	21.4		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.90e3		0.112	120.051	6.40	6.05	3900	289.2136	21.8		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.89e3		0.112	1310.023	6.36	6.37	6890	46.7621	42.1		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.20e3		0.112	100.447	6.25	6.25	6200	548.7118	41.4		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.15e3	0.112		6.40						
68	1...	TDCA	498.3>106.9			0.112		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		
70	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		
71	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.15e3		0.112	108.100	6.40	6.40	7150	588.0814	44.3		

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:27:38 Pacific Daylight Time

Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.59e3		0.112	167.288	4.76	4.63	1590	84.5562	76.1		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

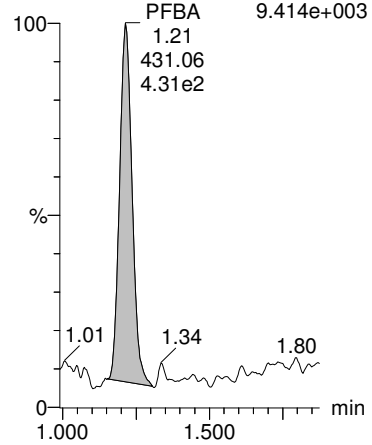
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:27:38 Pacific Daylight Time

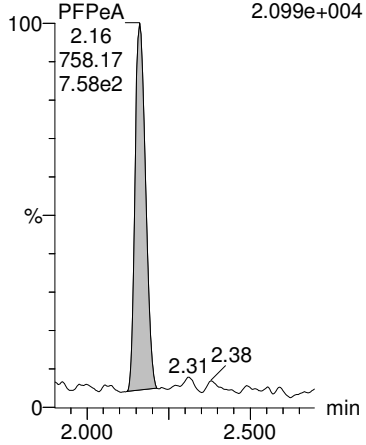
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

PFBA



PFPeA



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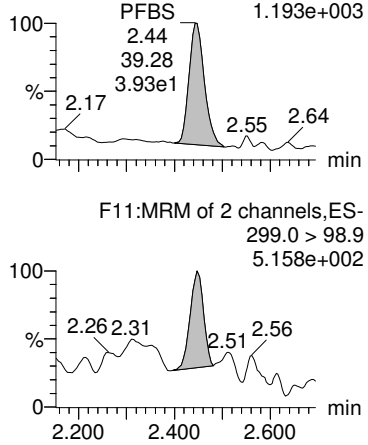

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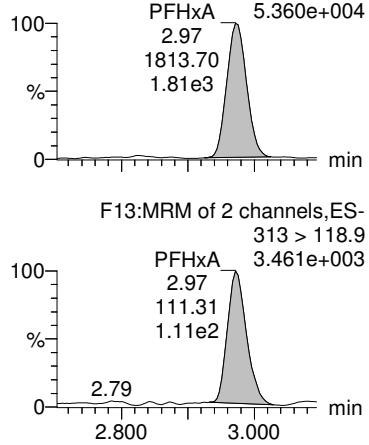

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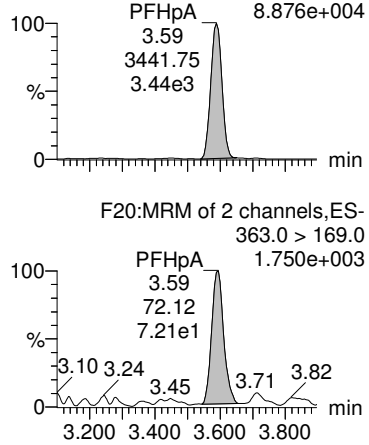

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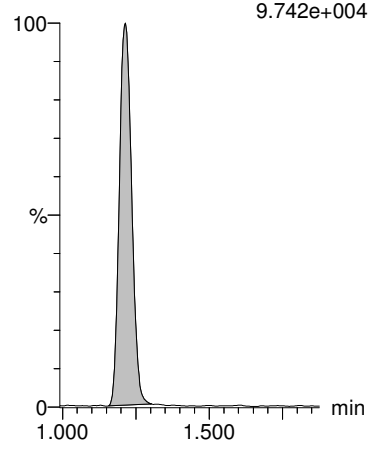

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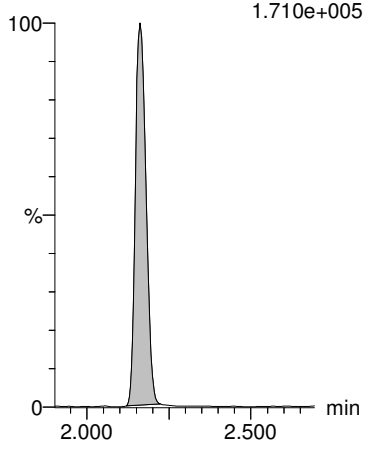

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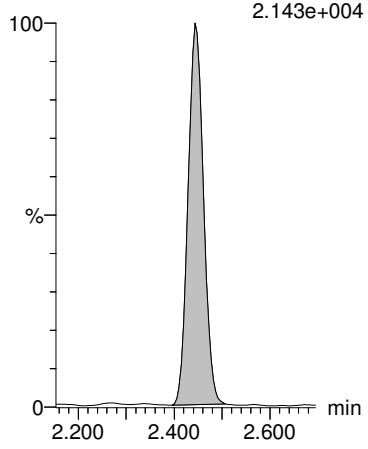

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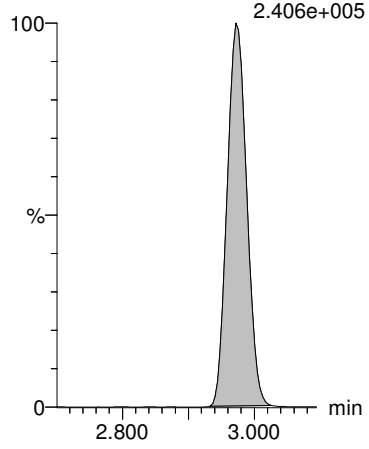

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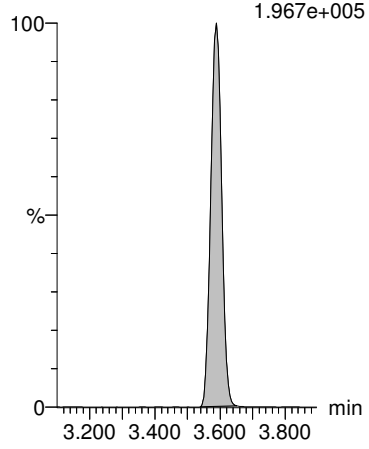

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
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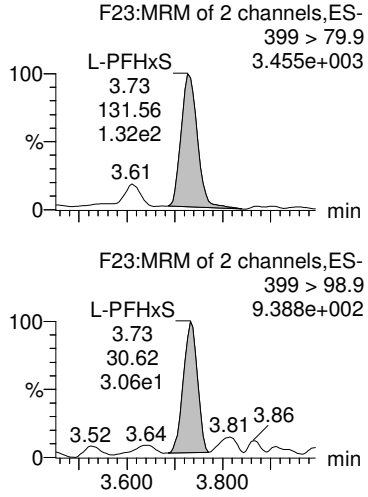
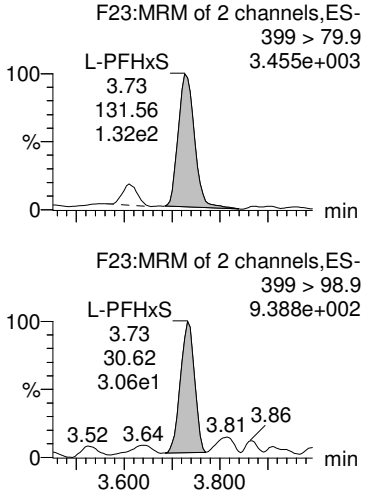
Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

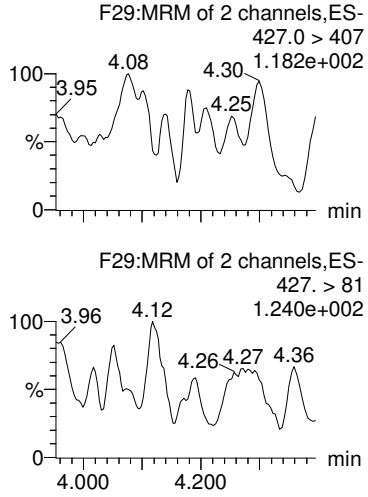
L-PFHxS



Total PFHxS



6:2 FTS



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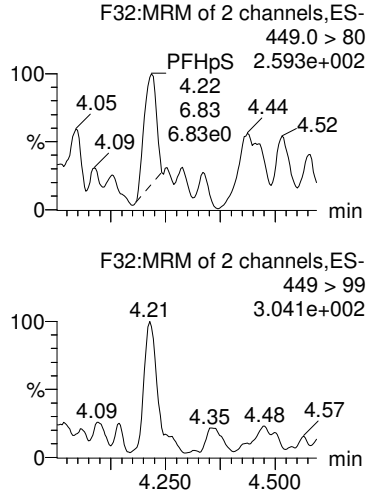

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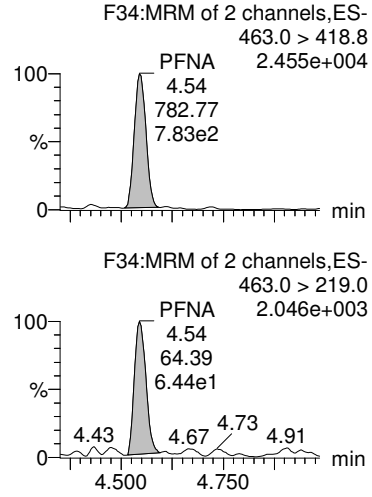

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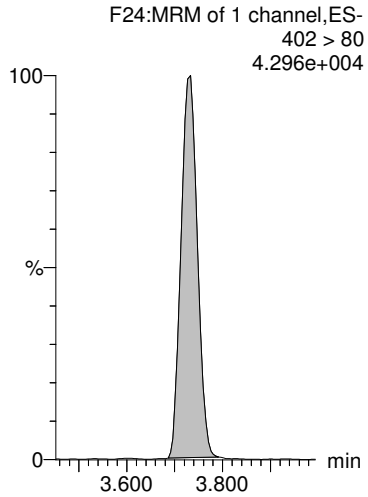

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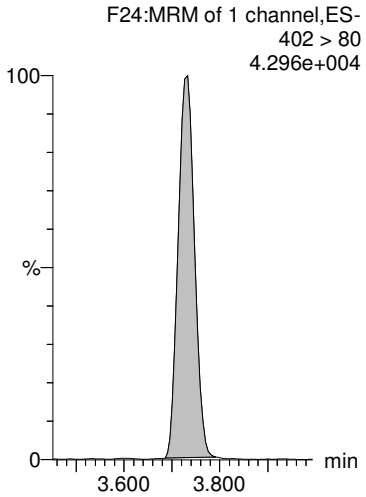

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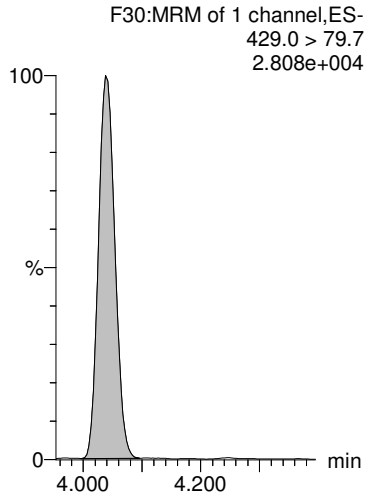

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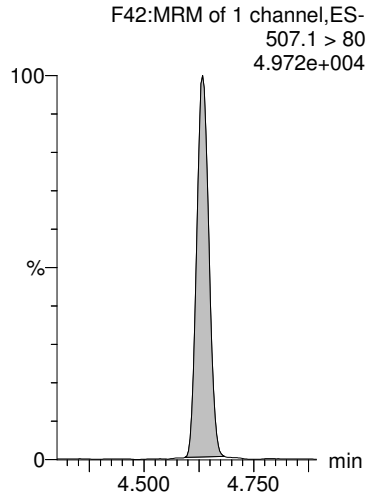

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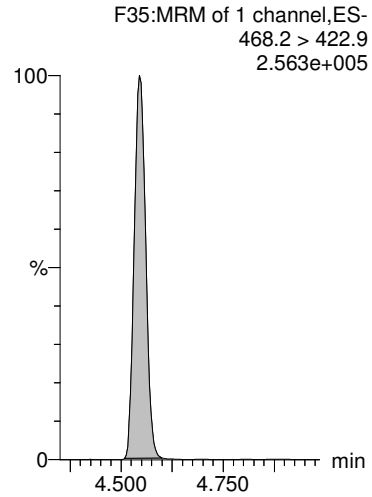

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
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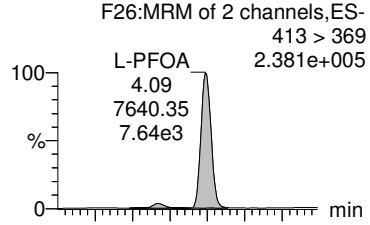
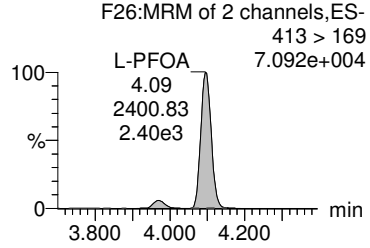
Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

L-PFOA





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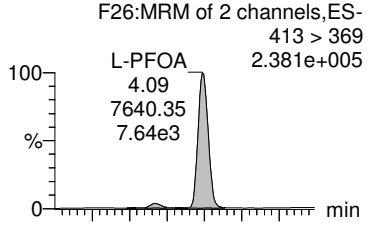
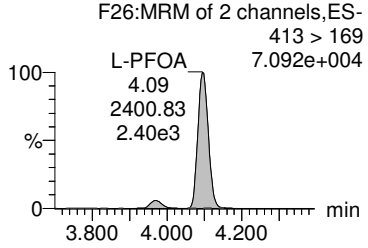
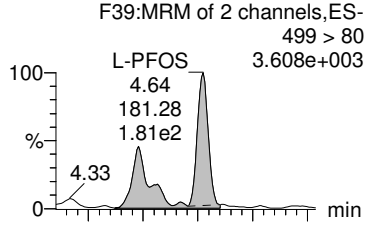
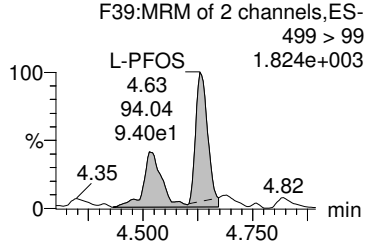




L-PFOS





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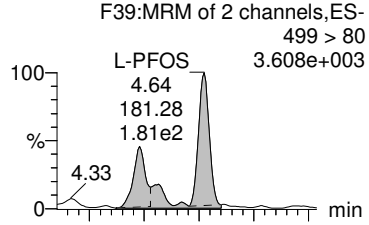

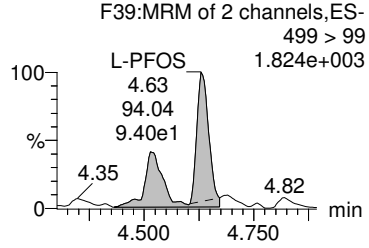

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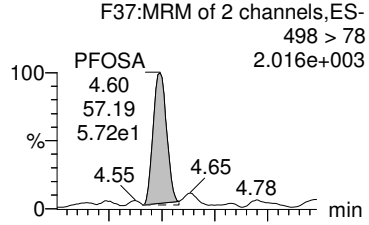

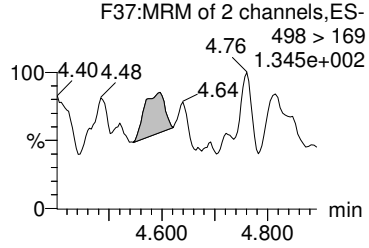

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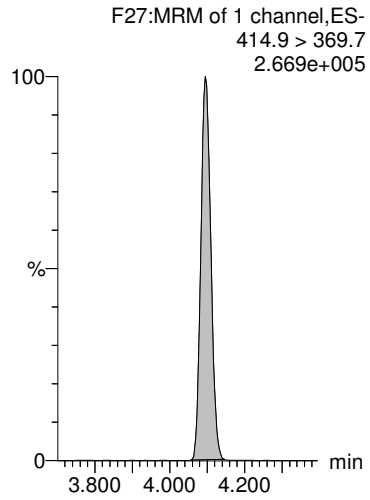

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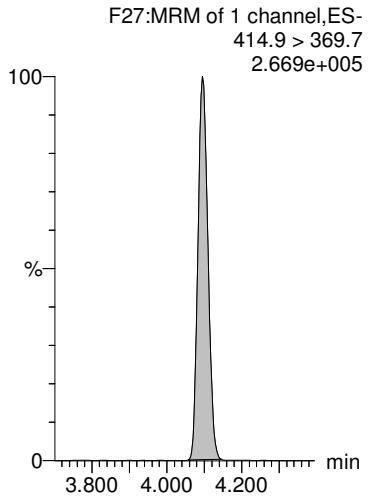

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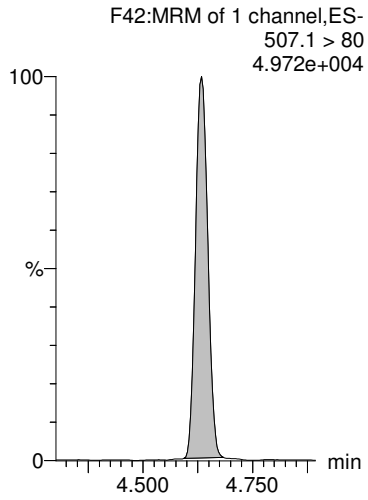

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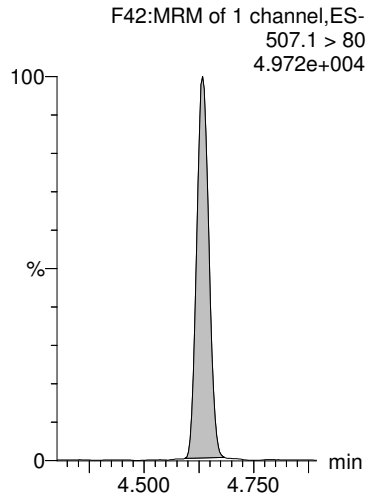

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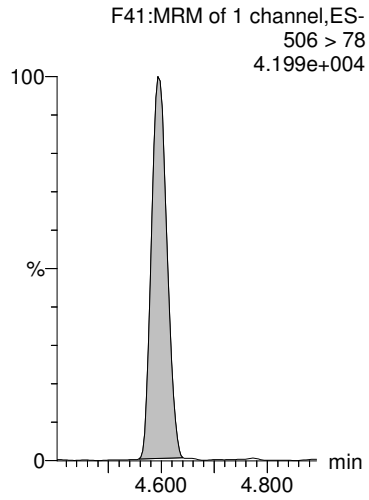

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
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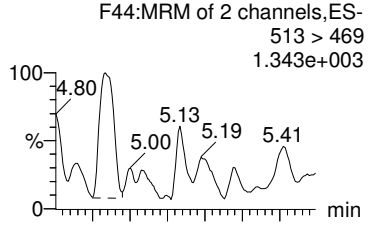
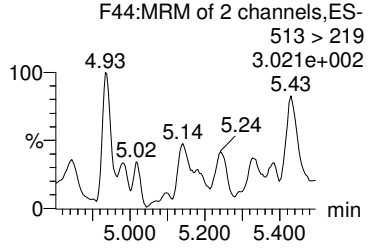
PFDA





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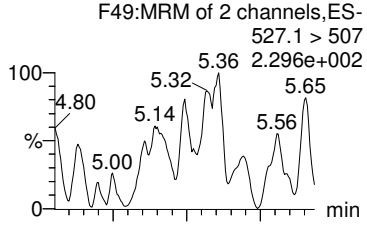
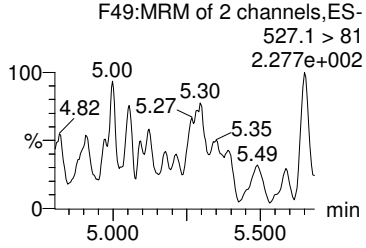
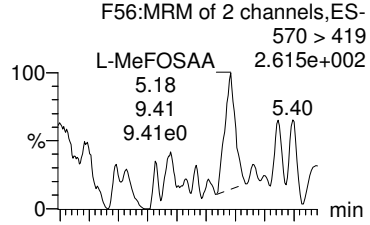
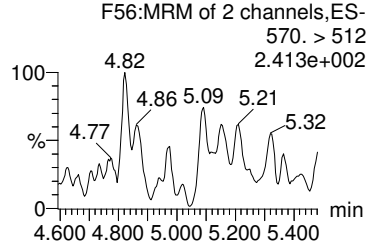




L-MeFOSAA





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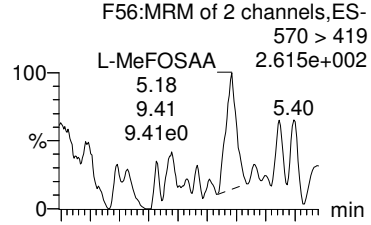

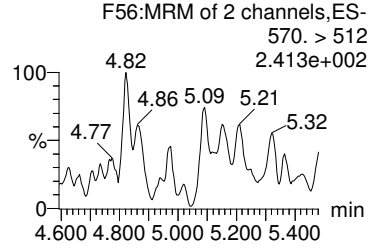

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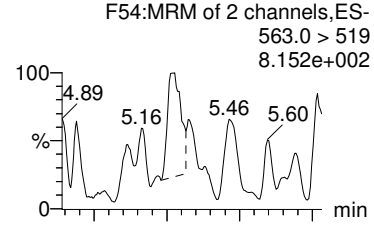
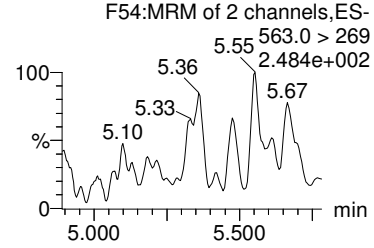
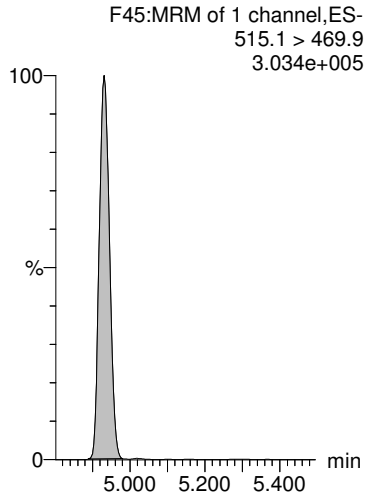
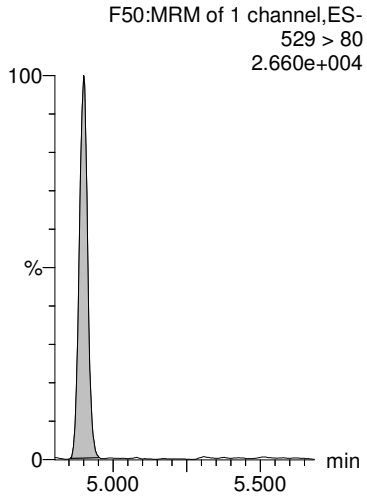




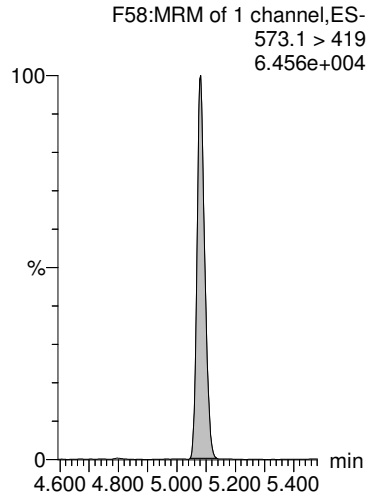
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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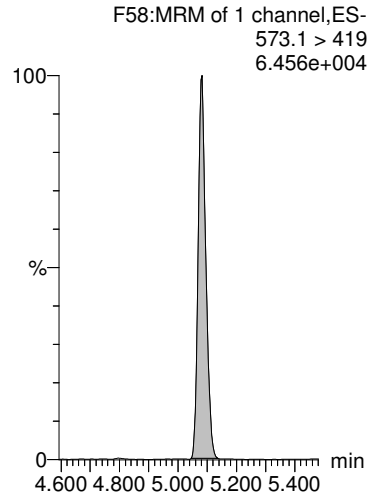

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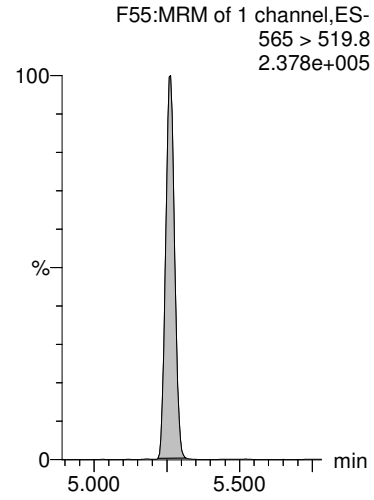

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:27:38 Pacific Daylight Time

Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

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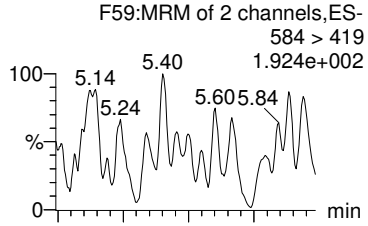

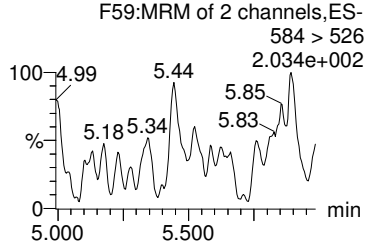

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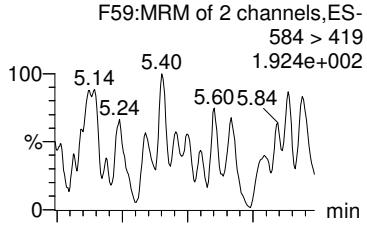
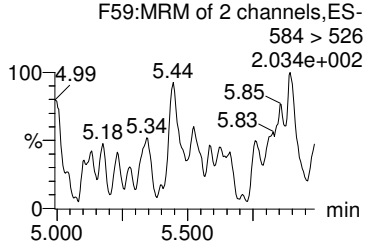
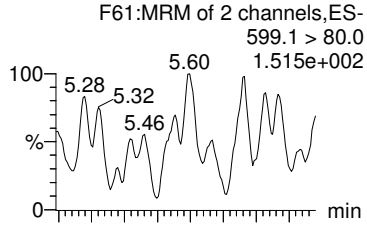
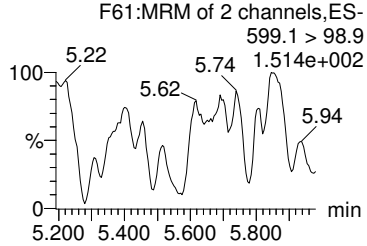


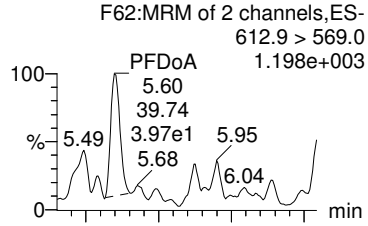


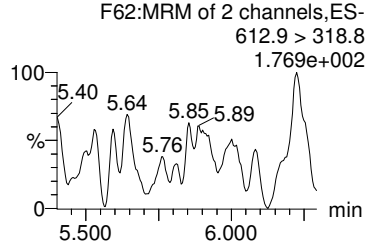
PFDS





PFDoA





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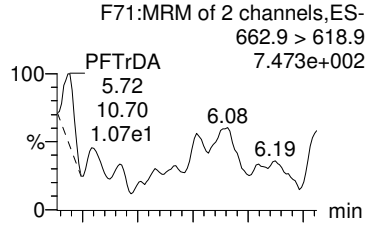
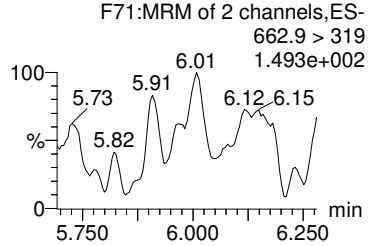
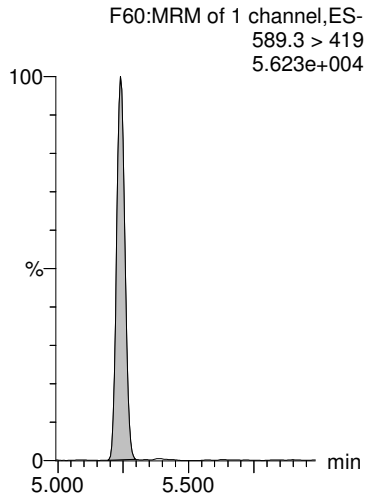




d5-N-EtFOSAA-EIS



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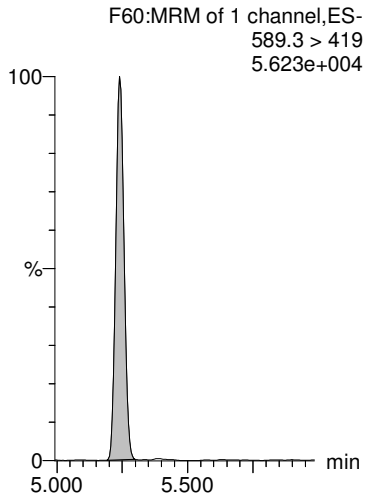
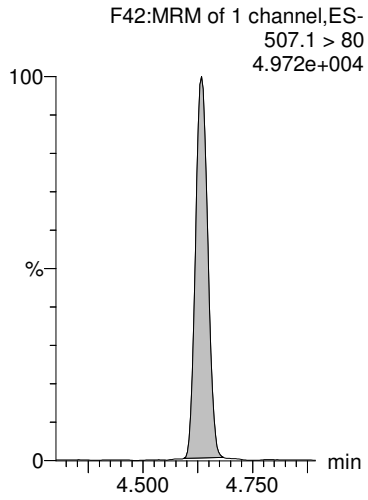
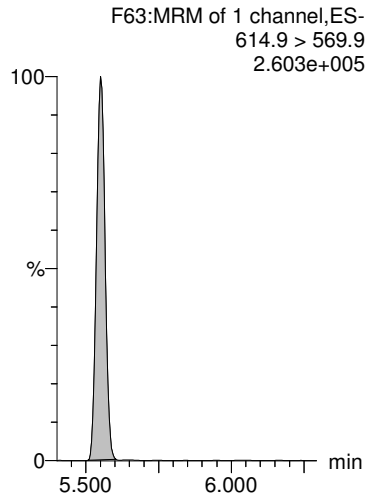


13C8-PFOS-EIS



13C2-PFDoA-EIS



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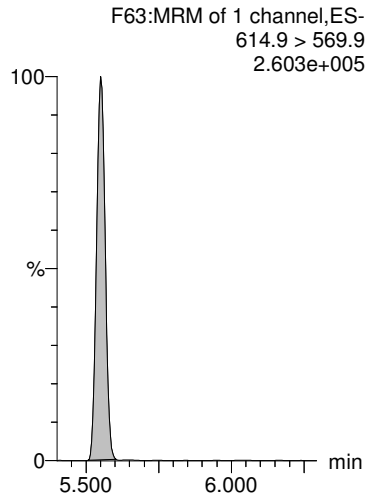


QPV 6/2/2020

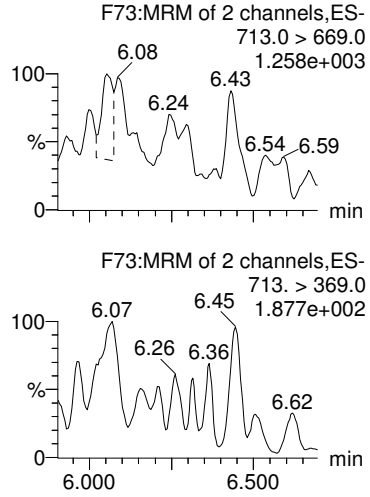
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:27:38 Pacific Daylight Time

Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

PFTeDA



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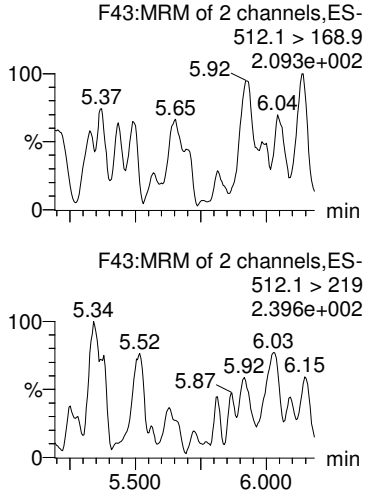

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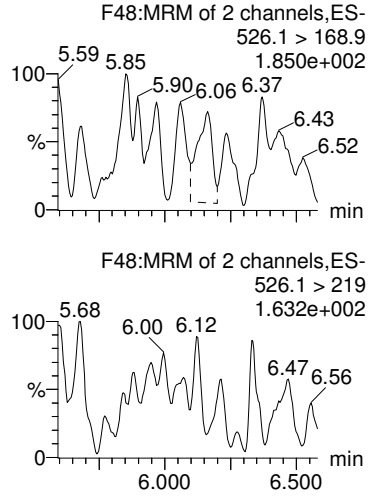

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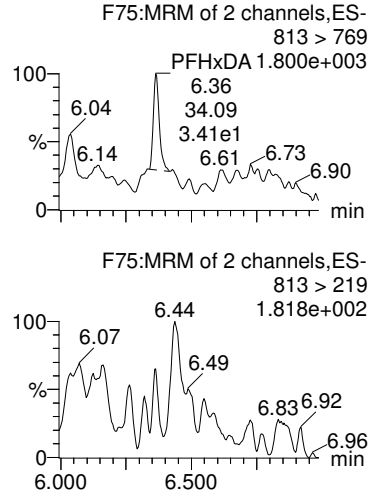
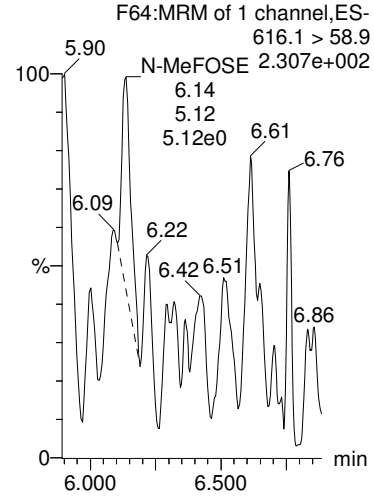
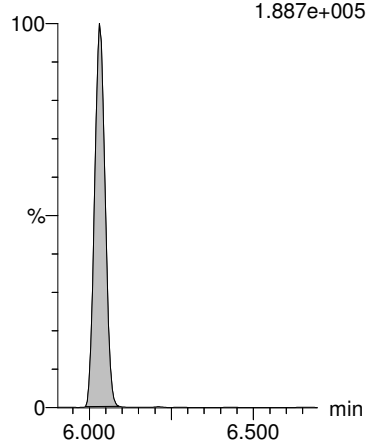


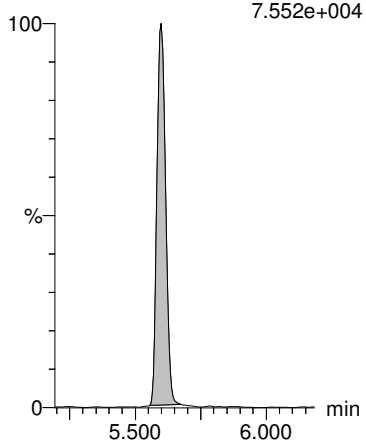
N-MeFOSE



13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



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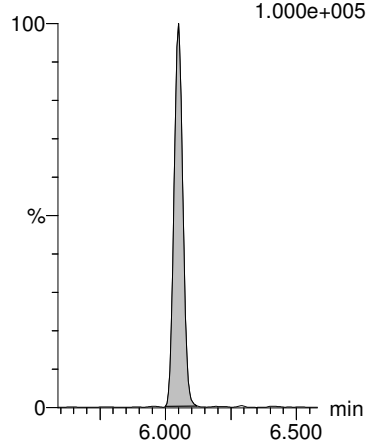

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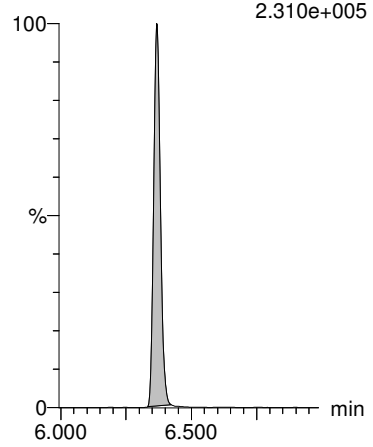

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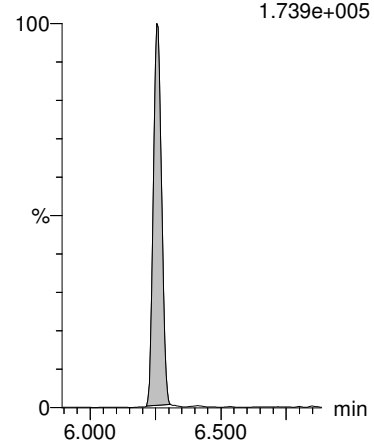


QPV 6/2/2020

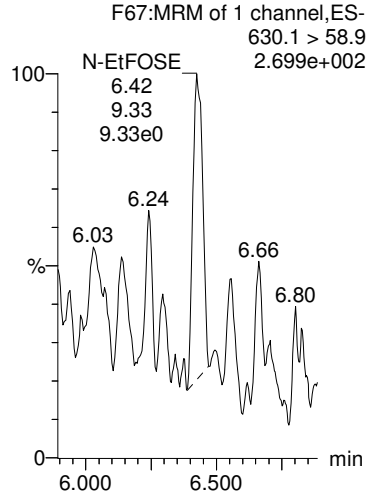
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:27:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:27:38 Pacific Daylight Time

Name: 200527P1-38, Date: 27-May-2020, Time: 18:38:56, ID: 2001078-09 GW-OP-2 0.11247, Description: GW-OP-2

N-EtFOSE



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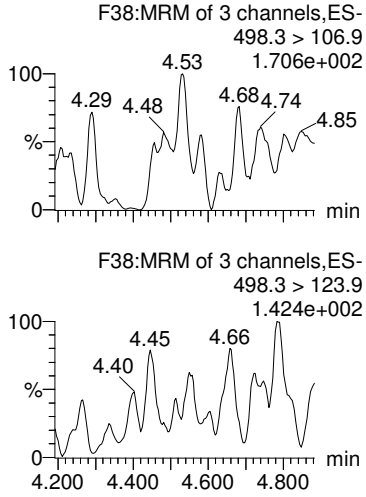

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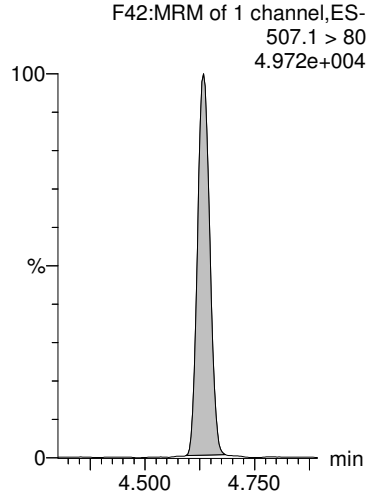
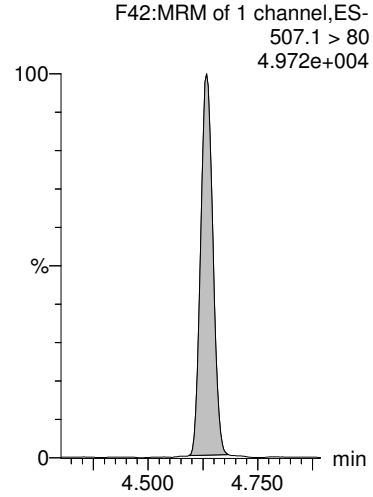


13C8-PFOS-EIS



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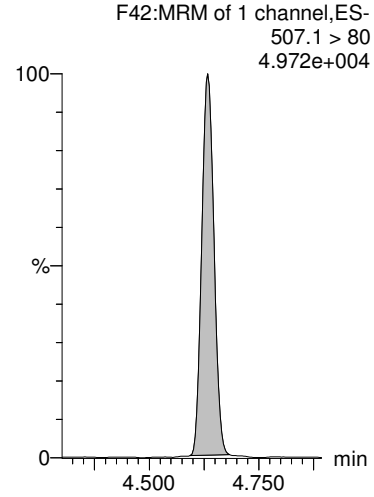
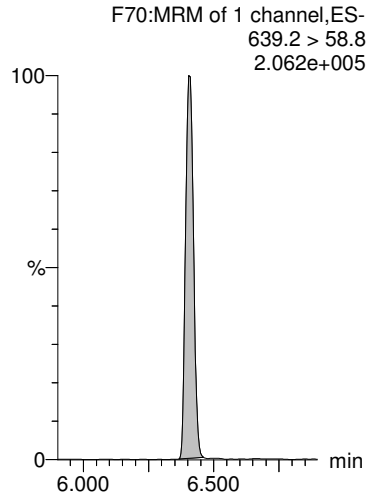
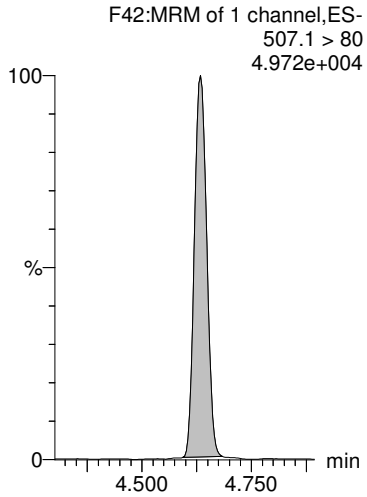


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		3.80e2	0.114		1.21						
2	4	PFPeA	263.1 > 218.9		4.08e3	0.114		2.16						
3	5	PFBS	299.0 > 80		7.57e2	0.114		2.44						YES
4	7	PFHxA	313.0 > 269.0		7.46e3	0.114		2.97						YES
5	11	PFHpA	363.0 > 319		6.83e3	0.114		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.80e2		0.114	289.289	1.22	1.21	380	11.5352	10.5		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	4.08e3		0.114	588.947	2.15	2.16	4080	60.8427	55.5		
8	51	13C3-PFBS-EIS	302.0 > 98.9	7.57e2		0.114	81.912	2.43	2.44	757	81.0676	73.9		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.46e3		0.114	849.096	3.15	2.97	7460	77.0836	70.3		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.83e3		0.114	724.419	3.58	3.59	6830	82.7872	75.5		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.58e3	0.114		3.73						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.58e3	0.114		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.62e2	0.114		4.04						YES
15	19	PFHpS	449.0 > 80		1.58e3	0.114		4.25						YES
16	21	PFNA	463.0 > 418.8		8.21e3	0.114		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.58e3		0.114	171.580	3.92	3.73	1580	80.7441	73.6		
18	61	13C3-PFHxS-EIS	402 > 80	1.58e3		0.114	171.580	3.92	3.73	1580	80.7441	73.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.62e2		0.114	92.769	4.50	4.04	962	91.0108	83.0		
20	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.21e3		0.114	827.265	4.74	4.54	8210	87.1090	79.4		
22	-1													
23	16	L-PFOA	413 > 369		7.75e3	0.114		4.09						YES
24	1...	Total PFOA	413 > 369	0.00e0	7.75e3	0.114		4.60		0.000				
25	23	L-PFOS	499 > 80		1.58e3	0.114		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.58e3	0.114		4.60		0.000				
27	22	PFOSA	498 > 78		1.78e3	0.114		4.60						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.75e3		0.114	808.136	4.09	4.09	7750	84.1820	76.7		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.75e3		0.114	808.136	4.09	4.09	7750	84.1820	76.7		
30	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		
31	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		
32	67	13C8-PFOSA-EIS	506 > 78	1.78e3		0.114	257.965	4.59	4.60	1780	60.7178	55.4		
33	-1													
34	26	PFDA	513 > 469		9.50e3	0.114		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.08e2	0.114		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.44e3	0.114		5.08						YES

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Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.44e3	0.114		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.64e3	0.114		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.50e3		0.114	1081.744	4.93	4.93	9500	77.0550	70.2		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.08e2		0.114	90.113	4.90	4.90	808	78.7239	71.8		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.44e3		0.114	255.309	5.07	5.08	2440	83.9618	76.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.44e3		0.114	255.309	5.07	5.08	2440	83.9618	76.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.64e3		0.114	985.591	5.01	5.26	8640	76.9136	70.1		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.33e3	0.114		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.33e3	0.114		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.58e3	0.114		5.25						YES
48	37	PFDoA	612.9 > 569.0		9.74e3	0.114		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.74e3	0.114		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.33e3		0.114	255.567	5.23	5.24	2330	80.0912	73.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.33e3		0.114	255.567	5.23	5.24	2330	80.0912	73.0		
52	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.74e3		0.114	1022.097	5.54	5.55	9740	83.6120	76.2		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.74e3		0.114	1022.097	5.54	5.55	9740	83.6120	76.2		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.40e3	0.114		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		4.60e3	0.114		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		5.78e3	0.114		6.03						YES
59	43	PFHxDA	813 > 769		9.00e3	0.114		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		5.80e3	0.114		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.40e3		0.114	1007.986	6.01	6.03	8400	73.1086	66.7		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	4.60e3		0.114	87.979	5.45	5.60	4600	458.4910	35.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.78e3		0.114	120.051	6.40	6.05	5780	422.3161	32.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	9.00e3		0.114	1310.023	6.36	6.37	9000	60.2818	55.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.80e3		0.114	100.447	6.25	6.25	5800	506.2772	38.7		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.61e3	0.114		6.40						
68	1...	TDCA	498.3>106.9			0.114		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		
70	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		
71	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.61e3		0.114	108.100	6.40	6.40	6610	536.7233	41.0		

QPV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.114	167.288	4.76	4.63	1580	82.9706	75.6		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

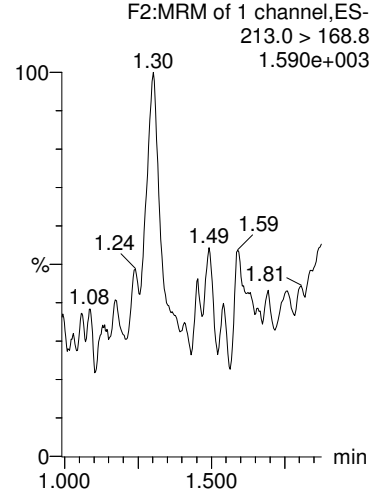
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

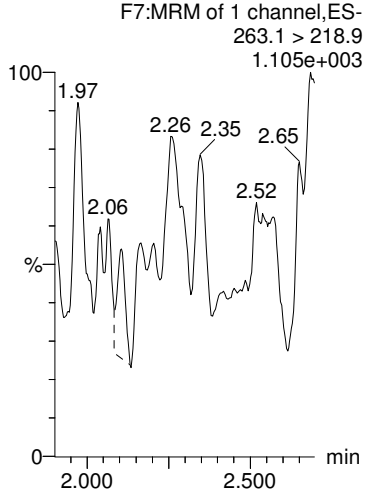
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

PFBA



PFPeA



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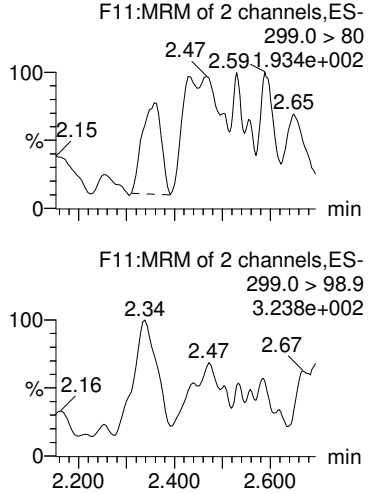

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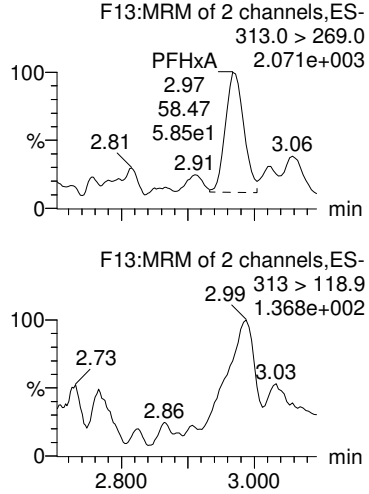

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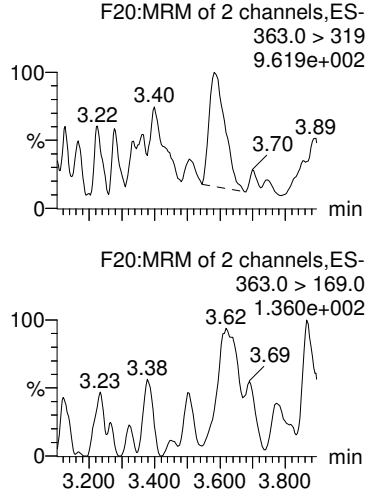

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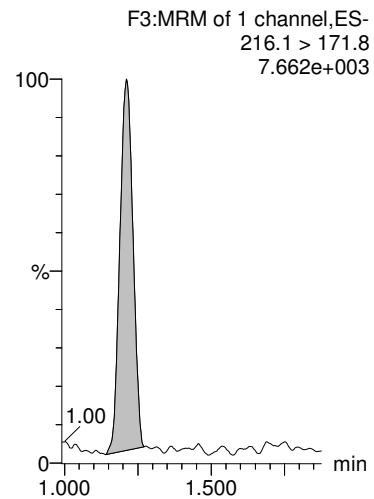

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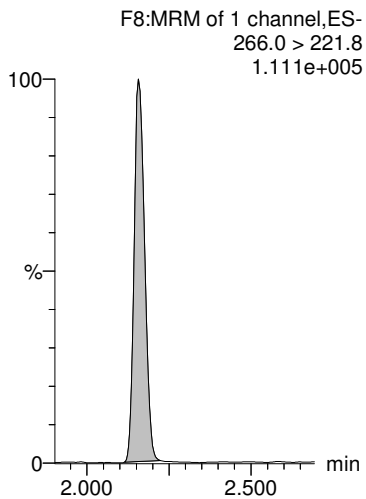

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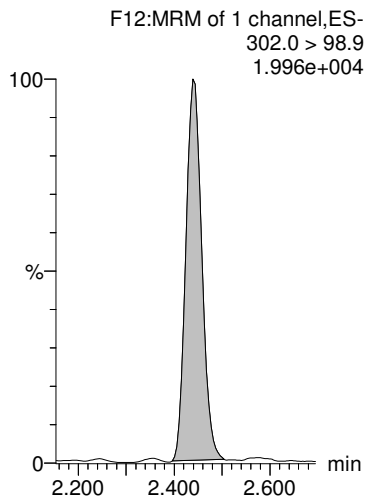

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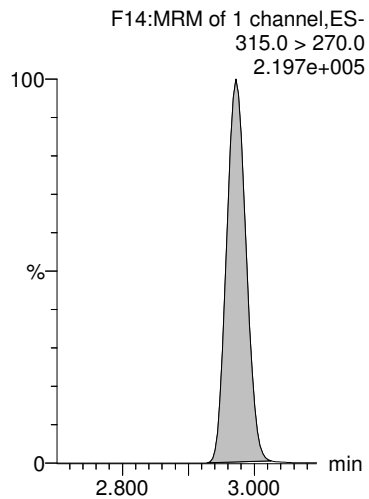
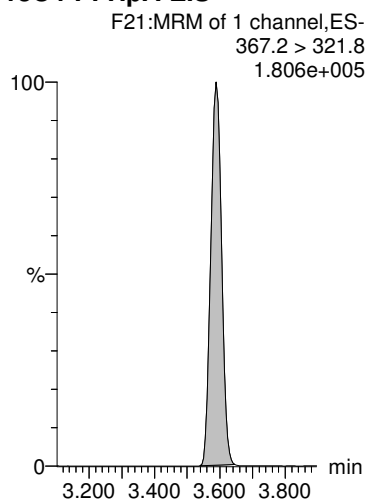


13C4-PFHpA-EIS



QPV 6/2/2020

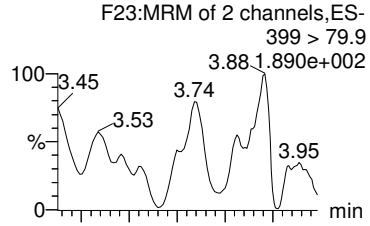
Review: AMR 6/3/2020

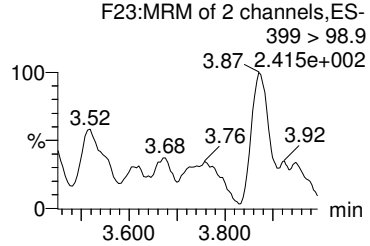
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

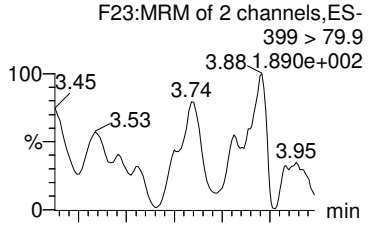
Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

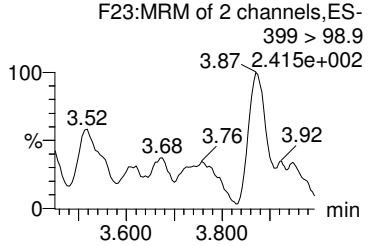
L-PFHxS



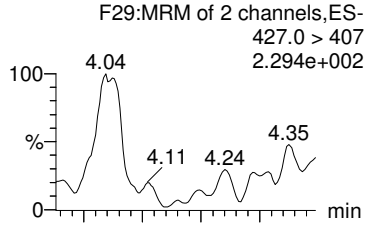


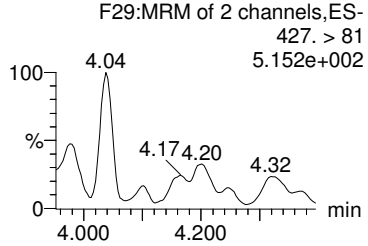
Total PFHxS





6:2 FTS





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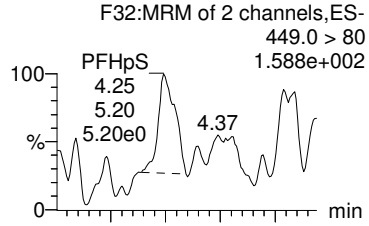

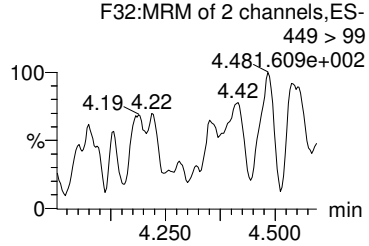

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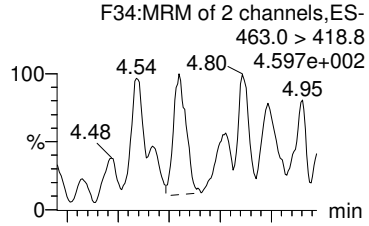
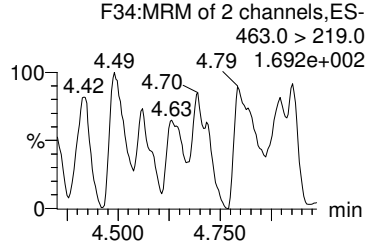
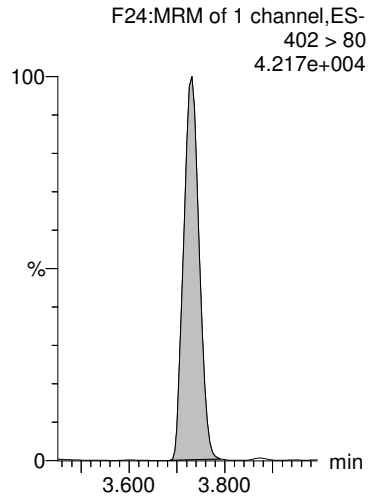




13C3-PFHxS-EIS



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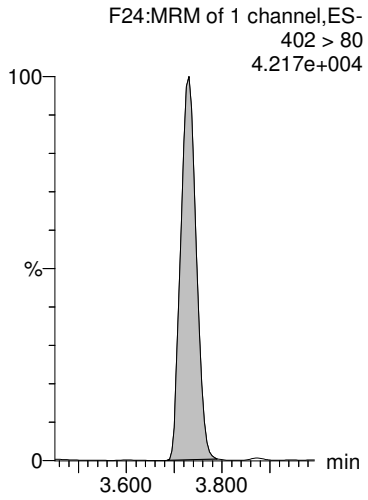

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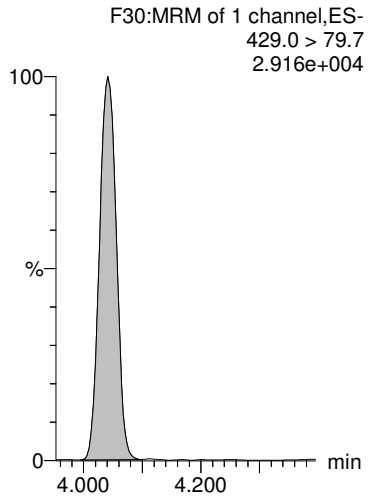

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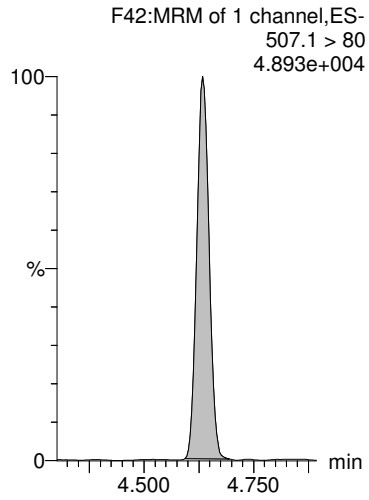
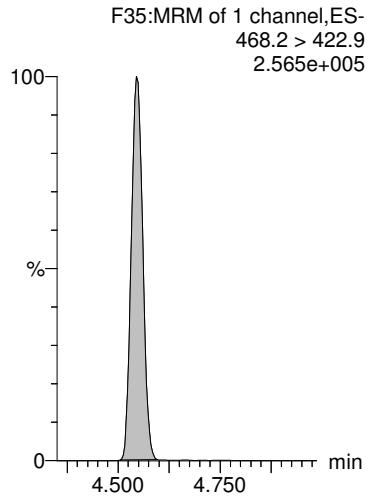


13C5-PFNA-EIS



QPV 6/2/2020

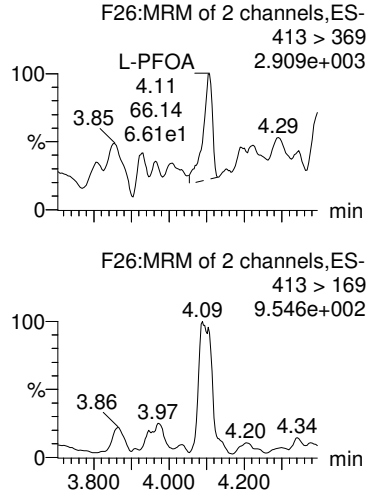
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

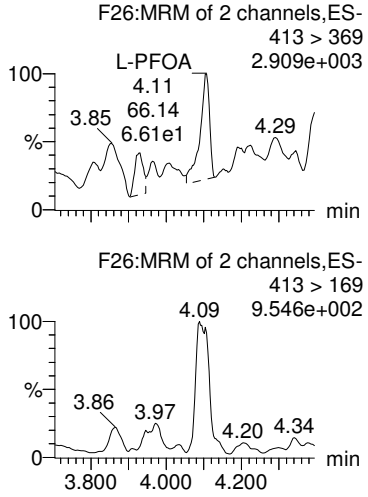
Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

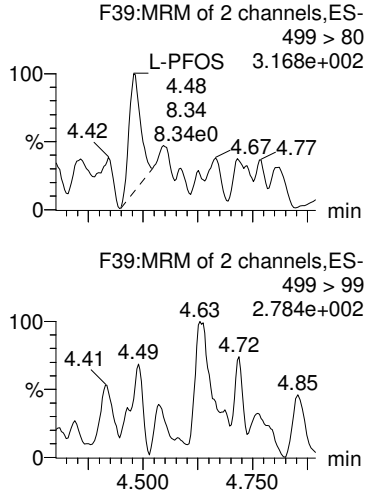
L-PFOA



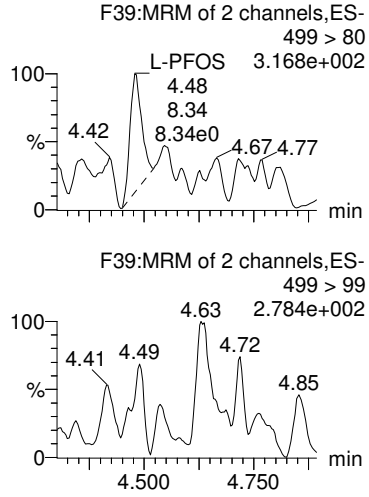
Total PFOA



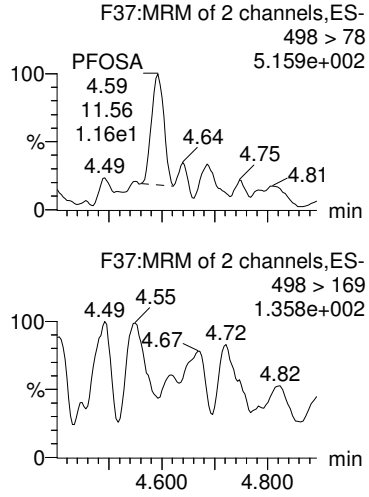
L-PFOS



Total PFOS



PFOSA



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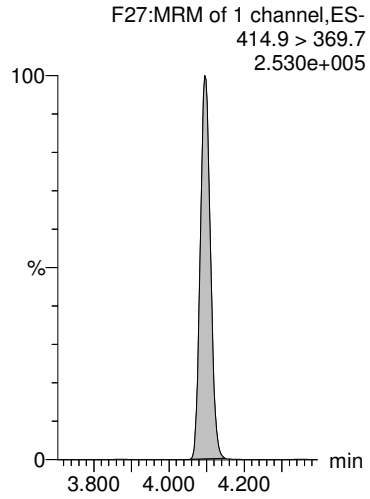

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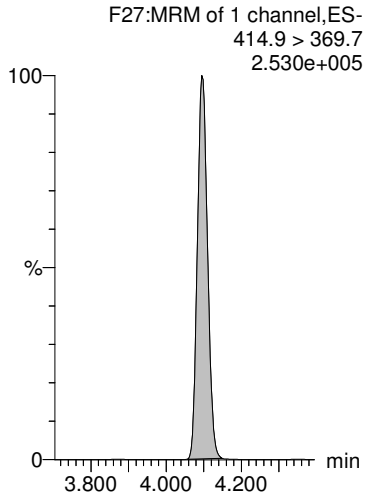

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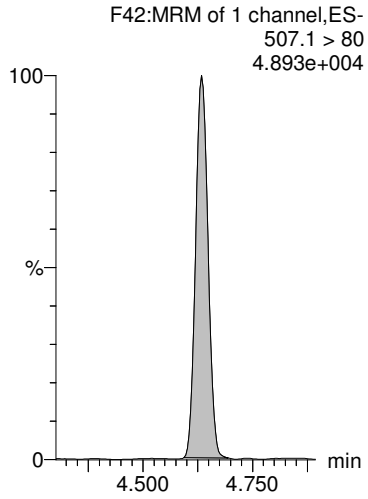

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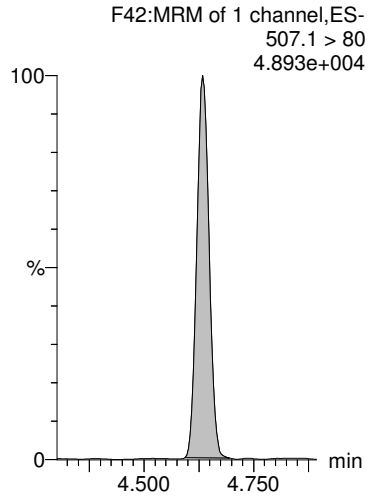
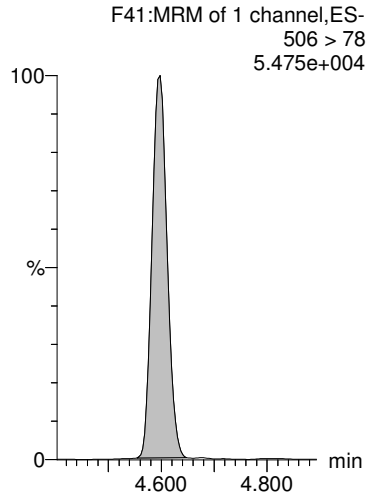


13C8-PFOSA-EIS



QPV 6/2/2020

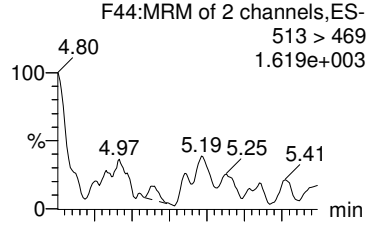
Review: AMR 6/3/2020

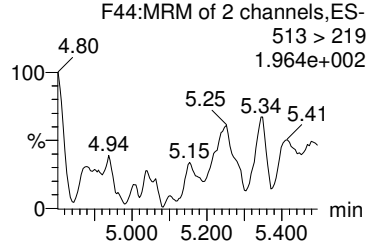
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

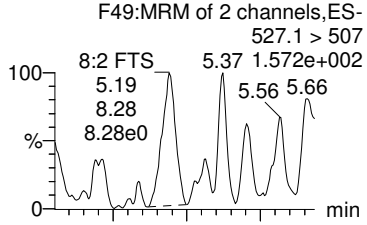
Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

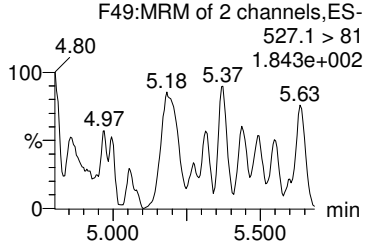
PFDA



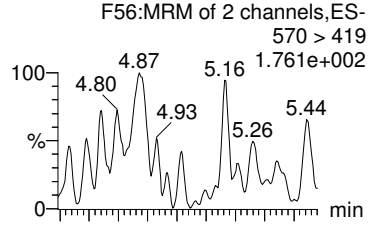


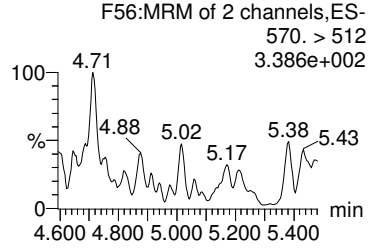
8:2 FTS





L-MeFOSAA





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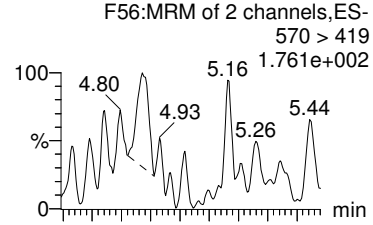
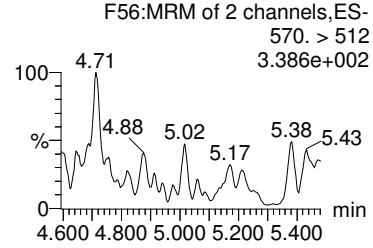
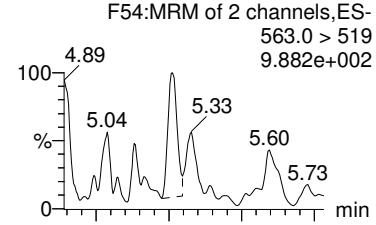
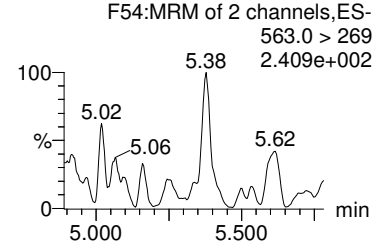




PFUdA





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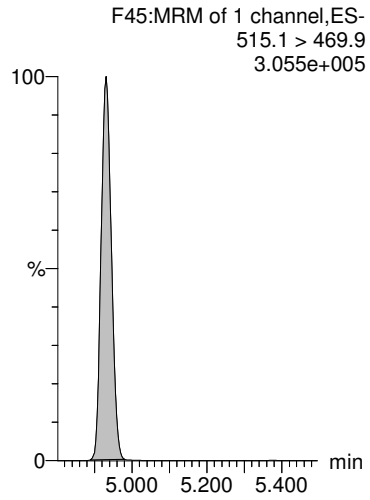
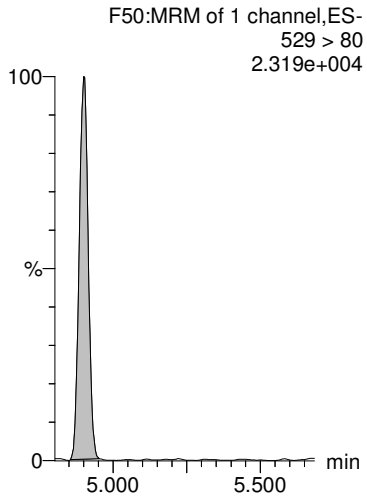
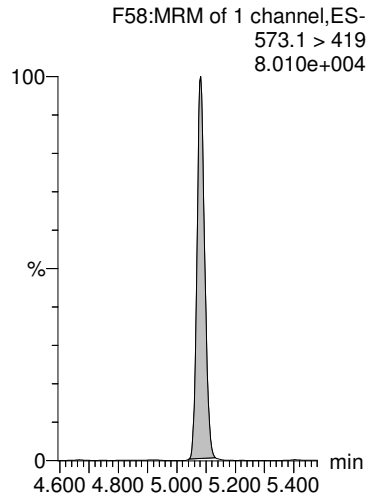


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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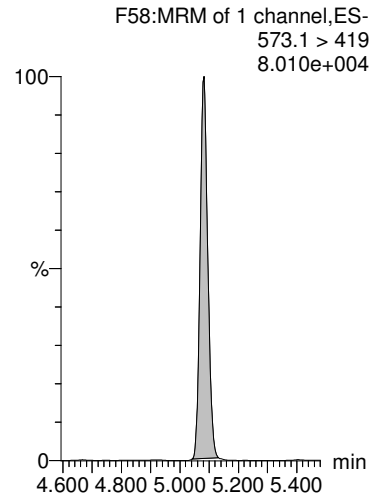

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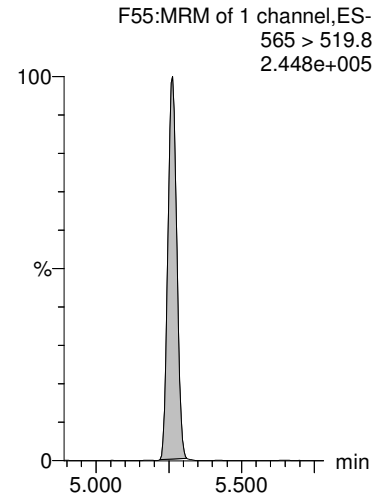


QPV 6/2/2020

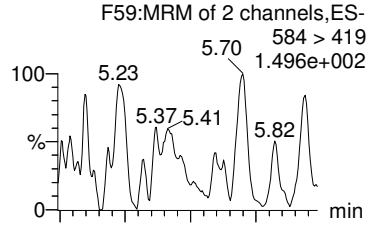
Review: AMR 6/3/2020

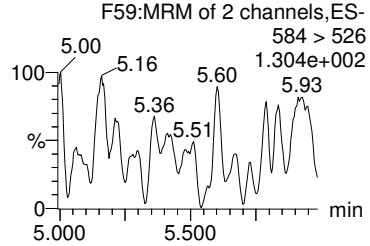
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

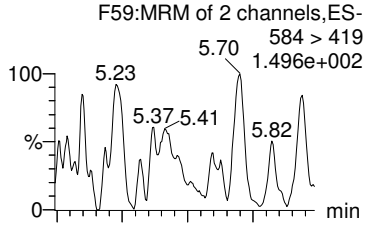
Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

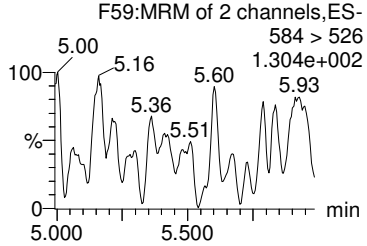
L-EtFOSAA



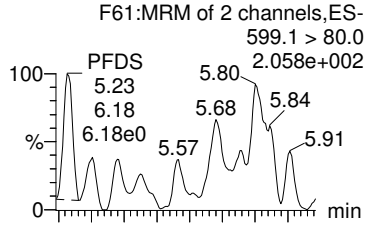


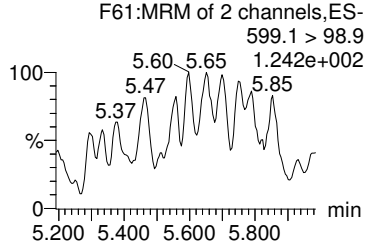
Total N-EtFOSAA



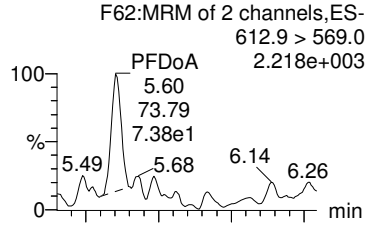


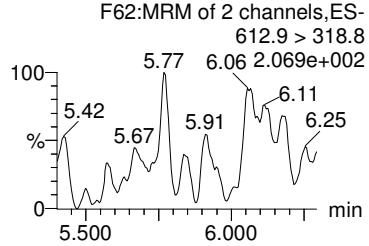
PFDS





PFDoA





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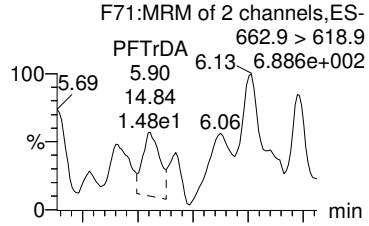
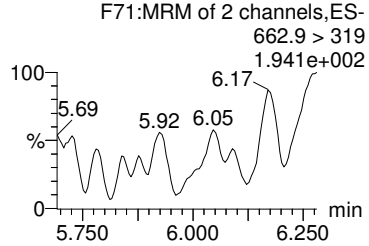
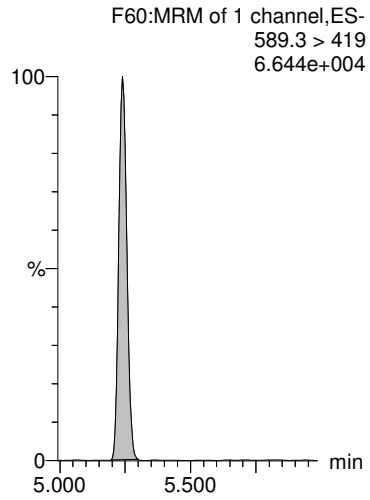




d5-N-EtFOSAA-EIS



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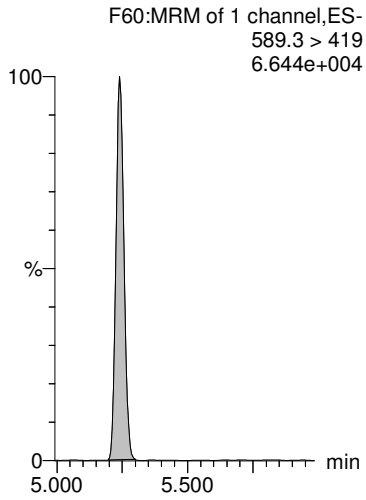
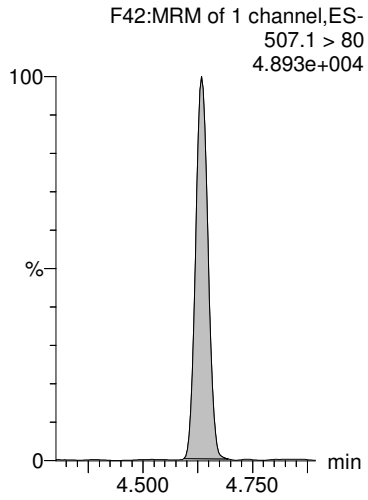


13C8-PFOS-EIS



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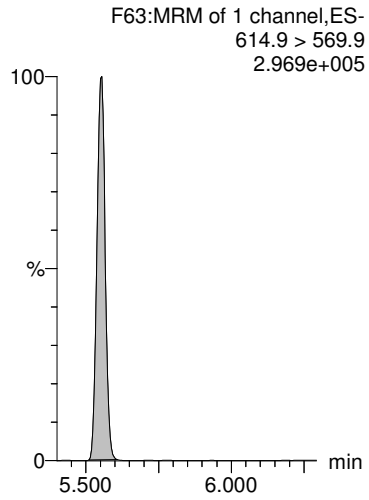

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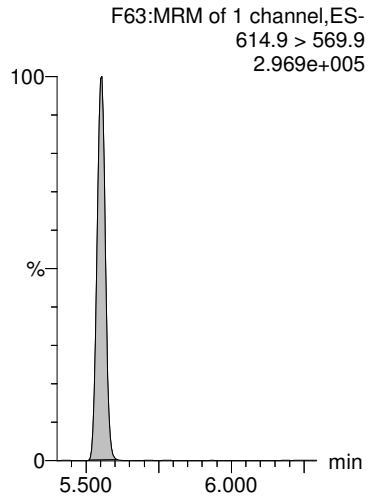


QPV 6/2/2020

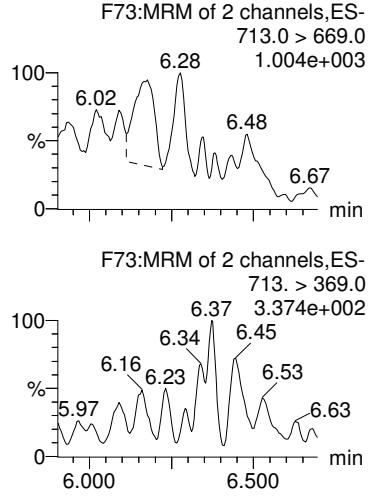
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

PFTeDA



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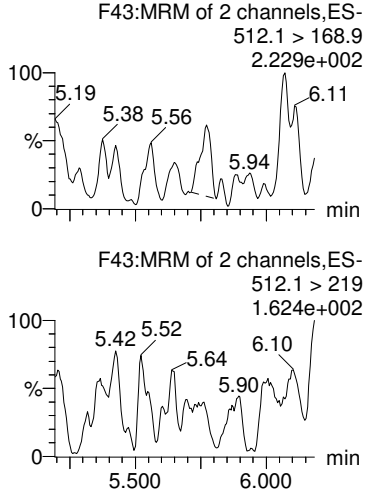

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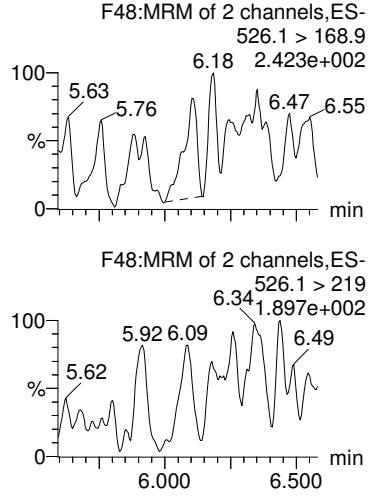

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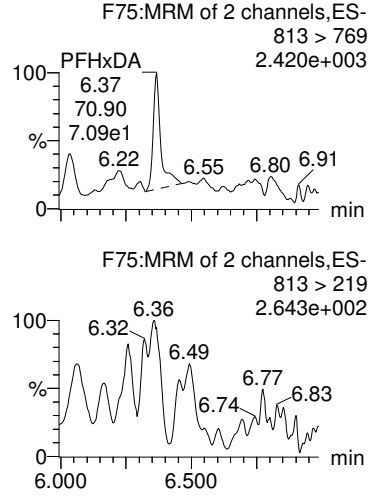

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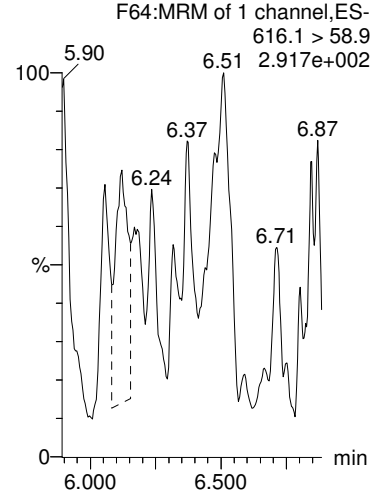

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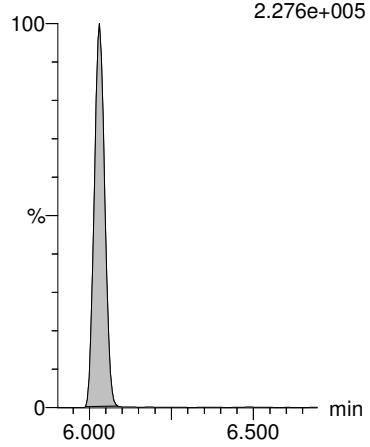
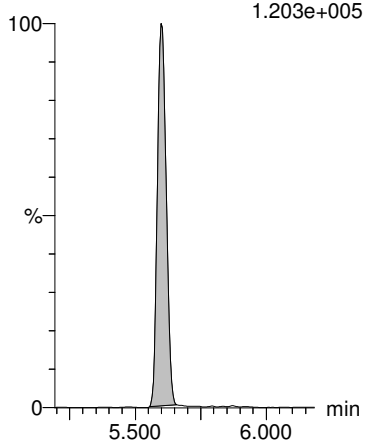
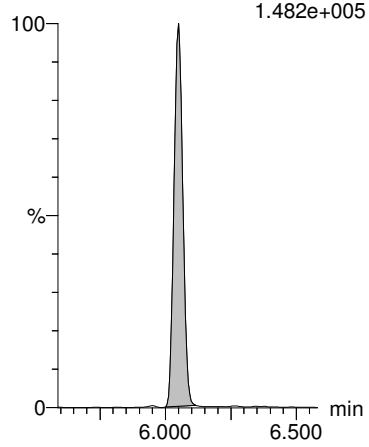


d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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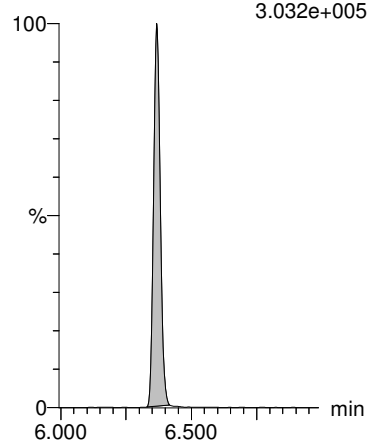

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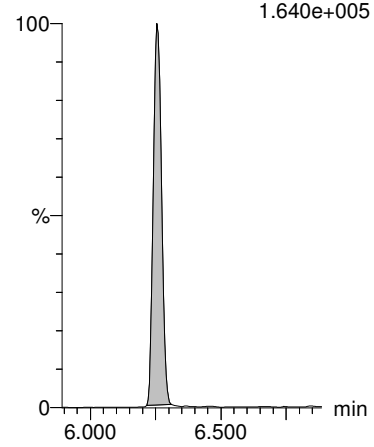


QPV 6/2/2020

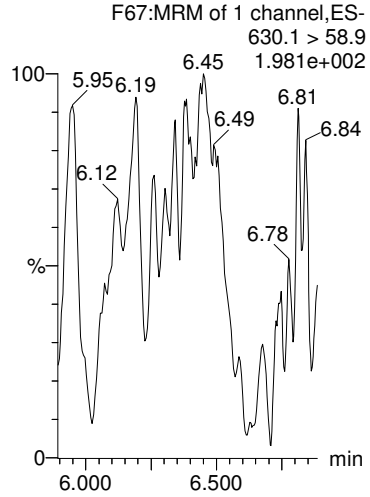
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

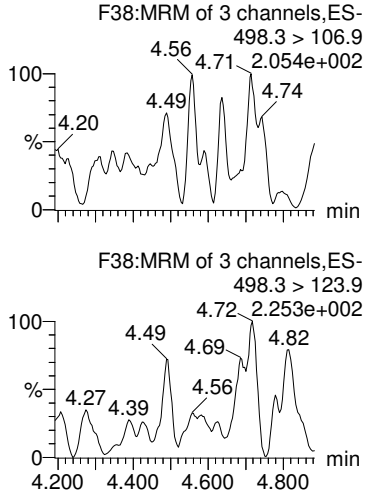
Last Altered: Tuesday, June 02, 2020 16:17:21 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:17:41 Pacific Daylight Time

Name: 200527P1-39, Date: 27-May-2020, Time: 18:49:27, ID: 2001078-10 GW-MW-21D1 0.11396, Description: GW-MW-21D1

N-EtFOSE



TDCA



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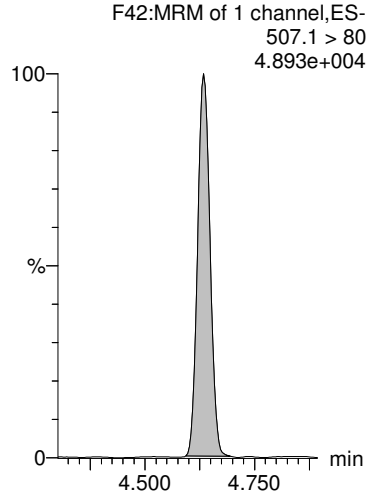

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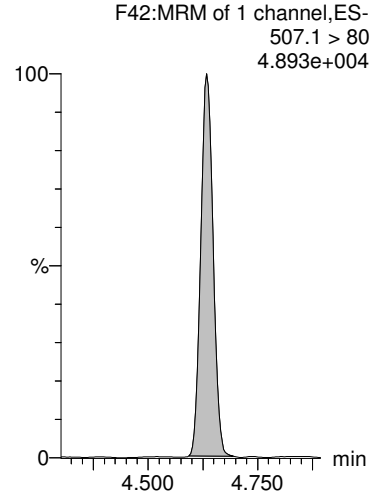

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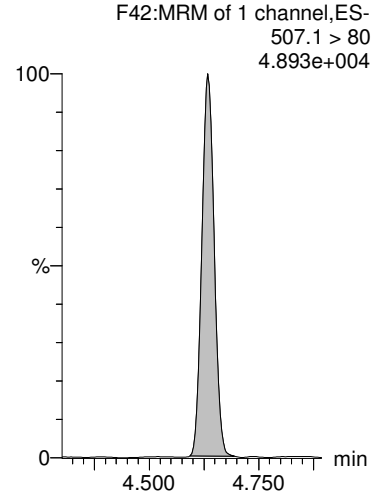
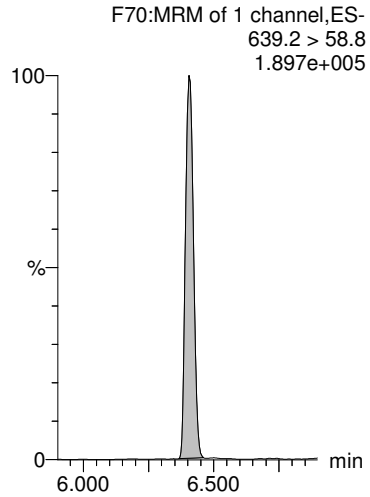
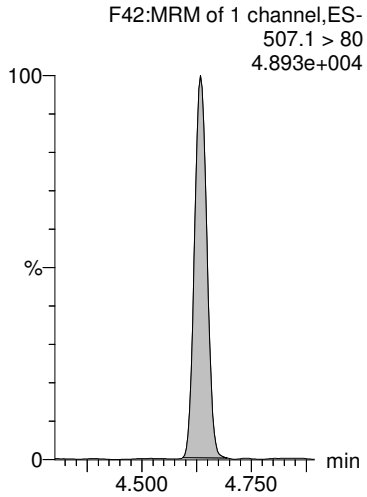


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		3.11e2	0.110		1.22						
2	4	PFPeA	263.1 > 218.9		3.42e3	0.110		2.17						
3	5	PFBS	299.0 > 80		7.86e2	0.110		2.45						YES
4	7	PFHxA	313.0 > 269.0		7.79e3	0.110		2.98						YES
5	11	PFHpA	363.0 > 319		7.27e3	0.110		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.11e2		0.110	289.289	1.22	1.22	311	9.7559	8.6		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	3.42e3		0.110	588.947	2.15	2.17	3420	52.7014	46.4		
8	51	13C3-PFBS-EIS	302.0 > 98.9	7.86e2		0.110	81.912	2.43	2.45	786	87.1667	76.7		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.79e3		0.110	849.096	3.15	2.98	7790	83.4054	73.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.27e3		0.110	724.419	3.58	3.59	7270	91.1623	80.3		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.50e3	0.110		3.74						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.50e3	0.110		3.93		0.000				
14	15	6:2 FTS	427.0 > 407	3.12e1	9.64e2	0.110		4.04	4.05	0.404	3.0041		0.415	NO
15	19	PFHpS	449.0 > 80		1.81e3	0.110		4.25						YES
16	21	PFNA	463.0 > 418.8		8.69e3	0.110		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.50e3		0.110	171.580	3.92	3.74	1500	79.4935	70.0		
18	61	13C3-PFHxS-EIS	402 > 80	1.50e3		0.110	171.580	3.92	3.74	1500	79.4935	70.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.64e2		0.110	92.769	4.50	4.04	964	94.4190	83.1		
20	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.69e3		0.110	827.265	4.74	4.54	8690	95.4341	84.0		
22	-1													
23	16	L-PFOA	413 > 369		8.22e3	0.110		4.10						YES
24	1...	Total PFOA	413 > 369	0.00e0	8.22e3	0.110		4.60		0.000				
25	23	L-PFOS	499 > 80		1.81e3	0.110		4.63						YES
26	1...	Total PFOS	499> 80	0.00e0	1.81e3	0.110		4.60		0.000				
27	22	PFOSA	498 > 78	2.00e1	2.13e3	0.110		4.60	4.60	0.117	0.9205		7.45	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.22e3		0.110	808.136	4.09	4.10	8220	92.3724	81.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.22e3		0.110	808.136	4.09	4.10	8220	92.3724	81.3		
30	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		
31	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		
32	67	13C8-PFOSA-EIS	506 > 78	2.13e3		0.110	257.965	4.59	4.60	2130	75.1361	66.2		
33	-1													
34	26	PFDA	513 > 469		9.65e3	0.110		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.03e2	0.110		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.53e3	0.110		5.08						YES

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.53e3	0.110		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.07e3	0.110		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.65e3		0.110	1081.744	4.93	4.93	9650	81.0752	71.4		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.03e2		0.110	90.113	4.90	4.90	803	80.9667	71.3		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.53e3		0.110	255.309	5.07	5.08	2530	90.0538	79.3		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.53e3		0.110	255.309	5.07	5.08	2530	90.0538	79.3		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.07e3		0.110	985.591	5.01	5.26	8070	74.3566	65.5		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.47e3	0.110		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.47e3	0.110		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.81e3	0.110		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.73e3	0.110		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.73e3	0.110		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.47e3		0.110	255.567	5.23	5.24	2470	87.7736	77.3		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.47e3		0.110	255.567	5.23	5.24	2470	87.7736	77.3		
52	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.73e3		0.110	1022.097	5.54	5.55	8730	77.6371	68.4		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.73e3		0.110	1022.097	5.54	5.55	8730	77.6371	68.4		
55	-1													
56	41	PFTeDA	713.0 > 669.0		5.77e3	0.110		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		4.72e3	0.110		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		5.58e3	0.110		6.03						YES
59	43	PFHxDA	813 > 769		2.89e3	0.110		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		6.64e3	0.110		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	5.77e3		0.110	1007.986	6.01	6.03	5770	51.9896	45.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	4.72e3		0.110	87.979	5.45	5.60	4720	487.8023	36.0		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.58e3		0.110	120.051	6.40	6.05	5580	422.0966	31.1		
64	93	13C2-PFHxDA-EIS	815 > 769.7	2.89e3		0.110	1310.023	6.36	6.37	2890	20.0225	17.6		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.64e3		0.110	100.447	6.25	6.26	6640	600.8437	44.3		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.24e3	0.110		6.40						
68	1...	TDCA	498.3>106.9			0.110		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		
70	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		
71	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.24e3		0.110	108.100	6.40	6.40	7240	608.5870	44.9		

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.81e3		0.110	167.288	4.76	4.63	1810	98.3943	86.6		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

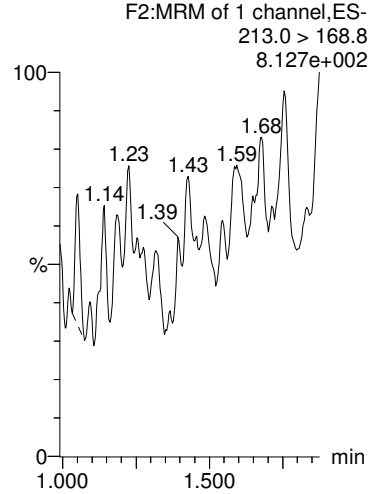
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

PFBA



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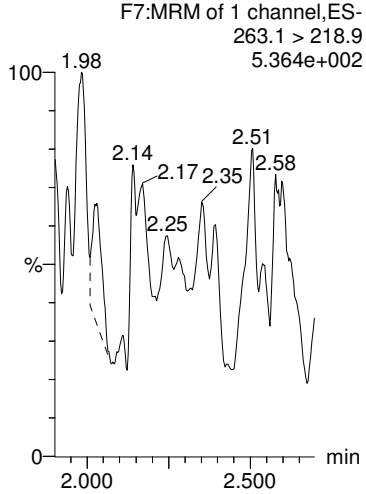

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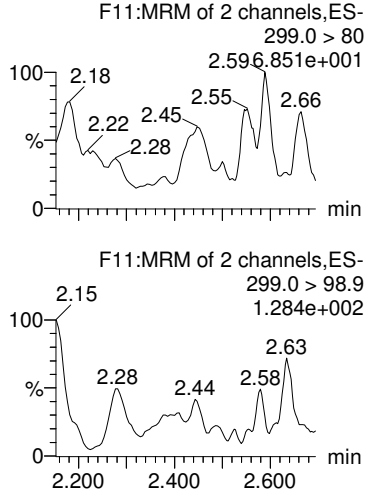

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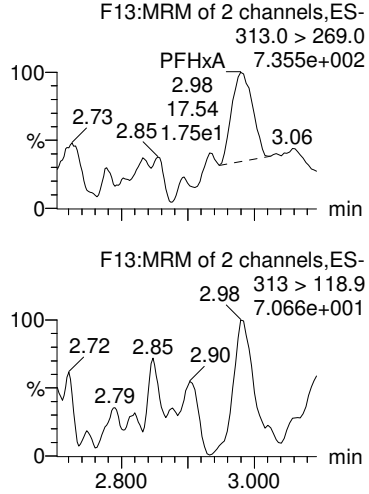

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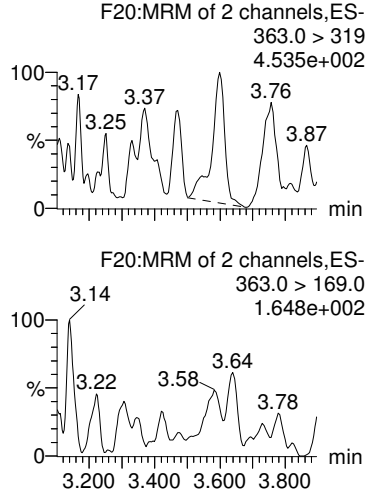

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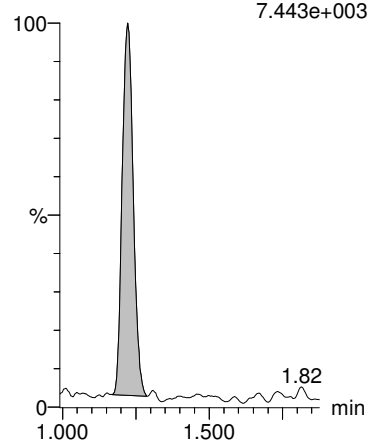

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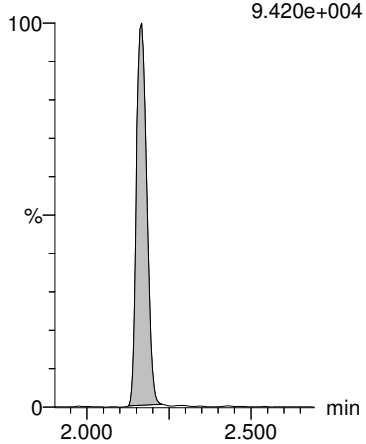

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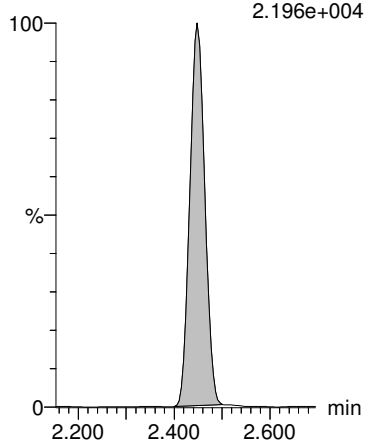

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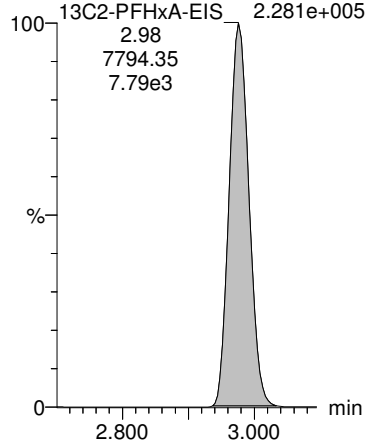

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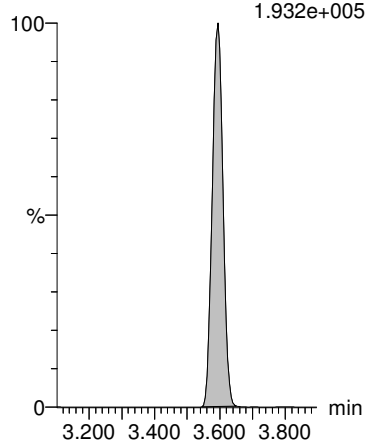


QPV 6/2/2020

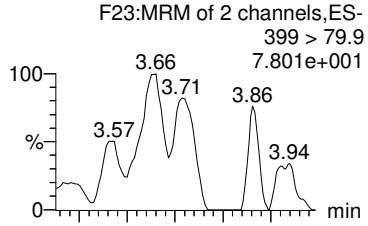
Review: AMR 6/2/2020

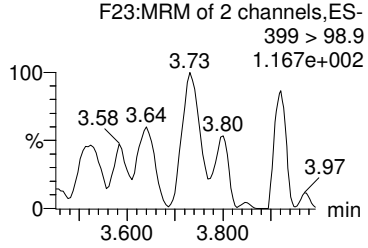
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

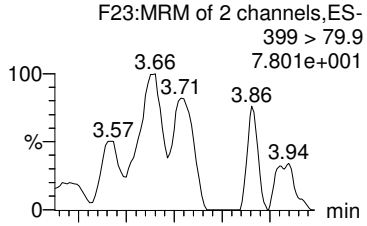
Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

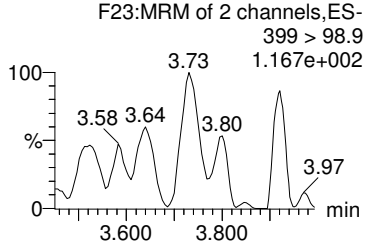
L-PFHxS



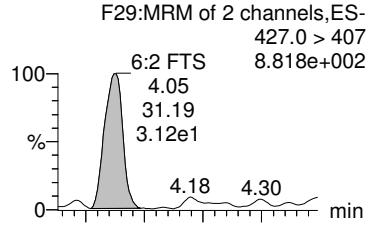


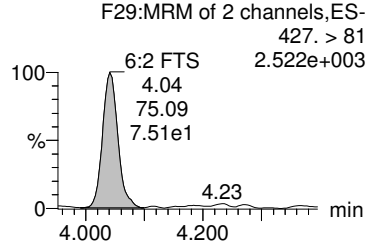
Total PFHxS





6:2 FTS





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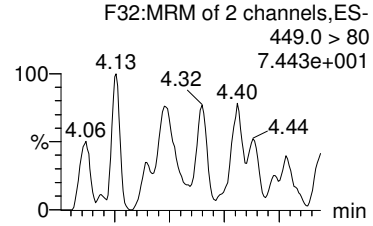

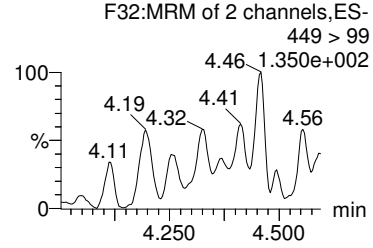

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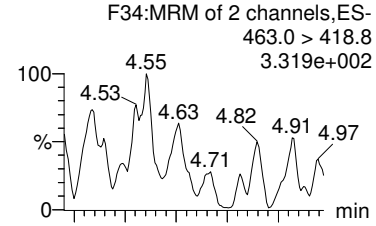

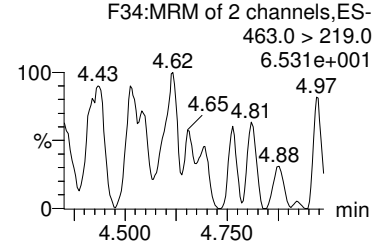

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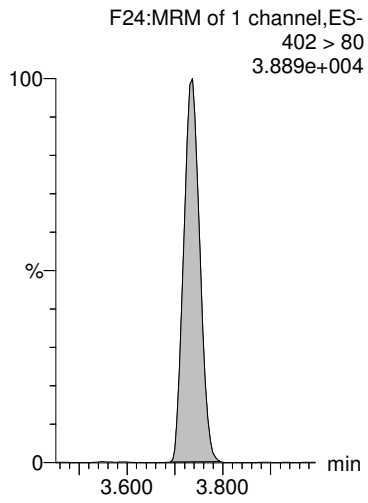

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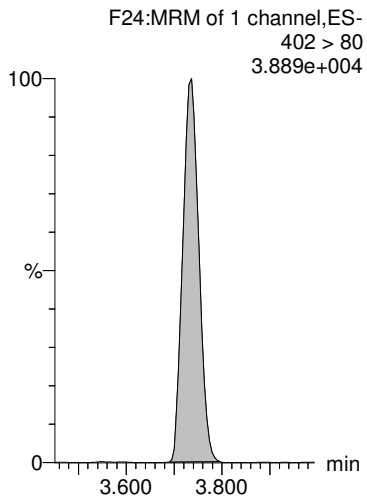
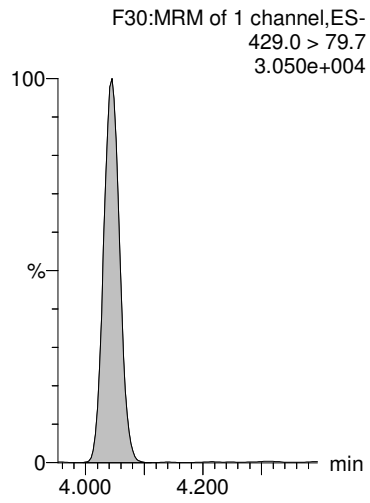


13C2-6:2 FTS-EIS



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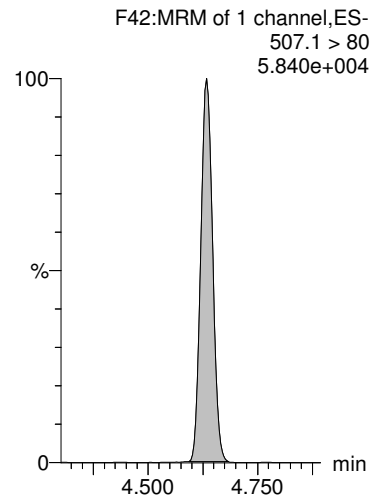

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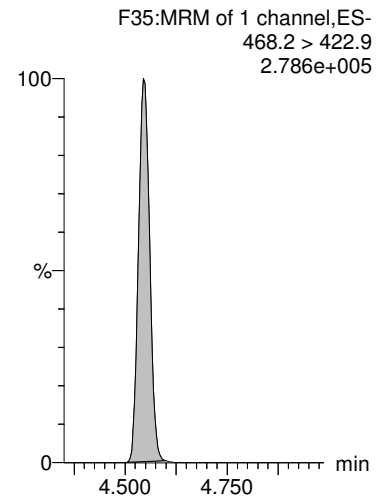


QRV 6/2/2020

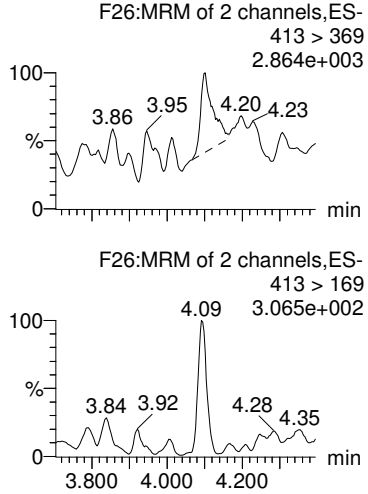
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

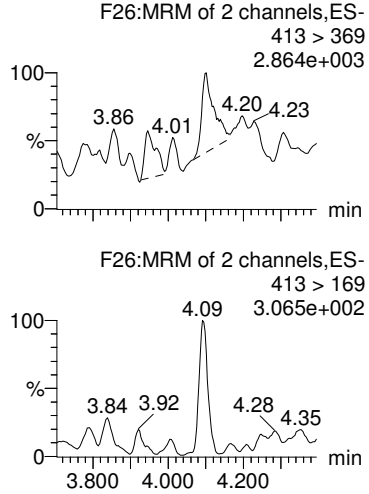
Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

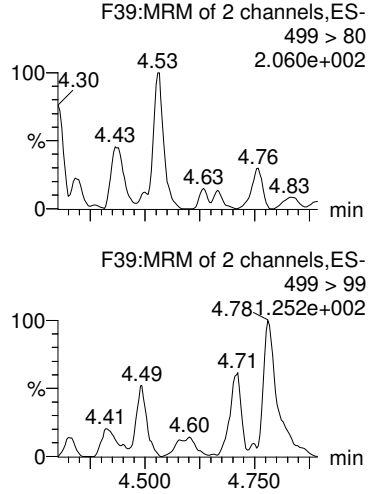
L-PFOA



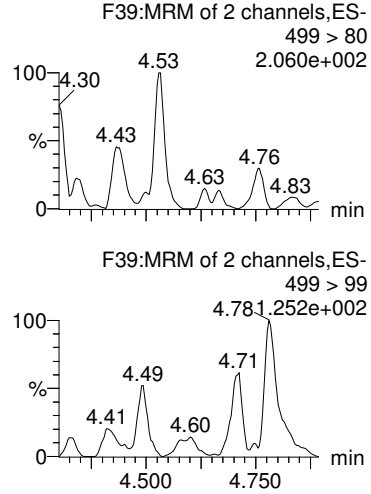
Total PFOA



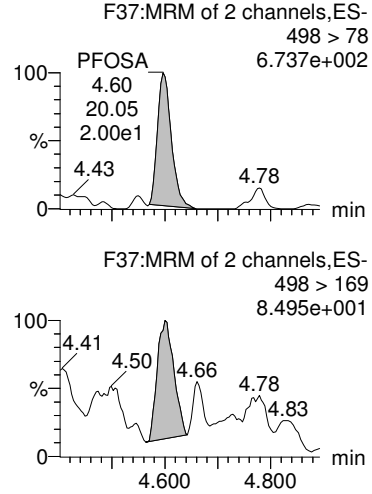
L-PFOS



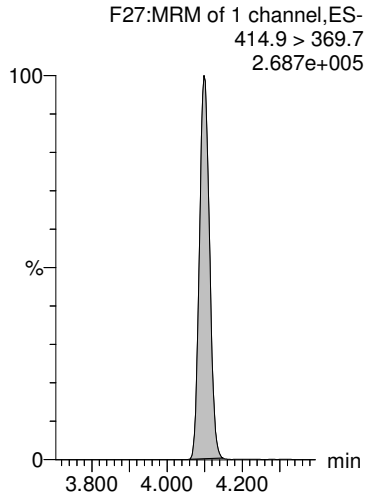
Total PFOS



PFOSA



13C2-PFOA-EIS



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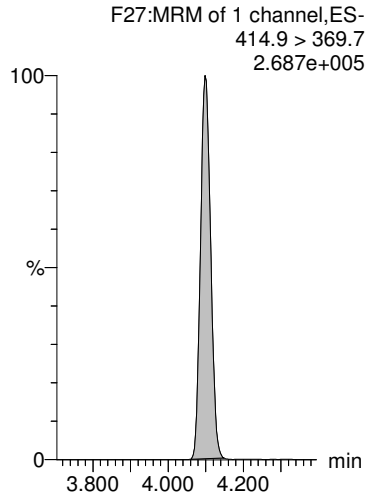

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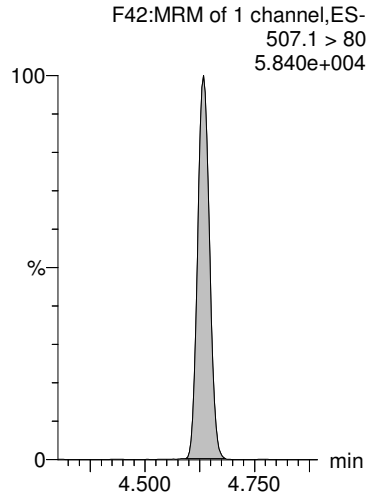

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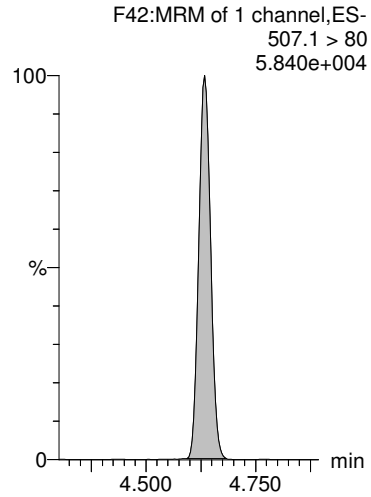
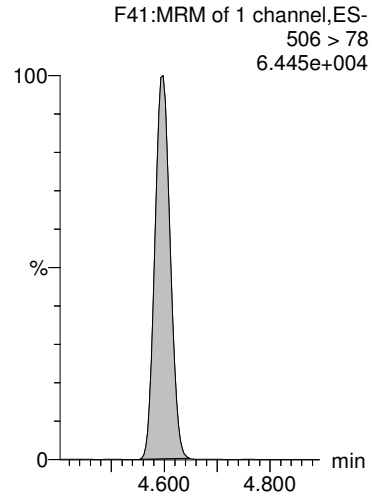


13C8-PFOSA-EIS



QPV 6/2/2020

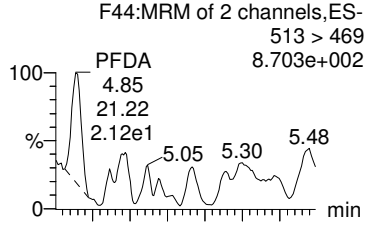
Review: AMR 6/2/2020

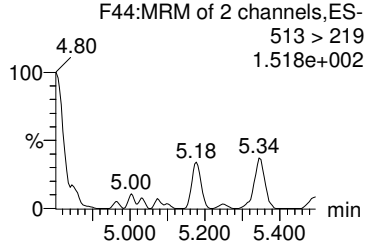
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

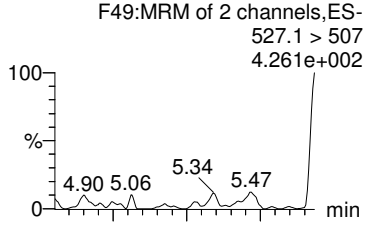
Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

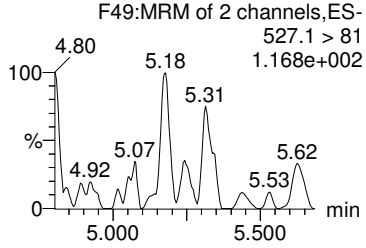
PFDA



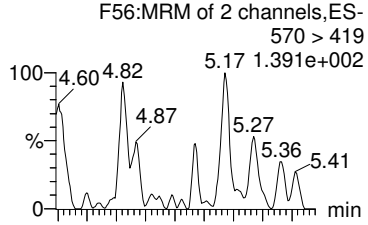


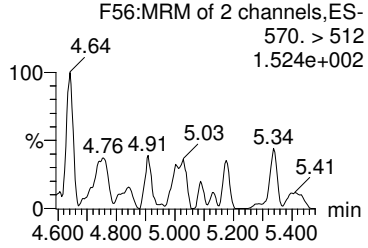
8:2 FTS





L-MeFOSAA





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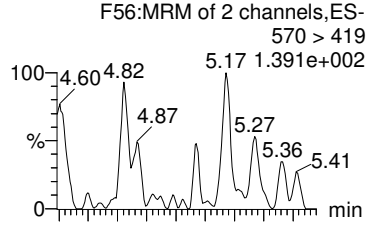
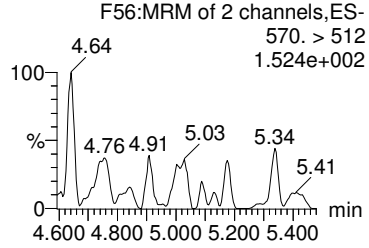
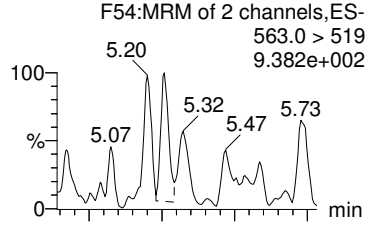
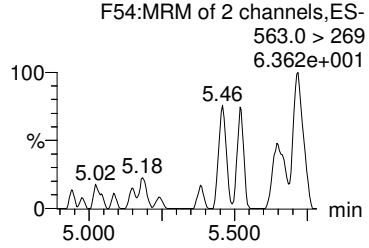




PFUdA





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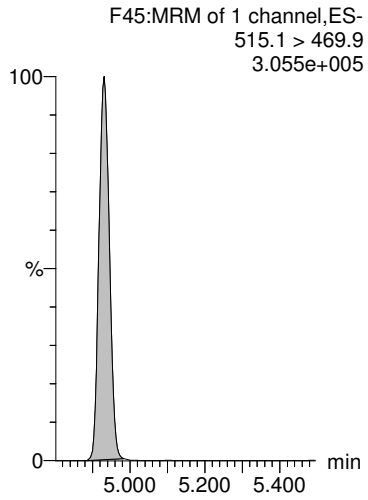
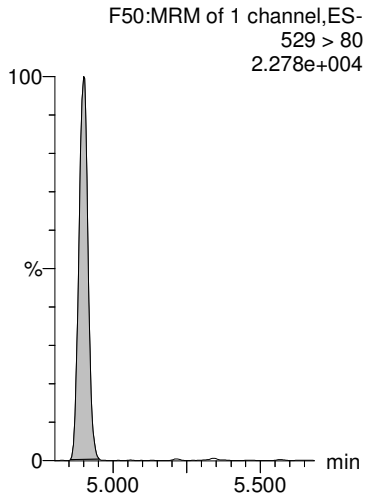
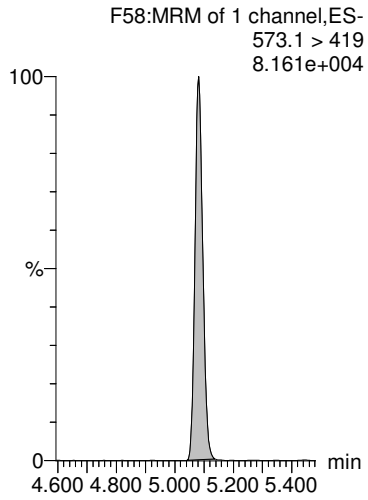


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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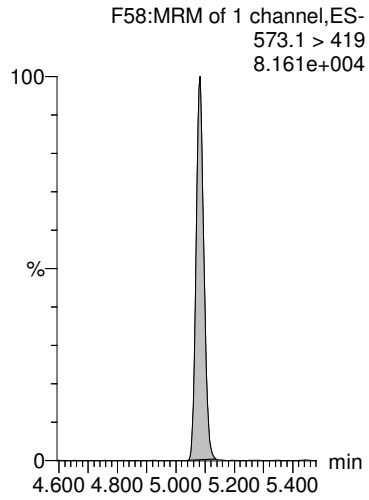

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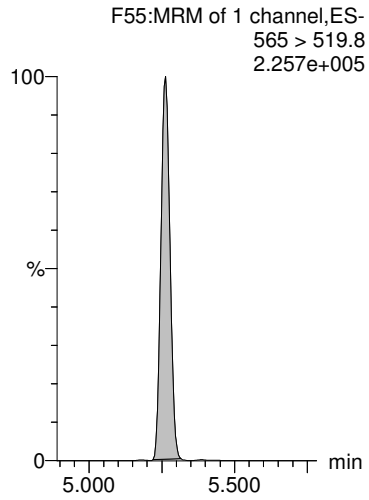


QPV 6/2/2020

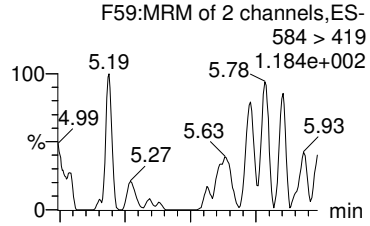
Review: AMR 6/2/2020

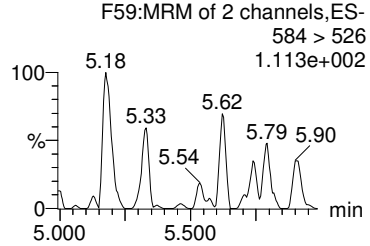
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

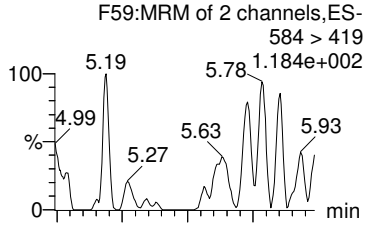
Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

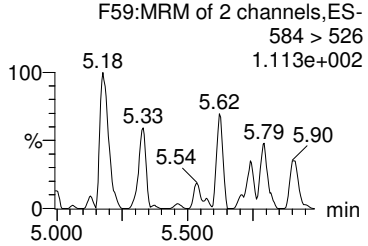
L-EtFOSAA



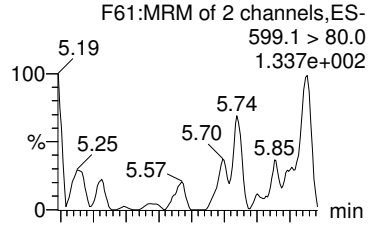


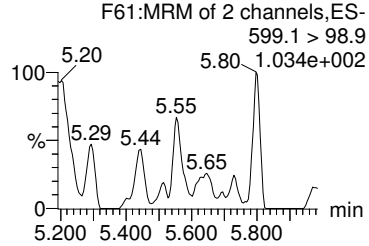
Total N-EtFOSAA



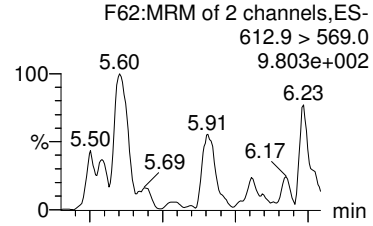


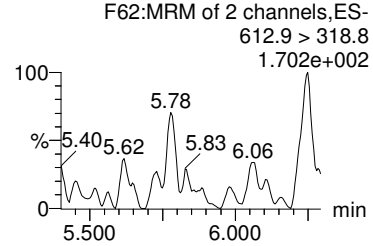
PFDS



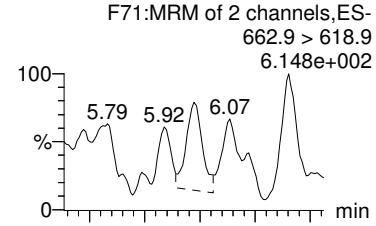


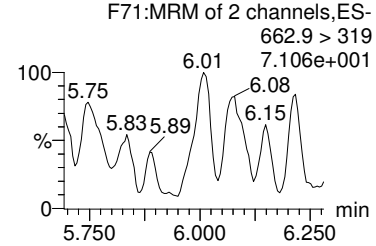
PFDoA



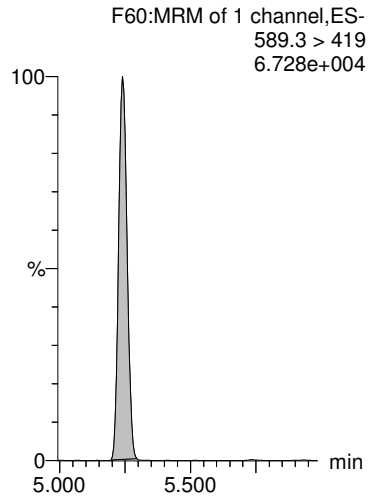


PFTrDA

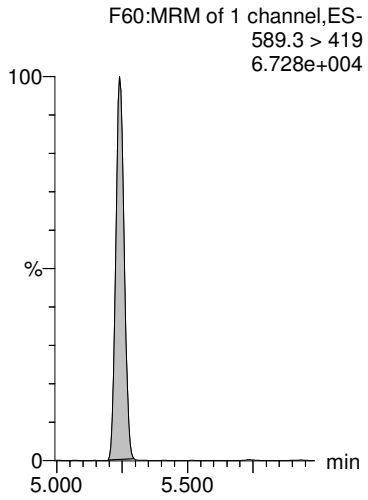




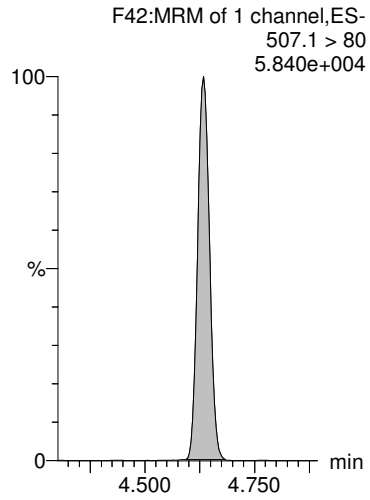
d5-N-EtFOSAA-EIS



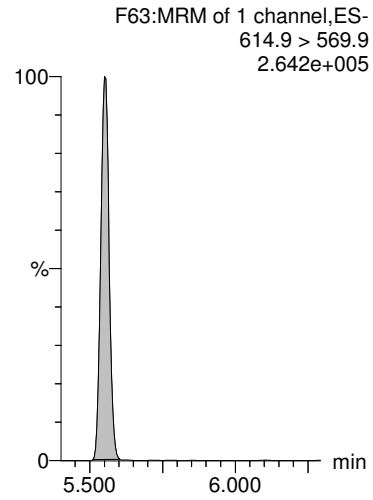
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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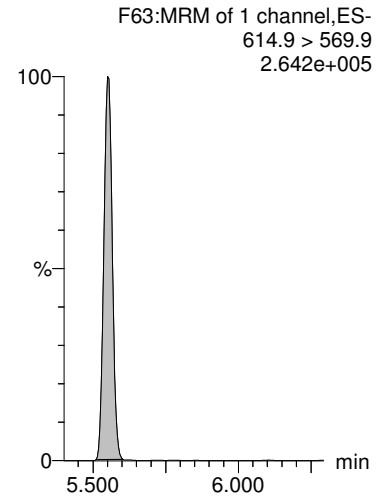


QPV 6/2/2020

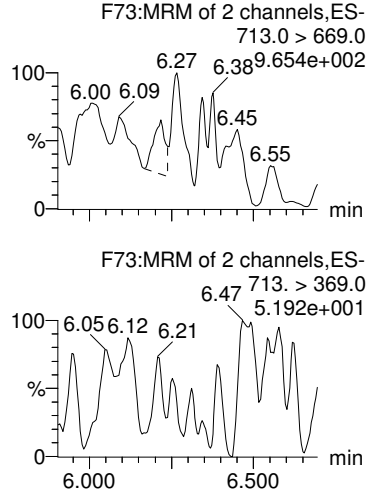
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

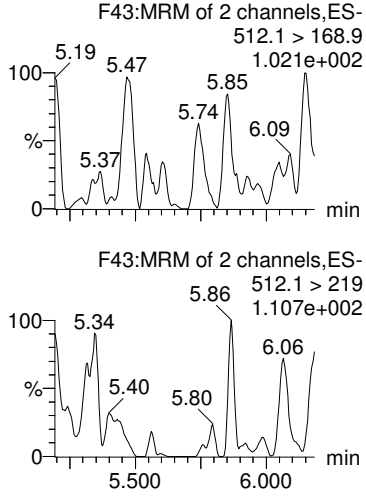
Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

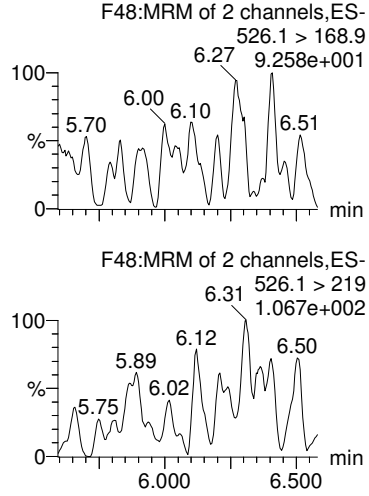
PFTeDA



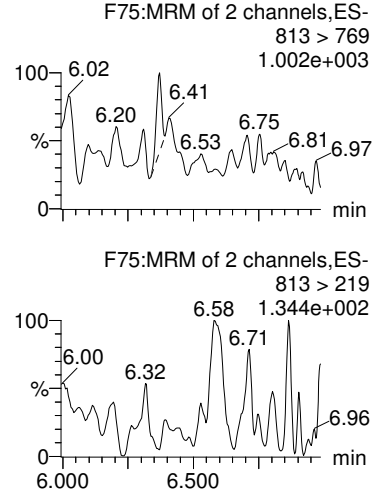
N-MeFOSA



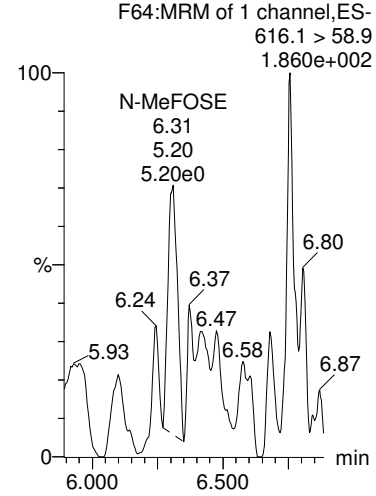
N-EtFOSA



PFHxDA



N-MeFOSE



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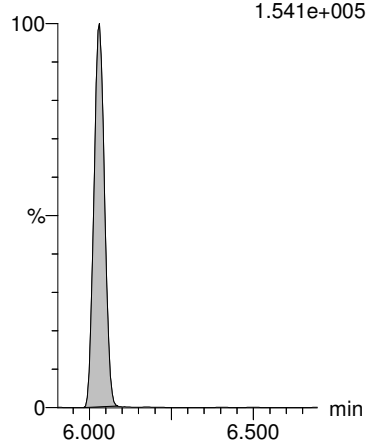
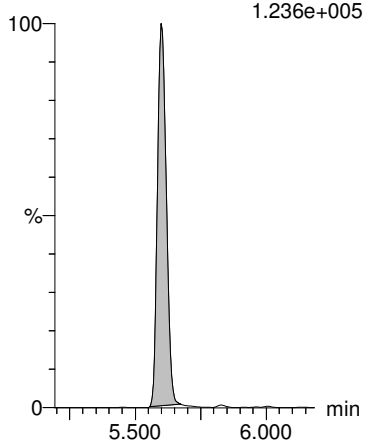
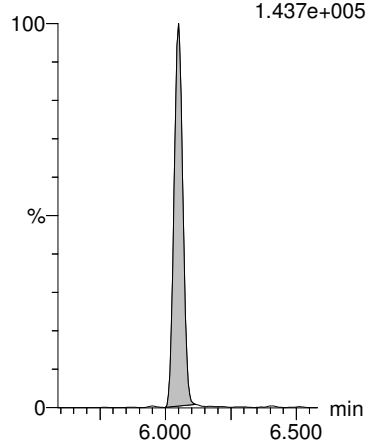


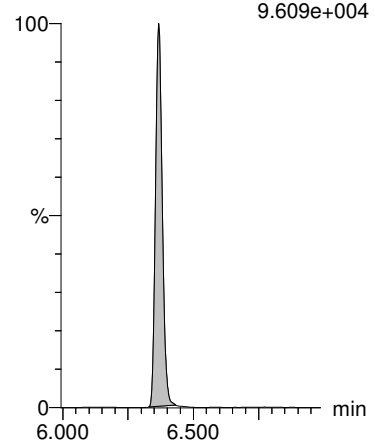
d3-N-MeFOSA-EIS



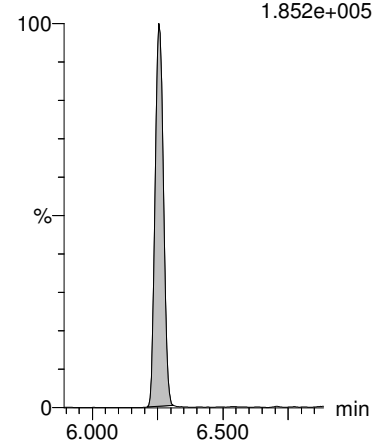
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



QPV 6/2/2020

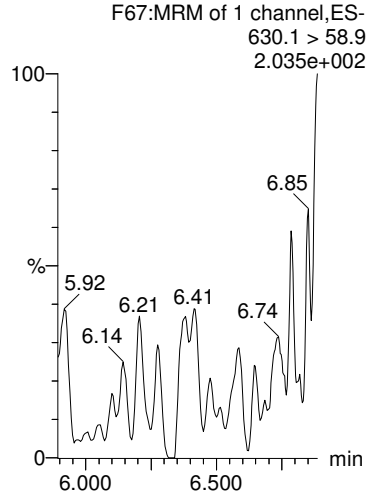
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:35:43 Pacific Daylight Time

Name: 200527P1-40, Date: 27-May-2020, Time: 18:59:55, ID: 2001078-11 GW-MW-21D2 0.11006, Description: GW-MW-21D2

N-EtFOSE



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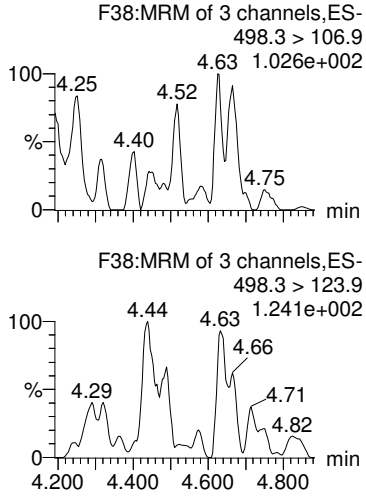

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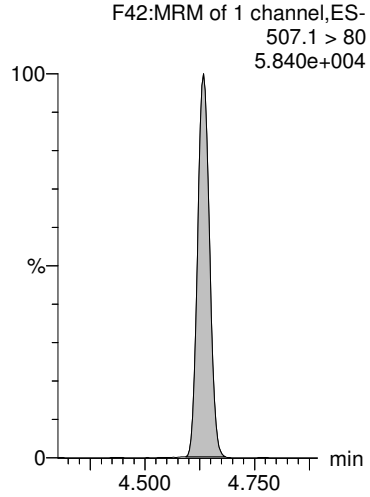

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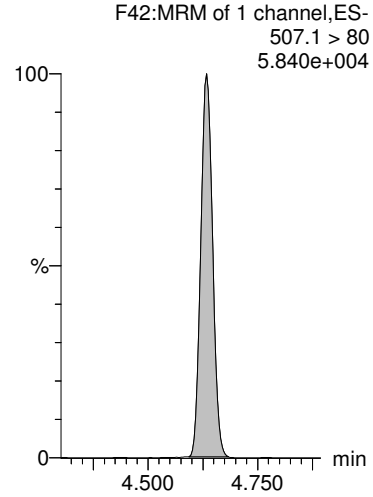

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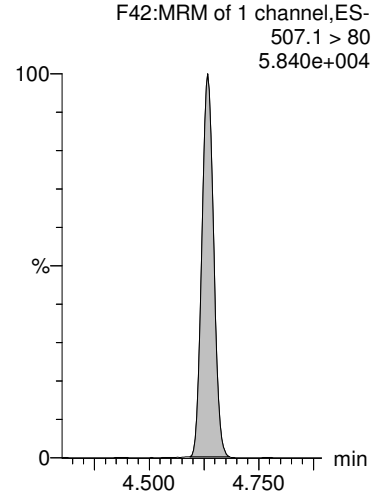
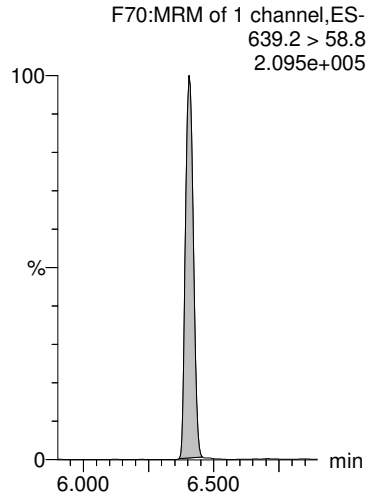
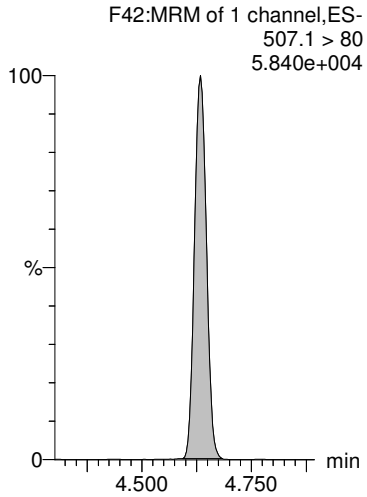


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QRV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	5.87e2	3.39e3	0.116		1.22	1.22	2.16	18.0282			
2	4	PFPeA	263.1 > 218.9	1.46e3	6.04e3	0.116		2.17	2.17	3.02	29.6711			
3	5	PFBS	299.0 > 80	1.45e2	8.23e2	0.116		2.45	2.45	2.21	7.8457		2.57	NO
4	7	PFHxA	313.0 > 269.0	3.88e3	7.80e3	0.116		2.98	2.98	6.22	55.2740		16.0	NO
5	11	PFHpA	363.0 > 319	4.70e3	6.68e3	0.116		3.59	3.59	8.79	61.5496		51.7	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.39e3		0.116	289.289	1.22	1.22	3390	100.6929	93.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.04e3		0.116	588.947	2.15	2.17	6040	88.0453	82.0		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.23e2		0.116	81.912	2.43	2.45	823	86.2725	80.3		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.80e3		0.116	849.096	3.15	2.98	7800	78.9741	73.5		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.68e3		0.116	724.419	3.58	3.59	6680	79.2524	73.8		
11	-1													
12	13	L-PFHxS	399 > 79.9	4.20e2	1.54e3	0.116		3.74	3.74	3.40	27.3767		5.21	NO
13	1...	Total PFHxS	399 > 79.9	4.20e2	1.54e3	0.116		3.93		3.40	27.3767			
14	15	6:2 FTS	427.0 > 407	5.08e0	9.73e2	0.116		4.04	4.05	0.0653	0.3884		2.35	NO
15	19	PFHpS	449.0 > 80	2.04e1	1.63e3	0.116		4.25	4.21	0.156	0.7951		1.09	YES
16	21	PFNA	463.0 > 418.8	1.05e3	8.00e3	0.116		4.55	4.55	1.65	13.4078		16.3	NO
17	61	13C3-PFHxS-EIS	402 > 80	1.54e3		0.116	171.580	3.92	3.74	1540	77.3251	72.0		
18	61	13C3-PFHxS-EIS	402 > 80	1.54e3		0.116	171.580	3.92	3.74	1540	77.3251	72.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.73e2		0.116	92.769	4.50	4.04	973	90.0772	83.9		
20	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.00e3		0.116	827.265	4.74	4.55	8000	83.1007	77.4		
22	-1													
23	16	L-PFOA	413 > 369	1.54e4	7.93e3	0.116		4.10	4.10	24.3	191.7749		3.11	NO
24	1...	Total PFOA	413 > 369	1.54e4	7.93e3	0.116		4.60		24.3	191.7749			
25	23	L-PFOS	499 > 80	5.38e2	1.63e3	0.116		4.63	4.64	4.11	28.9514		2.65	NO
26	1...	Total PFOS	499> 80	5.38e2	1.63e3	0.116		4.60		4.11	28.9514			
27	22	PFOSA	498 > 78	1.62e2	1.68e3	0.116		4.60	4.60	1.21	15.9755		14.2	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.93e3		0.116	808.136	4.09	4.10	7930	84.3167	78.5		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.93e3		0.116	808.136	4.09	4.10	7930	84.3167	78.5		
30	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		
31	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		
32	67	13C8-PFOSA-EIS	506 > 78	1.68e3		0.116	257.965	4.59	4.60	1680	55.9126	52.1		
33	-1													
34	26	PFDA	513 > 469		9.35e3	0.116		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.62e2	0.116		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.17e3	0.116		5.08						YES

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.17e3	0.116		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.90e3	0.116		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.35e3		0.116	1081.744	4.93	4.93	9350	74.2798	69.2		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.62e2		0.116	90.113	4.90	4.90	862	82.1546	76.5		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.17e3		0.116	255.309	5.07	5.08	2170	72.9707	67.9		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.17e3		0.116	255.309	5.07	5.08	2170	72.9707	67.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.90e3		0.116	985.591	5.01	5.26	8900	77.5757	72.2		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.20e3	0.116		5.25						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.20e3	0.116		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.63e3	0.116		5.25						YES
48	37	PFDoA	612.9 > 569.0		9.19e3	0.116		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.19e3	0.116		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.20e3		0.116	255.567	5.23	5.25	2200	74.0842	69.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.20e3		0.116	255.567	5.23	5.25	2200	74.0842	69.0		
52	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.19e3		0.116	1022.097	5.54	5.55	9190	77.2178	71.9		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.19e3		0.116	1022.097	5.54	5.55	9190	77.2178	71.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.15e3	0.116		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		3.71e3	0.116		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		5.13e3	0.116		6.03						YES
59	43	PFHxDA	813 > 769		6.60e3	0.116		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		6.99e3	0.116		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.15e3		0.116	1007.986	6.01	6.03	7150	60.9565	56.8		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.71e3		0.116	87.979	5.45	5.60	3710	362.3171	28.3		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.13e3		0.116	120.051	6.40	6.05	5130	366.9664	28.6		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.60e3		0.116	1310.023	6.36	6.37	6600	43.2961	40.3		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.99e3		0.116	100.447	6.25	6.25	6990	597.4831	46.6		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.88e3	0.116		6.41						
68	1...	TDCA	498.3>106.9			0.116		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		
70	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		
71	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.88e3		0.116	108.100	6.40	6.41	7880	626.4596	48.9		

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.63e3		0.116	167.288	4.76	4.63	1630	83.8931	78.1		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

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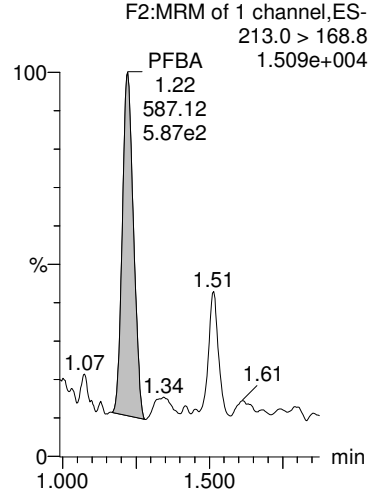

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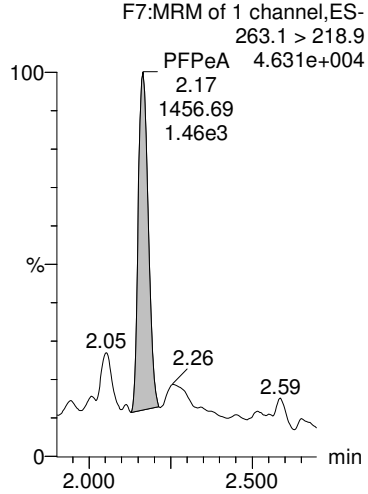

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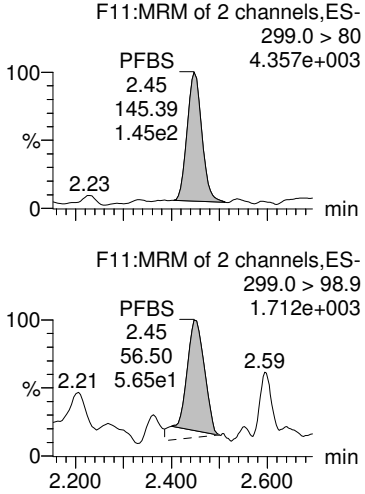

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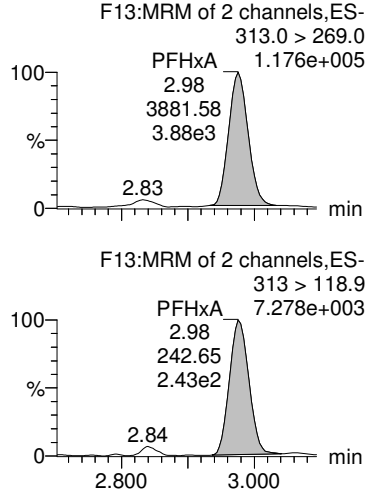

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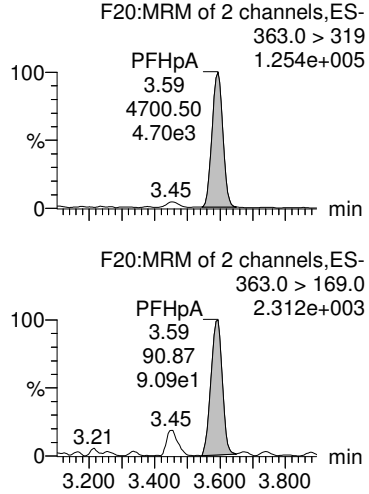

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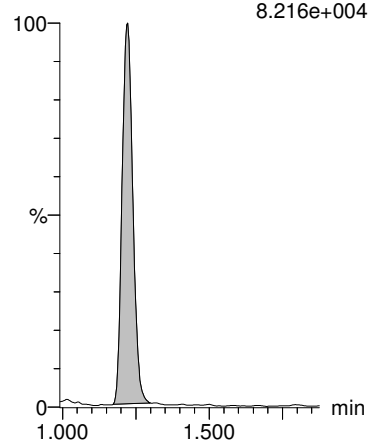

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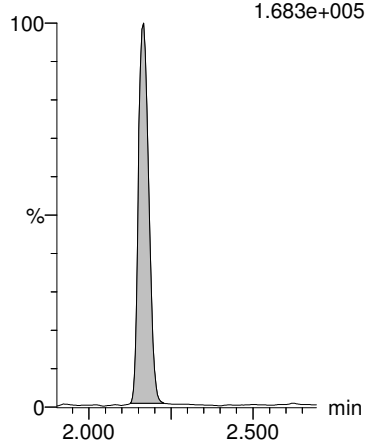

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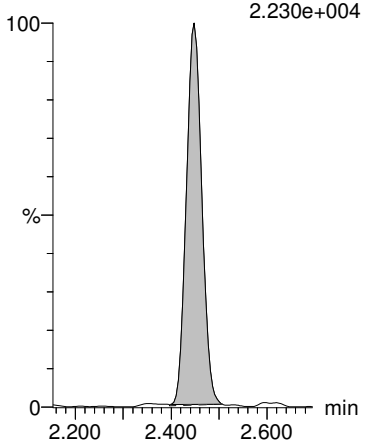

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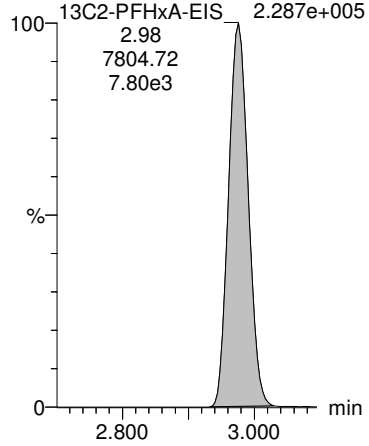

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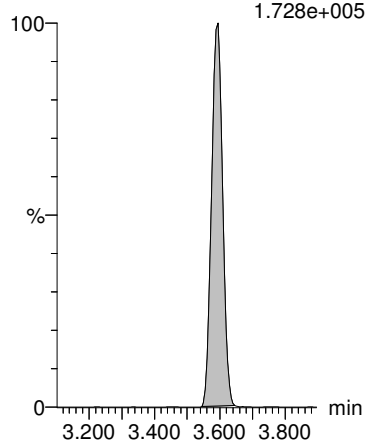


 QRV 6/2/2020

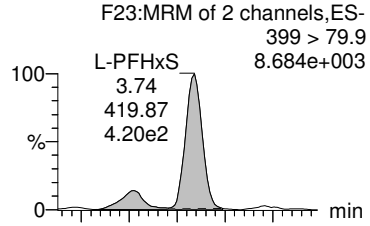
Review: AMR 6/2/2020

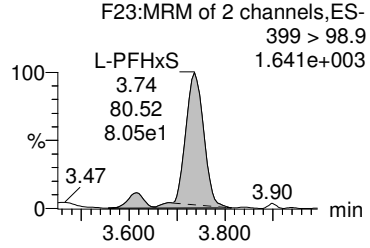
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

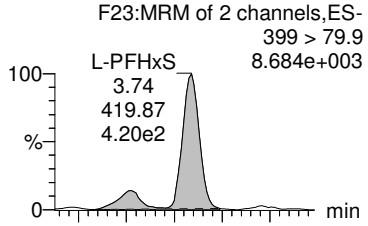
Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

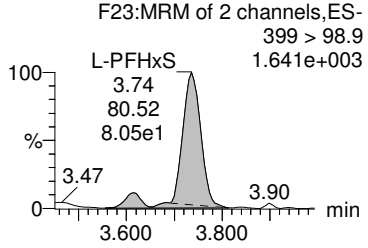
L-PFHxS



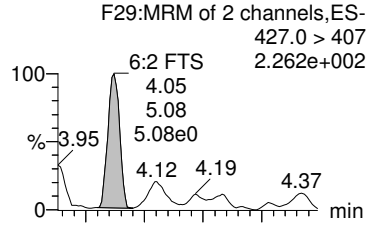


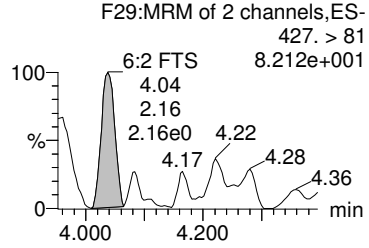
Total PFHxS





6:2 FTS





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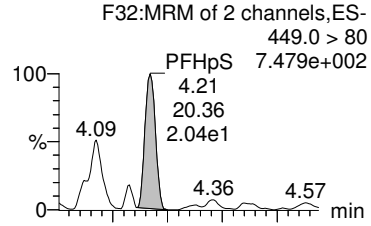

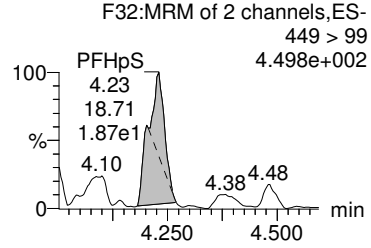

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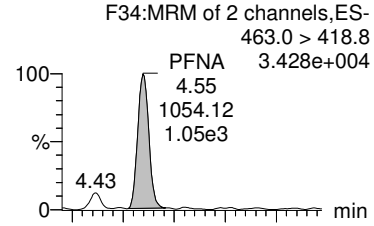

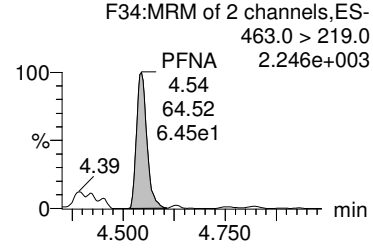

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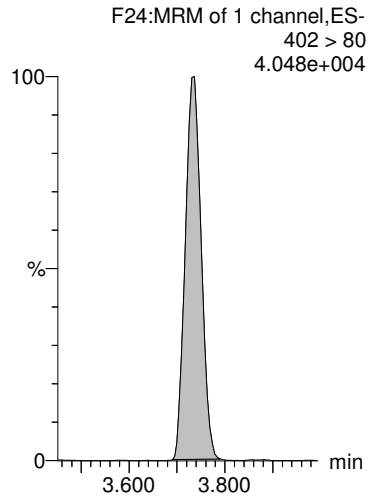

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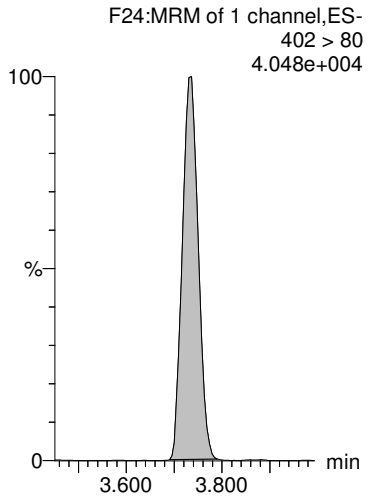
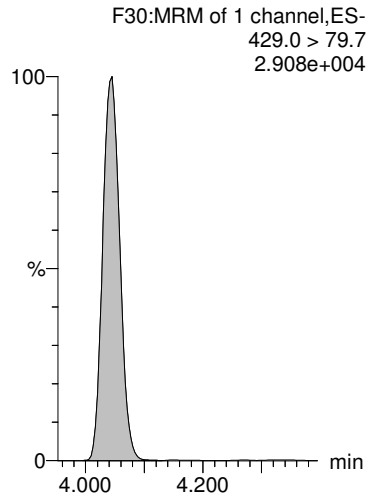


13C2-6:2 FTS-EIS



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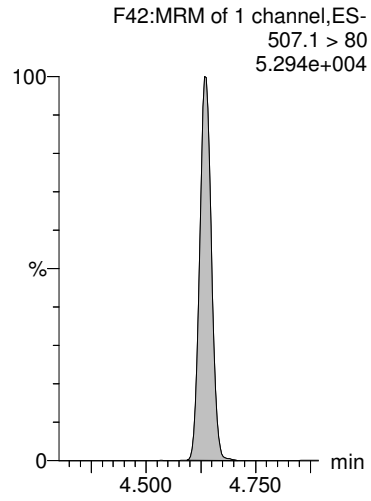

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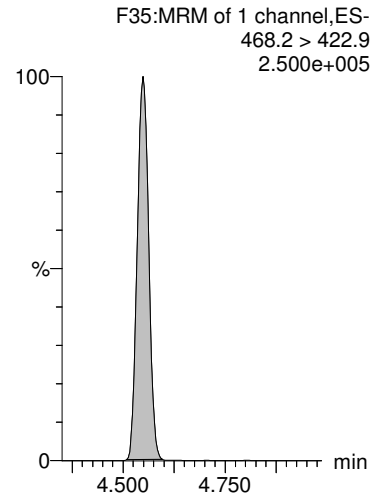


QRV 6/2/2020

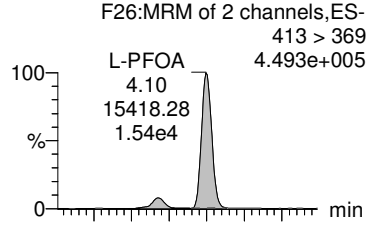
Review: AMR 6/2/2020

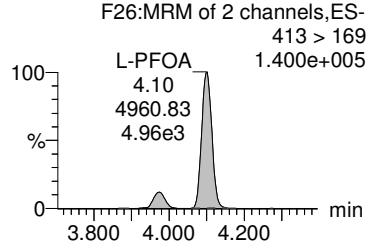
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

L-PFOA





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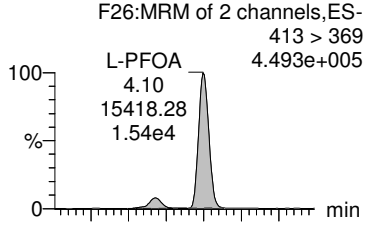

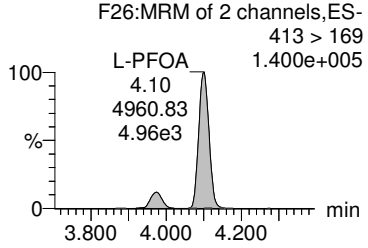

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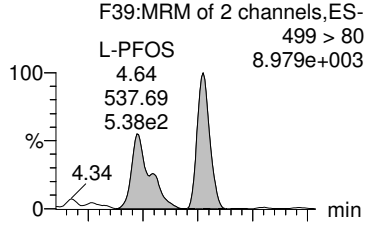

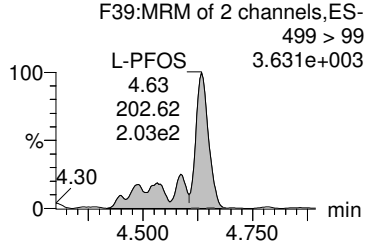

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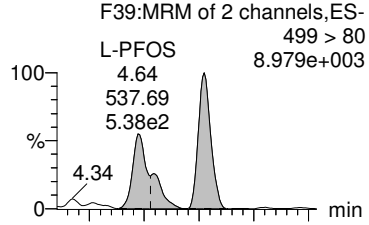

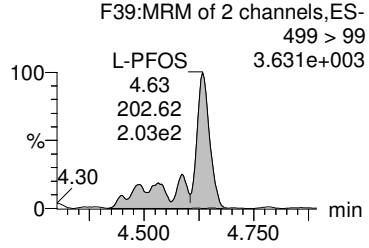

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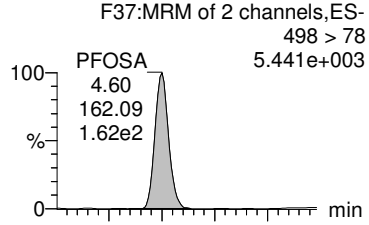

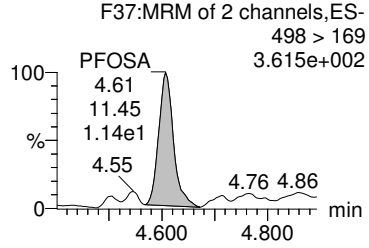

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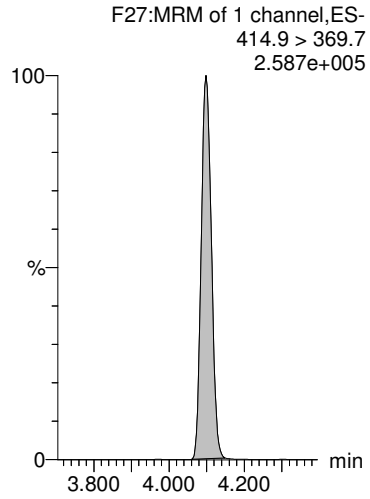

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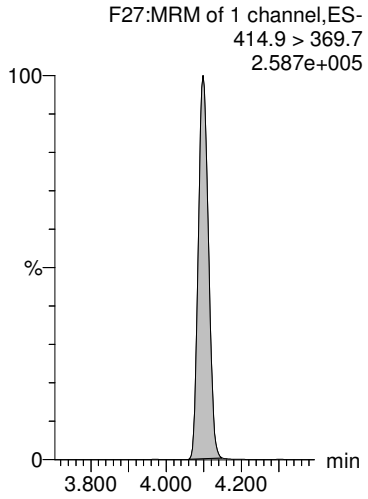

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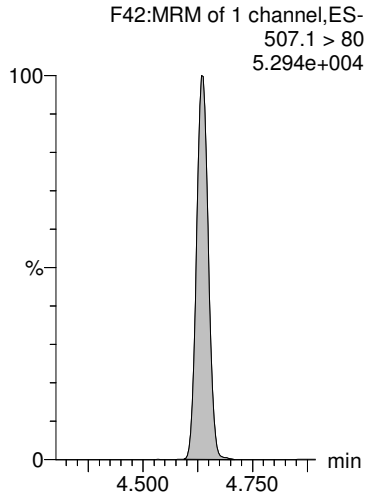

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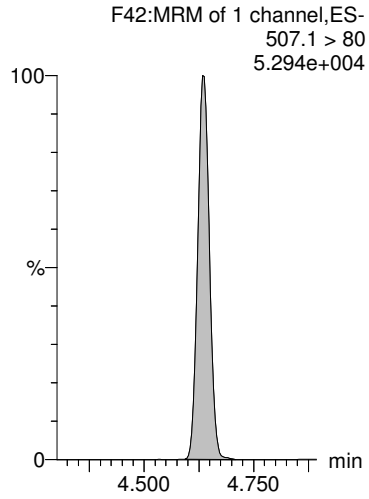

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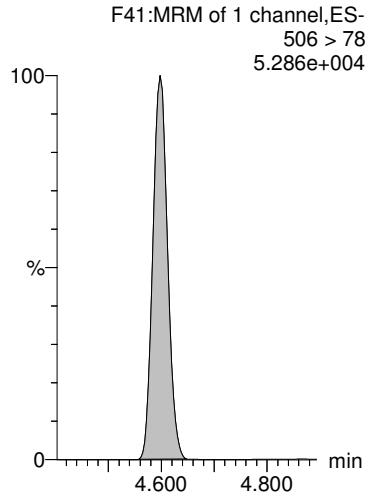


QPV 6/2/2020

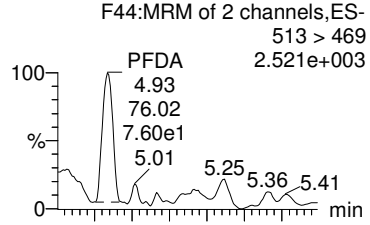
Review: AMR 6/2/2020

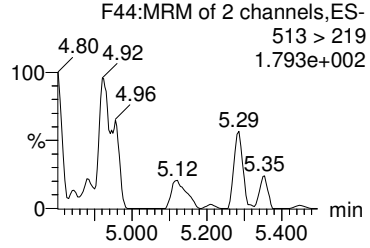
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

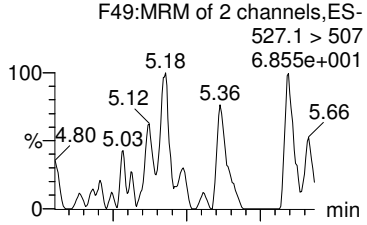
Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

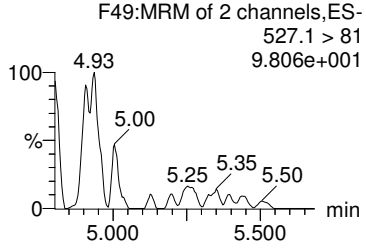
PFDA



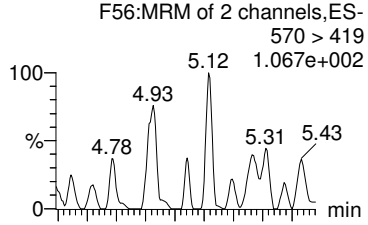


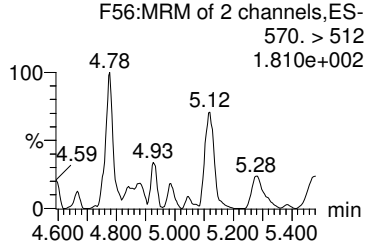
8:2 FTS





L-MeFOSAA





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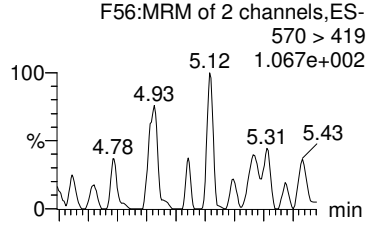
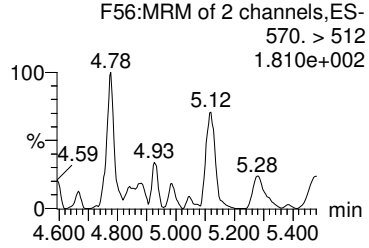
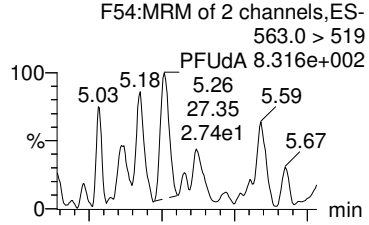
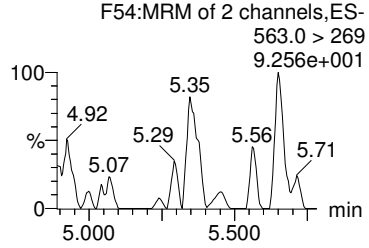




PFUdA





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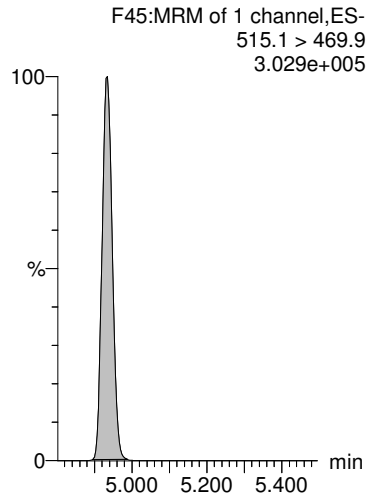

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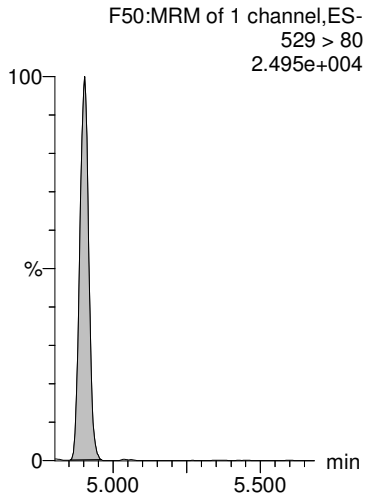

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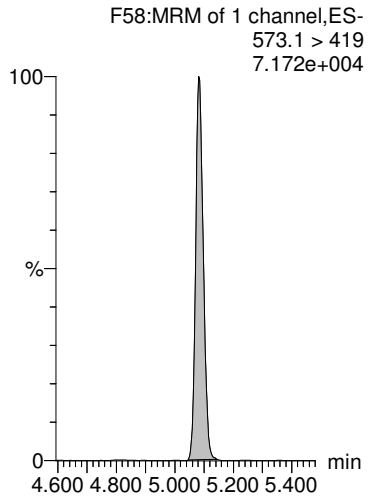

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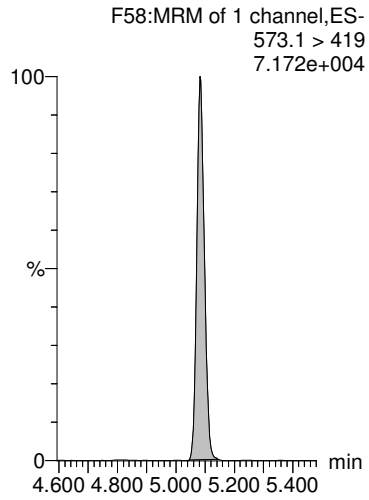

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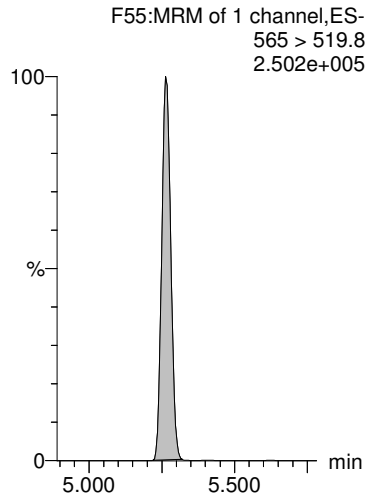

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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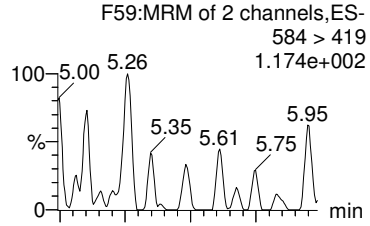
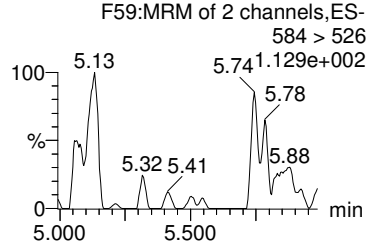
Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

L-EtFOSAA





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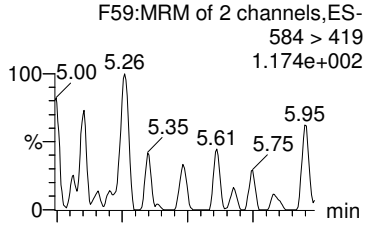

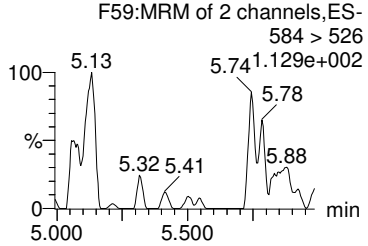

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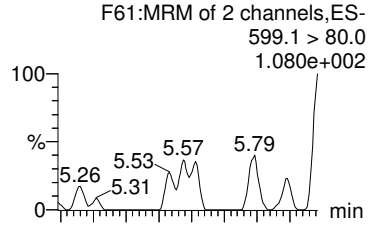

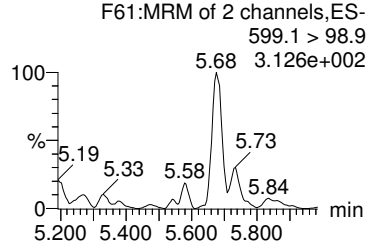

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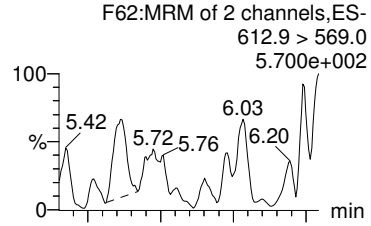

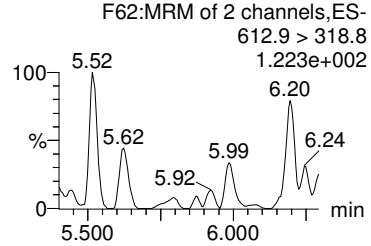

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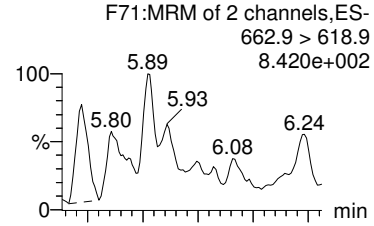

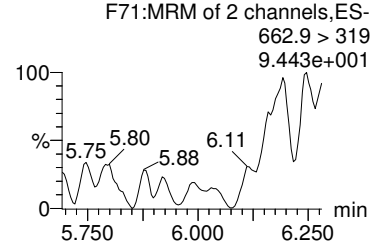

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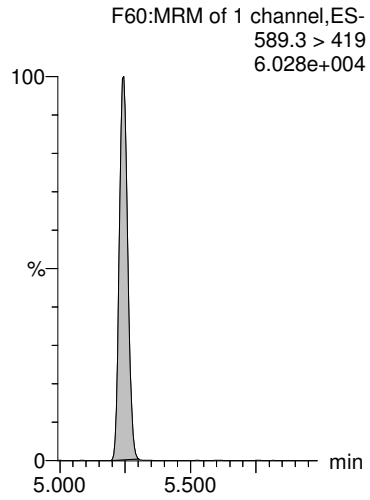

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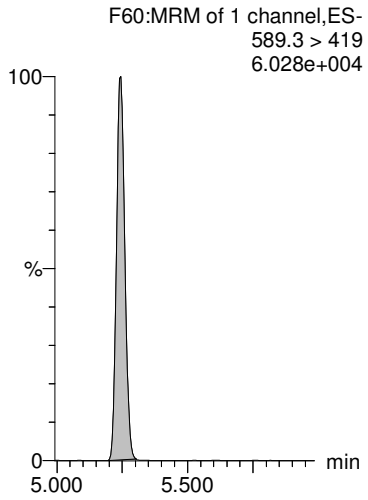

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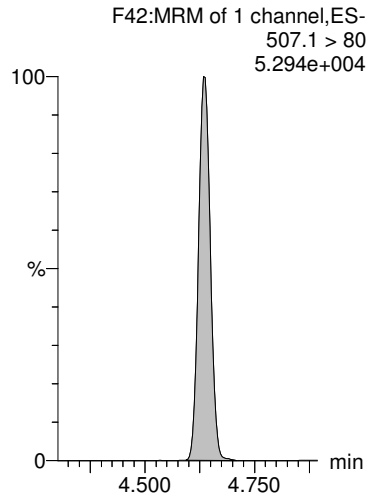

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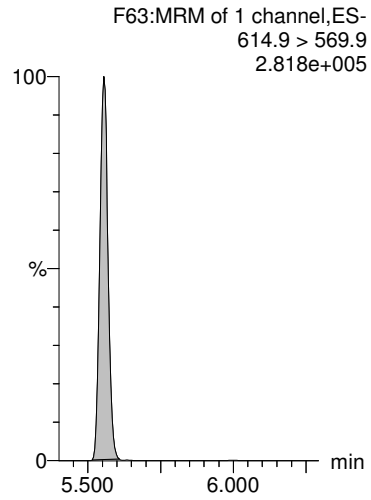

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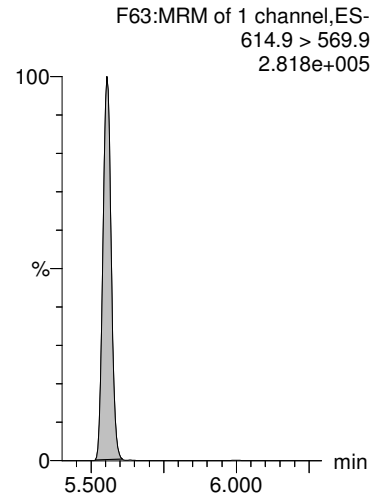

QPV 6/2/2020

Review: AMR 6/2/2020

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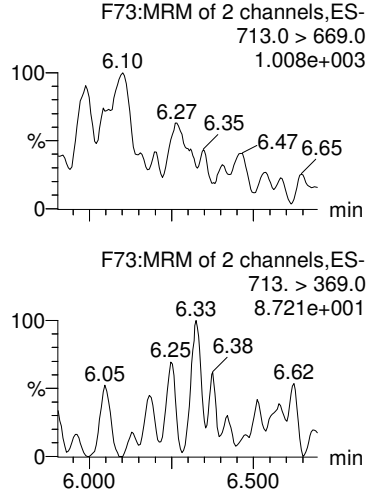
Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

PFTeDA



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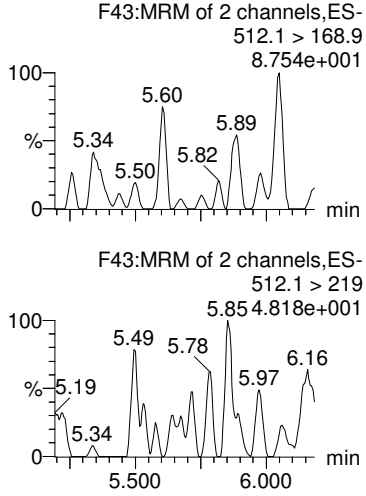

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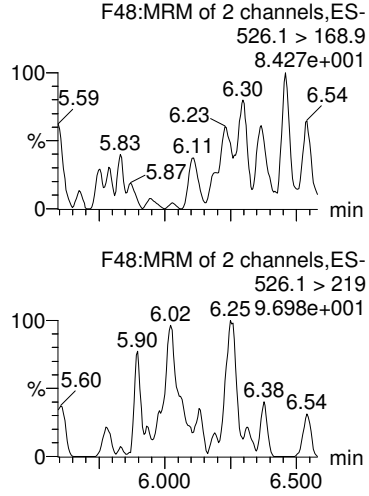

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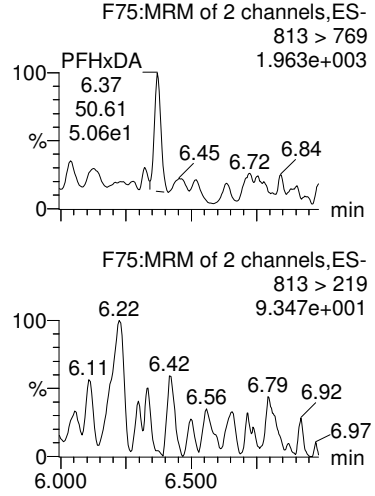

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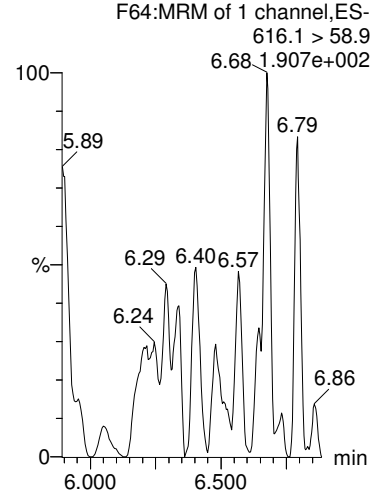

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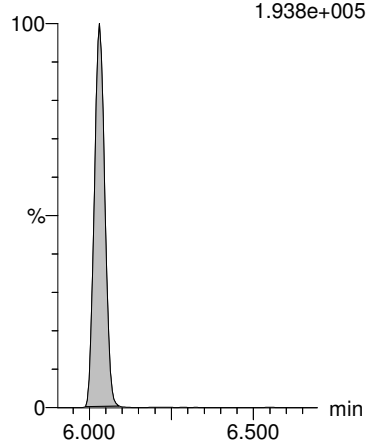

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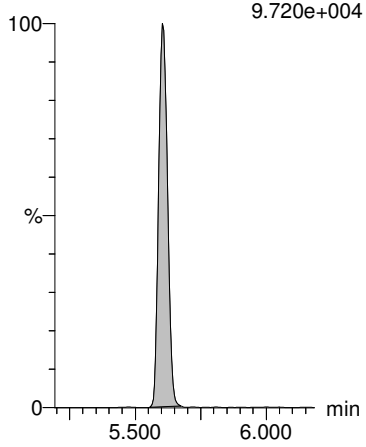

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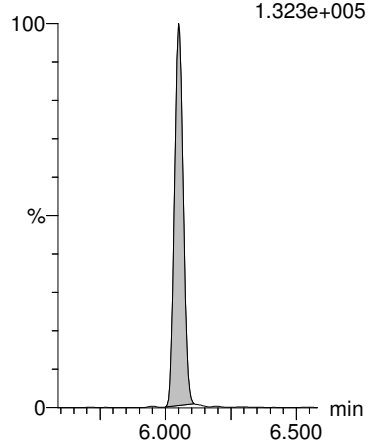
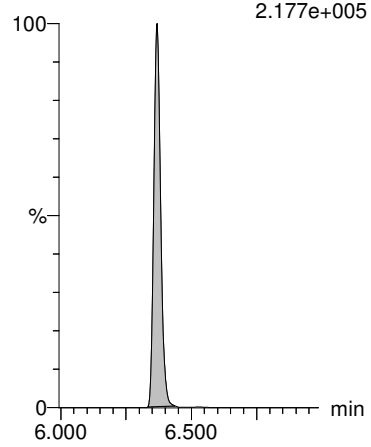
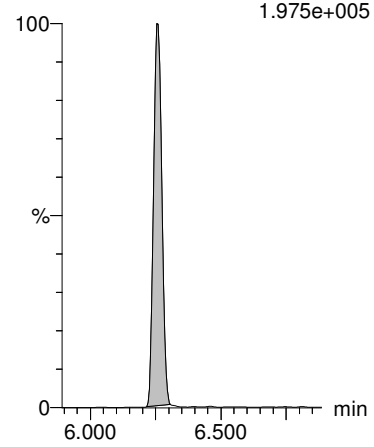


13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



QPV 6/2/2020

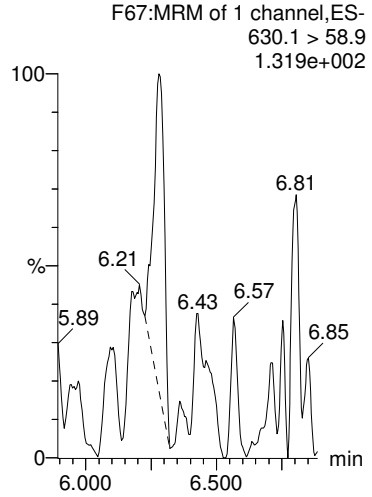
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

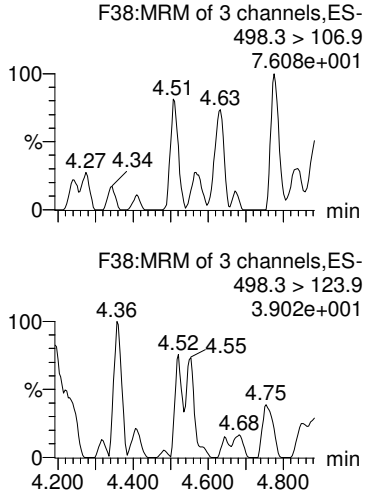
Last Altered: Tuesday, June 02, 2020 11:25:04 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:13 Pacific Daylight Time

Name: 200527P1-41, Date: 27-May-2020, Time: 19:10:25, ID: 2001078-12 GW-MW-21S 0.11639, Description: GW-MW-21S

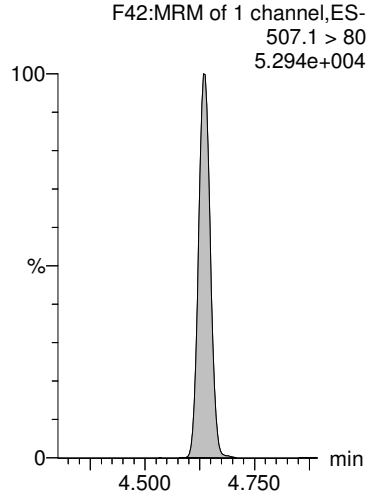
N-EtFOSE



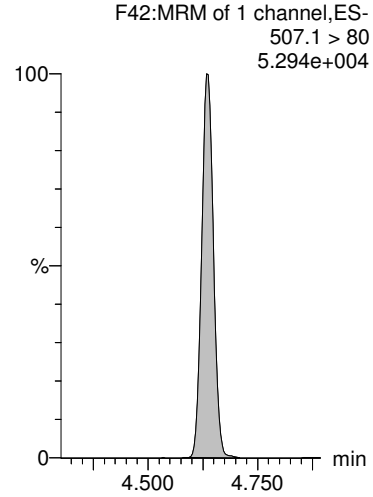
TDCA



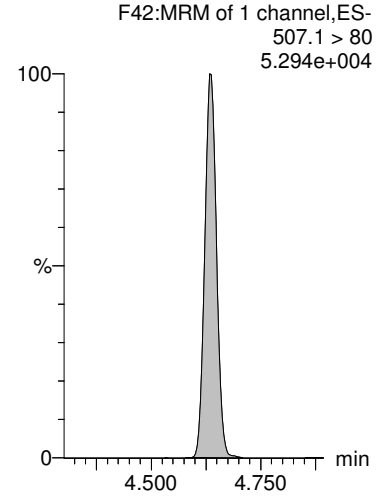
13C8-PFOS-EIS



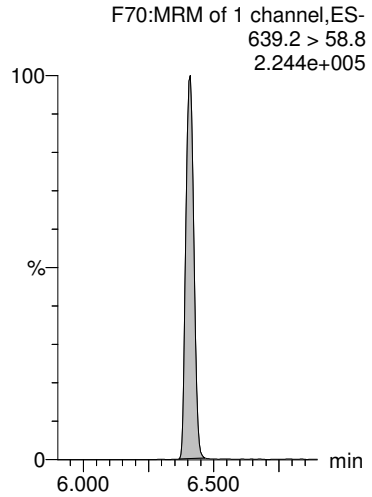
13C8-PFOS-EIS



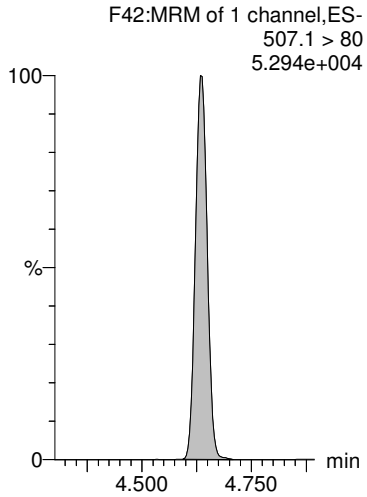
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QRV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1.79e2	4.48e3	0.113		1.22	1.22	0.501	3.6964			
2	4	PFPeA	263.1 > 218.9	3.71e2	5.93e3	0.113		2.16	2.17	0.781	7.7360			
3	5	PFBS	299.0 > 80	4.75e1	7.84e2	0.113		2.45	2.45	0.757	2.6902		2.25	NO
4	7	PFHxA	313.0 > 269.0	1.06e3	7.70e3	0.113		2.98	2.98	1.72	15.3094		15.3	NO
5	11	PFHpA	363.0 > 319	1.27e3	6.86e3	0.113		3.59	3.59	2.31	16.4082		115	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.48e3		0.113	289.289	1.22	1.22	4480	137.1251	123.9		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	5.93e3		0.113	588.947	2.15	2.16	5930	89.1692	80.5		
8	51	13C3-PFBS-EIS	302.0 > 98.9	7.84e2		0.113	81.912	2.43	2.45	784	84.7537	76.5		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.70e3		0.113	849.096	3.15	2.98	7700	80.3480	72.6		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.86e3		0.113	724.419	3.58	3.59	6860	83.8393	75.7		
11	-1													
12	13	L-PFHxS	399 > 79.9	1.37e2	1.57e3	0.113		3.73	3.73	1.09	9.0355		4.00	NO
13	1...	Total PFHxS	399 > 79.9	1.37e2	1.57e3	0.113		3.93		1.09	9.0355			
14	15	6:2 FTS	427.0 > 407		9.03e2	0.113		4.04						YES
15	19	PFHpS	449.0 > 80		1.65e3	0.113		4.25						YES
16	21	PFNA	463.0 > 418.8	3.14e2	8.39e3	0.113		4.54	4.54	0.468	3.6507		31.0	NO
17	61	13C3-PFHxS-EIS	402 > 80	1.57e3		0.113	171.580	3.92	3.73	1570	80.8087	73.0		
18	61	13C3-PFHxS-EIS	402 > 80	1.57e3		0.113	171.580	3.92	3.73	1570	80.8087	73.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.03e2		0.113	92.769	4.50	4.04	903	86.2435	77.9		
20	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.39e3		0.113	827.265	4.74	4.54	8390	89.8132	81.1		
22	-1													
23	16	L-PFOA	413 > 369	4.12e3	7.90e3	0.113		4.09	4.10	6.51	52.4071		3.21	NO
24	1...	Total PFOA	413 > 369	4.12e3	7.90e3	0.113		4.60		6.51	52.4071			
25	23	L-PFOS	499 > 80	2.07e2	1.65e3	0.113		4.63	4.63	1.58	11.5042		2.53	NO
26	1...	Total PFOS	499> 80	2.07e2	1.65e3	0.113		4.60		1.58	11.5042			
27	22	PFOSA	498 > 78	6.26e1	1.69e3	0.113		4.60	4.59	0.464	5.8503		12.3	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	7.90e3		0.113	808.136	4.09	4.09	7900	86.6282	78.2		
29	69	13C2-PFOA-EIS	414.9 > 369.7	7.90e3		0.113	808.136	4.09	4.09	7900	86.6282	78.2		
30	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		
31	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		
32	67	13C8-PFOSA-EIS	506 > 78	1.69e3		0.113	257.965	4.59	4.60	1690	57.9453	52.3		
33	-1													
34	26	PFDA	513 > 469		1.01e4	0.113		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.57e2	0.113		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.52e3	0.113		5.08						YES

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Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.52e3	0.113		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.90e3	0.113		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.01e4		0.113	1081.744	4.93	4.93	10100	82.9530	74.9		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.57e2		0.113	90.113	4.90	4.90	857	84.2747	76.1		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.52e3		0.113	255.309	5.07	5.08	2520	87.3519	78.9		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.52e3		0.113	255.309	5.07	5.08	2520	87.3519	78.9		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.90e3		0.113	985.591	5.01	5.26	8900	80.0021	72.3		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.47e3	0.113		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.47e3	0.113		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.65e3	0.113		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.92e3	0.113		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.92e3	0.113		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.47e3		0.113	255.567	5.23	5.24	2470	85.6356	77.3		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.47e3		0.113	255.567	5.23	5.24	2470	85.6356	77.3		
52	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.92e3		0.113	1022.097	5.54	5.55	8920	77.3199	69.8		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.92e3		0.113	1022.097	5.54	5.55	8920	77.3199	69.8		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.22e3	0.113		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		3.55e3	0.113		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		5.14e3	0.113		6.03						YES
59	43	PFHxDA	813 > 769		6.71e3	0.113		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		7.63e3	0.113		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.22e3		0.113	1007.986	6.01	6.03	8220	72.2732	65.3		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.55e3		0.113	87.979	5.45	5.60	3550	357.6443	27.1		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.14e3		0.113	120.051	6.40	6.05	5140	379.0092	28.7		
64	93	13C2-PFHxDA-EIS	815 > 769.7	6.71e3		0.113	1310.023	6.36	6.37	6710	45.3741	41.0		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	7.63e3		0.113	100.447	6.25	6.26	7630	672.8543	50.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		8.16e3	0.113		6.40						
68	1...	TDCA	498.3>106.9			0.113		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		
70	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		
71	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8.16e3		0.113	108.100	6.40	6.40	8160	668.9890	50.6		

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Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.65e3		0.113	167.288	4.76	4.63	1650	87.1583	78.7		

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Review: AMR 6/3/2020

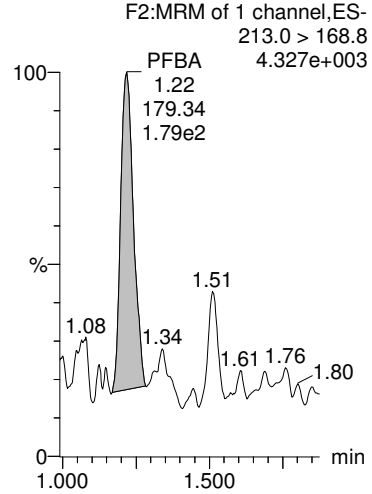
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

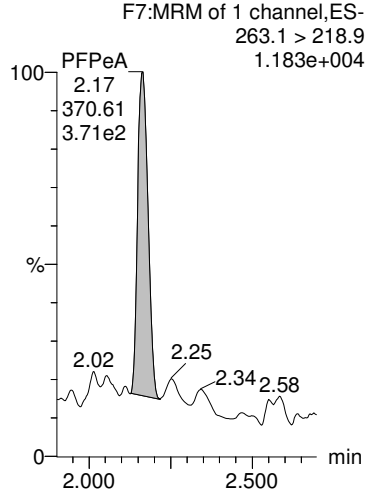
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

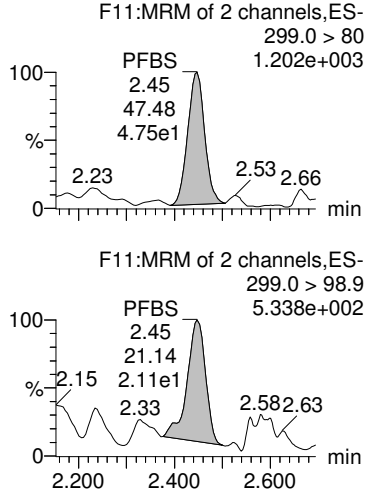
PFBA



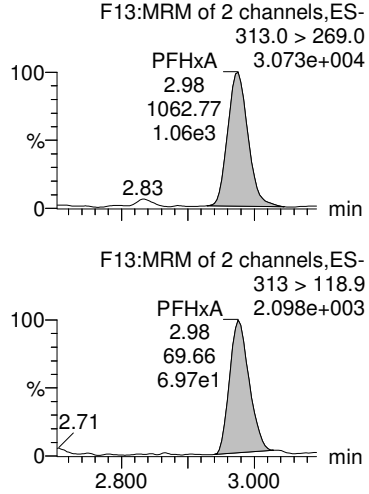
PFPeA



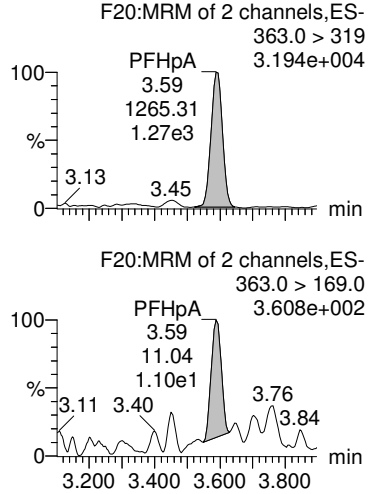
PFBS



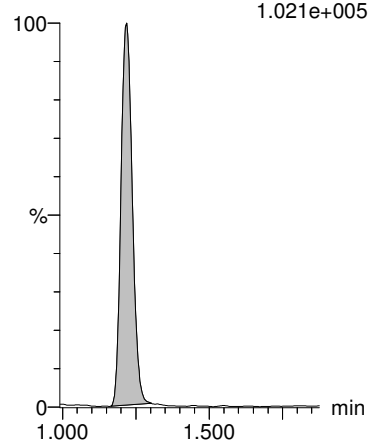
PFHxA



PFHpA



13C3-PFBA-EIS



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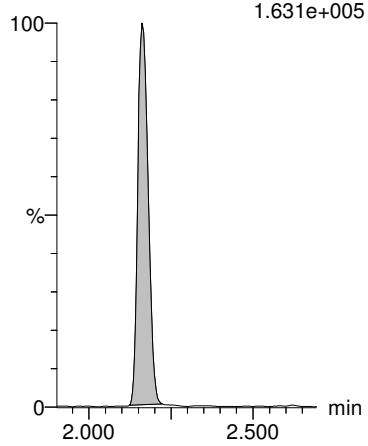

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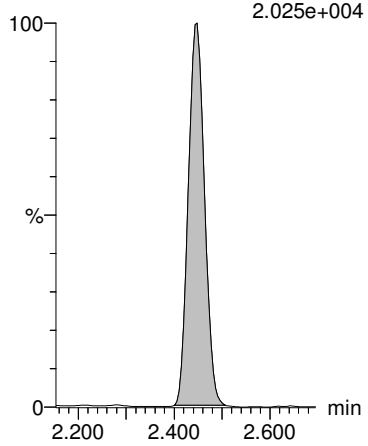
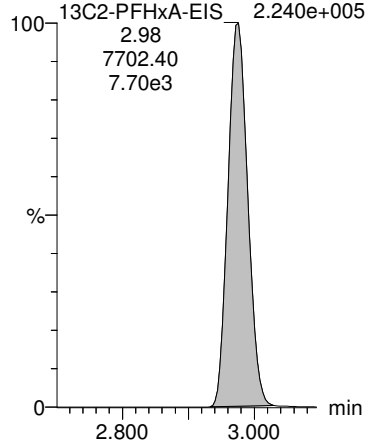
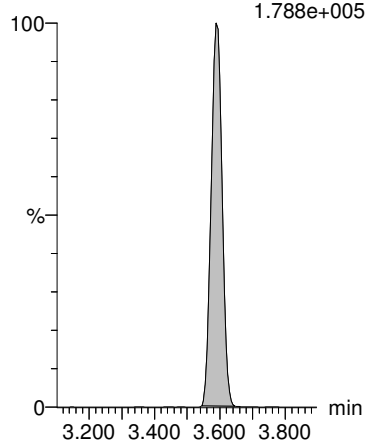


13C2-PFHxA-EIS



13C4-PFHpA-EIS



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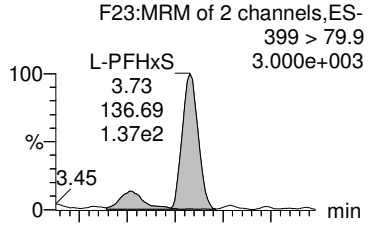
Review: AMR 6/3/2020

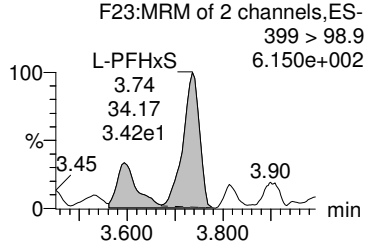
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

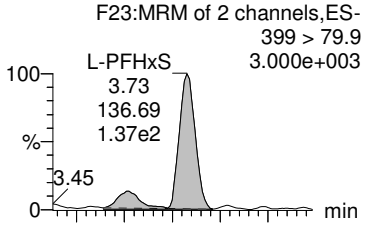
Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

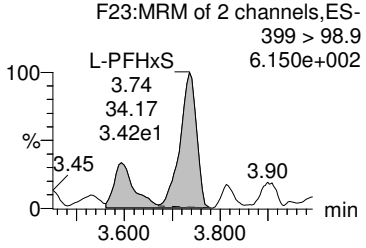
L-PFHxS



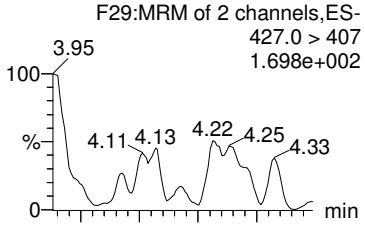


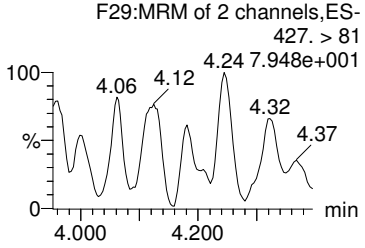
Total PFHxS





6:2 FTS





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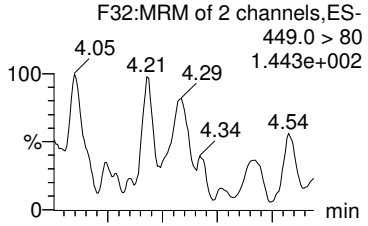

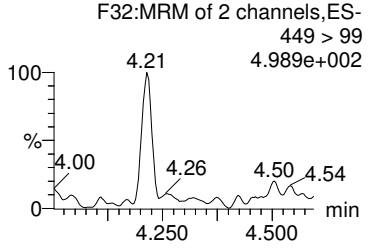

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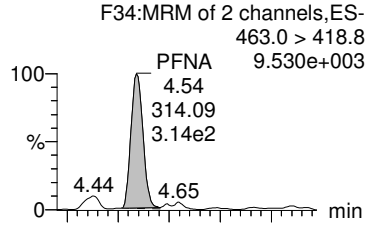
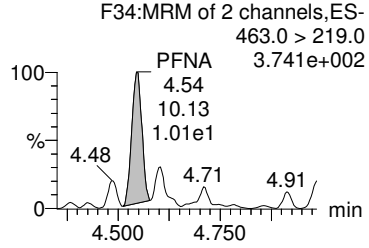
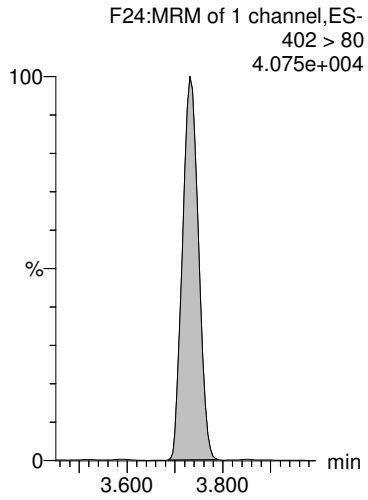




13C3-PFHxS-EIS



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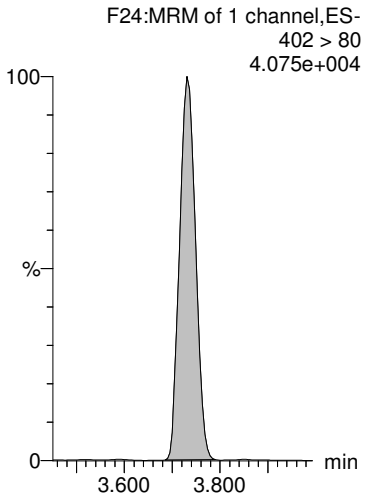
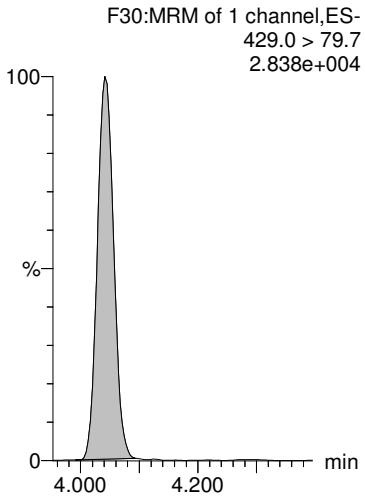


13C2-6:2 FTS-EIS



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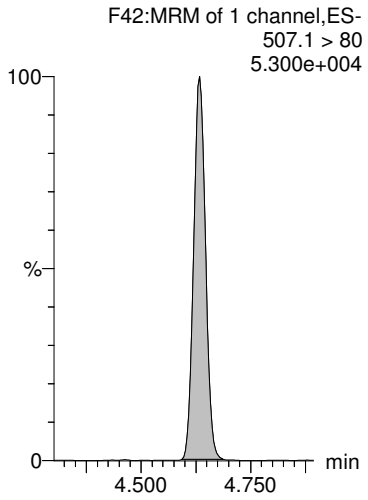

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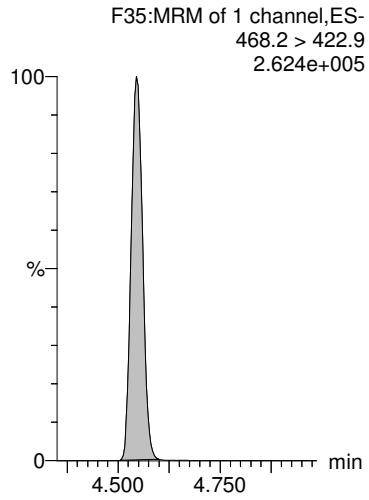


QRV 6/2/2020

Vista Analytical Laboratory L26

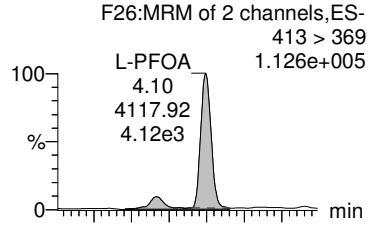
Review: AMR 6/3/2020

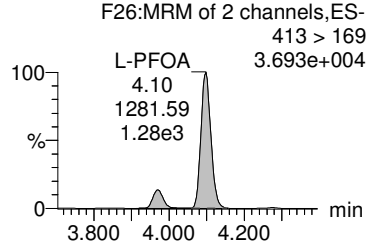
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

L-PFOA





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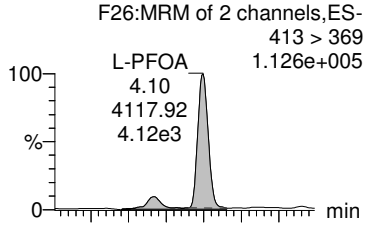
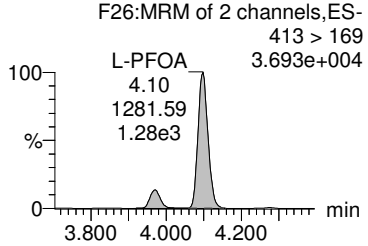
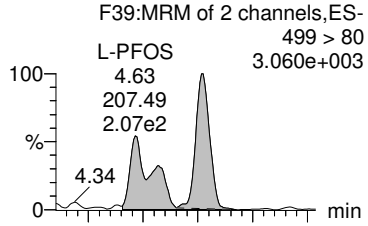
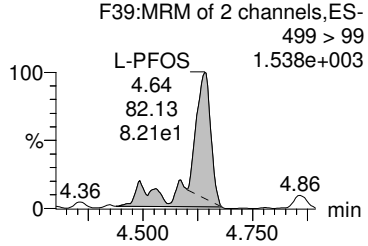




L-PFOS





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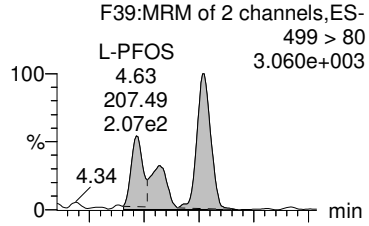

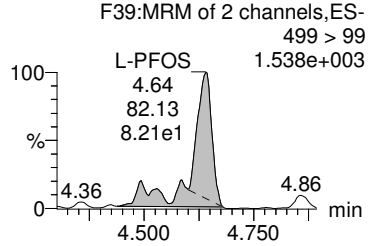

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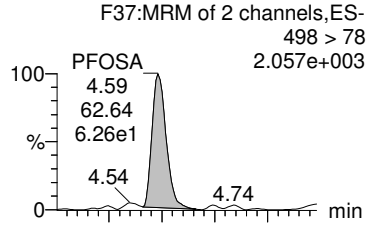

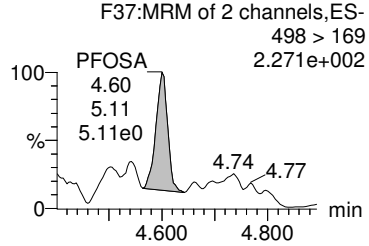

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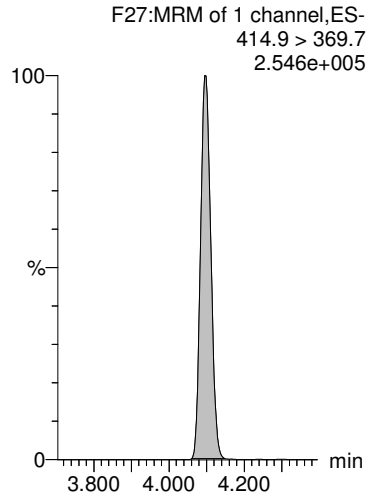

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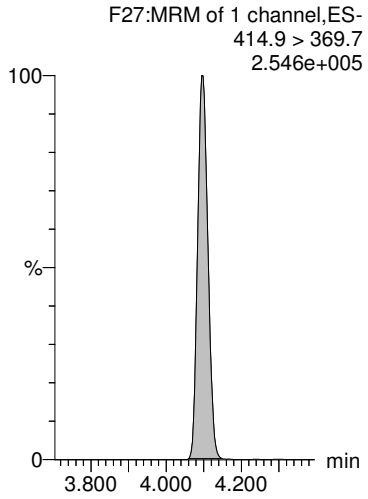

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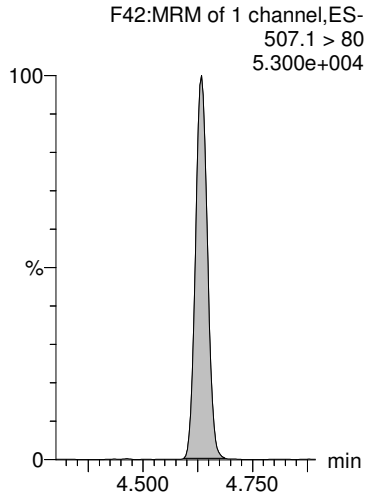

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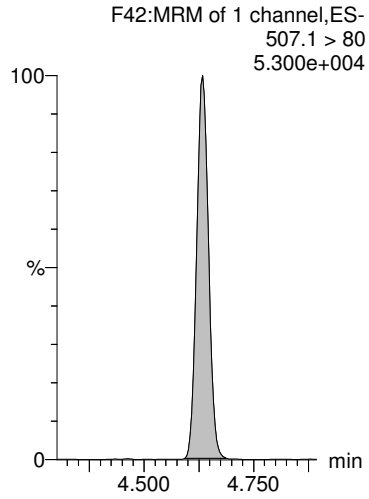

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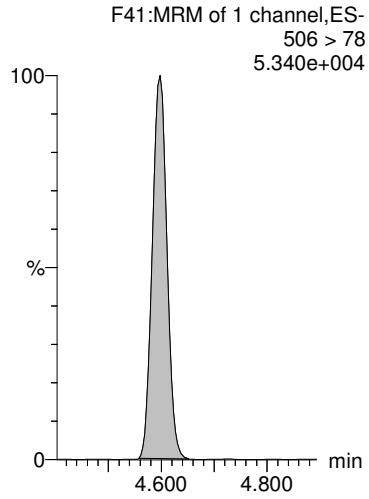

QRV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

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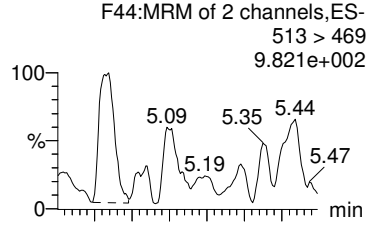

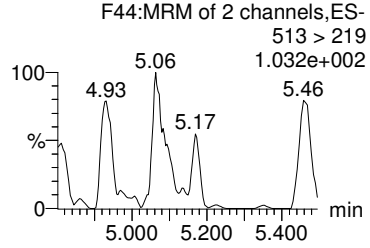

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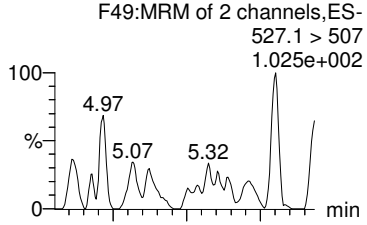
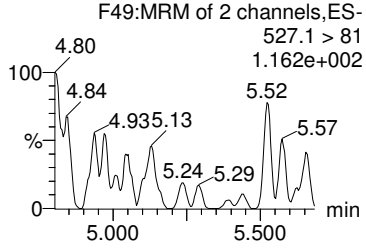
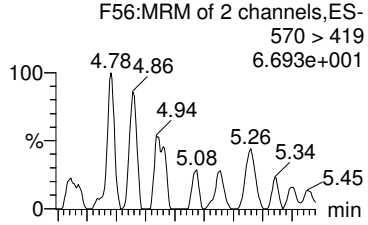
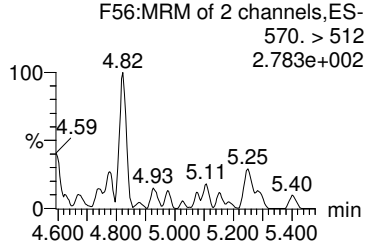




L-MeFOSAA





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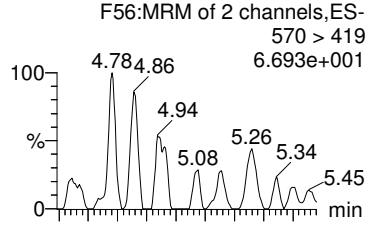
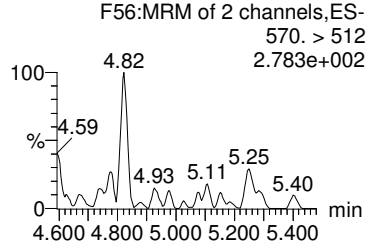
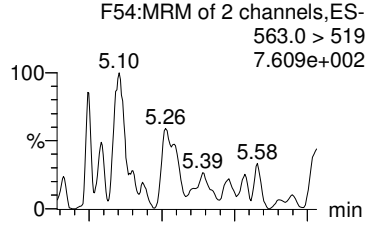
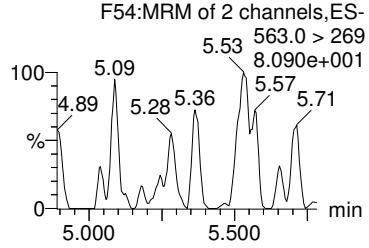




PFUdA





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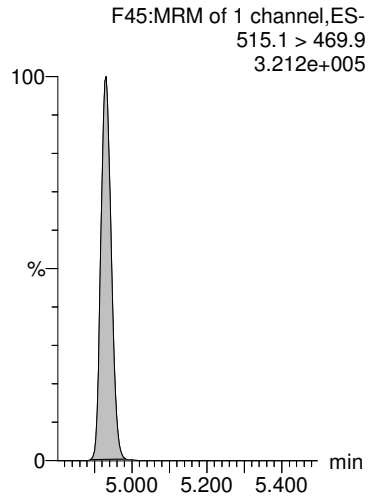
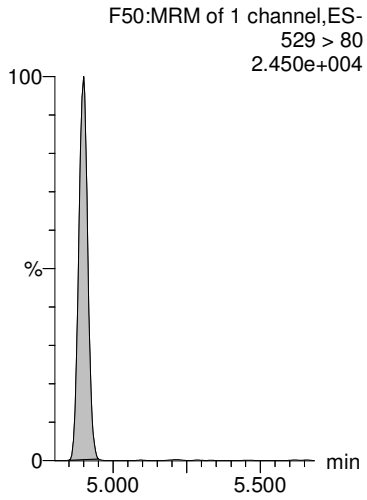
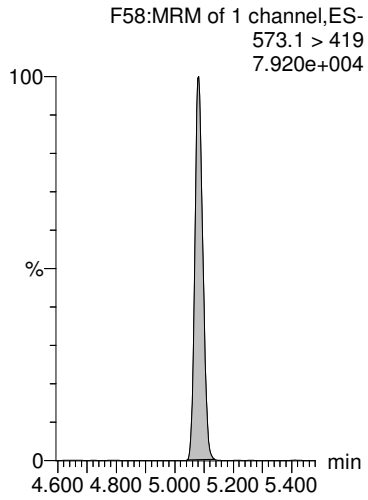


13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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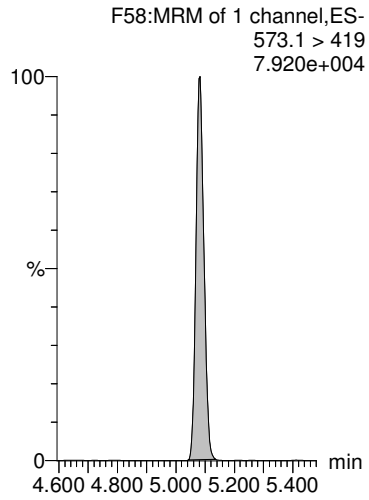

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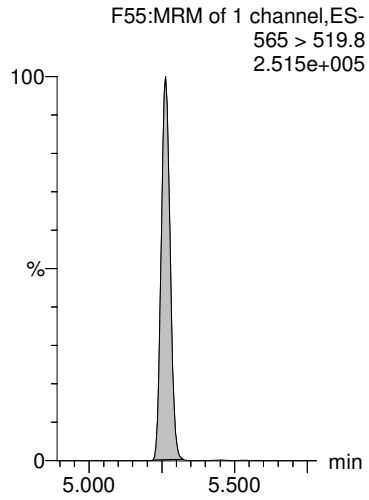


QPV 6/2/2020

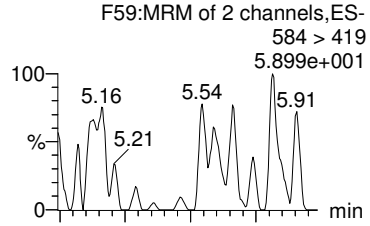
Review: AMR 6/3/2020

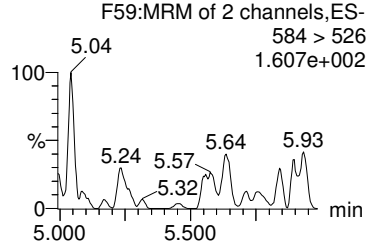
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

L-EtFOSAA





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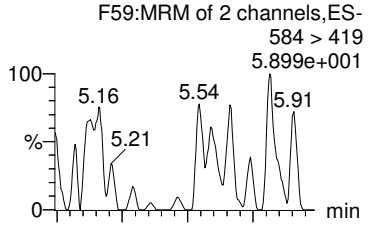

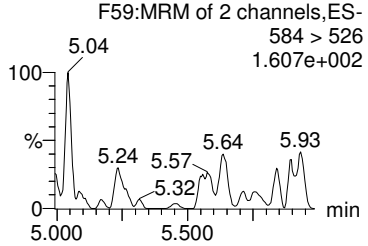

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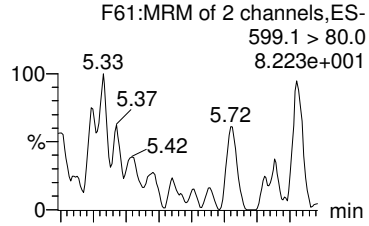

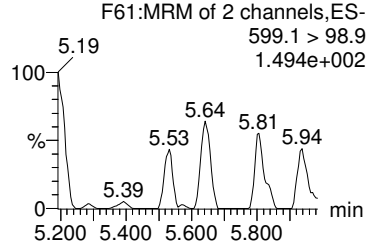

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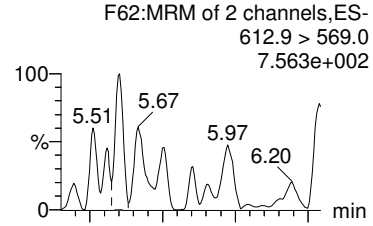

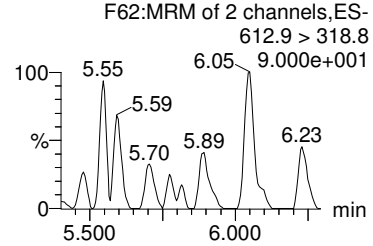

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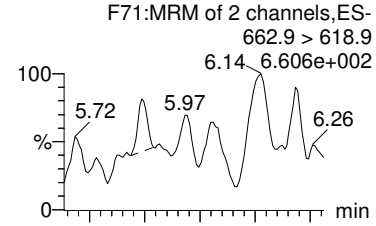

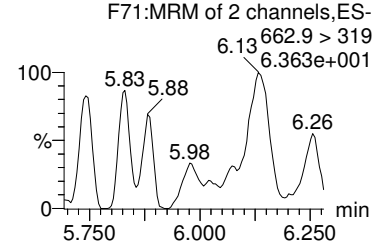

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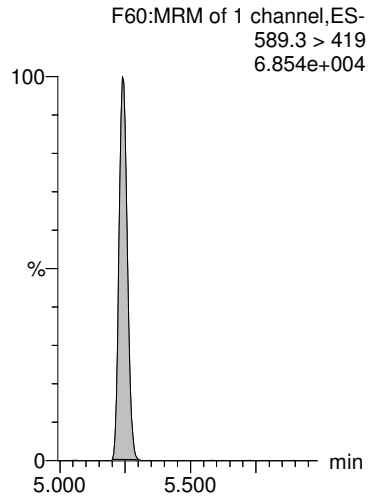
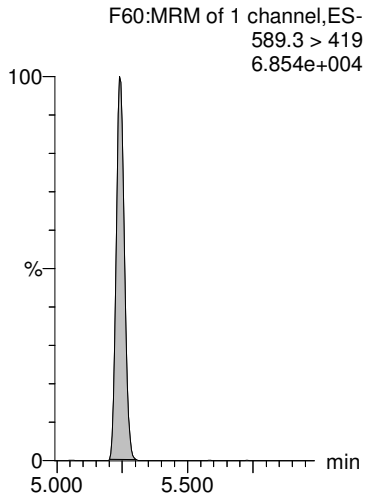
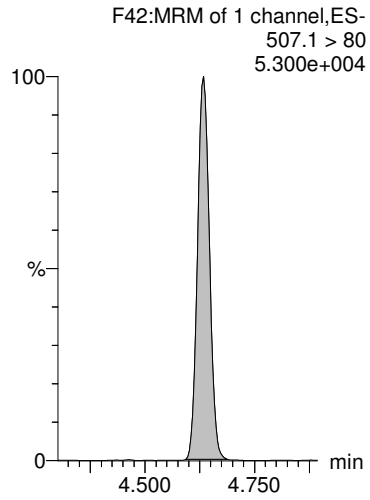


d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



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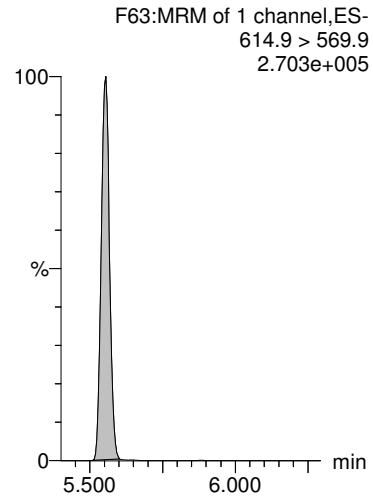

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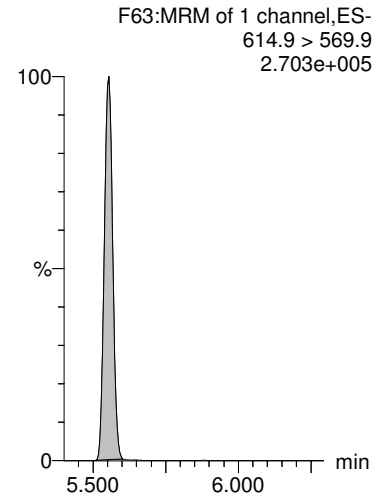


QPV 6/2/2020

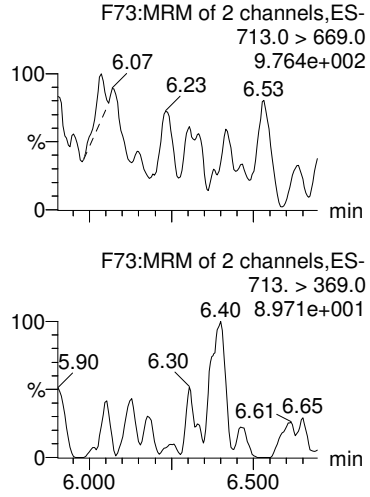
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

PFTeDA



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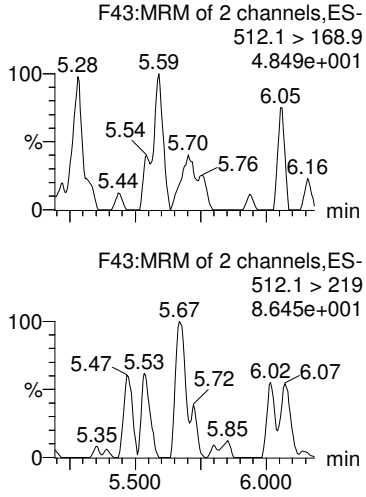

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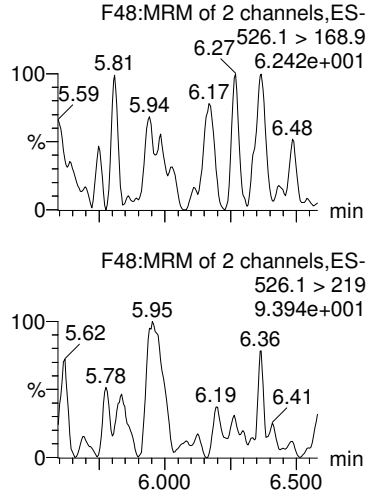
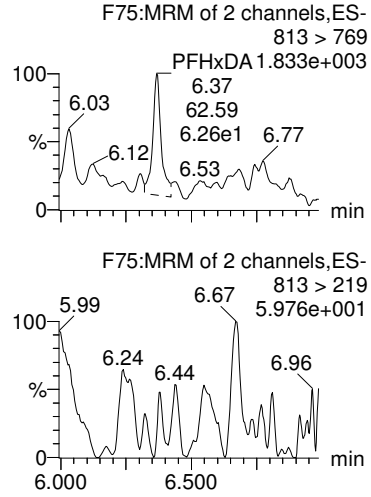
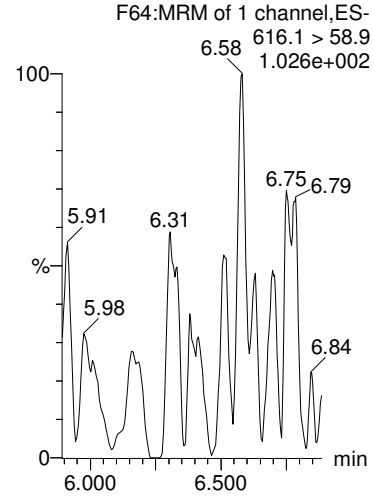


PFHxDA



N-MeFOSE



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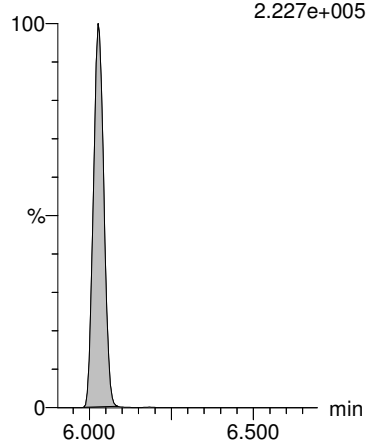

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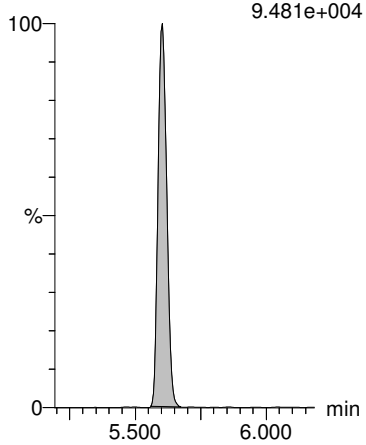

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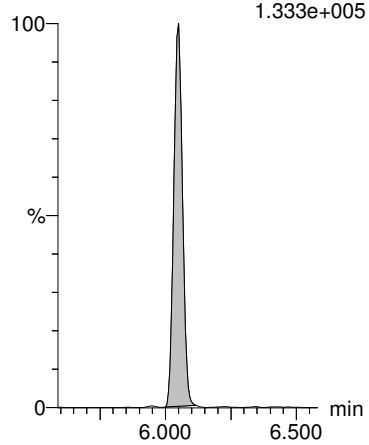

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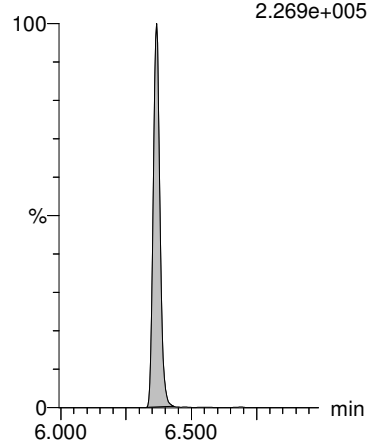

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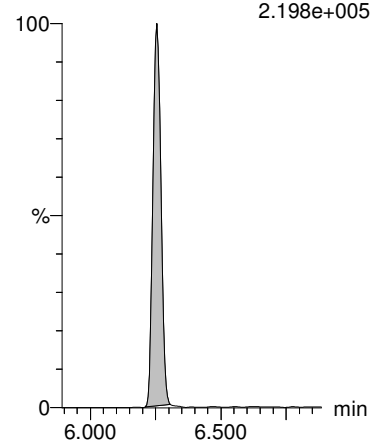


QRV 6/2/2020

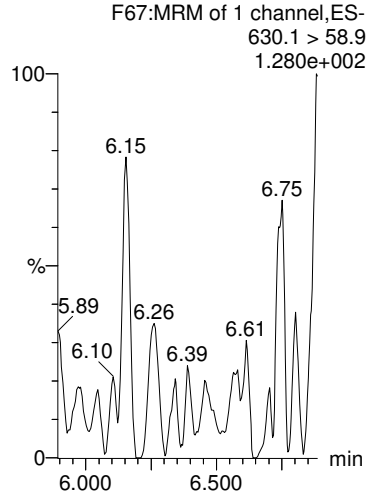
Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

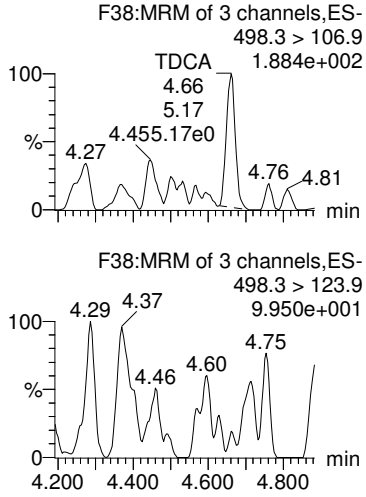
Last Altered: Tuesday, June 02, 2020 16:19:00 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 16:19:05 Pacific Daylight Time

Name: 200527P1-42, Date: 27-May-2020, Time: 19:20:57, ID: 2001078-13 GW-FPC-6A 0.1129, Description: GW-FPC-6A

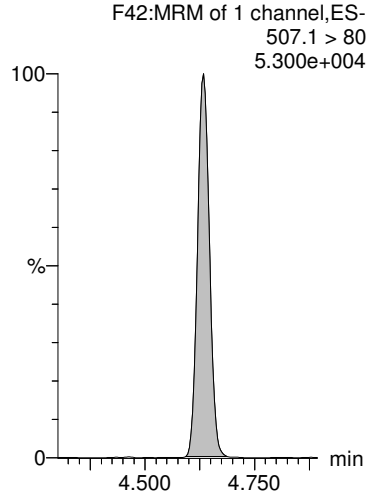
N-EtFOSE



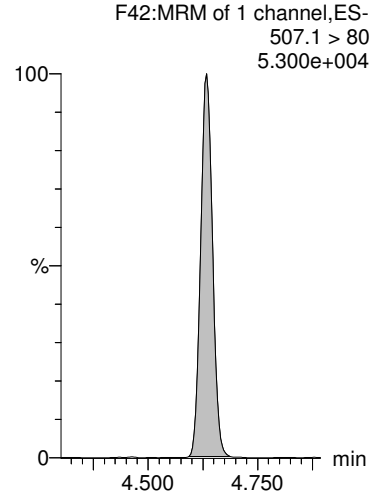
TDCA



13C8-PFOS-EIS



13C8-PFOS-EIS



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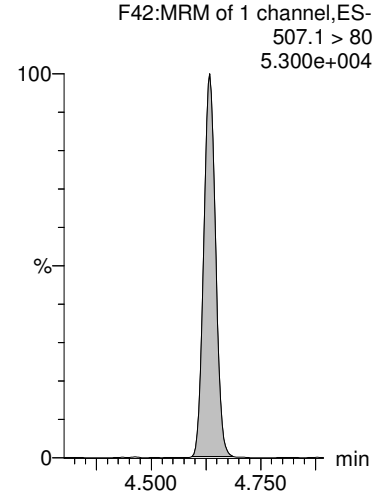
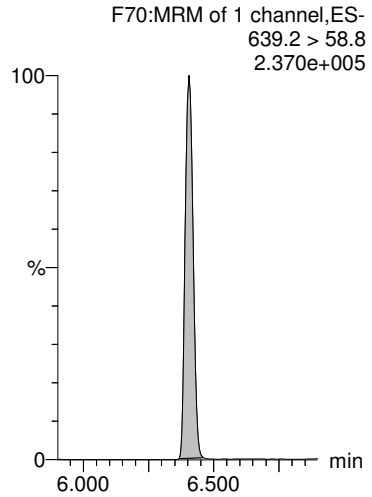
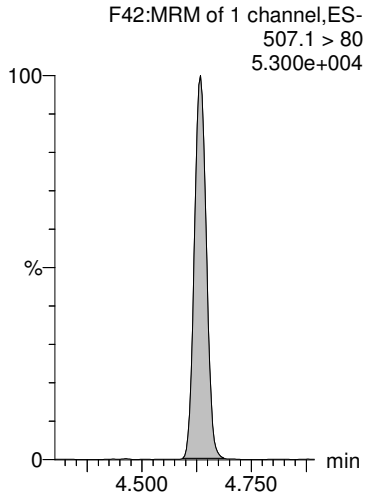


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	7.41e1	4.76e3	0.112		1.21	1.22	0.195	0.9639			
2	4	PFPeA	263.1 > 218.9	1.81e2	6.23e3	0.112		2.16	2.17	0.362	3.4738			
3	5	PFBS	299.0 > 80	1.65e1	8.79e2	0.112		2.45	2.44	0.234	0.7507		1.55	YES
4	7	PFHxA	313.0 > 269.0	4.34e2	8.17e3	0.112		2.98	2.98	0.664	5.4974		18.2	NO
5	11	PFHpA	363.0 > 319	5.12e2	7.33e3	0.112		3.59	3.59	0.872	6.0385		30.2	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.76e3		0.112	289.289	1.22	1.21	4760	146.6596	131.7		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.23e3		0.112	588.947	2.15	2.16	6230	94.1990	84.6		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.79e2		0.112	81.912	2.43	2.45	879	95.6167	85.9		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.17e3		0.112	849.096	3.15	2.98	8170	85.7179	77.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.33e3		0.112	724.419	3.58	3.59	7330	90.1407	81.0		
11	-1													
12	13	L-PFHxS	399 > 79.9	6.24e1	1.68e3	0.112		3.74	3.74	0.465	3.8443		12.1	NO
13	1...	Total PFHxS	399 > 79.9	6.24e1	1.68e3	0.112		3.93		0.465	3.8443			
14	15	6:2 FTS	427.0 > 407		9.77e2	0.112		4.05						YES
15	19	PFHpS	449.0 > 80		1.77e3	0.112		4.26						YES
16	21	PFNA	463.0 > 418.8	6.96e1	8.48e3	0.112		4.56	4.56	0.103	0.5003		33.1	NO
17	61	13C3-PFHxS-EIS	402 > 80	1.68e3		0.112	171.580	3.92	3.74	1680	87.1296	78.3		
18	61	13C3-PFHxS-EIS	402 > 80	1.68e3		0.112	171.580	3.92	3.74	1680	87.1296	78.3		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.77e2		0.112	92.769	4.50	4.05	977	93.7729	84.2		
20	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.48e3		0.112	827.265	4.74	4.56	8480	91.3457	82.1		
22	-1													
23	16	L-PFOA	413 > 369	1.76e3	8.40e3	0.112		4.10	4.10	2.62	20.8391		3.43	NO
24	1...	Total PFOA	413 > 369	1.76e3	8.40e3	0.112		4.60		2.62	20.8391			
25	23	L-PFOS	499 > 80	4.92e1	1.77e3	0.112		4.64	4.64	0.349	2.6697		2.26	NO
26	1...	Total PFOS	499> 80	4.92e1	1.77e3	0.112		4.60		0.349	2.6697			
27	22	PFOSA	498 > 78	7.28e1	1.68e3	0.112		4.61	4.60	0.541	6.9887		31.1	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.40e3		0.112	808.136	4.09	4.10	8400	92.5409	83.1		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.40e3		0.112	808.136	4.09	4.10	8400	92.5409	83.1		
30	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		
31	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		
32	67	13C8-PFOSA-EIS	506 > 78	1.68e3		0.112	257.965	4.59	4.61	1680	58.0485	52.1		
33	-1													
34	26	PFDA	513 > 469		1.04e4	0.112		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.99e2	0.112		4.91						YES
36	29	L-MeFOSAA	570 > 419		2.54e3	0.112		5.09						YES

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Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.54e3	0.112		5.19		0.000				
38	33	PFUdA	563.0 > 519		9.05e3	0.112		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.04e4		0.112	1081.744	4.93	4.93	10400	85.3055	76.6		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.99e2		0.112	90.113	4.90	4.91	899	88.8437	79.8		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.54e3		0.112	255.309	5.07	5.09	2540	88.5645	79.6		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.54e3		0.112	255.309	5.07	5.09	2540	88.5645	79.6		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.05e3		0.112	985.591	5.01	5.26	9050	81.8050	73.5		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.46e3	0.112		5.25						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.46e3	0.112		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.77e3	0.112		5.26						YES
48	37	PFDoA	612.9 > 569.0		1.00e4	0.112		5.55						YES
49	39	PFTrDA	662.9 > 618.9		1.00e4	0.112		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.46e3		0.112	255.567	5.23	5.25	2460	85.8802	77.1		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.46e3		0.112	255.567	5.23	5.25	2460	85.8802	77.1		
52	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.00e4		0.112	1022.097	5.54	5.55	10000	87.5072	78.6		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	1.00e4		0.112	1022.097	5.54	5.55	10000	87.5072	78.6		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.75e3	0.112		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		3.52e3	0.112		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		5.04e3	0.112		6.02						YES
59	43	PFHxDA	813 > 769		7.32e3	0.112		6.36						YES
60	45	N-MeFOSE	616.1 > 58.9		7.72e3	0.112		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.75e3		0.112	1007.986	6.01	6.02	8750	77.3420	69.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.52e3		0.112	87.979	5.45	5.60	3520	356.3661	26.8		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.04e3		0.112	120.051	6.40	6.04	5040	374.0240	28.1		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.32e3		0.112	1310.023	6.36	6.36	7320	49.7379	44.7		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	7.72e3		0.112	100.447	6.25	6.25	7720	684.1715	51.5		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		8.08e3	0.112		6.40						
68	1...	TDCA	498.3>106.9			0.112		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		
70	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		
71	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8.08e3		0.112	108.100	6.40	6.40	8080	666.1057	50.1		

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.77e3		0.112	167.288	4.76	4.64	1770	94.0331	84.5		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

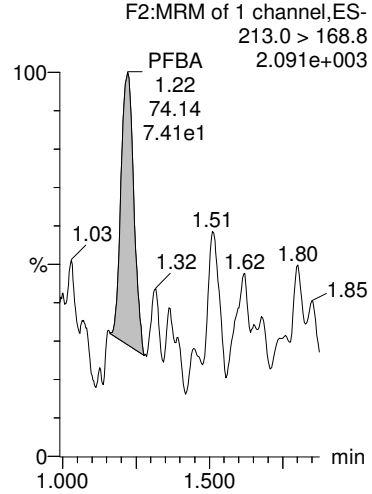
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

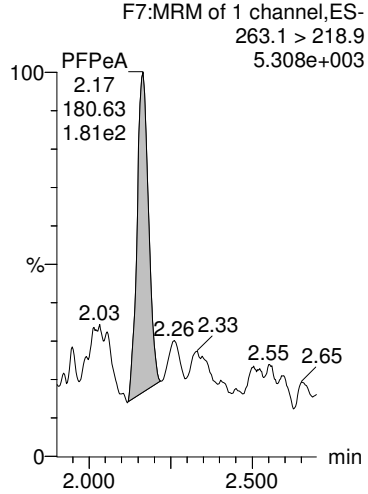
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

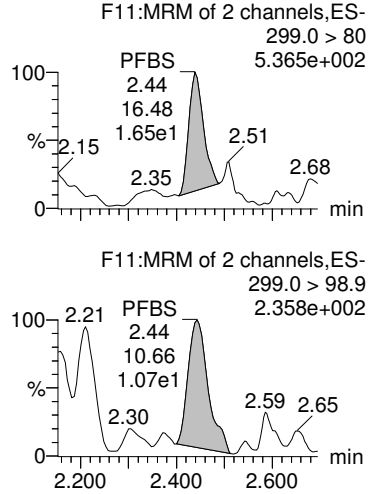
PFBA



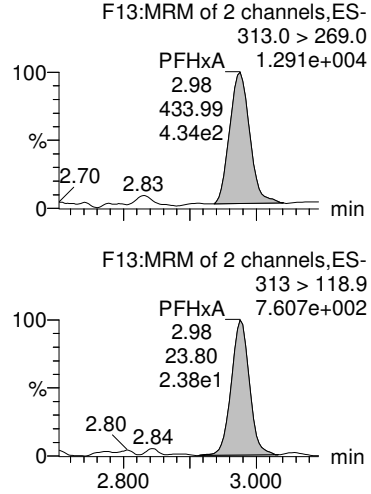
PFPeA



PFBS



PFHxA



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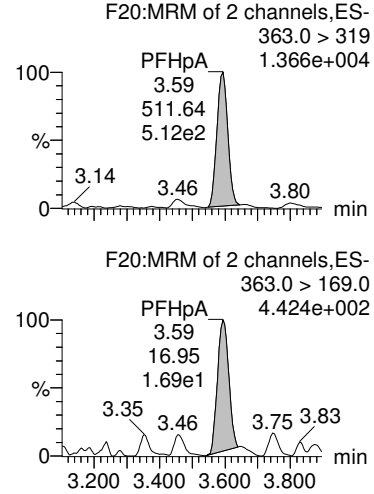
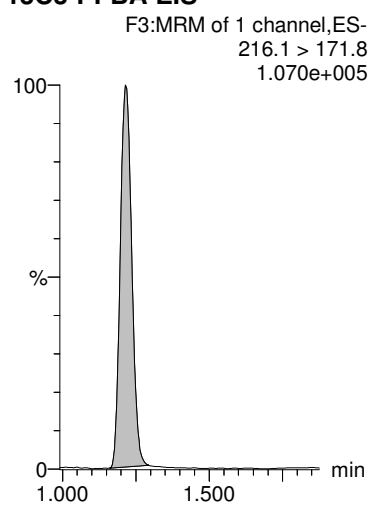


13C3-PFBA-EIS



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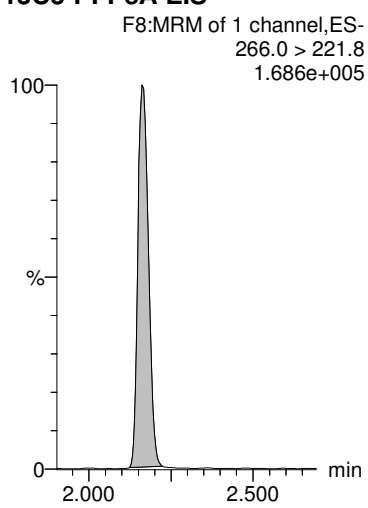

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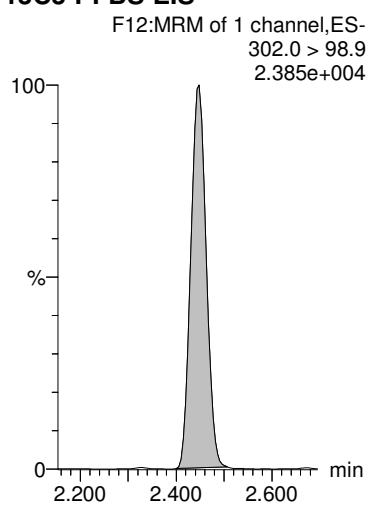

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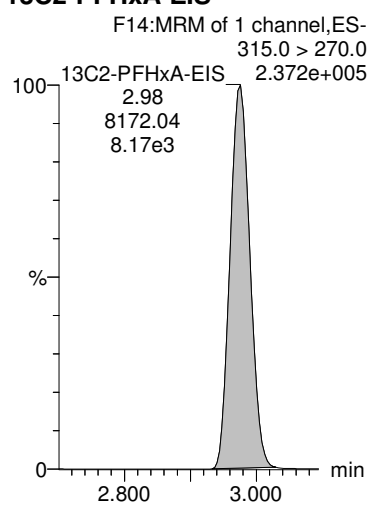
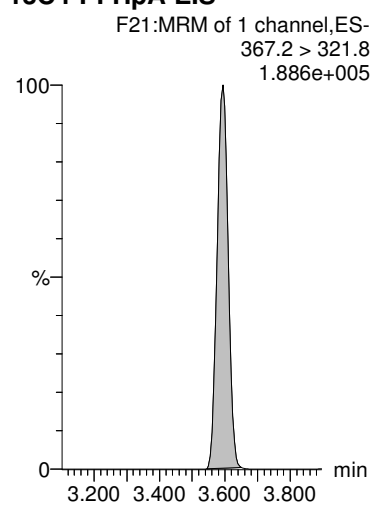


13C4-PFHpA-EIS



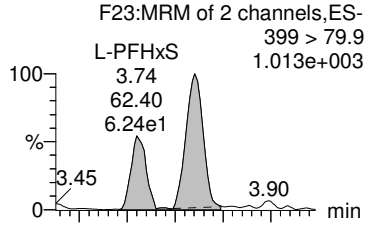
QRV 6/2/2020

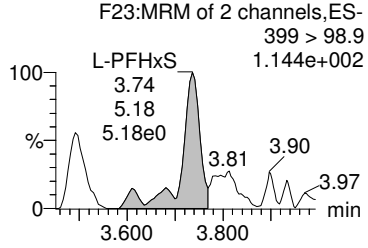
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

L-PFHxS





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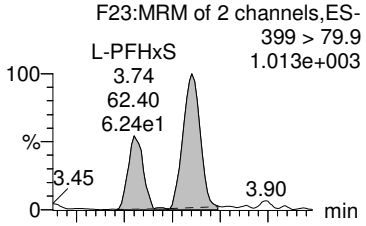
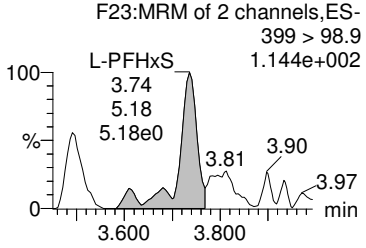
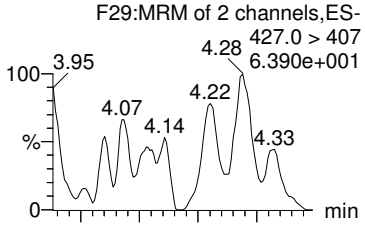
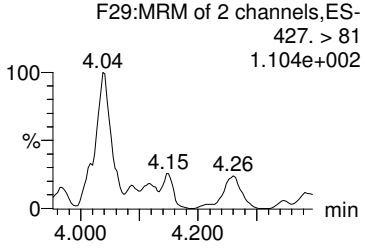




6:2 FTS





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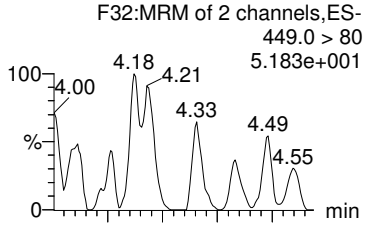

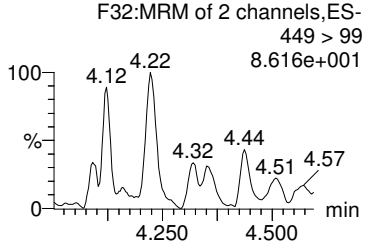

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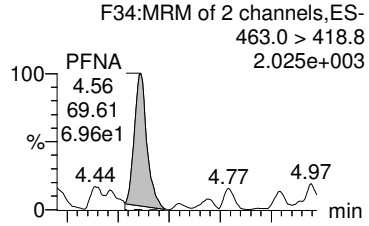

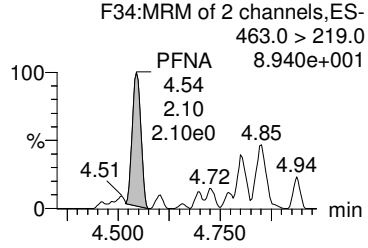

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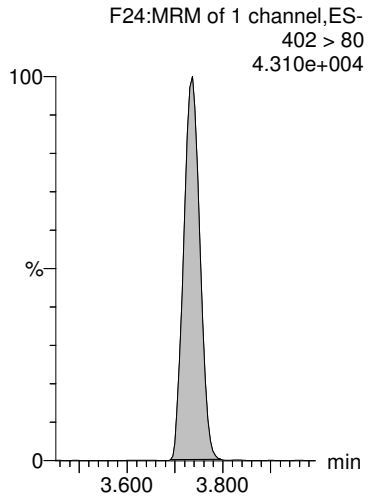

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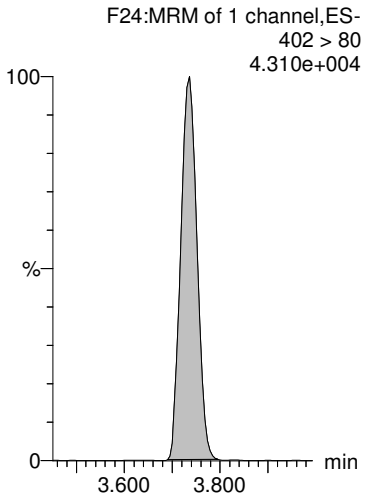

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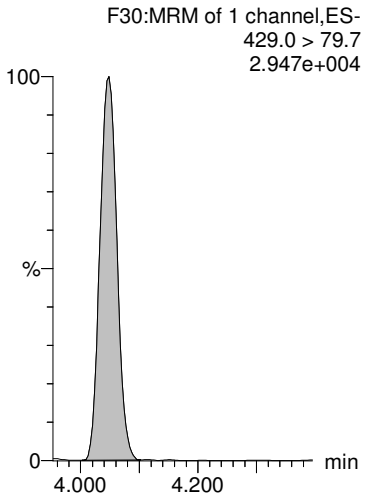
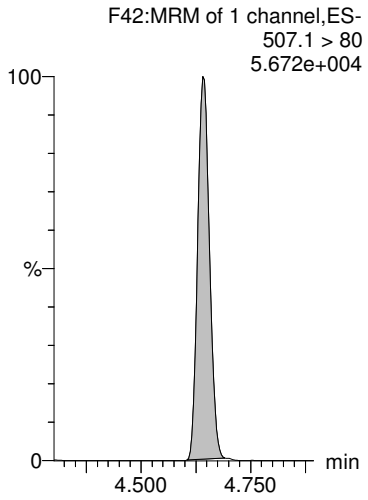
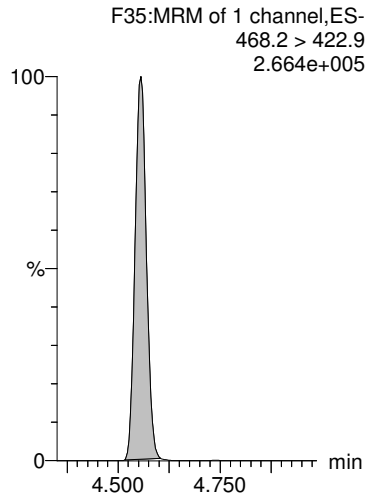


13C8-PFOS-EIS



13C5-PFNA-EIS



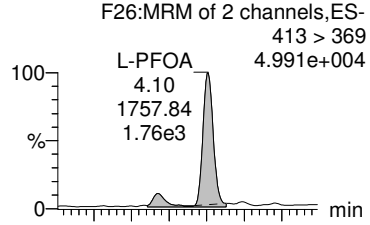
Review: AMR 6/2/2020

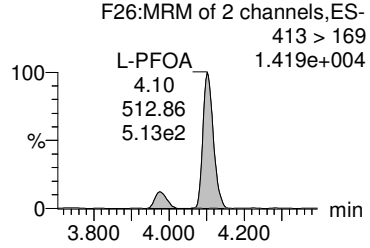
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

L-PFOA





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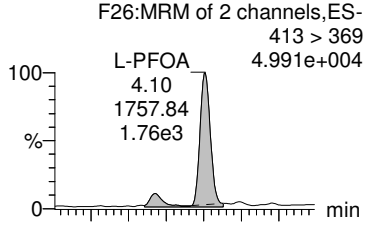
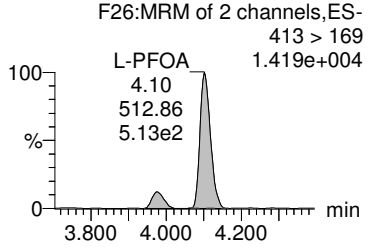
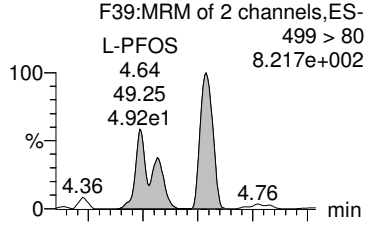
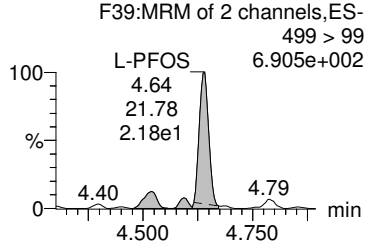




L-PFOS





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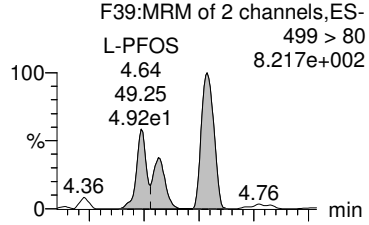
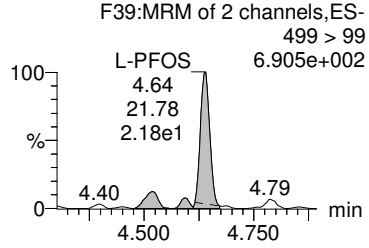
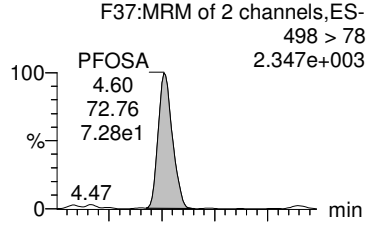
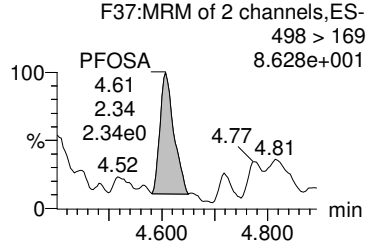




PFOSA





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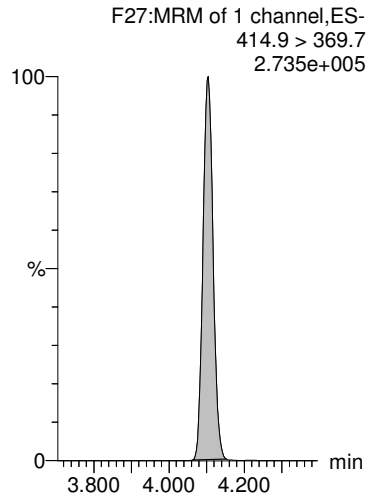

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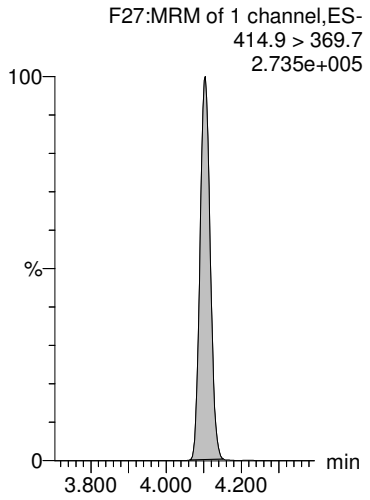

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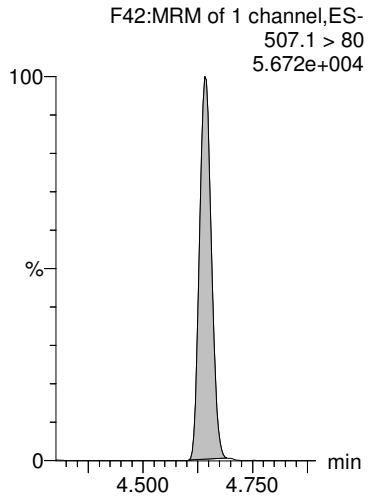

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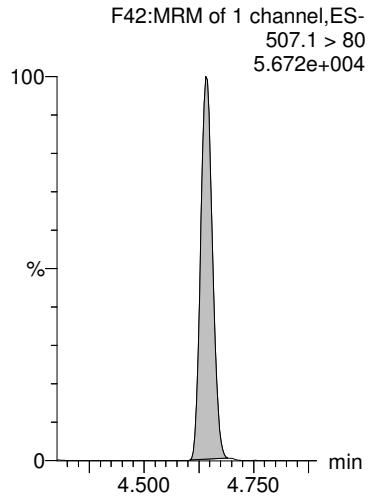

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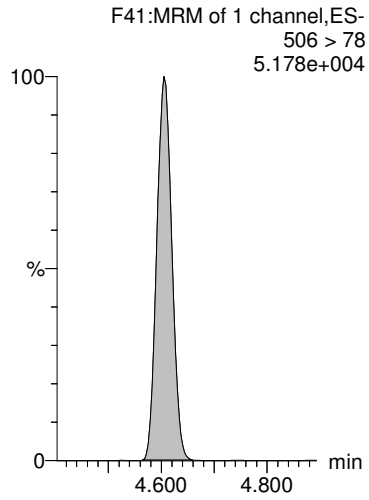

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
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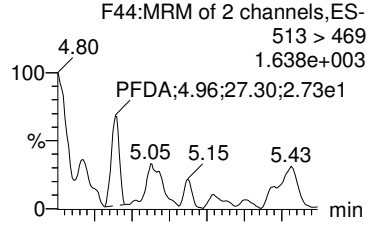
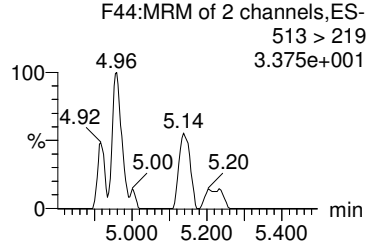
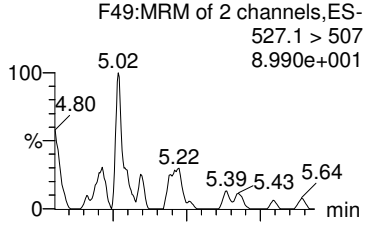
Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

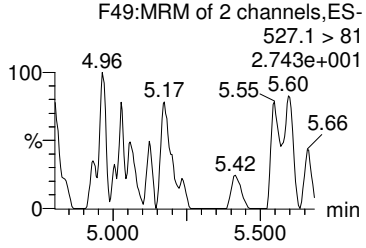
PFDA



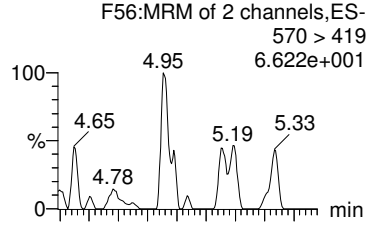


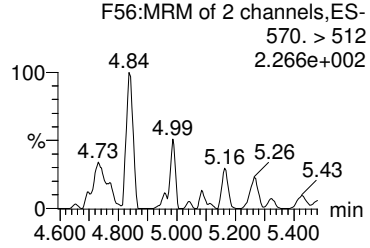
8:2 FTS





L-MeFOSAA





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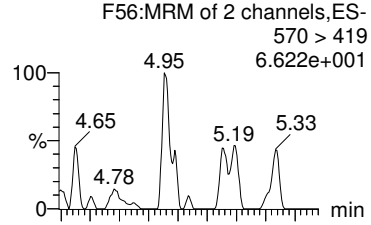
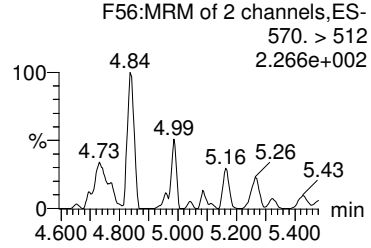
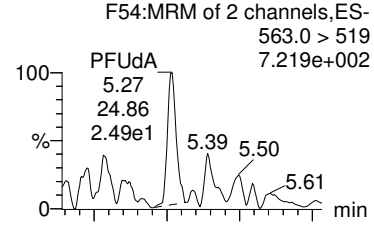
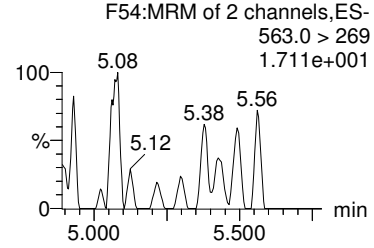


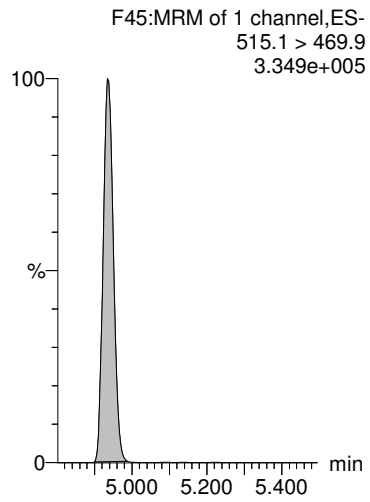


PFUdA

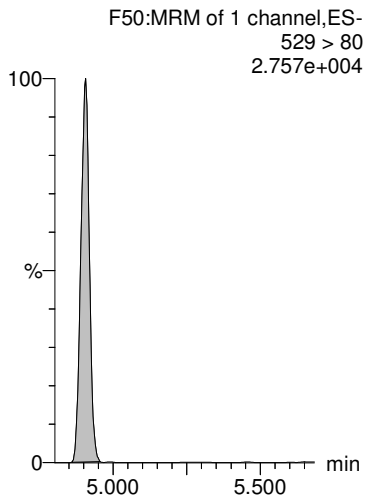




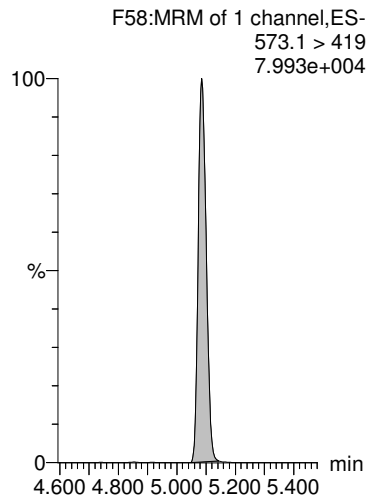
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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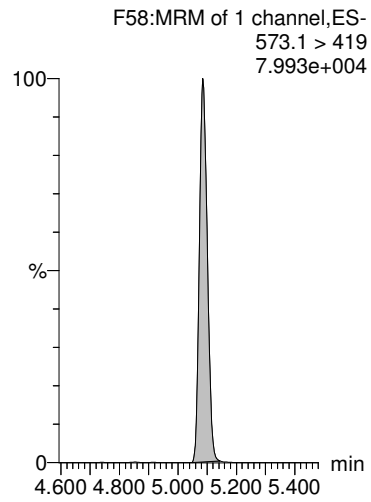
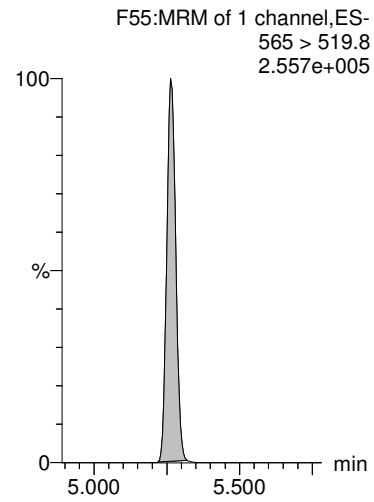


13C2-PFUdA-EIS



QPV 6/2/2020

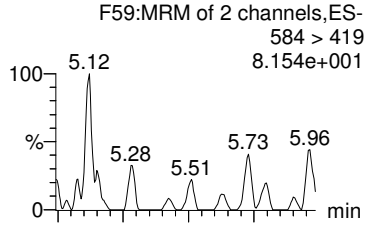
Review: AMR 6/2/2020

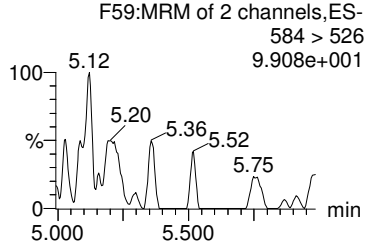
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

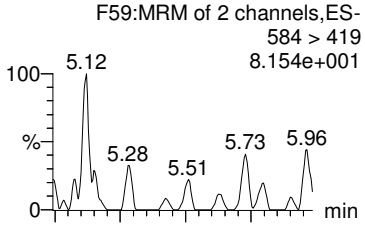
Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

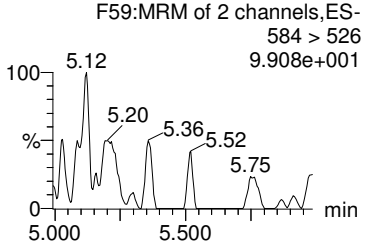
L-EtFOSAA



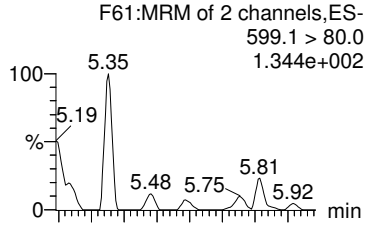


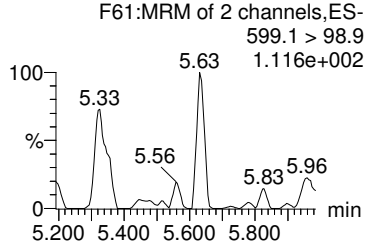
Total N-EtFOSAA



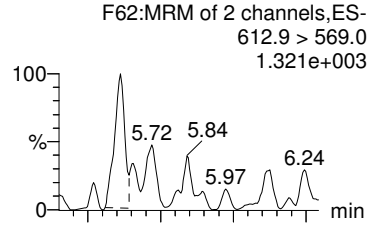


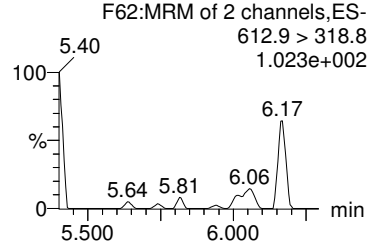
PFDS



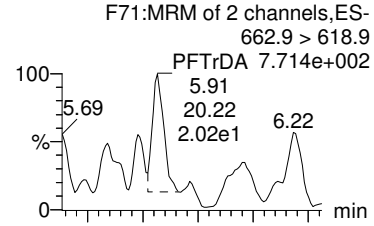


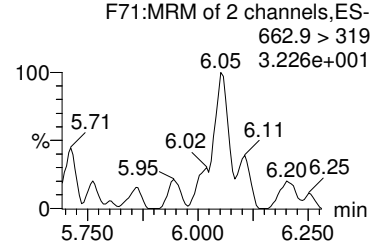
PFDoA



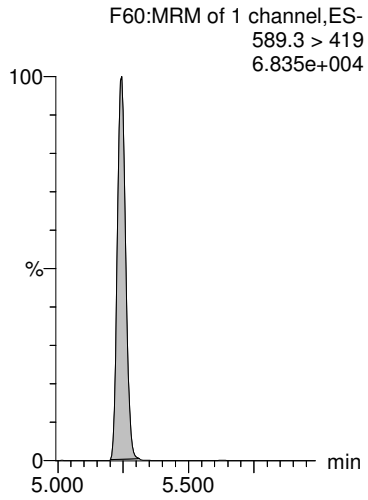


PFTrDA





d5-N-EtFOSAA-EIS



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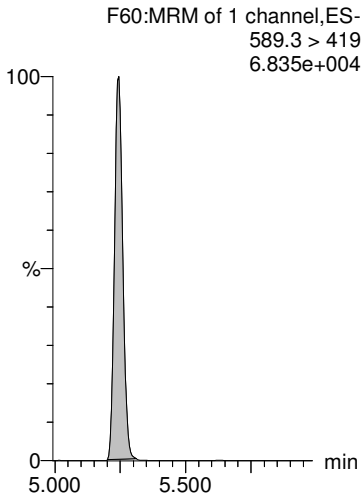
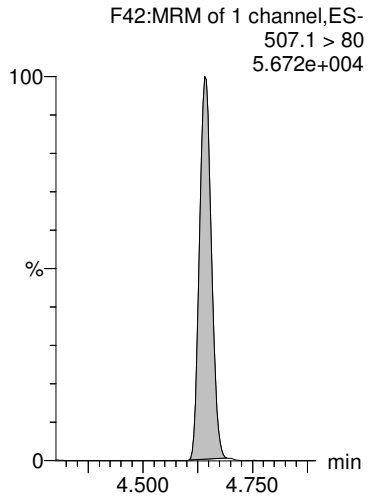
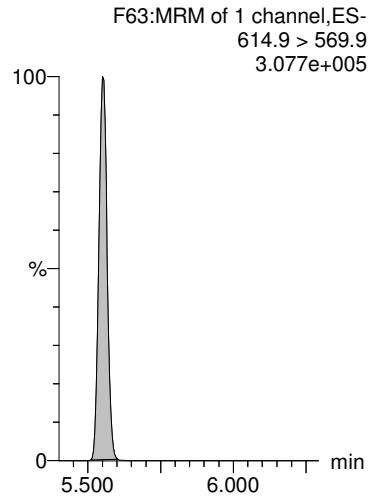


13C8-PFOS-EIS



13C2-PFDoA-EIS



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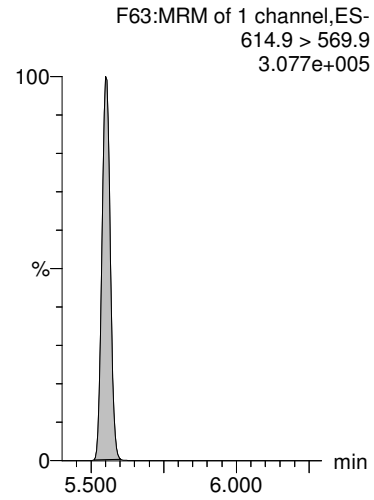


QPV 6/2/2020

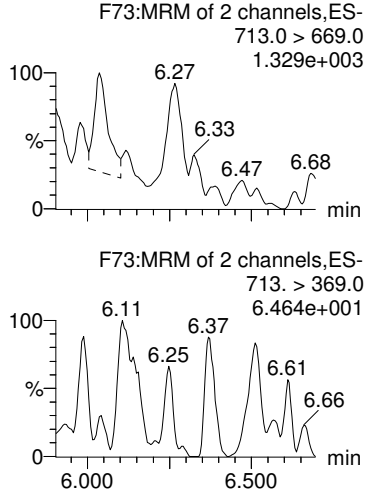
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

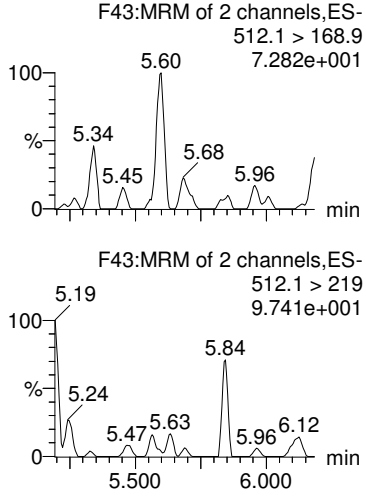
Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

PFTeDA



N-MeFOSA



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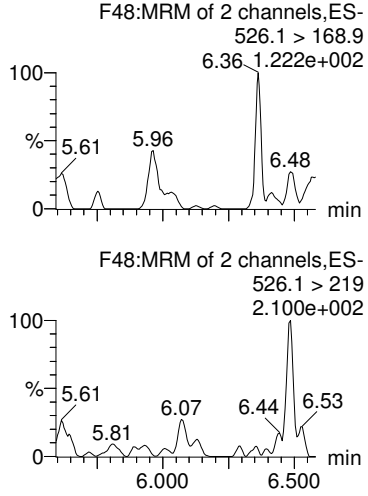
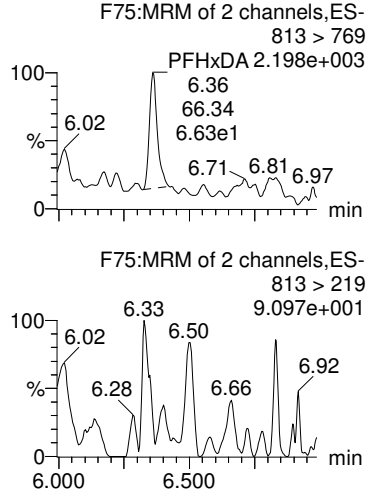
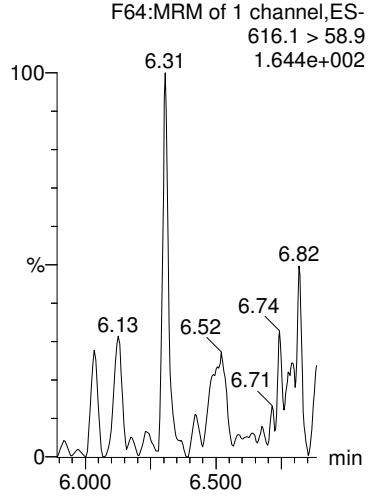


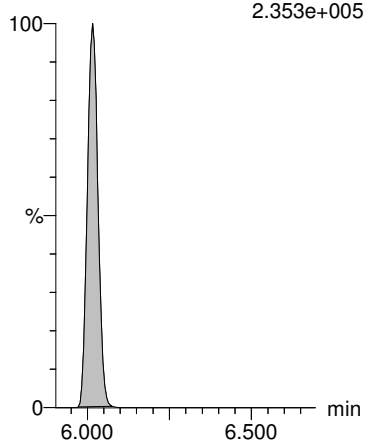
PFHxDA



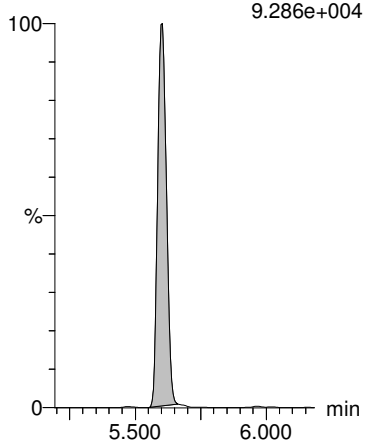
N-MeFOSE



13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



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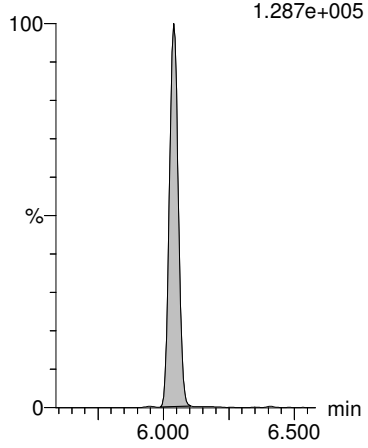

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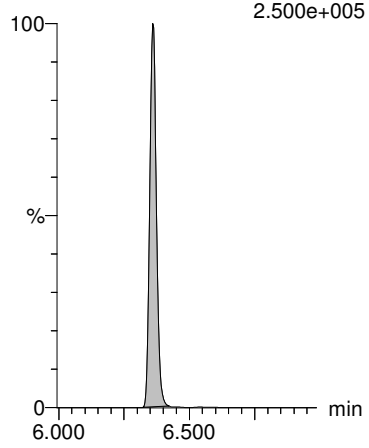

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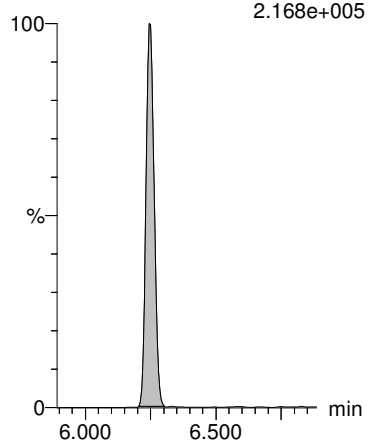


QPV 6/2/2020

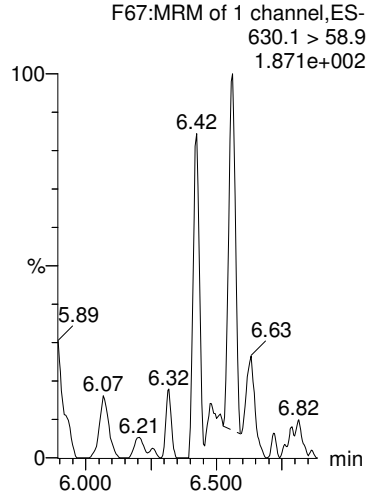
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

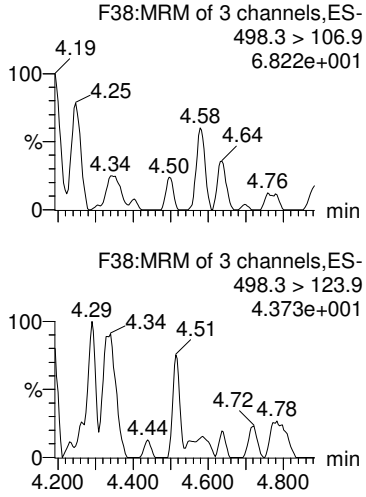
Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:39:55 Pacific Daylight Time

Name: 200527P1-43, Date: 27-May-2020, Time: 19:31:26, ID: 2001078-14 GW-FPC-6B 0.11228, Description: GW-FPC-6B

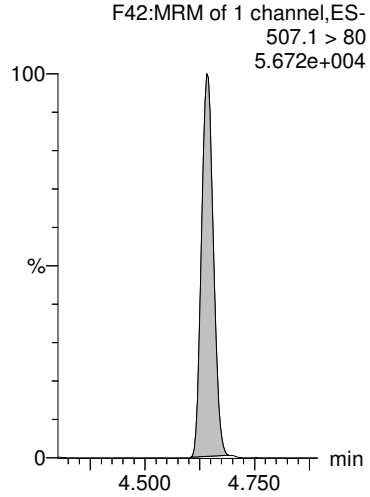
N-EtFOSE



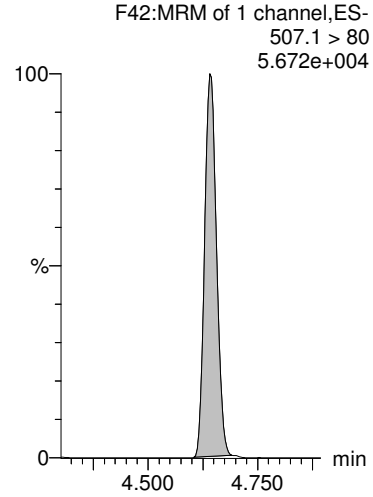
TDCA



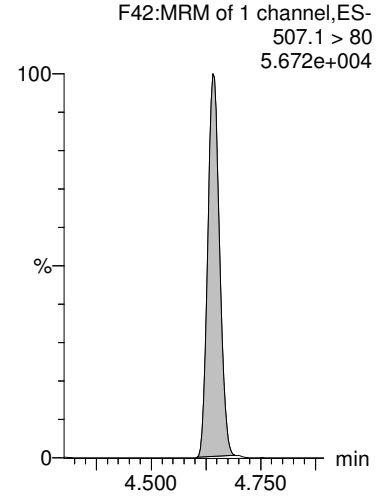
13C8-PFOS-EIS



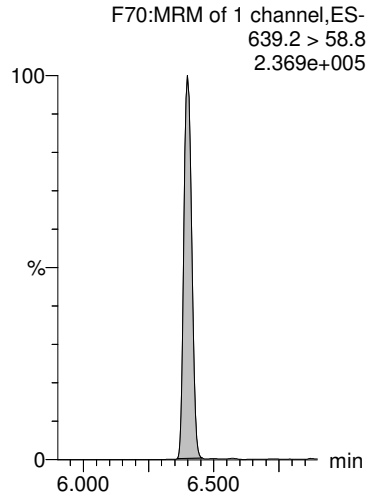
13C8-PFOS-EIS



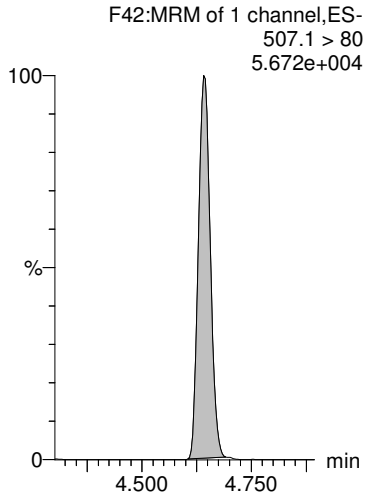
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
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Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1.08e2	4.46e3	0.113		1.22	1.21	0.303	1.9346			
2	4	PFPeA	263.1 > 218.9	2.91e2	6.06e3	0.113		2.17	2.17	0.599	5.8827			
3	5	PFBS	299.0 > 80	3.11e1	8.09e2	0.113		2.44	2.45	0.481	1.6671		3.03	NO
4	7	PFHxA	313.0 > 269.0	6.27e2	7.64e3	0.113		2.98	2.98	1.02	8.8261		19.9	NO
5	11	PFHpA	363.0 > 319		6.84e3	0.113		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.46e3		0.113	289.289	1.22	1.22	4460	136.7756	123.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.06e3		0.113	588.947	2.15	2.17	6060	91.2939	82.3		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.09e2		0.113	81.912	2.43	2.44	809	87.5899	79.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.64e3		0.113	849.096	3.15	2.98	7640	79.8527	72.0		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.84e3		0.113	724.419	3.58	3.59	6840	83.7407	75.5		
11	-1													
12	13	L-PFHxS	399 > 79.9	4.56e1	1.63e3	0.113		3.74	3.74	0.350	2.8732		3.88	NO
13	1...	Total PFHxS	399 > 79.9	4.56e1	1.63e3	0.113		3.93		0.350	2.8732			
14	15	6:2 FTS	427.0 > 407		9.86e2	0.113		4.04						YES
15	19	PFHpS	449.0 > 80		1.70e3	0.113		4.25						YES
16	21	PFNA	463.0 > 418.8		8.75e3	0.113		4.54						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.63e3		0.113	171.580	3.92	3.74	1630	84.1591	75.9		
18	61	13C3-PFHxS-EIS	402 > 80	1.63e3		0.113	171.580	3.92	3.74	1630	84.1591	75.9		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.86e2		0.113	92.769	4.50	4.04	986	94.2903	85.0		
20	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.75e3		0.113	827.265	4.74	4.54	8750	93.7961	84.6		
22	-1													
23	16	L-PFOA	413 > 369	1.48e3	8.07e3	0.113		4.10	4.10	2.29	18.1250		3.93	NO
24	1...	Total PFOA	413 > 369	1.48e3	8.07e3	0.113		4.60		2.29	18.1250			
25	23	L-PFOS	499 > 80	4.49e1	1.70e3	0.113		4.63	4.63	0.331	2.5294		3.34	NO
26	1...	Total PFOS	499> 80	4.49e1	1.70e3	0.113		4.60		0.331	2.5294			
27	22	PFOSA	498 > 78	1.56e2	1.51e3	0.113		4.59	4.60	1.29	17.6987		20.2	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.07e3		0.113	808.136	4.09	4.10	8070	88.5450	79.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.07e3		0.113	808.136	4.09	4.10	8070	88.5450	79.9		
30	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		
31	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		
32	67	13C8-PFOSA-EIS	506 > 78	1.51e3		0.113	257.965	4.59	4.59	1510	51.9045	46.8		
33	-1													
34	26	PFDA	513 > 469		9.95e3	0.113		4.93						YES
35	27	8:2 FTS	527.1 > 507		7.93e2	0.113		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.51e3	0.113		5.08						YES

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

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Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.51e3	0.113		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.86e3	0.113		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.95e3		0.113	1081.744	4.93	4.93	9950	81.5506	73.6		
40	75	13C2-8:2 FTS-EIS	529 > 80	7.93e2		0.113	90.113	4.90	4.90	793	78.0190	70.4		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.51e3		0.113	255.309	5.07	5.08	2510	87.1811	78.6		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.51e3		0.113	255.309	5.07	5.08	2510	87.1811	78.6		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.86e3		0.113	985.591	5.01	5.26	8860	79.7438	71.9		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.28e3	0.113		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.28e3	0.113		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.70e3	0.113		5.25						YES
48	37	PFDoA	612.9 > 569.0		9.49e3	0.113		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.49e3	0.113		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.28e3		0.113	255.567	5.23	5.24	2280	79.1960	71.4		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.28e3		0.113	255.567	5.23	5.24	2280	79.1960	71.4		
52	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.49e3		0.113	1022.097	5.54	5.55	9490	82.3869	74.3		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.49e3		0.113	1022.097	5.54	5.55	9490	82.3869	74.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.46e3	0.113		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		2.74e3	0.113		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		3.88e3	0.113		6.03						YES
59	43	PFHxDA	813 > 769		8.92e3	0.113		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		6.60e3	0.113		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.46e3		0.113	1007.986	6.01	6.03	8460	74.4233	67.1		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.74e3		0.113	87.979	5.45	5.60	2740	276.6740	20.9		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.88e3		0.113	120.051	6.40	6.05	3880	286.7455	21.7		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.92e3		0.113	1310.023	6.36	6.37	8920	60.3980	54.5		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.60e3		0.113	100.447	6.25	6.26	6600	582.8142	44.0		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.71e3	0.113		6.40						
68	1...	TDCA	498.3>106.9			0.113		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		
70	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		
71	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.71e3		0.113	108.100	6.40	6.40	7710	632.9580	47.8		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:40:55 Pacific Daylight Time

Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.70e3		0.113	167.288	4.76	4.63	1700	90.1023	81.3		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

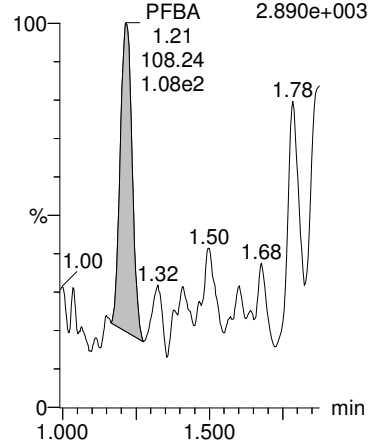
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:40:55 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

PFBA



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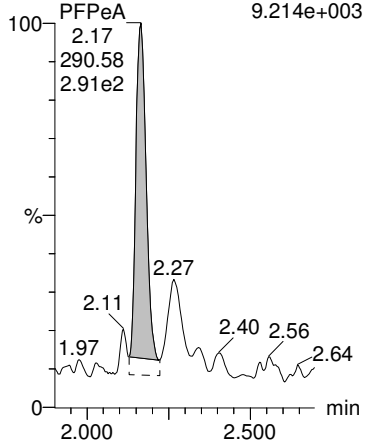

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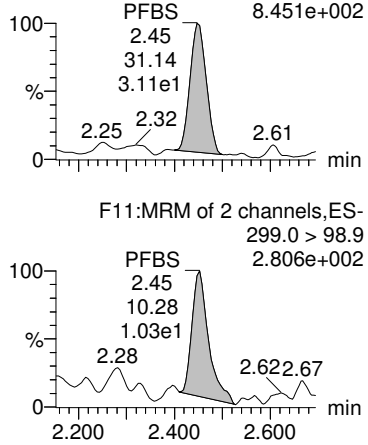

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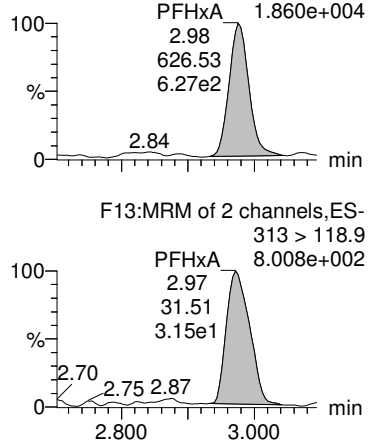

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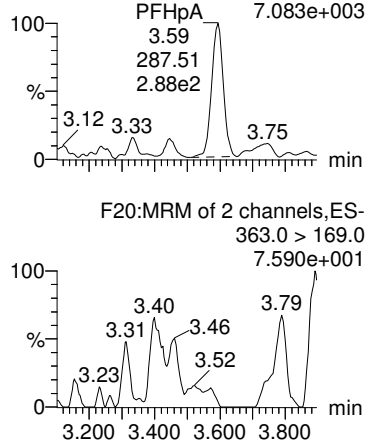

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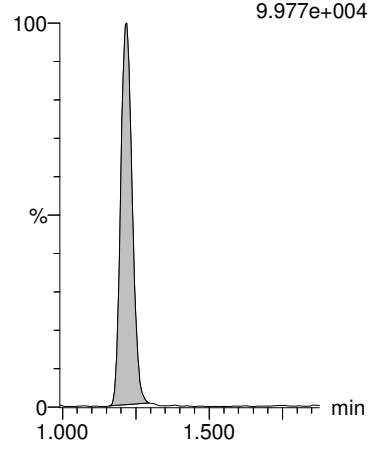

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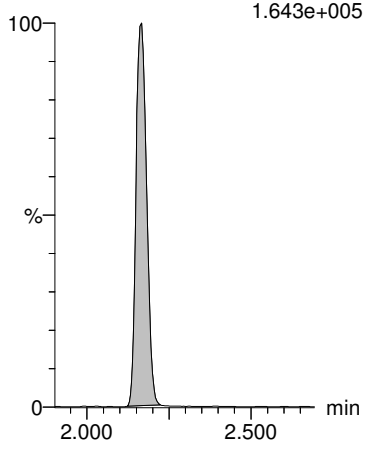

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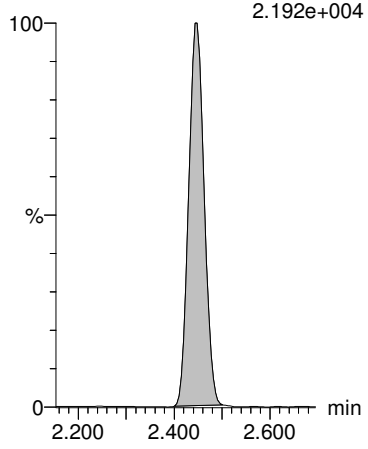

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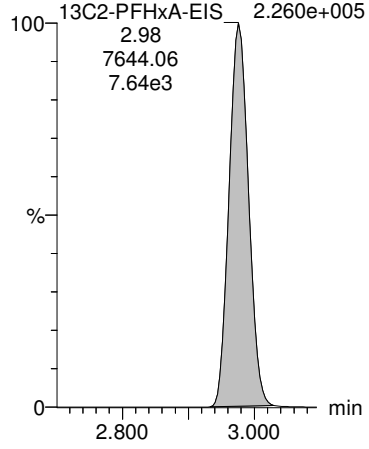
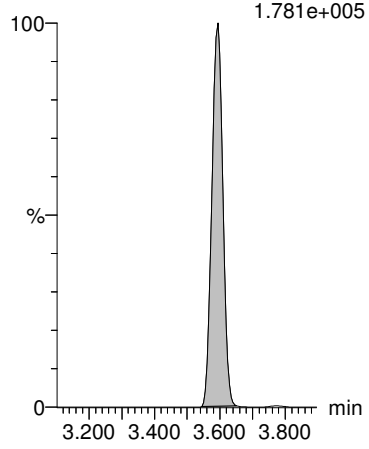


13C4-PFHpA-EIS



QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
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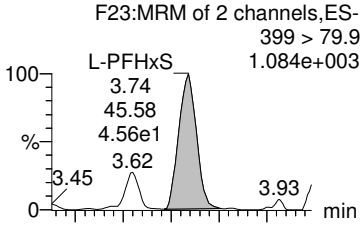
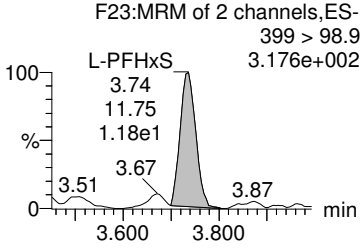
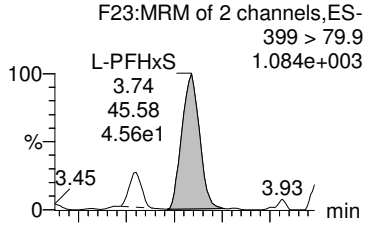
Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

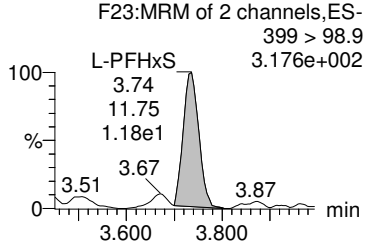
L-PFHxS



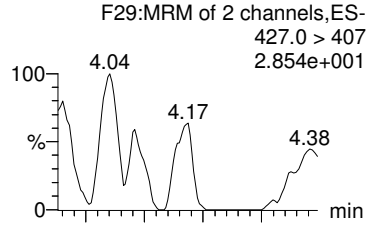


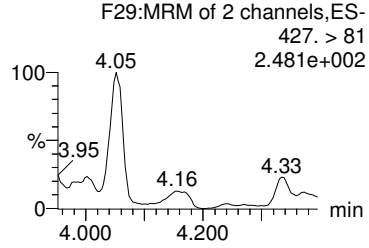
Total PFHxS





6:2 FTS





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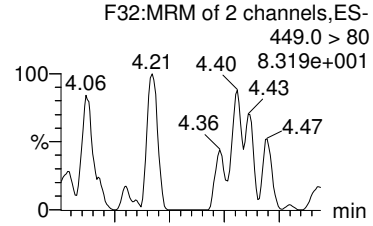

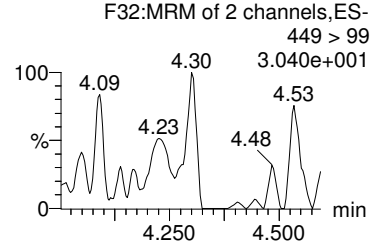

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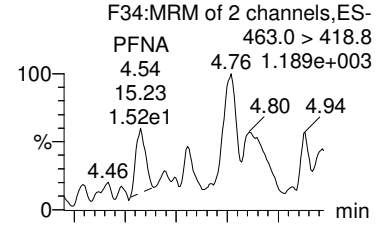

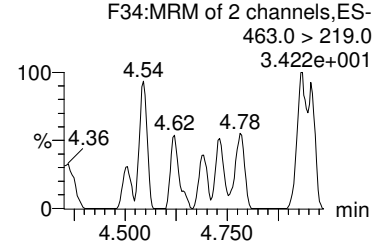

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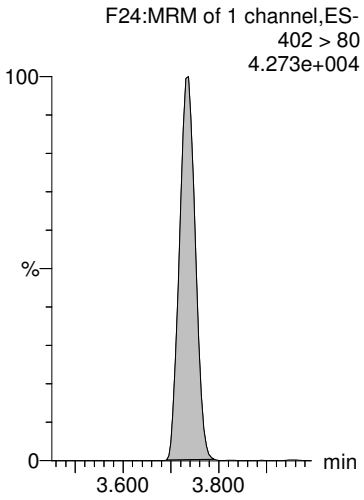

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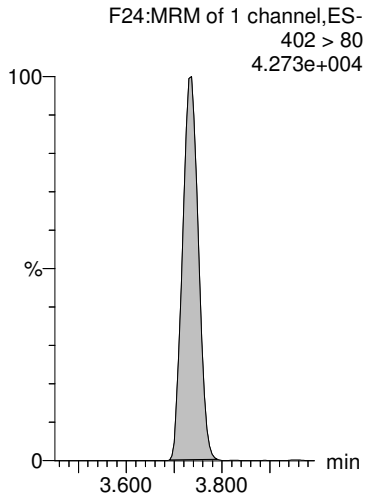
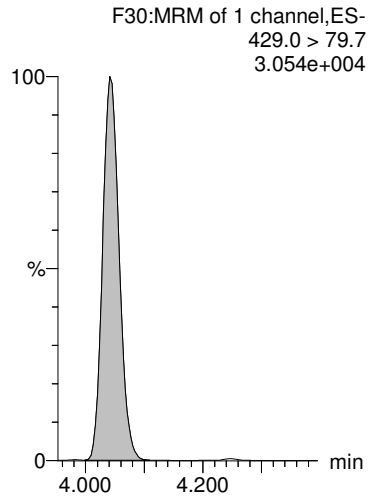


13C2-6:2 FTS-EIS



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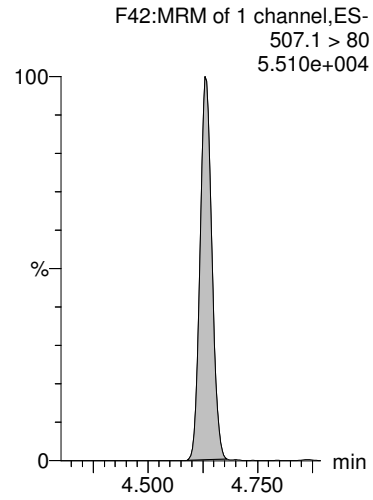

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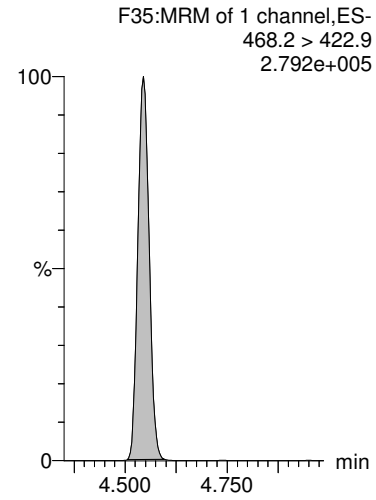


QRV 6/2/2020

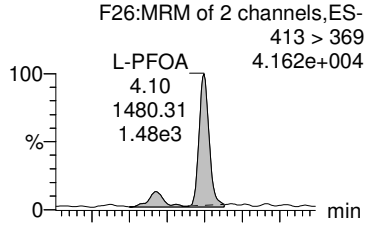
Review: AMR 6/2/2020

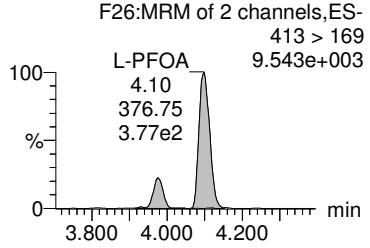
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:40:55 Pacific Daylight Time

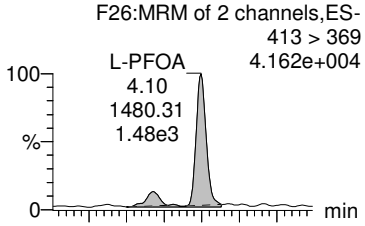
Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

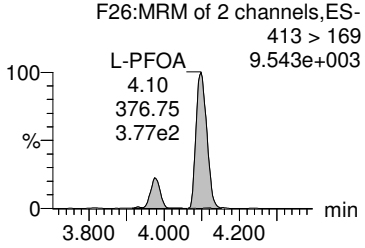
L-PFOA



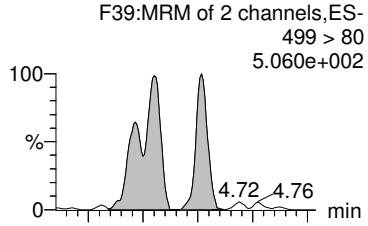


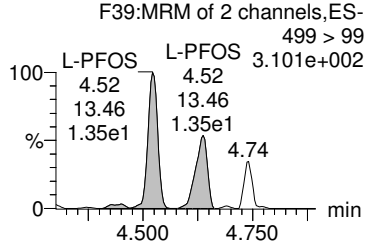
Total PFOA





L-PFOS





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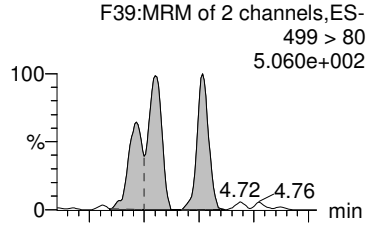

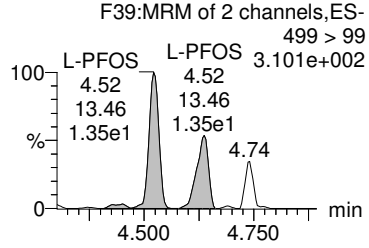

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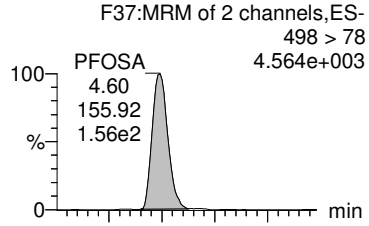

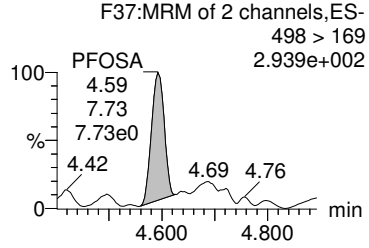

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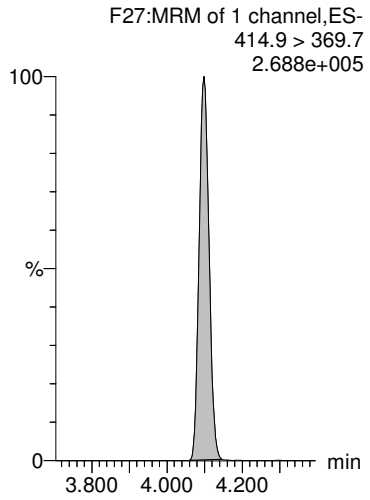

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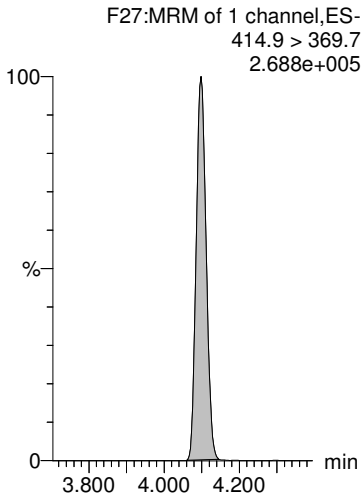

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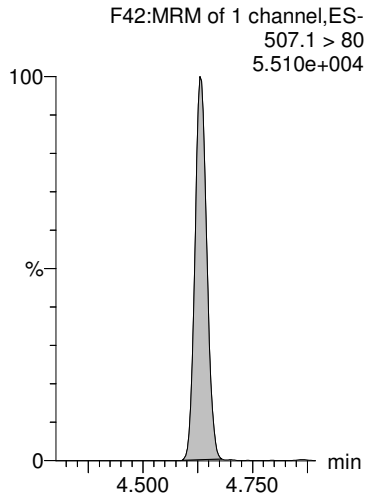

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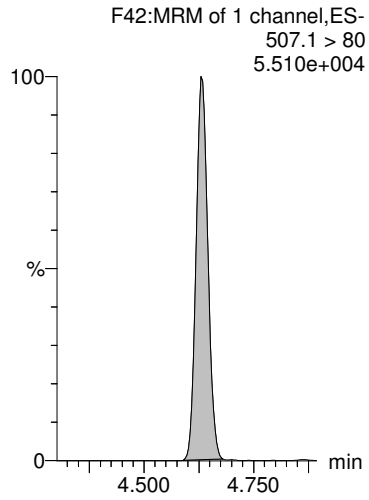

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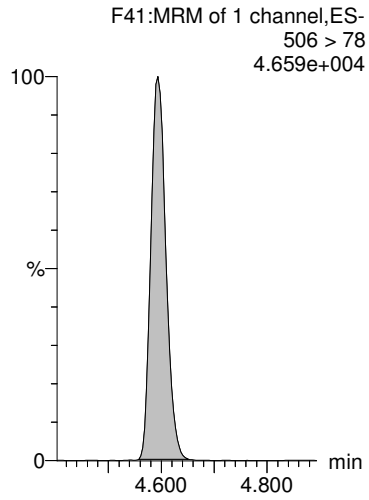

QRV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
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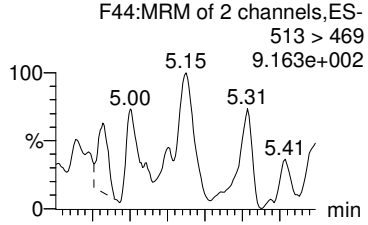
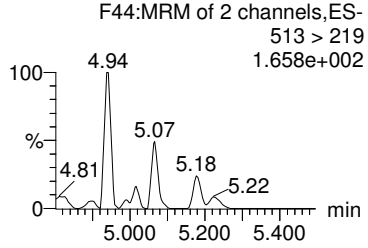
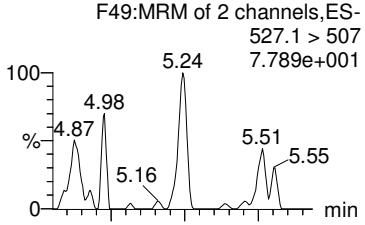
Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

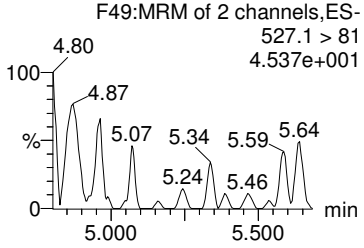
PFDA



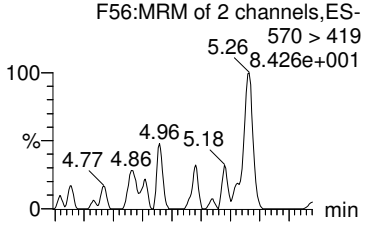


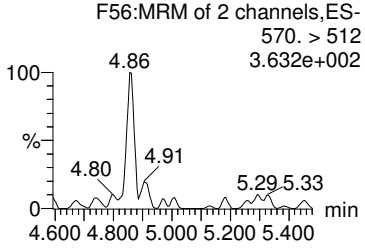
8:2 FTS



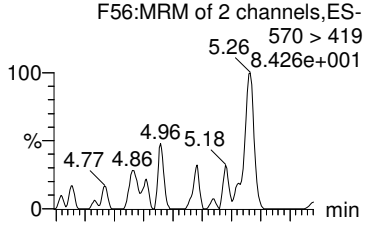


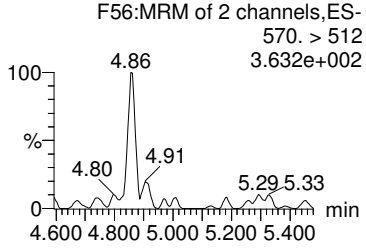
L-MeFOSAA



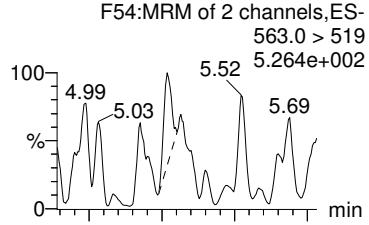


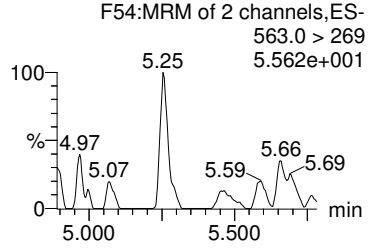
Total N-MeFOSAA



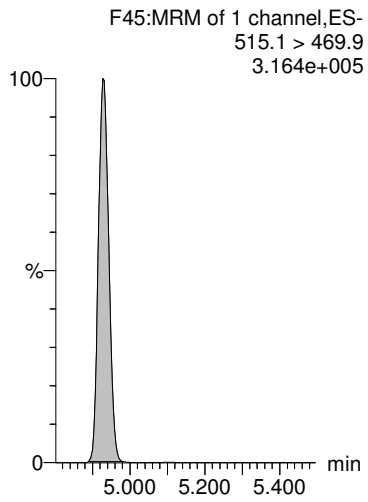


PFUdA

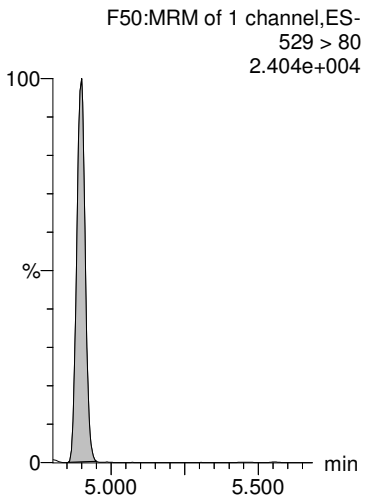




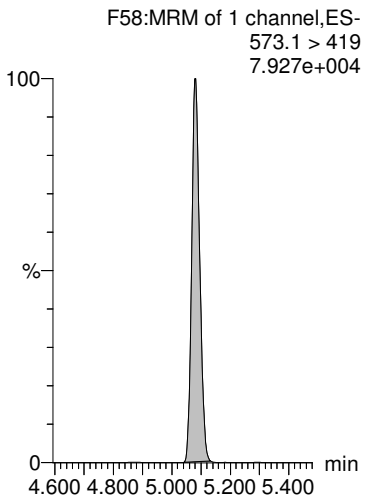
13C2-PFDA-EIS



13C2-8:2 FTS-EIS



d3-N-MeFOSAA-EIS



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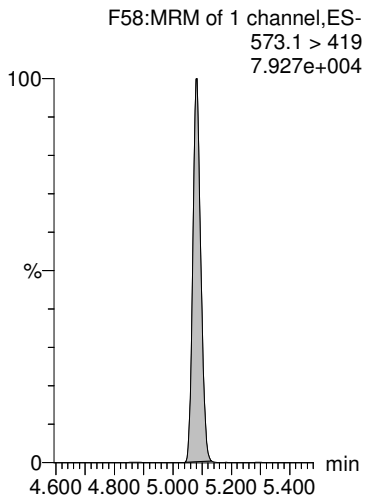

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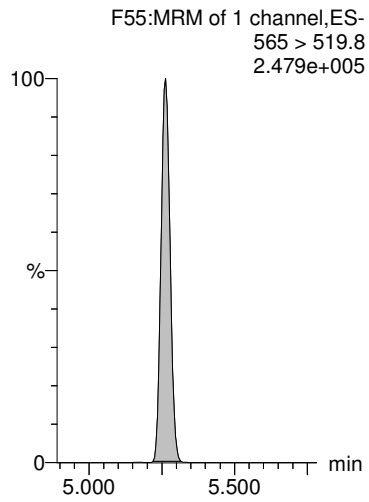


QPV 6/2/2020

Vista Analytical Laboratory L26

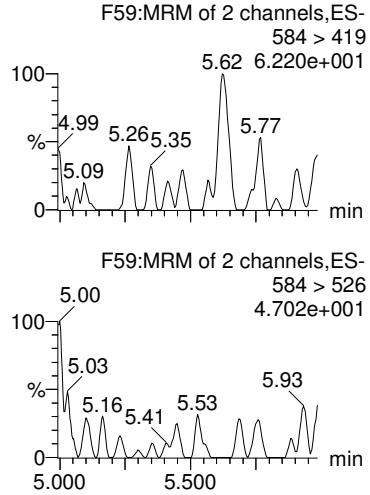
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

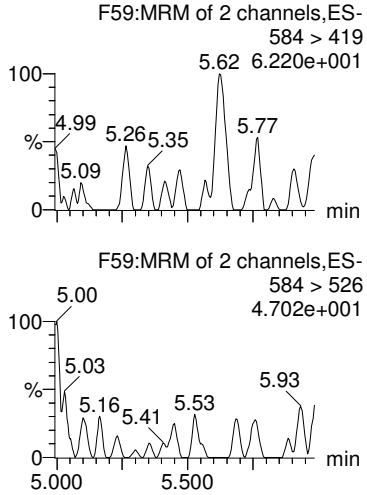
Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:40:55 Pacific Daylight Time

Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

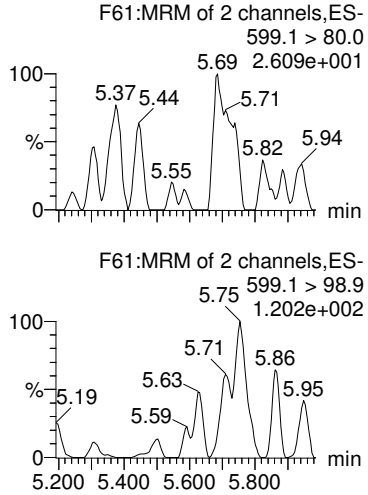
L-EtFOSAA



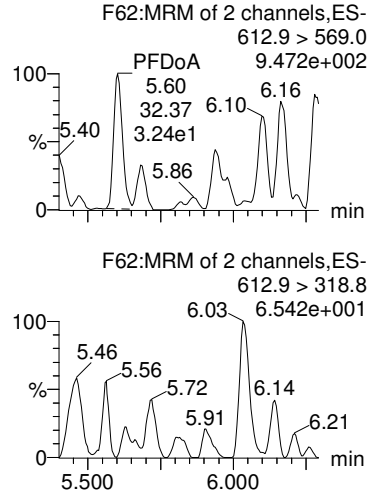
Total N-EtFOSAA



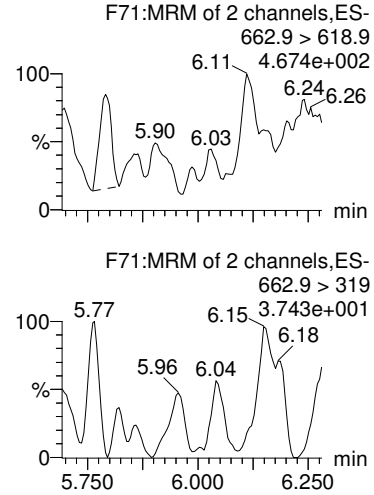
PFDS



PFDoA



PFTrDA



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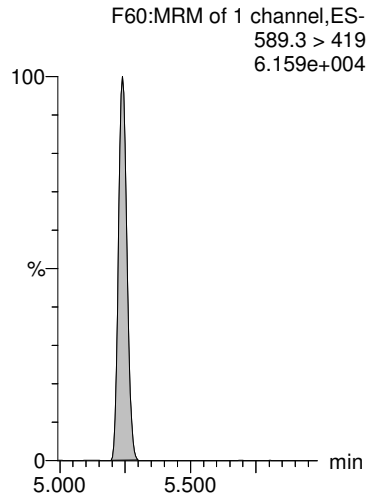
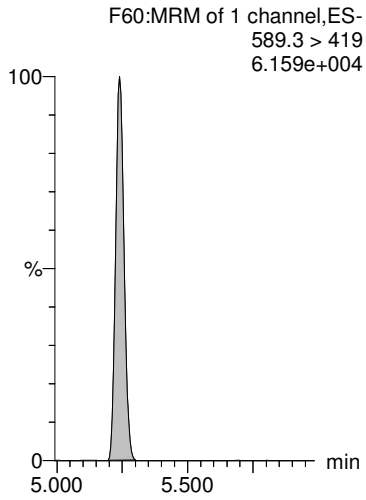
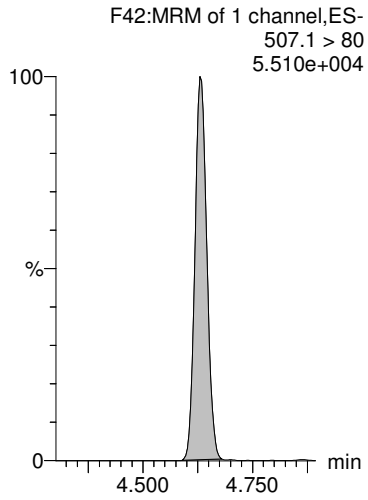


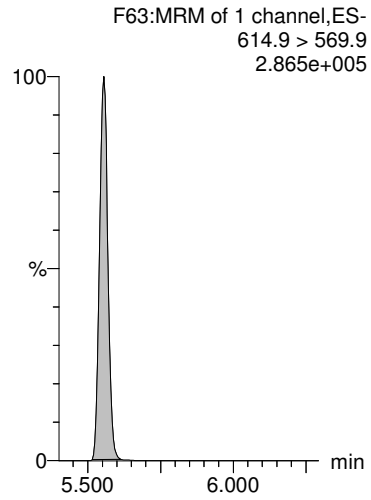
d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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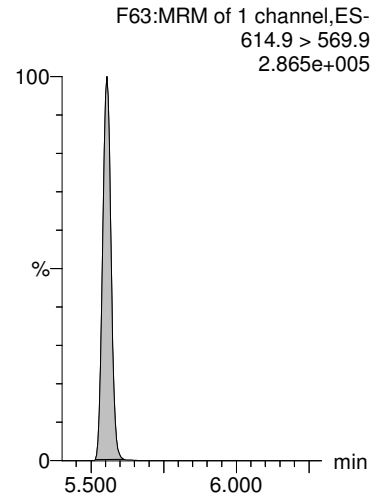


QPV 6/2/2020

Vista Analytical Laboratory L26

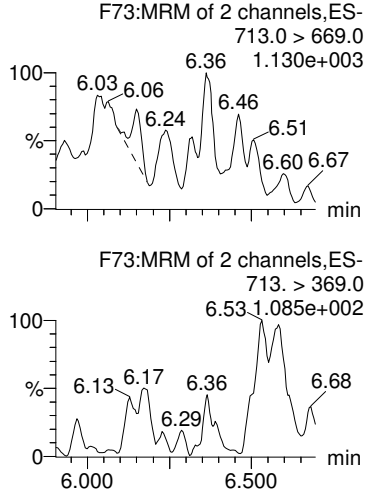
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

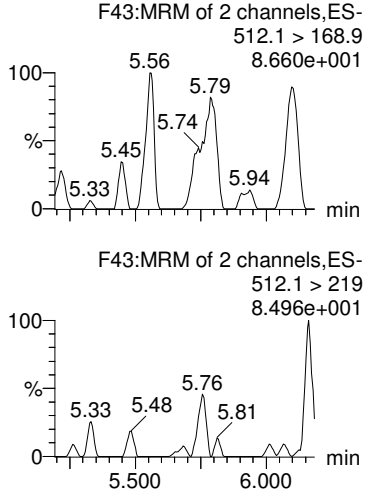
Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:40:55 Pacific Daylight Time

Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

PFTeDA



N-MeFOSA



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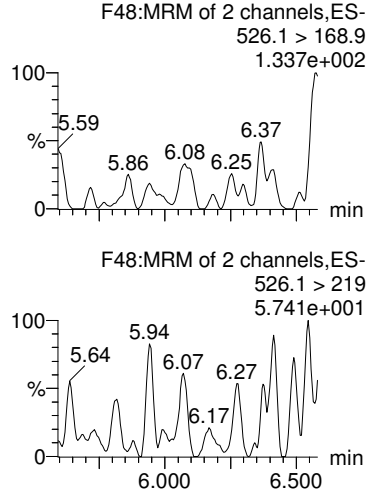
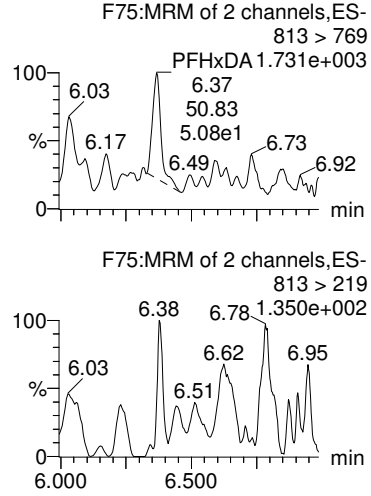
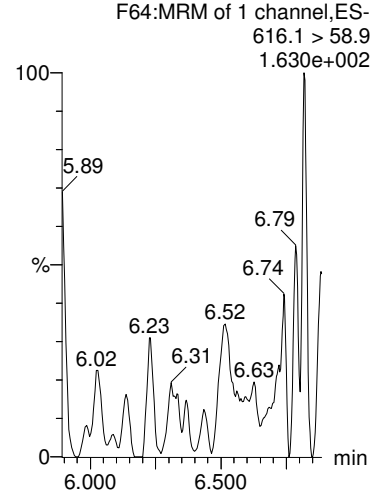


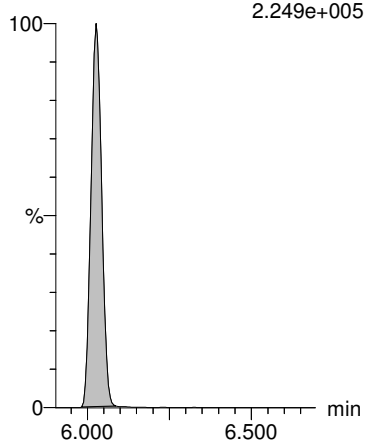
PFHxDA



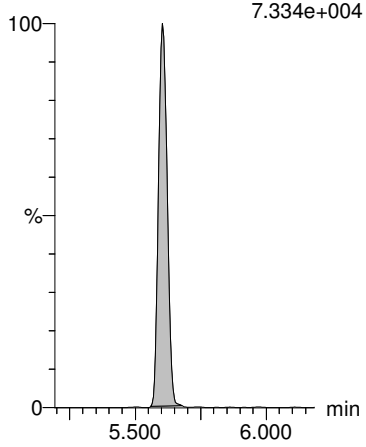
N-MeFOSE



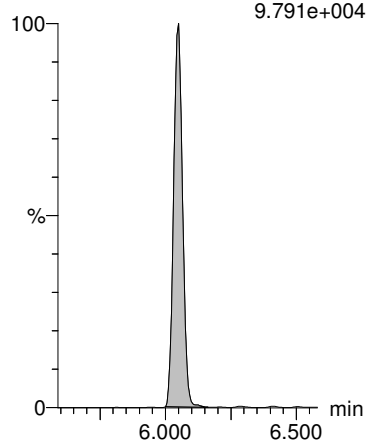
13C2-PFTeDA-EIS



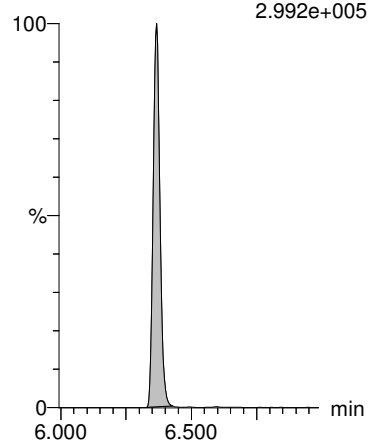
d3-N-MeFOSA-EIS



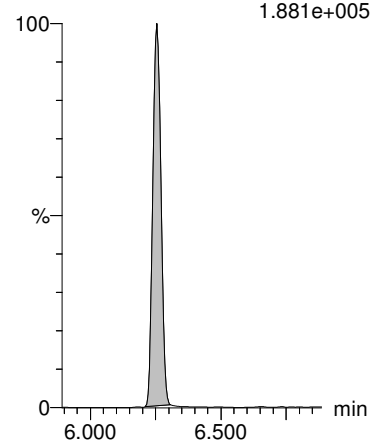
d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



d7-N-MeFOSE-EIS



QRV 6/2/2020

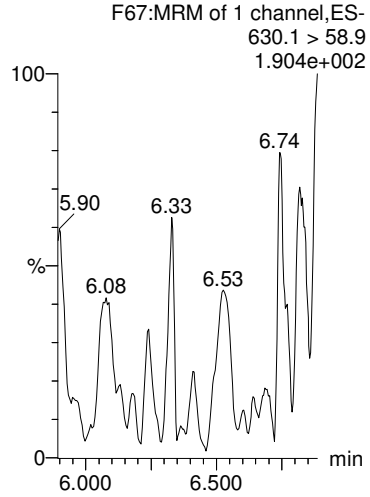
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-35-44.qld

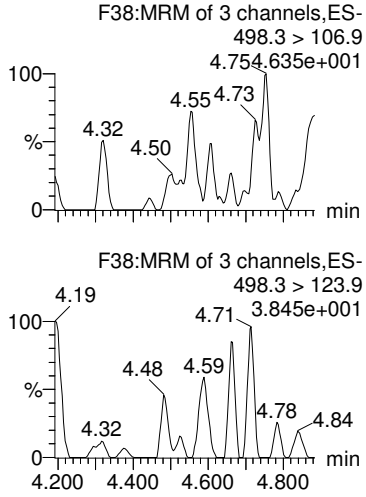
Last Altered: Tuesday, June 02, 2020 11:39:40 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:40:55 Pacific Daylight Time

Name: 200527P1-44, Date: 27-May-2020, Time: 19:41:58, ID: 2001078-15 GW-FPC-11A 0.11274, Description: GW-FPC-11A

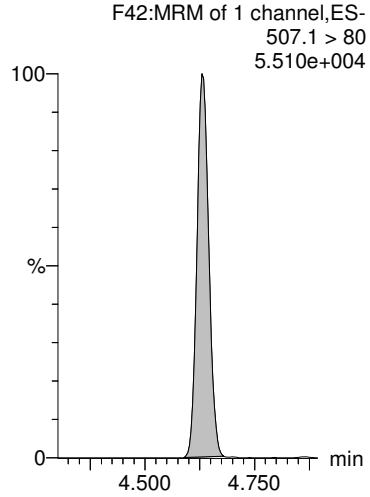
N-EtFOSE



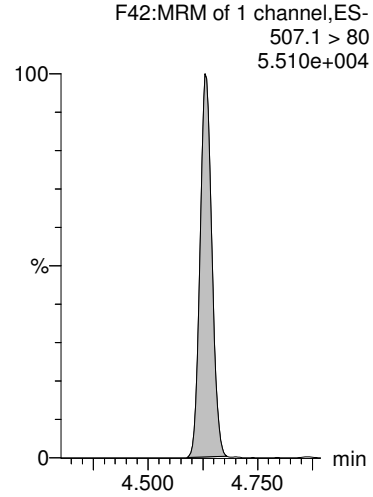
TDCA



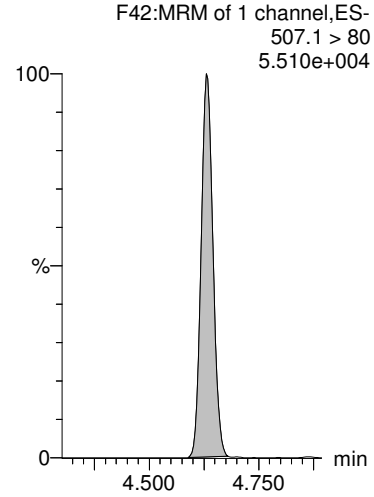
13C8-PFOS-EIS



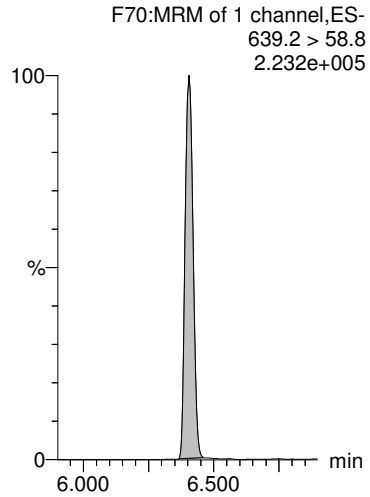
13C8-PFOS-EIS



13C8-PFOS-EIS



d9-N-EtFOSE-EIS



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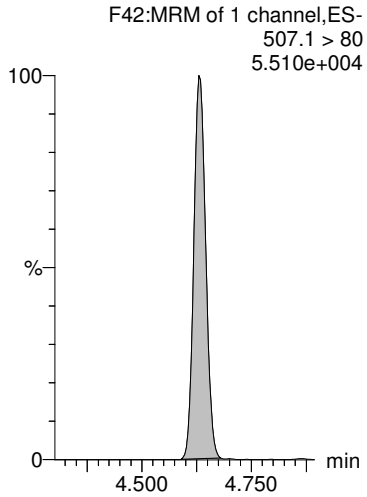

QRV 6/2/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Wednesday, June 03, 2020 08:21:35 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:22:00 Pacific Daylight Time

Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		4.06e3	0.111		1.22						
2	4	PFPeA	263.1 > 218.9		6.20e3	0.111		2.17						
3	5	PFBS	299.0 > 80		8.43e2	0.111		2.45						YES
4	7	PFHxA	313.0 > 269.0	1.44e2	8.19e3	0.111		2.98	2.98	0.220	1.3661		10.9	NO
5	11	PFHpA	363.0 > 319		6.75e3	0.111		3.59						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.06e3		0.111	289.289	1.22	1.22	4060	126.3647	112.4		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.20e3		0.111	588.947	2.15	2.17	6200	94.6178	84.2		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.43e2		0.111	81.912	2.43	2.45	843	92.5040	82.3		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.19e3		0.111	849.096	3.15	2.98	8190	86.7709	77.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	6.75e3		0.111	724.419	3.58	3.59	6750	83.7460	74.5		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.57e3	0.111		3.74						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.57e3	0.111		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.57e2	0.111		4.05						YES
15	19	PFHpS	449.0 > 80		1.54e3	0.111		4.25						YES
16	21	PFNA	463.0 > 418.8		8.61e3	0.111		4.55						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.57e3		0.111	171.580	3.92	3.74	1570	82.2136	73.1		
18	61	13C3-PFHxS-EIS	402 > 80	1.57e3		0.111	171.580	3.92	3.74	1570	82.2136	73.1		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.57e2		0.111	92.769	4.50	4.05	957	92.7462	82.5		
20	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.61e3		0.111	827.265	4.74	4.55	8610	93.5904	83.3		
22	-1													
23	16	L-PFOA	413 > 369	2.48e2	8.17e3	0.111		4.10	4.10	0.380	2.5948		3.91	NO
24	1...	Total PFOA	413 > 369	2.48e2	8.17e3	0.111		4.60		0.380	2.5948			
25	23	L-PFOS	499 > 80	4.56e0	1.54e3	0.111		4.64	4.64	0.0370	0.4161		2.30	NO
26	1...	Total PFOS	499> 80	4.56e0	1.54e3	0.111		4.60		0.0370	0.4161			
27	22	PFOSA	498 > 78		1.54e3	0.111		4.60						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.17e3		0.111	808.136	4.09	4.10	8170	90.9277	80.9		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.17e3		0.111	808.136	4.09	4.10	8170	90.9277	80.9		
30	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		
31	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		
32	67	13C8-PFOSA-EIS	506 > 78	1.54e3		0.111	257.965	4.59	4.60	1540	53.6726	47.7		
33	-1													
34	26	PFDA	513 > 469		9.50e3	0.111		4.94						YES
35	27	8:2 FTS	527.1 > 507		8.70e2	0.111		4.91						YES
36	29	L-MeFOSAA	570 > 419		1.88e3	0.111		5.09						YES

QPV 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Wednesday, June 03, 2020 08:21:35 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:22:00 Pacific Daylight Time

Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	1.88e3	0.111		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.36e3	0.111		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.50e3		0.111	1081.744	4.93	4.94	9500	78.9872	70.3		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.70e2		0.111	90.113	4.90	4.91	870	86.8164	77.2		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.88e3		0.111	255.309	5.07	5.09	1880	66.3212	59.0		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.88e3		0.111	255.309	5.07	5.09	1880	66.3212	59.0		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.36e3		0.111	985.591	5.01	5.26	8360	76.3278	67.9		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.06e3	0.111		5.25						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.06e3	0.111		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.54e3	0.111		5.25						YES
48	37	PFDoA	612.9 > 569.0		8.41e3	0.111		5.55						YES
49	39	PFTrDA	662.9 > 618.9		8.41e3	0.111		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.06e3		0.111	255.567	5.23	5.25	2060	72.6598	64.6		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.06e3		0.111	255.567	5.23	5.25	2060	72.6598	64.6		
52	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	8.41e3		0.111	1022.097	5.54	5.55	8410	73.9754	65.8		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	8.41e3		0.111	1022.097	5.54	5.55	8410	73.9754	65.8		
55	-1													
56	41	PFTeDA	713.0 > 669.0		7.46e3	0.111		6.01						YES
57	38	N-MeFOSA	512.1 > 168.9		3.74e3	0.111		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		5.25e3	0.111		6.02						YES
59	43	PFHxDA	813 > 769		7.43e3	0.111		6.36						YES
60	45	N-MeFOSE	616.1 > 58.9		7.08e3	0.111		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.46e3		0.111	1007.986	6.01	6.01	7460	66.5928	59.2		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.74e3		0.111	87.979	5.45	5.60	3740	382.0767	28.5		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.25e3		0.111	120.051	6.40	6.04	5250	392.9390	29.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.43e3		0.111	1310.023	6.36	6.36	7430	50.9752	45.3		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	7.08e3		0.111	100.447	6.25	6.25	7080	633.8619	47.2		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		7.78e3	0.111		6.40						
68	1...	TDCA	498.3>106.9			0.111		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		
70	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		
71	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.78e3		0.111	108.100	6.40	6.40	7780	647.4976	48.3		

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Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Wednesday, June 03, 2020 08:21:35 Pacific Daylight Time
Printed: Wednesday, June 03, 2020 08:22:00 Pacific Daylight Time

Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.54e3		0.111	167.288	4.76	4.64	1540	82.8875	73.7		

QPV 6/3/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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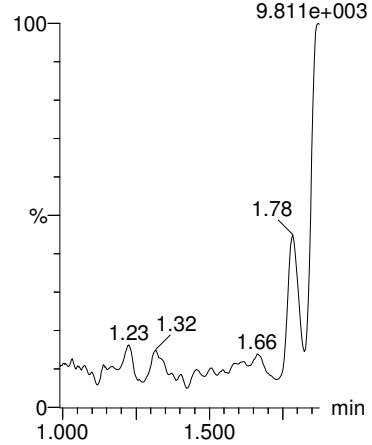
Printed: Wednesday, June 03, 2020 08:22:00 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

PFBA



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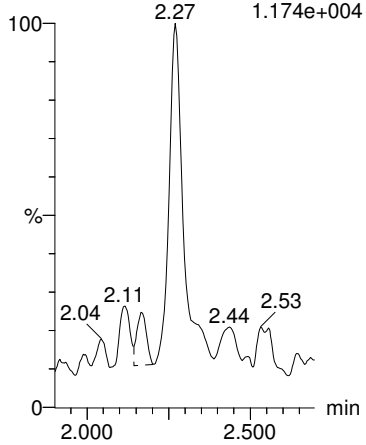

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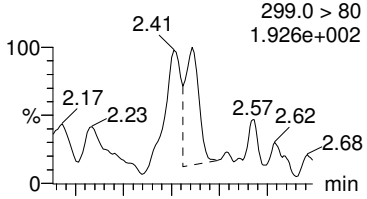

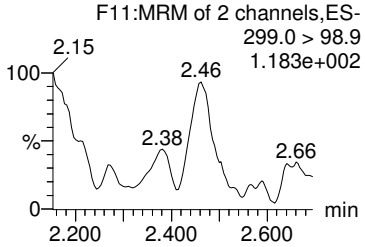

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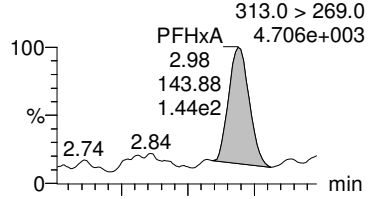

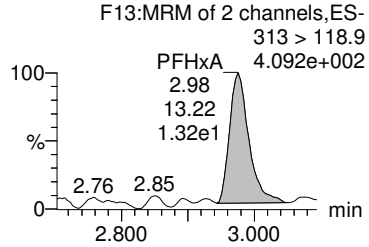

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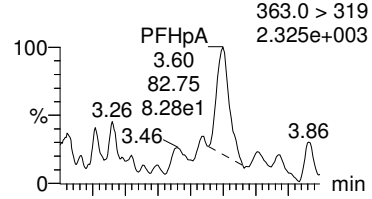

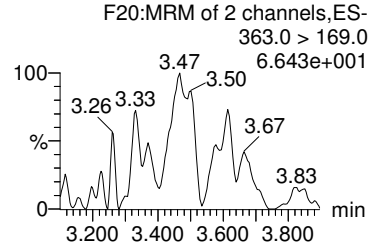

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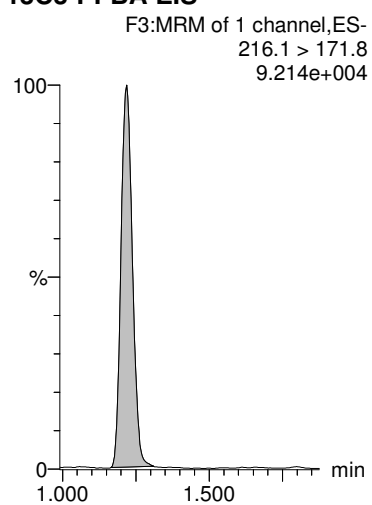

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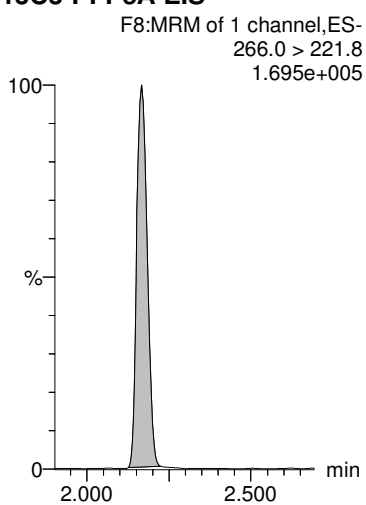

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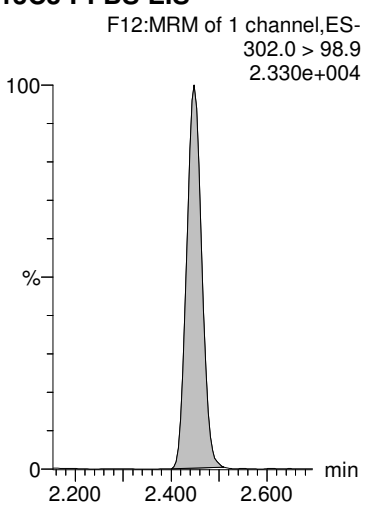

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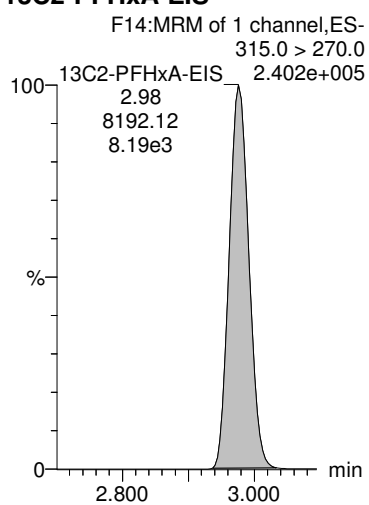

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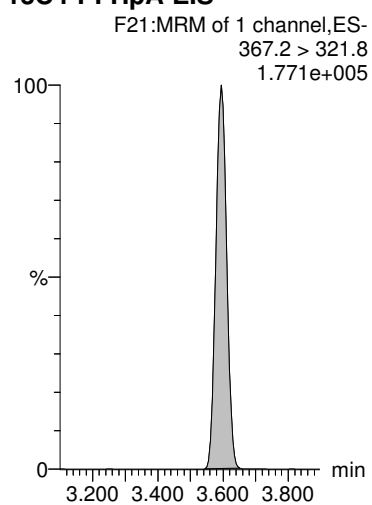

QPV 6/3/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Wednesday, June 03, 2020 08:21:35 Pacific Daylight Time
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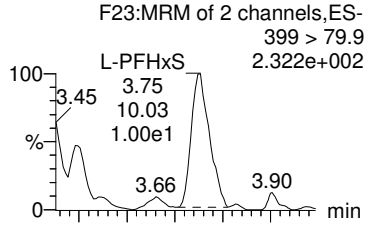
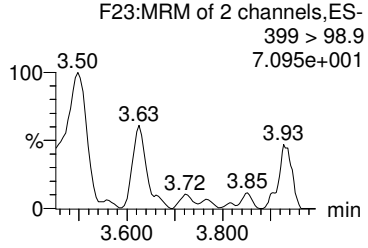
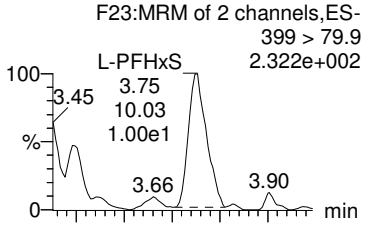
Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

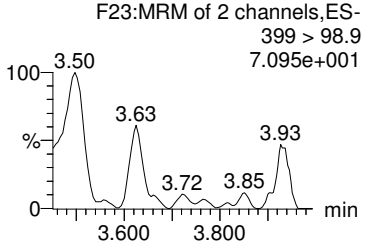
L-PFHxS



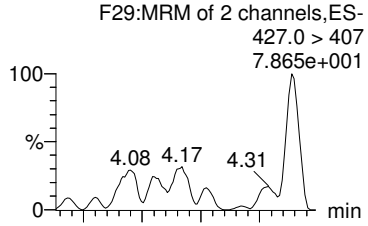


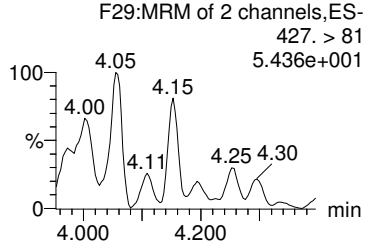
Total PFHxS





6:2 FTS





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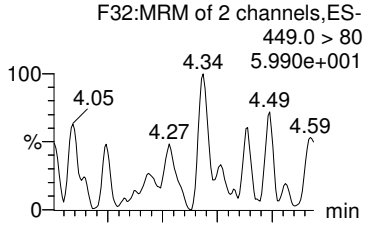

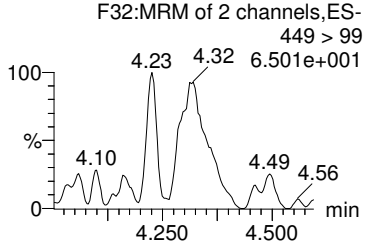

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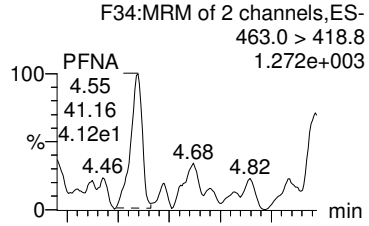

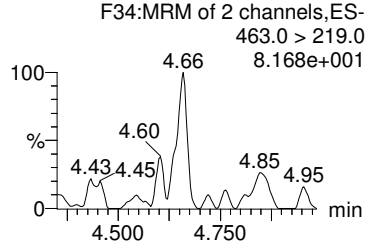

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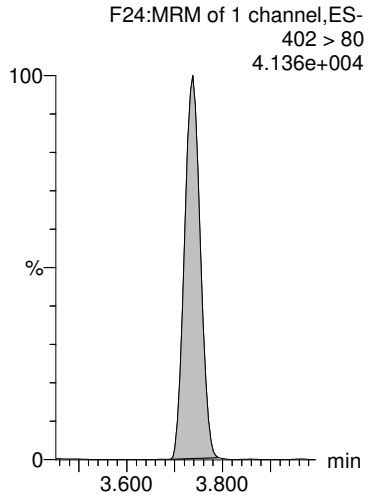

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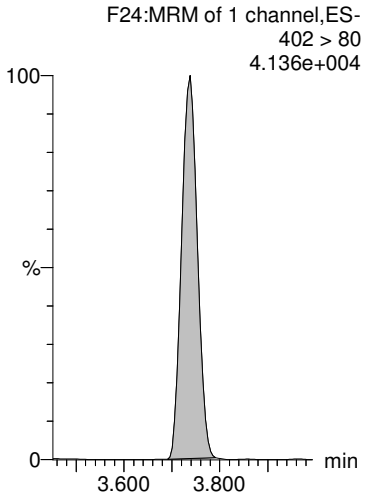

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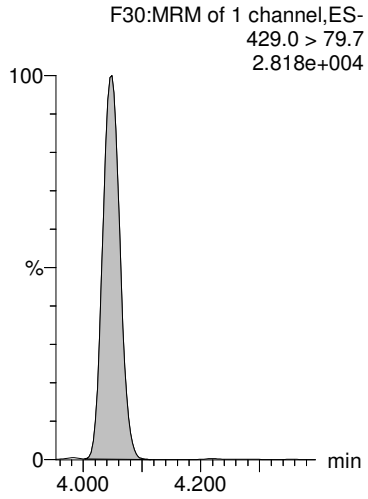

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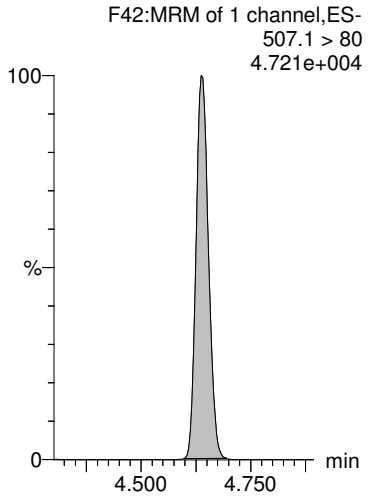

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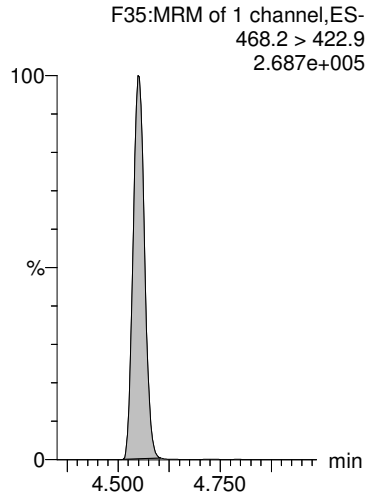

QRV 6/3/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Wednesday, June 03, 2020 08:21:35 Pacific Daylight Time
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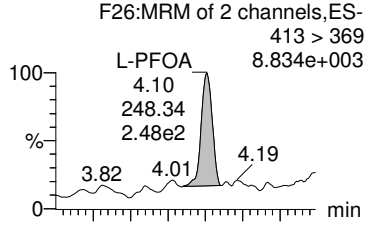
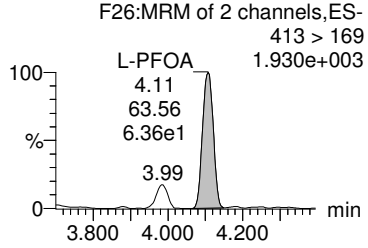
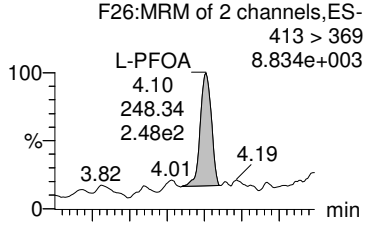
Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

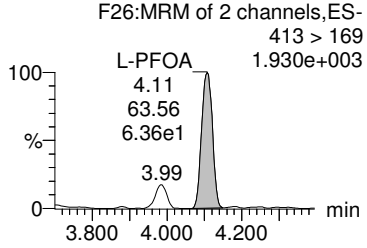
L-PFOA



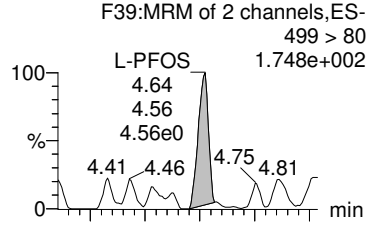


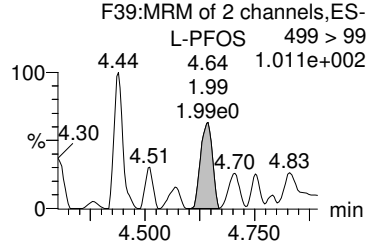
Total PFOA





L-PFOS





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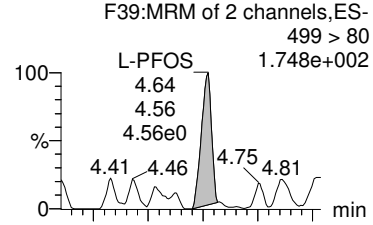
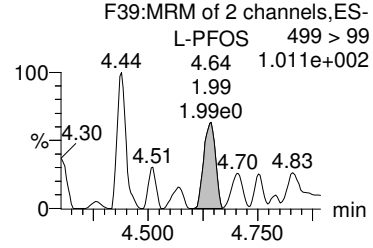
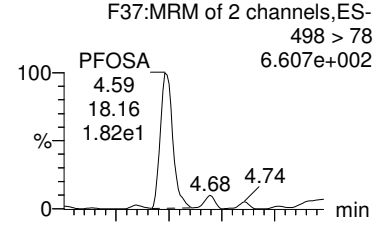
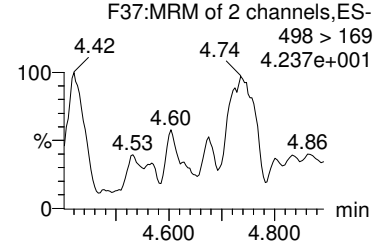




PFOSA





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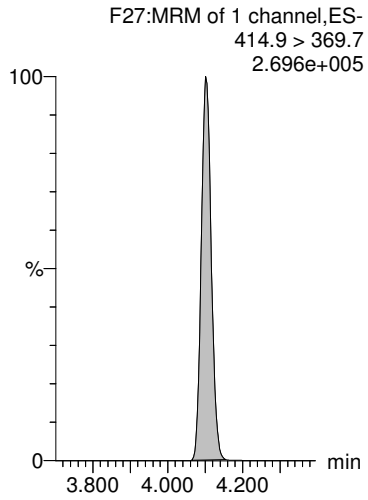

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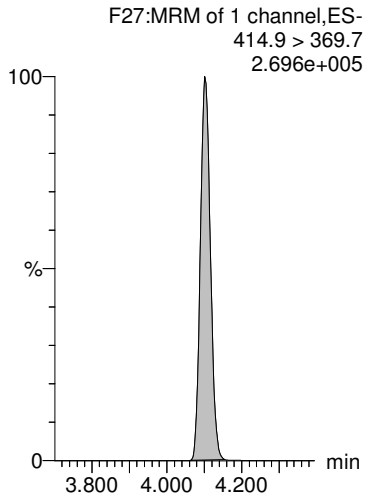

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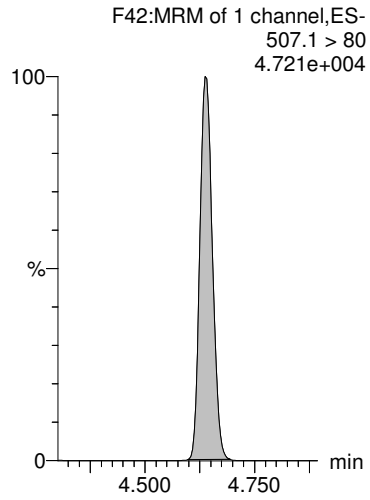

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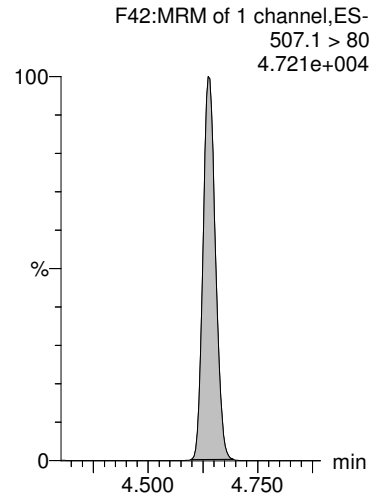

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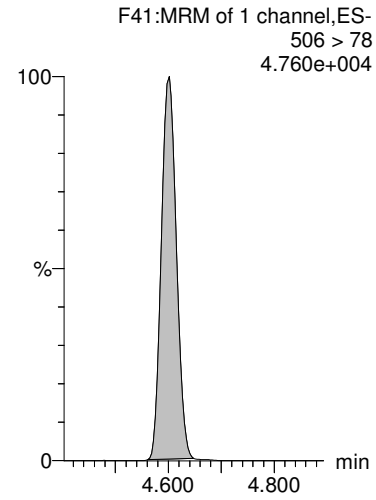

QPV 6/3/2020

Vista Analytical Laboratory L26

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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Printed: Wednesday, June 03, 2020 08:22:00 Pacific Daylight Time

Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

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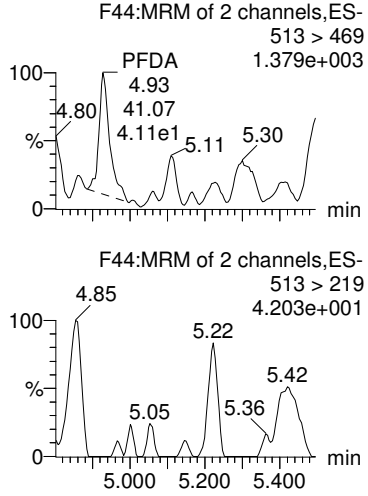

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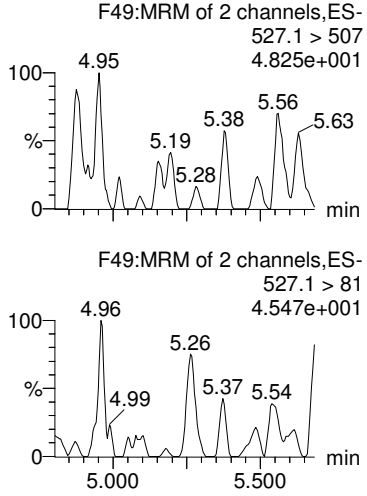

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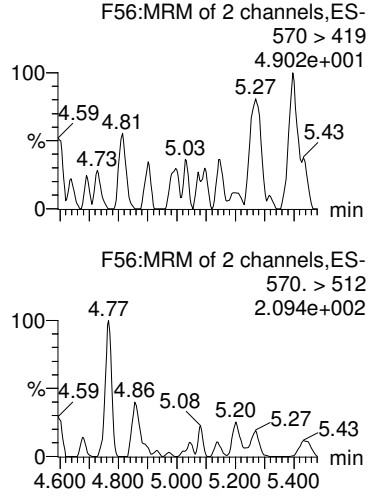

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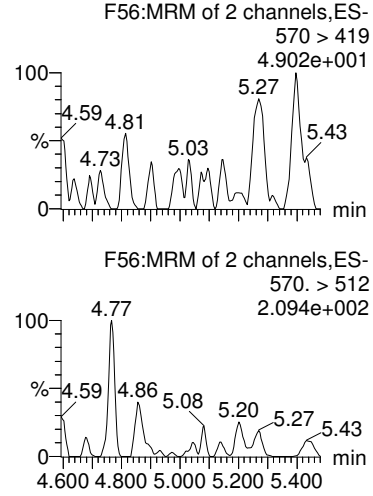

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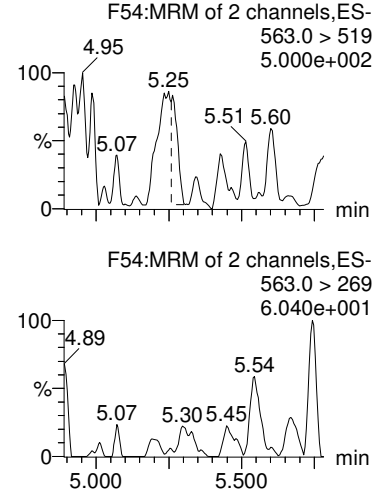

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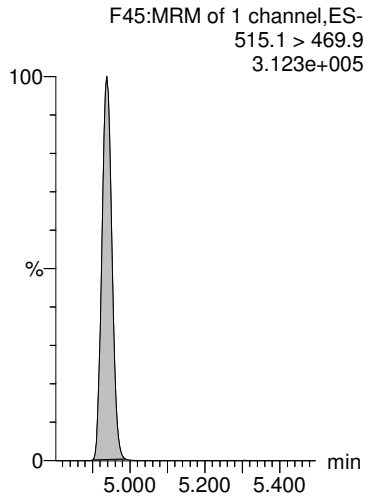

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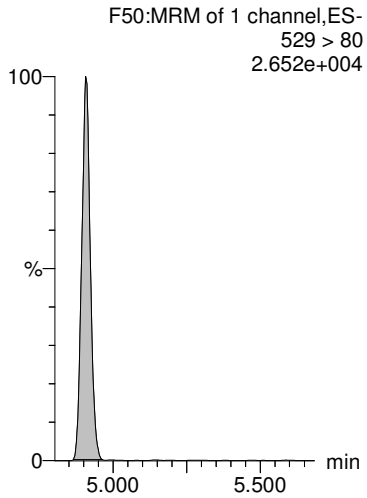

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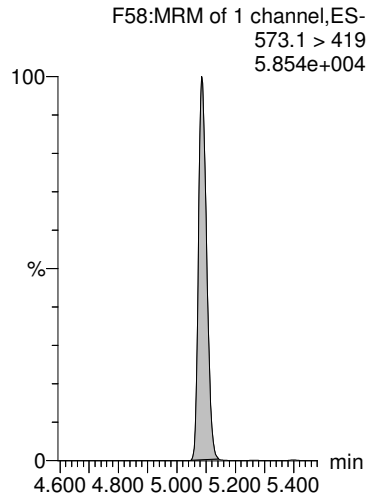

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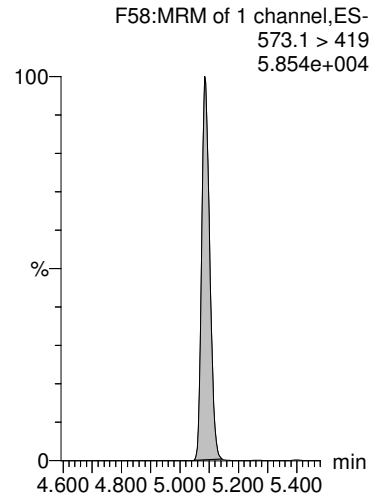

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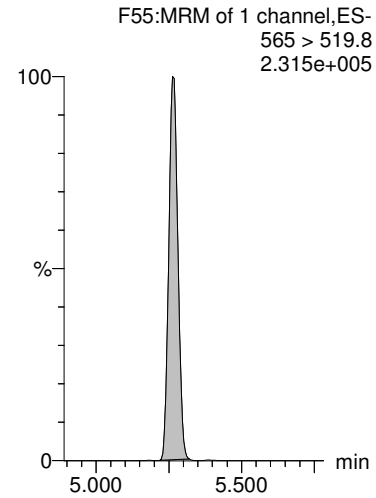

QPV 6/3/2020

Review: AMR 6/3/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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Printed: Wednesday, June 03, 2020 08:22:00 Pacific Daylight Time

Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

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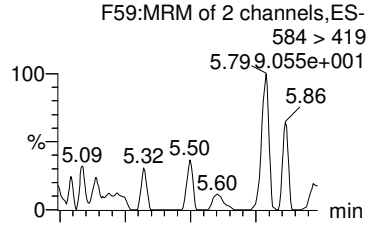

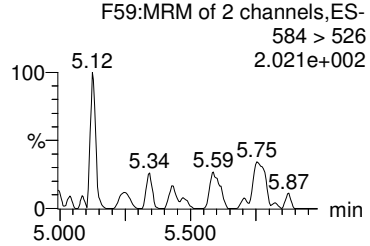

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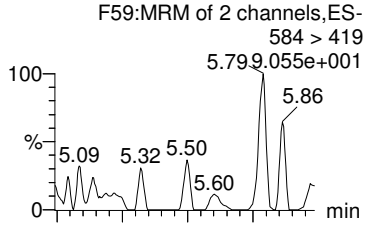

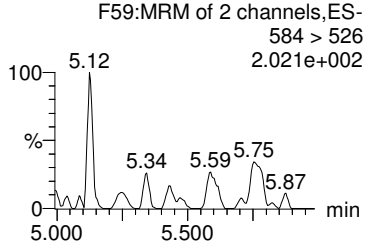

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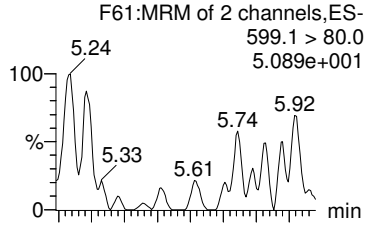

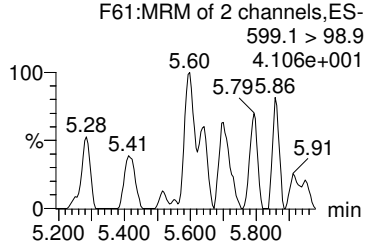

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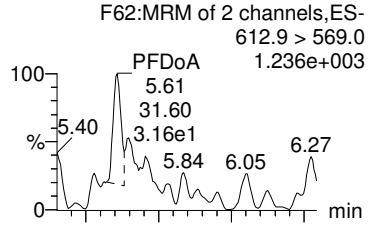

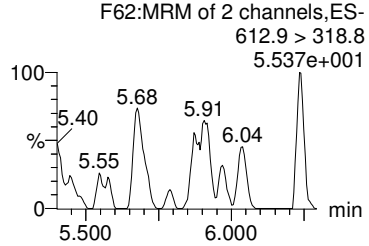

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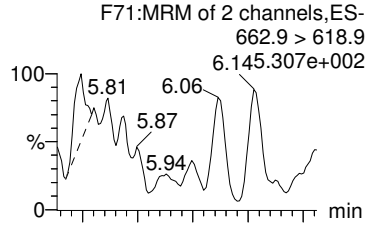

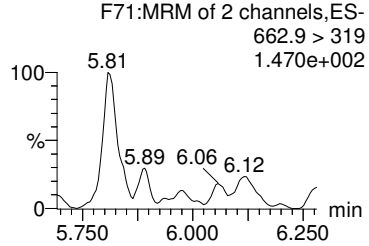

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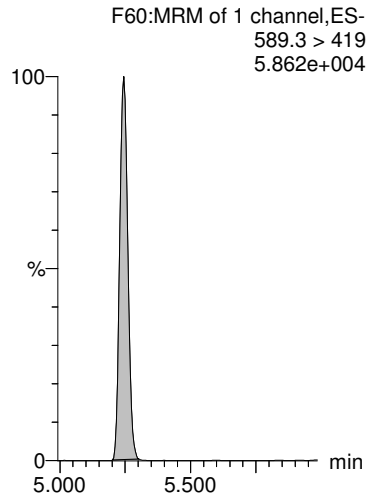

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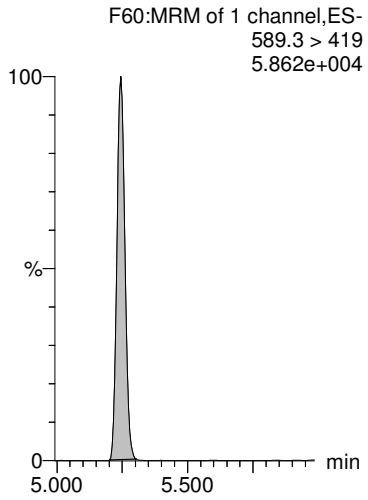

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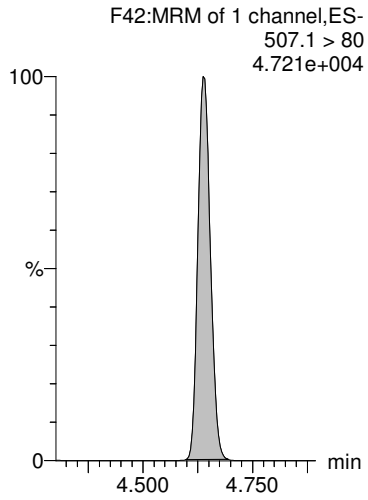

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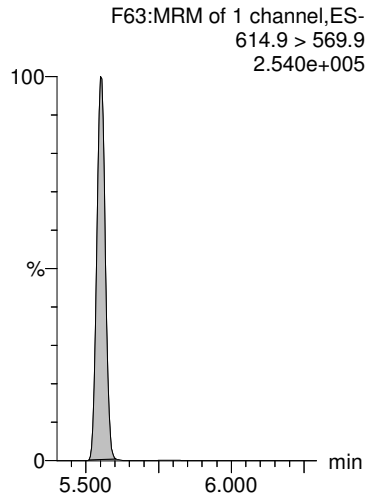

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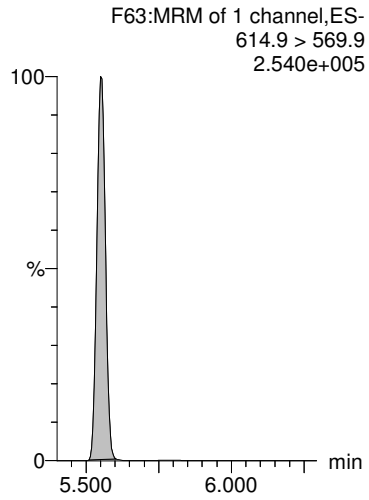

QPV 6/3/2020

Review: AMR 6/3/2020

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Printed: Wednesday, June 03, 2020 08:22:00 Pacific Daylight Time

Name: 200527P1-47, Date: 27-May-2020, Time: 20:13:27, ID: 2001078-16 GW-FPC-11B 0.11119, Description: GW-FPC-11B

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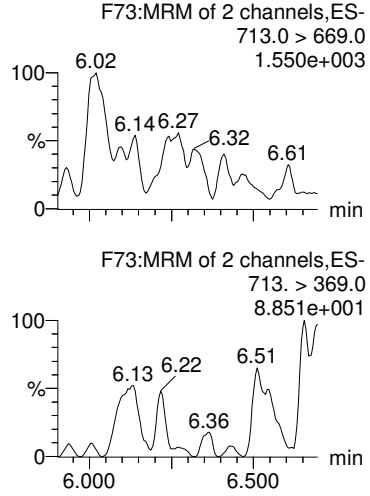

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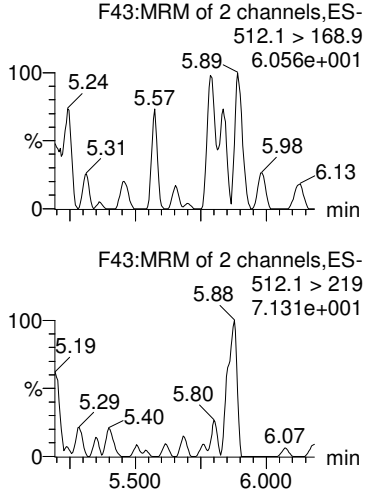

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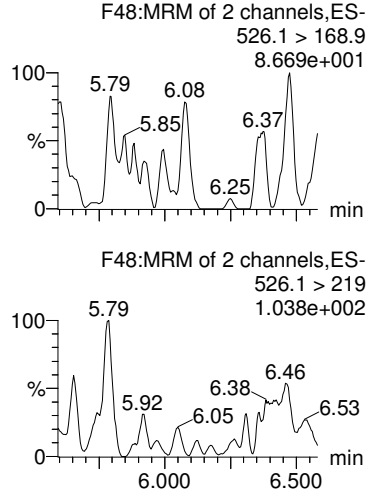

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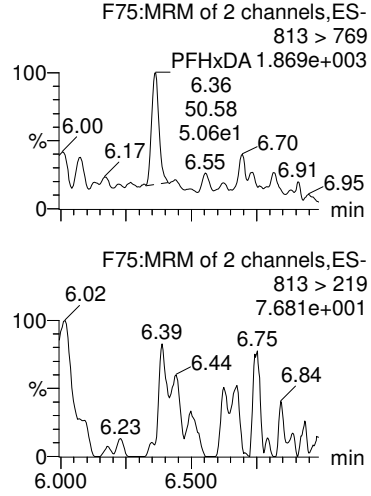

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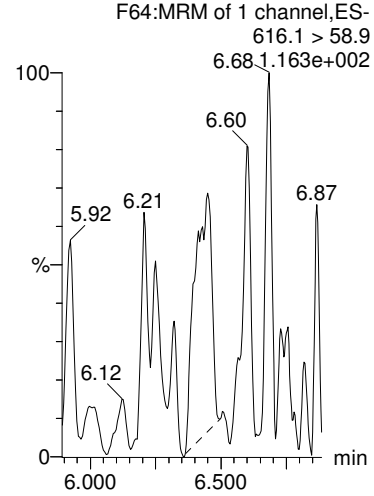

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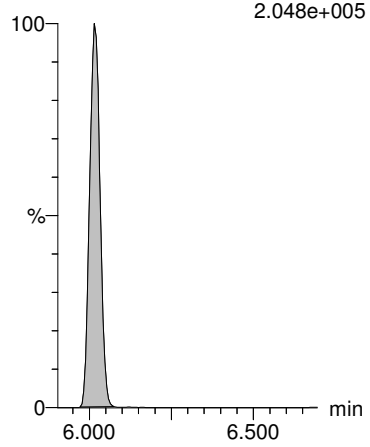

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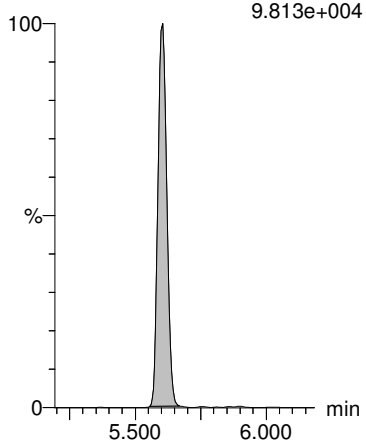

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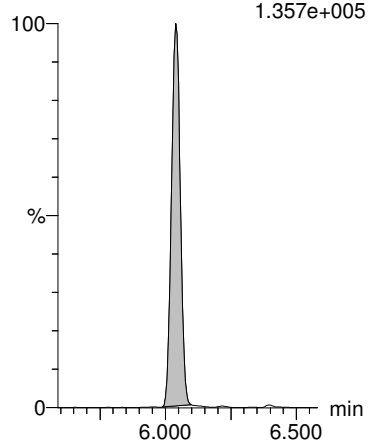

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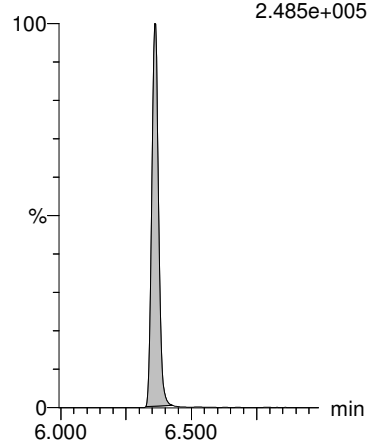

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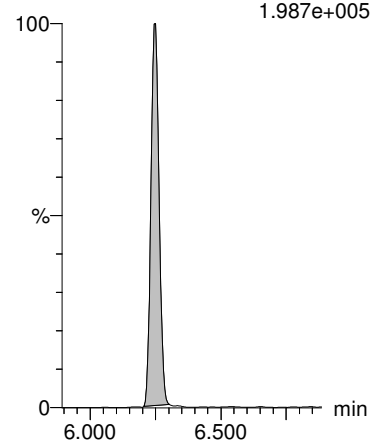

QPV 6/3/2020

Review: AMR 6/3/2020

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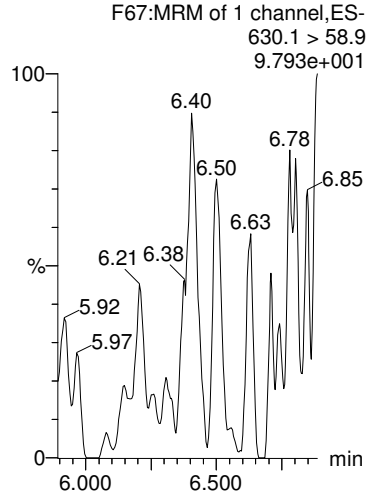
N-EtFOSE



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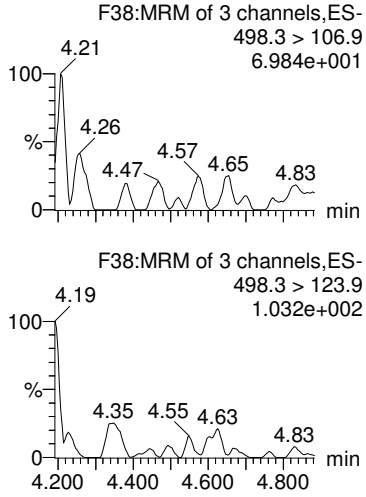

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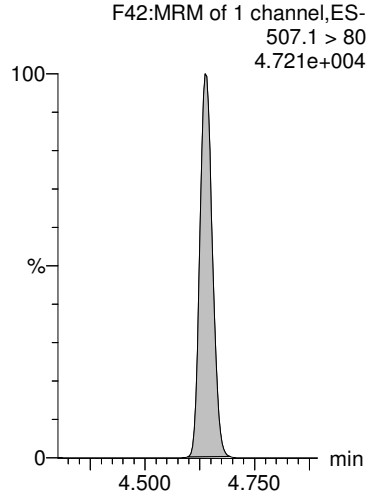

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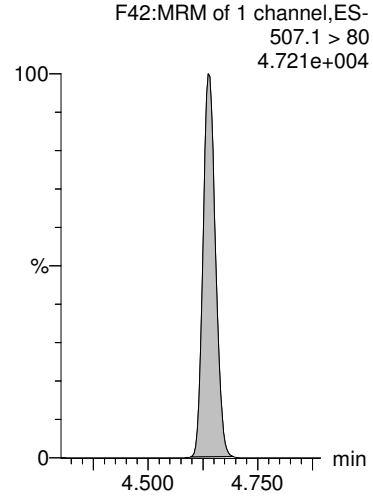

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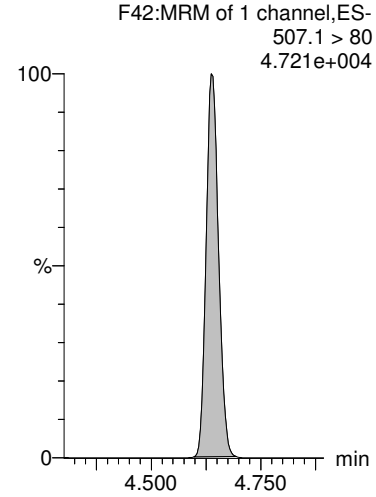

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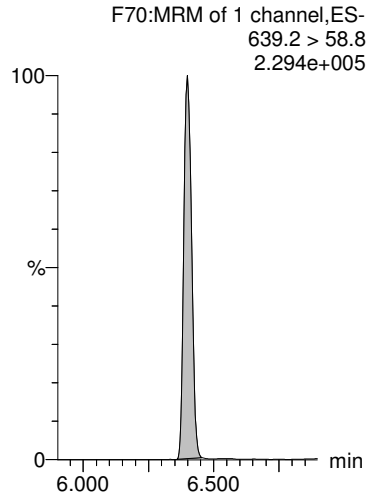

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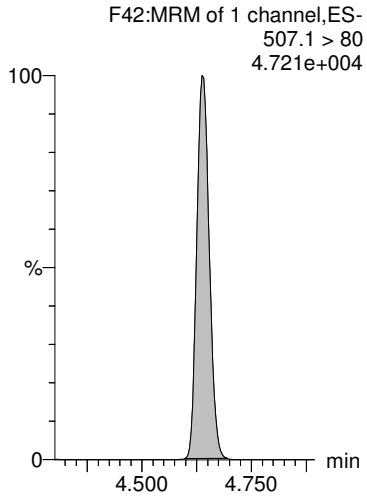

QRV 6/3/2020

Review: AMR 6/2/2020

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1	1	PFBA	213.0 > 168.8		4.37e3	0.114		1.21						
2	4	PFPeA	263.1 > 218.9		6.56e3	0.114		2.16						
3	5	PFBS	299.0 > 80		9.34e2	0.114		2.45						YES
4	7	PFHxA	313.0 > 269.0		8.22e3	0.114		2.98						YES
5	11	PFHpA	363.0 > 319		7.87e3	0.114		3.60						YES
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.37e3		0.114	289.289	1.22	1.21	4370	132.6535	120.8		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.56e3		0.114	588.947	2.15	2.16	6560	97.9116	89.1		
8	51	13C3-PFBS-EIS	302.0 > 98.9	9.34e2		0.114	81.912	2.43	2.45	934	100.1650	91.2		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.22e3		0.114	849.096	3.15	2.98	8220	85.0430	77.4		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.87e3		0.114	724.419	3.58	3.60	7870	95.4861	86.9		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.70e3	0.114		3.74						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.70e3	0.114		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.90e2	0.114		4.05						YES
15	19	PFHpS	449.0 > 80		1.71e3	0.114		4.26						YES
16	21	PFNA	463.0 > 418.8		8.70e3	0.114		4.55						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.70e3		0.114	171.580	3.92	3.74	1700	86.9592	79.2		
18	61	13C3-PFHxS-EIS	402 > 80	1.70e3		0.114	171.580	3.92	3.74	1700	86.9592	79.2		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.90e2		0.114	92.769	4.50	4.05	990	93.8101	85.4		
20	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.70e3		0.114	827.265	4.74	4.55	8700	92.3875	84.1		
22	-1													
23	16	L-PFOA	413 > 369		8.31e3	0.114		4.11						YES
24	1...	Total PFOA	413 > 369	0.00e0	8.31e3	0.114		4.60		0.000				
25	23	L-PFOS	499 > 80		1.71e3	0.114		4.64						YES
26	1...	Total PFOS	499> 80	0.00e0	1.71e3	0.114		4.60		0.000				
27	22	PFOSA	498 > 78		1.93e3	0.114		4.61						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.31e3		0.114	808.136	4.09	4.11	8310	90.3696	82.3		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.31e3		0.114	808.136	4.09	4.11	8310	90.3696	82.3		
30	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		
31	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		
32	67	13C8-PFOSA-EIS	506 > 78	1.93e3		0.114	257.965	4.59	4.61	1930	65.8334	59.9		
33	-1													
34	26	PFDA	513 > 469		1.03e4	0.114		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.79e2	0.114		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.67e3	0.114		5.09						YES

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
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Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.67e3	0.114		5.19		0.000				
38	33	PFUdA	563.0 > 519		9.94e3	0.114		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.03e4		0.114	1081.744	4.93	4.93	10300	83.8946	76.4		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.79e2		0.114	90.113	4.90	4.90	879	85.7051	78.0		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.67e3		0.114	255.309	5.07	5.09	2670	91.7559	83.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.67e3		0.114	255.309	5.07	5.09	2670	91.7559	83.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.94e3		0.114	985.591	5.01	5.26	9940	88.6479	80.7		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.44e3	0.114		5.25						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.44e3	0.114		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.71e3	0.114		5.26						YES
48	37	PFDoA	612.9 > 569.0		1.01e4	0.114		5.55						YES
49	39	PFTrDA	662.9 > 618.9		1.01e4	0.114		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.44e3		0.114	255.567	5.23	5.25	2440	83.8890	76.4		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.44e3		0.114	255.567	5.23	5.25	2440	83.8890	76.4		
52	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	1.01e4		0.114	1022.097	5.54	5.55	10100	86.6184	78.9		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	1.01e4		0.114	1022.097	5.54	5.55	10100	86.6184	78.9		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.37e3	0.114		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		2.92e3	0.114		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		3.10e3	0.114		6.02						YES
59	43	PFHxDA	813 > 769		7.73e3	0.114		6.36						YES
60	45	N-MeFOSE	616.1 > 58.9		5.98e3	0.114		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.37e3		0.114	1007.986	6.01	6.02	8370	72.9952	66.5		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.92e3		0.114	87.979	5.45	5.60	2920	291.2073	22.2		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.10e3		0.114	120.051	6.40	6.04	3100	226.9435	17.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	7.73e3		0.114	1310.023	6.36	6.36	7730	51.8483	47.2		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.98e3		0.114	100.447	6.25	6.25	5980	523.2522	39.9		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.99e3	0.114		6.40						
68	1...	TDCA	498.3>106.9			0.114		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		
70	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		
71	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.99e3		0.114	108.100	6.40	6.40	6990	568.2903	43.3		

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.114	167.288	4.76	4.64	1710	89.6017	81.6		

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Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
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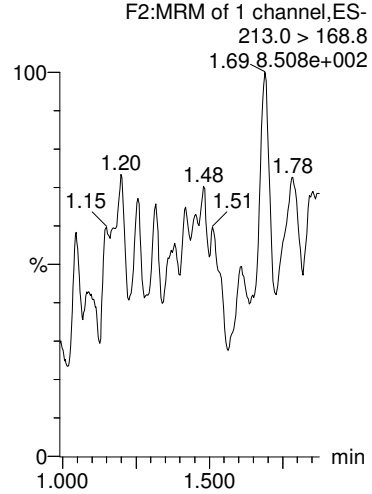
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

PFBA



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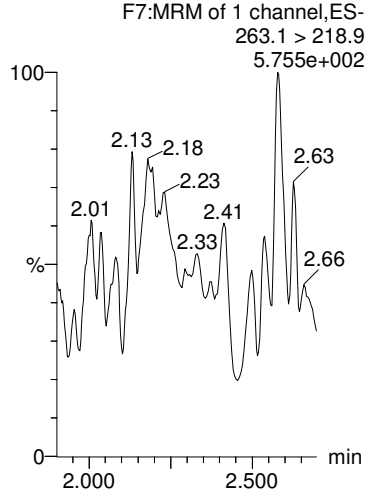

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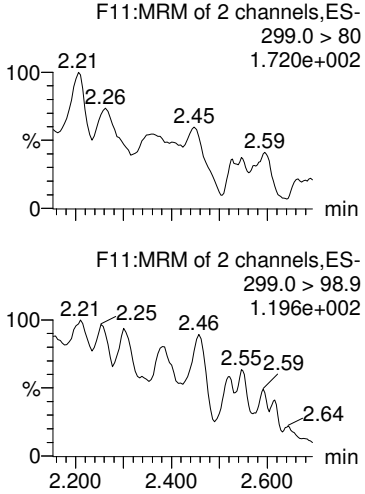

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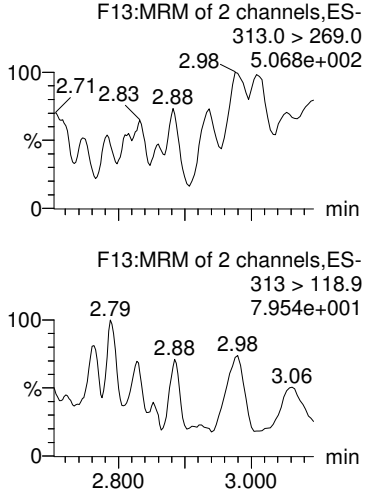

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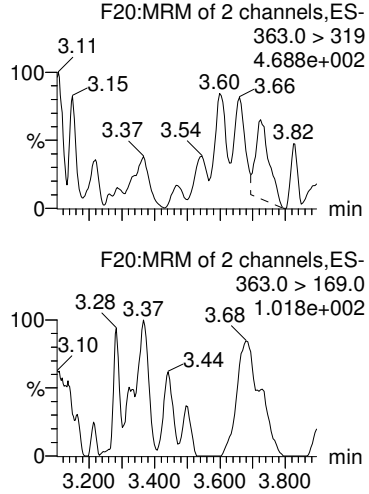

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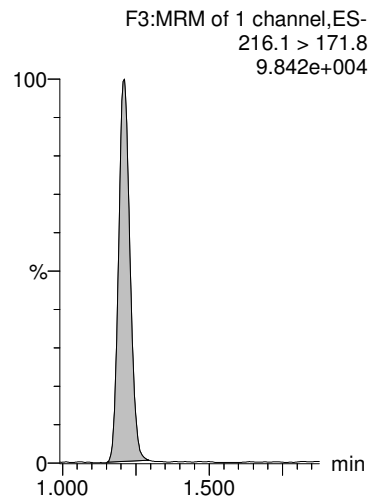

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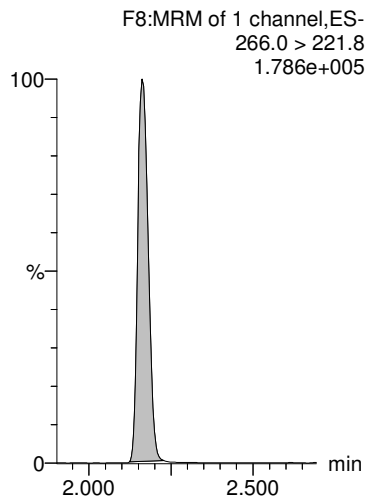

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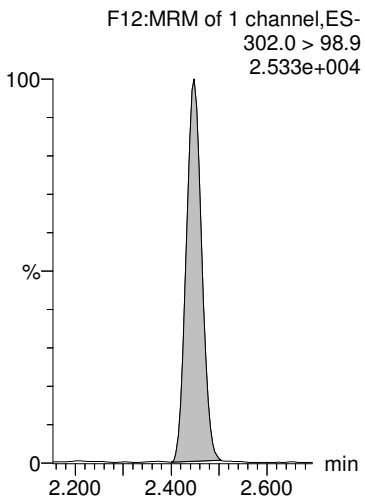

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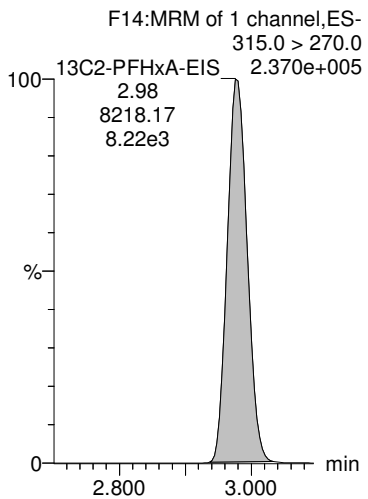

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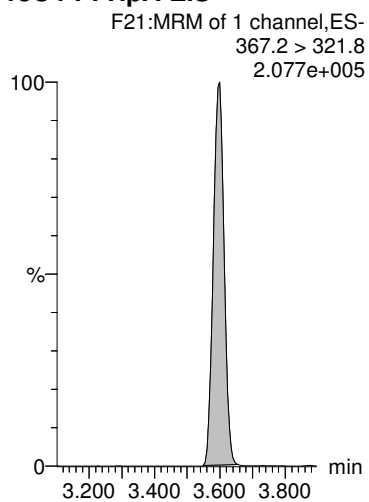

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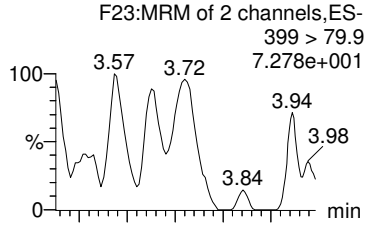
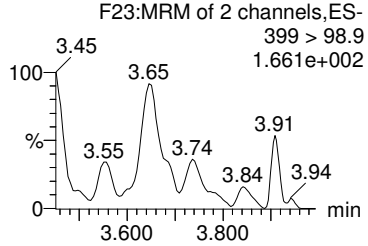
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:17:18 Pacific Daylight Time

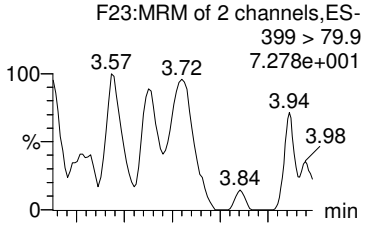
Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

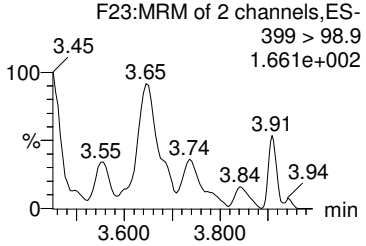
L-PFHxS



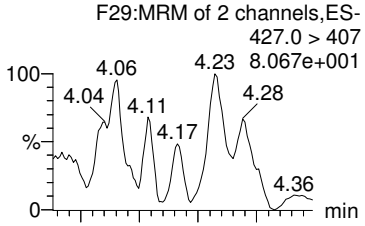


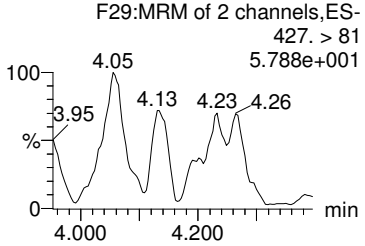
Total PFHxS





6:2 FTS





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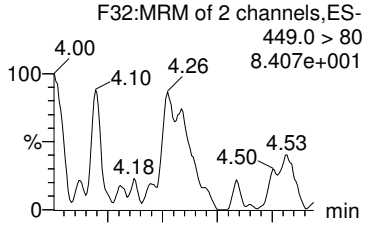

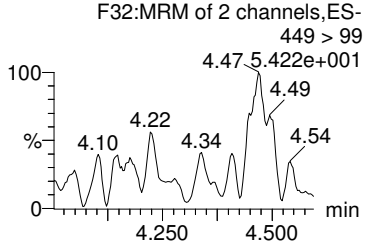

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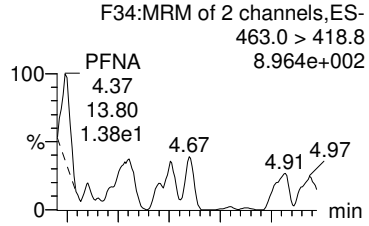

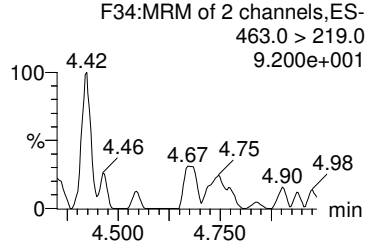

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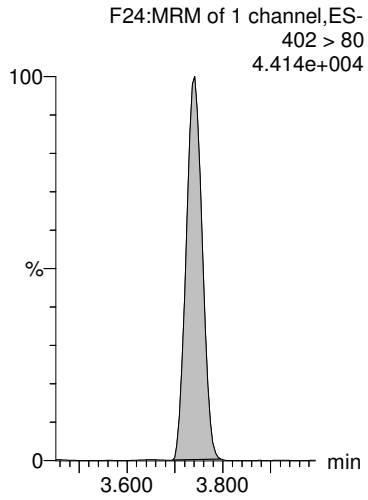

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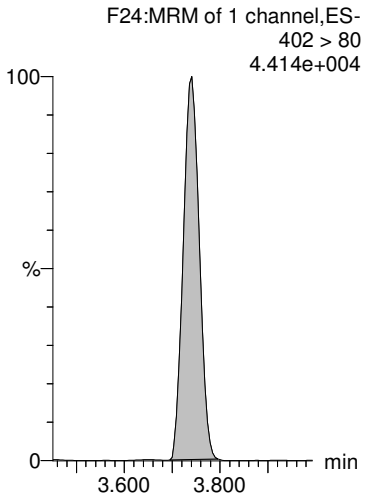

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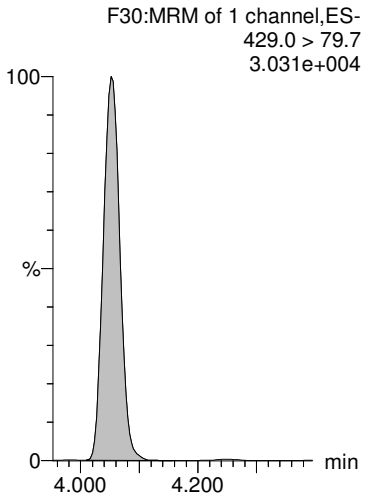

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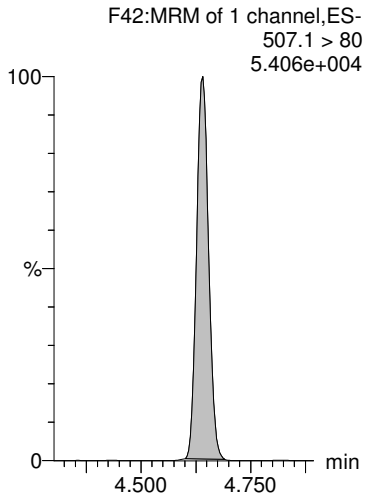

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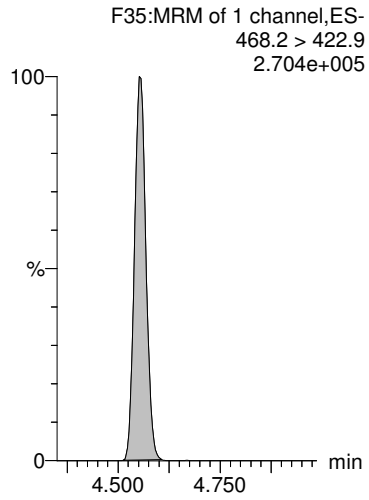

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Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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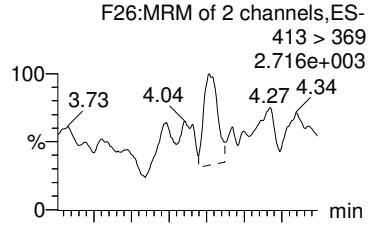
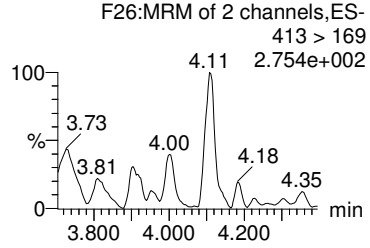
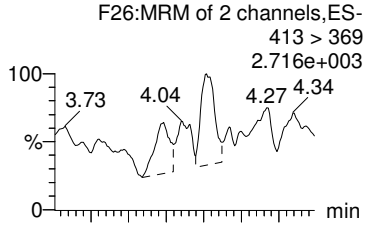
Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

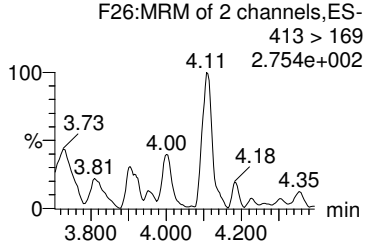
L-PFOA





Total PFOA





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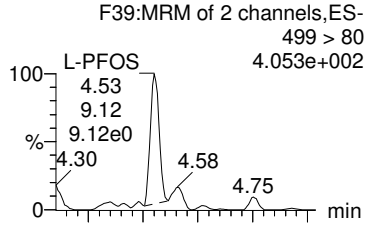

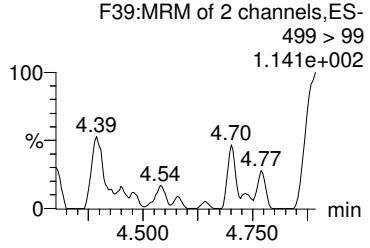

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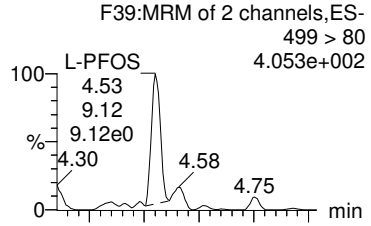

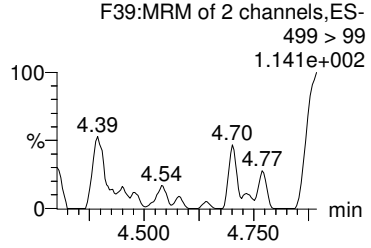

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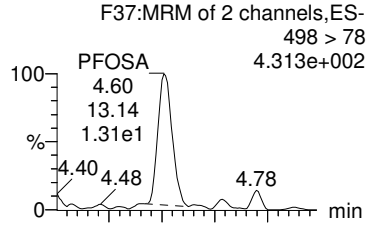

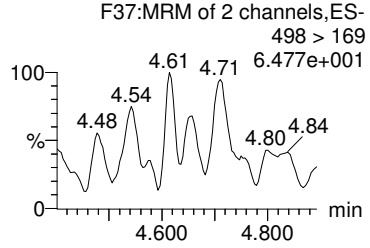

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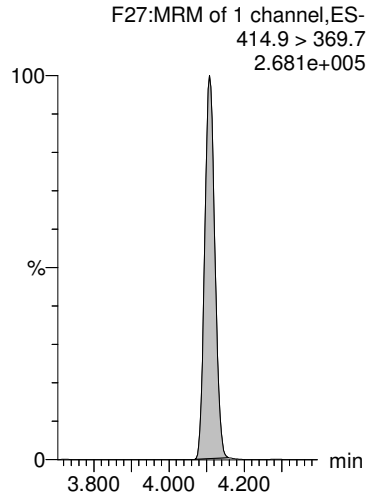

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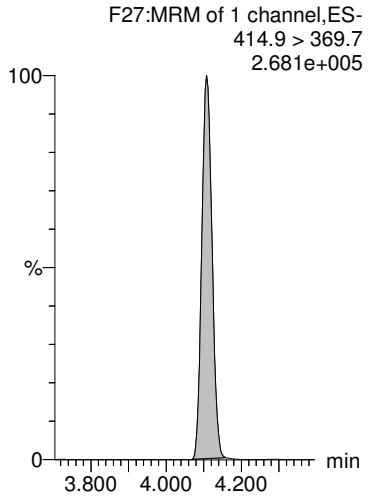
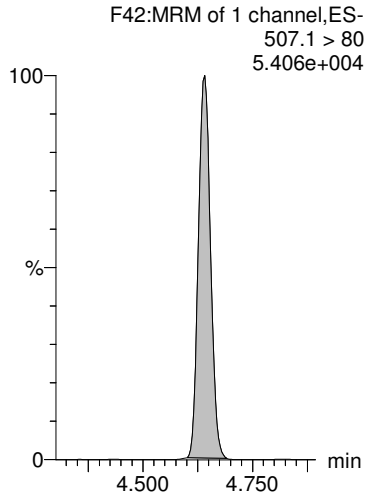


13C8-PFOS-EIS



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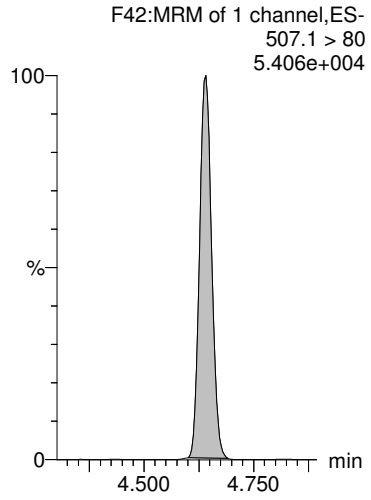

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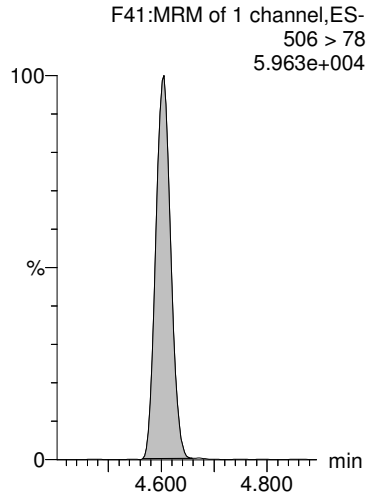

QRV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:17:18 Pacific Daylight Time

Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

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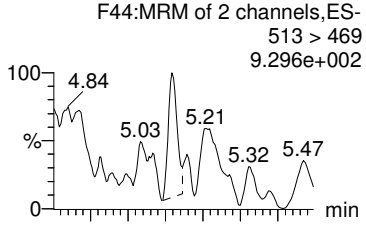

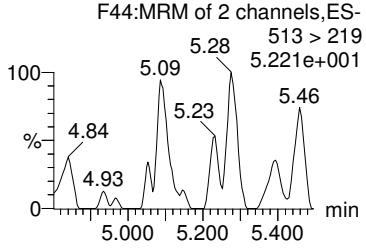

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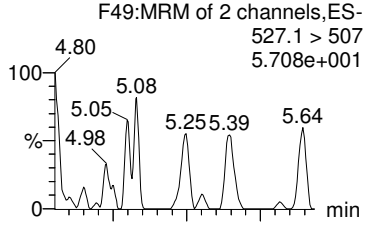

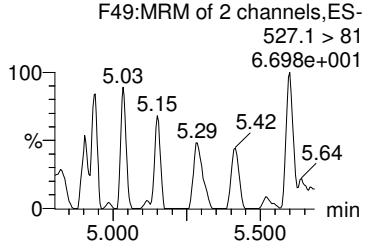

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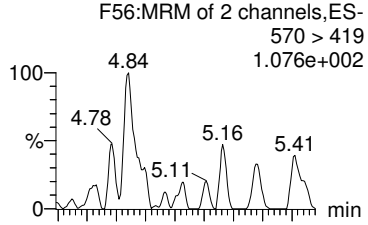

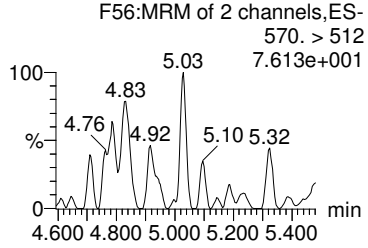

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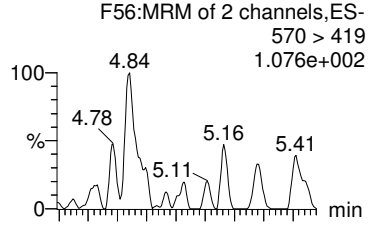
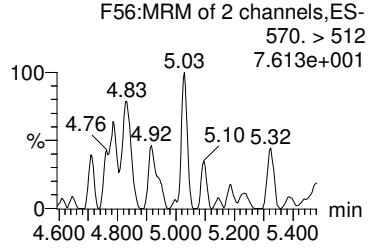
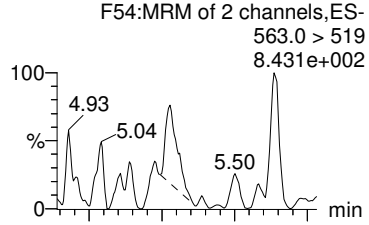
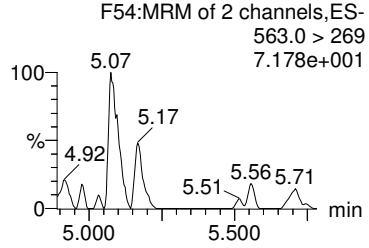




PFUdA





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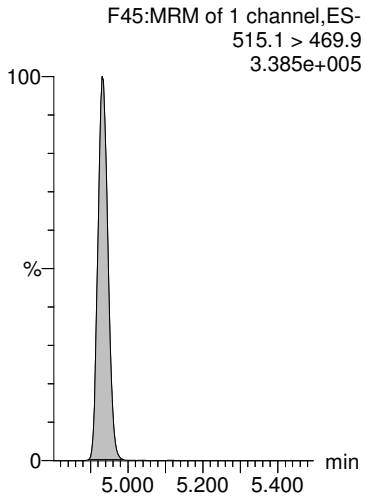

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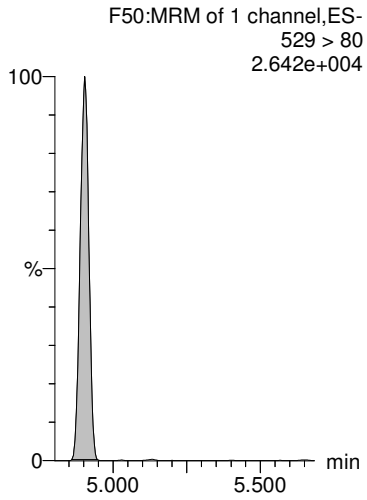

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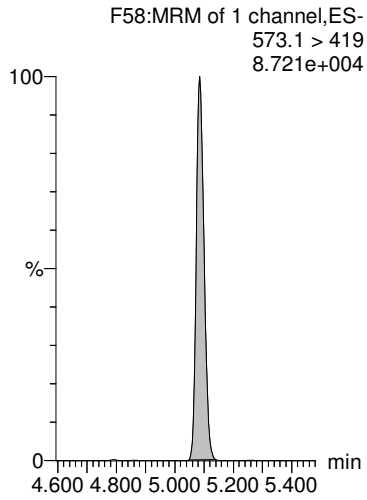

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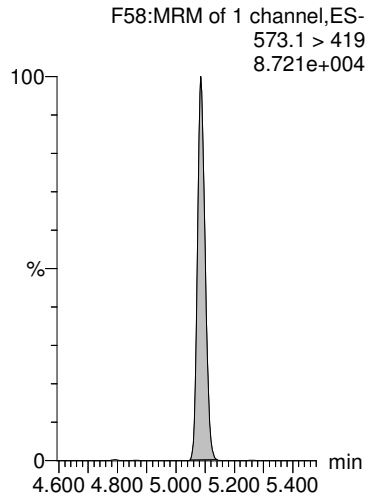

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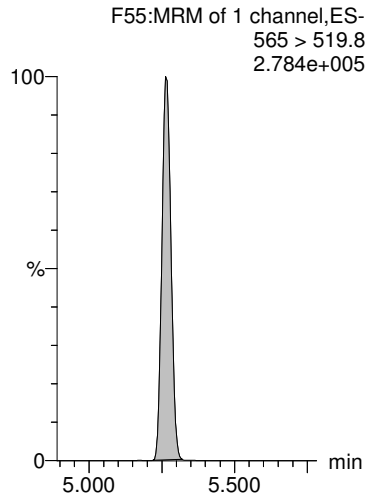

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

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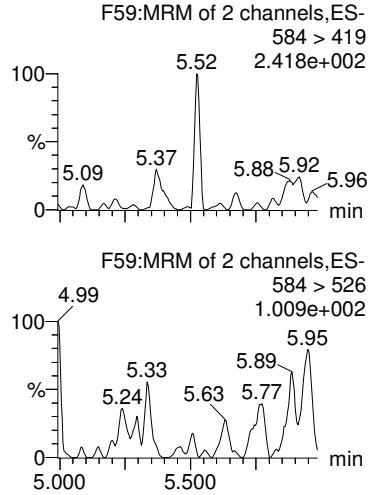

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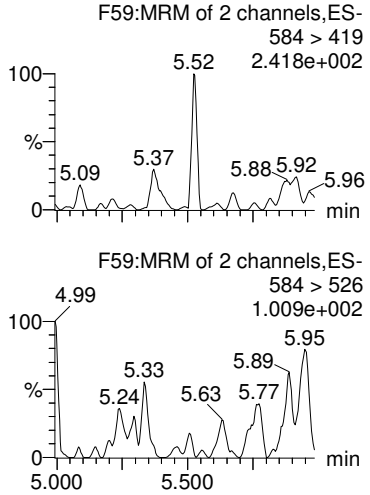

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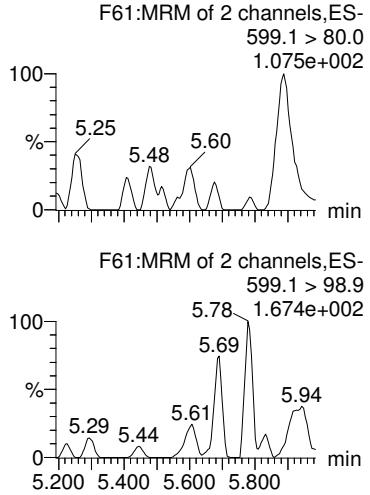

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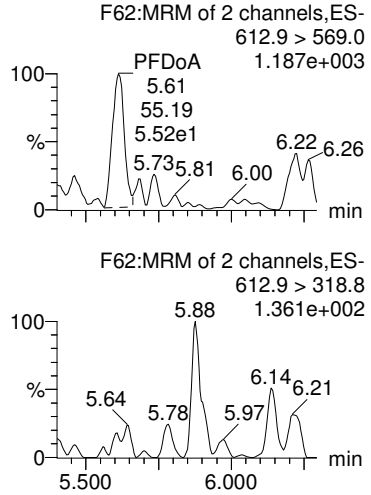

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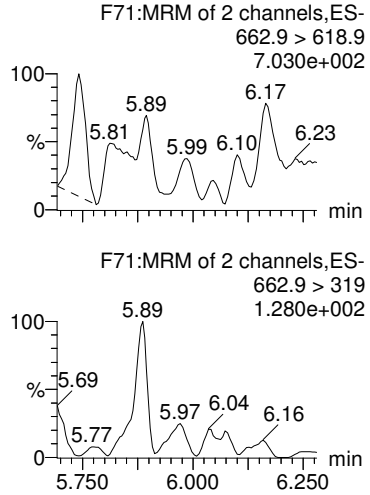

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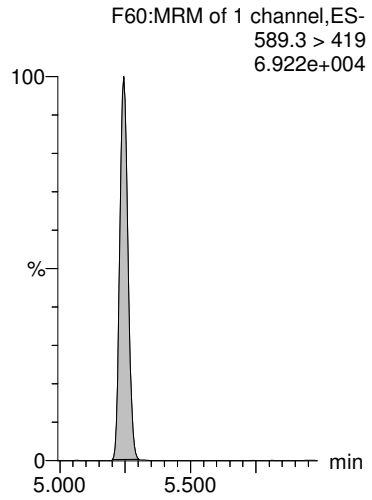

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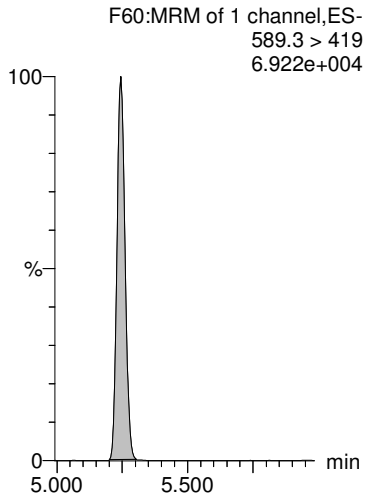

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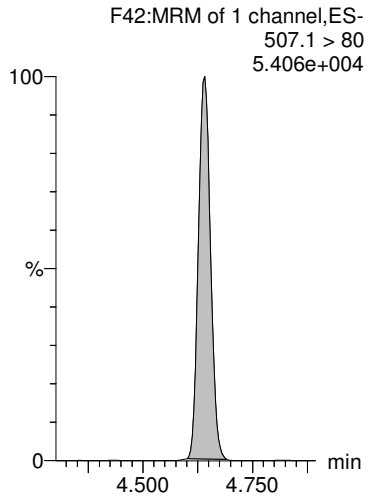

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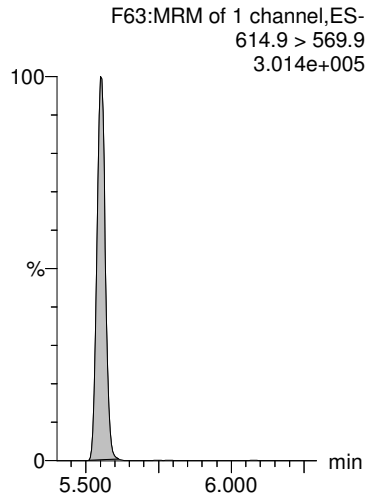

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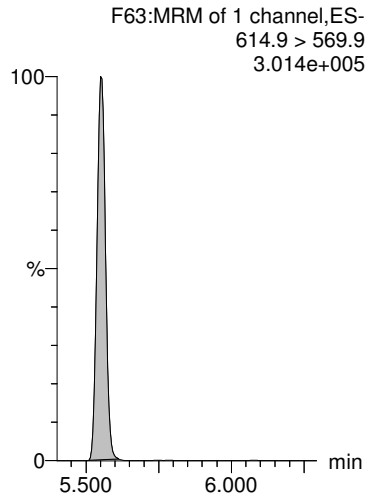

QPV 6/2/2020

Review: AMR 6/2/2020

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Name: 200527P1-48, Date: 27-May-2020, Time: 20:24:00, ID: 2001078-17 GW-GZ-109 0.11381, Description: GW-GZ-109

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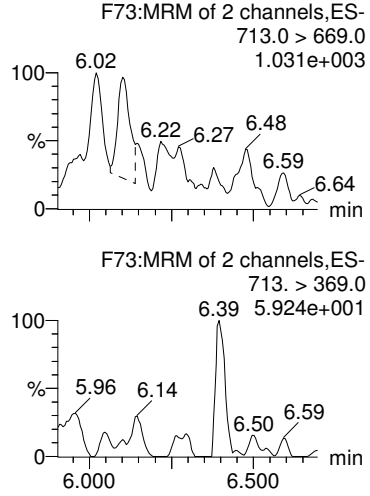

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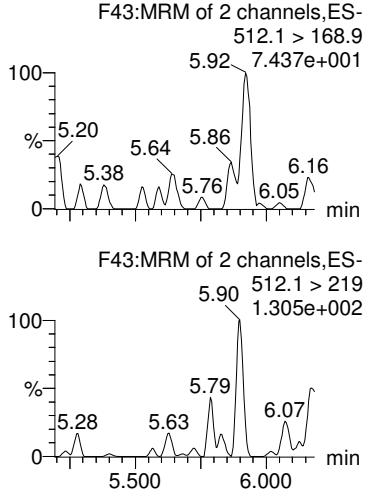

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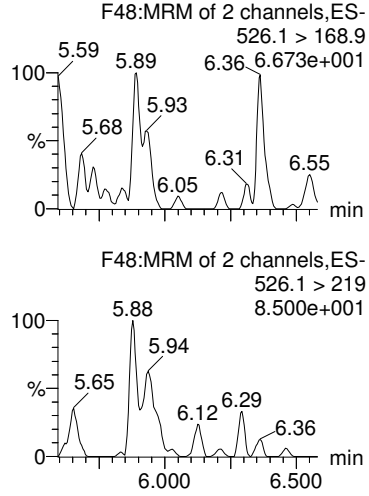

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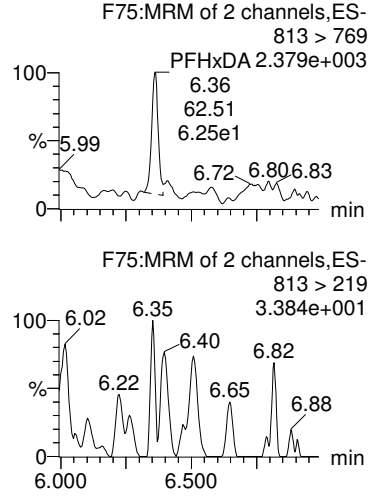
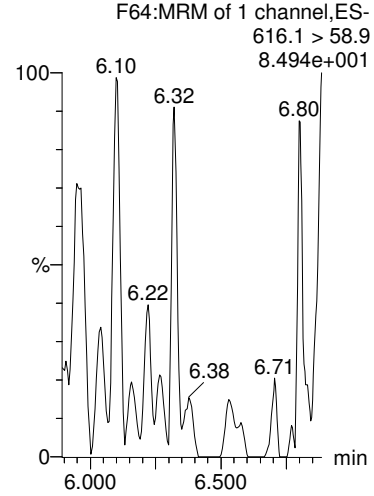


N-MeFOSE



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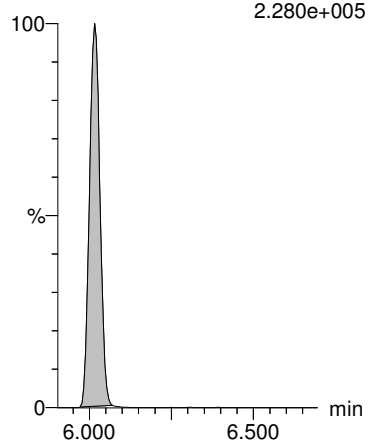

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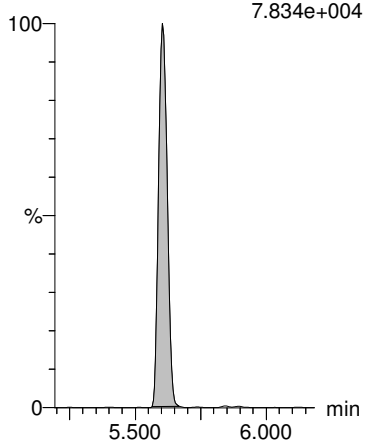

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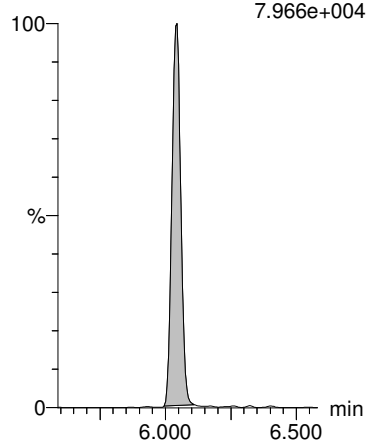

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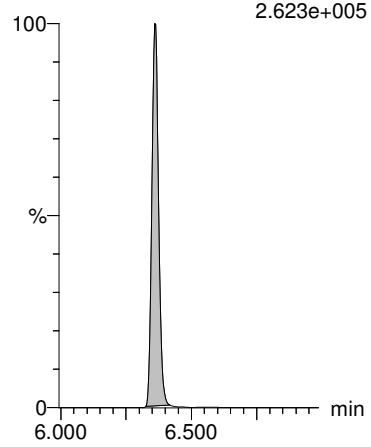

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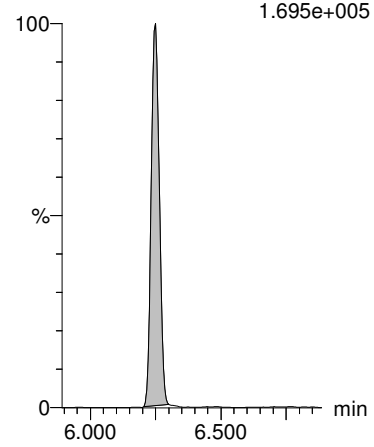

QRV 6/2/2020

Review: AMR 6/2/2020

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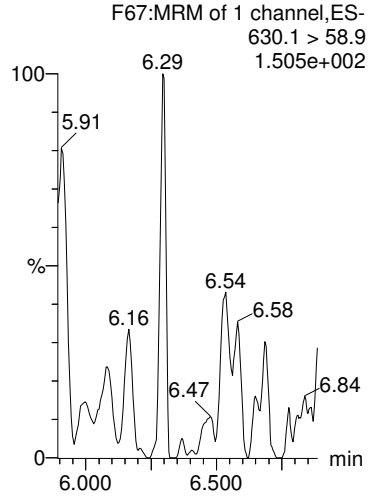
N-EtFOSE



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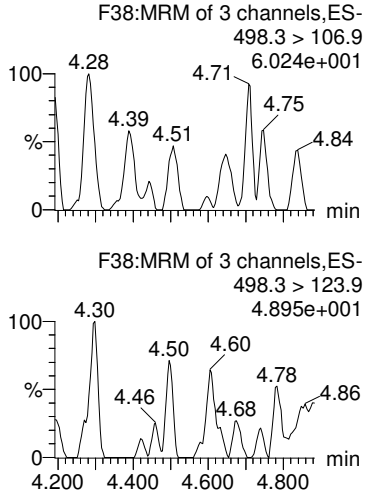

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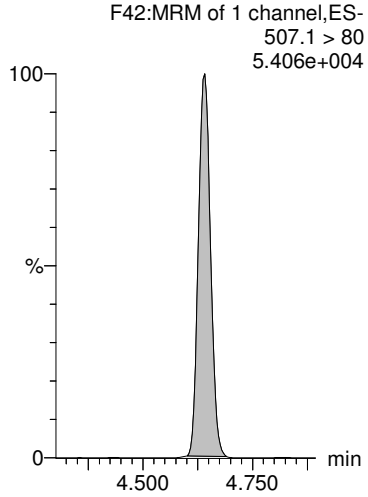
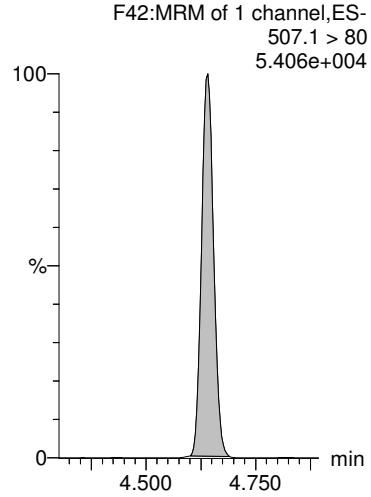


13C8-PFOS-EIS



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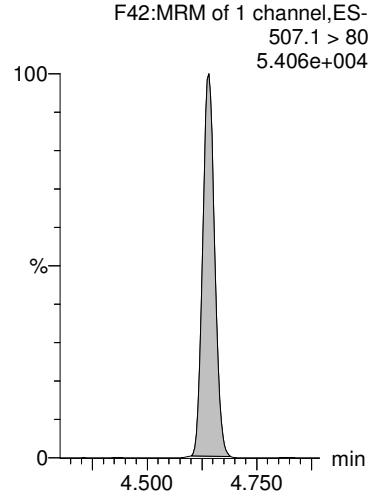

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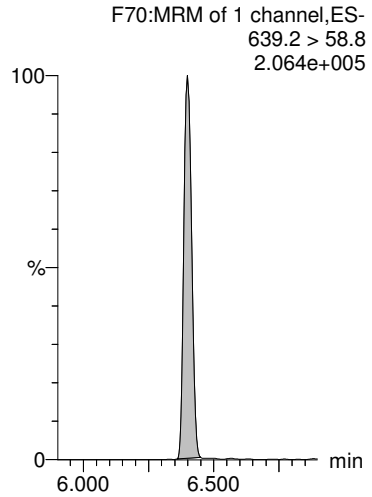

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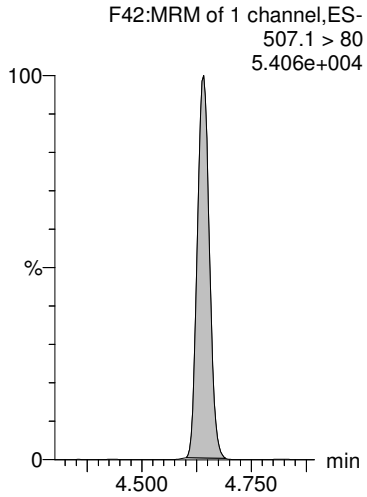

QRV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:18:15 Pacific Daylight Time

Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1.05e2	4.56e3	0.120		1.22	1.22	0.287	1.6788			
2	4	PFPeA	263.1 > 218.9	1.11e2	6.05e3	0.120		2.17	2.17	0.229	1.9637			
3	5	PFBS	299.0 > 80	3.43e1	8.29e2	0.120		2.45	2.45	0.516	1.6852		3.04	NO
4	7	PFHxA	313.0 > 269.0	1.91e2	7.72e3	0.120		2.98	2.98	0.309	2.0427		13.2	NO
5	11	PFHpA	363.0 > 319	1.04e2	7.22e3	0.120		3.60	3.59	0.180	0.9250		20.8	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	4.56e3		0.120	289.289	1.22	1.22	4560	131.0402	126.1		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.05e3		0.120	588.947	2.15	2.17	6050	85.4392	82.2		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.29e2		0.120	81.912	2.43	2.45	829	84.1397	81.0		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	7.72e3		0.120	849.096	3.15	2.98	7720	75.5912	72.7		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.22e3		0.120	724.419	3.58	3.60	7220	82.8049	79.7		
11	-1													
12	13	L-PFHxS	399 > 79.9		1.62e3	0.120		3.74						YES
13	1...	Total PFHxS	399 > 79.9	0.00e0	1.62e3	0.120		3.93		0.000				
14	15	6:2 FTS	427.0 > 407		9.33e2	0.120		4.06						YES
15	19	PFHpS	449.0 > 80		1.58e3	0.120		4.26						YES
16	21	PFNA	463.0 > 418.8		8.37e3	0.120		4.56						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.62e3		0.120	171.580	3.92	3.74	1620	78.5303	75.6		
18	61	13C3-PFHxS-EIS	402 > 80	1.62e3		0.120	171.580	3.92	3.74	1620	78.5303	75.6		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	9.33e2		0.120	92.769	4.50	4.06	933	83.5868	80.4		
20	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.37e3		0.120	827.265	4.74	4.56	8370	84.0922	80.9		
22	-1													
23	16	L-PFOA	413 > 369	4.73e2	8.12e3	0.120		4.11	4.11	0.729	5.0567		3.86	NO
24	1...	Total PFOA	413 > 369	4.73e2	8.12e3	0.120		4.60		0.729	5.0567			
25	23	L-PFOS	499 > 80	2.10e2	1.58e3	0.120		4.64	4.64	1.66	11.3675		3.64	YES
26	1...	Total PFOS	499> 80	2.10e2	1.58e3	0.120		4.60		1.66	11.3675			
27	22	PFOSA	498 > 78		1.51e3	0.120		4.61						YES
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.12e3		0.120	808.136	4.09	4.11	8120	83.5172	80.4		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.12e3		0.120	808.136	4.09	4.11	8120	83.5172	80.4		
30	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		
31	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		
32	67	13C8-PFOSA-EIS	506 > 78	1.51e3		0.120	257.965	4.59	4.61	1510	48.7416	46.9		
33	-1													
34	26	PFDA	513 > 469		9.53e3	0.120		4.93						YES
35	27	8:2 FTS	527.1 > 507		9.27e2	0.120		4.91						YES
36	29	L-MeFOSAA	570 > 419		2.28e3	0.120		5.09						YES

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.28e3	0.120		5.19		0.000				
38	33	PFUdA	563.0 > 519		8.69e3	0.120		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	9.53e3		0.120	1081.744	4.93	4.93	9530	73.2007	70.4		
40	75	13C2-8:2 FTS-EIS	529 > 80	9.27e2		0.120	90.113	4.90	4.91	927	85.5359	82.3		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.28e3		0.120	255.309	5.07	5.09	2280	74.2496	71.5		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.28e3		0.120	255.309	5.07	5.09	2280	74.2496	71.5		
43	79	13C2-PFUdA-EIS	565 > 519.8	8.69e3		0.120	985.591	5.01	5.26	8690	73.2713	70.5		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.43e3	0.120		5.25						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.43e3	0.120		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.58e3	0.120		5.26						YES
48	37	PFDoA	612.9 > 569.0		9.24e3	0.120		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.24e3	0.120		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.43e3		0.120	255.567	5.23	5.25	2430	78.9701	76.0		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.43e3		0.120	255.567	5.23	5.25	2430	78.9701	76.0		
52	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.24e3		0.120	1022.097	5.54	5.55	9240	75.1432	72.3		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.24e3		0.120	1022.097	5.54	5.55	9240	75.1432	72.3		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.22e3	0.120		6.02						YES
57	38	N-MeFOSA	512.1 > 168.9		1.85e3	0.120		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		2.21e3	0.120		6.02						YES
59	43	PFHxDA	813 > 769		9.25e3	0.120		6.36						YES
60	45	N-MeFOSE	616.1 > 58.9		5.91e3	0.120		6.25						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.22e3		0.120	1007.986	6.01	6.02	8220	67.8085	65.3		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.85e3		0.120	87.979	5.45	5.60	1850	175.0860	14.1		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.21e3		0.120	120.051	6.40	6.04	2210	153.0965	12.3		
64	93	13C2-PFHxDA-EIS	815 > 769.7	9.25e3		0.120	1310.023	6.36	6.36	9250	58.6712	56.5		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.91e3		0.120	100.447	6.25	6.25	5910	489.2335	39.4		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		6.30e3	0.120		6.40						
68	1...	TDCA	498.3>106.9			0.120		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		
70	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		
71	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.30e3		0.120	108.100	6.40	6.40	6300	484.3266	39.1		

QPV 6/2/2020

Review: AMR 6/2/2020

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Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.58e3		0.120	167.288	4.76	4.64	1580	78.6306	75.7		

QPV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

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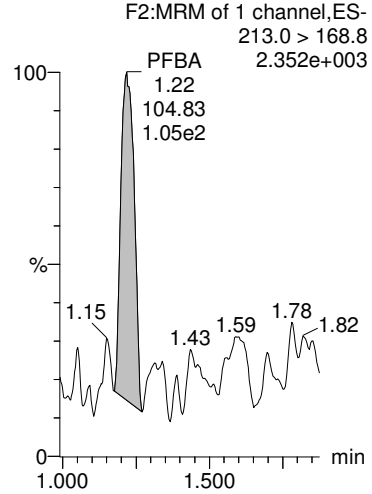

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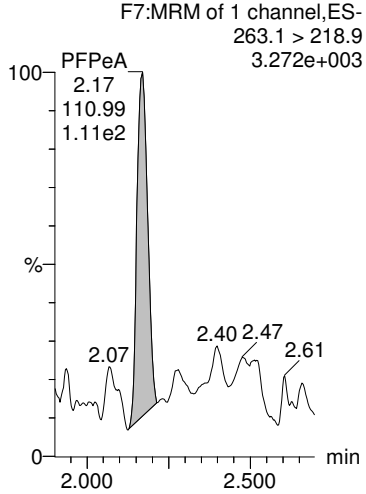

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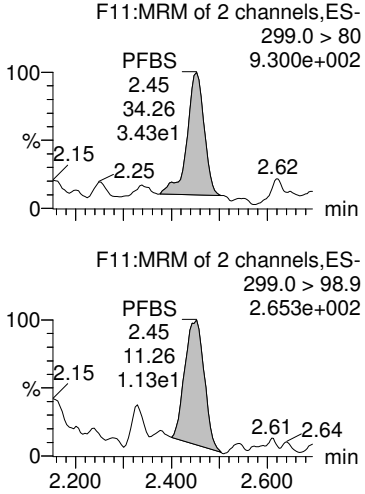

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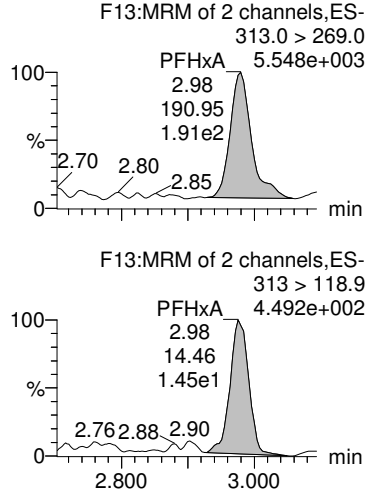

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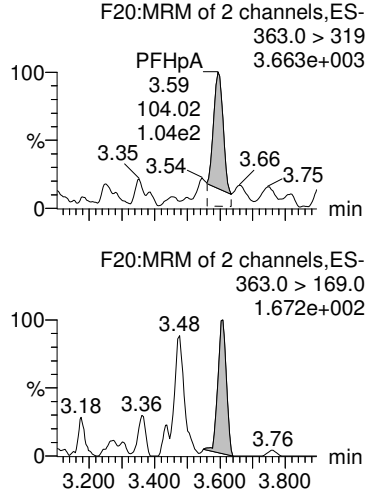

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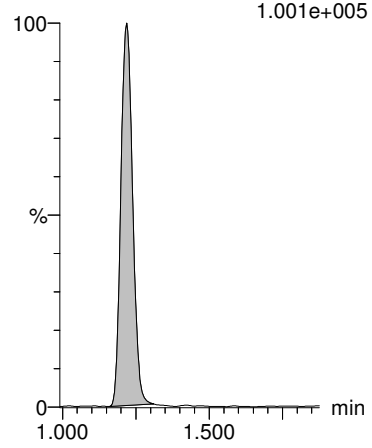

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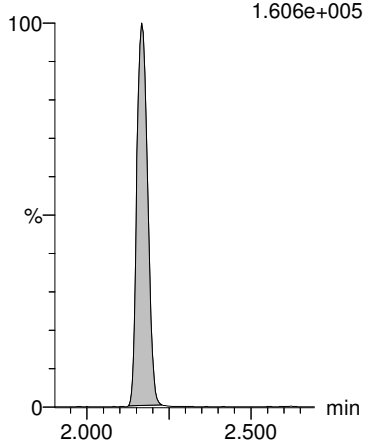

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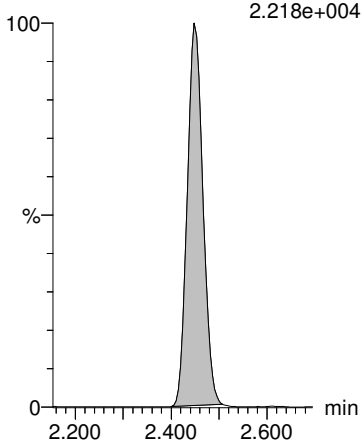

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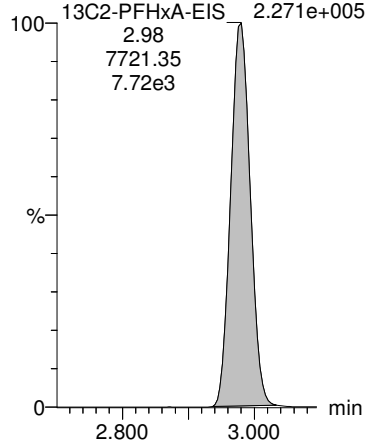

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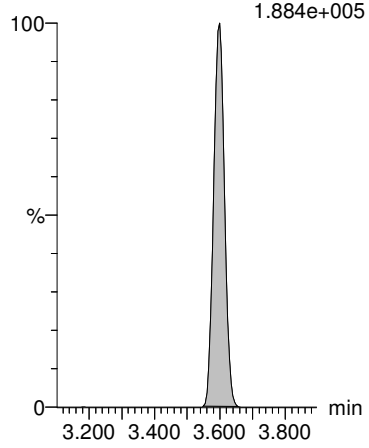

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
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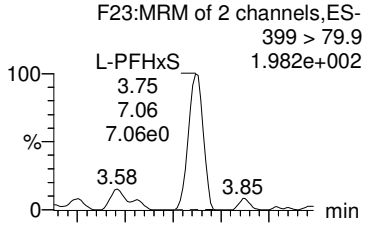
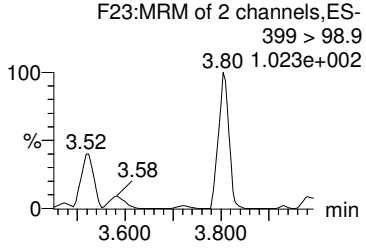
Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

L-PFHxS





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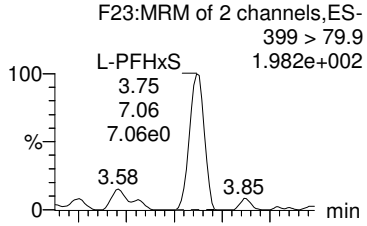
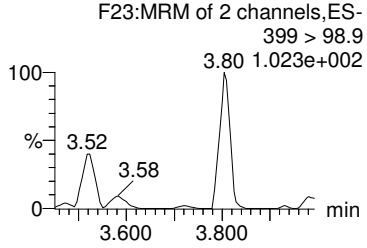
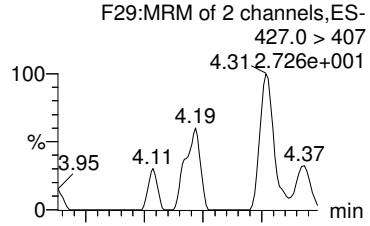
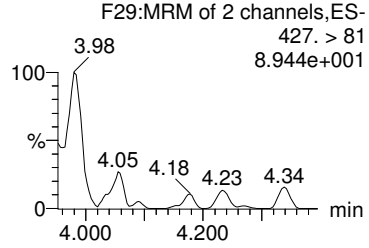




6:2 FTS





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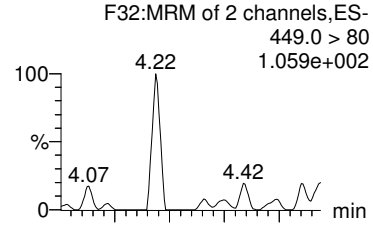

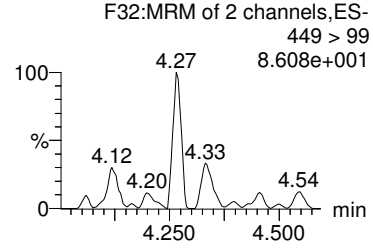

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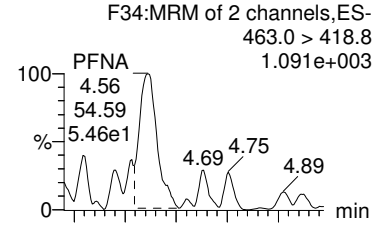

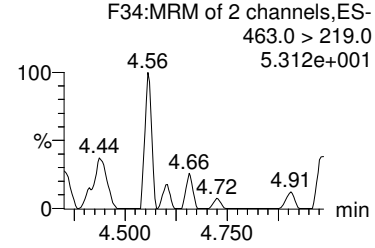

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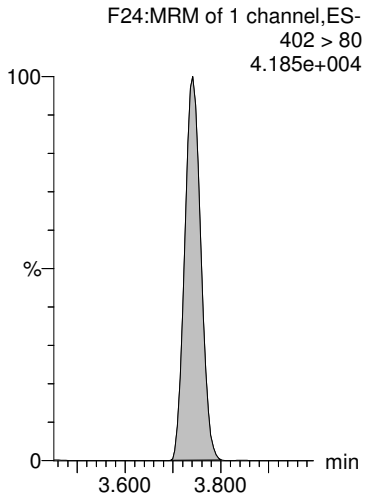

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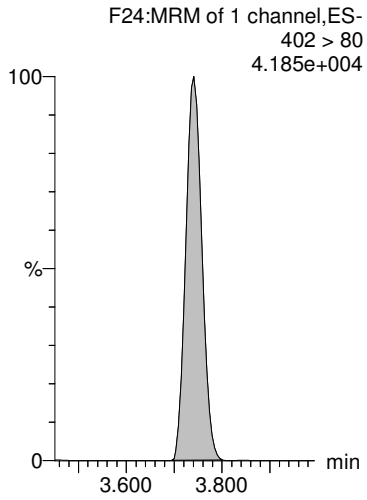
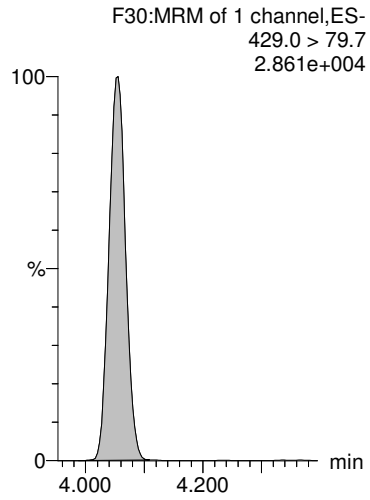


13C2-6:2 FTS-EIS



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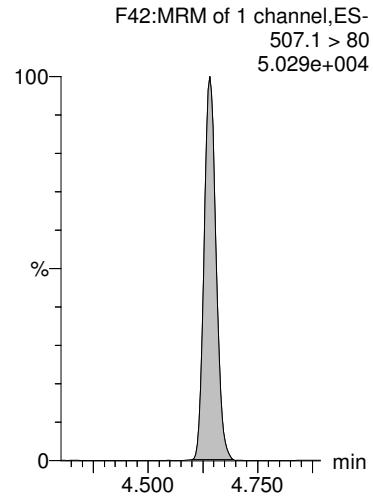

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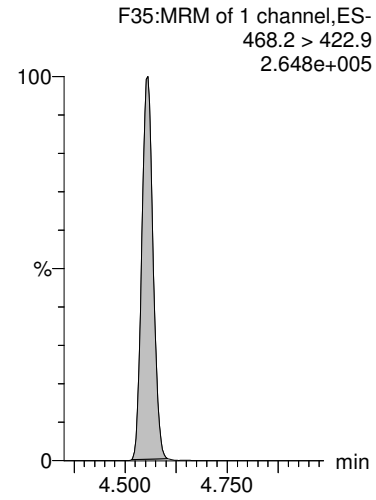


QRV 6/2/2020

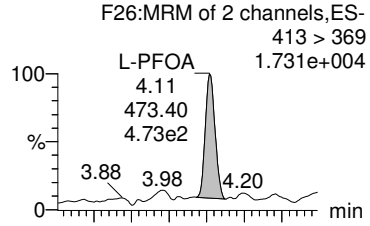
Review: AMR 6/2/2020

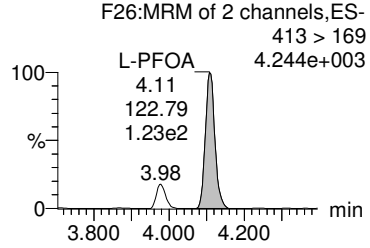
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:18:15 Pacific Daylight Time

Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

L-PFOA





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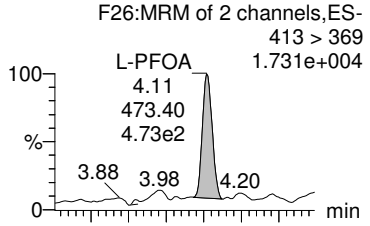
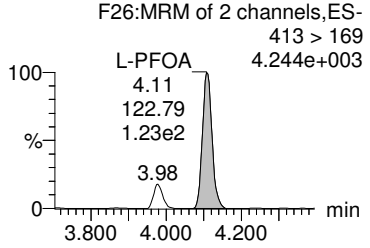
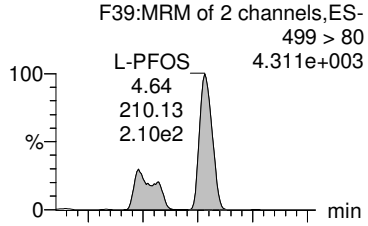
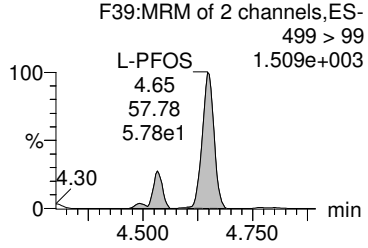




L-PFOS





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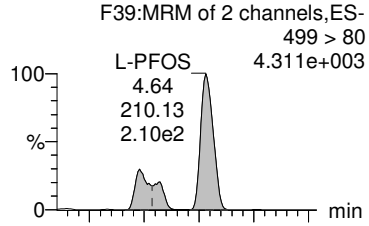

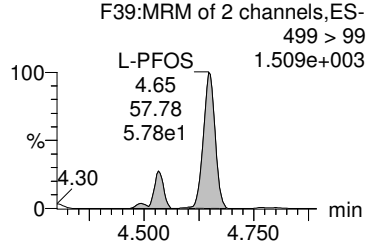

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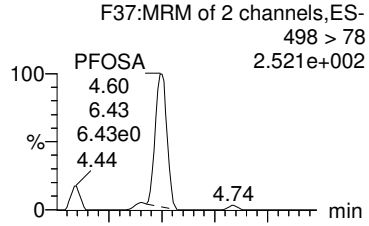

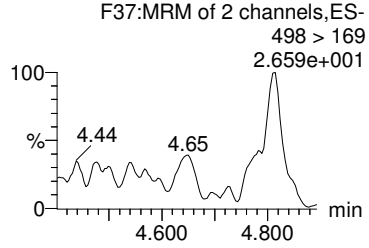

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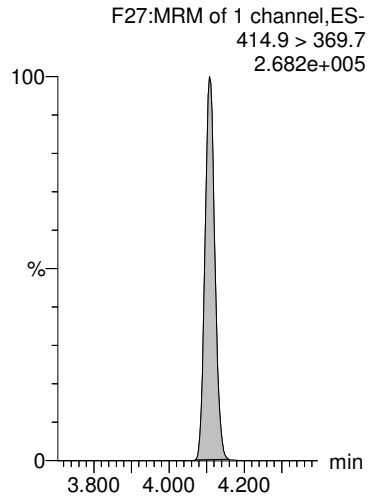

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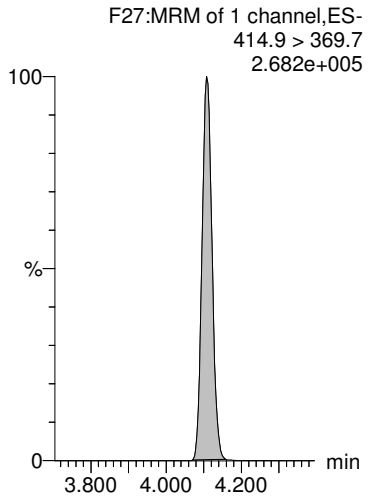

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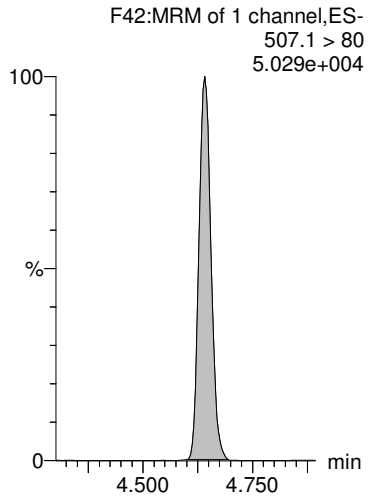

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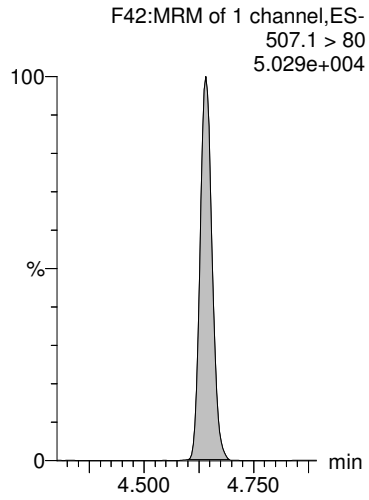

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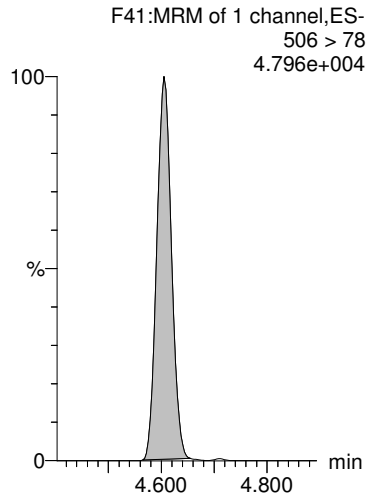

QRV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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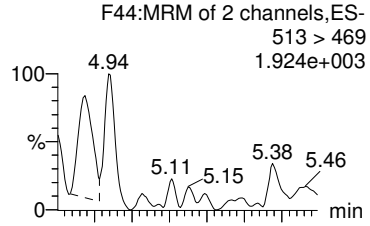
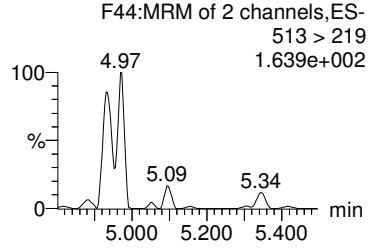
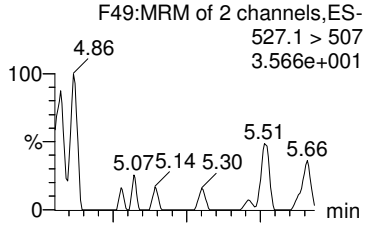
Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

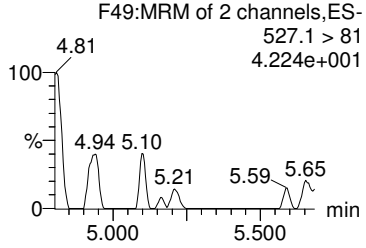
PFDA



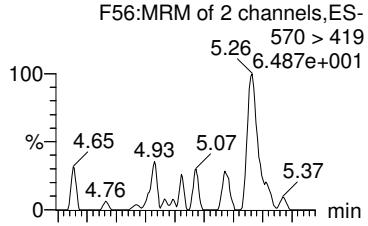


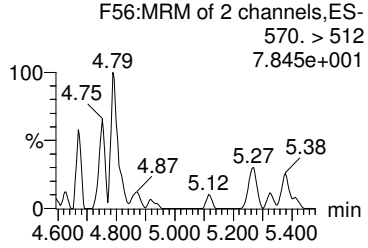
8:2 FTS





L-MeFOSAA





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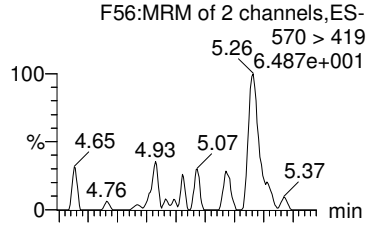

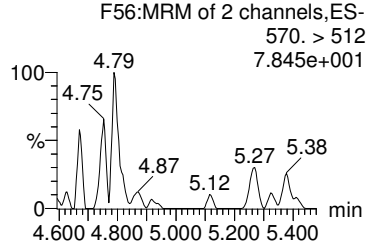

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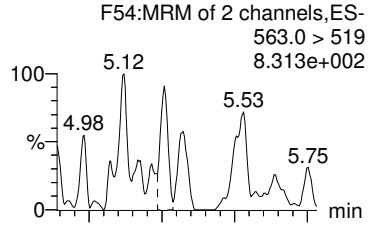

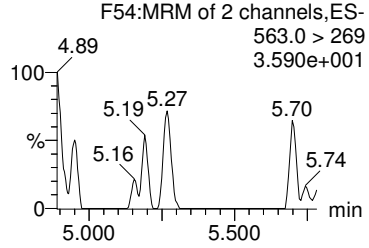

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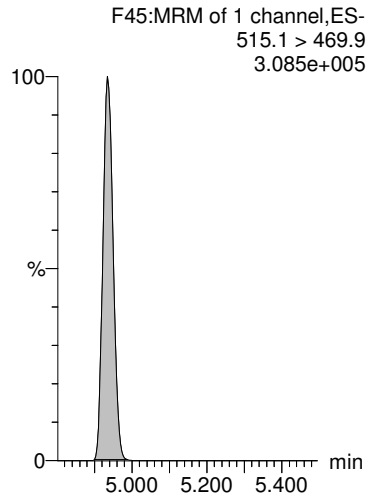

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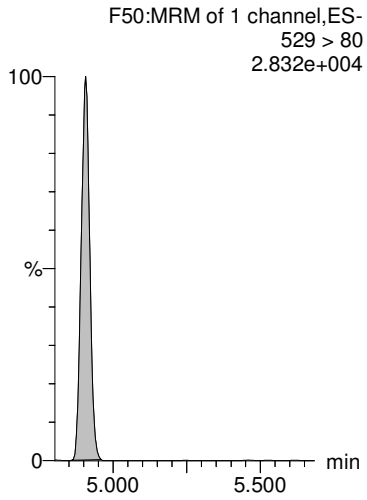

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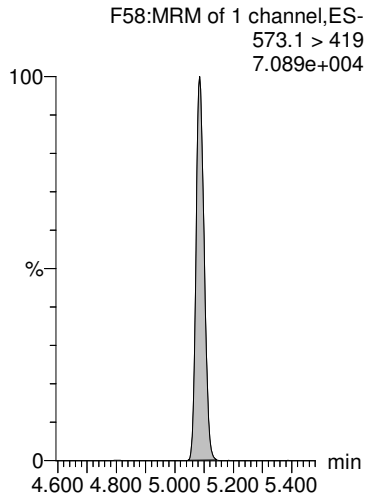

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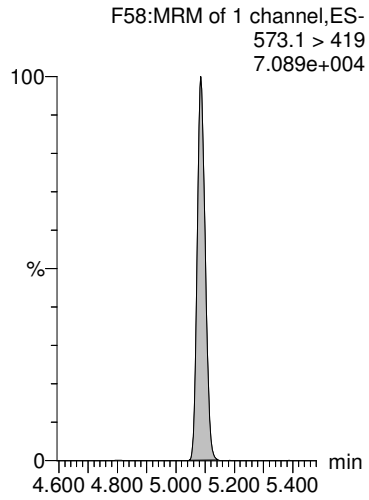

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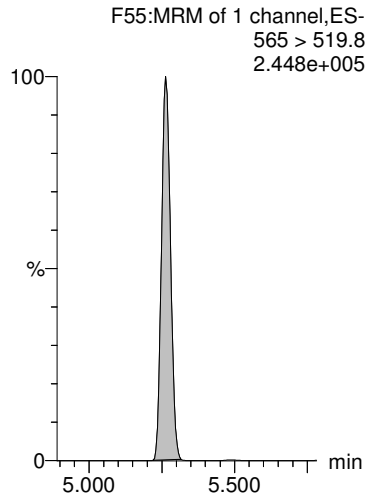

QPV 6/2/2020

Review: AMR 6/2/2020

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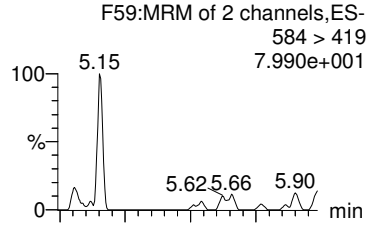
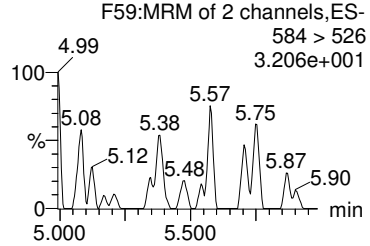
Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

L-EtFOSAA





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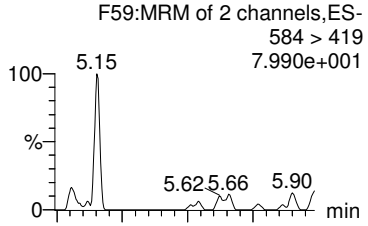

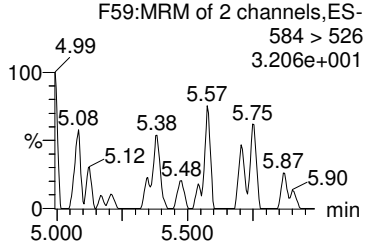

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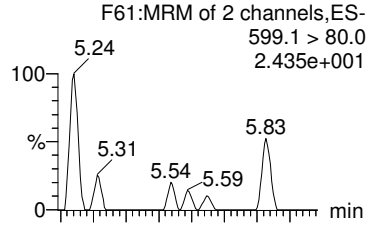

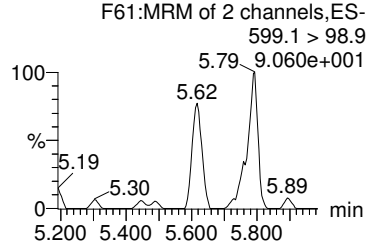

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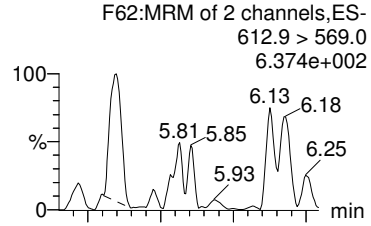

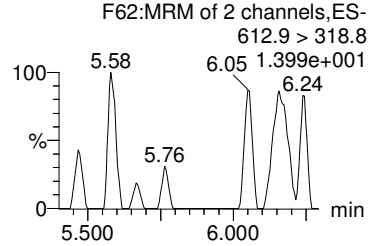

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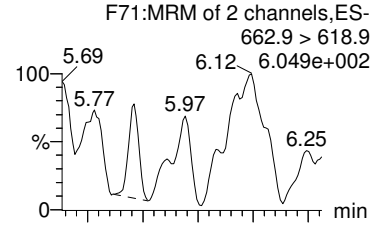

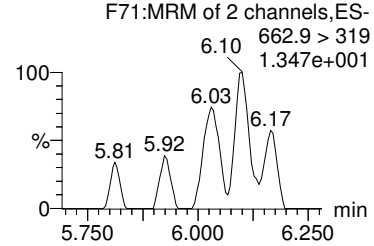

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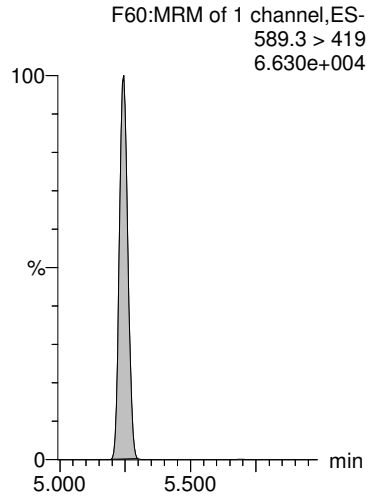

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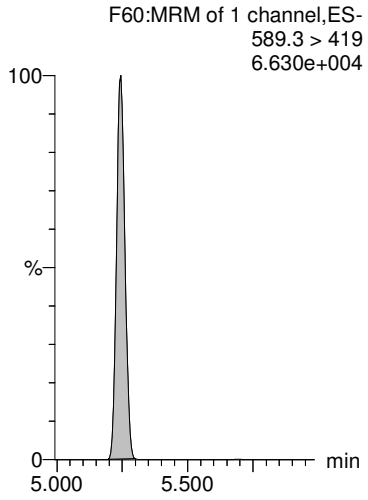

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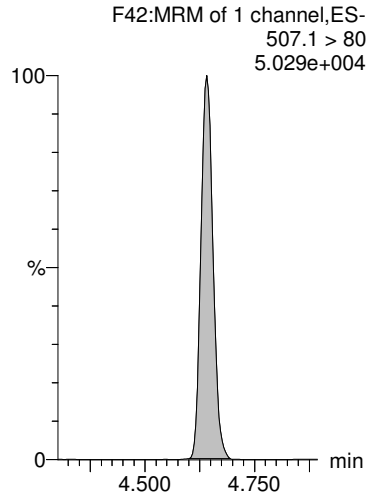

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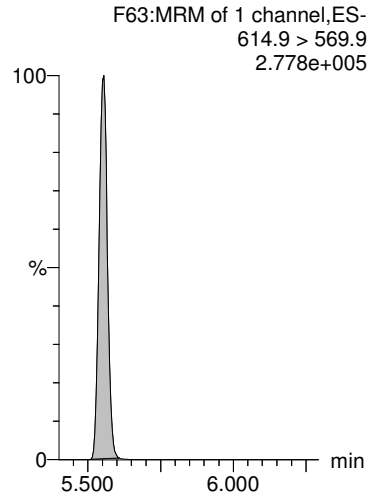

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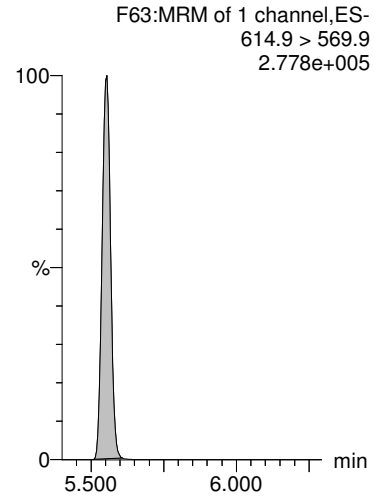

QPV 6/2/2020

Review: AMR 6/2/2020

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Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

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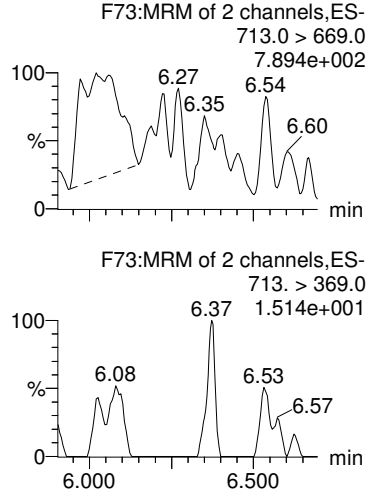
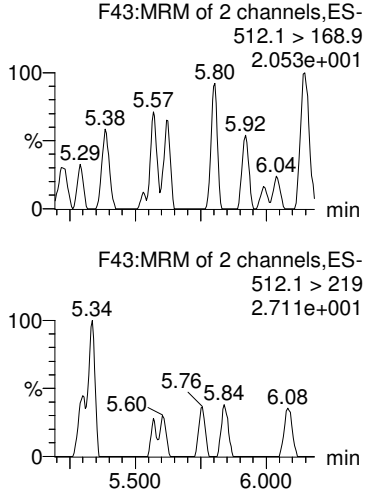
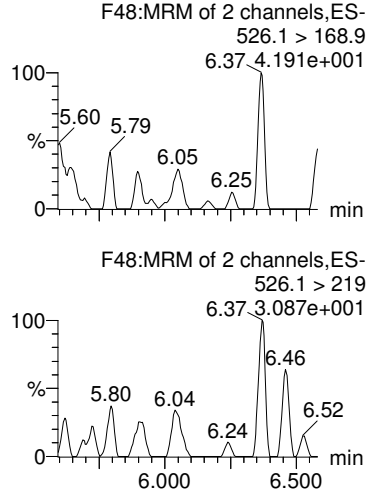


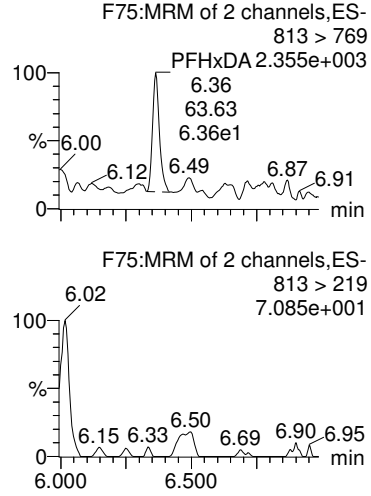
N-MeFOSA



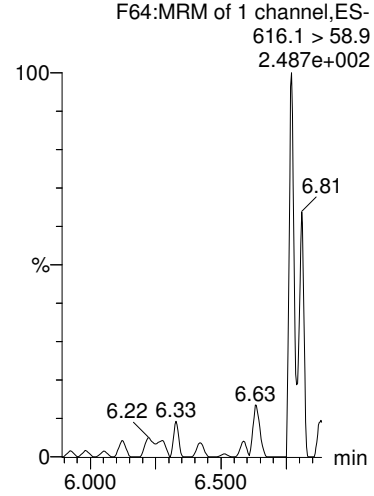
N-EtFOSA



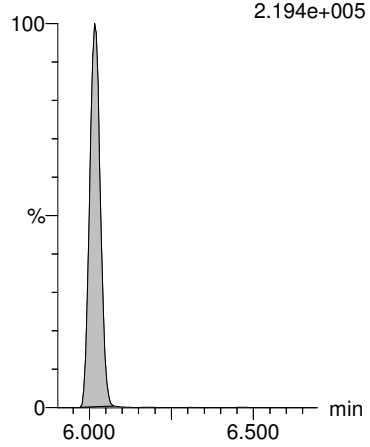
PFHxDA



N-MeFOSE



13C2-PFTeDA-EIS



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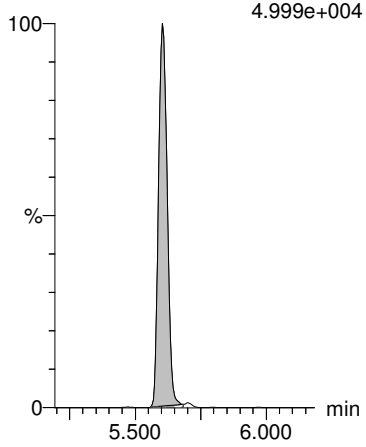

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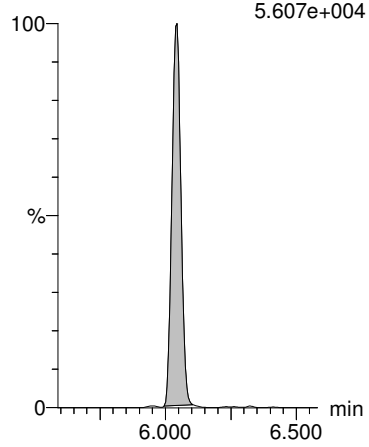

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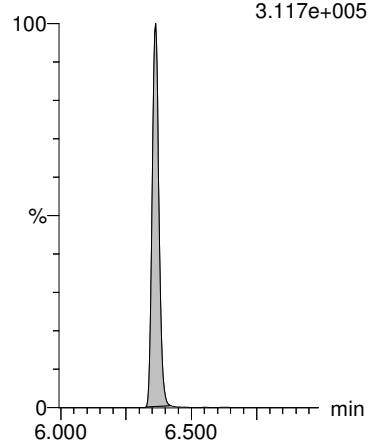

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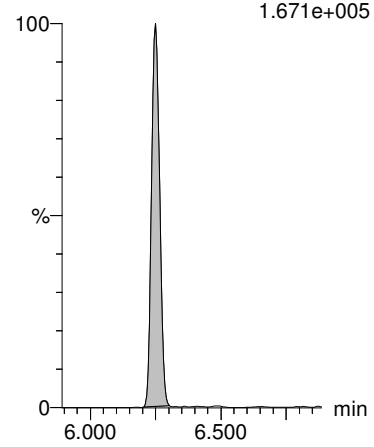

QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:18:15 Pacific Daylight Time

Name: 200527P1-49, Date: 27-May-2020, Time: 20:34:28, ID: 2001078-18 GW-GZ-117 0.1203, Description: GW-GZ-117

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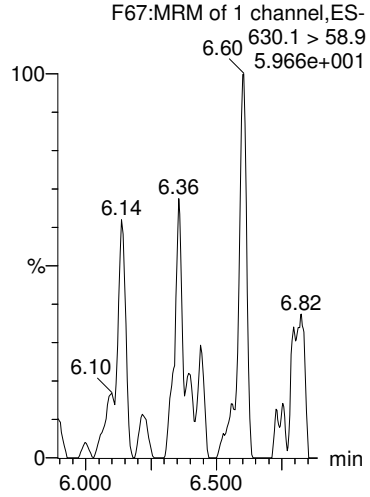
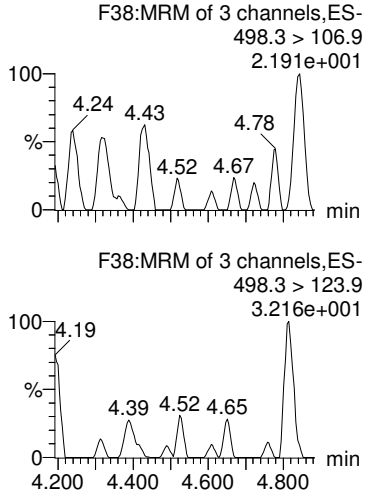


TDCA



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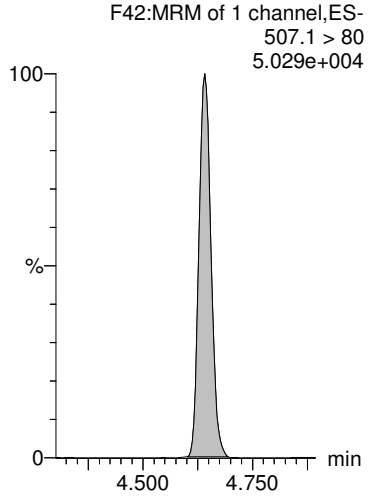
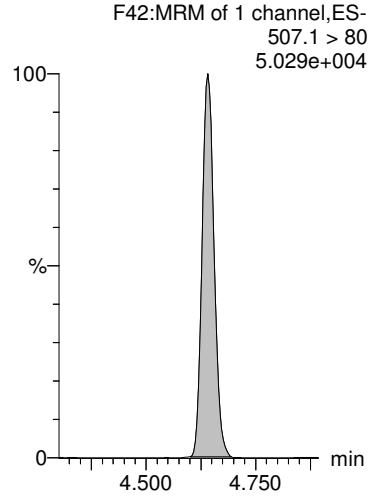
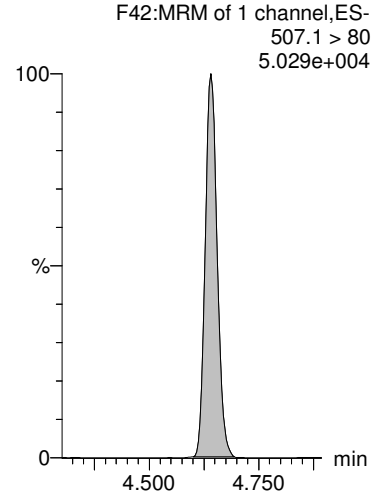


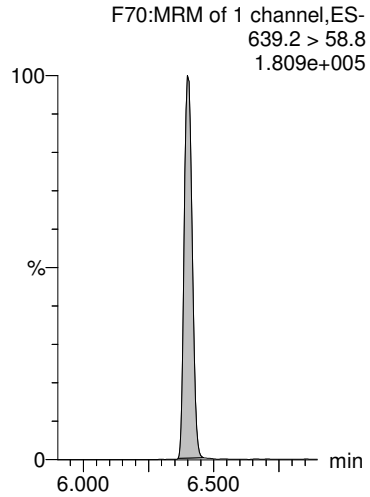
13C8-PFOS-EIS



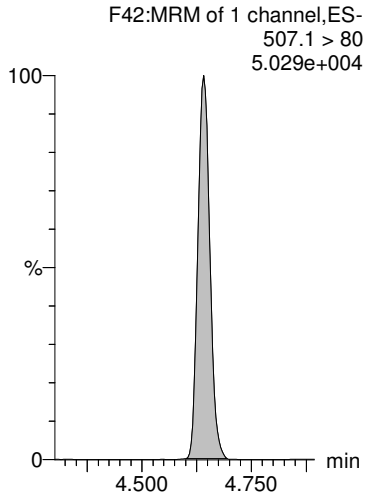
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QRV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:19:01 Pacific Daylight Time

Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	2.43e2	3.88e3	0.117		1.21	1.21	0.784	5.9992			
2	4	PFPeA	263.1 > 218.9	4.87e2	6.06e3	0.117		2.17	2.17	1.01	9.6531			
3	5	PFBS	299.0 > 80	8.58e1	8.18e2	0.117		2.45	2.45	1.31	4.5704		1.83	YES
4	7	PFHxA	313.0 > 269.0	1.92e3	8.19e3	0.117		2.98	2.98	2.94	25.5575		15.5	NO
5	11	PFHpA	363.0 > 319	1.79e3	7.66e3	0.117		3.60	3.60	2.91	20.0344		71.7	NO
6	47	13C3-PFBA-EIS	216.1 > 171.8	3.88e3		0.117	289.289	1.22	1.21	3880	114.3972	107.3		
7	49	13C3-PFPeA-EIS	266.0 > 221.8	6.06e3		0.117	588.947	2.15	2.17	6060	87.7199	82.3		
8	51	13C3-PFBS-EIS	302.0 > 98.9	8.18e2		0.117	81.912	2.43	2.45	818	85.1387	79.9		
9	57	13C2-PFHxA-EIS	315.0 > 270.0	8.19e3		0.117	849.096	3.15	2.98	8190	82.2868	77.2		
10	59	13C4-PFHpA-EIS	367.2 > 321.8	7.66e3		0.117	724.419	3.58	3.60	7660	90.1872	84.6		
11	-1													
12	13	L-PFHxS	399 > 79.9	2.39e2	1.67e3	0.117		3.74	3.74	1.79	14.2601		5.35	NO
13	1...	Total PFHxS	399 > 79.9	2.39e2	1.67e3	0.117		3.93		1.79	14.2601			
14	15	6:2 FTS	427.0 > 407		1.05e3	0.117		4.05						YES
15	19	PFHpS	449.0 > 80		1.71e3	0.117		4.25						YES
16	21	PFNA	463.0 > 418.8		8.50e3	0.117		4.55						YES
17	61	13C3-PFHxS-EIS	402 > 80	1.67e3		0.117	171.580	3.92	3.74	1670	83.1224	78.0		
18	61	13C3-PFHxS-EIS	402 > 80	1.67e3		0.117	171.580	3.92	3.74	1670	83.1224	78.0		
19	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.05e3		0.117	92.769	4.50	4.05	1050	96.7085	90.7		
20	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		
21	65	13C5-PFNA-EIS	468.2 > 422.9	8.50e3		0.117	827.265	4.74	4.55	8500	87.6259	82.2		
22	-1													
23	16	L-PFOA	413 > 369	5.69e3	8.16e3	0.117		4.10	4.10	8.72	67.7807		3.03	NO
24	1...	Total PFOA	413 > 369	5.69e3	8.16e3	0.117		4.60		8.72	67.7807			
25	23	L-PFOS	499 > 80	3.01e2	1.71e3	0.117		4.63	4.64	2.20	15.4194		3.77	YES
26	1...	Total PFOS	499> 80	3.01e2	1.71e3	0.117		4.60		2.20	15.4194			
27	22	PFOSA	498 > 78	1.05e2	1.68e3	0.117		4.60	4.60	0.777	9.9442		19.6	NO
28	69	13C2-PFOA-EIS	414.9 > 369.7	8.16e3		0.117	808.136	4.09	4.10	8160	86.0753	80.8		
29	69	13C2-PFOA-EIS	414.9 > 369.7	8.16e3		0.117	808.136	4.09	4.10	8160	86.0753	80.8		
30	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		
31	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		
32	67	13C8-PFOSA-EIS	506 > 78	1.68e3		0.117	257.965	4.59	4.60	1680	55.6747	52.2		
33	-1													
34	26	PFDA	513 > 469		1.00e4	0.117		4.93						YES
35	27	8:2 FTS	527.1 > 507		8.36e2	0.117		4.90						YES
36	29	L-MeFOSAA	570 > 419		2.50e3	0.117		5.08						YES

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Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:19:01 Pacific Daylight Time

Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1...	Total N-MeFOSAA	570. > 419	0.00e0	2.50e3	0.117		5.19		0.000				
38	33	PFUdA	563.0 > 519		9.16e3	0.117		5.26						YES
39	73	13C2-PFDA-EIS	515.1 > 469.9	1.00e4		0.117	1081.744	4.93	4.93	10000	78.7937	73.9		
40	75	13C2-8:2 FTS-EIS	529 > 80	8.36e2		0.117	90.113	4.90	4.90	836	79.0565	74.2		
41	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.50e3		0.117	255.309	5.07	5.08	2500	83.4688	78.3		
42	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.50e3		0.117	255.309	5.07	5.08	2500	83.4688	78.3		
43	79	13C2-PFUdA-EIS	565 > 519.8	9.16e3		0.117	985.591	5.01	5.26	9160	79.2042	74.3		
44	-1													
45	31	L-EtFOSAA	584 > 419		2.48e3	0.117		5.24						YES
46	1...	Total N-EtFOSAA	584 > 419	0.00e0	2.48e3	0.117		5.37		0.000				
47	34	PFDS	599.1 > 80.0		1.71e3	0.117		5.25						YES
48	37	PFDoA	612.9 > 569.0		9.92e3	0.117		5.55						YES
49	39	PFTrDA	662.9 > 618.9		9.92e3	0.117		5.80						YES
50	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.48e3		0.117	255.567	5.23	5.24	2480	82.7114	77.6		
51	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.48e3		0.117	255.567	5.23	5.24	2480	82.7114	77.6		
52	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		
53	83	13C2-PFDoA-EIS	614.9 > 569.9	9.92e3		0.117	1022.097	5.54	5.55	9920	82.7748	77.7		
54	83	13C2-PFDoA-EIS	614.9 > 569.9	9.92e3		0.117	1022.097	5.54	5.55	9920	82.7748	77.7		
55	-1													
56	41	PFTeDA	713.0 > 669.0		8.55e3	0.117		6.03						YES
57	38	N-MeFOSA	512.1 > 168.9		3.85e3	0.117		5.59						YES
58	42	N-EtFOSA	526.1 > 168.9		5.22e3	0.117		6.03						YES
59	43	PFHxDA	813 > 769		8.70e3	0.117		6.37						YES
60	45	N-MeFOSE	616.1 > 58.9		6.72e3	0.117		6.26						
61	89	13C2-PFTeDA-EIS	715.1 > 669.7	8.55e3		0.117	1007.986	6.01	6.03	8550	72.3411	67.9		
62	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.85e3		0.117	87.979	5.45	5.60	3850	372.6857	29.3		
63	91	d5-N-ETFOSA-EIS	531.1 > 168.9	5.22e3		0.117	120.051	6.40	6.05	5220	370.4813	29.1		
64	93	13C2-PFHxDA-EIS	815 > 769.7	8.70e3		0.117	1310.023	6.36	6.37	8700	56.6208	53.1		
65	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.72e3		0.117	100.447	6.25	6.26	6720	570.3839	44.8		
66	-1													
67	46	N-EtFOSE	630.1 > 58.9		8.16e3	0.117		6.41						
68	1...	TDCA	498.3>106.9			0.117		4.73						YES
69	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		
70	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		
71	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		
72	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8.16e3		0.117	108.100	6.40	6.41	8160	643.5463	50.6		

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Vista Analytical Laboratory L26

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:19:01 Pacific Daylight Time

Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	71	13C8-PFOS-EIS	507.1 > 80	1.71e3		0.117	167.288	4.76	4.63	1710	87.1861	81.8		

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Vista Analytical Laboratory L26

Review: AMR 6/2/2020

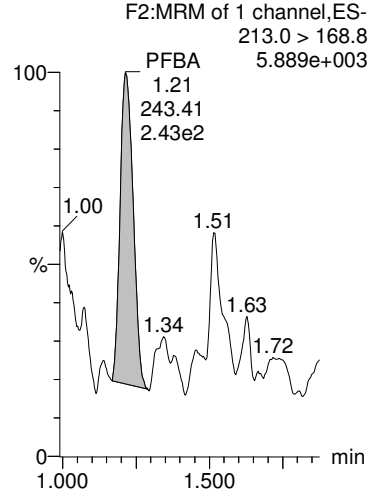
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:19:01 Pacific Daylight Time

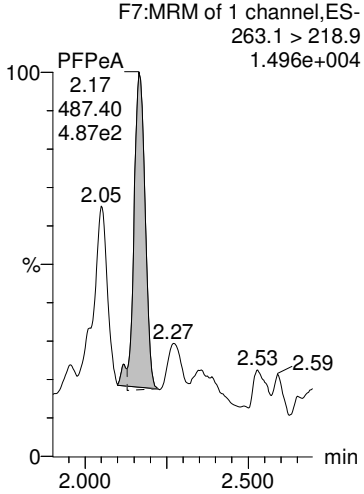
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

PFBA



PFPeA



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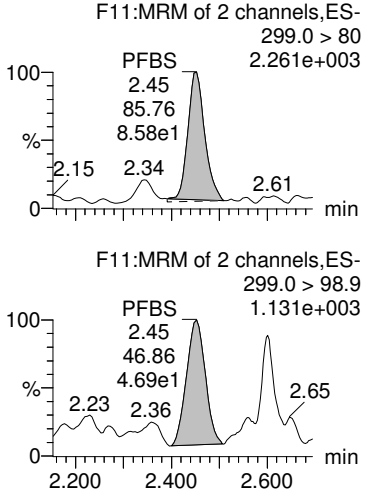
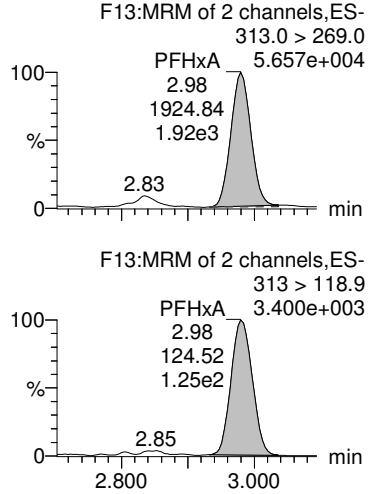
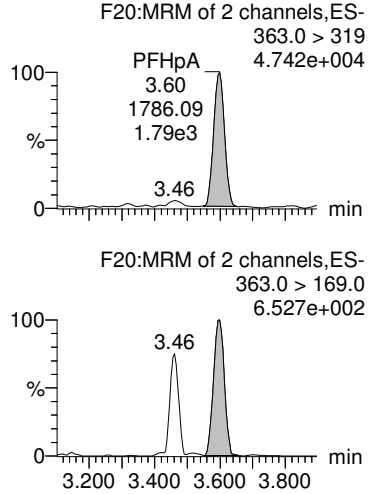


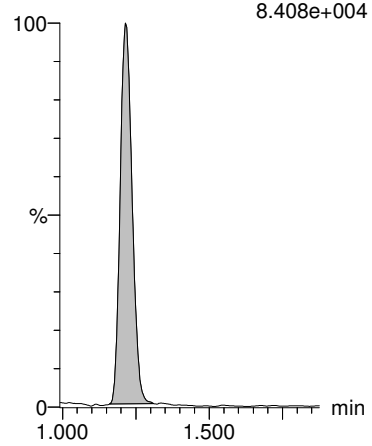
PFHxA



PFHpA



13C3-PFBA-EIS



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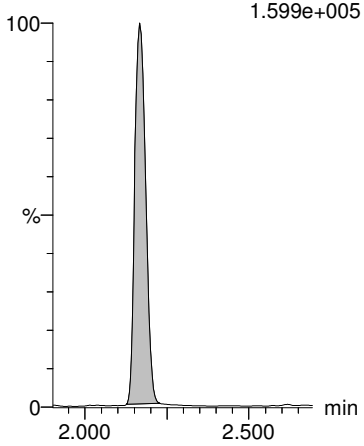

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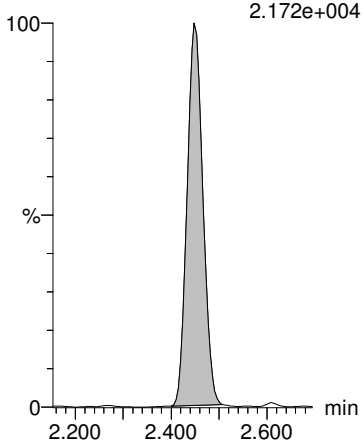
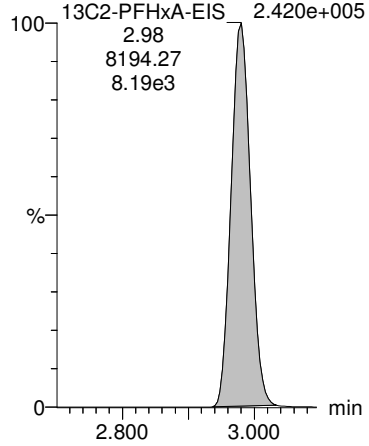
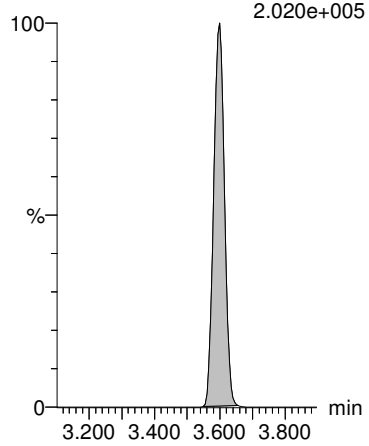


13C2-PFHxA-EIS



13C4-PFHpA-EIS



QPV 6/2/2020

Review: AMR 6/2/2020

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Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

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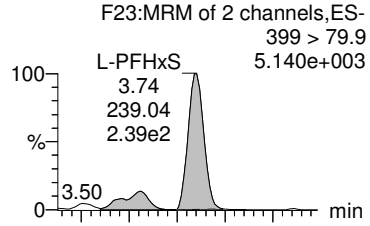

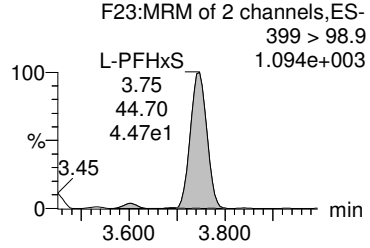

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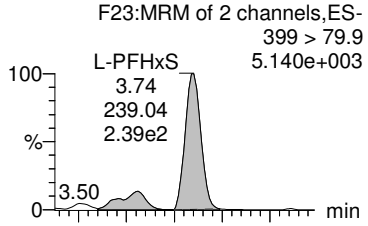
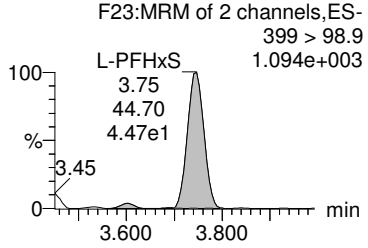
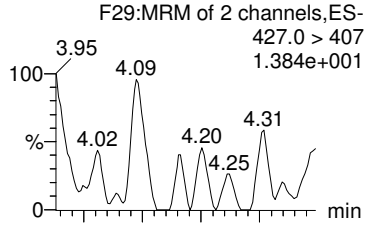
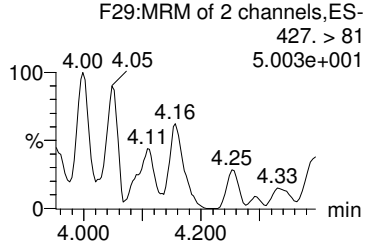




6:2 FTS





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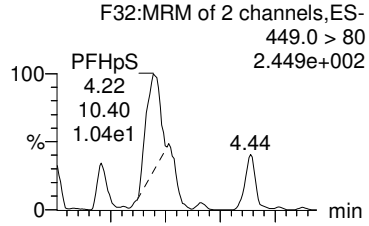

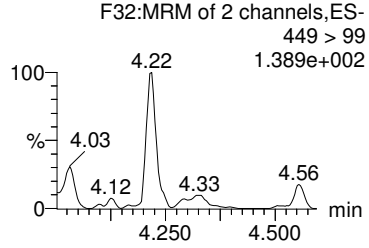

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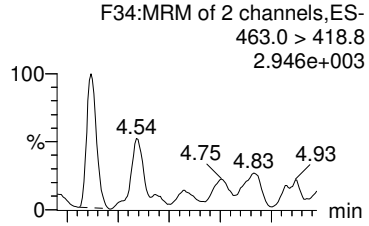

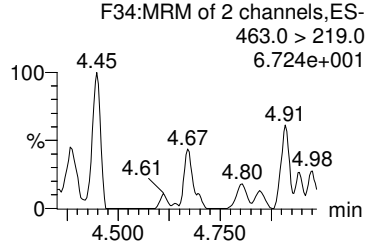

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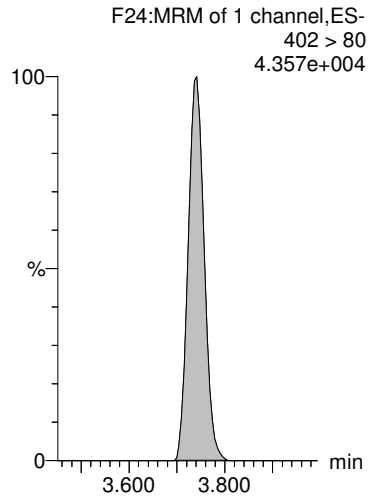

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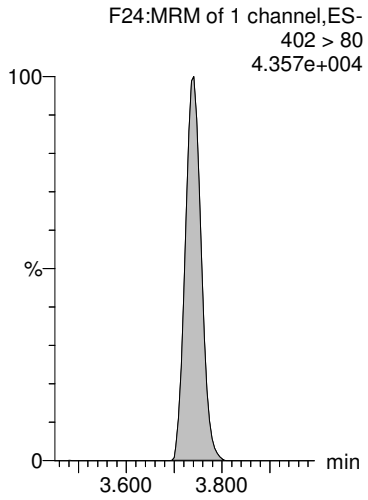

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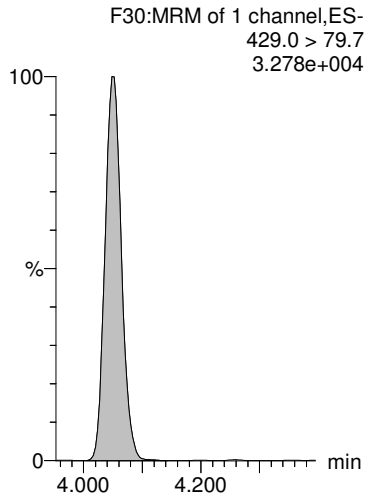

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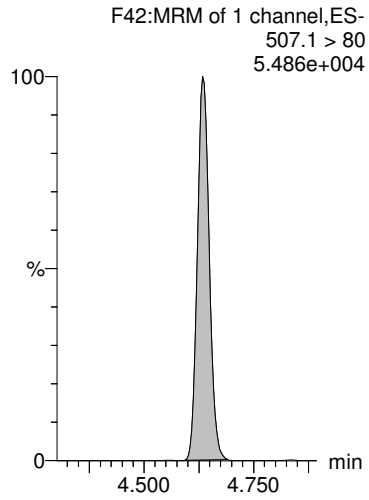

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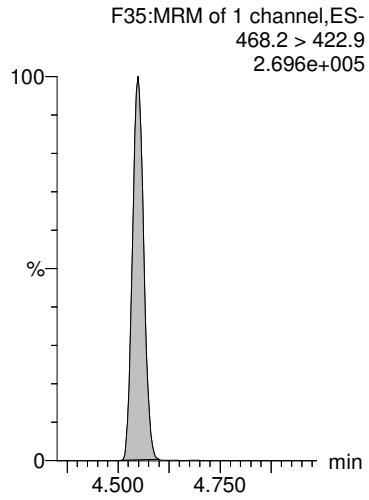

QRV 6/2/2020

Vista Analytical Laboratory L26

Review: AMR 6/2/2020

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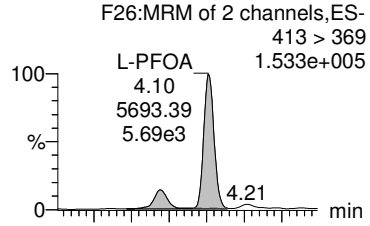
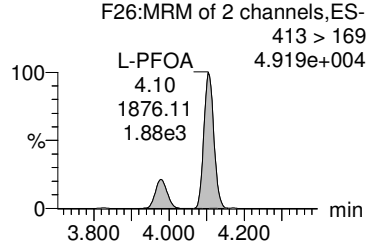
Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

L-PFOA





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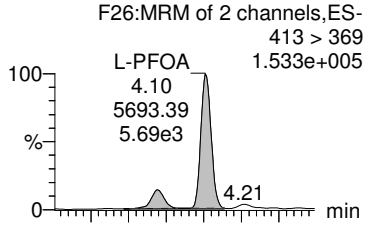
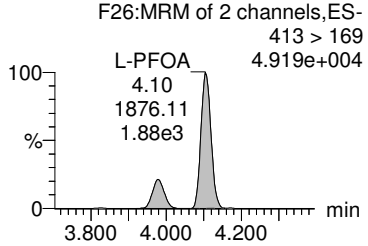
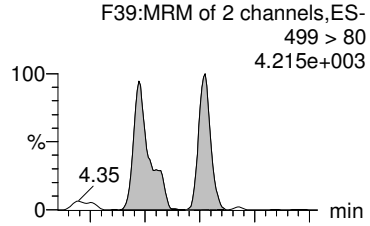
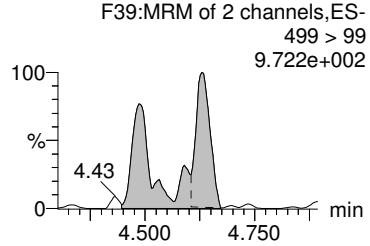


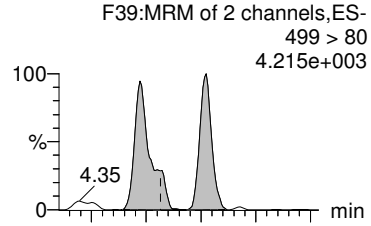


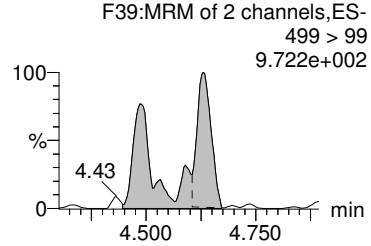
L-PFOS





Total PFOS





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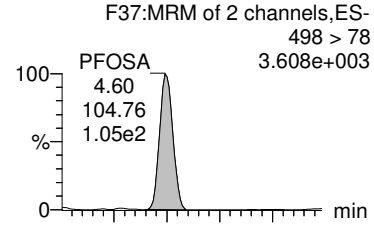

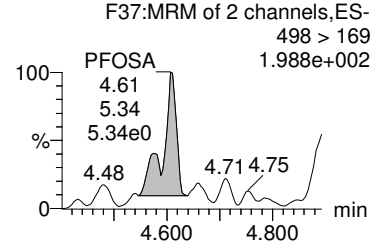

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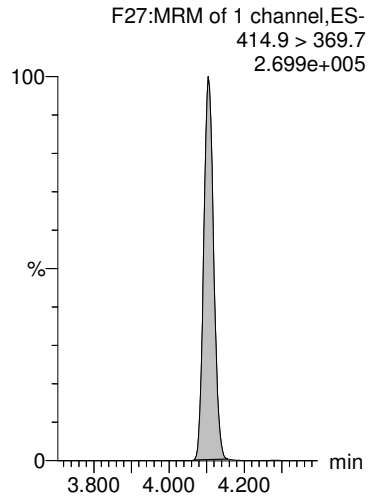

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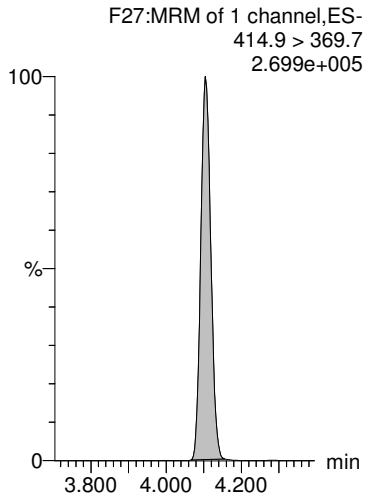

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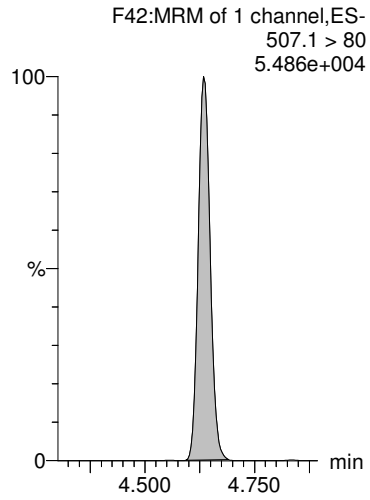

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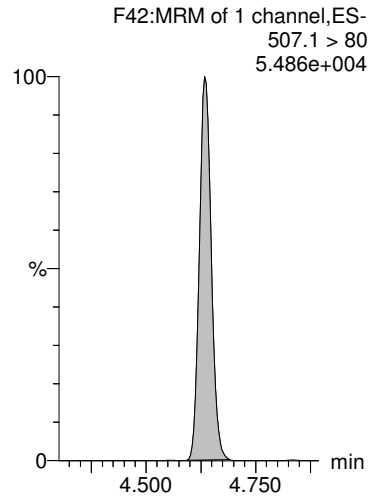

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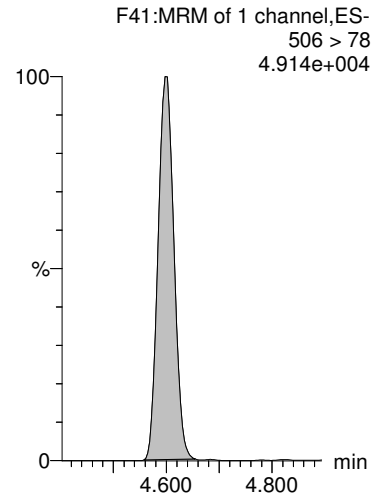

QPV 6/2/2020

Review: AMR 6/2/2020

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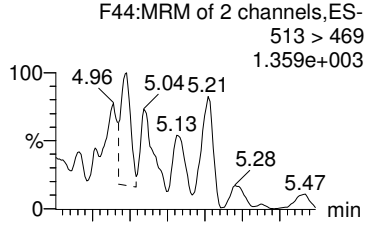
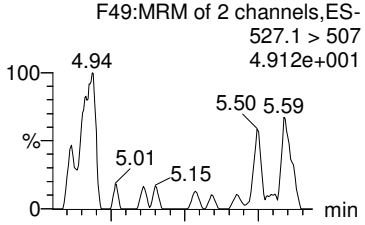
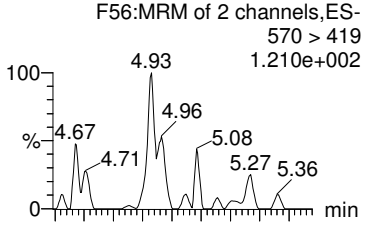
PFDA



8:2 FTS



L-MeFOSAA



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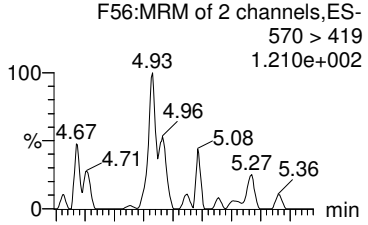

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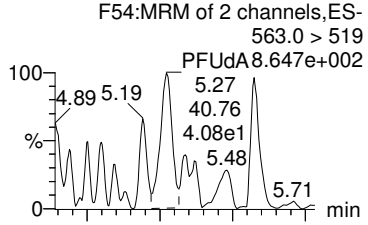

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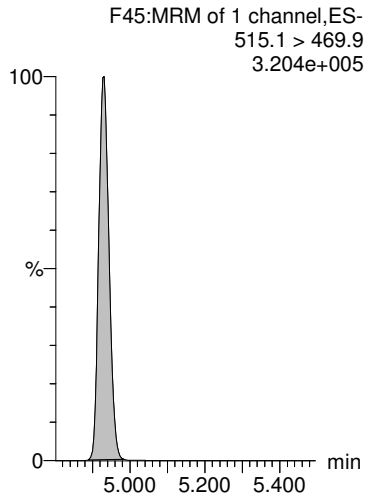

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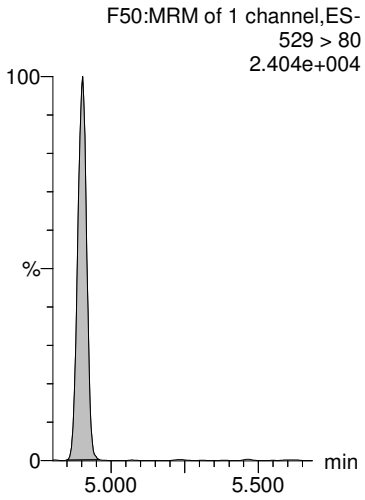

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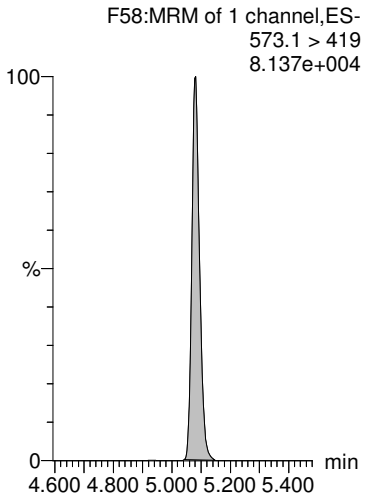

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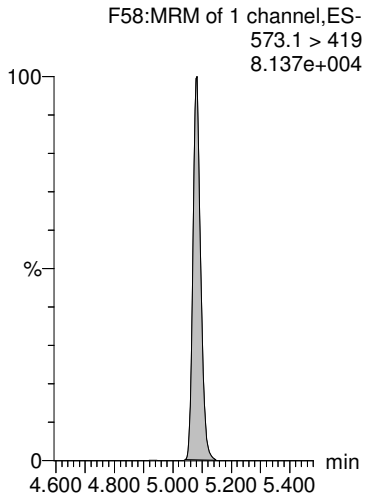

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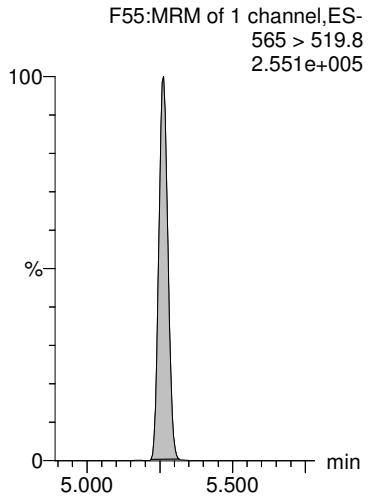

QPV 6/2/2020

Review: AMR 6/2/2020

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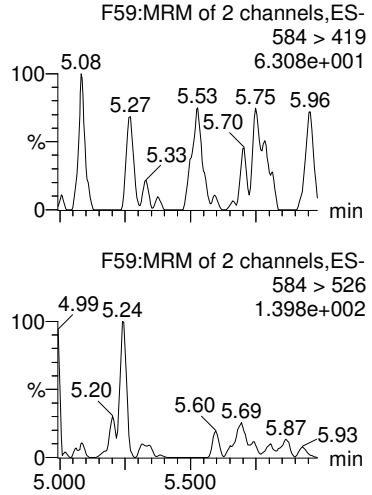
L-EtFOSAA



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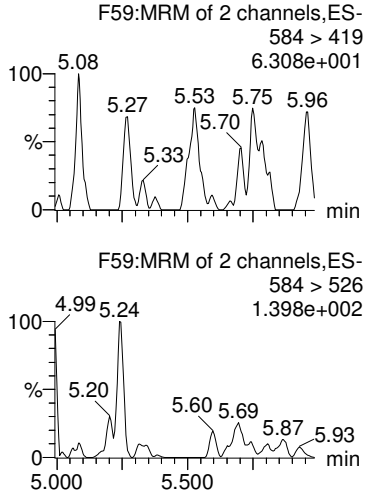

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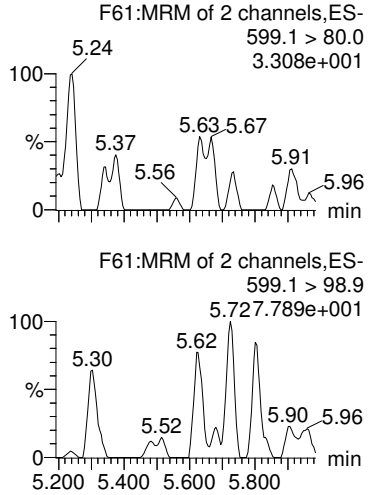

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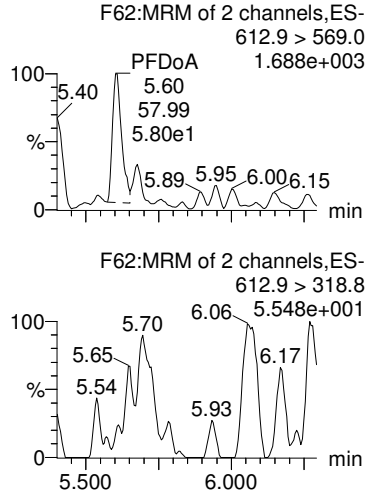

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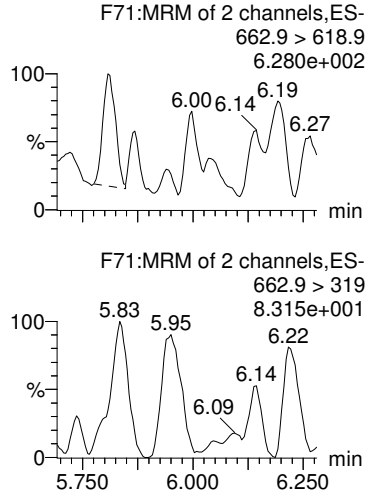

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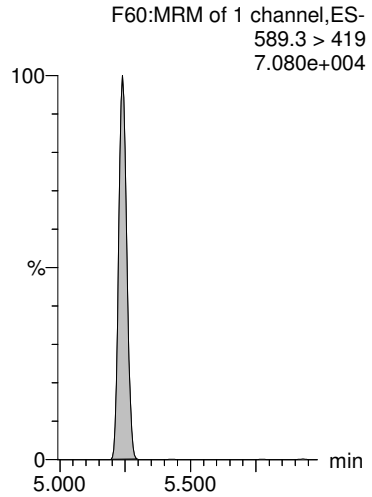

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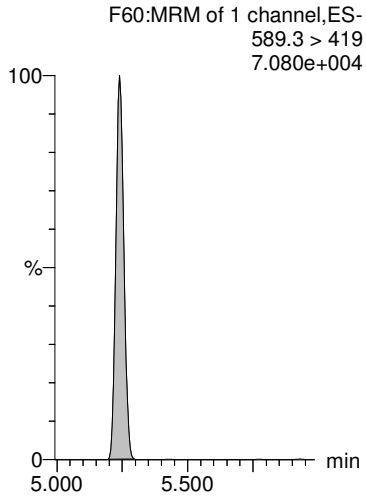

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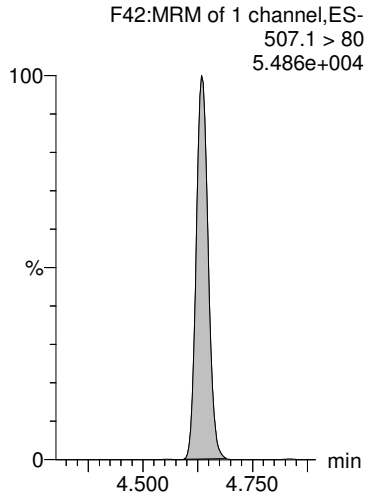

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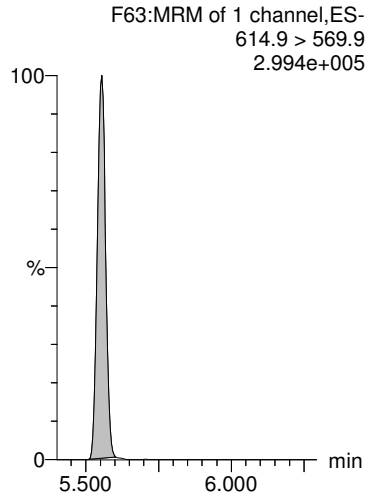

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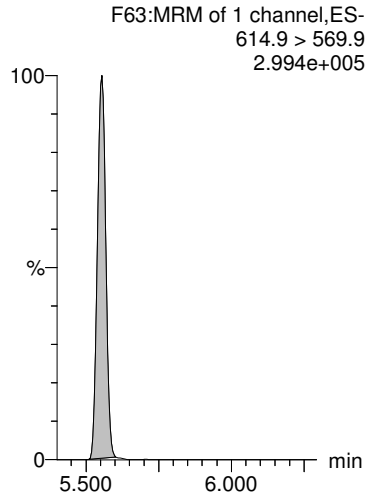

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Vista Analytical Laboratory L26

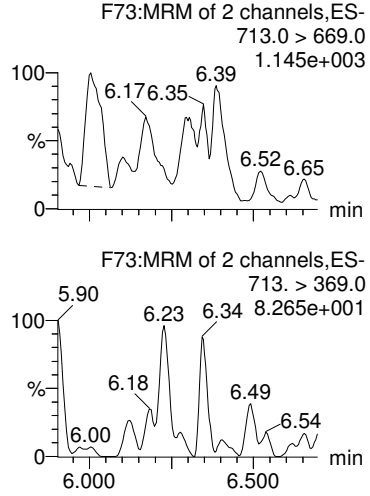
Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

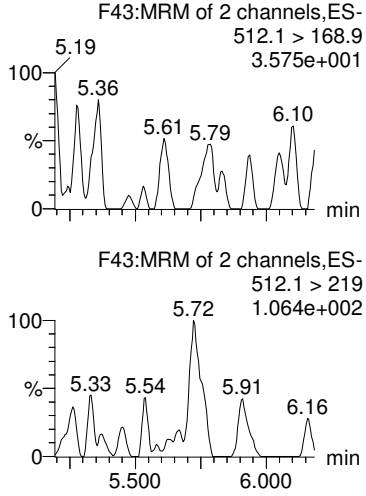
Last Altered: Tuesday, June 02, 2020 12:17:13 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 12:19:01 Pacific Daylight Time

Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

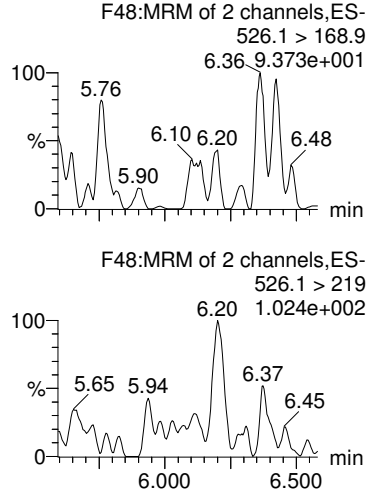
PFTeDA



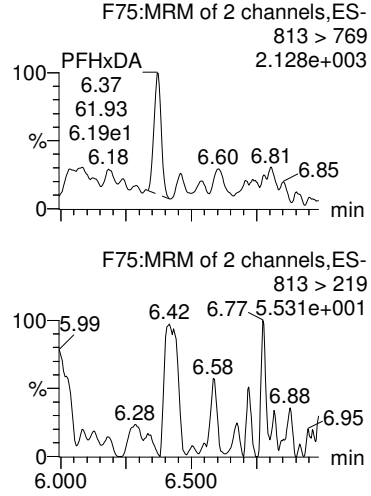
N-MeFOSA



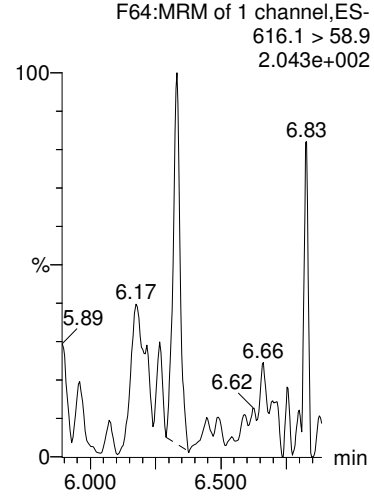
N-EtFOSA



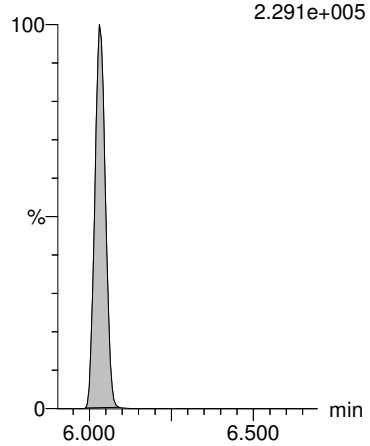
PFHxDA



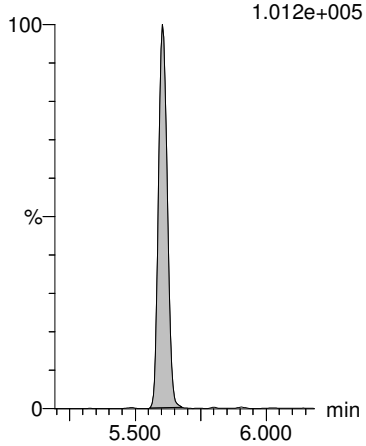
N-MeFOSE



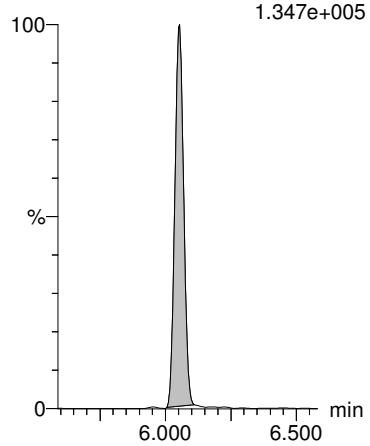
13C2-PFTeDA-EIS



d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



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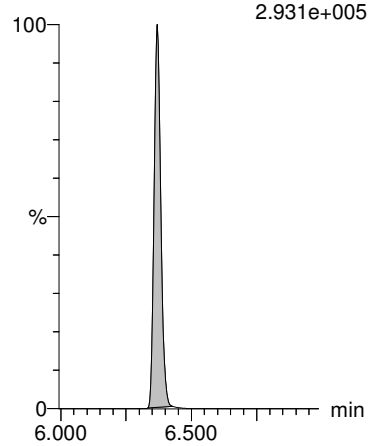
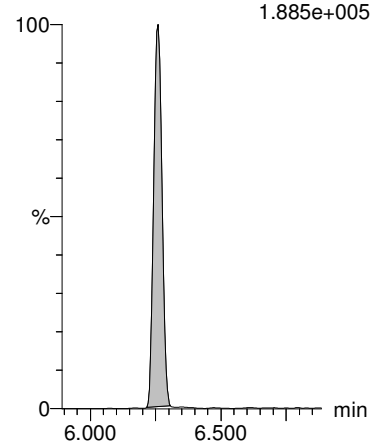


d7-N-MeFOSE-EIS



QPV 6/2/2020

Review: AMR 6/2/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-47-50.qld

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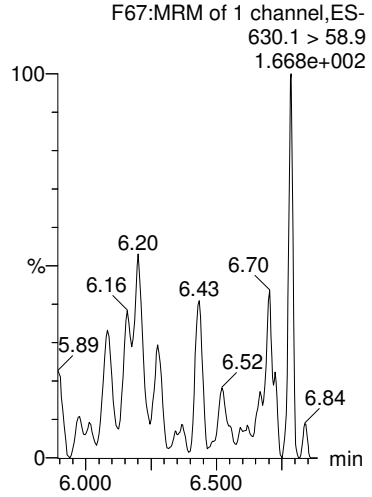
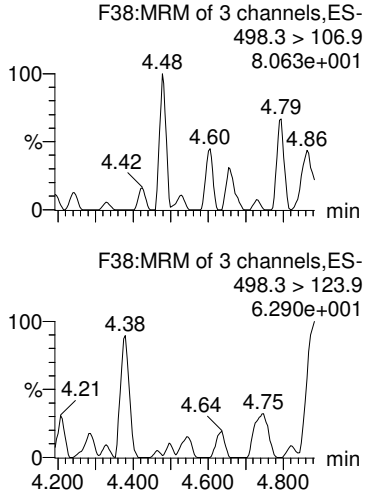
Printed: Tuesday, June 02, 2020 12:19:01 Pacific Daylight Time

Name: 200527P1-50, Date: 27-May-2020, Time: 20:45:00, ID: 2001078-19 GW-FPC-9A 0.11728, Description: GW-FPC-9A

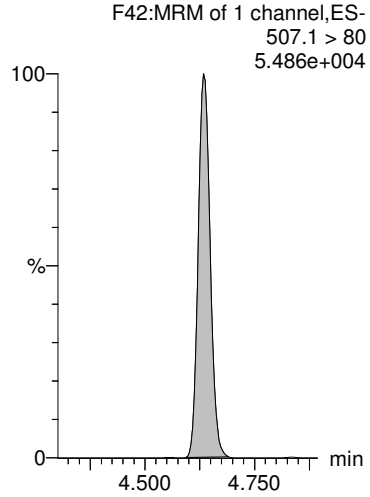
N-EtFOSE



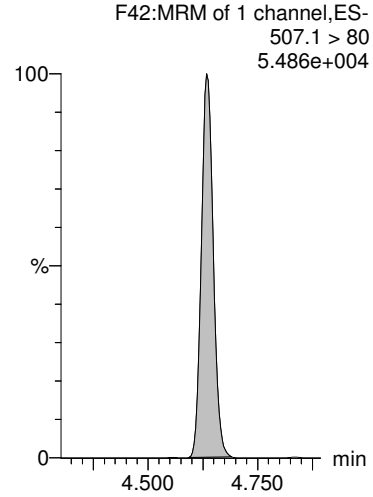
TDCA



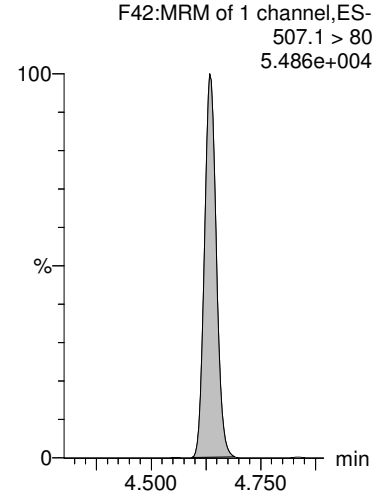
13C8-PFOS-EIS



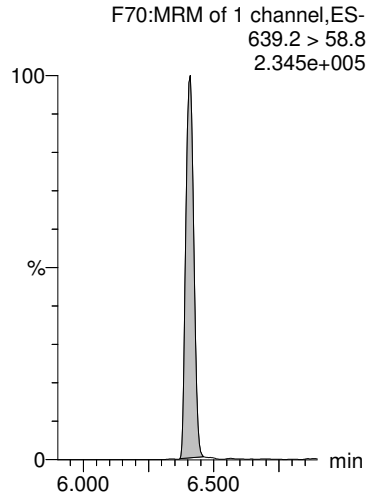
13C8-PFOS-EIS



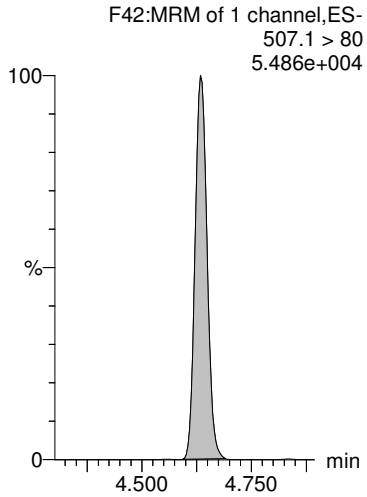
13C8-PFOS-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



QRV 6/2/2020

CONTINUING CALIBRATION

LC Calibration Standards Review Checklist Q5

			ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	NA
Calibration ID:	ST200529P1-11	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-12	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-13	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-14	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:	-15	L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐ NA	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐

Full Mass Cal. Date: ~~05/07~~ 5/1/2020 on 5/28/2020

Run Log Present: ☑

# of Samples per Sequence Checked: ☑

Instrument Blank Saved ☑

All Branches in Acquisition Window ☑

IIS Area Saved NA

Reviewed By: on 5/28/2020
Initials/Date

Comments:

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

JMH 6/20/2020

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

1 PFBA	213.0 > 168.8	3060.469	3568.392	1.00	1.23	10.721	10.000	10.7	107.4	NO		
2 PFPrS	249 > 80	623.605	1061.669	1.00	1.56	7.342	10.000	10.0	100.4	NO	2.671	NO
3 3:3 FTCA	240.9 > 176.9	786.703	7401.640	1.00	2.03	1.329	10.000	10.3	103.4	NO	3.861	NO
4 PFPeA	263.1 > 218.9	5526.902	7401.640	1.00	2.16	9.334	10.000	10.7	107.4	NO		
5 PFBS	299.0 > 80	2142.906	1061.669	1.00	2.44	25.230	10.000	10.6	105.7	NO	2.564	NO
6 4:2 FTS	327.0 > 307	1120.917	1407.576	1.00	2.89	9.954	10.000	9.76	97.6	NO	0.604	NO
47 13C3-PFBA-EIS	216.1 > 171.8	3568.392		1.00	1.23	3568.392	12.500	12.3	98.7	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1061.669		1.00	2.44	1061.669	12.500	13.0	103.7	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	7401.640		1.00	2.16	7401.640	12.500	12.6	100.5	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	7401.640		1.00	2.16	7401.640	12.500	12.6	100.5	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1061.669		1.00	2.44	1061.669	12.500	13.0	103.7	NO		
55 13C2-4:2 FTS-EIS	329.0 >79.7	1407.576		1.00	2.89	1407.576	12.500	11.9	95.1	NO		
-1												
7 PFHxA	313.0 > 269.0	8944.247	10400.738	1.00	2.97	10.750	10.000	11.2	111.8	NO	16.014	NO
8 PFPeS	349.>80	1657.089	1061.669	1.00	3.18	19.510	10.000	10.5	104.8	NO	1.940	YES
9 HFPO-DA	285.1 > 168.9	1638.589	2289.014	1.00	3.19	8.948	10.000	9.08	90.8	NO	2.166	NO
10 5:3 FTCA	340.9 > 236.9	1911.804	9360.944	1.00	3.53	2.553	10.000	10.0	100.0	NO	1.765	NO
11 PFHpA	363.0 > 319	10046.092	9360.944	1.00	3.59	13.415	10.000	10.9	109.5	NO	41.572	NO
12 ADONA	376.8 > 250.9	16462.617	9360.944	1.00	3.69	21.983	10.000	10.6	105.8	NO	4.284	NO
57 13C2-PFHxA-EIS	315.0 > 270.0	10400.738		1.00	2.97	10400.738	12.500	12.2	98.0	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1061.669		1.00	2.44	1061.669	12.500	13.0	103.7	NO		
53 13C3-HFPO-DA-EIS	287.0 > 168.9	2289.014		1.00	3.19	2289.014	12.500	14.1	112.7	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9360.944		1.00	3.59	9360.944	12.500	12.9	103.4	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9360.944		1.00	3.59	9360.944	12.500	12.9	103.4	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9360.944		1.00	3.59	9360.944	12.500	12.9	103.4	NO		
-1												
13 L-PFHxS	399 > 79.9	1959.292	2134.076	1.00	3.73	11.476	10.000	10.8	107.7	NO	4.000	NO
15 6:2 FTS	427.0 > 407	1241.382	1265.072	1.00	4.04	12.266	10.000	10.3	103.5	NO	0.839	NO
16 L-PFOA	413 > 369	9577.394	9801.017	1.00	4.09	12.215	10.000	11.2	111.6	NO	3.260	NO
18 PFecHS	461 > 381.0	1965.233	9801.017	1.00	4.11	2.506	10.000	11.0	110.4	NO	0.575	NO
19 PFHpS	449.0 > 80	1716.259	2136.324	1.00	4.21	10.042	10.000	11.4	113.8	NO	1.873	NO
20 7:3 FTCA	440.9 > 336.9	2177.059	10457.188	1.00	4.53	2.602	10.000	9.91	99.1	NO	1.233	NO
61 13C3-PFHxS-EIS	402 > 80	2134.076		1.00	3.73	2134.076	12.500	12.4	99.5	NO		
63 13C2-6:2 FTS-EIS	429.0 >79.7	1265.072		1.00	4.04	1265.072	12.500	13.6	109.1	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	9801.017		1.00	4.09	9801.017	12.500	12.1	97.0	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	9801.017		1.00	4.09	9801.017	12.500	12.1	97.0	NO		

OPV 5/28/2020

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Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

71 13C8-PFOS-EIS	507.1 > 80	2136.324		1.00	4.63	2136.324	12.500	12.8	102.2	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	10457.188		1.00	4.54	10457.188	12.500	12.6	101.1	NO		
-1												
21 PFNA	463.0 > 418.8	9843.196	10457.188	1.00	4.54	11.766	10.000	11.4	114.4	NO	13.015	NO
22 PFOSA	498 > 78	1764.957	3262.528	1.00	4.60	6.762	10.000	10.8	108.3	NO	21.395	NO
23 L-PFOS	499 > 80	2038.631	2136.324	1.00	4.63	11.928	10.000	9.77	97.7	NO	2.762	NO
25 9Cl-PF30NS	531 > 351	4908.458	2136.324	1.00	4.86	28.720	10.000	11.0	109.5	NO	31.329	NO
26 PFDA	513 > 469	9131.829	13160.465	1.00	4.93	8.674	10.000	9.86	98.6	NO	4.996	NO
27 8:2 FTS	527.1 > 507	856.000	1009.220	1.00	4.90	10.602	10.000	12.1	120.9	NO	0.569	NO
65 13C5-PFNA-EIS	468.2 > 422.9	10457.188		1.00	4.54	10457.188	12.500	12.6	101.1	NO		
67 13C8-PFOSA-EIS	506 > 78	3262.528		1.00	4.59	3262.528	12.500	12.6	101.2	NO		
71 13C8-PFOS-EIS	507.1 > 80	2136.324		1.00	4.63	2136.324	12.500	12.8	102.2	NO		
71 13C8-PFOS-EIS	507.1 > 80	2136.324		1.00	4.63	2136.324	12.500	12.8	102.2	NO		
73 13C2-PFDA-EIS	515.1 > 469.9	13160.465		1.00	4.93	13160.465	12.500	12.2	97.3	NO		
75 13C2-8:2 FTS-EIS	529 > 80	1009.220		1.00	4.90	1009.220	12.500	11.2	89.6	NO		
-1												
28 PFNS	549 > 80	2153.964	2136.324	1.00	5.00	12.603	10.000	11.4	113.8	NO	2.616	YES
29 L-MeFOSAA	570 > 419	2862.233	3233.137	1.00	5.09	11.066	10.000	9.68	96.8	NO	1.618	NO
31 L-EtFOSAA	584 > 419	3726.313	3161.029	1.00	5.25	14.735	10.000	10.5	104.9	NO	1.297	NO
33 PFUdA	563.0 > 519	11200.532	11646.515	1.00	5.26	12.021	10.000	11.6	115.5	NO	20.072	NO
34 PFDS	599.1 > 80.0	1816.741	2136.324	1.00	5.31	10.630	10.000	9.89	98.9	NO	2.073	YES
35 11Cl-PF30UdS	631 > 451	3430.650	13661.896	1.00	5.48	3.139	10.000	10.3	103.0	NO	17.471	NO
71 13C8-PFOS-EIS	507.1 > 80	2136.324		1.00	4.63	2136.324	12.500	12.8	102.2	NO		
77 d3-N-MeFOSAA-EIS	573.1 > 419	3233.137		1.00	5.08	3233.137	12.500	12.7	101.3	NO		
81 d5-N-EtFOSAA-EIS	589.3 > 419	3161.029		1.00	5.24	3161.029	12.500	12.4	98.9	NO		
79 13C2-PFUdA-EIS	565 > 519.8	11646.515		1.00	5.26	11646.515	12.500	11.8	94.5	NO		
71 13C8-PFOS-EIS	507.1 > 80	2136.324		1.00	4.63	2136.324	12.500	12.8	102.2	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	13661.896		1.00	5.55	13661.896	12.500	13.4	106.9	NO		
-1												
36 10:2 FTS	626.9 > 607	1087.737	693.092	1.00	5.53	19.617	10.000	9.69	96.9	NO	0.984	NO
37 PFDoA	612.9 > 569.0	10686.552	13661.896	1.00	5.55	9.778	10.000	10.1	101.3	NO	12.383	NO
38 N-MeFOSA	512.1 > 168.9	4896.170	12793.073	1.00	5.57	57.102	50.000	53.4	106.8	NO	1.965	NO
39 PFTrDA	662.9 > 618.9	10455.465	13661.896	1.00	5.80	9.566	10.000	10.5	104.9	NO	86.886	NO
40 PFDoS	699 > 80	2220.714	12255.137	1.00	5.83	2.265	10.000	10.1	101.4	NO	2.228	NO
41 PFTeDA	713.0 > 669.0	7778.786	12255.137	1.00	6.03	7.934	10.000	10.9	108.8	NO	14.532	NO
85 13C2-10:2 FTS-EIS	632.9 > 80.0	693.092		1.00	5.53	693.092	12.500	12.2	97.6	NO		

OPV 5/28/2020

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Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

83 13C2-PFDoA-EIS	614.9 > 569.9	13661.896		1.00	5.55	13661.896	12.500	13.4	106.9	NO		
87 d3-N-MeFOSA-EIS	515.2 > 168.9	12793.073		1.00	5.60	12793.073	149.200	145	97.5	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	13661.896		1.00	5.55	13661.896	12.500	13.4	106.9	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	12255.137		1.00	6.03	12255.137	12.500	12.2	97.3	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	12255.137		1.00	6.03	12255.137	12.500	12.2	97.3	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	6886.610	17482.912	1.00	6.03	58.771	50.000	53.2	106.3	NO	1.909	NO
43 PFHxDA	813 > 769	15914.300	16467.301	1.00	6.37	12.080	10.000	11.1	110.5	NO	36.040	NO
44 PFODA	913.1 > 868.8	12690.109	16467.301	1.00	6.61	9.633	10.000	11.0	109.9	NO		
45 N-MeFOSE	616.1 > 58.9	5679.246	15256.383	1.00	6.27	55.540	50.000	53.9	107.7	NO		
46 N-EtFOSE	630.1 > 58.9	5987.520	16523.129	1.00	6.42	54.066	50.000	54.8	109.6	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	3568.392	3927.416	1.00	1.23	11.357	12.500	12.9	103.5	NO		
91 d5-N-ETFOSA-EIS	531.1 > 168.9	17482.912		1.00	6.05	17482.912	149.200	146	97.6	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	16467.301		1.00	6.37	16467.301	12.500	12.6	100.6	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	16467.301		1.00	6.37	16467.301	12.500	12.6	100.6	NO		
95 d7-N-MeFOSE-EIS	623.1 > 58.9	15256.383		1.00	6.26	15256.383	149.200	152	101.8	NO		
97 d9-N-EtFOSE-EIS	639.2 > 58.8	16523.129		1.00	6.41	16523.129	149.200	153	102.4	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	7374.807	11797.604	1.00	2.16	7.814	12.500	11.8	94.5	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 98.9	1067.000	859.085	1.00	2.44	15.525	12.500	11.8	94.0	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	2289.014	11797.604	1.00	3.19	2.425	12.500	13.4	107.0	NO		
56 13C2-4:2 FTS-RSD	329.0 >79.7	1407.576	859.085	1.00	2.89	20.481	12.500	11.8	94.2	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	10400.738	11797.604	1.00	2.97	11.020	12.500	12.1	97.1	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	9360.944	11797.604	1.00	3.59	9.918	12.500	12.8	102.6	NO		
62 13C3-PFHxS-RSD	402 > 80	2134.076	859.085	1.00	3.73	31.052	12.500	12.4	99.5	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.7	1257.869	2460.663	1.00	4.04	6.390	12.500	13.6	109.2	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	10457.188	11589.777	1.00	4.54	11.278	12.500	11.8	94.4	NO		
68 13C8-PFOSA-RSD	506 > 78	3262.528	9418.623	1.00	4.59	4.330	12.500	11.8	94.5	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	9801.017	9436.654	1.00	4.09	12.983	12.500	11.8	94.0	NO		
72 13C8-PFOS-RSD	507.1 > 80	2136.324	2460.663	1.00	4.63	10.852	12.500	12.9	103.5	NO		
74 13C2-PFDA-RSD	515.1 > 469.9	13160.465	10667.506	1.00	4.93	15.421	12.500	12.3	98.4	NO		
-1												
76 13C2-8:2 FTS-RSD	529 > 80	1009.220	2460.663	1.00	4.90	5.127	12.500	11.3	90.1	NO		
78 d3-N-MeFOSAA-RSD	573.1 > 419	3233.137	9418.623	1.00	5.08	4.291	12.500	12.4	98.9	NO		
80 13C2-PFUdA-RSD	565 > 519.8	11646.515	9418.623	1.00	5.26	15.457	12.500	11.9	95.3	NO		
82 d5-N-EtFOSAA-RSD	589.3 > 419	3161.029	9418.623	1.00	5.24	4.195	12.500	12.4	99.1	NO		

OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

84	13C2-PFDoA-RSD	614.9 > 569.9	13661.896	10667.506	1.00	5.55	16.009	12.500	12.3	98.7	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	693.092	2460.663	1.00	5.53	3.521	12.500	12.3	98.3	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	12793.073	9418.623	1.00	5.60	16.978	149.200	140	93.7	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	12255.137	9418.623	1.00	6.03	16.265	12.500	12.3	98.3	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	17482.912	9418.623	1.00	6.05	23.203	149.200	145	97.1	NO
94	13C2-PFHxDA-RSD	815 > 769.7	16467.301	9418.623	1.00	6.37	21.855	12.500	12.4	99.1	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	15256.383	9418.623	1.00	6.26	20.248	149.200	150	100.4	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	16523.129	9418.623	1.00	6.41	21.929	149.200	150	100.4	NO
-1											
99	13C4-PFBA	217.0 > 172.0	3927.416	3927.416	1.00	1.24	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	11797.604	11797.604	1.00	2.97	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	9436.654	9436.654	1.00	4.10	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	859.085	859.085	1.00	3.73	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	11589.777	11589.777	1.00	4.55	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	2460.663	2460.663	1.00	4.63	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	10667.506	10667.506	1.00	4.93	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	9418.623	9418.623	1.00	5.26	12.500	12.500	12.5	100.0	NO

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Dataset: Untitled

Last Altered: Thursday, May 28, 2020 11:41:04 Pacific Daylight Time
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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: PFBA

1	200527P1-1	IPA	27-May-20	12:10:12
2	200527P1-2	IPA	27-May-20	12:20:45
3	200527P1-3	TEST	27-May-20	12:31:14
4	200527P1-4	IPA	27-May-20	12:41:44
5	200527P1-5	ST200527P1-1 PFC CS-2 20E0505	27-May-20	12:52:16
6	200527P1-6	ST200527P1-2 PFC CS-1 20E0506	27-May-20	13:02:45
7	200527P1-7	ST200527P1-3 PFC CS0 20E0507	27-May-20	13:13:17
8	200527P1-8	ST200527P1-4 PFC CS1 20E0508	27-May-20	13:23:45
9	200527P1-9	ST200527P1-5 PFC CS2 20E0509	27-May-20	13:34:16
10	200527P1-10	ST200527P1-6 PFC CS3 20E0510	27-May-20	13:44:48
11	200527P1-11	ST200527P1-7 PFC CS4 20E0511	27-May-20	13:55:18
12	200527P1-12	ST200527P1-8 PFC CS5 20E0512.	27-May-20	14:05:49
13	200527P1-13	ST200527P1-9 PFC CS6 20E0513	27-May-20	14:16:17
14	200527P1-14	ST200527P1-10 PFC CS7 20E0514	27-May-20	14:26:48
15	200527P1-15	IB	27-May-20	14:37:19
16	200527P1-16	ICV200527P1-1 PFC ICV 20E0515	27-May-20	14:47:49
17	200527P1-17	IB	27-May-20	14:58:18
18	200527P1-18	B0E0141-BLK1 Method Blank 0.25	27-May-20	15:08:53
19	200527P1-19	B0E0141-BS1 OPR 0.25	27-May-20	15:19:19
20	200527P1-20	B0E0141-BSD1 LCSD 0.25	27-May-20	15:29:51
21	200527P1-21	2001055-02 BA2-IDW (liquid) 0.25411	27-May-20	15:40:20
22	200527P1-22	2001055-04 BA-3IDW (liquid) 0.25558	27-May-20	15:50:51
23	200527P1-23	2001055-06 BA1-IDW (liquid) 0.25933	27-May-20	16:01:22
24	200527P1-24	2001055-07 BA1-IDW (filtered) 0.25824	27-May-20	16:11:52
25	200527P1-25	2001055-09 BA2-IDW (filtered) 0.25435	27-May-20	16:22:21
26	200527P1-26	B0E0158-BLK1 Method Blank 0.125	27-May-20	16:32:51
27	200527P1-27	B0E0158-BS1 OPR 0.125	27-May-20	16:43:23
28	200527P1-28	2001078-01 FB-DI WATER 0.11628	27-May-20	16:53:52
29	200527P1-29	2001078-02 GW-EB-Metal filter 0.11441	27-May-20	17:04:23
30	200527P1-30	2001078-03 GW-FPC-4B 0.11463	27-May-20	17:14:53
31	200527P1-31	2001078-04 GW-MW-22S 0.11776	27-May-20	17:25:24
32	200527P1-32	2001078-05 GW-MW-22D2 0.11782	27-May-20	17:35:53

Dataset: Untitled

Last Altered: Thursday, May 28, 2020 11:41:04 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:41:24 Pacific Daylight Time

Compound name: PFBA

33	200527P1-33	IB	27-May-20	17:46:24
34	200527P1-34	ST200527P1-11 PFC CS3 20E0510	27-May-20	17:56:53
35	200527P1-35	2001078-06 GW-MW-22D1 0.1143	27-May-20	18:07:26
36	200527P1-36	2001078-07 GW-AE-4A 0.11304	27-May-20	18:17:54
37	200527P1-37	2001078-08 GW-AE-4B 0.12089	27-May-20	18:28:26
38	200527P1-38	2001078-09 GW-OP-2 0.11247	27-May-20	18:38:56
39	200527P1-39	2001078-10 GW-MW-21D1 0.11396	27-May-20	18:49:27
40	200527P1-40	2001078-11 GW-MW-21D2 0.11006	27-May-20	18:59:55
41	200527P1-41	2001078-12 GW-MW-21S 0.11639	27-May-20	19:10:25
42	200527P1-42	2001078-13 GW-FPC-6A 0.1129	27-May-20	19:20:57
43	200527P1-43	2001078-14 GW-FPC-6B 0.11228	27-May-20	19:31:26
44	200527P1-44	2001078-15 GW-FPC-11A 0.11274	27-May-20	19:41:58
45	200527P1-45	IB	27-May-20	19:52:27
46	200527P1-46	ST200527P1-12 PFC CS3 20E0510	27-May-20	20:02:59
47	200527P1-47	2001078-16 GW-FPC-11B 0.11119	27-May-20	20:13:27
48	200527P1-48	2001078-17 GW-GZ-109 0.11381	27-May-20	20:24:00
49	200527P1-49	2001078-18 GW-GZ-117 0.1203	27-May-20	20:34:28
50	200527P1-50	2001078-19 GW-FPC-9A 0.11728	27-May-20	20:45:00
51	200527P1-51	B0E0112-BS2 OPR 0.125	27-May-20	20:55:30
52	200527P1-52	B0E0112-BS3 OPR 0.125	27-May-20	21:06:01
53	200527P1-53	2001051-11@5X GW2005121105RAP 0.24469	27-May-20	21:16:29
54	200527P1-54	2001051-12 GW2005121225RAP 0.25059	27-May-20	21:27:01
55	200527P1-55	2001051-19@5X GW2005131050MK 0.25826	27-May-20	21:37:31
56	200527P1-56	2001051-20@5X GW2005131050MK-FD 0.25354	27-May-20	21:48:02
57	200527P1-57	2001056-03 GW2005131105RAP 0.24561	27-May-20	21:58:30
58	200527P1-58	2000914-07 20041600515 0.24952	27-May-20	22:09:02
59	200527P1-59	IB	27-May-20	22:19:33
60	200527P1-60	ST200527P1-13 PFC CS3 20E0510	27-May-20	22:30:01
61	200527P1-61	B0E0166-BLK1 Method Blank 1	27-May-20	22:40:34
62	200527P1-62	B0E0166-BS1 OPR 1	27-May-20	22:51:03
63	200527P1-63	2000981-01RE2 20042900352 6.08	27-May-20	23:01:34
64	200527P1-64	2000981-02RE2 20042900353 5.13	27-May-20	23:12:05
65	200527P1-65	2000981-06RE2 20042900375 4.68	27-May-20	23:22:33
66	200527P1-66	B0E0174-BLK1 Method Blank 1	27-May-20	23:33:05
67	200527P1-67	B0E0174-BS1 OPR 1	27-May-20	23:43:33
68	200527P1-68	2001001-01RE1 20042900311 4.59	27-May-20	23:54:04

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Dataset: Untitled

Last Altered: Thursday, May 28, 2020 11:41:04 Pacific Daylight Time
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Compound name: PFBA

69	200527P1-69	B0E0155-BLK1 Method Blank 0.25	28-May-20	00:04:36
70	200527P1-70	B0E0155-BS1 OPR 0.25	28-May-20	00:15:04
71	200527P1-71	2001060-01 Field Blank 05142020 0.25033	28-May-20	00:25:37
72	200527P1-72	2001060-02 96-4 Comp 0.24646	28-May-20	00:36:06
73	200527P1-73	2001060-03 MH-X Comp 0.2397	28-May-20	00:46:37
74	200527P1-74	2001060-04 96-4 M3 Line 0.24022	28-May-20	00:57:06
75	200527P1-75	2001060-05 MH-X North 0.2466	28-May-20	01:07:38
76	200527P1-76	2001060-06 MH-X East 0.24741	28-May-20	01:18:06
77	200527P1-77	2001060-07 RO Grab 0.23461	28-May-20	01:28:38
78	200527P1-78	IB	28-May-20	01:39:09
79	200527P1-79	ST200527P1-14 PFC CS3 20E0510	28-May-20	01:49:38
80	200527P1-80	2001060-08 96-7 Comp 0.2381	28-May-20	02:00:10
81	200527P1-81	B0E0201-BLK1@5X Method Blank 0.001	28-May-20	02:10:38
82	200527P1-82	B0E0201-BS1@5X OPR 0.001	28-May-20	02:21:09
83	200527P1-83	2001079-01@5X Ovivir Five 0.001	28-May-20	02:31:38
84	200527P1-84	2001079-02@5X Virexll 256 0.001	28-May-20	02:42:10
85	200527P1-85	B0E0201-BLK1@20X Method Blank 0.001	28-May-20	02:52:39
86	200527P1-86	B0E0201-BS1@20X OPR 0.001	28-May-20	03:03:11
87	200527P1-87	2001079-01@20X Ovivir Five 0.001	28-May-20	03:13:42
88	200527P1-88	2001079-02@20X Virexll 256 0.001	28-May-20	03:24:10
89	200527P1-89	2001068-07@5X L-PHIIE 0.11516	28-May-20	03:34:41
90	200527P1-90	2001068-08@5X L-PHIIW 0.11885	28-May-20	03:45:12
91	200527P1-91	IB	28-May-20	03:55:41
92	200527P1-92	ST200527P1-15 PFC CS3 20E0510	28-May-20	04:06:13

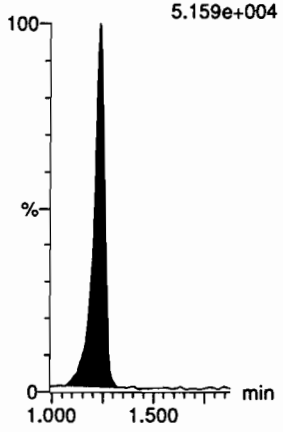
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

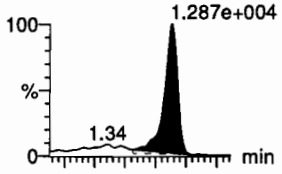
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

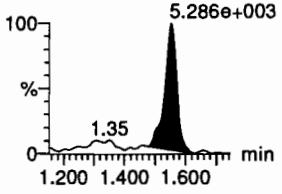
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
5.159e+004



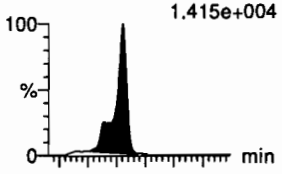
PFPrS
F6:MRM of 2 channels,ES-
249 > 80
1.287e+004



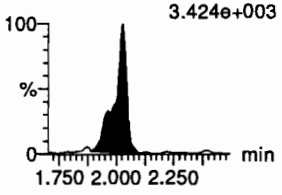
F6:MRM of 2 channels,ES-
249 > 98.9
5.286e+003



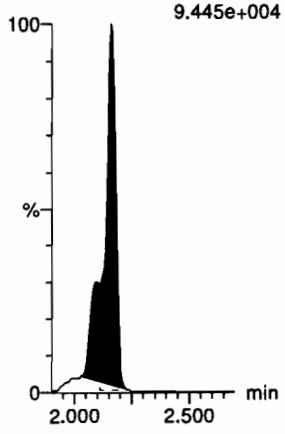
3:3 FTCA
F5:MRM of 2 channels,ES-
240.9 > 176.9
1.415e+004



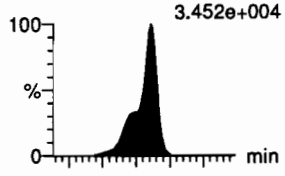
F5:MRM of 2 channels,ES-
240.9 > 116.9
3.424e+003



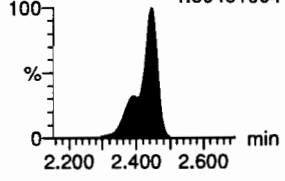
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
9.445e+004



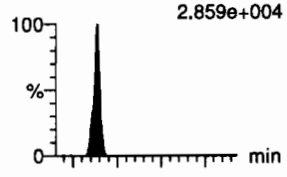
PFBS
F11:MRM of 2 channels,ES-
299.0 > 80
3.452e+004



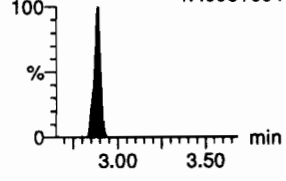
F11:MRM of 2 channels,ES-
299.0 > 98.9
1.394e+004



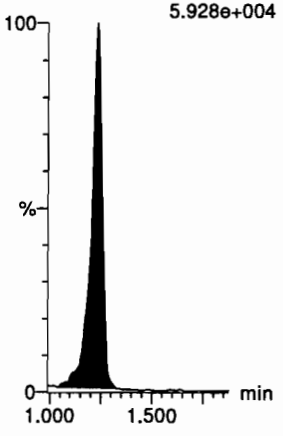
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 307
2.859e+004



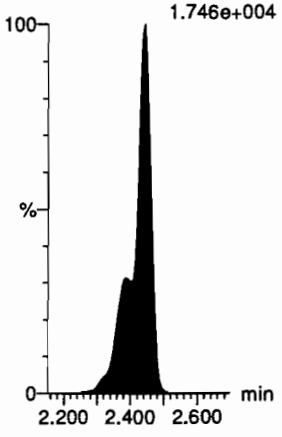
F16:MRM of 2 channels,ES-
327.0 > 81
4.499e+004



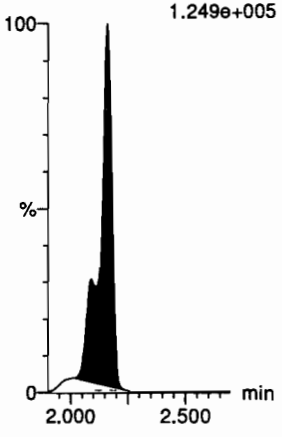
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.928e+004



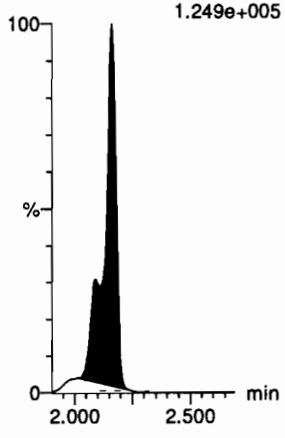
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.746e+004



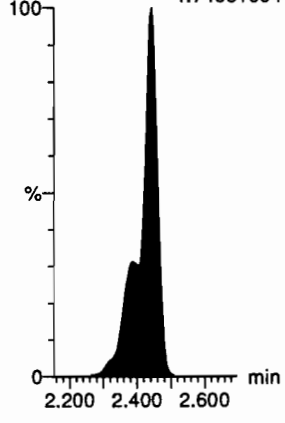
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.249e+005



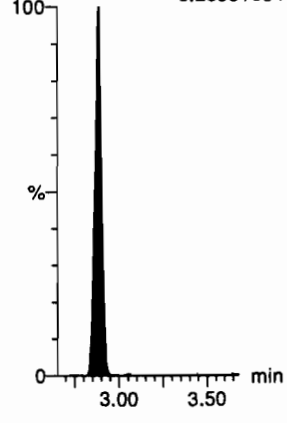
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.249e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.746e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.285e+004



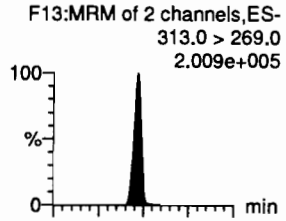
OPV 5/28/2020

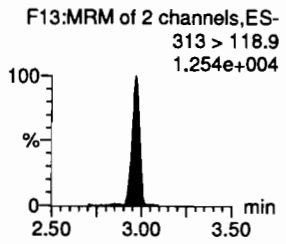
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

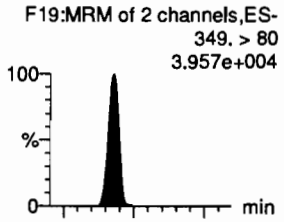
Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

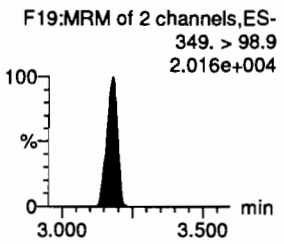
PFHxA



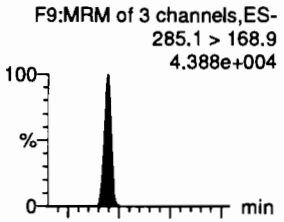


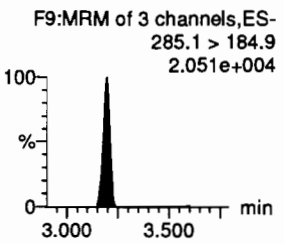
PFPeS



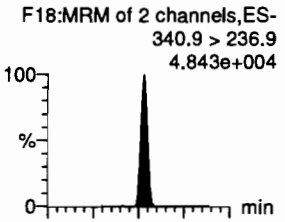


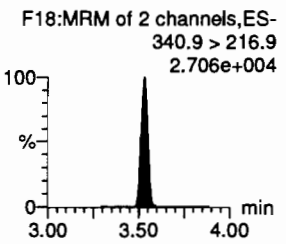
HFPO-DA



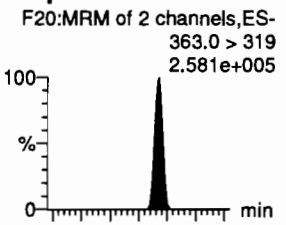


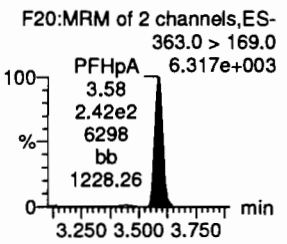
5:3 FTCA



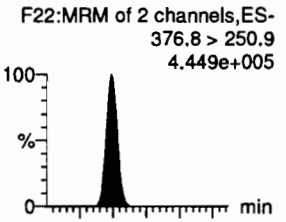


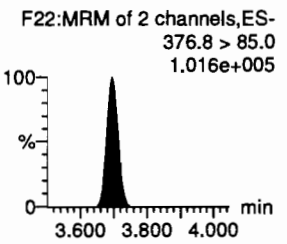
PFHpA



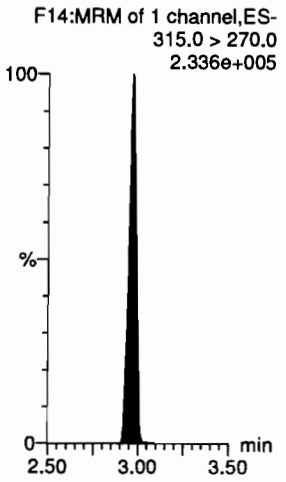


ADONA

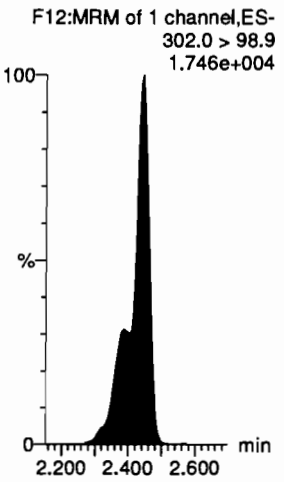




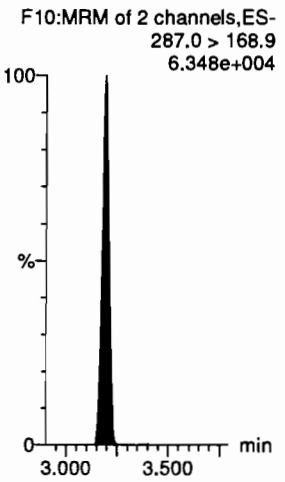
13C2-PFHxA-EIS



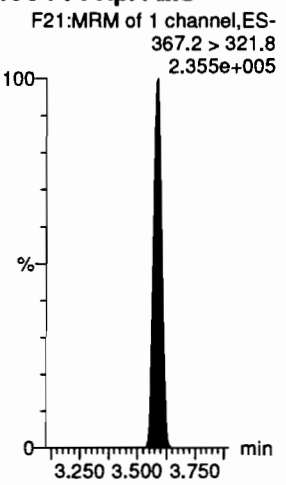
13C3-PFBS-EIS



13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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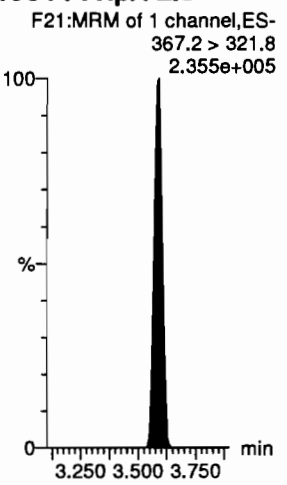

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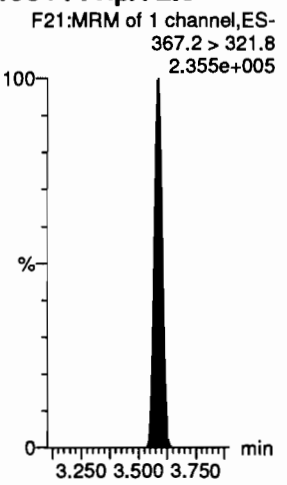


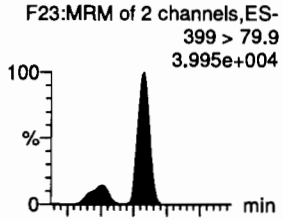
OPV 5/28/2020

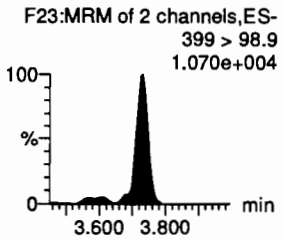
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

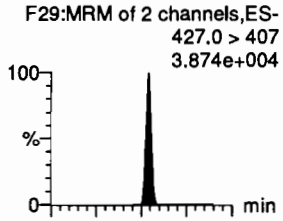
Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

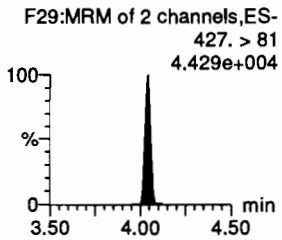
L-PFHxS



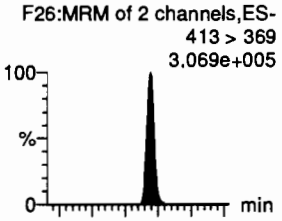


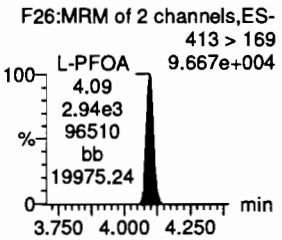
6:2 FTS



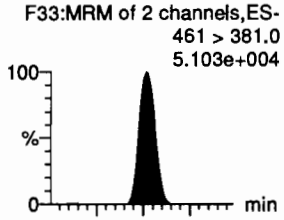


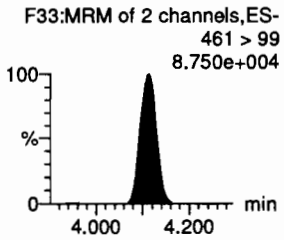
L-PFOA



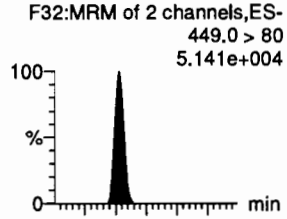


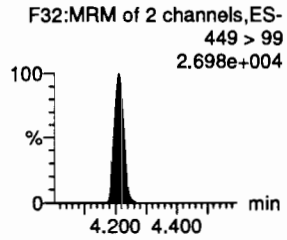
PFEChS



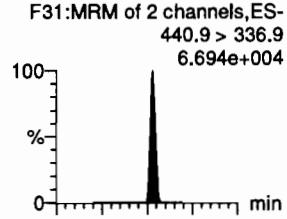


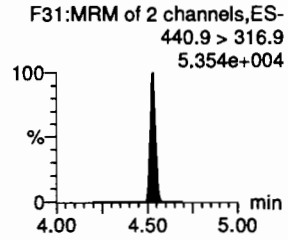
PFHpS



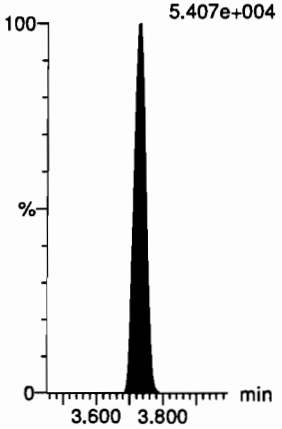


7:3 FTCA

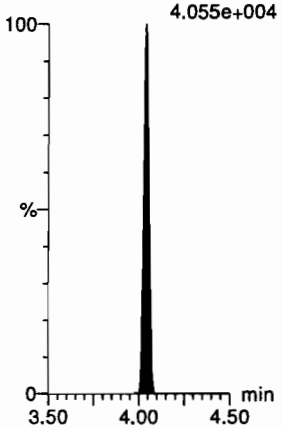




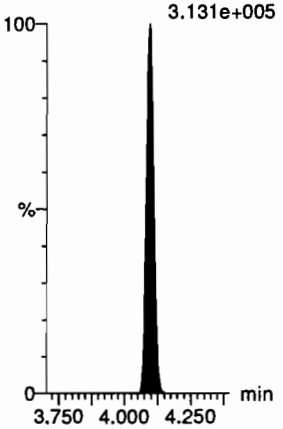
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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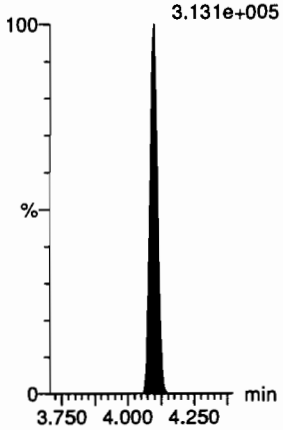
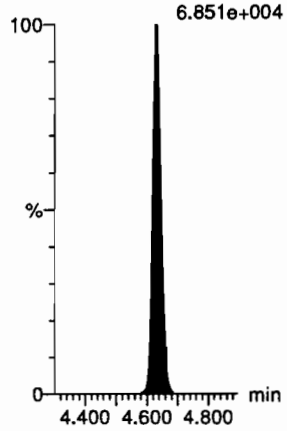
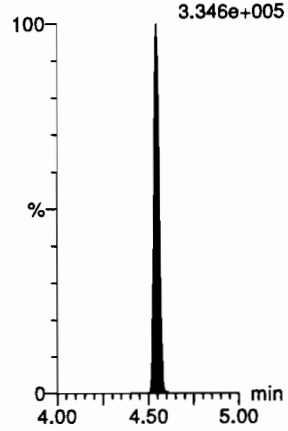


13C8-PFOS-EIS



13C5-PFNA-EIS



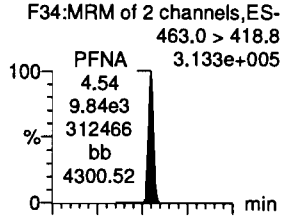
OPV 5/28/2020

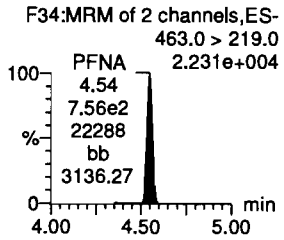
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

PFNA





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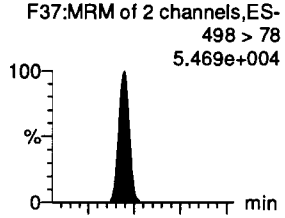
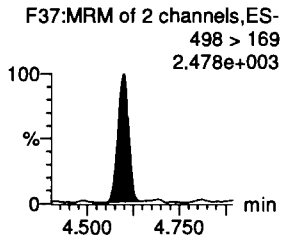
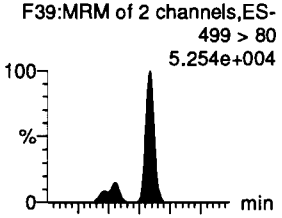
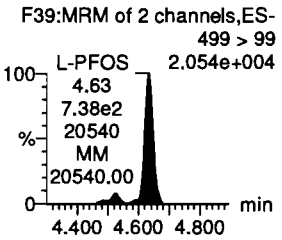


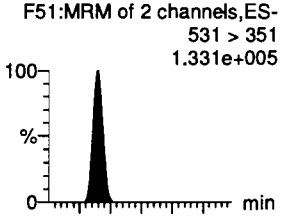


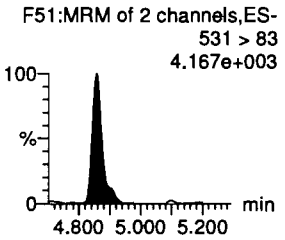
L-PFOS



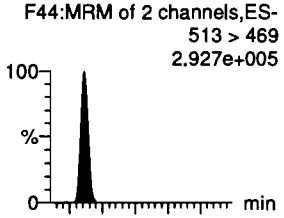


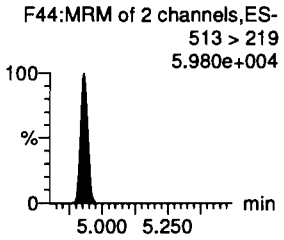
9Cl-PF30NS



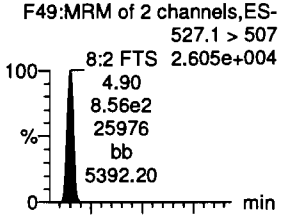


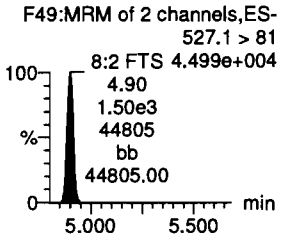
PFDA



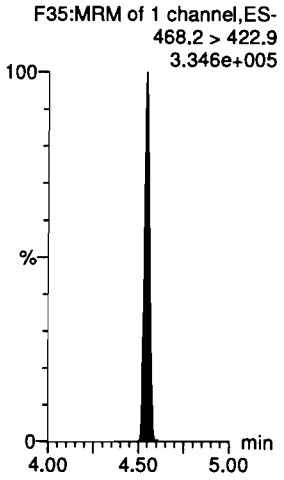


8:2 FTS

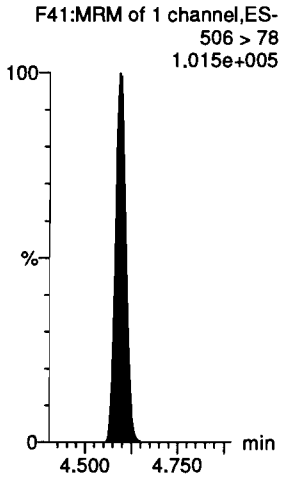




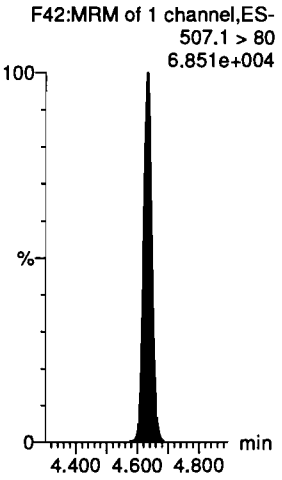
13C5-PFNA-EIS



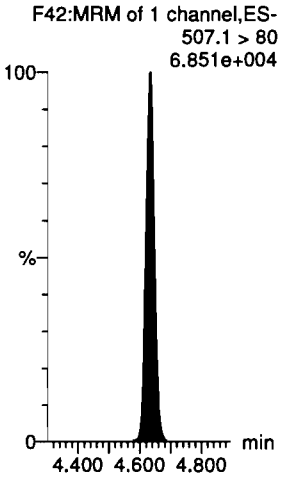
13C8-PFOSA-EIS



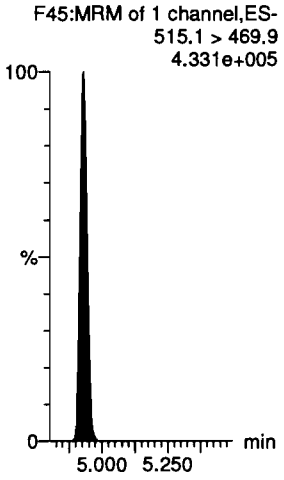
13C8-PFOS-EIS



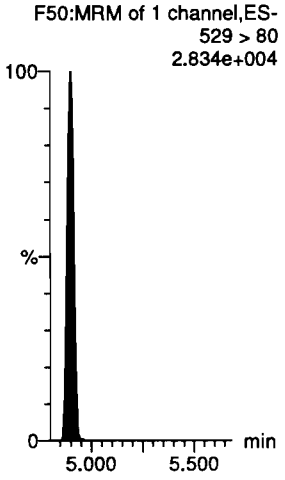
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



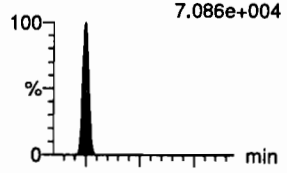
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

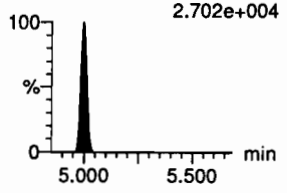
Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

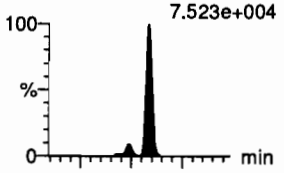
PFNS
F53:MRM of 2 channels,ES-
549 > 80
7.086e+004



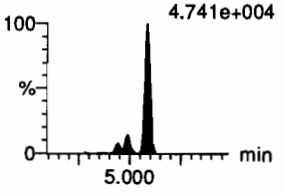
F53:MRM of 2 channels,ES-
549 > 99
2.702e+004



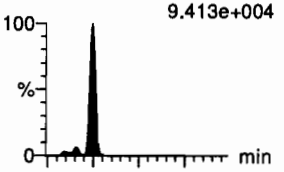
L-MeFOSAA
F56:MRM of 2 channels,ES-
570 > 419
7.523e+004



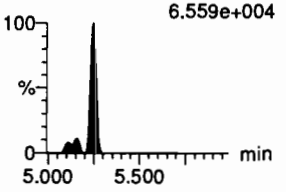
F56:MRM of 2 channels,ES-
570. > 512
4.741e+004



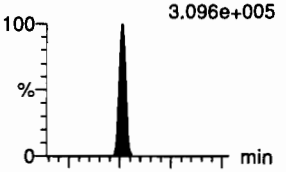
L-EtFOSAA
F59:MRM of 2 channels,ES-
584 > 419
9.413e+004



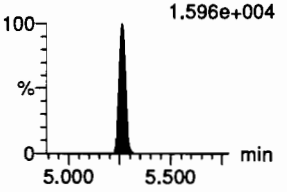
F59:MRM of 2 channels,ES-
584 > 526
6.559e+004



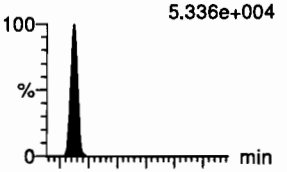
PFUdA
F54:MRM of 2 channels,ES-
563.0 > 519
3.096e+005



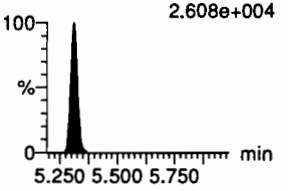
F54:MRM of 2 channels,ES-
563.0 > 269
1.596e+004



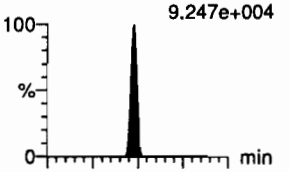
PFDS
F61:MRM of 2 channels,ES-
599.1 > 80.0
5.336e+004



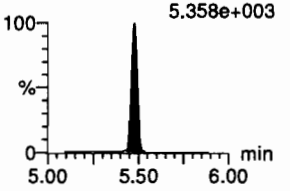
F61:MRM of 2 channels,ES-
599.1 > 98.9
2.608e+004



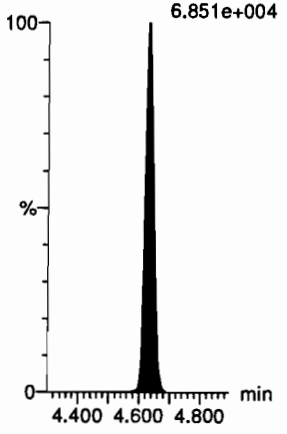
11Cl-PF30UdS
F68:MRM of 2 channels,ES-
631 > 451
9.247e+004



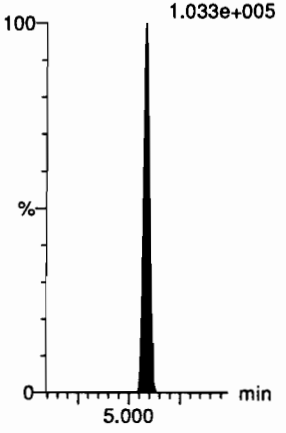
F68:MRM of 2 channels,ES-
631 > 83
5.358e+003



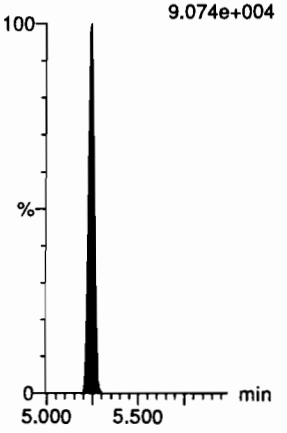
13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.1 > 80
6.851e+004



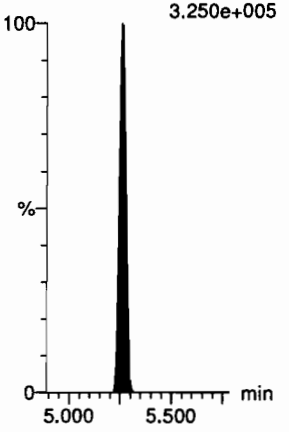
d3-N-MeFOSAA-EIS
F58:MRM of 1 channel,ES-
573.1 > 419
1.033e+005



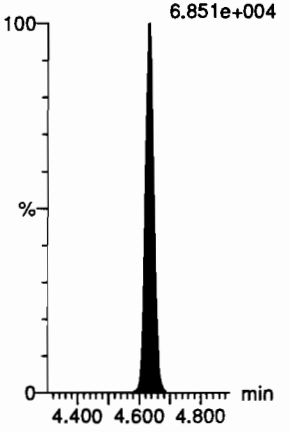
d5-N-EtFOSAA-EIS
F60:MRM of 1 channel,ES-
589.3 > 419
9.074e+004



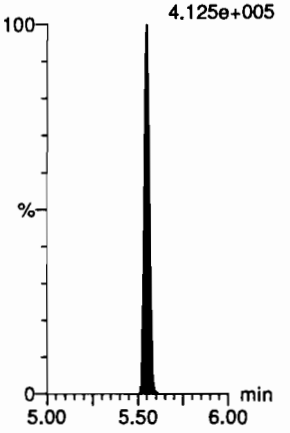
13C2-PFUdA-EIS
F55:MRM of 1 channel,ES-
565 > 519.8
3.250e+005



13C8-PFOS-EIS
F42:MRM of 1 channel,ES-
507.1 > 80
6.851e+004



13C2-PFDoA-EIS
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.125e+005



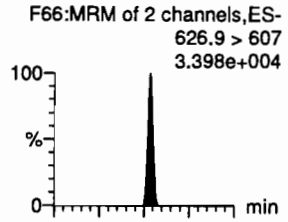
OPV 5/28/2020

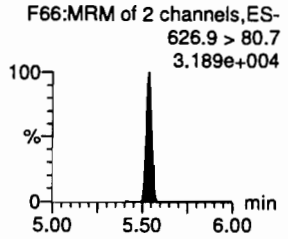
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

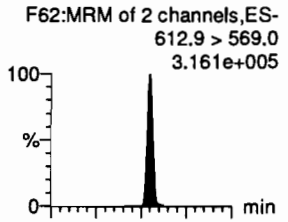
Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

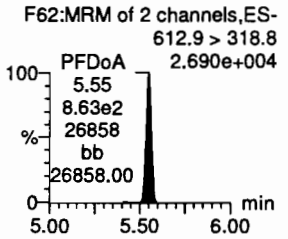
10:2 FTS



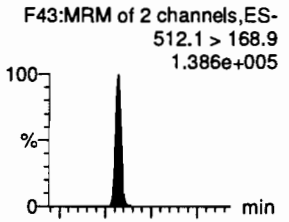


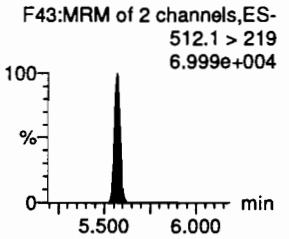
PFDoA



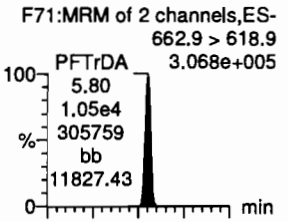


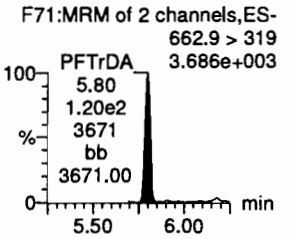
N-MeFOSA



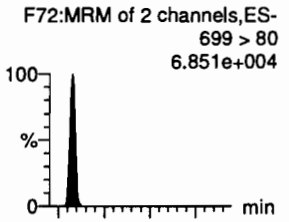


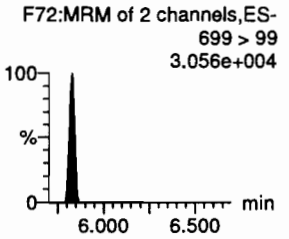
PFTrDA



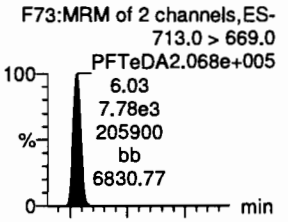


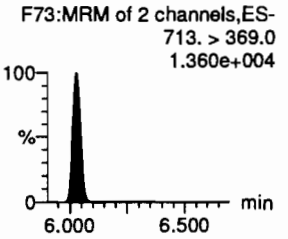
PFDoS



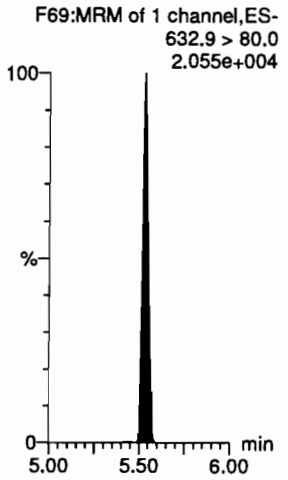


PFTeDA

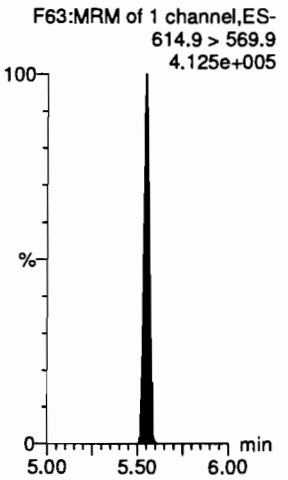




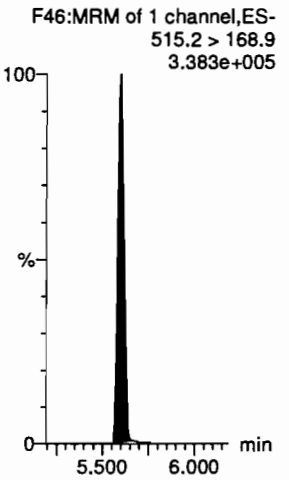
13C2-10:2 FTS-EIS



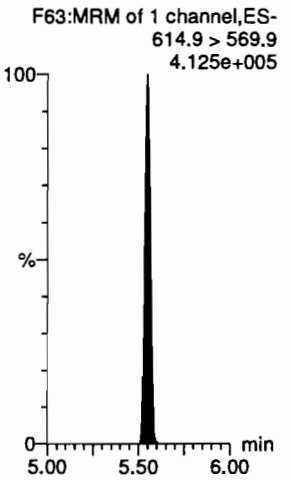
13C2-PFDoA-EIS



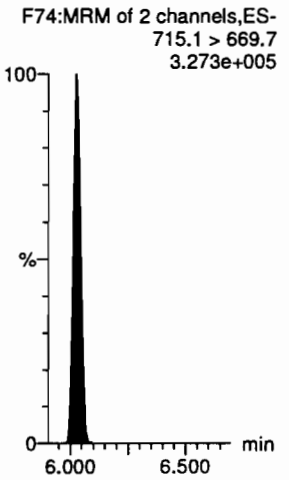
d3-N-MeFOSA-EIS



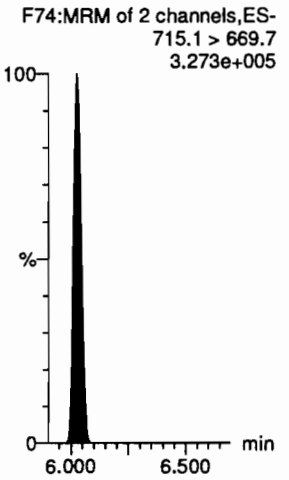
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



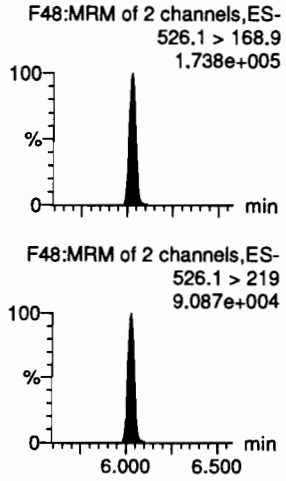
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

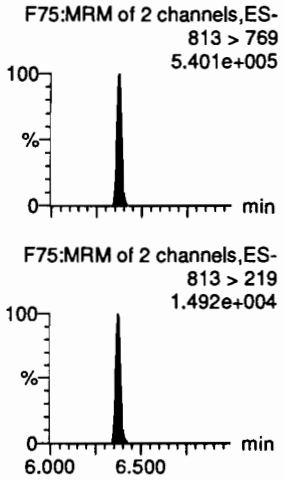
Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

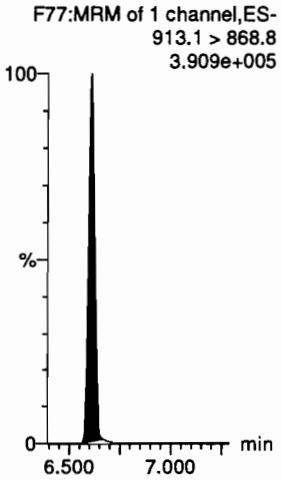
N-EtFOSA



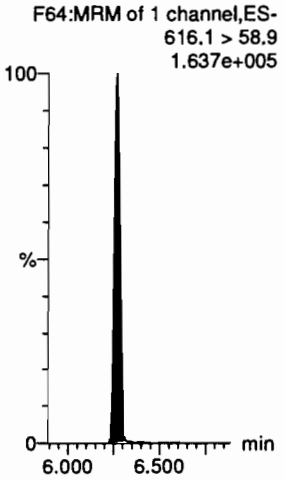
PFHxDA



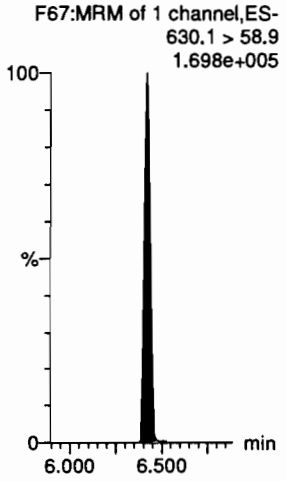
PFODA



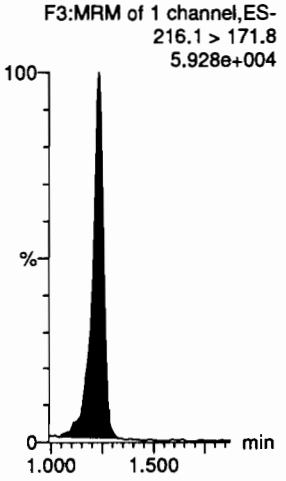
N-MeFOSE



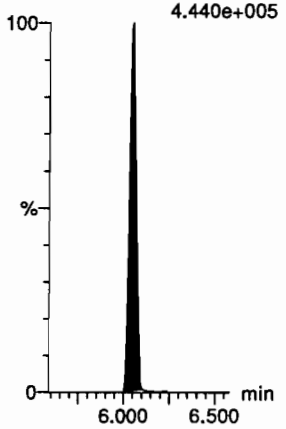
N-EtFOSE



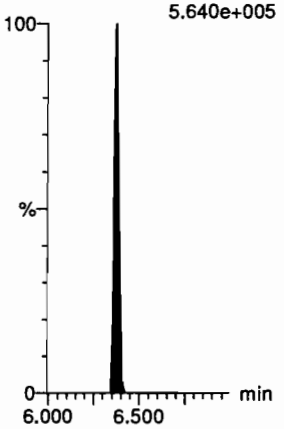
13C3-PFBA-RSD



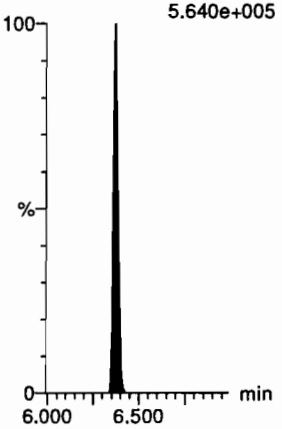
d5-N-ETFOSA-EIS



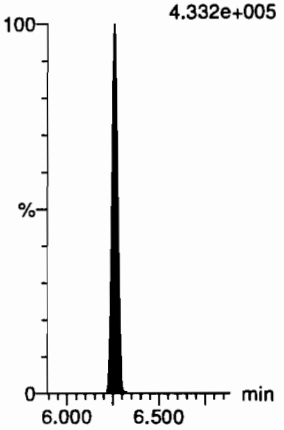
13C2-PFHxDA-EIS



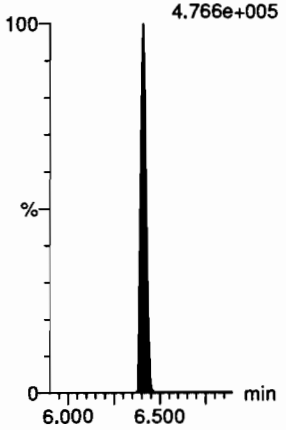
13C2-PFHxDA-EIS



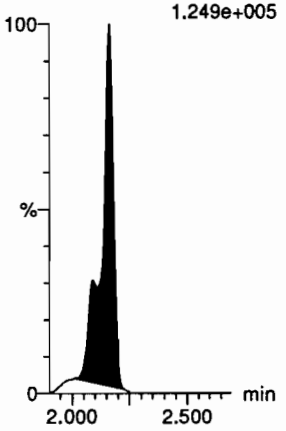
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



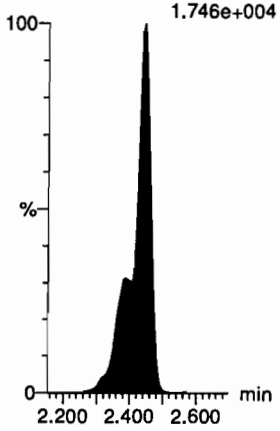
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

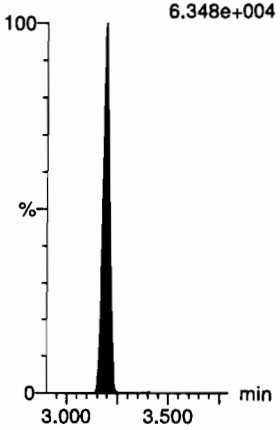
Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

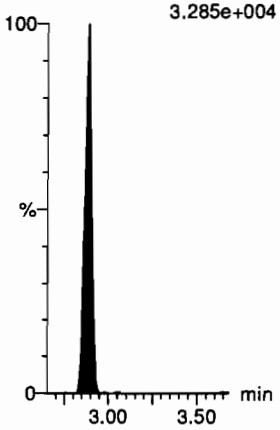
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.746e+004



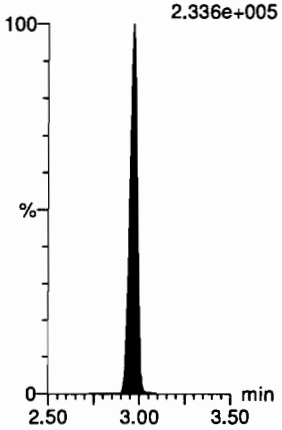
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.348e+004



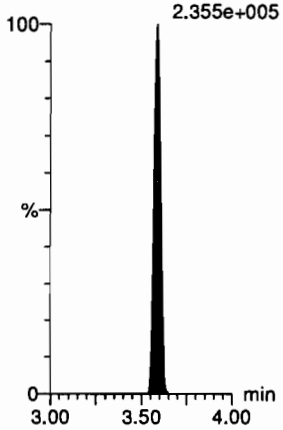
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.285e+004



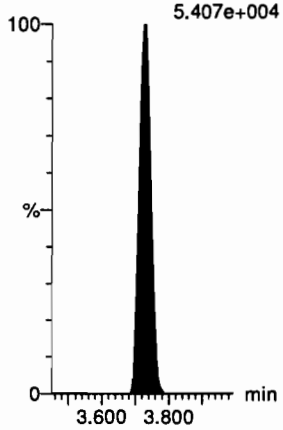
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.336e+005



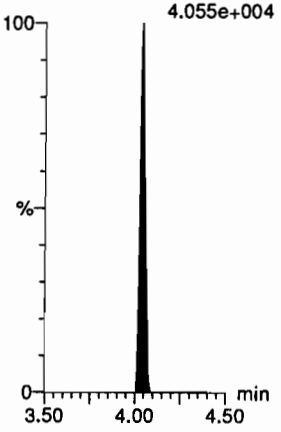
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.355e+005



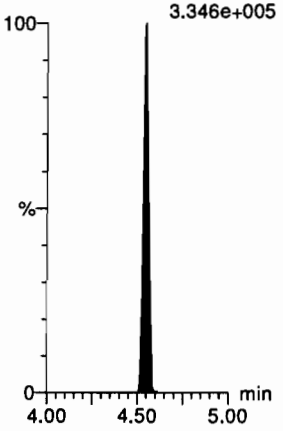
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.407e+004



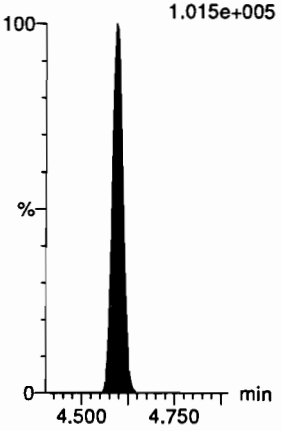
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.055e+004



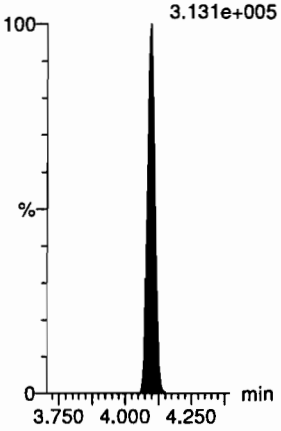
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.346e+005



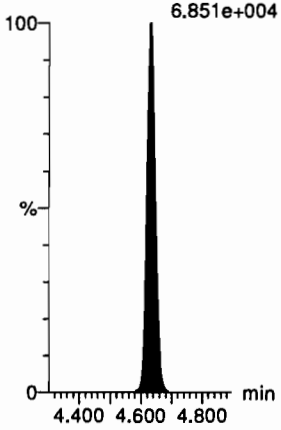
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.015e+005



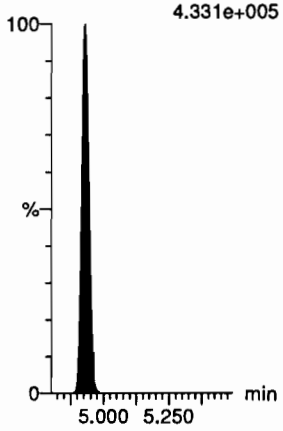
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.131e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.851e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.331e+005



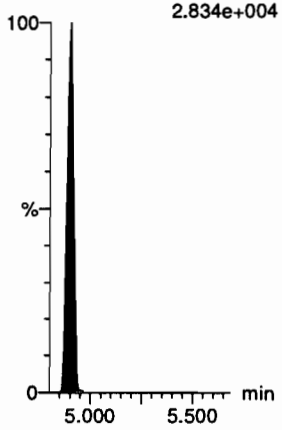
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

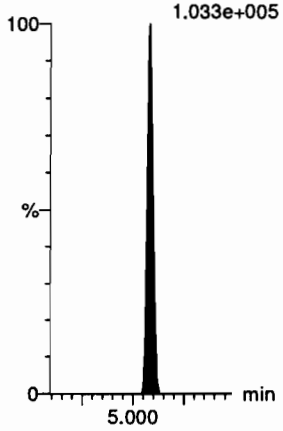
Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

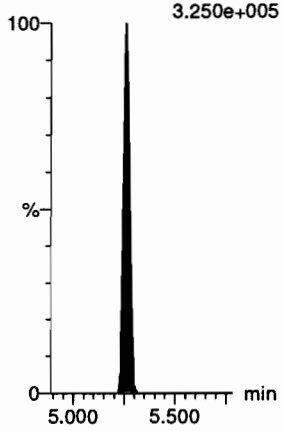
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
2.834e+004



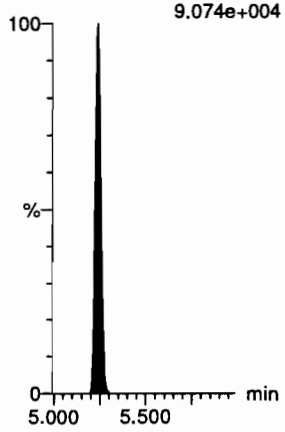
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.033e+005



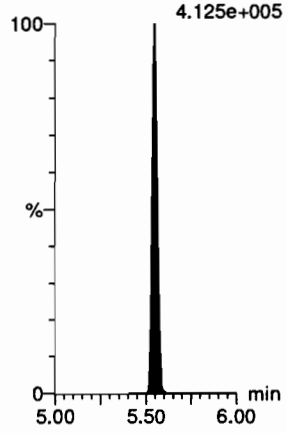
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.250e+005



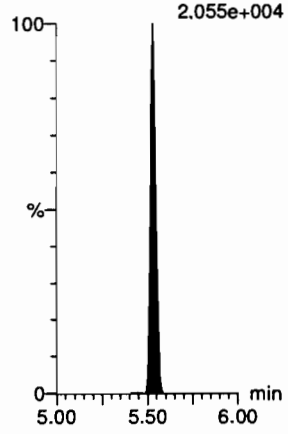
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.074e+004



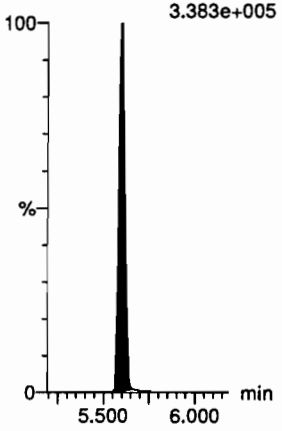
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.125e+005



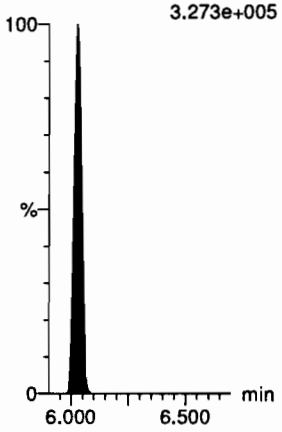
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.055e+004



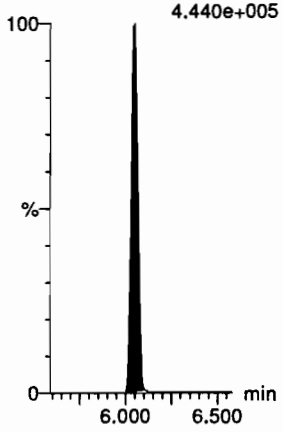
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.383e+005



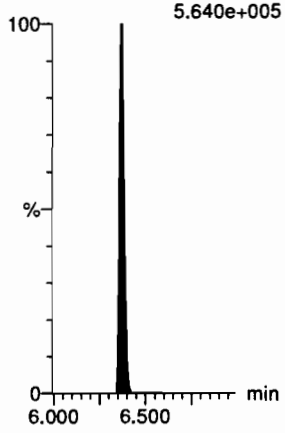
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.273e+005



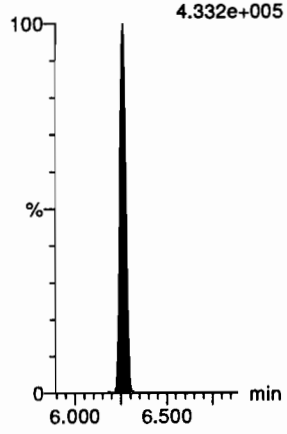
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.440e+005



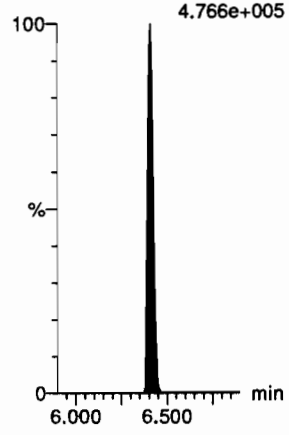
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.640e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.332e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.766e+005



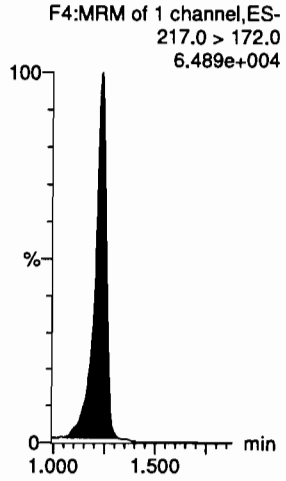
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-34.qld

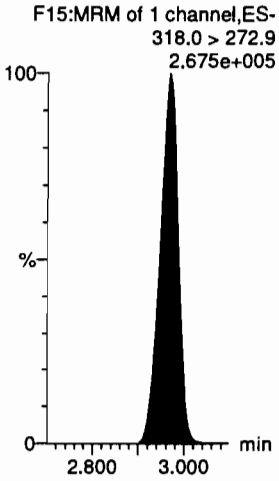
Last Altered: Thursday, May 28, 2020 11:04:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:05:04 Pacific Daylight Time

Name: 200527P1-34, Date: 27-May-2020, Time: 17:56:53, ID: ST200527P1-11 PFC CS3 20E0510, Description: PFC CS3 20E0510

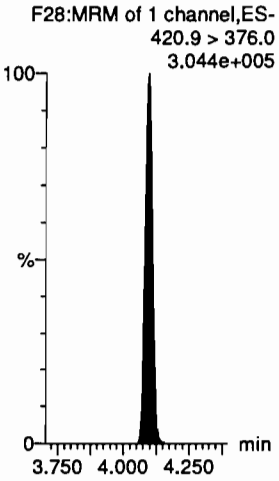
13C4-PFBA



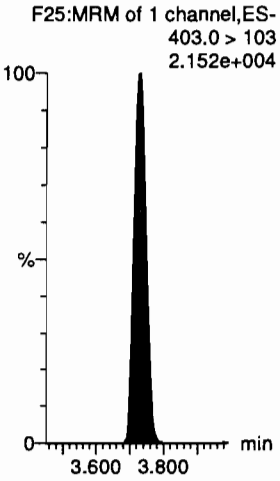
13C5-PFHxA



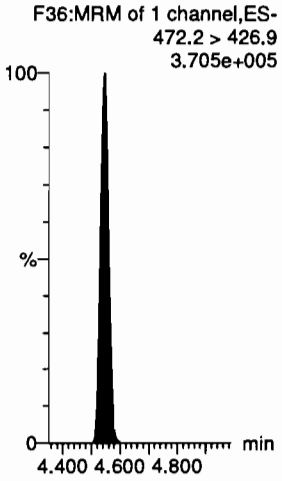
13C8-PFOA



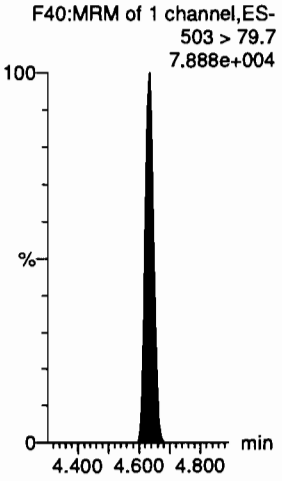
18O2-PFHxS



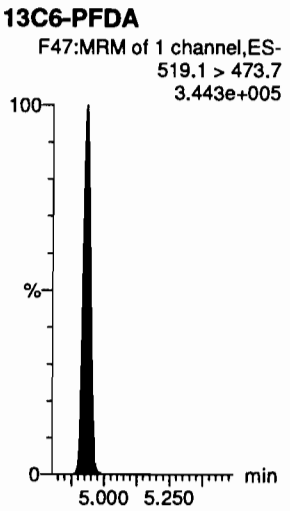
13C9-PFNA



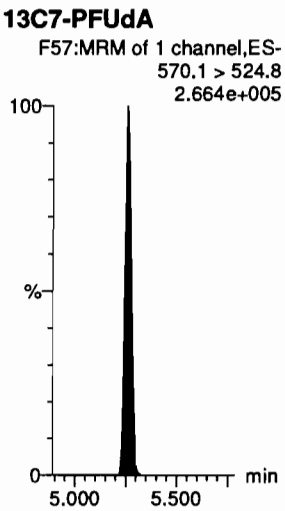
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

JSM 6/2/2020

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

1 PFBA	213.0 > 168.8	3006.224	3498.154	1.00	1.23	10.742	10.000	10.8	107.6	NO		
2 PFPrS	249 > 80	579.526	1088.341	1.00	1.55	6.656	10.000	9.10	91.0	NO	2.721	NO
3 3:3 FTCA	240.9 > 176.9	781.821	7492.041	1.00	2.02	1.304	10.000	10.2	101.6	NO	3.393	NO
4 PFPeA	263.1 > 218.9	5629.213	7492.041	1.00	2.16	9.392	10.000	10.8	108.1	NO		
5 PFBS	299.0 > 80	2129.350	1088.341	1.00	2.44	24.456	10.000	10.2	102.5	NO	2.560	NO
6 4:2 FTS	327.0 > 307	1119.029	1406.925	1.00	2.89	9.942	10.000	9.74	97.4	NO	0.605	NO
47 13C3-PFBA-EIS	216.1 > 171.8	3498.154		1.00	1.22	3498.154	12.500	12.1	96.7	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1088.341		1.00	2.44	1088.341	12.500	13.3	106.3	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	7492.041		1.00	2.16	7492.041	12.500	12.7	101.8	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	7492.041		1.00	2.16	7492.041	12.500	12.7	101.8	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1088.341		1.00	2.44	1088.341	12.500	13.3	106.3	NO		
55 13C2-4:2 FTS-EIS	329.0 >79.7	1406.925		1.00	2.89	1406.925	12.500	11.9	95.1	NO		
-1												
7 PFHxA	313.0 > 269.0	8970.078	10275.273	1.00	2.97	10.912	10.000	11.4	113.5	NO	16.965	NO
8 PFPeS	349.>80	1885.545	1088.341	1.00	3.18	21.656	10.000	11.7	116.5	NO	2.244	YES
9 HFPO-DA	285.1 > 168.9	1676.695	2118.776	1.00	3.20	9.892	10.000	10.0	100.4	NO	2.485	NO
10 5:3 FTCA	340.9 > 236.9	1829.160	9538.177	1.00	3.53	2.397	10.000	9.40	94.0	NO	1.659	NO
11 PFHpA	363.0 > 319	9931.312	9538.177	1.00	3.59	13.015	10.000	10.6	106.2	NO	49.393	NO
12 ADONA	376.8 > 250.9	16923.750	9538.177	1.00	3.70	22.179	10.000	10.7	106.8	NO	4.126	NO
57 13C2-PFHxA-EIS	315.0 > 270.0	10275.273		1.00	2.97	10275.273	12.500	12.1	96.8	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1088.341		1.00	2.44	1088.341	12.500	13.3	106.3	NO		
53 13C3-HFPO-DA-EIS	287.0 > 168.9	2118.776		1.00	3.20	2118.776	12.500	13.0	104.3	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9538.177		1.00	3.59	9538.177	12.500	13.2	105.3	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9538.177		1.00	3.59	9538.177	12.500	13.2	105.3	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9538.177		1.00	3.59	9538.177	12.500	13.2	105.3	NO		
-1												
13 L-PFHxS	399 > 79.9	1861.729	2151.321	1.00	3.73	10.817	10.000	10.2	101.5	NO	3.474	NO
15 6:2 FTS	427.0 > 407	1226.014	1260.750	1.00	4.04	12.156	10.000	10.3	102.5	NO	0.825	NO
16 L-PFOA	413 > 369	9434.285	10549.484	1.00	4.10	11.179	10.000	10.2	102.1	NO	3.210	NO
18 PFecHS	461 > 381.0	1974.342	10549.484	1.00	4.11	2.339	10.000	10.3	103.0	NO	0.567	NO
19 PFHpS	449.0 > 80	1688.955	2106.229	1.00	4.21	10.024	10.000	11.4	113.6	NO	1.808	NO
20 7:3 FTCA	440.9 > 336.9	2162.199	11239.948	1.00	4.53	2.405	10.000	9.15	91.5	NO	1.223	NO
61 13C3-PFHxS-EIS	402 > 80	2151.321		1.00	3.73	2151.321	12.500	12.5	100.3	NO		
63 13C2-6:2 FTS-EIS	429.0 >79.7	1260.750		1.00	4.04	1260.750	12.500	13.6	108.7	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	10549.484		1.00	4.10	10549.484	12.500	13.1	104.4	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	10549.484		1.00	4.10	10549.484	12.500	13.1	104.4	NO		

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Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

71	13C8-PFOS-EIS	507.1 > 80	2106.229		1.00	4.63	2106.229	12.500	12.6	100.7	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	11239.948		1.00	4.54	11239.948	12.500	13.6	108.7	NO		
-1													
21	PFNA	463.0 > 418.8	10201.979	11239.948	1.00	4.54	11.346	10.000	11.0	110.2	NO	12.525	NO
22	PFOSA	498 > 78	1901.301	3326.382	1.00	4.60	7.145	10.000	11.4	114.5	NO	21.854	NO
23	L-PFOS	499 > 80	2020.779	2106.229	1.00	4.63	11.993	10.000	9.83	98.3	NO	2.195	NO
25	9Cl-PF30NS	531 > 351	4900.710	2106.229	1.00	4.86	29.085	10.000	11.1	110.9	NO	45.060	NO
26	PFDA	513 > 469	9359.724	13531.886	1.00	4.93	8.646	10.000	9.83	98.3	NO	5.312	NO
27	8:2 FTS	527.1 > 507	875.261	1051.812	1.00	4.89	10.402	10.000	11.9	118.6	NO	0.618	NO
65	13C5-PFNA-EIS	468.2 > 422.9	11239.948		1.00	4.54	11239.948	12.500	13.6	108.7	NO		
67	13C8-PFOSA-EIS	506 > 78	3326.382		1.00	4.59	3326.382	12.500	12.9	103.2	NO		
71	13C8-PFOS-EIS	507.1 > 80	2106.229		1.00	4.63	2106.229	12.500	12.6	100.7	NO		
71	13C8-PFOS-EIS	507.1 > 80	2106.229		1.00	4.63	2106.229	12.500	12.6	100.7	NO		
73	13C2-PFDA-EIS	515.1 > 469.9	13531.886		1.00	4.93	13531.886	12.500	12.5	100.1	NO		
75	13C2-8:2 FTS-EIS	529 > 80	1051.812		1.00	4.90	1051.812	12.500	11.7	93.4	NO		
-1													
28	PFNS	549 > 80	2172.601	2106.229	1.00	4.99	12.894	10.000	11.6	116.4	NO	2.631	YES
29	L-MeFOSAA	570 > 419	3238.157	3349.521	1.00	5.08	12.084	10.000	10.6	105.7	NO	1.719	NO
31	L-EtFOSAA	584 > 419	3815.132	3311.196	1.00	5.25	14.402	10.000	10.3	102.6	NO	1.398	NO
33	PFUdA	563.0 > 519	10550.942	12207.000	1.00	5.26	10.804	10.000	10.4	103.7	NO	18.447	NO
34	PFDS	599.1 > 80.0	1933.890	2106.229	1.00	5.31	11.477	10.000	10.7	106.8	NO	1.894	YES
35	11Cl-PF30UdS	631 > 451	3524.042	13636.581	1.00	5.48	3.230	10.000	10.6	106.1	NO	17.721	NO
71	13C8-PFOS-EIS	507.1 > 80	2106.229		1.00	4.63	2106.229	12.500	12.6	100.7	NO		
77	d3-N-MeFOSAA-EIS	573.1 > 419	3349.521		1.00	5.08	3349.521	12.500	13.1	105.0	NO		
81	d5-N-EtFOSAA-EIS	589.3 > 419	3311.196		1.00	5.24	3311.196	12.500	13.0	103.7	NO		
79	13C2-PFUdA-EIS	565 > 519.8	12207.000		1.00	5.26	12207.000	12.500	12.4	99.1	NO		
71	13C8-PFOS-EIS	507.1 > 80	2106.229		1.00	4.63	2106.229	12.500	12.6	100.7	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	13636.581		1.00	5.55	13636.581	12.500	13.3	106.7	NO		
-1													
36	10:2 FTS	626.9 > 607	1241.300	669.873	1.00	5.54	23.163	10.000	11.4	114.4	NO	1.033	NO
37	PFDoA	612.9 > 569.0	10752.936	13636.581	1.00	5.55	9.857	10.000	10.2	102.2	NO	12.190	NO
38	N-MeFOSA	512.1 > 168.9	5047.672	12367.018	1.00	5.57	60.897	50.000	57.0	114.0	NO	2.001	NO
39	PFTrDA	662.9 > 618.9	10104.168	13636.581	1.00	5.81	9.262	10.000	10.2	101.6	NO	109.099	NO
40	PFDoS	699 > 80	2302.836	13770.180	1.00	5.83	2.090	10.000	9.36	93.6	NO	2.117	NO
41	PFTeDA	713.0 > 669.0	7991.772	13770.180	1.00	6.03	7.255	10.000	9.94	99.4	NO	15.009	YES
85	13C2-10:2 FTS-EIS	632.9 > 80.0	669.873		1.00	5.53	669.873	12.500	11.8	94.4	NO		

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Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

83 13C2-PFDoA-EIS	614.9 > 569.9	13636.581		1.00	5.55	13636.581	12.500	13.3	106.7	NO		
87 d3-N-MeFOSA-EIS	515.2 > 168.9	12367.018		1.00	5.60	12367.018	149.200	141	94.2	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	13636.581		1.00	5.55	13636.581	12.500	13.3	106.7	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	13770.180		1.00	6.03	13770.180	12.500	13.7	109.3	NO		
89 13C2-PFTeDA-EIS -1	715.1 > 669.7	13770.180		1.00	6.03	13770.180	12.500	13.7	109.3	NO		
42 N-EtFOSA	526.1 > 168.9	7077.302	17939.596	1.00	6.03	58.860	50.000	53.3	106.5	NO	1.884	NO
43 PFHxDA	813 > 769	15821.090	17492.449	1.00	6.37	11.306	10.000	10.3	103.3	NO	40.966	NO
44 PFODA	913.1 > 868.8	13206.056	17492.449	1.00	6.61	9.437	10.000	10.8	107.7	NO		
45 N-MeFOSE	616.1 > 58.9	5600.581	14979.806	1.00	6.26	55.782	50.000	54.1	108.2	NO		
46 N-EtFOSE	630.1 > 58.9	5951.130	16470.469	1.00	6.41	53.909	50.000	54.7	109.3	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	3498.154	3835.308	1.00	1.22	11.401	12.500	13.0	103.9	NO		
91 d5-N-ETFOSA-EIS	531.1 > 168.9	17939.596		1.00	6.05	17939.596	149.200	149	100.2	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	17492.449		1.00	6.37	17492.449	12.500	13.4	106.8	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	17492.449		1.00	6.37	17492.449	12.500	13.4	106.8	NO		
95 d7-N-MeFOSE-EIS	623.1 > 58.9	14979.806		1.00	6.25	14979.806	149.200	149	100.0	NO		
97 d9-N-EtFOSE-EIS	639.2 > 58.8	16470.469		1.00	6.40	16470.469	149.200	152	102.1	NO		
50 13C3-PFPeA-RSD -1	266.0 > 221.8	7474.662	11776.604	1.00	2.16	7.934	12.500	12.0	96.0	NO		
52 13C3-PFBS-RSD	302.0 > 98.9	1085.458	859.993	1.00	2.44	15.777	12.500	11.9	95.5	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	2118.776	11776.604	1.00	3.20	2.249	12.500	12.4	99.2	NO		
56 13C2-4:2 FTS-RSD	329.0 >79.7	1406.925	859.993	1.00	2.89	20.450	12.500	11.8	94.1	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	10275.273	11776.604	1.00	2.97	10.906	12.500	12.0	96.1	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	9538.177	11776.604	1.00	3.59	10.124	12.500	13.1	104.8	NO		
62 13C3-PFHxS-RSD	402 > 80	2151.321	859.993	1.00	3.73	31.269	12.500	12.5	100.2	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.7	1253.972	2631.736	1.00	4.04	5.956	12.500	12.7	101.8	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	11239.948	12450.313	1.00	4.54	11.285	12.500	11.8	94.5	NO		
68 13C8-PFOSA-RSD	506 > 78	3326.382	9848.316	1.00	4.59	4.222	12.500	11.5	92.2	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	10549.484	9512.736	1.00	4.10	13.862	12.500	12.5	100.4	NO		
72 13C8-PFOS-RSD	507.1 > 80	2106.229	2631.736	1.00	4.63	10.004	12.500	11.9	95.4	NO		
74 13C2-PFDA-RSD -1	515.1 > 469.9	13531.886	11180.371	1.00	4.93	15.129	12.500	12.1	96.5	NO		
76 13C2-8:2 FTS-RSD	529 > 80	1051.812	2631.736	1.00	4.90	4.996	12.500	11.0	87.8	NO		
78 d3-N-MeFOSAA-RSD	573.1 > 419	3349.521	9848.316	1.00	5.08	4.251	12.500	12.3	98.0	NO		
80 13C2-PFUdA-RSD	565 > 519.8	12207.000	9848.316	1.00	5.26	15.494	12.500	11.9	95.5	NO		
82 d5-N-EtFOSAA-RSD	589.3 > 419	3311.196	9848.316	1.00	5.24	4.203	12.500	12.4	99.3	NO		

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Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

84	13C2-PFDoA-RSD	614.9 > 569.9	13636.581	11180.371	1.00	5.55	15.246	12.500	11.7	94.0	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	669.873	2631.736	1.00	5.53	3.182	12.500	11.1	88.8	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	12367.018	9848.316	1.00	5.60	15.697	149.200	129	86.6	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	13770.180	9848.316	1.00	6.03	17.478	12.500	13.2	105.7	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	17939.596	9848.316	1.00	6.05	22.770	149.200	142	95.2	NO
94	13C2-PFHxDA-RSD	815 > 769.7	17492.449	9848.316	1.00	6.37	22.202	12.500	12.6	100.7	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	14979.806	9848.316	1.00	6.25	19.013	149.200	141	94.3	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	16470.469	9848.316	1.00	6.40	20.905	149.200	143	95.7	NO
-1											
99	13C4-PFBA	217.0 > 172.0	3835.308	3835.308	1.00	1.22	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	11776.604	11776.604	1.00	2.97	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	9512.736	9512.736	1.00	4.10	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	859.993	859.993	1.00	3.73	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	12450.313	12450.313	1.00	4.54	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	2631.736	2631.736	1.00	4.63	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	11180.371	11180.371	1.00	4.93	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	9848.316	9848.316	1.00	5.26	12.500	12.500	12.5	100.0	NO

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Vista Analytical Laboratory

Dataset: Untitled

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: PFBA

1 200527P1-1	IPA	27-May-20	12:10:12
2 200527P1-2	IPA	27-May-20	12:20:45
3 200527P1-3	TEST	27-May-20	12:31:14
4 200527P1-4	IPA	27-May-20	12:41:44
5 200527P1-5	ST200527P1-1 PFC CS-2 20E0505	27-May-20	12:52:16
6 200527P1-6	ST200527P1-2 PFC CS-1 20E0506	27-May-20	13:02:45
7 200527P1-7	ST200527P1-3 PFC CS0 20E0507	27-May-20	13:13:17
8 200527P1-8	ST200527P1-4 PFC CS1 20E0508	27-May-20	13:23:45
9 200527P1-9	ST200527P1-5 PFC CS2 20E0509	27-May-20	13:34:16
10 200527P1-10	ST200527P1-6 PFC CS3 20E0510	27-May-20	13:44:48
11 200527P1-11	ST200527P1-7 PFC CS4 20E0511	27-May-20	13:55:18
12 200527P1-12	ST200527P1-8 PFC CS5 20E0512.	27-May-20	14:05:49
13 200527P1-13	ST200527P1-9 PFC CS6 20E0513	27-May-20	14:16:17
14 200527P1-14	ST200527P1-10 PFC CS7 20E0514	27-May-20	14:26:48
15 200527P1-15	IB	27-May-20	14:37:19
16 200527P1-16	ICV200527P1-1 PFC ICV 20E0515	27-May-20	14:47:49
17 200527P1-17	IB	27-May-20	14:58:18
18 200527P1-18	B0E0141-BLK1 Method Blank 0.25	27-May-20	15:08:53
19 200527P1-19	B0E0141-BS1 OPR 0.25	27-May-20	15:19:19
20 200527P1-20	B0E0141-BSD1 LCSD 0.25	27-May-20	15:29:51
21 200527P1-21	2001055-02 BA2-IDW (liquid) 0.25411	27-May-20	15:40:20
22 200527P1-22	2001055-04 BA-3IDW (liquid) 0.25558	27-May-20	15:50:51
23 200527P1-23	2001055-06 BA1-IDW (liquid) 0.25933	27-May-20	16:01:22
24 200527P1-24	2001055-07 BA1-IDW (filtered) 0.25824	27-May-20	16:11:52
25 200527P1-25	2001055-09 BA2-IDW (filtered) 0.25435	27-May-20	16:22:21
26 200527P1-26	B0E0158-BLK1 Method Blank 0.125	27-May-20	16:32:51
27 200527P1-27	B0E0158-BS1 OPR 0.125	27-May-20	16:43:23
28 200527P1-28	2001078-01 FB-DI WATER 0.11628	27-May-20	16:53:52
29 200527P1-29	2001078-02 GW-EB-Metal filter 0.11441	27-May-20	17:04:23
30 200527P1-30	2001078-03 GW-FPC-4B 0.11463	27-May-20	17:14:53
31 200527P1-31	2001078-04 GW-MW-22S 0.11776	27-May-20	17:25:24
32 200527P1-32	2001078-05 GW-MW-22D2 0.11782	27-May-20	17:35:53

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Compound name: PFBA

33	200527P1-33	IB	27-May-20	17:46:24
34	200527P1-34	ST200527P1-11 PFC CS3 20E0510	27-May-20	17:56:53
35	200527P1-35	2001078-06 GW-MW-22D1 0.1143	27-May-20	18:07:26
36	200527P1-36	2001078-07 GW-AE-4A 0.11304	27-May-20	18:17:54
37	200527P1-37	2001078-08 GW-AE-4B 0.12089	27-May-20	18:28:26
38	200527P1-38	2001078-09 GW-OP-2 0.11247	27-May-20	18:38:56
39	200527P1-39	2001078-10 GW-MW-21D1 0.11396	27-May-20	18:49:27
40	200527P1-40	2001078-11 GW-MW-21D2 0.11006	27-May-20	18:59:55
41	200527P1-41	2001078-12 GW-MW-21S 0.11639	27-May-20	19:10:25
42	200527P1-42	2001078-13 GW-FPC-6A 0.1129	27-May-20	19:20:57
43	200527P1-43	2001078-14 GW-FPC-6B 0.11228	27-May-20	19:31:26
44	200527P1-44	2001078-15 GW-FPC-11A 0.11274	27-May-20	19:41:58
45	200527P1-45	IB	27-May-20	19:52:27
46	200527P1-46	ST200527P1-12 PFC CS3 20E0510	27-May-20	20:02:59
47	200527P1-47	2001078-16 GW-FPC-11B 0.11119	27-May-20	20:13:27
48	200527P1-48	2001078-17 GW-GZ-109 0.11381	27-May-20	20:24:00
49	200527P1-49	2001078-18 GW-GZ-117 0.1203	27-May-20	20:34:28
50	200527P1-50	2001078-19 GW-FPC-9A 0.11728	27-May-20	20:45:00
51	200527P1-51	B0E0112-BS2 OPR 0.125	27-May-20	20:55:30
52	200527P1-52	B0E0112-BS3 OPR 0.125	27-May-20	21:06:01
53	200527P1-53	2001051-11@5X GW2005121105RAP 0.24469	27-May-20	21:16:29
54	200527P1-54	2001051-12 GW2005121225RAP 0.25059	27-May-20	21:27:01
55	200527P1-55	2001051-19@5X GW2005131050MK 0.25826	27-May-20	21:37:31
56	200527P1-56	2001051-20@5X GW2005131050MK-FD 0.25354	27-May-20	21:48:02
57	200527P1-57	2001056-03 GW2005131105RAP 0.24561	27-May-20	21:58:30
58	200527P1-58	2000914-07 20041600515 0.24952	27-May-20	22:09:02
59	200527P1-59	IB	27-May-20	22:19:33
60	200527P1-60	ST200527P1-13 PFC CS3 20E0510	27-May-20	22:30:01
61	200527P1-61	B0E0166-BLK1 Method Blank 1	27-May-20	22:40:34
62	200527P1-62	B0E0166-BS1 OPR 1	27-May-20	22:51:03
63	200527P1-63	2000981-01RE2 20042900352 6.08	27-May-20	23:01:34
64	200527P1-64	2000981-02RE2 20042900353 5.13	27-May-20	23:12:05
65	200527P1-65	2000981-06RE2 20042900375 4.68	27-May-20	23:22:33
66	200527P1-66	B0E0174-BLK1 Method Blank 1	27-May-20	23:33:05
67	200527P1-67	B0E0174-BS1 OPR 1	27-May-20	23:43:33
68	200527P1-68	2001001-01RE1 20042900311 4.59	27-May-20	23:54:04

Dataset: Untitled

Last Altered: Thursday, May 28, 2020 11:41:04 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:41:24 Pacific Daylight Time

Compound name: PFBA

69	200527P1-69	B0E0155-BLK1 Method Blank 0.25	28-May-20	00:04:36
70	200527P1-70	B0E0155-BS1 OPR 0.25	28-May-20	00:15:04
71	200527P1-71	2001060-01 Field Blank 05142020 0.25033	28-May-20	00:25:37
72	200527P1-72	2001060-02 96-4 Comp 0.24646	28-May-20	00:36:06
73	200527P1-73	2001060-03 MH-X Comp 0.2397	28-May-20	00:46:37
74	200527P1-74	2001060-04 96-4 M3 Line 0.24022	28-May-20	00:57:06
75	200527P1-75	2001060-05 MH-X North 0.2466	28-May-20	01:07:38
76	200527P1-76	2001060-06 MH-X East 0.24741	28-May-20	01:18:06
77	200527P1-77	2001060-07 RO Grab 0.23461	28-May-20	01:28:38
78	200527P1-78	IB	28-May-20	01:39:09
79	200527P1-79	ST200527P1-14 PFC CS3 20E0510	28-May-20	01:49:38
80	200527P1-80	2001060-08 96-7 Comp 0.2381	28-May-20	02:00:10
81	200527P1-81	B0E0201-BLK1@5X Method Blank 0.001	28-May-20	02:10:38
82	200527P1-82	B0E0201-BS1@5X OPR 0.001	28-May-20	02:21:09
83	200527P1-83	2001079-01@5X Ovivir Five 0.001	28-May-20	02:31:38
84	200527P1-84	2001079-02@5X Virexll 256 0.001	28-May-20	02:42:10
85	200527P1-85	B0E0201-BLK1@20X Method Blank 0.001	28-May-20	02:52:39
86	200527P1-86	B0E0201-BS1@20X OPR 0.001	28-May-20	03:03:11
87	200527P1-87	2001079-01@20X Ovivir Five 0.001	28-May-20	03:13:42
88	200527P1-88	2001079-02@20X Virexll 256 0.001	28-May-20	03:24:10
89	200527P1-89	2001068-07@5X L-PHIIE 0.11516	28-May-20	03:34:41
90	200527P1-90	2001068-08@5X L-PHIIW 0.11885	28-May-20	03:45:12
91	200527P1-91	IB	28-May-20	03:55:41
92	200527P1-92	ST200527P1-15 PFC CS3 20E0510	28-May-20	04:06:13

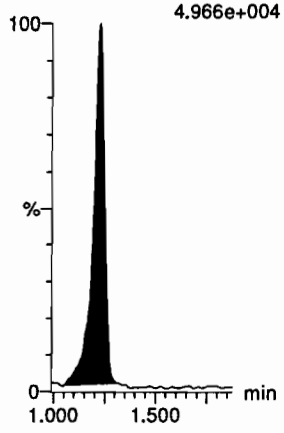
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

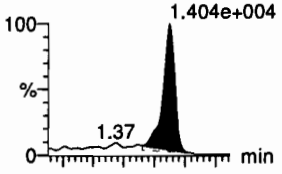
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

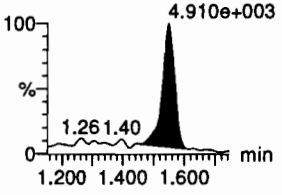
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
4.966e+004



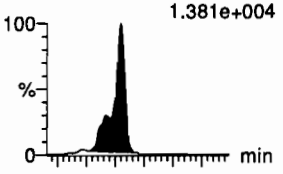
PFPrS
F6:MRM of 2 channels,ES-
249 > 80
1.404e+004



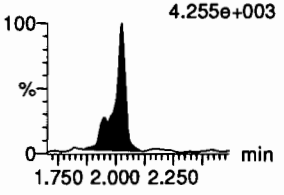
F6:MRM of 2 channels,ES-
249 > 98.9
4.910e+003



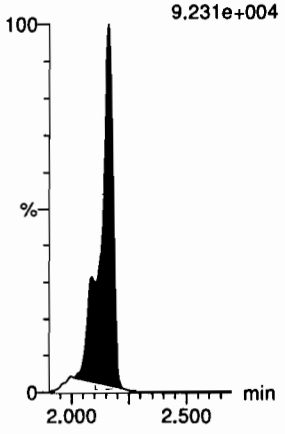
3:3 FTCA
F5:MRM of 2 channels,ES-
240.9 > 176.9
1.381e+004



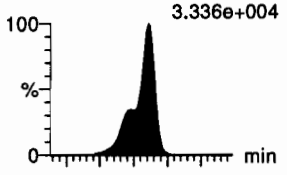
F5:MRM of 2 channels,ES-
240.9 > 116.9
4.255e+003



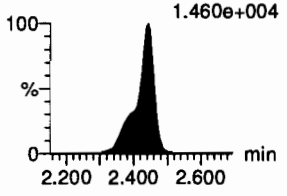
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
9.231e+004



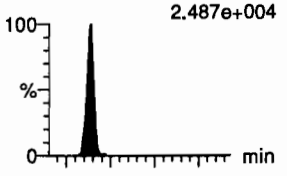
PFBS
F11:MRM of 2 channels,ES-
299.0 > 80
3.336e+004



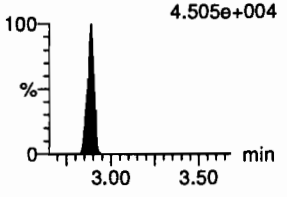
F11:MRM of 2 channels,ES-
299.0 > 98.9
1.460e+004



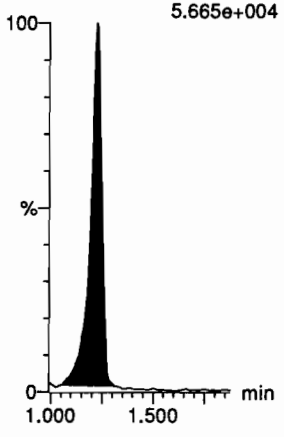
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 307
2.487e+004



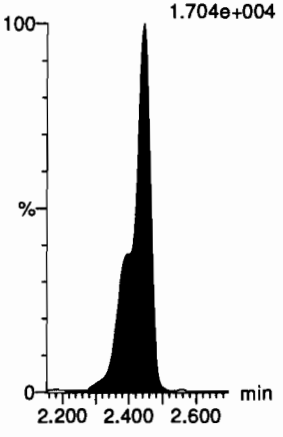
F16:MRM of 2 channels,ES-
327.0 > 81
4.505e+004



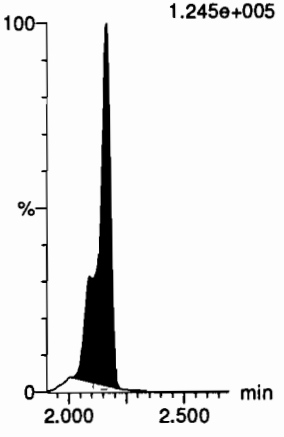
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.665e+004



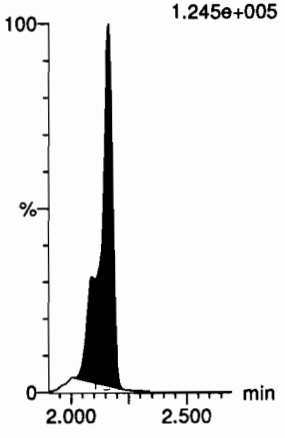
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.704e+004



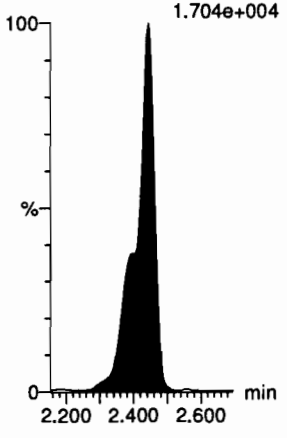
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.245e+005



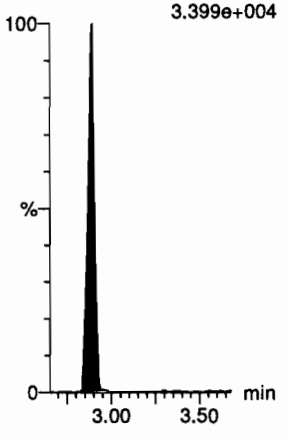
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.245e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.704e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.399e+004



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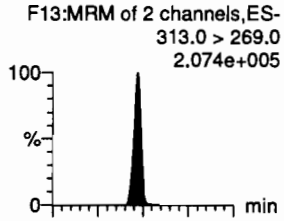
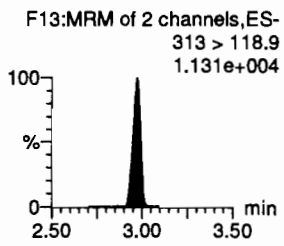
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

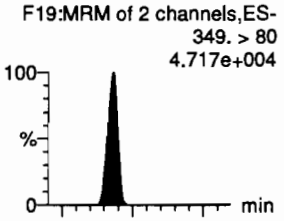
Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

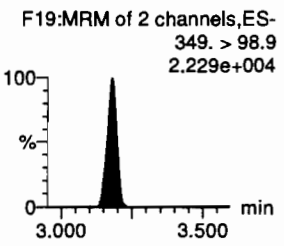
PFHxA



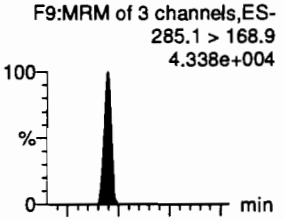


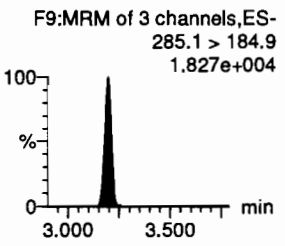
PFPeS



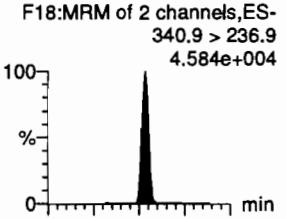


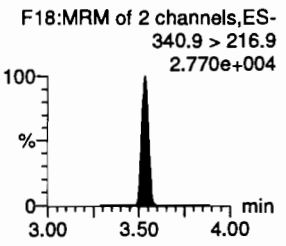
HFPO-DA



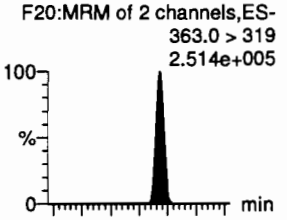


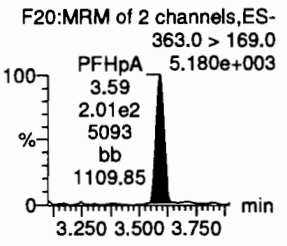
5:3 FTCA



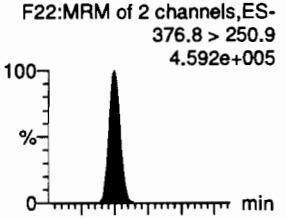


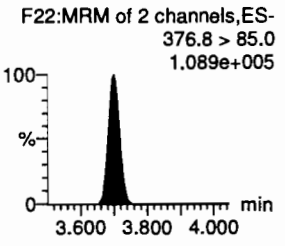
PFHpA



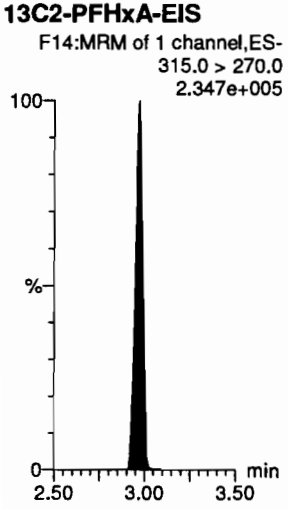


ADONA

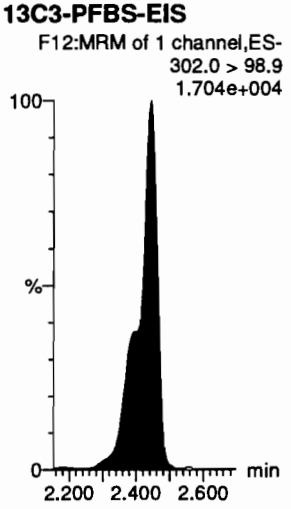




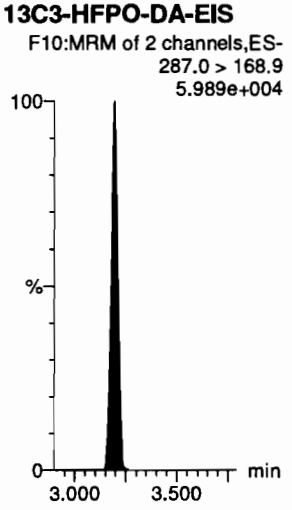
13C2-PFHxA-EIS



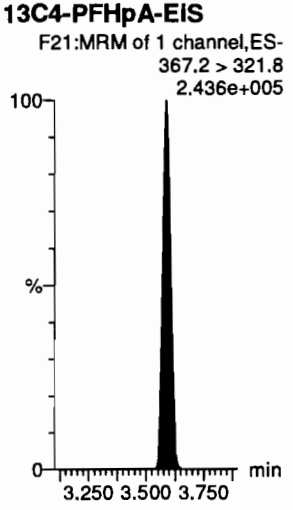
13C3-PFBS-EIS



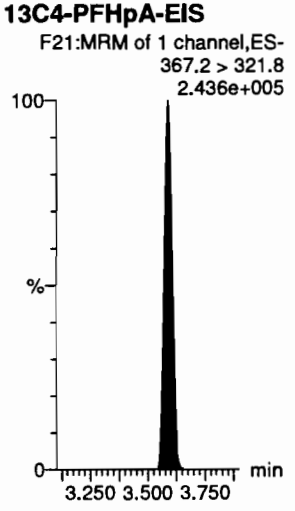
13C3-HFPO-DA-EIS



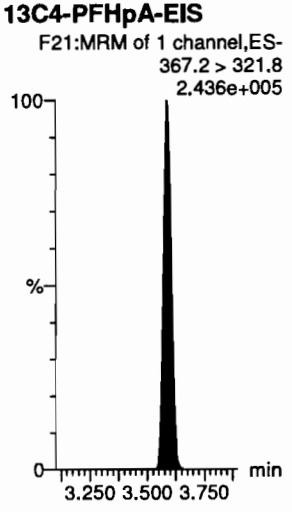
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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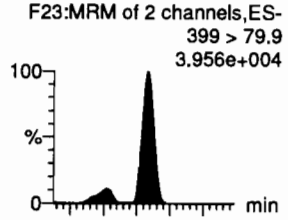
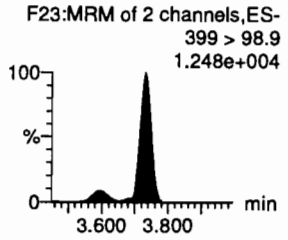
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

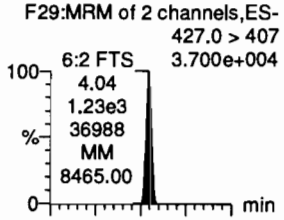
Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

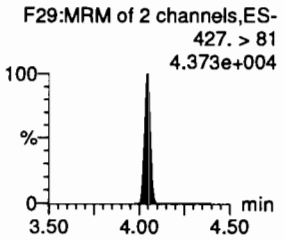
L-PFHxS



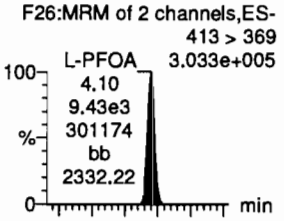


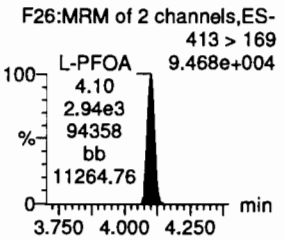
6:2 FTS



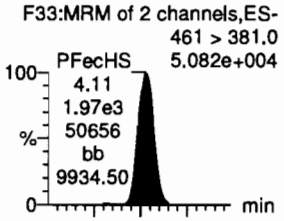


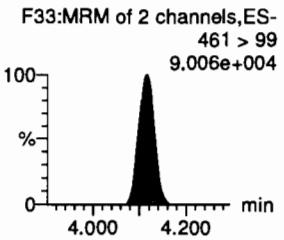
L-PFOA





PFEChS





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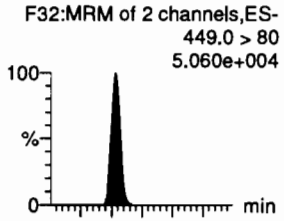
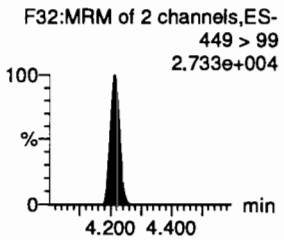
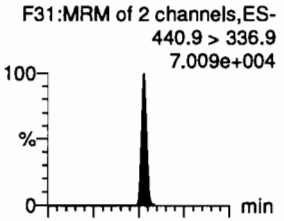
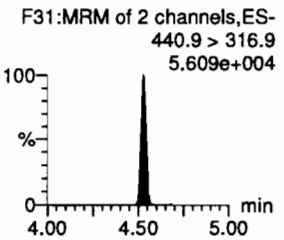


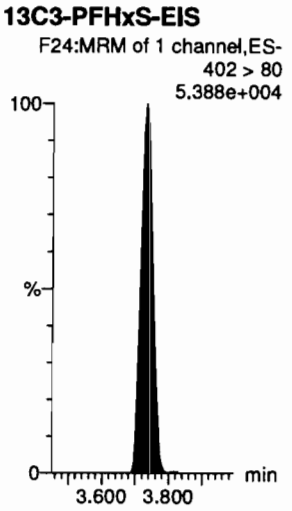


7:3 FTCA

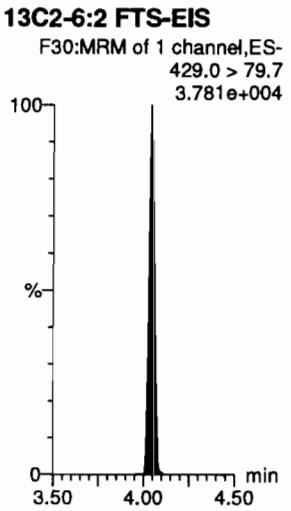




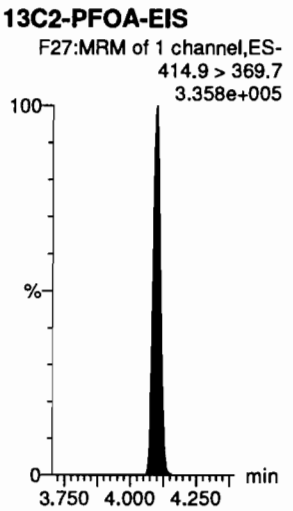
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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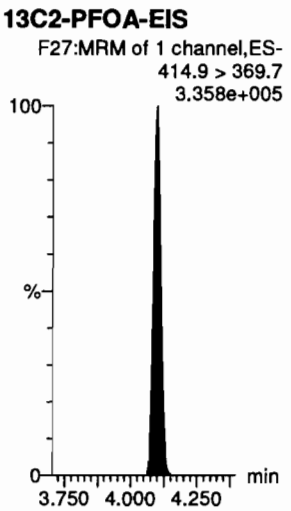
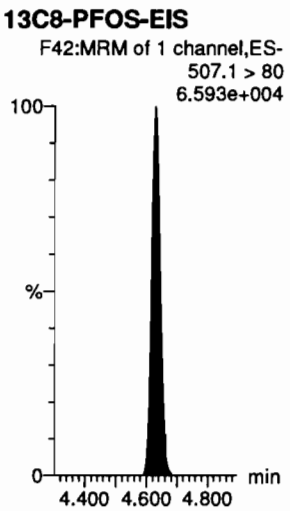
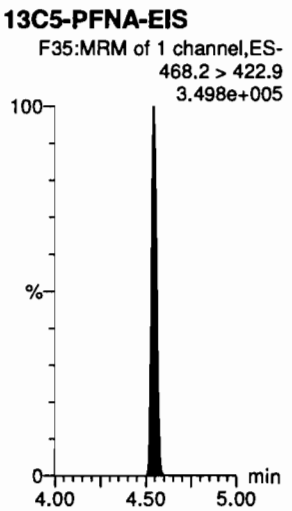


13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

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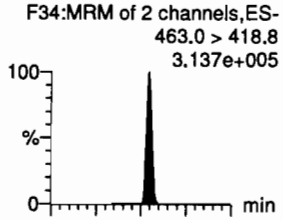
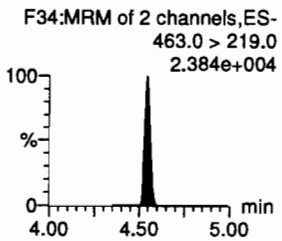
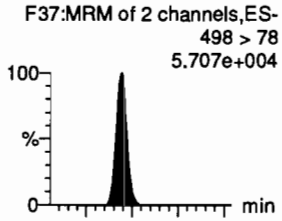
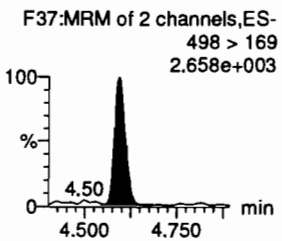


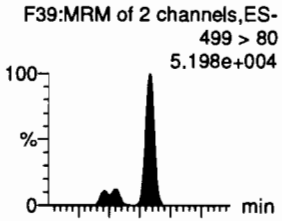


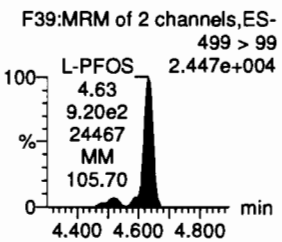
PFOSA



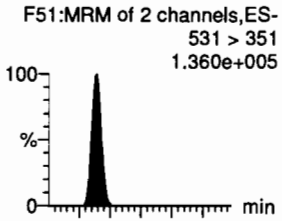


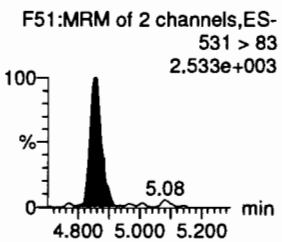
L-PFOS





9Cl-PF30NS





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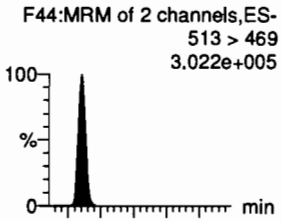
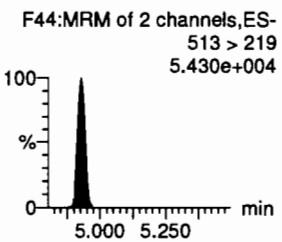
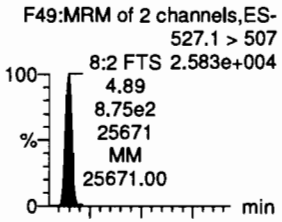
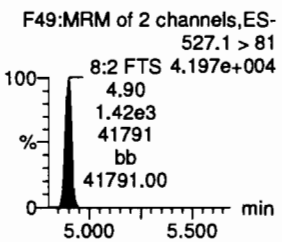


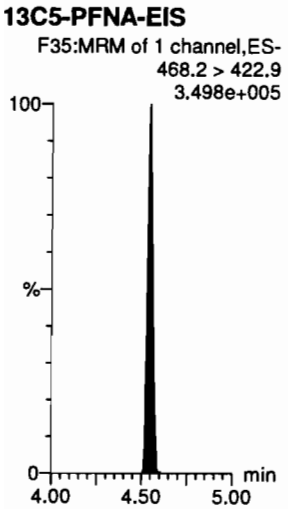


8:2 FTS

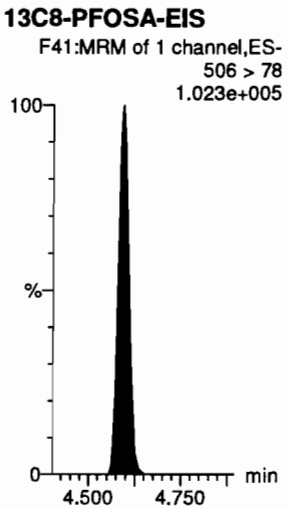




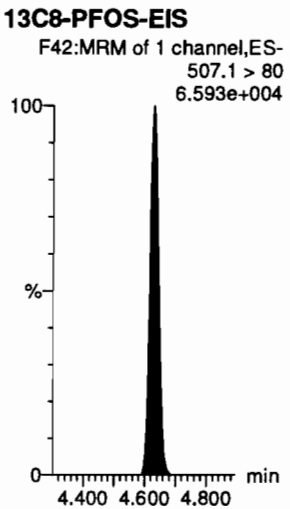
13C5-PFNA-EIS



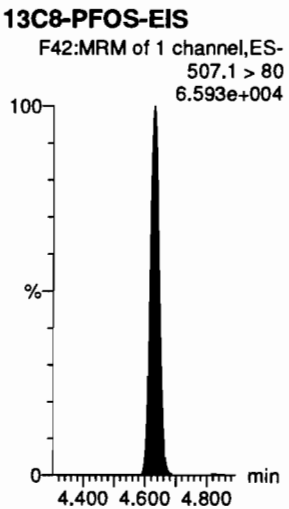
13C8-PFOSA-EIS



13C8-PFOS-EIS



13C8-PFOS-EIS



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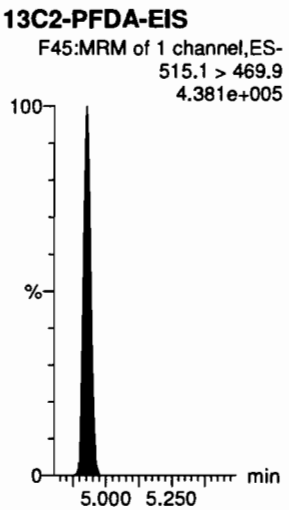
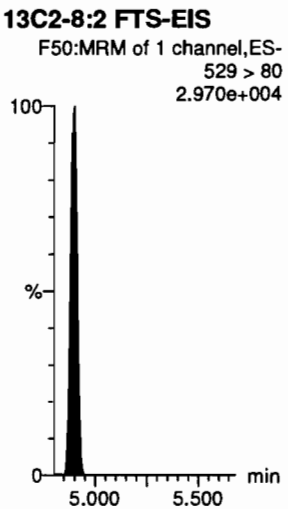


13C2-8:2 FTS-EIS



OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

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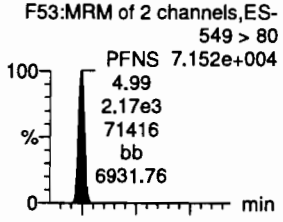

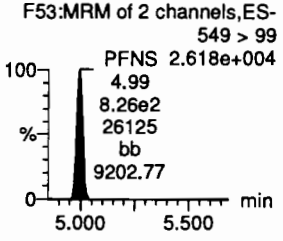

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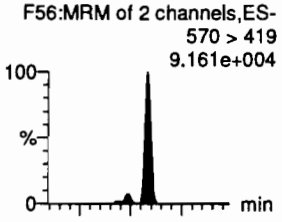
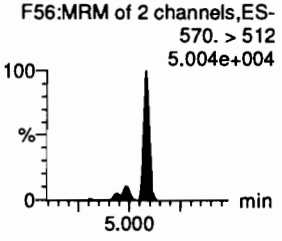
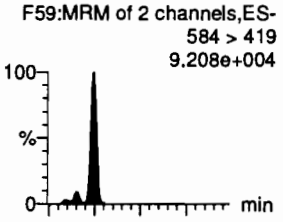
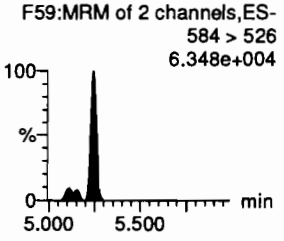




L-EtFOSAA





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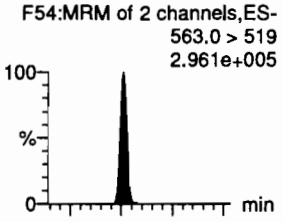

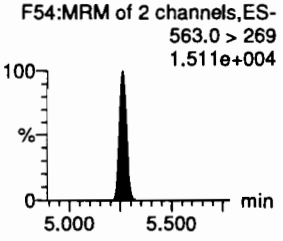

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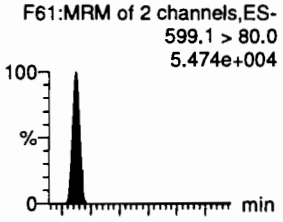

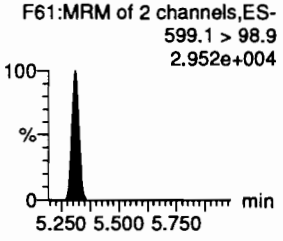

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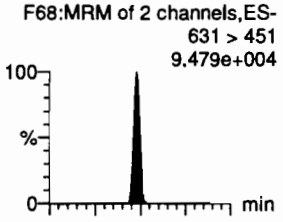
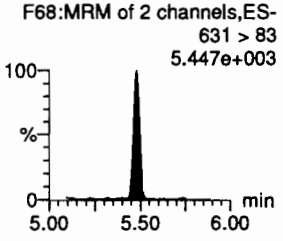
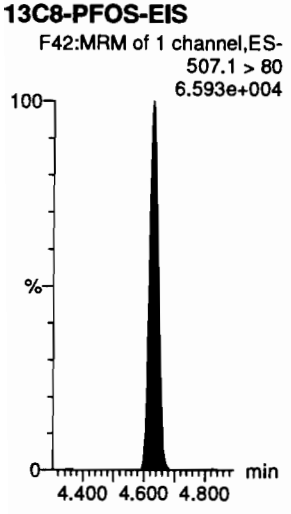
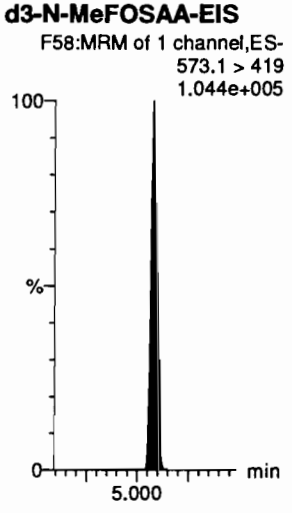




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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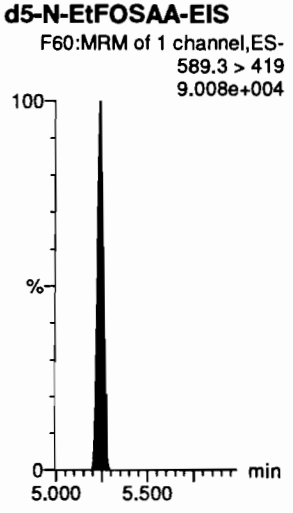

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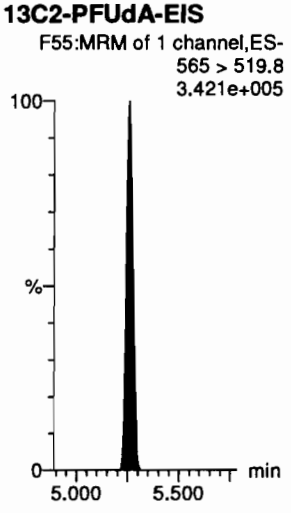

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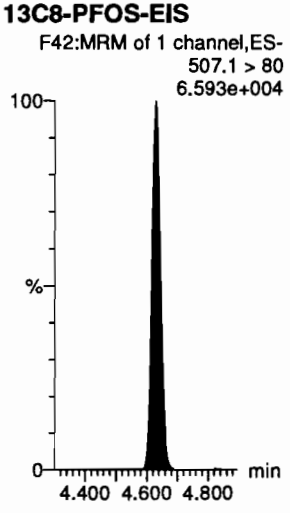

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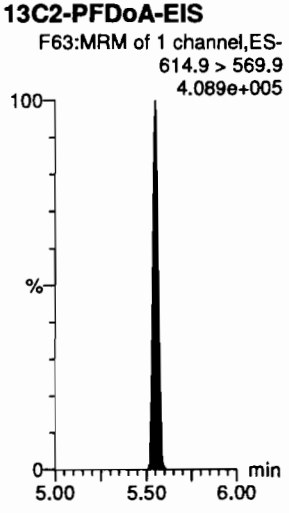

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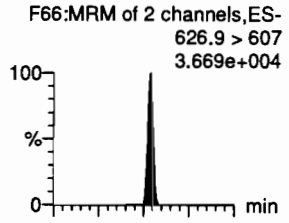
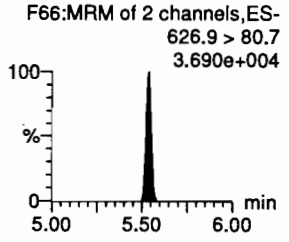
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

10:2 FTS





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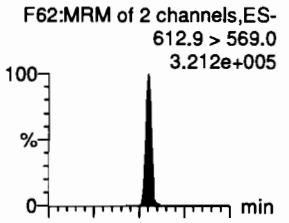
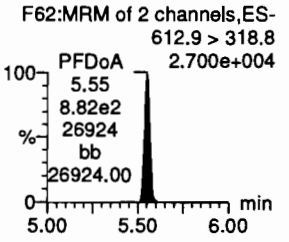
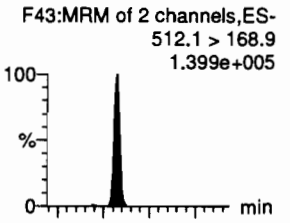
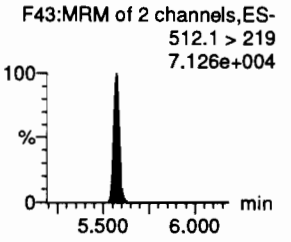




N-MeFOSA





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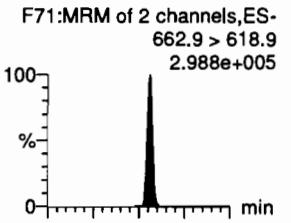
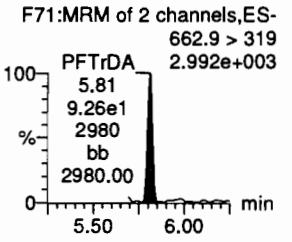
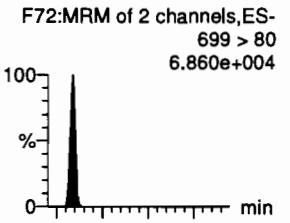
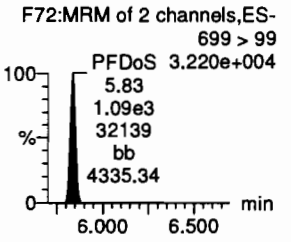


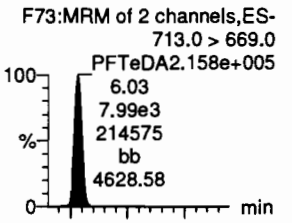


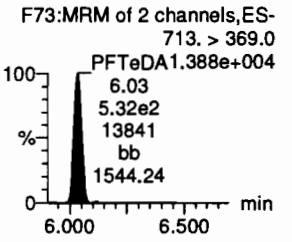
PFDoS



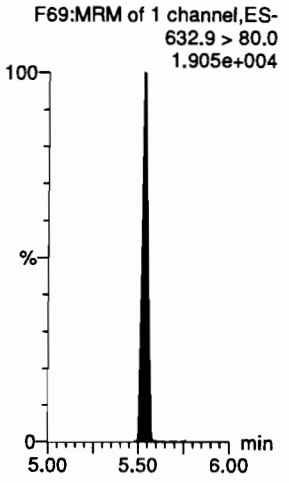


PFTeDA

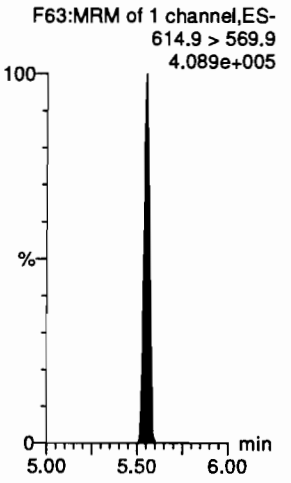




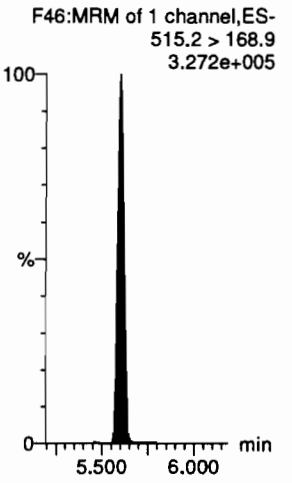
13C2-10:2 FTS-EIS



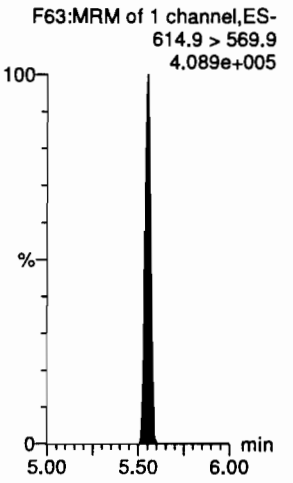
13C2-PFDoA-EIS



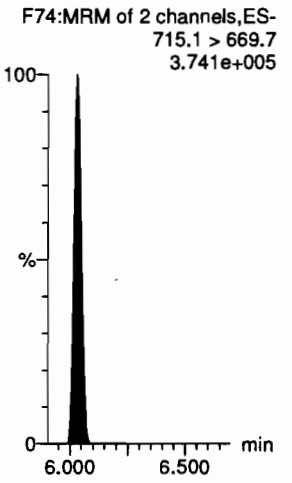
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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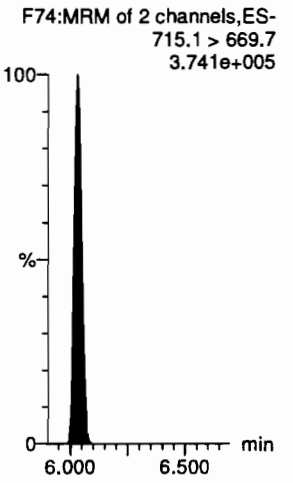


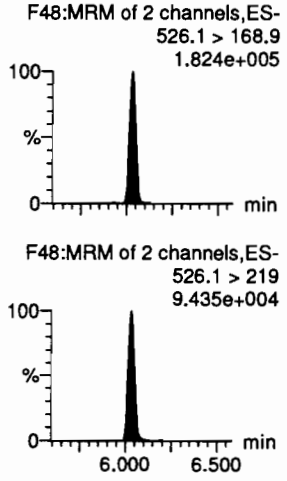
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

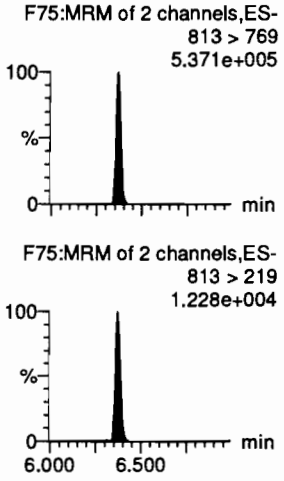
Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

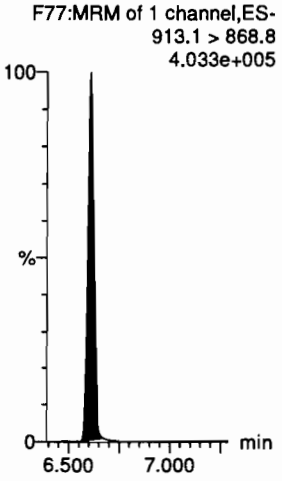
N-EtFOSA



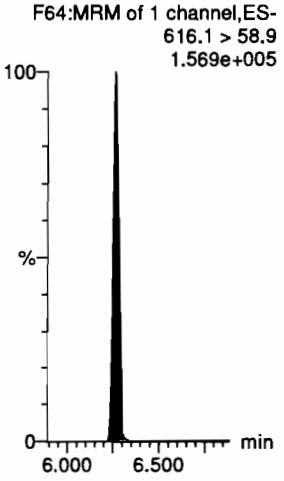
PFHxDA



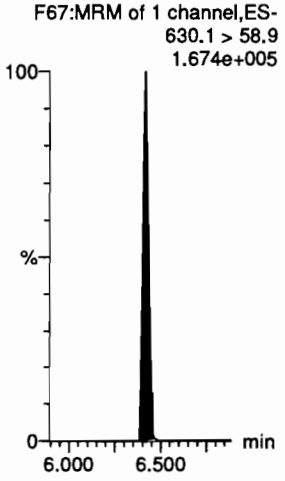
PFODA



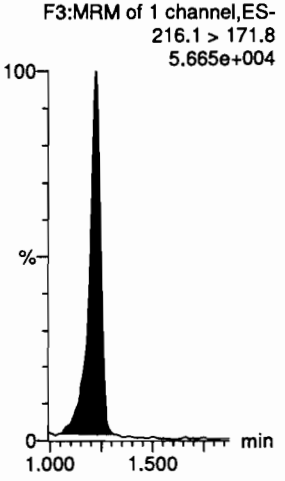
N-MeFOSE



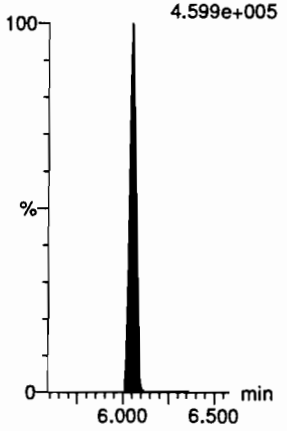
N-EtFOSE



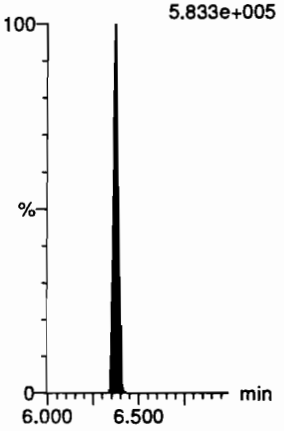
13C3-PFBA-RSD



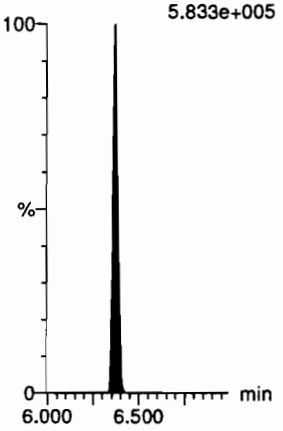
d5-N-ETFOSA-EIS



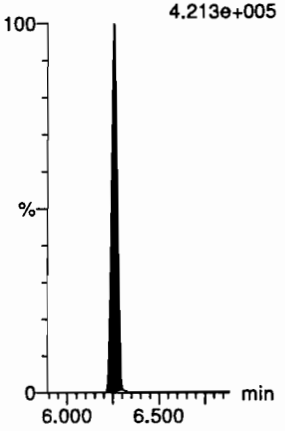
13C2-PFHxDA-EIS



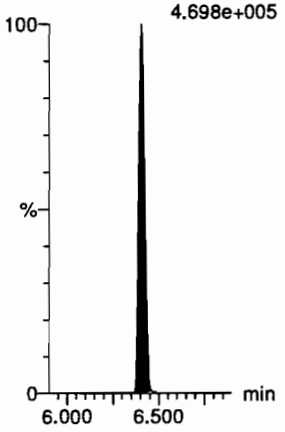
13C2-PFHxDA-EIS



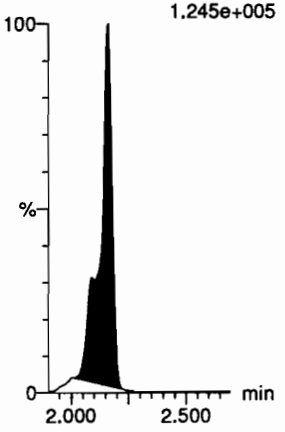
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



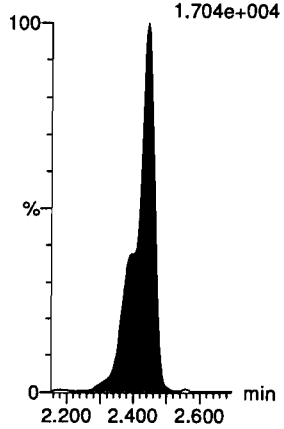
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

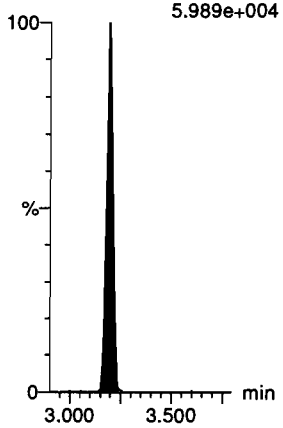
Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

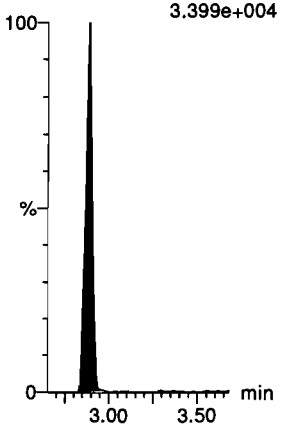
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.704e+004



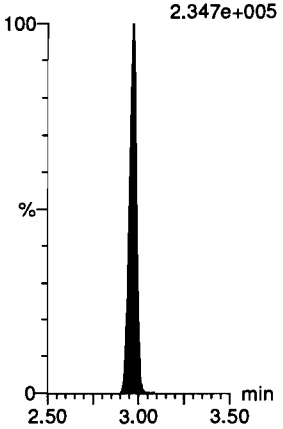
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.989e+004



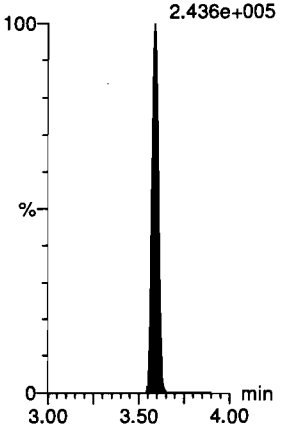
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.399e+004



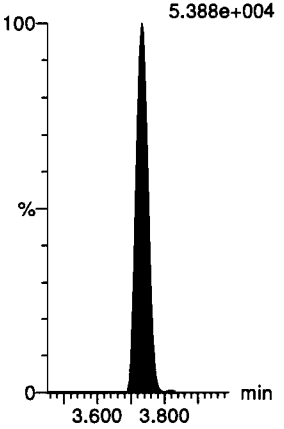
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.347e+005



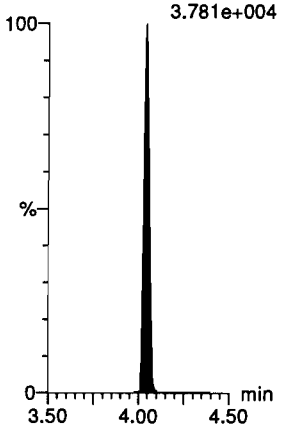
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.436e+005



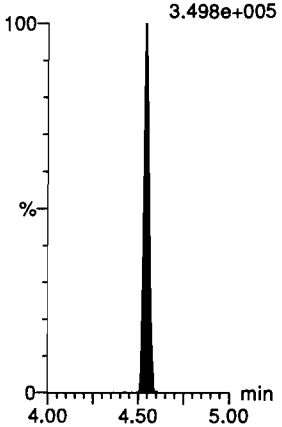
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.388e+004



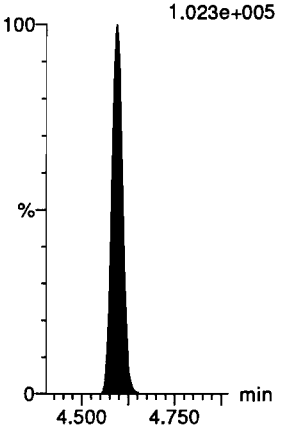
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.781e+004



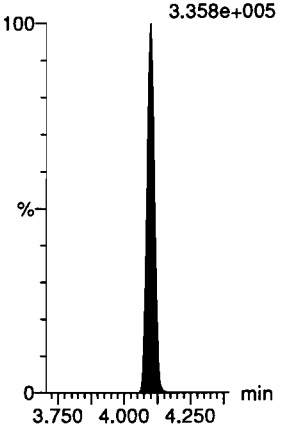
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.498e+005



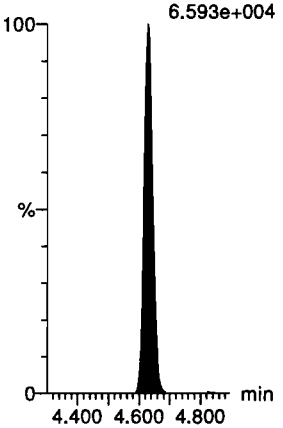
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.023e+005



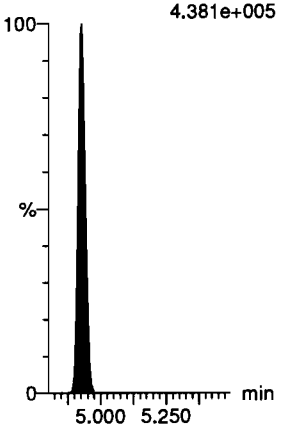
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.358e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.593e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.381e+005



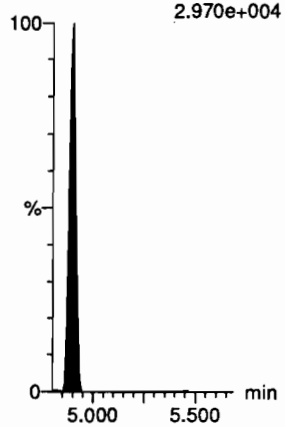
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-46.qld

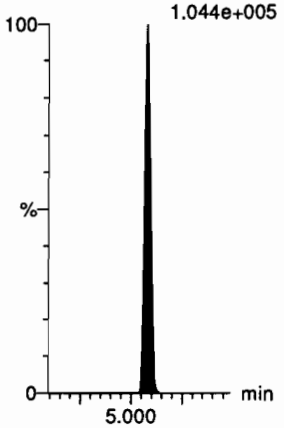
Last Altered: Thursday, May 28, 2020 11:10:45 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:11:30 Pacific Daylight Time

Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

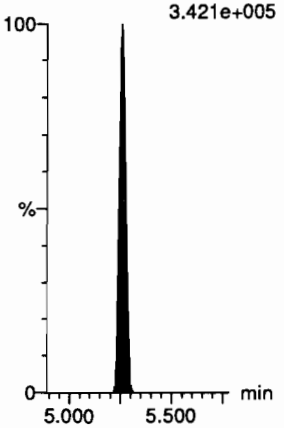
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
2.970e+004



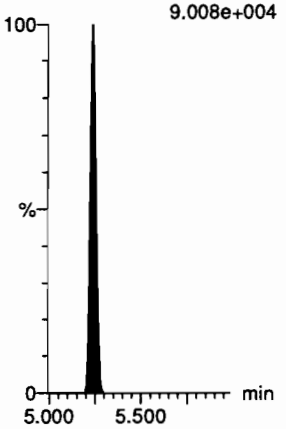
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.044e+005



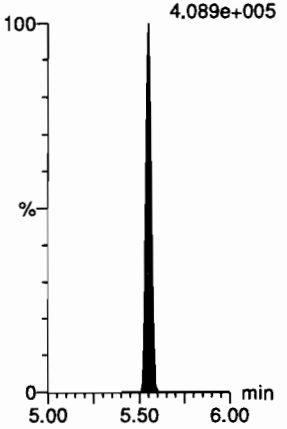
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.421e+005



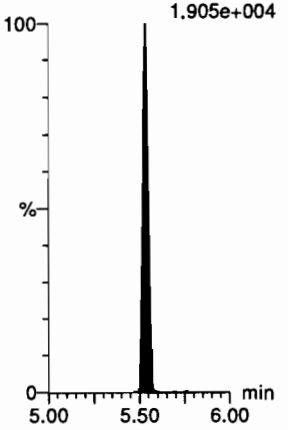
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.008e+004



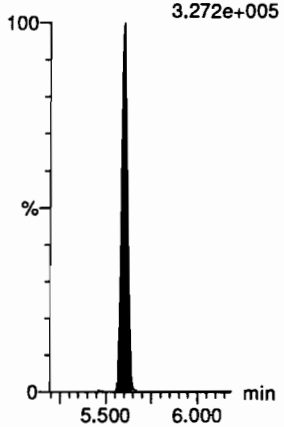
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.089e+005



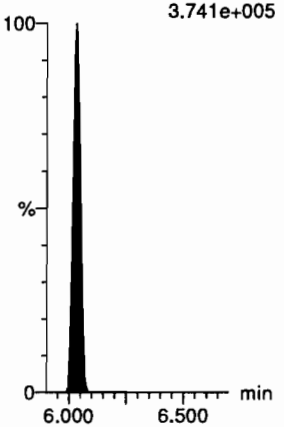
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
1.905e+004



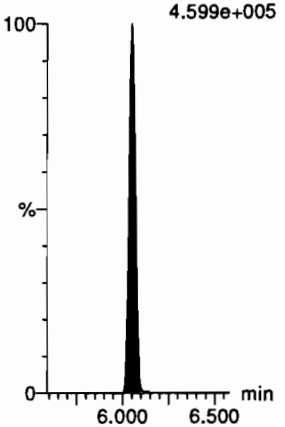
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.272e+005



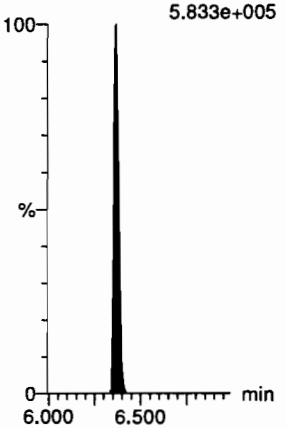
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.741e+005



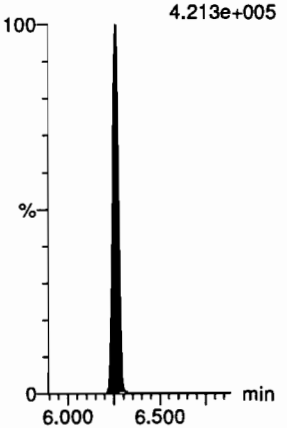
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.599e+005



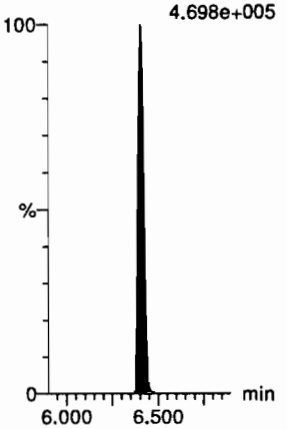
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.833e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.213e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.698e+005



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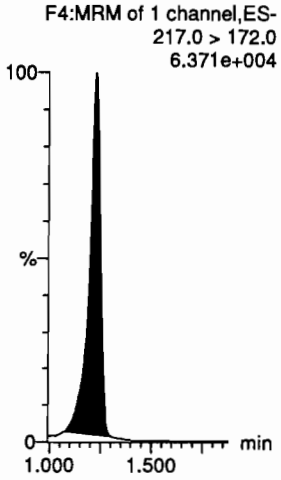
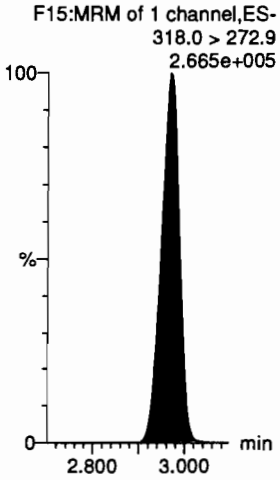
Name: 200527P1-46, Date: 27-May-2020, Time: 20:02:59, ID: ST200527P1-12 PFC CS3 20E0510, Description: PFC CS3 20E0510

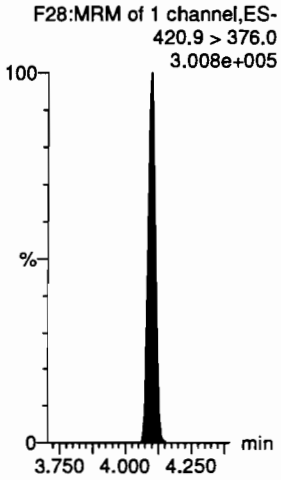
13C4-PFBA



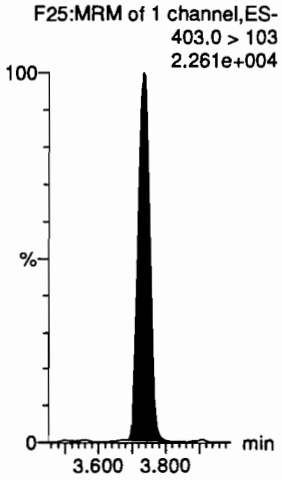
13C5-PFHxA



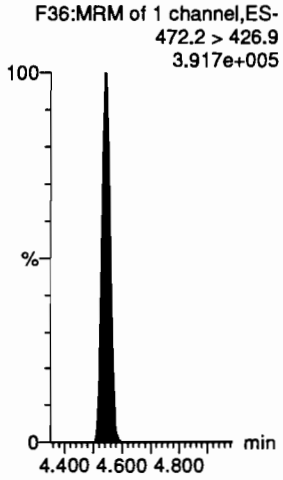
13C8-PFOA



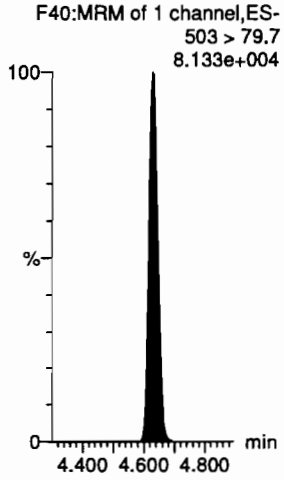
18O2-PFHxS



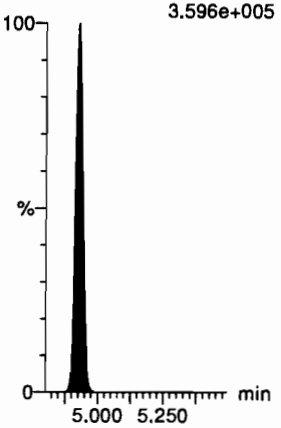
13C9-PFNA



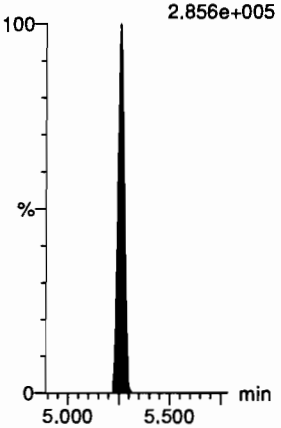
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

1	PFBA	213.0 > 168.8	3132.553	3575.332	1.00	1.24	10.952	10.000	11.0	109.7	NO		
2	PFPrS	249 > 80	626.845	1110.196	1.00	1.56	7.058	10.000	9.65	96.5	NO	2.741	NO
3	3:3 FTCA	240.9 > 176.9	825.272	7945.521	1.00	2.03	1.298	10.000	10.1	101.1	NO	3.583	NO
4	PFPeA	263.1 > 218.9	6168.152	7945.521	1.00	2.17	9.704	10.000	11.2	111.7	NO		
5	PFBS	299.0 > 80	2269.303	1110.196	1.00	2.45	25.551	10.000	10.7	107.1	NO	2.501	NO
6	4:2 FTS	327.0 > 307	1238.553	1438.959	1.00	2.90	10.759	10.000	10.5	105.5	NO	0.675	NO
47	13C3-PFBA-EIS	216.1 > 171.8	3575.332		1.00	1.24	3575.332	12.500	12.4	98.9	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1110.196		1.00	2.45	1110.196	12.500	13.6	108.4	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	7945.521		1.00	2.17	7945.521	12.500	13.5	107.9	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	7945.521		1.00	2.17	7945.521	12.500	13.5	107.9	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1110.196		1.00	2.45	1110.196	12.500	13.6	108.4	NO		
55	13C2-4:2 FTS-EIS	329.0 >79.7	1438.959		1.00	2.89	1438.959	12.500	12.2	97.2	NO		
-1													
7	PFHxA	313.0 > 269.0	9528.225	10673.893	1.00	2.98	11.158	10.000	11.6	116.1	NO	17.200	NO
8	PFPeS	349.>80	1872.490	1110.196	1.00	3.19	21.083	10.000	11.3	113.4	NO	2.193	YES
9	HFPO-DA	285.1 > 168.9	1834.609	2259.890	1.00	3.20	10.148	10.000	10.3	103.0	NO	2.355	NO
10	5:3 FTCA	340.9 > 236.9	1899.359	9743.828	1.00	3.54	2.437	10.000	9.55	95.5	NO	1.668	NO
11	PFHpA	363.0 > 319	10076.681	9743.828	1.00	3.60	12.927	10.000	10.5	105.5	NO	44.346	NO
12	ADONA	376.8 > 250.9	17078.693	9743.828	1.00	3.70	21.910	10.000	10.5	105.5	NO	4.045	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	10673.893		1.00	2.98	10673.893	12.500	12.6	100.6	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1110.196		1.00	2.45	1110.196	12.500	13.6	108.4	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	2259.890		1.00	3.20	2259.890	12.500	13.9	111.3	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9743.828		1.00	3.60	9743.828	12.500	13.5	107.6	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9743.828		1.00	3.60	9743.828	12.500	13.5	107.6	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	9743.828		1.00	3.60	9743.828	12.500	13.5	107.6	NO		
-1													
13	L-PFHxS	399 > 79.9	1981.458	1986.352	1.00	3.74	12.469	10.000	11.7	117.1	NO	3.578	NO
15	6:2 FTS	427.0 > 407	1278.936	1341.345	1.00	4.05	11.918	10.000	10.1	100.5	NO	0.831	NO
16	L-PFOA	413 > 369	9750.793	10782.950	1.00	4.11	11.303	10.000	10.3	103.2	NO	3.225	NO
18	PFecHS	461 > 381.0	2048.227	10782.950	1.00	4.12	2.374	10.000	10.5	104.6	NO	0.575	NO
19	PFHpS	449.0 > 80	1731.635	2065.611	1.00	4.22	10.479	10.000	11.9	118.8	NO	1.884	NO
20	7:3 FTCA	440.9 > 336.9	2270.084	11131.134	1.00	4.54	2.549	10.000	9.70	97.0	NO	1.339	NO
61	13C3-PFHxS-EIS	402 > 80	1986.352		1.00	3.74	1986.352	12.500	11.6	92.6	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.7	1341.345		1.00	4.05	1341.345	12.500	14.5	115.7	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	10782.950		1.00	4.11	10782.950	12.500	13.3	106.7	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	10782.950		1.00	4.11	10782.950	12.500	13.3	106.7	NO		

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Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

71	13C8-PFOS-EIS	507.1 > 80	2065.611		1.00	4.64	2065.611	12.500	12.3	98.8	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	11131.134		1.00	4.56	11131.134	12.500	13.5	107.6	NO		
-1													
21	PFNA	463.0 > 418.8	10330.869	11131.134	1.00	4.56	11.601	10.000	11.3	112.7	NO	13.281	NO
22	PFOSA	498 > 78	1813.673	3338.842	1.00	4.61	6.790	10.000	10.9	108.7	NO	21.069	NO
23	L-PFOS	499 > 80	2054.105	2065.611	1.00	4.64	12.430	10.000	10.2	101.8	NO	2.400	NO
25	9Cl-PF30NS	531 > 351	4956.432	2065.611	1.00	4.87	29.994	10.000	11.4	114.4	NO	39.167	NO
26	PFDA	513 > 469	9996.986	13557.123	1.00	4.94	9.217	10.000	10.5	104.8	NO	5.288	NO
27	8:2 FTS	527.1 > 507	772.673	1274.702	1.00	4.91	7.577	10.000	8.63	86.3	NO	0.517	NO
65	13C5-PFNA-EIS	468.2 > 422.9	11131.134		1.00	4.56	11131.134	12.500	13.5	107.6	NO		
67	13C8-PFOSA-EIS	506 > 78	3338.842		1.00	4.61	3338.842	12.500	12.9	103.5	NO		
71	13C8-PFOS-EIS	507.1 > 80	2065.611		1.00	4.64	2065.611	12.500	12.3	98.8	NO		
71	13C8-PFOS-EIS	507.1 > 80	2065.611		1.00	4.64	2065.611	12.500	12.3	98.8	NO		
73	13C2-PFDA-EIS	515.1 > 469.9	13557.123		1.00	4.94	13557.123	12.500	12.5	100.3	NO		
75	13C2-8:2 FTS-EIS	529 > 80	1274.702		1.00	4.91	1274.702	12.500	14.1	113.2	NO		
-1													
28	PFNS	549 > 80	2171.760	2065.611	1.00	5.00	13.142	10.000	11.9	118.7	NO	2.377	NO
29	L-MeFOSAA	570 > 419	3280.374	3284.336	1.00	5.09	12.485	10.000	10.9	109.2	NO	1.784	NO
31	L-EtFOSAA	584 > 419	4002.445	3414.593	1.00	5.25	14.652	10.000	10.4	104.3	NO	1.418	NO
33	PFUdA	563.0 > 519	11377.037	12807.342	1.00	5.27	11.104	10.000	10.7	106.6	NO	17.687	NO
34	PFDS	599.1 > 80.0	2144.040	2065.611	1.00	5.32	12.975	10.000	12.1	120.8	NO	2.279	YES
35	11Cl-PF30UdS	631 > 451	3624.119	13950.746	1.00	5.48	3.247	10.000	10.7	106.6	NO	19.567	NO
71	13C8-PFOS-EIS	507.1 > 80	2065.611		1.00	4.64	2065.611	12.500	12.3	98.8	NO		
77	d3-N-MeFOSAA-EIS	573.1 > 419	3284.336		1.00	5.09	3284.336	12.500	12.9	102.9	NO		
81	d5-N-EtFOSAA-EIS	589.3 > 419	3414.593		1.00	5.25	3414.593	12.500	13.4	106.9	NO		
79	13C2-PFUdA-EIS	565 > 519.8	12807.342		1.00	5.27	12807.342	12.500	13.0	104.0	NO		
71	13C8-PFOS-EIS	507.1 > 80	2065.611		1.00	4.64	2065.611	12.500	12.3	98.8	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	13950.746		1.00	5.55	13950.746	12.500	13.6	109.2	NO		
-1													
36	10:2 FTS	626.9 > 607	1110.211	795.361	1.00	5.54	17.448	10.000	8.62	86.2	NO	0.911	NO
37	PFDoA	612.9 > 569.0	11533.442	13950.746	1.00	5.55	10.334	10.000	10.7	107.1	NO	12.554	NO
38	N-MeFOSA	512.1 > 168.9	5212.681	12865.318	1.00	5.58	60.452	50.000	56.6	113.1	NO	2.104	NO
39	PFTrDA	662.9 > 618.9	11039.101	13950.746	1.00	5.80	9.891	10.000	10.9	108.5	NO	77.409	NO
40	PFDoS	699 > 80	2360.377	13438.310	1.00	5.83	2.196	10.000	9.83	98.3	NO	2.063	NO
41	PFTeDA	713.0 > 669.0	7997.463	13438.310	1.00	6.01	7.439	10.000	10.2	102.0	NO	15.729	YES
85	13C2-10:2 FTS-EIS	632.9 > 80.0	795.361		1.00	5.54	795.361	12.500	14.0	112.0	NO		

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83 13C2-PFDoA-EIS	614.9 > 569.9	13950.746		1.00	5.55	13950.746	12.500	13.6	109.2	NO		
87 d3-N-MeFOSA-EIS	515.2 > 168.9	12865.318		1.00	5.60	12865.318	149.200	146	98.0	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	13950.746		1.00	5.55	13950.746	12.500	13.6	109.2	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	13438.310		1.00	6.02	13438.310	12.500	13.3	106.7	NO		
89 13C2-PFTeDA-EIS	715.1 > 669.7	13438.310		1.00	6.02	13438.310	12.500	13.3	106.7	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	7053.854	18407.648	1.00	6.02	57.174	50.000	51.7	103.4	NO	1.850	NO
43 PFHxDA	813 > 769	15986.541	17018.152	1.00	6.36	11.742	10.000	10.7	107.4	NO	34.910	NO
44 PFODA	913.1 > 868.8	13468.192	17018.152	1.00	6.60	9.893	10.000	11.3	112.9	NO		
45 N-MeFOSE	616.1 > 58.9	5817.564	15804.480	1.00	6.25	54.920	50.000	53.3	106.5	NO		
46 N-EtFOSE	630.1 > 58.9	6274.370	17435.127	1.00	6.41	53.693	50.000	54.4	108.9	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	3577.234	4153.247	1.00	1.24	10.766	12.500	12.3	98.1	NO		
91 d5-N-ETFOSA-EIS	531.1 > 168.9	18407.648		1.00	6.04	18407.648	149.200	153	102.8	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	17018.152		1.00	6.36	17018.152	12.500	13.0	103.9	NO		
93 13C2-PFHxDA-EIS	815 > 769.7	17018.152		1.00	6.36	17018.152	12.500	13.0	103.9	NO		
95 d7-N-MeFOSE-EIS	623.1 > 58.9	15804.480		1.00	6.24	15804.480	149.200	157	105.5	NO		
97 d9-N-EtFOSE-EIS	639.2 > 58.8	17435.127		1.00	6.40	17435.127	149.200	161	108.1	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	7929.922	11996.567	1.00	2.17	8.263	12.500	12.5	99.9	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 98.9	1110.196	946.118	1.00	2.45	14.668	12.500	11.1	88.8	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	2259.890	11996.567	1.00	3.20	2.355	12.500	13.0	103.8	NO		
56 13C2-4:2 FTS-RSD	329.0 >79.7	1438.959	946.118	1.00	2.89	19.011	12.500	10.9	87.5	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	10673.893	11996.567	1.00	2.98	11.122	12.500	12.2	98.0	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	9743.828	11996.567	1.00	3.60	10.153	12.500	13.1	105.1	NO		
62 13C3-PFHxS-RSD	402 > 80	1986.352	946.118	1.00	3.74	26.243	12.500	10.5	84.1	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.7	1333.347	2667.067	1.00	4.05	6.249	12.500	13.3	106.8	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	11131.134	11872.164	1.00	4.56	11.720	12.500	12.3	98.1	NO		
68 13C8-PFOSA-RSD	506 > 78	3338.842	9590.762	1.00	4.61	4.352	12.500	11.9	95.0	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	10782.950	9614.523	1.00	4.11	14.019	12.500	12.7	101.5	NO		
72 13C8-PFOS-RSD	507.1 > 80	2065.611	2667.067	1.00	4.64	9.681	12.500	11.5	92.3	NO		
74 13C2-PFDA-RSD	515.1 > 469.9	13557.123	11167.521	1.00	4.94	15.175	12.500	12.1	96.8	NO		
-1												
76 13C2-8:2 FTS-RSD	529 > 80	1274.702	2667.067	1.00	4.91	5.974	12.500	13.1	105.0	NO		
78 d3-N-MeFOSAA-RSD	573.1 > 419	3284.336	9590.762	1.00	5.09	4.281	12.500	12.3	98.7	NO		
80 13C2-PFUdA-RSD	565 > 519.8	12807.342	9590.762	1.00	5.27	16.692	12.500	12.9	102.9	NO		
82 d5-N-EtFOSAA-RSD	589.3 > 419	3414.593	9590.762	1.00	5.25	4.450	12.500	13.1	105.2	NO		

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84	13C2-PFDoA-RSD	614.9 > 569.9	13950.746	11167.521	1.00	5.55	15.615	12.500	12.0	96.3	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	795.361	2667.067	1.00	5.54	3.728	12.500	13.0	104.1	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	12865.318	9590.762	1.00	5.60	16.768	149.200	138	92.5	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	13438.310	9590.762	1.00	6.02	17.515	12.500	13.2	105.9	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	18407.648	9590.762	1.00	6.04	23.991	149.200	150	100.4	NO
94	13C2-PFHxDA-RSD	815 > 769.7	17018.152	9590.762	1.00	6.36	22.180	12.500	12.6	100.6	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	15804.480	9590.762	1.00	6.24	20.599	149.200	152	102.1	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	17435.127	9590.762	1.00	6.40	22.724	149.200	155	104.0	NO
-1											
99	13C4-PFBA	217.0 > 172.0	4153.247	4153.247	1.00	1.24	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	11996.567	11996.567	1.00	2.98	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	9614.523	9614.523	1.00	4.11	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	946.118	946.118	1.00	3.74	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	11872.164	11872.164	1.00	4.56	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	2667.067	2667.067	1.00	4.64	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	11167.521	11167.521	1.00	4.94	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	9590.762	9590.762	1.00	5.27	12.500	12.500	12.5	100.0	NO

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Dataset: Untitled

Last Altered: Thursday, May 28, 2020 11:41:04 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:41:24 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: PFBA

1	200527P1-1	IPA	27-May-20	12:10:12
2	200527P1-2	IPA	27-May-20	12:20:45
3	200527P1-3	TEST	27-May-20	12:31:14
4	200527P1-4	IPA	27-May-20	12:41:44
5	200527P1-5	ST200527P1-1 PFC CS-2 20E0505	27-May-20	12:52:16
6	200527P1-6	ST200527P1-2 PFC CS-1 20E0506	27-May-20	13:02:45
7	200527P1-7	ST200527P1-3 PFC CS0 20E0507	27-May-20	13:13:17
8	200527P1-8	ST200527P1-4 PFC CS1 20E0508	27-May-20	13:23:45
9	200527P1-9	ST200527P1-5 PFC CS2 20E0509	27-May-20	13:34:16
10	200527P1-10	ST200527P1-6 PFC CS3 20E0510	27-May-20	13:44:48
11	200527P1-11	ST200527P1-7 PFC CS4 20E0511	27-May-20	13:55:18
12	200527P1-12	ST200527P1-8 PFC CS5 20E0512.	27-May-20	14:05:49
13	200527P1-13	ST200527P1-9 PFC CS6 20E0513	27-May-20	14:16:17
14	200527P1-14	ST200527P1-10 PFC CS7 20E0514	27-May-20	14:26:48
15	200527P1-15	IB	27-May-20	14:37:19
16	200527P1-16	ICV200527P1-1 PFC ICV 20E0515	27-May-20	14:47:49
17	200527P1-17	IB	27-May-20	14:58:18
18	200527P1-18	B0E0141-BLK1 Method Blank 0.25	27-May-20	15:08:53
19	200527P1-19	B0E0141-BS1 OPR 0.25	27-May-20	15:19:19
20	200527P1-20	B0E0141-BSD1 LCSD 0.25	27-May-20	15:29:51
21	200527P1-21	2001055-02 BA2-IDW (liquid) 0.25411	27-May-20	15:40:20
22	200527P1-22	2001055-04 BA-3IDW (liquid) 0.25558	27-May-20	15:50:51
23	200527P1-23	2001055-06 BA1-IDW (liquid) 0.25933	27-May-20	16:01:22
24	200527P1-24	2001055-07 BA1-IDW (filtered) 0.25824	27-May-20	16:11:52
25	200527P1-25	2001055-09 BA2-IDW (filtered) 0.25435	27-May-20	16:22:21
26	200527P1-26	B0E0158-BLK1 Method Blank 0.125	27-May-20	16:32:51
27	200527P1-27	B0E0158-BS1 OPR 0.125	27-May-20	16:43:23
28	200527P1-28	2001078-01 FB-DI WATER 0.11628	27-May-20	16:53:52
29	200527P1-29	2001078-02 GW-EB-Metal filter 0.11441	27-May-20	17:04:23
30	200527P1-30	2001078-03 GW-FPC-4B 0.11463	27-May-20	17:14:53
31	200527P1-31	2001078-04 GW-MW-22S 0.11776	27-May-20	17:25:24
32	200527P1-32	2001078-05 GW-MW-22D2 0.11782	27-May-20	17:35:53

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Last Altered: Thursday, May 28, 2020 11:41:04 Pacific Daylight Time
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Compound name: PFBA

33	200527P1-33	IB	27-May-20	17:46:24
34	200527P1-34	ST200527P1-11 PFC CS3 20E0510	27-May-20	17:56:53
35	200527P1-35	2001078-06 GW-MW-22D1 0.1143	27-May-20	18:07:26
36	200527P1-36	2001078-07 GW-AE-4A 0.11304	27-May-20	18:17:54
37	200527P1-37	2001078-08 GW-AE-4B 0.12089	27-May-20	18:28:26
38	200527P1-38	2001078-09 GW-OP-2 0.11247	27-May-20	18:38:56
39	200527P1-39	2001078-10 GW-MW-21D1 0.11396	27-May-20	18:49:27
40	200527P1-40	2001078-11 GW-MW-21D2 0.11006	27-May-20	18:59:55
41	200527P1-41	2001078-12 GW-MW-21S 0.11639	27-May-20	19:10:25
42	200527P1-42	2001078-13 GW-FPC-6A 0.1129	27-May-20	19:20:57
43	200527P1-43	2001078-14 GW-FPC-6B 0.11228	27-May-20	19:31:26
44	200527P1-44	2001078-15 GW-FPC-11A 0.11274	27-May-20	19:41:58
45	200527P1-45	IB	27-May-20	19:52:27
46	200527P1-46	ST200527P1-12 PFC CS3 20E0510	27-May-20	20:02:59
47	200527P1-47	2001078-16 GW-FPC-11B 0.11119	27-May-20	20:13:27
48	200527P1-48	2001078-17 GW-GZ-109 0.11381	27-May-20	20:24:00
49	200527P1-49	2001078-18 GW-GZ-117 0.1203	27-May-20	20:34:28
50	200527P1-50	2001078-19 GW-FPC-9A 0.11728	27-May-20	20:45:00
51	200527P1-51	B0E0112-BS2 OPR 0.125	27-May-20	20:55:30
52	200527P1-52	B0E0112-BS3 OPR 0.125	27-May-20	21:06:01
53	200527P1-53	2001051-11@5X GW2005121105RAP 0.24469	27-May-20	21:16:29
54	200527P1-54	2001051-12 GW2005121225RAP 0.25059	27-May-20	21:27:01
55	200527P1-55	2001051-19@5X GW2005131050MK 0.25826	27-May-20	21:37:31
56	200527P1-56	2001051-20@5X GW2005131050MK-FD 0.25354	27-May-20	21:48:02
57	200527P1-57	2001056-03 GW2005131105RAP 0.24561	27-May-20	21:58:30
58	200527P1-58	2000914-07 20041600515 0.24952	27-May-20	22:09:02
59	200527P1-59	IB	27-May-20	22:19:33
60	200527P1-60	ST200527P1-13 PFC CS3 20E0510	27-May-20	22:30:01
61	200527P1-61	B0E0166-BLK1 Method Blank 1	27-May-20	22:40:34
62	200527P1-62	B0E0166-BS1 OPR 1	27-May-20	22:51:03
63	200527P1-63	2000981-01RE2 20042900352 6.08	27-May-20	23:01:34
64	200527P1-64	2000981-02RE2 20042900353 5.13	27-May-20	23:12:05
65	200527P1-65	2000981-06RE2 20042900375 4.68	27-May-20	23:22:33
66	200527P1-66	B0E0174-BLK1 Method Blank 1	27-May-20	23:33:05
67	200527P1-67	B0E0174-BS1 OPR 1	27-May-20	23:43:33
68	200527P1-68	2001001-01RE1 20042900311 4.59	27-May-20	23:54:04

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Last Altered: Thursday, May 28, 2020 11:41:04 Pacific Daylight Time
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Compound name: PFBA

69	200527P1-69	B0E0155-BLK1 Method Blank 0.25	28-May-20	00:04:36
70	200527P1-70	B0E0155-BS1 OPR 0.25	28-May-20	00:15:04
71	200527P1-71	2001060-01 Field Blank 05142020 0.25033	28-May-20	00:25:37
72	200527P1-72	2001060-02 96-4 Comp 0.24646	28-May-20	00:36:06
73	200527P1-73	2001060-03 MH-X Comp 0.2397	28-May-20	00:46:37
74	200527P1-74	2001060-04 96-4 M3 Line 0.24022	28-May-20	00:57:06
75	200527P1-75	2001060-05 MH-X North 0.2466	28-May-20	01:07:38
76	200527P1-76	2001060-06 MH-X East 0.24741	28-May-20	01:18:06
77	200527P1-77	2001060-07 RO Grab 0.23461	28-May-20	01:28:38
78	200527P1-78	IB	28-May-20	01:39:09
79	200527P1-79	ST200527P1-14 PFC CS3 20E0510	28-May-20	01:49:38
80	200527P1-80	2001060-08 96-7 Comp 0.2381	28-May-20	02:00:10
81	200527P1-81	B0E0201-BLK1@5X Method Blank 0.001	28-May-20	02:10:38
82	200527P1-82	B0E0201-BS1@5X OPR 0.001	28-May-20	02:21:09
83	200527P1-83	2001079-01@5X Ovivir Five 0.001	28-May-20	02:31:38
84	200527P1-84	2001079-02@5X Virexll 256 0.001	28-May-20	02:42:10
85	200527P1-85	B0E0201-BLK1@20X Method Blank 0.001	28-May-20	02:52:39
86	200527P1-86	B0E0201-BS1@20X OPR 0.001	28-May-20	03:03:11
87	200527P1-87	2001079-01@20X Ovivir Five 0.001	28-May-20	03:13:42
88	200527P1-88	2001079-02@20X Virexll 256 0.001	28-May-20	03:24:10
89	200527P1-89	2001068-07@5X L-PHIIE 0.11516	28-May-20	03:34:41
90	200527P1-90	2001068-08@5X L-PHIIW 0.11885	28-May-20	03:45:12
91	200527P1-91	IB	28-May-20	03:55:41
92	200527P1-92	ST200527P1-15 PFC CS3 20E0510	28-May-20	04:06:13

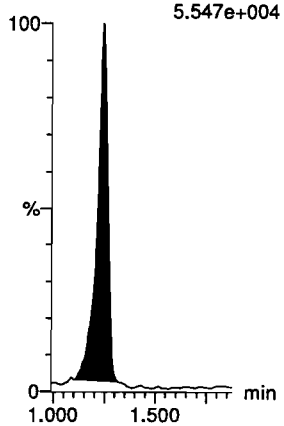
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

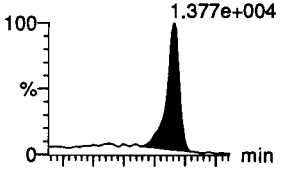
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

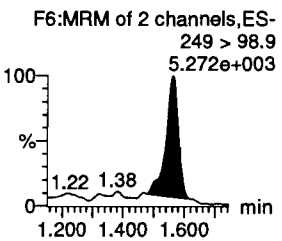
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
5.547e+004



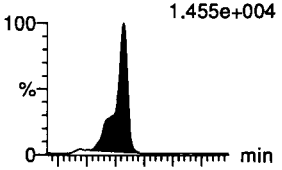
PFPrS
F6:MRM of 2 channels,ES-
249 > 80
1.377e+004



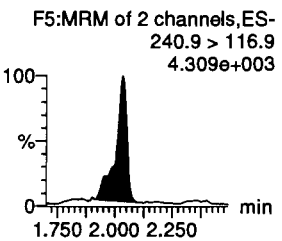
F6:MRM of 2 channels,ES-
249 > 98.9
5.272e+003



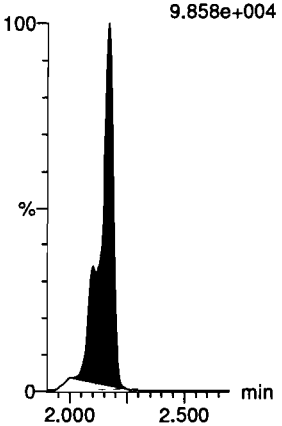
3:3 FTCA
F5:MRM of 2 channels,ES-
240.9 > 176.9
1.455e+004



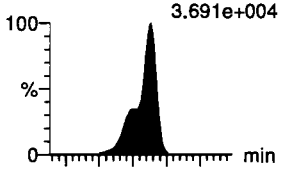
F5:MRM of 2 channels,ES-
240.9 > 116.9
4.309e+003



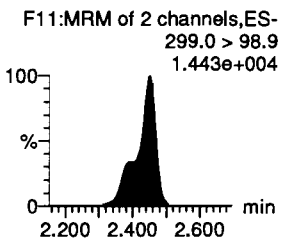
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
9.858e+004



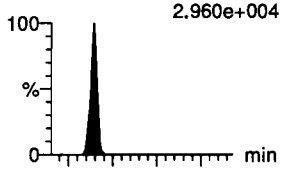
PFBS
F11:MRM of 2 channels,ES-
299.0 > 80
3.691e+004



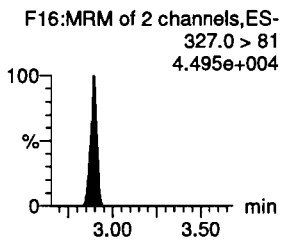
F11:MRM of 2 channels,ES-
299.0 > 98.9
1.443e+004



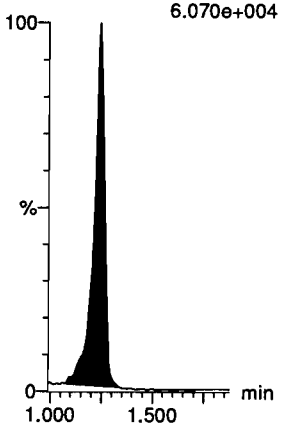
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 307
2.960e+004



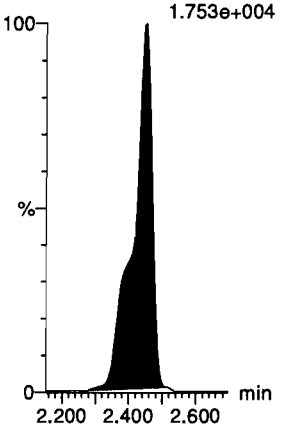
F16:MRM of 2 channels,ES-
327.0 > 81
4.495e+004



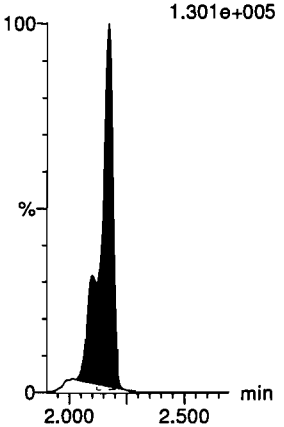
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.070e+004



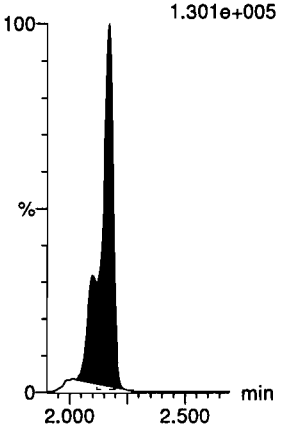
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.753e+004



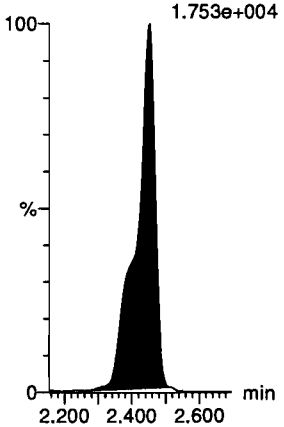
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.301e+005



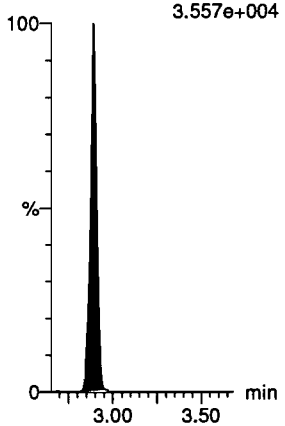
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.301e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.753e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.557e+004



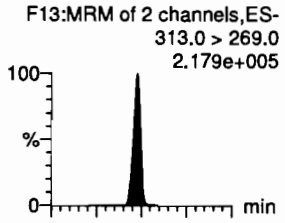
OPV 5/28/2020

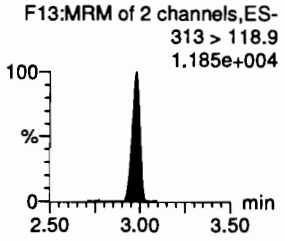
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

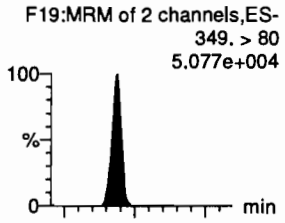
Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

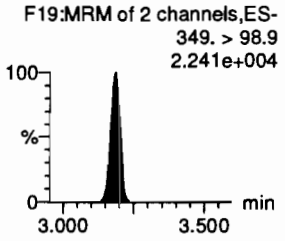
PFHxA



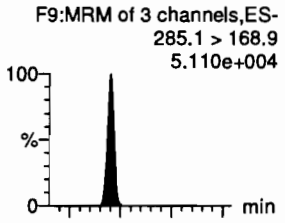


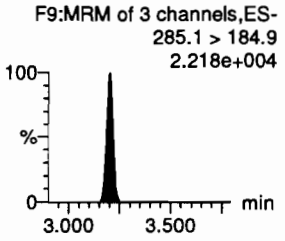
PFPeS



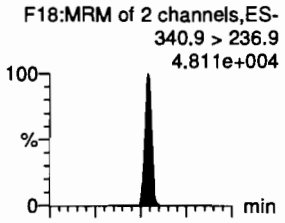


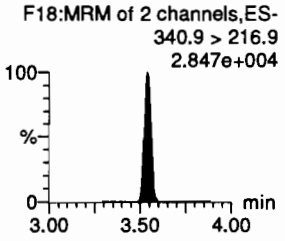
HFPO-DA



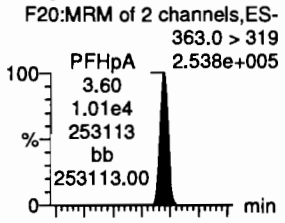


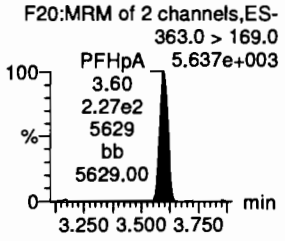
5:3 FTCA





PFHpA





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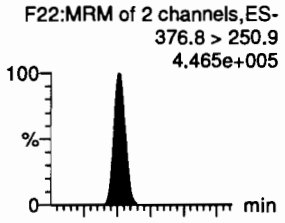
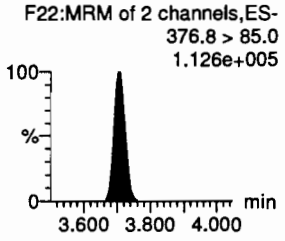
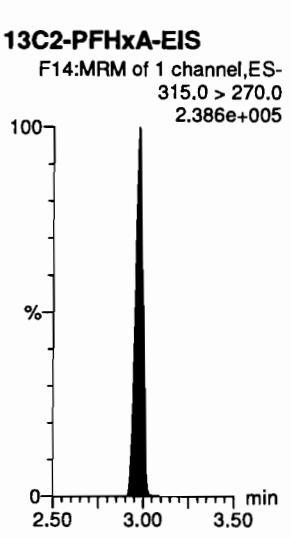
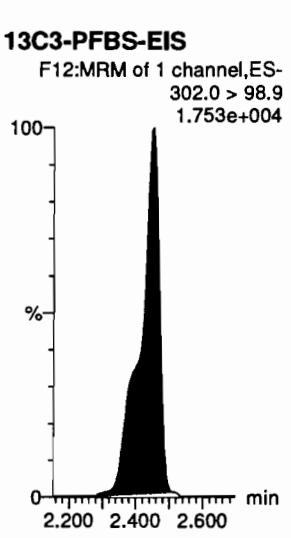




13C2-PFHxA-EIS



13C3-PFBS-EIS



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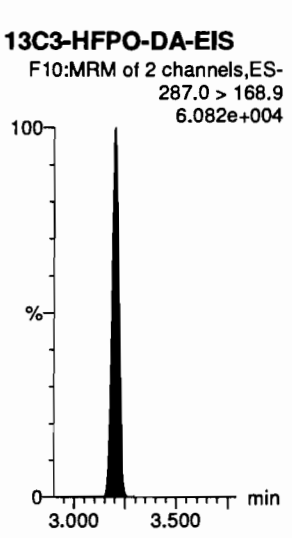
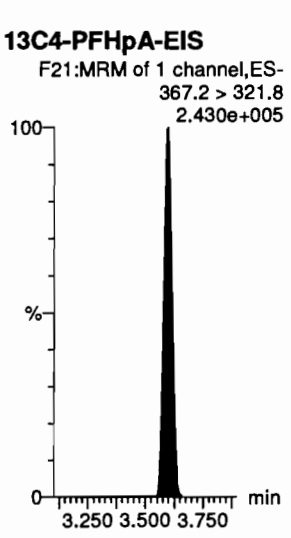


13C4-PFHpA-EIS



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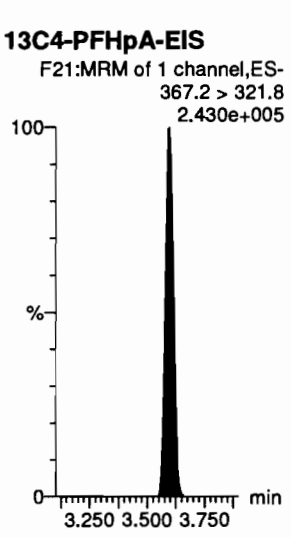

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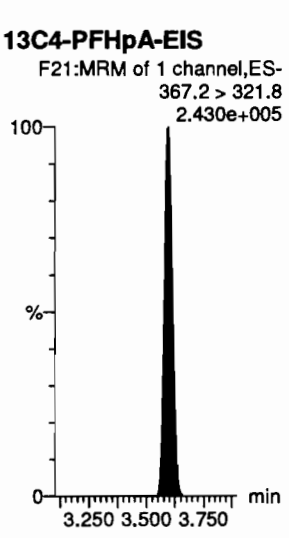


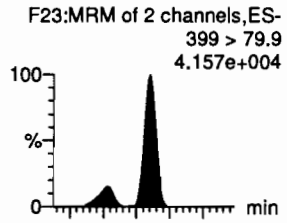
OPV 5/28/2020

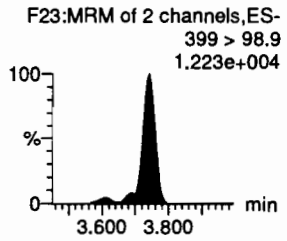
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

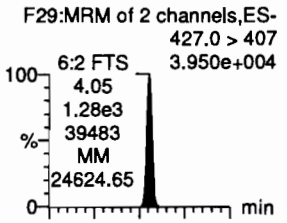
Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

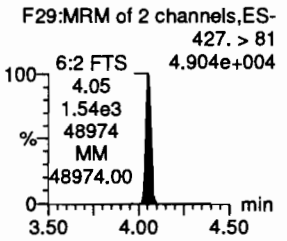
L-PFHxS





6:2 FTS





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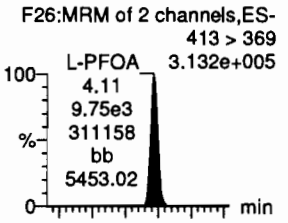

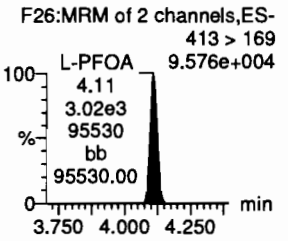

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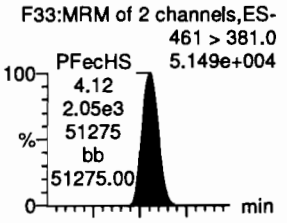
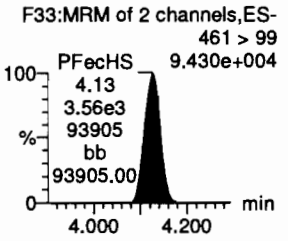
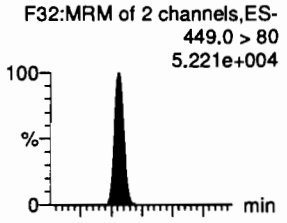
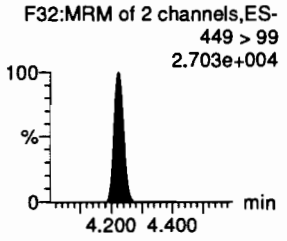


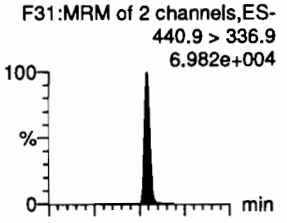


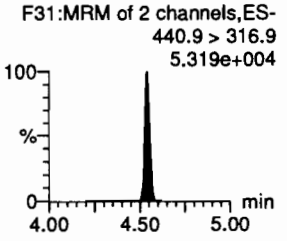
PFHpS



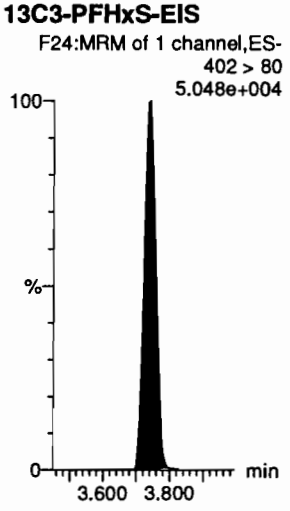


7:3 FTCA

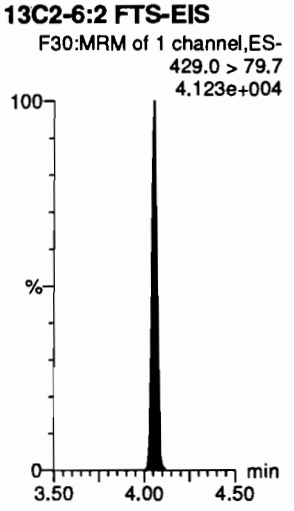




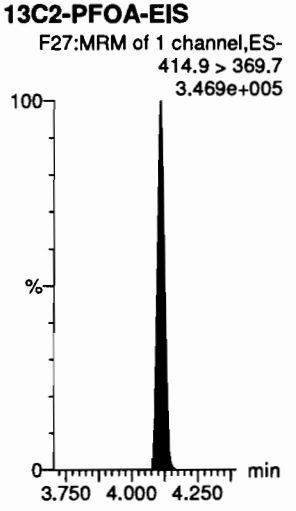
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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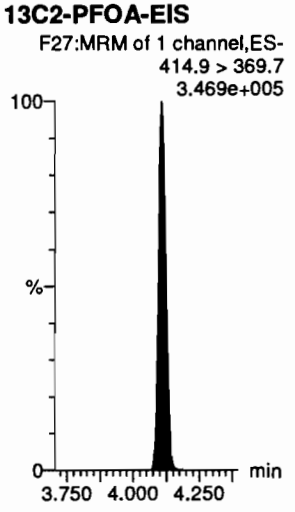
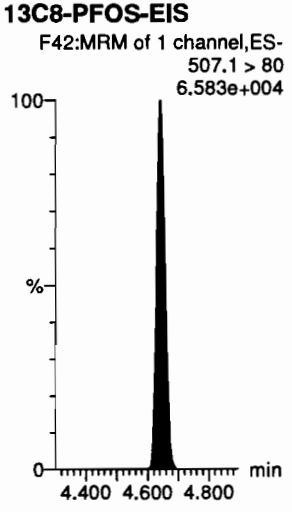
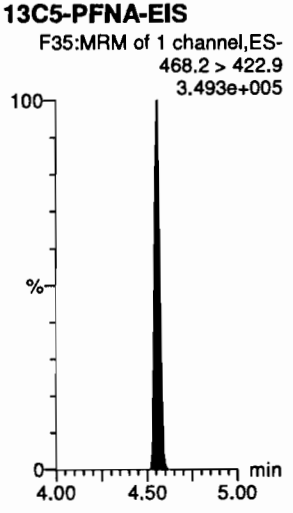


13C8-PFOS-EIS



13C5-PFNA-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

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Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

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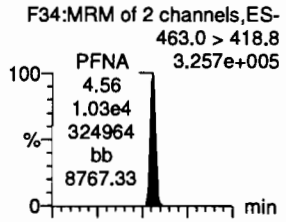

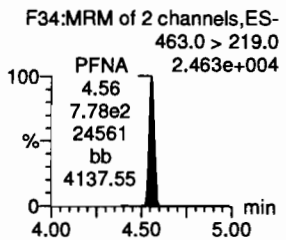

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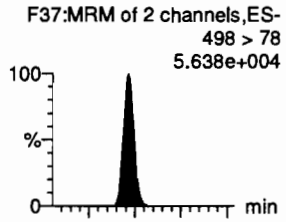
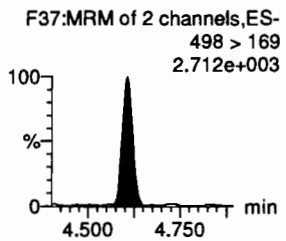
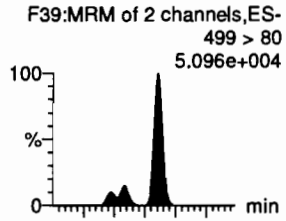
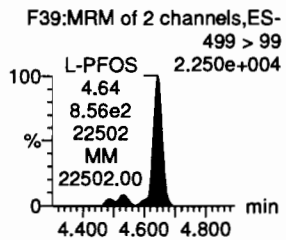


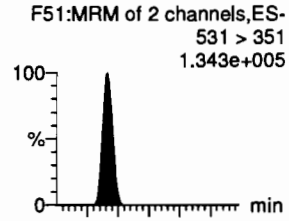


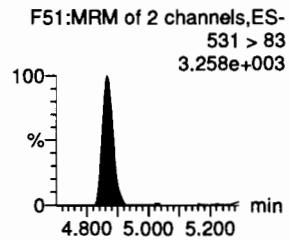
L-PFOS





9Cl-PF30NS





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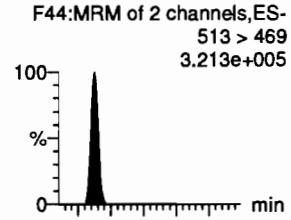
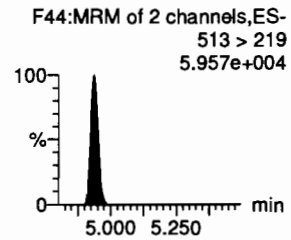
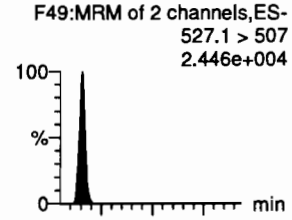
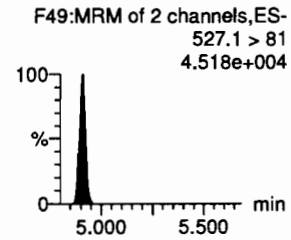


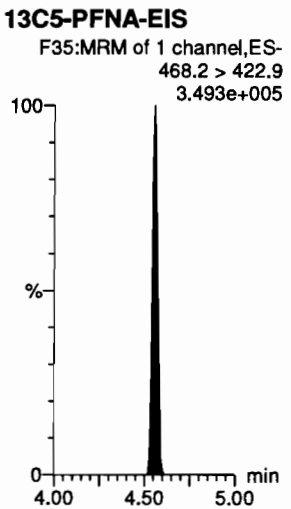


8:2 FTS

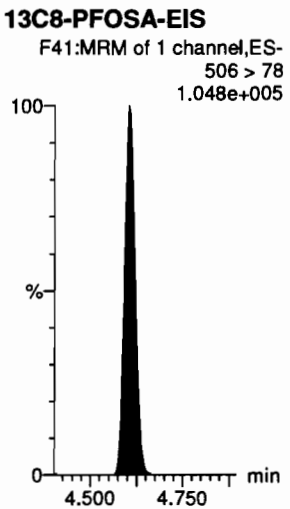




13C5-PFNA-EIS



13C8-PFOSA-EIS



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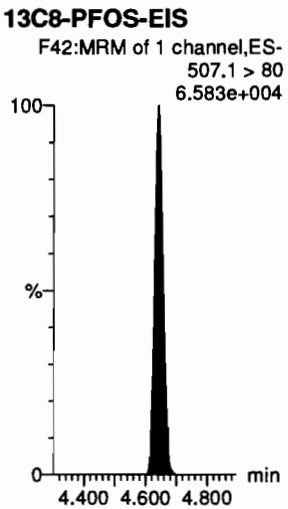

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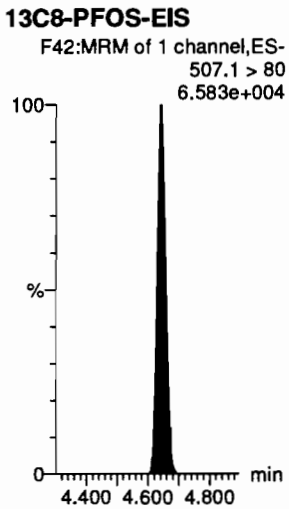
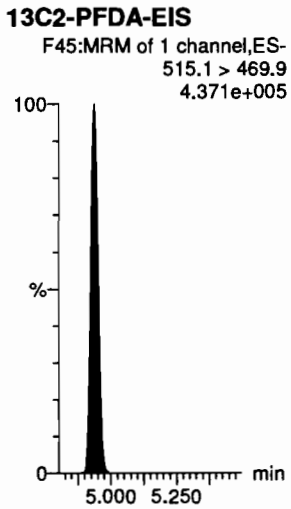
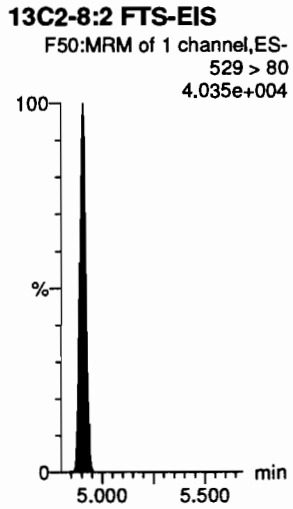


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

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Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

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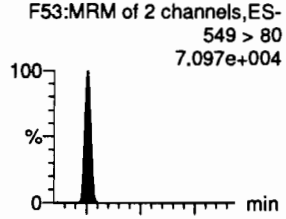
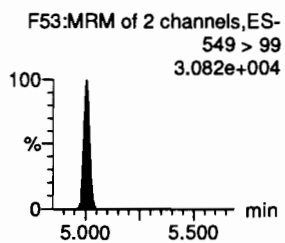
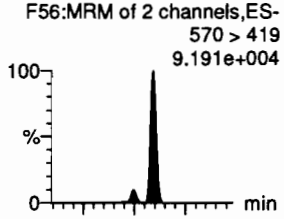
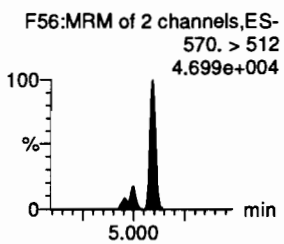




L-MeFOSAA





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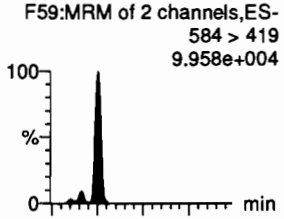
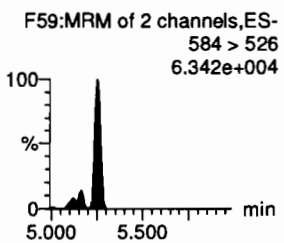
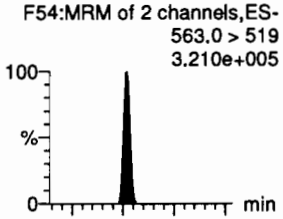
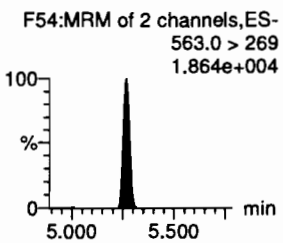




PFUdA





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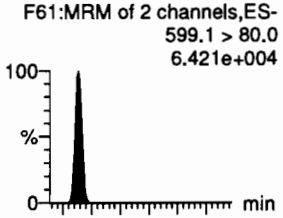
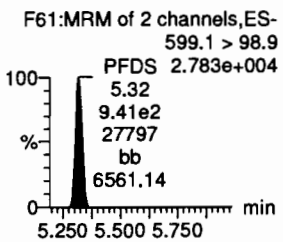
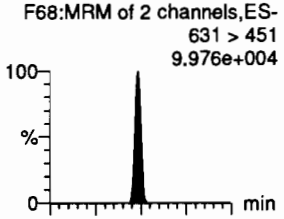
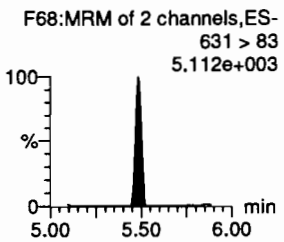


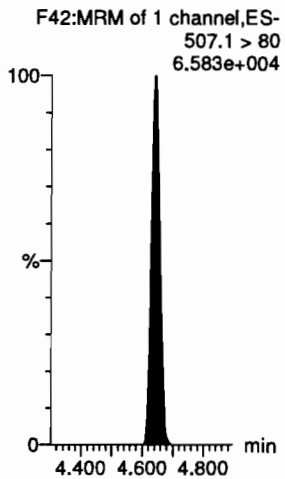


11Cl-PF30UdS

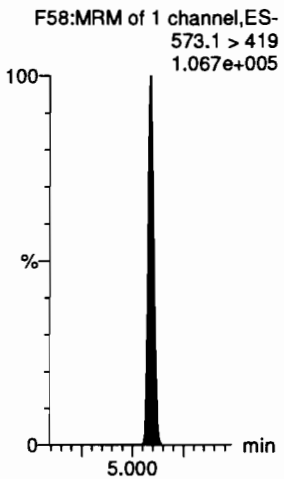




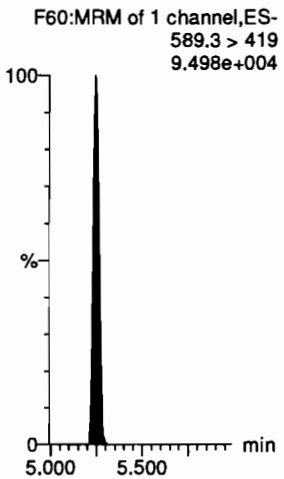
13C8-PFOS-EIS



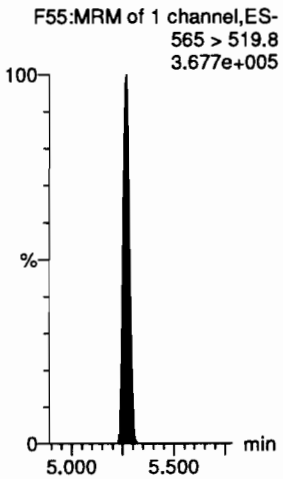
d3-N-MeFOSAA-EIS



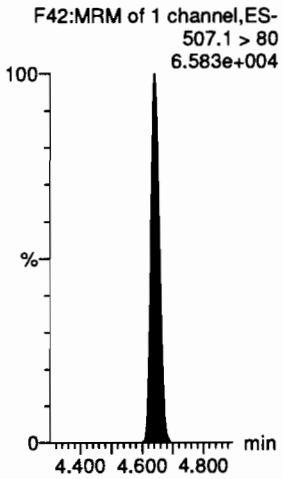
d5-N-EtFOSAA-EIS



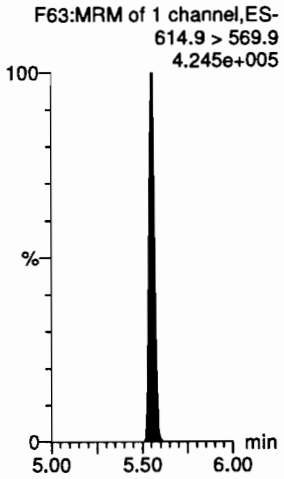
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



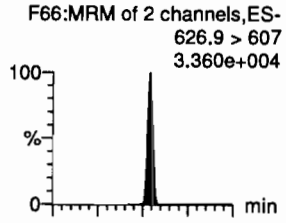
OPV 5/28/2020

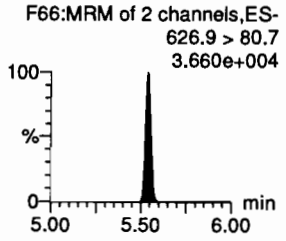
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

10:2 FTS





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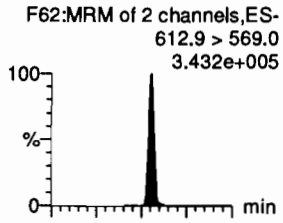
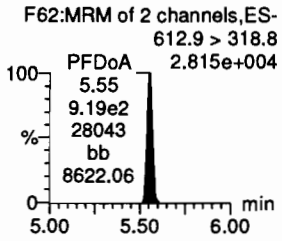
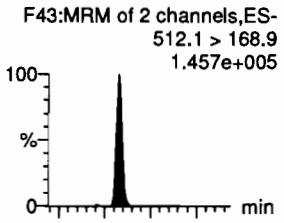
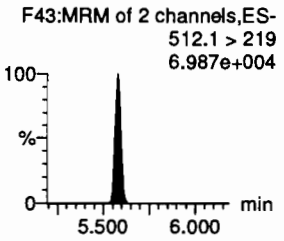




N-MeFOSA





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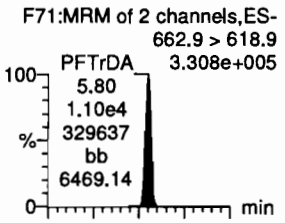
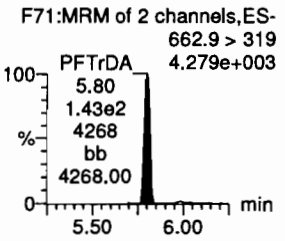
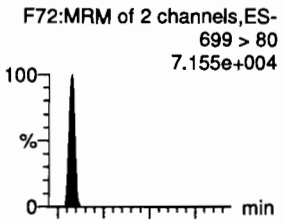
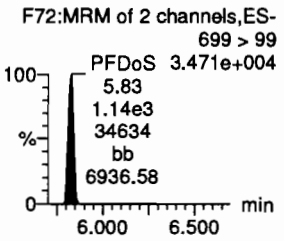


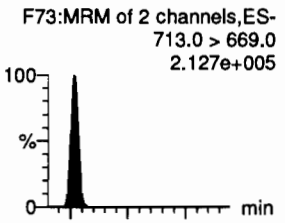


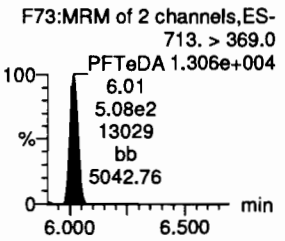
PFDoS



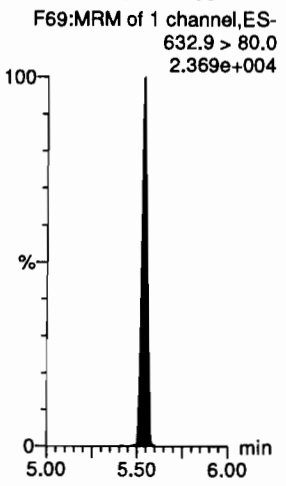


PFTeDA

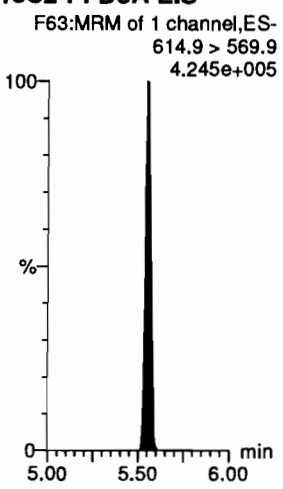




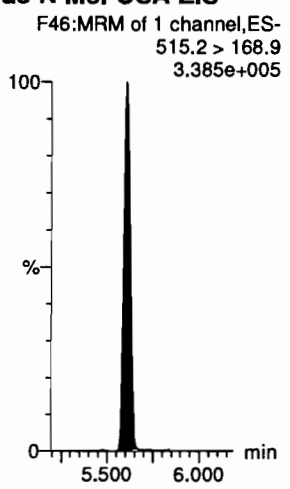
13C2-10:2 FTS-EIS



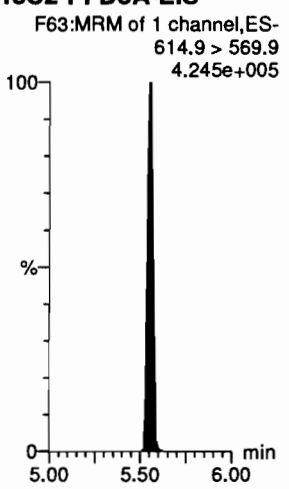
13C2-PFDoA-EIS



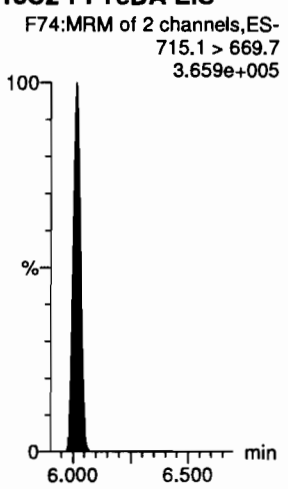
d3-N-MeFOSA-EIS



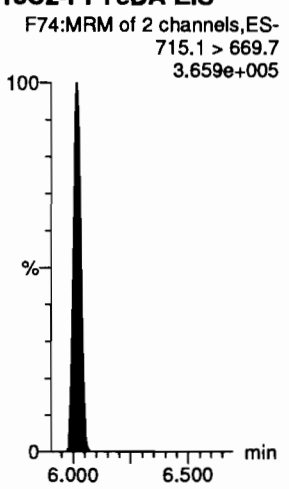
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

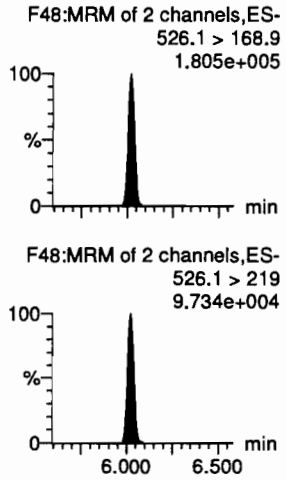


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

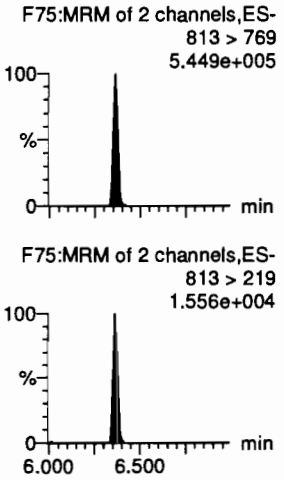
Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

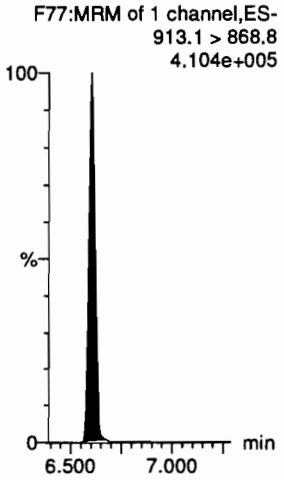
N-EtFOSA



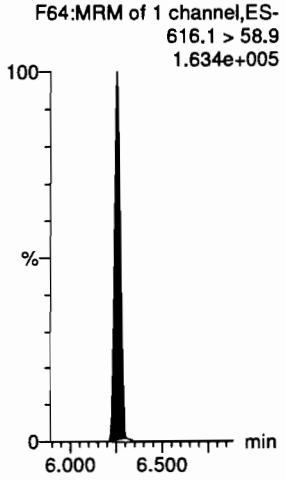
PFHxDA



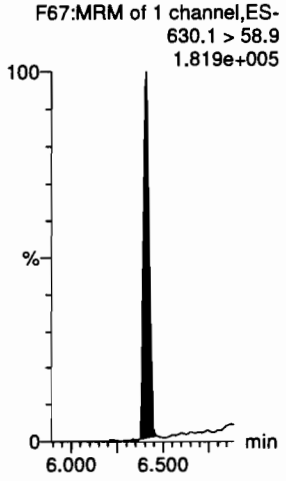
PFODA



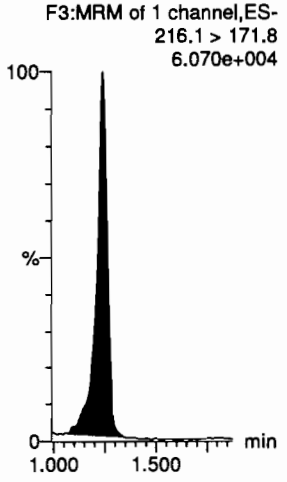
N-MeFOSE



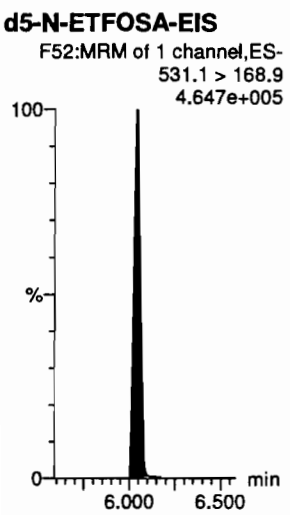
N-EtFOSE



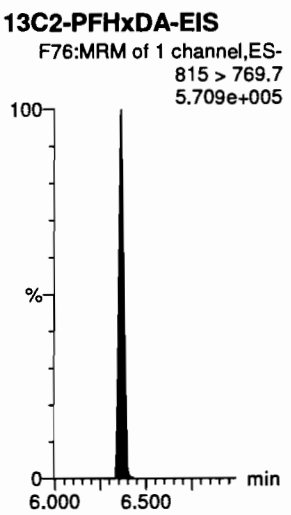
13C3-PFBA-RSD



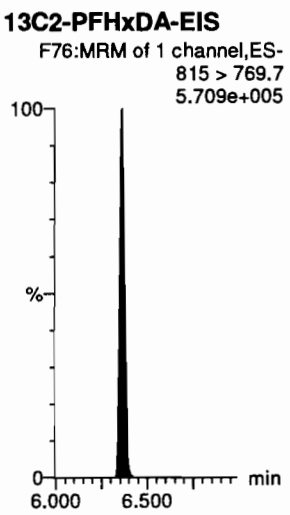
d5-N-ETFOSA-EIS



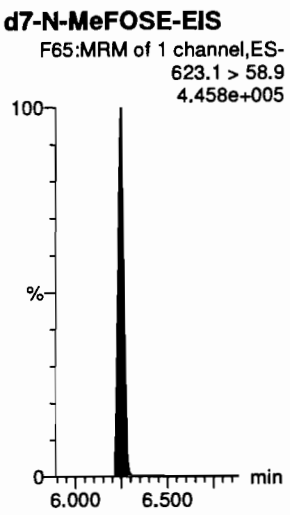
13C2-PFHxDA-EIS



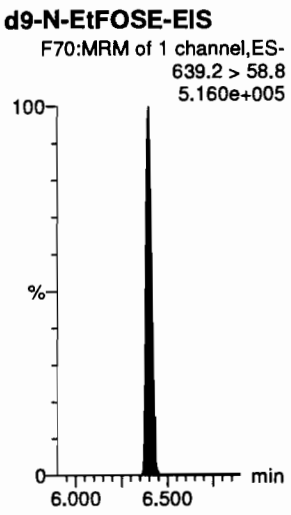
13C2-PFHxDA-EIS



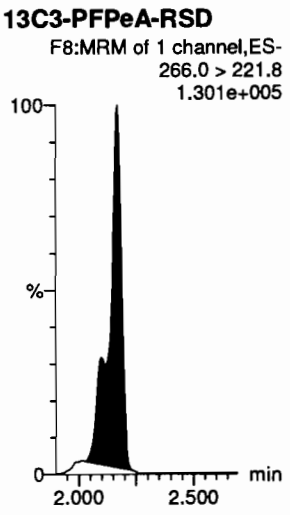
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



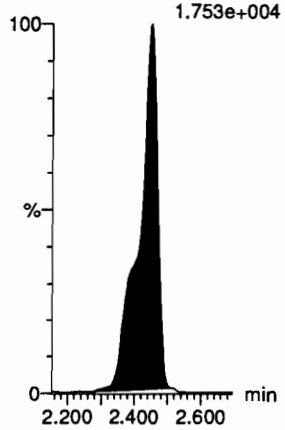
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

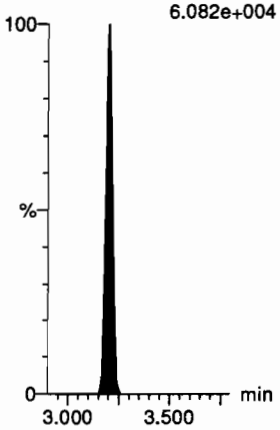
Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

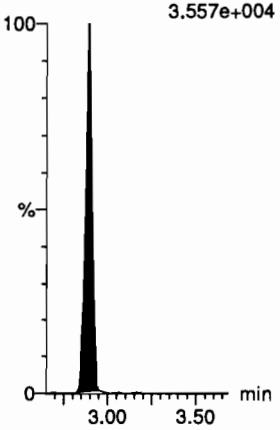
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.753e+004



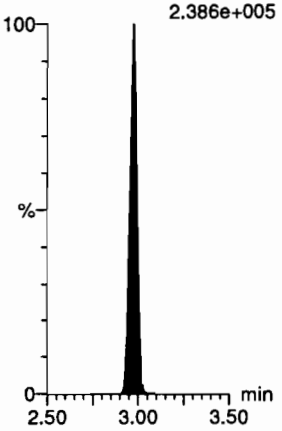
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.082e+004



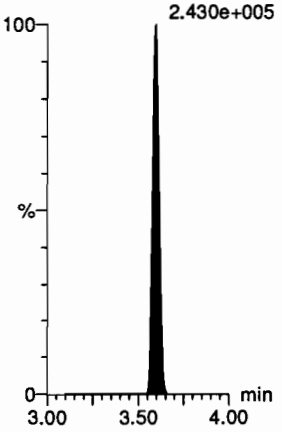
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.557e+004



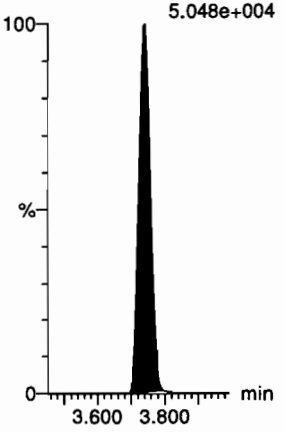
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.386e+005



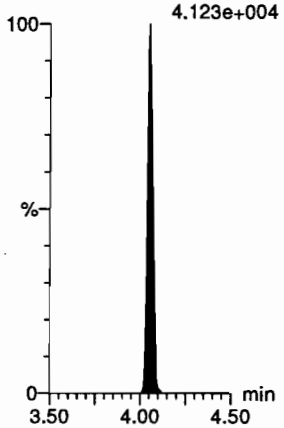
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.430e+005



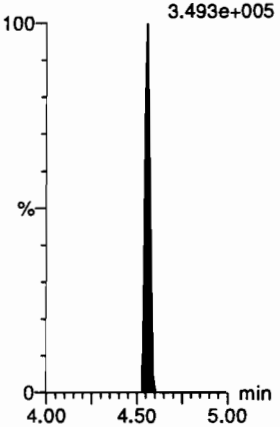
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.048e+004



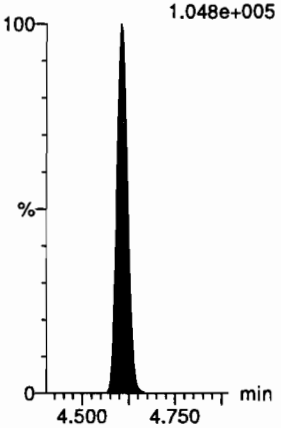
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.123e+004



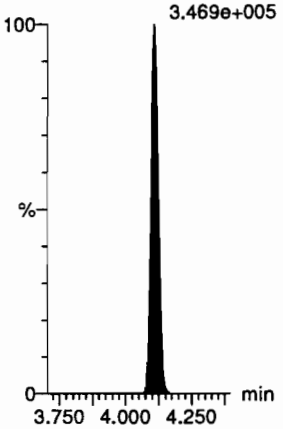
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.493e+005



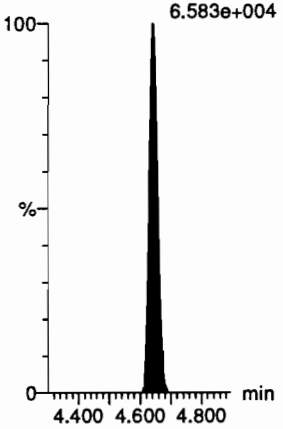
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.048e+005



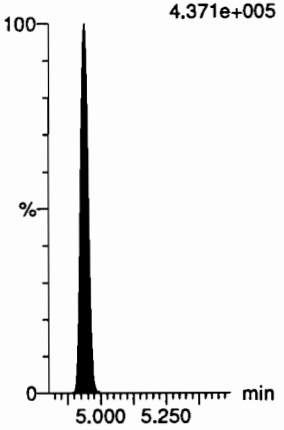
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.469e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.583e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.371e+005



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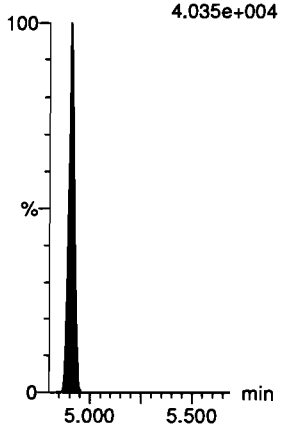
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

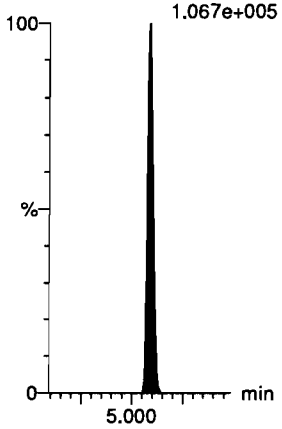
Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

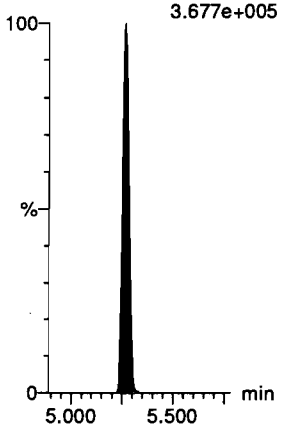
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
4.035e+004



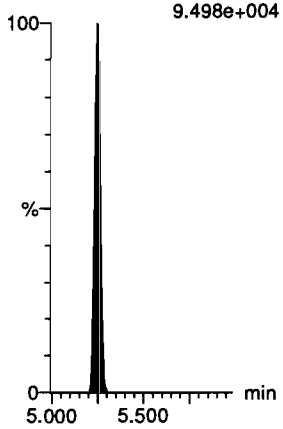
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.067e+005



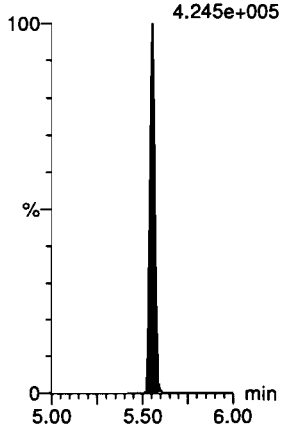
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.677e+005



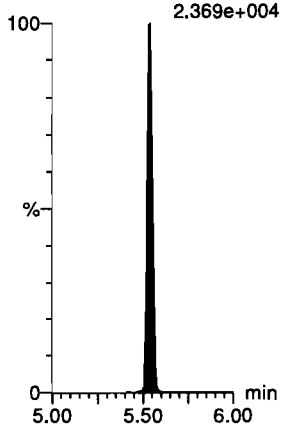
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.498e+004



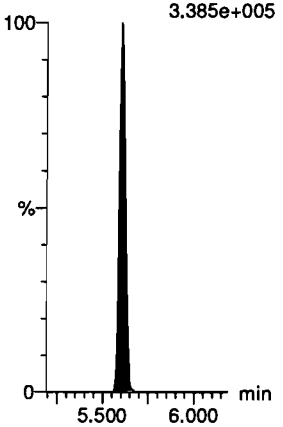
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.245e+005



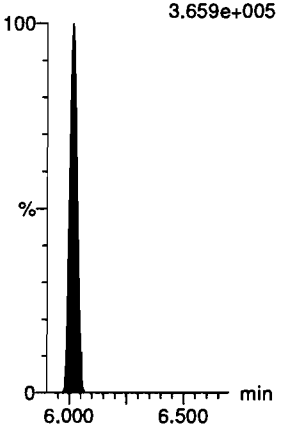
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.369e+004



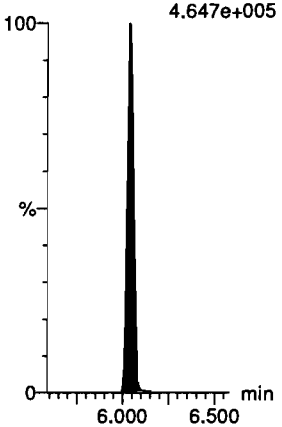
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.385e+005



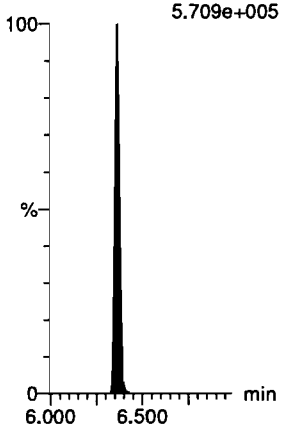
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.659e+005



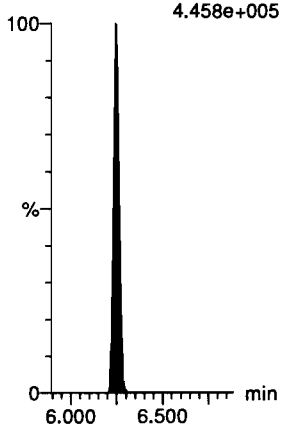
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.647e+005



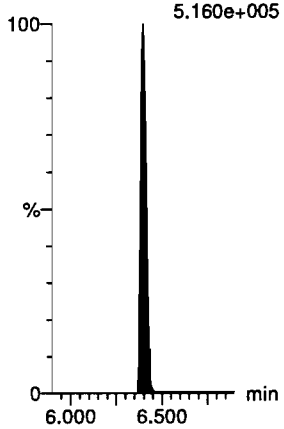
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.709e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.458e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.160e+005



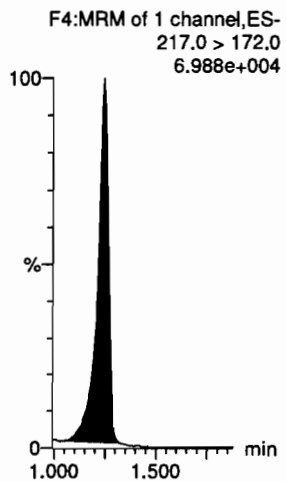
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-60.qld

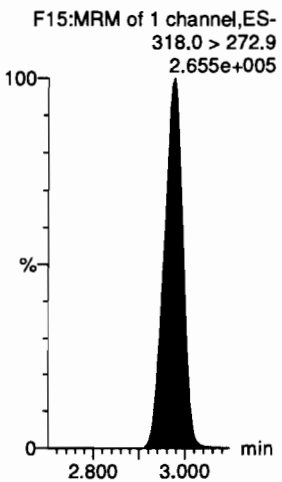
Last Altered: Thursday, May 28, 2020 11:23:24 Pacific Daylight Time
Printed: Thursday, May 28, 2020 11:24:17 Pacific Daylight Time

Name: 200527P1-60, Date: 27-May-2020, Time: 22:30:01, ID: ST200527P1-13 PFC CS3 20E0510, Description: PFC CS3 20E0510

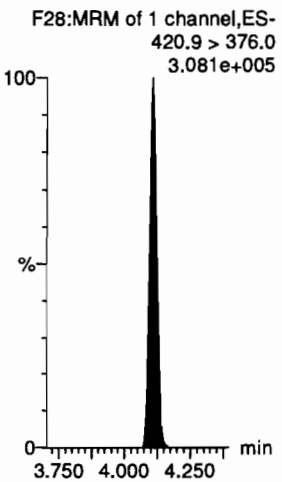
13C4-PFBA



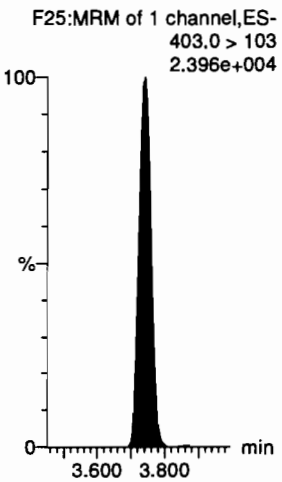
13C5-PFHxA



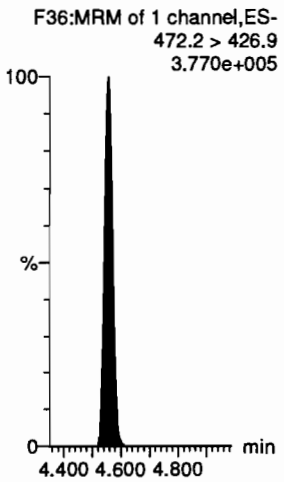
13C8-PFOA



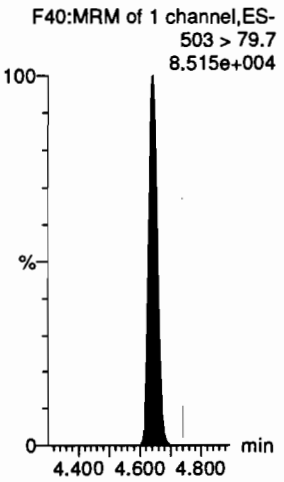
18O2-PFHxS



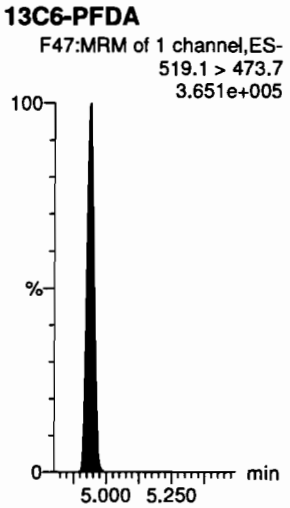
13C9-PFNA



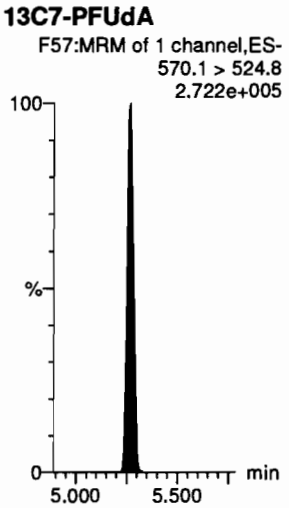
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 5/28/2020

INITIAL CALIBRATION

Low points
4:2 FTS 0.5
PFPeS
PFHxS

High points
3:3 FTCA low
5:3 FTCA
7:3 FTCA
PFOS 250

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: PFBA
Correlation coefficient: r = 0.999633, r^2 = 0.999266
Calibration curve: 0.989976 * x + 0.0873968
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	1.22	92.974	3396.232	0.342	0.3	3.0	NO	0.999	NO	MM
2	200527P1-6	Standard	0.500	1.22	178.706	3765.691	0.593	0.5	2.2	NO	0.999	NO	MM
3	200527P1-7	Standard	1.000	1.22	293.130	3545.750	1.033	1.0	-4.4	NO	0.999	NO	MM
4	200527P1-8	Standard	2.000	1.22	554.296	3582.455	1.934	1.9	-6.7	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	1.22	1350.173	3621.477	4.660	4.6	-7.6	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	1.22	3090.170	3616.116	10.682	10.7	7.0	NO	0.999	NO	MM
7	200527P1-11	Standard	50.000	1.22	15670.638	3850.823	50.868	51.3	2.6	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	1.22	31985.350	3786.115	105.601	106.6	6.6	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	1.22	75568.391	3887.501	242.985	245.4	-1.9	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	1.22	150365.906	3822.485	491.715	496.6	-0.7	NO	0.999	NO	bb

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.995549
Calibration curve: -0.000119437 * x^2 + 0.732226 * x + 0.00613963
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	1.54	16.758	1046.250	0.200	0.3	6.0	NO	0.996	NO	MM
2	200527P1-6	Standard	0.500	1.54	31.173	1042.446	0.374	0.5	0.4	NO	0.996	NO	MM
3	200527P1-7	Standard	1.000	1.54	62.700	1125.333	0.696	0.9	-5.7	NO	0.996	NO	bb
4	200527P1-8	Standard	2.000	1.55	112.505	1063.896	1.322	1.8	-10.1	NO	0.996	NO	MM
5	200527P1-9	Standard	5.000	1.54	298.249	1078.358	3.457	4.7	-5.7	NO	0.996	NO	bb
6	200527P1-10	Standard	10.000	1.55	620.206	1023.905	7.572	10.3	3.5	NO	0.996	NO	bb
7	200527P1-11	Standard	50.000	1.55	4004.986	1143.206	43.791	60.4	20.8	NO	0.996	NO	MM
8	200527P1-12	Standard	100.000	1.55	6377.713	1104.368	72.187	100.2	0.2	NO	0.996	NO	bb
9	200527P1-13	Standard	250.000	1.54	15274.015	1177.343	162.166	230.1	-8.0	NO	0.996	NO	MM
10	200527P1-14	Standard	500.000	1.54	27567.555	1007.011	342.195	509.7	1.9	NO	0.996	NO	MM

ODV 05/28/20

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999514
Calibration curve: 5.68083e-005 * x^2 + 0.127987 * x + -0.0014807
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	2.02	18.949	7299.617	0.032	0.3	6.0	NO	1.000	NO	MM
2	200527P1-6	Standard	0.500	2.01	39.283	8422.381	0.058	0.5	-6.6	NO	1.000	NO	MM
3	200527P1-7	Standard	1.000	2.02	80.478	7836.401	0.128	1.0	1.4	NO	1.000	NO	MM
4	200527P1-8	Standard	2.000	2.02	145.725	7918.942	0.230	1.8	-9.6	NO	1.000	NO	MM
5	200527P1-9	Standard	5.000	2.02	411.309	8176.770	0.629	4.9	-1.7	NO	1.000	NO	MM
6	200527P1-10	Standard	10.000	2.02	809.424	7361.837	1.374	10.7	7.0	NO	1.000	NO	MM
7	200527P1-11	Standard	50.000	2.02	4518.571	8759.895	6.448	49.3	-1.4	NO	1.000	NO	bb
8	200527P1-12	Standard	100.000	2.02	8677.157	8092.358	13.403	100.3	0.3	NO	1.000	NO	MM
9	200527P1-13	Standard	250.000	2.02	4409.586	8651.212	6.371	48.7	-80.5	YES	1.000	NO	MMX
10	200527P1-14	Standard	500.000	2.02	8880.093	8242.103	13.468	100.7	-79.9	YES	1.000	NO	MMX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998589
Calibration curve: -9.18203e-006 * x^2 + 0.866574 * x + 0.0244847
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	2.15	130.390	7299.617	0.223	0.2	-8.2	NO	0.999	NO	MM
2	200527P1-6	Standard	0.500	2.15	310.114	8422.381	0.460	0.5	0.6	NO	0.999	NO	MM
3	200527P1-7	Standard	1.000	2.15	576.073	7836.401	0.919	1.0	3.2	NO	0.999	NO	MM
4	200527P1-8	Standard	2.000	2.15	1117.690	7918.942	1.764	2.0	0.4	NO	0.999	NO	MM
5	200527P1-9	Standard	5.000	2.15	2850.425	8176.770	4.358	5.0	0.0	NO	0.999	NO	MM
6	200527P1-10	Standard	10.000	2.15	5677.903	7361.837	9.641	11.1	11.0	NO	0.999	NO	MM
7	200527P1-11	Standard	50.000	2.15	31435.799	8759.895	44.858	51.8	3.5	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	2.15	58983.941	8092.358	91.111	105.2	5.2	NO	0.999	NO	MM
9	200527P1-13	Standard	250.000	2.15	141332.125	8651.212	204.209	236.2	-5.5	NO	0.999	NO	MM
10	200527P1-14	Standard	500.000	2.15	287407.469	8242.103	435.883	505.7	1.1	NO	0.999	NO	MM

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
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Compound name: PFBS
Correlation coefficient: r = 0.998900, r^2 = 0.997800
Calibration curve: 2.38316 * x + 0.0333028
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	2.43	51.357	1046.250	0.614	0.2	-2.6	NO	0.998	NO	MM
2	200527P1-6	Standard	0.500	2.43	101.233	1042.446	1.214	0.5	-0.9	NO	0.998	NO	bb
3	200527P1-7	Standard	1.000	2.43	211.306	1125.333	2.347	1.0	-2.9	NO	0.998	NO	bb
4	200527P1-8	Standard	2.000	2.43	397.474	1063.896	4.670	1.9	-2.7	NO	0.998	NO	bb
5	200527P1-9	Standard	5.000	2.43	1013.755	1078.358	11.751	4.9	-1.7	NO	0.998	NO	bb
6	200527P1-10	Standard	10.000	2.43	2276.368	1023.905	27.790	11.6	16.5	NO	0.998	NO	MM
7	200527P1-11	Standard	50.000	2.43	10856.063	1143.206	118.702	49.8	-0.4	NO	0.998	NO	bb
8	200527P1-12	Standard	100.000	2.44	22134.752	1104.368	250.536	105.1	5.1	NO	0.998	NO	bb
9	200527P1-13	Standard	250.000	2.44	52195.605	1177.343	554.167	232.5	-7.0	NO	0.998	NO	bb
10	200527P1-14	Standard	500.000	2.43	98128.492	1007.011	1218.066	511.1	2.2	NO	0.998	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999206
Calibration curve: -0.00023005 * x^2 + 1.0196 * x + 0.0290323
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	2.88	17.510	1390.520	0.157	0.1	-49.6	YES	0.999	NO	bbX
2	200527P1-6	Standard	0.500	2.87	79.153	1469.018	0.674	0.6	26.4	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	2.87	124.307	1561.438	0.995	0.9	-5.2	NO	0.999	NO	MM
4	200527P1-8	Standard	2.000	2.88	207.930	1563.173	1.663	1.6	-19.9	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	2.88	595.450	1474.129	5.049	4.9	-1.4	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	2.88	1210.034	1480.129	10.219	10.0	0.2	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	2.88	5984.002	1395.277	53.609	53.2	6.4	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	2.88	11503.560	1416.150	101.539	101.9	1.9	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	2.88	24360.336	1308.979	232.627	241.3	-3.5	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	2.88	43378.891	1190.176	455.593	504.2	0.8	NO	0.999	NO	bb

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Compound name: PFHxA
Correlation coefficient: r = 0.999728, r^2 = 0.999456
Calibration curve: 0.954745 * x + 0.0745177
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	2.96	240.871	10191.212	0.295	0.2	-7.4	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	2.96	505.786	11049.359	0.572	0.5	4.3	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	2.96	1013.353	11444.359	1.107	1.1	8.1	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	2.96	1837.934	11038.921	2.081	2.1	5.1	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	2.96	4534.061	11002.305	5.151	5.3	6.3	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	2.96	8937.674	10613.695	10.526	10.9	9.5	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	2.96	43926.941	11125.552	49.354	51.6	3.2	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	2.96	89779.156	11240.164	99.842	104.5	4.5	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	2.96	215342.516	11465.433	234.774	245.8	-1.7	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	2.96	411453.563	10845.651	474.215	496.6	-0.7	NO	0.999	NO	bb

Compound name: PFPeS
Correlation coefficient: r = 0.998016, r^2 = 0.996035
Calibration curve: 1.82699 * x + 0.37048
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	3.18	16.497	1046.250	0.197			NO	0.996	NO	MMXI
2	200527P1-6	Standard	0.500	3.17	90.394	1042.446	1.084	0.4	-21.9	NO	0.996	NO	bb
3	200527P1-7	Standard	1.000	3.17	192.007	1125.333	2.133	1.0	-3.5	NO	0.996	NO	bb
4	200527P1-8	Standard	2.000	3.17	376.533	1063.896	4.424	2.2	10.9	NO	0.996	NO	bb
5	200527P1-9	Standard	5.000	3.17	957.077	1078.358	11.094	5.9	17.4	NO	0.996	NO	bb
6	200527P1-10	Standard	10.000	3.17	1885.993	1023.905	23.025	12.4	24.0	NO	0.996	NO	bb
7	200527P1-11	Standard	50.000	3.17	9081.044	1143.206	99.294	54.1	8.3	NO	0.996	NO	bb
8	200527P1-12	Standard	100.000	3.17	18149.834	1104.368	205.432	112.2	12.2	NO	0.996	NO	bb
9	200527P1-13	Standard	250.000	3.17	40551.141	1177.343	430.537	235.5	-5.8	NO	0.996	NO	bb
10	200527P1-14	Standard	500.000	3.17	72859.523	1007.011	904.403	494.8	-1.0	NO	0.996	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999760
Calibration curve: -0.00045369 * x^2 + 0.991759 * x + -0.0162267
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	3.18	42.700	2124.628	0.251	0.3	7.9	NO	1.000	NO	bb
2	200527P1-6	Standard	0.500	3.18	86.604	2204.816	0.491	0.5	2.3	NO	1.000	NO	bb
3	200527P1-7	Standard	1.000	3.18	148.414	2198.964	0.844	0.9	-13.3	NO	1.000	NO	bb
4	200527P1-8	Standard	2.000	3.19	308.632	2036.457	1.894	1.9	-3.6	NO	1.000	NO	bb
5	200527P1-9	Standard	5.000	3.18	845.328	2162.986	4.885	5.0	-0.9	NO	1.000	NO	bb
6	200527P1-10	Standard	10.000	3.18	1662.989	2030.720	10.236	10.4	3.9	NO	1.000	NO	bb
7	200527P1-11	Standard	50.000	3.18	8200.369	2194.507	46.710	48.2	-3.6	NO	1.000	NO	bb
8	200527P1-12	Standard	100.000	3.18	17492.885	2321.184	94.202	99.5	-0.5	NO	1.000	NO	bb
9	200527P1-13	Standard	250.000	3.19	39869.430	2234.454	223.038	254.5	1.8	NO	1.000	NO	bb
10	200527P1-14	Standard	500.000	3.19	74996.797	2460.810	380.956	497.2	-0.6	NO	1.000	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999867
Calibration curve: -2.69565e-005 * x^2 + 0.256653 * x + -0.0119864
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	3.52	36.986	8835.947	0.052	0.3	0.2	NO	1.000	NO	bb
2	200527P1-6	Standard	0.500	3.52	83.155	9565.633	0.109	0.5	-6.0	NO	1.000	NO	bb
3	200527P1-7	Standard	1.000	3.52	210.025	9961.063	0.264	1.1	7.4	NO	1.000	NO	bb
4	200527P1-8	Standard	2.000	3.52	384.331	9447.032	0.509	2.0	1.4	NO	1.000	NO	bb
5	200527P1-9	Standard	5.000	3.52	915.305	9448.449	1.211	4.8	-4.7	NO	1.000	NO	bb
6	200527P1-10	Standard	10.000	3.52	1878.082	9055.239	2.593	10.2	1.6	NO	1.000	NO	bb
7	200527P1-11	Standard	50.000	3.52	9782.429	9585.665	12.757	50.0	0.0	NO	1.000	NO	bb
8	200527P1-12	Standard	100.000	3.52	20066.035	9882.528	25.381	100.0	-0.0	NO	1.000	NO	bb
9	200527P1-13	Standard	250.000	3.52	10479.837	9354.772	14.003	54.9	-78.0	YES	1.000	NO	bbX
10	200527P1-14	Standard	500.000	3.52	21005.535	8518.129	30.825	121.7	-75.7	YES	1.000	NO	bbX

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Compound name: PFHpA
Correlation coefficient: r = 0.999778, r^2 = 0.999556
Calibration curve: 1.22124 * x + 0.0442893
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	3.58	191.172	8835.947	0.270	0.2	-25.9	NO	1.000	NO	bb
2	200527P1-6	Standard	0.500	3.58	529.959	9565.633	0.693	0.5	6.2	NO	1.000	NO	bb
3	200527P1-7	Standard	1.000	3.58	937.716	9961.063	1.177	0.9	-7.3	NO	1.000	NO	bb
4	200527P1-8	Standard	2.000	3.58	1984.658	9447.032	2.626	2.1	5.7	NO	1.000	NO	bb
5	200527P1-9	Standard	5.000	3.58	4955.315	9448.449	6.556	5.3	6.6	NO	1.000	NO	bb
6	200527P1-10	Standard	10.000	3.58	9824.875	9055.239	13.562	11.1	10.7	NO	1.000	NO	bb
7	200527P1-11	Standard	50.000	3.58	48518.645	9585.665	63.270	51.8	3.5	NO	1.000	NO	bb
8	200527P1-12	Standard	100.000	3.58	99133.484	9882.528	125.390	102.6	2.6	NO	1.000	NO	bb
9	200527P1-13	Standard	250.000	3.58	223904.234	9354.772	299.185	244.9	-2.0	NO	1.000	NO	bb
10	200527P1-14	Standard	500.000	3.58	415501.281	8518.129	609.731	499.2	-0.2	NO	1.000	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999460
Calibration curve: -4.84169e-006 * x^2 + 2.07242 * x + 0.0535753
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	3.68	401.060	8835.947	0.567	0.2	-0.8	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	3.69	774.945	9565.633	1.013	0.5	-7.4	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	3.69	1641.624	9961.063	2.060	1.0	-3.2	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	3.69	3242.250	9447.032	4.290	2.0	2.2	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	3.69	7888.862	9448.449	10.437	5.0	0.2	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	3.69	15958.055	9055.239	22.029	10.6	6.0	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	3.69	81507.727	9585.665	106.289	51.3	2.5	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	3.69	169057.516	9882.528	213.834	103.2	3.2	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	3.69	374347.156	9354.772	500.209	241.5	-3.4	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	3.69	710257.438	8518.129	1042.273	503.5	0.7	NO	0.999	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999290
Calibration curve: -4.13227e-005 * x^2 + 1.06525 * x + 0.00491459
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	3.72	28.068	1887.462	0.186	0.2	-32.0	YES	0.999	NO	MMX
2	200527P1-6	Standard	0.500	3.72	105.002	1972.766	0.665	0.6	24.0	NO	0.999	NO	MM
3	200527P1-7	Standard	1.000	3.73	146.869	2128.931	0.862	0.8	-19.5	NO	0.999	NO	MM
4	200527P1-8	Standard	2.000	3.73	358.664	2037.390	2.201	2.1	3.1	NO	0.999	NO	MM
5	200527P1-9	Standard	5.000	3.73	843.649	2170.261	4.859	4.6	-8.8	NO	0.999	NO	MM
6	200527P1-10	Standard	10.000	3.73	1794.297	2144.753	10.457	9.8	-1.8	NO	0.999	NO	MM
7	200527P1-11	Standard	50.000	3.73	9187.025	2118.171	54.216	51.0	2.0	NO	0.999	NO	MM
8	200527P1-12	Standard	100.000	3.73	18415.143	2071.726	111.11(	104.7	4.7	NO	0.999	NO	MM
9	200527P1-13	Standard	250.000	3.73	42166.723	2065.394	255.198	241.8	-3.3	NO	0.999	NO	MM
10	200527P1-14	Standard	500.000	3.73	77837.500	1851.611	525.471	503.1	0.6	NO	0.999	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999093
Calibration curve: -0.0003988 * x^2 + 1.1883 * x + 0.0115784
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.04	25.033	1166.761	0.268	0.2	-13.6	NO	0.999	NO	MM
2	200527P1-6	Standard	0.500	4.03	53.484	1175.279	0.569	0.5	-6.2	NO	0.999	NO	MM
3	200527P1-7	Standard	1.000	4.04	130.926	1273.039	1.286	1.1	7.2	NO	0.999	NO	MM
4	200527P1-8	Standard	2.000	4.04	252.221	1313.651	2.400	2.0	0.6	NO	0.999	NO	MM
5	200527P1-9	Standard	5.000	4.04	608.804	1207.800	6.301	5.3	6.0	NO	0.999	NO	MM
6	200527P1-10	Standard	10.000	4.04	1185.949	1159.610	12.784	10.8	7.9	NO	0.999	NO	MM
7	200527P1-11	Standard	50.000	4.04	5709.164	1207.434	59.104	50.6	1.2	NO	0.999	NO	MM
8	200527P1-12	Standard	100.000	4.04	12007.566	1255.683	119.532	104.2	4.2	NO	0.999	NO	MM
9	200527P1-13	Standard	250.000	4.04	24439.580	1170.978	260.889	238.7	-4.5	NO	0.999	NO	MM
10	200527P1-14	Standard	500.000	4.04	45093.105	1129.420	499.074	505.9	1.2	NO	0.999	NO	MM

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999763
Calibration curve: -0.000235073 * x^2 + 1.09107 * x + 0.0651726
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.09	279.089	9526.557	0.366	0.3	10.4	NO	1.000	NO	bb
2	200527P1-6	Standard	0.500	4.09	521.875	10301.021	0.633	0.5	4.1	NO	1.000	NO	bb
3	200527P1-7	Standard	1.000	4.10	954.835	10552.874	1.131	1.0	-2.3	NO	1.000	NO	MM
4	200527P1-8	Standard	2.000	4.09	1939.465	10139.210	2.391	2.1	6.6	NO	1.000	NO	bb
5	200527P1-9	Standard	5.000	4.10	4587.969	10373.943	5.528	5.0	0.2	NO	1.000	NO	bb
6	200527P1-10	Standard	10.000	4.10	9123.333	10101.696	11.289	10.3	3.1	NO	1.000	NO	bb
7	200527P1-11	Standard	50.000	4.09	46258.066	10519.891	54.965	50.9	1.8	NO	1.000	NO	bb
8	200527P1-12	Standard	100.000	4.09	95544.766	11004.027	108.534	101.6	1.6	NO	1.000	NO	bb
9	200527P1-13	Standard	250.000	4.10	207923.703	10285.435	252.692	244.4	-2.2	NO	1.000	NO	bb
10	200527P1-14	Standard	500.000	4.10	363418.406	9287.694	489.113	502.7	0.5	NO	1.000	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999595
Calibration curve: -1.87137e-005 * x^2 + 0.226573 * x + 0.00668507
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.11	58.884	9526.557	0.077	0.3	24.6	NO	1.000	NO	bb
2	200527P1-6	Standard	0.500	4.11	78.721	10301.021	0.096	0.4	-21.6	NO	1.000	NO	bb
3	200527P1-7	Standard	1.000	4.11	194.134	10552.874	0.230	1.0	-1.5	NO	1.000	NO	bb
4	200527P1-8	Standard	2.000	4.11	366.739	10139.210	0.452	2.0	-1.7	NO	1.000	NO	bb
5	200527P1-9	Standard	5.000	4.11	988.579	10373.943	1.191	5.2	4.6	NO	1.000	NO	bb
6	200527P1-10	Standard	10.000	4.11	1907.555	10101.696	2.360	10.4	4.0	NO	1.000	NO	bb
7	200527P1-11	Standard	50.000	4.11	9954.322	10519.891	11.828	52.4	4.8	NO	1.000	NO	bb
8	200527P1-12	Standard	100.000	4.11	19881.045	11004.027	22.584	100.5	0.5	NO	1.000	NO	bb
9	200527P1-13	Standard	250.000	4.11	44516.523	10285.435	54.101	243.7	-2.5	NO	1.000	NO	bb
10	200527P1-14	Standard	500.000	4.11	81156.922	9287.694	109.226	502.9	0.6	NO	1.000	NO	bb

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998174
Calibration curve: 1.19953e-005 * x^2 + 0.875686 * x + 0.0747623
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.21	39.010	2074.584	0.235	0.2	-26.8	NO	0.998	NO	bb
2	200527P1-6	Standard	0.500	4.21	92.349	2192.626	0.526	0.5	3.2	NO	0.998	NO	bb
3	200527P1-7	Standard	1.000	4.21	161.096	2282.103	0.882	0.9	-7.8	NO	0.998	NO	bb
4	200527P1-8	Standard	2.000	4.21	345.654	2134.890	2.024	2.2	11.3	NO	0.998	NO	bb
5	200527P1-9	Standard	5.000	4.21	806.819	2154.200	4.682	5.3	5.2	NO	0.998	NO	bb
6	200527P1-10	Standard	10.000	4.21	1619.075	2091.106	9.678	11.0	9.7	NO	0.998	NO	bb
7	200527P1-11	Standard	50.000	4.21	8031.719	2187.867	45.888	52.3	4.6	NO	0.998	NO	bb
8	200527P1-12	Standard	100.000	4.21	16578.496	2234.175	92.755	105.7	5.7	NO	0.998	NO	bb
9	200527P1-13	Standard	250.000	4.22	36885.613	2239.469	205.884	234.3	-6.3	NO	0.998	NO	bb
10	200527P1-14	Standard	500.000	4.22	67941.195	1901.498	446.629	506.4	1.3	NO	0.998	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999095
Calibration curve: -0.000260159 * x^2 + 0.267395 * x + -0.0208314
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.53	44.294	10032.940	0.055	0.3	13.7	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	4.53	109.873	10658.307	0.129	0.6	12.0	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	4.53	195.728	11716.094	0.209	0.9	-14.0	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	4.53	412.518	11103.302	0.464	1.8	-9.1	NO	0.999	NO	bd
5	200527P1-9	Standard	5.000	4.53	1043.543	10957.599	1.190	4.6	-9.0	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	4.53	2305.054	10340.809	2.786	10.6	6.1	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	4.52	11497.880	11265.942	12.757	50.2	0.5	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	4.52	22568.053	11715.676	24.079	99.8	-0.2	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	4.53	11616.770	11533.584	12.590	49.6	-80.2	YES	0.999	NO	bbX
10	200527P1-14	Standard	500.000	4.53	23007.898	10085.061	28.517	121.0	-75.8	YES	0.999	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.997456
Calibration curve: -0.000150125 * x^2 + 1.02674 * x + 0.0448793
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.55	194.309	10032.940	0.242	0.2	-23.2	NO	0.997	NO	bb
2	200527P1-6	Standard	0.500	4.54	471.518	10658.307	0.553	0.5	-1.0	NO	0.997	NO	MM
3	200527P1-7	Standard	1.000	4.55	921.852	11716.094	0.984	0.9	-8.6	NO	0.997	NO	bb
4	200527P1-8	Standard	2.000	4.54	2020.536	11103.302	2.275	2.2	8.6	NO	0.997	NO	bb
5	200527P1-9	Standard	5.000	4.55	4816.501	10957.599	5.494	5.3	6.2	NO	0.997	NO	bb
6	200527P1-10	Standard	10.000	4.55	9477.413	10340.809	11.456	11.1	11.3	NO	0.997	NO	bb
7	200527P1-11	Standard	50.000	4.54	49083.258	11265.942	54.460	53.4	6.8	NO	0.997	NO	bb
8	200527P1-12	Standard	100.000	4.54	100154.898	11715.676	106.860	105.7	5.7	NO	0.997	NO	bb
9	200527P1-13	Standard	250.000	4.55	211432.563	11533.584	229.149	230.9	-7.6	NO	0.997	NO	bb
10	200527P1-14	Standard	500.000	4.55	390073.219	10085.061	483.479	508.7	1.7	NO	0.997	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.996844
Calibration curve: -2.36401e-005 * x^2 + 0.619714 * x + 0.0546802
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.59	49.195	3390.312	0.181	0.2	-18.2	NO	0.997	NO	bb
2	200527P1-6	Standard	0.500	4.59	93.929	3461.328	0.339	0.5	-8.2	NO	0.997	NO	bb
3	200527P1-7	Standard	1.000	4.59	176.801	3528.248	0.626	0.9	-7.7	NO	0.997	NO	bb
4	200527P1-8	Standard	2.000	4.59	371.030	3351.935	1.384	2.1	7.2	NO	0.997	NO	bb
5	200527P1-9	Standard	5.000	4.59	961.519	3604.872	3.334	5.3	5.9	NO	0.997	NO	bb
6	200527P1-10	Standard	10.000	4.59	1815.279	3224.565	7.037	11.3	12.7	NO	0.997	NO	bb
7	200527P1-11	Standard	50.000	4.59	9495.260	3517.914	33.739	54.5	8.9	NO	0.997	NO	bb
8	200527P1-12	Standard	100.000	4.59	19742.664	3769.510	65.468	106.0	6.0	NO	0.997	NO	bb
9	200527P1-13	Standard	250.000	4.60	43446.984	3857.766	140.778	229.1	-8.4	NO	0.997	NO	bb
10	200527P1-14	Standard	500.000	4.60	84711.180	3423.102	309.336	509.0	1.8	NO	0.997	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999726
Calibration curve: -0.000672845 * x^2 + 1.22927 * x + -0.0198846
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.63	38.738	2074.584	0.233	0.2	-17.6	NO	1.000	NO	MM
2	200527P1-6	Standard	0.500	4.63	125.946	2192.626	0.718	0.6	20.1	NO	1.000	NO	MM
3	200527P1-7	Standard	1.000	4.63	235.309	2282.103	1.289	1.1	6.5	NO	1.000	NO	MM
4	200527P1-8	Standard	2.000	4.63	383.975	2134.890	2.248	1.8	-7.7	NO	1.000	NO	MM
5	200527P1-9	Standard	5.000	4.63	1083.896	2154.200	6.289	5.1	2.9	NO	1.000	NO	MM
6	200527P1-10	Standard	10.000	4.63	1954.103	2091.106	11.681	9.6	-4.3	NO	1.000	NO	MM
7	200527P1-11	Standard	50.000	4.63	10330.735	2187.867	59.023	49.4	-1.3	NO	1.000	NO	MM
8	200527P1-12	Standard	100.000	4.63	21049.633	2234.175	117.771	101.5	1.5	NO	1.000	NO	MM
9	200527P1-13	Standard	250.000	4.64	47436.203	2239.469	264.774	249.5	-0.2	NO	1.000	NO	MM
10	200527P1-14	Standard	500.000	4.64	87499.070	1901.498	575.198			NO	1.000	NO	MMXI

Compound name: 9CI-PF30NS
Coefficient of Determination: R^2 = 0.997196
Calibration curve: -8.68361e-005 * x^2 + 2.60223 * x + 0.23522
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.86	132.887	2074.584	0.801	0.2	-13.1	NO	0.997	NO	bb
2	200527P1-6	Standard	0.500	4.85	282.605	2192.626	1.611	0.5	5.7	NO	0.997	NO	bb
3	200527P1-7	Standard	1.000	4.86	487.321	2282.103	2.669	0.9	-6.5	NO	0.997	NO	bb
4	200527P1-8	Standard	2.000	4.85	823.479	2134.890	4.822	1.8	-11.9	NO	0.997	NO	bb
5	200527P1-9	Standard	5.000	4.85	2345.541	2154.200	13.610	5.1	2.8	NO	0.997	NO	bb
6	200527P1-10	Standard	10.000	4.85	5021.196	2091.106	30.015	11.4	14.5	NO	0.997	NO	bb
7	200527P1-11	Standard	50.000	4.85	24913.639	2187.867	142.340	54.7	9.4	NO	0.997	NO	bb
8	200527P1-12	Standard	100.000	4.85	48699.398	2234.175	272.469	105.0	5.0	NO	0.997	NO	bb
9	200527P1-13	Standard	250.000	4.86	106825.070	2239.469	596.263	230.8	-7.7	NO	0.997	NO	bb
10	200527P1-14	Standard	500.000	4.86	197804.766	1901.498	1300.322	508.2	1.6	NO	0.997	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.997912
Calibration curve: -0.000183403 * x^2 + 0.879276 * x + 0.0197312
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.92	208.389	12452.668	0.209	0.2	-13.8	NO	0.998	NO	bb
2	200527P1-6	Standard	0.500	4.92	524.768	13050.553	0.503	0.5	9.9	NO	0.998	NO	bb
3	200527P1-7	Standard	1.000	4.93	1006.354	13461.060	0.935	1.0	4.1	NO	0.998	NO	bb
4	200527P1-8	Standard	2.000	4.93	1886.739	13363.392	1.765	2.0	-0.7	NO	0.998	NO	bb
5	200527P1-9	Standard	5.000	4.92	4872.225	13664.105	4.457	5.1	1.0	NO	0.998	NO	bb
6	200527P1-10	Standard	10.000	4.92	9458.710	13521.803	8.744	9.9	-0.6	NO	0.998	NO	bb
7	200527P1-11	Standard	50.000	4.92	49816.453	12934.755	48.142	55.4	10.7	NO	0.998	NO	bb
8	200527P1-12	Standard	100.000	4.92	100366.008	14090.890	89.034	103.5	3.5	NO	0.998	NO	bb
9	200527P1-13	Standard	250.000	4.93	218053.594	13954.318	195.328	233.5	-6.6	NO	0.998	NO	bb
10	200527P1-14	Standard	500.000	4.93	401634.438	12573.526	399.286	507.9	1.6	NO	0.998	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999489
Calibration curve: -0.000378787 * x^2 + 0.882707 * x + -0.0151413
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.89	16.094	1053.526	0.191	0.2	-6.6	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	4.90	35.370	1186.838	0.373	0.4	-12.1	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	4.90	95.889	1245.867	0.962	1.1	10.8	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	4.90	165.760	1189.388	1.742	2.0	-0.4	NO	0.999	NO	MM
5	200527P1-9	Standard	5.000	4.90	405.502	1145.529	4.425	5.0	0.8	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	4.90	821.868	1126.417	9.120	10.4	4.0	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	4.90	4100.943	1127.083	45.482	52.7	5.5	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	4.90	8366.495	1234.463	84.718	100.3	0.3	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	4.90	17840.555	1163.667	191.642	242.3	-3.1	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	4.90	32515.148	1164.496	349.026	504.7	0.9	NO	0.999	NO	bb

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Compound name: PFNS
Correlation coefficient: r = 0.999274, r^2 = 0.998549
Calibration curve: 1.10152 * x + 0.0727373
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	4.99	56.109	2074.584	0.338	0.2	-3.6	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	4.99	107.426	2192.626	0.612	0.5	-2.0	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	5.00	214.437	2282.103	1.175	1.0	0.0	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	4.99	407.235	2134.890	2.384	2.1	4.9	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	4.99	1026.868	2154.200	5.959	5.3	6.9	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	4.99	1998.149	2091.106	11.944	10.8	7.8	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	4.99	10462.292	2187.867	59.774	54.2	8.4	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	4.99	21249.340	2234.175	118.888	107.9	7.9	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	5.00	48221.945	2239.469	269.159	244.3	-2.3	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	5.00	82526.641	1901.498	542.511	492.4	-1.5	NO	0.999	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.997366
Calibration curve: -0.000228221 * x^2 + 1.14231 * x + 0.034727
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.08	81.170	3284.283	0.309	0.2	-4.0	NO	0.997	NO	MM
2	200527P1-6	Standard	0.500	5.08	175.992	3155.107	0.697	0.6	16.0	NO	0.997	NO	MM
3	200527P1-7	Standard	1.000	5.08	341.578	3494.781	1.222	1.0	3.9	NO	0.997	NO	MM
4	200527P1-8	Standard	2.000	5.08	556.032	3384.218	2.054	1.8	-11.6	NO	0.997	NO	MM
5	200527P1-9	Standard	5.000	5.08	1419.647	3320.921	5.344	4.7	-7.0	NO	0.997	NO	MM
6	200527P1-10	Standard	10.000	5.08	3025.536	3191.361	11.850	10.4	3.7	NO	0.997	NO	MM
7	200527P1-11	Standard	50.000	5.08	16249.316	3117.855	65.146	57.7	15.3	NO	0.997	NO	MM
8	200527P1-12	Standard	100.000	5.08	33329.859	3702.050	112.539	100.5	0.5	NO	0.997	NO	MM
9	200527P1-13	Standard	250.000	5.09	71135.891	3483.062	255.292	234.4	-6.2	NO	0.997	NO	MM
10	200527P1-14	Standard	500.000	5.09	131614.156	3156.552	521.194	507.7	1.5	NO	0.997	NO	MM

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999492
Calibration curve: -0.000380491 * x^2 + 1.40853 * x + -0.0033171
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.24	102.640	3078.034	0.417	0.3	19.3	NO	0.999	NO	MM
2	200527P1-6	Standard	0.500	5.24	193.227	3223.213	0.749	0.5	6.9	NO	0.999	NO	MM
3	200527P1-7	Standard	1.000	5.24	309.700	3447.221	1.123	0.8	-20.0	NO	0.999	NO	MM
4	200527P1-8	Standard	2.000	5.24	685.364	3257.881	2.630	1.9	-6.5	NO	0.999	NO	MM
5	200527P1-9	Standard	5.000	5.24	1952.648	3679.751	6.633	4.7	-5.6	NO	0.999	NO	MM
6	200527P1-10	Standard	10.000	5.24	3640.017	3194.591	14.243	10.1	1.4	NO	0.999	NO	MM
7	200527P1-11	Standard	50.000	5.24	18998.381	3253.379	72.995	52.6	5.1	NO	0.999	NO	MM
8	200527P1-12	Standard	100.000	5.24	37901.953	3408.070	139.015	101.5	1.5	NO	0.999	NO	MM
9	200527P1-13	Standard	250.000	5.25	79717.703	3114.505	319.945	243.1	-2.8	NO	0.999	NO	MM
10	200527P1-14	Standard	500.000	5.24	137614.516	2808.011	612.598	503.4	0.7	NO	0.999	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.997538
Calibration curve: -9.18404e-005 * x^2 + 1.03073 * x + 0.127031
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.25	362.307	11564.188	0.392	0.3	2.7	NO	0.998	NO	bb
2	200527P1-6	Standard	0.500	5.25	547.962	12112.646	0.565	0.4	-14.9	NO	0.998	NO	bb
3	200527P1-7	Standard	1.000	5.25	1227.100	13607.513	1.127	1.0	-3.0	NO	0.998	NO	bb
4	200527P1-8	Standard	2.000	5.25	2125.394	13258.279	2.004	1.8	-8.9	NO	0.998	NO	bb
5	200527P1-9	Standard	5.000	5.25	5602.222	12297.633	5.694	5.4	8.1	NO	0.998	NO	bb
6	200527P1-10	Standard	10.000	5.25	11101.734	12319.887	11.264	10.8	8.2	NO	0.998	NO	bb
7	200527P1-11	Standard	50.000	5.25	55522.918	12458.652	55.707	54.2	8.4	NO	0.998	NO	bb
8	200527P1-12	Standard	100.000	5.25	111570.656	12954.601	107.655	105.3	5.3	NO	0.998	NO	bb
9	200527P1-13	Standard	250.000	5.26	243108.938	12993.326	233.879	231.6	-7.4	NO	0.998	NO	bb
10	200527P1-14	Standard	500.000	5.26	438935.156	10971.086	500.104	508.1	1.6	NO	0.998	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999119
Calibration curve: -0.000205501 * x^2 + 1.07542 * x + 0.0186468
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.30	44.603	2074.584	0.269	0.2	-7.0	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	5.30	94.461	2192.626	0.539	0.5	-3.3	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	5.30	225.879	2282.103	1.237	1.1	13.3	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	5.30	342.245	2134.890	2.004	1.8	-7.7	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	5.30	954.643	2154.200	5.539	5.1	2.8	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	5.30	1875.064	2091.106	11.209	10.4	4.3	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	5.30	9765.962	2187.867	55.796	52.4	4.8	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	5.31	19441.750	2234.175	108.775	103.2	3.2	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	5.31	43927.059	2239.469	245.187	238.9	-4.4	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	5.31	74668.969	1901.498	490.856	505.2	1.0	NO	0.999	NO	bb

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.998606
Calibration curve: -6.79334e-005 * x^2 + 0.304772 * x + 0.00570816
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.47	74.875	13315.999	0.070	0.2	-15.2	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	5.47	180.471	13643.146	0.165	0.5	4.8	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	5.47	333.420	14522.411	0.287	0.9	-7.7	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	5.47	747.829	14023.260	0.667	2.2	8.5	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	5.47	1770.040	14588.124	1.517	5.0	-0.7	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	5.47	3574.805	12776.215	3.498	11.5	14.9	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	5.47	17188.342	13846.673	15.517	51.5	3.0	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	5.47	35341.945	14238.488	31.027	104.2	4.2	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	5.48	77532.133	14191.550	68.291	236.5	-5.4	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	5.47	137914.453	12588.821	136.941	506.5	1.3	NO	0.999	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999097
Calibration curve: -0.000777216 * x^2 + 2.04612 * x + -0.134785
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.52	16.498	744.452	0.277	0.2	-19.5	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	5.53	55.029	758.387	0.907	0.5	1.9	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	5.52	149.896	875.143	2.141	1.1	11.3	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	5.53	220.377	724.759	3.801	1.9	-3.8	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	5.53	490.616	849.172	7.222	3.6	-28.0	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	5.53	1296.891	709.956	22.834	11.3	12.7	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	5.53	5745.536	725.104	99.047	49.4	-1.2	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	5.53	11479.139	732.855	195.795	99.5	-0.5	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	5.53	23298.463	623.630	466.993	252.5	1.0	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	5.53	39660.641	599.603	826.810	498.6	-0.3	NO	0.999	NO	bb

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998924
Calibration curve: -0.00024414 * x^2 + 0.965119 * x + 0.0227152
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.54	241.174	13315.999	0.226	0.2	-15.6	NO	0.999	NO	bd
2	200527P1-6	Standard	0.500	5.54	546.963	13643.146	0.501	0.5	-0.8	NO	0.999	NO	dd
3	200527P1-7	Standard	1.000	5.54	1169.669	14522.411	1.007	1.0	2.0	NO	0.999	NO	bd
4	200527P1-8	Standard	2.000	5.54	2306.444	14023.260	2.056	2.1	5.4	NO	0.999	NO	MM
5	200527P1-9	Standard	5.000	5.54	5887.640	14588.124	5.045	5.2	4.2	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	5.54	10929.354	12776.215	10.693	11.1	10.9	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	5.55	54973.922	13846.673	49.627	52.1	4.2	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	5.55	110258.742	14238.488	96.796	103.0	3.0	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	5.55	244757.406	14191.550	215.584	237.6	-4.9	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	5.54	429044.656	12588.821	426.018	506.2	1.2	NO	0.999	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.997113
Calibration curve: -0.000113792 * x^2 + 1.07338 * x + 0.0930115
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	1.250	5.56	112.970	13657.222	1.234	1.1	-14.9	NO	0.997	NO	bb
2	200527P1-6	Standard	2.500	5.55	261.891	13347.370	2.927	2.6	5.7	NO	0.997	NO	bb
3	200527P1-7	Standard	5.000	5.56	552.212	14552.900	5.661	5.2	3.8	NO	0.997	NO	bb
4	200527P1-8	Standard	10.000	5.56	975.953	13774.635	10.571	9.8	-2.3	NO	0.997	NO	bb
5	200527P1-9	Standard	25.000	5.56	2562.515	14017.297	27.275	25.4	1.6	NO	0.997	NO	bb
6	200527P1-10	Standard	50.000	5.56	5011.138	13126.468	56.958	53.3	6.6	NO	0.997	NO	bb
7	200527P1-11	Standard	250.000	5.56	24959.949	13462.313	276.626	265.1	6.0	NO	0.997	NO	bb
8	200527P1-12	Standard	500.000	5.56	50131.234	13816.302	541.359	534.6	6.9	NO	0.997	NO	bb
9	200527P1-13	Standard	1250.000	5.56	109175.234	15136.012	1076.172	1140.4	-8.8	NO	0.997	NO	bb
10	200527P1-14	Standard	2500.000	5.56	188710.109	14021.207	2008.069	2572.0	2.9	NO	0.997	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.997907
Calibration curve: -0.000282925 * x^2 + 0.908401 * x + 0.0642961
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.79	283.693	13315.999	0.266	0.2	-11.0	NO	0.998	NO	MM
2	200527P1-6	Standard	0.500	5.79	591.985	13643.146	0.542	0.5	5.3	NO	0.998	NO	bb
3	200527P1-7	Standard	1.000	5.79	1120.706	14522.411	0.965	1.0	-0.9	NO	0.998	NO	bb
4	200527P1-8	Standard	2.000	5.79	2022.999	14023.260	1.803	1.9	-4.2	NO	0.998	NO	bb
5	200527P1-9	Standard	5.000	5.80	5034.511	14588.124	4.314	4.7	-6.3	NO	0.998	NO	bb
6	200527P1-10	Standard	10.000	5.80	10452.768	12776.215	10.227	11.2	12.3	NO	0.998	NO	bb
7	200527P1-11	Standard	50.000	5.80	51351.543	13846.673	46.357	51.8	3.6	NO	0.998	NO	bb
8	200527P1-12	Standard	100.000	5.80	106608.922	14238.488	93.592	106.5	6.5	NO	0.998	NO	bb
9	200527P1-13	Standard	250.000	5.79	222950.938	14191.550	196.376	233.0	-6.8	NO	0.998	NO	bb
10	200527P1-14	Standard	500.000	5.79	391568.688	12588.821	388.806	508.5	1.7	NO	0.998	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999979
Calibration curve: -3.89644e-005 * x^2 + 0.223922 * x + -0.00219973
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	5.82	57.288	12728.844	0.056	0.3	4.4	NO	1.000	NO	bb
2	200527P1-6	Standard	0.500	5.82	107.456	12912.603	0.104	0.5	-5.1	NO	1.000	NO	bb
3	200527P1-7	Standard	1.000	5.81	239.168	13397.514	0.223	1.0	0.7	NO	1.000	NO	bb
4	200527P1-8	Standard	2.000	5.82	470.587	13301.170	0.442	2.0	-0.7	NO	1.000	NO	bb
5	200527P1-9	Standard	5.000	5.82	1247.654	13656.700	1.142	5.1	2.3	NO	1.000	NO	bb
6	200527P1-10	Standard	10.000	5.82	2230.214	12599.821	2.213	9.9	-0.9	NO	1.000	NO	bb
7	200527P1-11	Standard	50.000	5.82	11488.970	13005.069	11.043	49.8	-0.5	NO	1.000	NO	bb
8	200527P1-12	Standard	100.000	5.82	22732.781	12987.254	21.880	99.4	-0.6	NO	1.000	NO	bb
9	200527P1-13	Standard	250.000	5.81	50476.629	11720.835	53.832	251.4	0.6	NO	1.000	NO	bb
10	200527P1-14	Standard	500.000	5.81	86443.109	10582.865	102.103	499.4	-0.1	NO	1.000	NO	bb

Compound name: PFTeDA
Correlation coefficient: r = 0.999426, r^2 = 0.998852
Calibration curve: 0.723041 * x + 0.06681
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	6.01	214.912	12728.844	0.211	0.2	-20.2	NO	0.999	NO	MM
2	200527P1-6	Standard	0.500	6.01	439.377	12912.603	0.425	0.5	-0.8	NO	0.999	NO	MM
3	200527P1-7	Standard	1.000	6.01	956.353	13397.514	0.892	1.1	14.2	NO	0.999	NO	MM
4	200527P1-8	Standard	2.000	6.01	1545.333	13301.170	1.452	1.9	-4.2	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	6.01	4040.145	13656.700	3.698	5.0	0.4	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	6.01	7749.162	12599.821	7.688	10.5	5.4	NO	0.999	NO	db
7	200527P1-11	Standard	50.000	6.01	37493.250	13005.069	36.037	49.7	-0.5	NO	0.999	NO	MM
8	200527P1-12	Standard	100.000	6.02	78939.195	12987.254	75.978	105.0	5.0	NO	0.999	NO	MM
9	200527P1-13	Standard	250.000	6.01	175629.422	11720.835	187.305	259.0	3.6	NO	0.999	NO	MM
10	200527P1-14	Standard	500.000	6.01	297400.813	10582.865	351.276	485.7	-2.9	NO	0.999	NO	MM

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.998598
Calibration curve: -0.000108029 * x^2 + 1.10546 * x + 0.300623
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	1.250	6.01	183.569	17928.607	1.528	1.1	-11.2	NO	0.999	NO	bb
2	200527P1-6	Standard	2.500	6.01	352.206	17878.166	2.939	2.4	-4.5	NO	0.999	NO	bb
3	200527P1-7	Standard	5.000	6.01	759.371	19340.527	5.858	5.0	0.6	NO	0.999	NO	bb
4	200527P1-8	Standard	10.000	6.01	1474.390	19051.898	11.546	10.2	1.8	NO	0.999	NO	bb
5	200527P1-9	Standard	25.000	6.01	3528.559	18749.836	28.078	25.2	0.8	NO	0.999	NO	bb
6	200527P1-10	Standard	50.000	6.01	7217.840	17911.578	60.123	54.4	8.8	NO	0.999	NO	bb
7	200527P1-11	Standard	250.000	6.01	34683.328	18565.709	278.726	258.4	3.4	NO	0.999	NO	bb
8	200527P1-12	Standard	500.000	6.01	68162.742	18510.771	549.403	523.5	4.7	NO	0.999	NO	bb
9	200527P1-13	Standard	1250.000	6.01	144459.078	18737.359	1150.285	1175.3	-6.0	NO	0.999	NO	bb
10	200527P1-14	Standard	2500.000	6.01	236871.859	16712.748	2114.630	2546.2	1.8	NO	0.999	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999074
Calibration curve: -0.000242954 * x^2 + 1.07677 * x + 0.207448
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	6.36	573.362	16463.025	0.435	0.2	-15.3	NO	0.999	NO	bd
2	200527P1-6	Standard	0.500	6.36	992.580	15968.441	0.777	0.5	5.8	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	6.36	1817.076	17714.742	1.282	1.0	-0.2	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	6.36	3304.365	17956.689	2.300	1.9	-2.8	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	6.36	7851.110	17197.176	5.707	5.1	2.3	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	6.36	15323.202	16375.288	11.697	10.7	7.0	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	6.36	75635.547	17267.012	54.754	51.3	2.5	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	6.36	150632.906	17136.219	109.879	104.3	4.3	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	6.36	337455.375	17344.104	243.206	238.5	-4.6	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	6.36	608613.875	15772.969	482.323	505.4	1.1	NO	0.999	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.998857
Calibration curve: -0.000207963 * x^2 + 0.878396 * x + 0.00252473
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	0.250	6.62	295.769	16463.025	0.225	0.3	1.1	NO	0.999	NO	bb
2	200527P1-6	Standard	0.500	6.61	563.055	15968.441	0.441	0.5	-0.2	NO	0.999	NO	bb
3	200527P1-7	Standard	1.000	6.61	1227.174	17714.742	0.866	1.0	-1.7	NO	0.999	NO	bb
4	200527P1-8	Standard	2.000	6.61	2432.746	17956.689	1.693	1.9	-3.7	NO	0.999	NO	bb
5	200527P1-9	Standard	5.000	6.62	5959.310	17197.176	4.332	4.9	-1.3	NO	0.999	NO	bb
6	200527P1-10	Standard	10.000	6.62	11955.567	16375.288	9.126	10.4	4.1	NO	0.999	NO	bb
7	200527P1-11	Standard	50.000	6.62	59951.250	17267.012	43.400	50.0	-0.0	NO	0.999	NO	bb
8	200527P1-12	Standard	100.000	6.62	125059.789	17136.219	91.225	106.5	6.5	NO	0.999	NO	bb
9	200527P1-13	Standard	250.000	6.61	273942.406	17344.104	197.432	238.2	-4.7	NO	0.999	NO	bb
10	200527P1-14	Standard	500.000	6.62	492996.406	15772.969	390.697	505.2	1.0	NO	0.999	NO	bb

Compound name: N-MeFOSE
Correlation coefficient: r = 0.999189, r^2 = 0.998378
Calibration curve: 1.02478 * x + 0.331401
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	1.250	6.26	122.605	14690.676	1.245	0.9	-28.7	NO	0.998	NO	bb
2	200527P1-6	Standard	2.500	6.26	288.217	15425.861	2.788	2.4	-4.1	NO	0.998	NO	bb
3	200527P1-7	Standard	5.000	6.26	633.059	16126.215	5.857	5.4	7.8	NO	0.998	NO	bb
4	200527P1-8	Standard	10.000	6.26	1098.924	15427.467	10.628	10.0	0.5	NO	0.998	NO	bb
5	200527P1-9	Standard	25.000	6.26	2838.122	15263.306	27.743	26.7	7.0	NO	0.998	NO	MM
6	200527P1-10	Standard	50.000	6.26	5558.553	14986.675	55.338	53.7	7.4	NO	0.998	NO	bb
7	200527P1-11	Standard	250.000	6.26	27875.879	15160.550	274.336	267.4	7.0	NO	0.998	NO	bb
8	200527P1-12	Standard	500.000	6.26	58179.828	15691.533	553.192	539.5	7.9	NO	0.998	NO	bb
9	200527P1-13	Standard	1250.000	6.25	135485.313	16512.234	1224.208	1194.3	-4.5	NO	0.998	NO	bb
10	200527P1-14	Standard	2500.000	6.25	263181.000	15365.051	2555.579	2493.5	-0.3	NO	0.998	NO	bb

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Compound name: N-EtFOSE
Correlation coefficient: r = 0.999222, r^2 = 0.998444
Calibration curve: 0.977142 * x + 0.504708
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200527P1-5	Standard	1.250	6.41	155.953	15713.458	1.481	1.0	-20.1	NO	0.998	NO	bb
2	200527P1-6	Standard	2.500	6.41	266.586	16414.383	2.423	2.0	-21.5	NO	0.998	NO	bb
3	200527P1-7	Standard	5.000	6.41	642.582	17004.598	5.638	5.3	5.1	NO	0.998	NO	bb
4	200527P1-8	Standard	10.000	6.41	1246.536	16928.143	10.987	10.7	7.3	NO	0.998	NO	bb
5	200527P1-9	Standard	25.000	6.41	2975.213	16331.492	27.181	27.3	9.2	NO	0.998	NO	bb
6	200527P1-10	Standard	50.000	6.41	5885.844	16128.499	54.448	55.2	10.4	NO	0.998	NO	bb
7	200527P1-11	Standard	250.000	6.42	29667.631	16993.299	260.480	266.1	6.4	NO	0.998	NO	bb
8	200527P1-12	Standard	500.000	6.42	61058.129	17298.639	526.624	538.4	7.7	NO	0.998	NO	bb
9	200527P1-13	Standard	1250.000	6.41	142374.891	18114.967	1172.640	1199.6	-4.0	NO	0.998	NO	bb
10	200527P1-14	Standard	2500.000	6.41	271366.625	16648.738	2431.890	2488.3	-0.5	NO	0.998	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 289.289
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	1.22	3396.232	3396.232	11.7	-6.1	NO	NO	bbX
2	200527P1-6	Standard	12.500	1.22	3765.691	3765.691	13.0	4.1	NO	NO	bbX
3	200527P1-7	Standard	12.500	1.22	3545.750	3545.750	12.3	-1.9	NO	NO	bbX
4	200527P1-8	Standard	12.500	1.22	3582.455	3582.455	12.4	-0.9	NO	NO	bbX
5	200527P1-9	Standard	12.500	1.22	3621.477	3621.477	12.5	0.1	NO	NO	MMX
6	200527P1-10	Standard	12.500	1.22	3616.116	3616.116	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	1.22	3850.823	3850.823	13.3	6.5	NO	NO	bbX
8	200527P1-12	Standard	12.500	1.22	3786.115	3786.115	13.1	4.7	NO	NO	MMX
9	200527P1-13	Standard	12.500	1.22	3887.501	3887.501	13.4	7.5	NO	NO	bbX
10	200527P1-14	Standard	12.500	1.22	3822.485	3822.485	13.2	5.7	NO	NO	bbX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.877921
RRF SD: 0.0188934, Relative SD: 2.15207
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	1.22	3396.232	3823.928	11.102	12.6	1.2	NO	NO	bb
2	200527P1-6	Standard	12.500	1.22	3765.691	4114.114	11.441	13.0	4.3	NO	NO	bb
3	200527P1-7	Standard	12.500	1.22	3545.750	4146.665	10.689	12.2	-2.6	NO	NO	bb
4	200527P1-8	Standard	12.500	1.22	3582.455	4167.806	10.744	12.2	-2.1	NO	NO	bb
5	200527P1-9	Standard	12.500	1.22	3677.587	4232.117	10.862	12.4	-1.0	NO	NO	MM
6	200527P1-10	Standard	12.500	1.22	3616.116	4102.583	11.018	12.5	0.4	NO	NO	bb
7	200527P1-11	Standard	12.500	1.22	3850.823	4313.024	11.160	12.7	1.7	NO	NO	bb
8	200527P1-12	Standard	12.500	1.22	3786.220	4295.632	11.018	12.5	0.4	NO	NO	MM
9	200527P1-13	Standard	12.500	1.22	3887.501	4411.594	11.015	12.5	0.4	NO	NO	bb
10	200527P1-14	Standard	12.500	1.22	3822.485	4469.370	10.691	12.2	-2.6	NO	NO	bb

Compound name: 13C3-PFPeA-EIS
Response Factor: 588.947
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	2.15	7299.617	7299.617	12.4	-0.8	NO	NO	MMX
2	200527P1-6	Standard	12.500	2.15	8422.381	8422.381	14.3	14.4	NO	NO	bbX
3	200527P1-7	Standard	12.500	2.15	7836.401	7836.401	13.3	6.4	NO	NO	MMX
4	200527P1-8	Standard	12.500	2.15	7918.942	7918.942	13.4	7.6	NO	NO	MMX
5	200527P1-9	Standard	12.500	2.15	8176.770	8176.770	13.9	11.1	NO	NO	MMX
6	200527P1-10	Standard	12.500	2.15	7361.837	7361.837	12.5	0.0	NO	NO	MM
7	200527P1-11	Standard	12.500	2.15	8759.895	8759.895	14.9	19.0	NO	NO	bbX
8	200527P1-12	Standard	12.500	2.15	8092.358	8092.358	13.7	9.9	NO	NO	MMX
9	200527P1-13	Standard	12.500	2.15	8651.212	8651.212	14.7	17.5	NO	NO	MMX
10	200527P1-14	Standard	12.500	2.15	8242.103	8242.103	14.0	12.0	NO	NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.661354
RRF SD: 0.0367764, Relative SD: 5.56077
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	2.15	7255.418	11621.889	7.804	11.8	-5.6	NO	NO	MM
2	200527P1-6	Standard	12.500	2.15	8279.833	11778.681	8.787	13.3	6.3	NO	NO	MM
3	200527P1-7	Standard	12.500	2.15	7774.712	12277.580	7.916	12.0	-4.3	NO	NO	MM
4	200527P1-8	Standard	12.500	2.15	7890.840	12304.454	8.016	12.1	-3.0	NO	NO	MM
5	200527P1-9	Standard	12.500	2.15	8098.466	12034.492	8.412	12.7	1.8	NO	NO	MM
6	200527P1-10	Standard	12.500	2.15	7274.094	11734.728	7.748	11.7	-6.3	NO	NO	MM
7	200527P1-11	Standard	12.500	2.15	8807.482	12029.563	9.152	13.8	10.7	NO	NO	MM
8	200527P1-12	Standard	12.500	2.15	7996.649	12493.379	8.001	12.1	-3.2	NO	NO	MM
9	200527P1-13	Standard	12.500	2.15	8549.104	12918.306	8.272	12.5	0.1	NO	NO	MM
10	200527P1-14	Standard	12.500	2.15	8204.137	11978.021	8.562	12.9	3.6	NO	NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 81.9124
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	2.43	1046.250	1046.250	12.8	2.2	NO	NO	bbX
2	200527P1-6	Standard	12.500	2.43	1042.446	1042.446	12.7	1.8	NO	NO	bbX
3	200527P1-7	Standard	12.500	2.43	1125.333	1125.333	13.7	9.9	NO	NO	bbX
4	200527P1-8	Standard	12.500	2.43	1063.896	1063.896	13.0	3.9	NO	NO	MMX
5	200527P1-9	Standard	12.500	2.43	1078.358	1078.358	13.2	5.3	NO	NO	MMX
6	200527P1-10	Standard	12.500	2.43	1023.905	1023.905	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	2.43	1143.206	1143.206	14.0	11.7	NO	NO	bbX
8	200527P1-12	Standard	12.500	2.43	1104.368	1104.368	13.5	7.9	NO	NO	bbX
9	200527P1-13	Standard	12.500	2.43	1177.343	1177.343	14.4	15.0	NO	NO	bbX
10	200527P1-14	Standard	12.500	2.43	1007.011	1007.011	12.3	-1.6	NO	NO	bbX

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Compound name: 13C3-PFBS-RSD
Response Factor: 1.32104
RRF SD: 0.0857171, Relative SD: 6.48859
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	2.43	1046.250	789.700	16.561	12.5	0.3	NO	NO	bb
2	200527P1-6	Standard	12.500	2.43	1042.446	746.863	17.447	13.2	5.7	NO	NO	bb
3	200527P1-7	Standard	12.500	2.43	1125.333	868.847	16.190	12.3	-2.0	NO	NO	bb
4	200527P1-8	Standard	12.500	2.43	1064.205	860.264	15.463	11.7	-6.4	NO	NO	MM
5	200527P1-9	Standard	12.500	2.43	1079.997	825.956	16.345	12.4	-1.0	NO	NO	MM
6	200527P1-10	Standard	12.500	2.43	1023.905	842.992	15.183	11.5	-8.1	NO	NO	bb
7	200527P1-11	Standard	12.500	2.43	1143.206	778.603	18.353	13.9	11.1	NO	NO	bb
8	200527P1-12	Standard	12.500	2.43	1104.368	894.586	15.431	11.7	-6.6	NO	NO	bb
9	200527P1-13	Standard	12.500	2.43	1177.343	823.501	17.871	13.5	8.2	NO	NO	bb
10	200527P1-14	Standard	12.500	2.43	1007.011	772.906	16.286	12.3	-1.4	NO	NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 162.458
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	3.18	2124.628	2124.628	13.1	4.6	NO	NO	bbX
2	200527P1-6	Standard	12.500	3.18	2204.816	2204.816	13.6	8.6	NO	NO	bbX
3	200527P1-7	Standard	12.500	3.18	2198.964	2198.964	13.5	8.3	NO	NO	bbX
4	200527P1-8	Standard	12.500	3.19	2036.457	2036.457	12.5	0.3	NO	NO	bbX
5	200527P1-9	Standard	12.500	3.19	2162.986	2162.986	13.3	6.5	NO	NO	bbX
6	200527P1-10	Standard	12.500	3.19	2030.720	2030.720	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	3.19	2194.507	2194.507	13.5	8.1	NO	NO	bbX
8	200527P1-12	Standard	12.500	3.19	2321.184	2321.184	14.3	14.3	NO	NO	bbX
9	200527P1-13	Standard	12.500	3.19	2234.454	2234.454	13.8	10.0	NO	NO	bbX
10	200527P1-14	Standard	12.500	3.19	2460.810	2460.810	15.1	21.2	NO	NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.181402
RRF SD: 0.0107259, Relative SD: 5.91277
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	3.18	2124.628	11621.889	2.285	12.6	0.8	NO	NO	bb
2	200527P1-6	Standard	12.500	3.18	2204.816	11778.681	2.340	12.9	3.2	NO	NO	bb
3	200527P1-7	Standard	12.500	3.18	2198.964	12277.580	2.239	12.3	-1.3	NO	NO	bb
4	200527P1-8	Standard	12.500	3.19	2036.457	12304.454	2.069	11.4	-8.8	NO	NO	bb
5	200527P1-9	Standard	12.500	3.19	2162.986	12034.492	2.247	12.4	-0.9	NO	NO	bb
6	200527P1-10	Standard	12.500	3.19	2030.720	11734.728	2.163	11.9	-4.6	NO	NO	bb
7	200527P1-11	Standard	12.500	3.19	2194.507	12029.563	2.280	12.6	0.6	NO	NO	bb
8	200527P1-12	Standard	12.500	3.19	2321.184	12493.379	2.322	12.8	2.4	NO	NO	bb
9	200527P1-13	Standard	12.500	3.19	2234.454	12918.306	2.162	11.9	-4.6	NO	NO	bb
10	200527P1-14	Standard	12.500	3.19	2460.810	11978.021	2.568	14.2	13.3	NO	NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 118.41
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	2.88	1390.520		1390.520	11.7	-6.1	NO	NO	bbX
2	200527P1-6	Standard	12.500	2.88	1469.018		1469.018	12.4	-0.8	NO	NO	bbX
3	200527P1-7	Standard	12.500	2.88	1561.438		1561.438	13.2	5.5	NO	NO	bbX
4	200527P1-8	Standard	12.500	2.88	1563.173		1563.173	13.2	5.6	NO	NO	bbX
5	200527P1-9	Standard	12.500	2.88	1474.129		1474.129	12.4	-0.4	NO	NO	bbX
6	200527P1-10	Standard	12.500	2.88	1480.129		1480.129	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	2.88	1395.277		1395.277	11.8	-5.7	NO	NO	bbX
8	200527P1-12	Standard	12.500	2.88	1416.150		1416.150	12.0	-4.3	NO	NO	bbX
9	200527P1-13	Standard	12.500	2.88	1308.979		1308.979	11.1	-11.6	NO	NO	bbX
10	200527P1-14	Standard	12.500	2.88	1190.176		1190.176	10.1	-19.6	NO	NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.7387
RRF SD: 0.130558, Relative SD: 7.50897
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	2.88	1390.520	789.700	22.010	12.7	1.3	NO	NO	bb
2	200527P1-6	Standard	12.500	2.88	1469.018	746.863	24.586	14.1	13.1	NO	NO	bb
3	200527P1-7	Standard	12.500	2.88	1561.438	868.847	22.464	12.9	3.4	NO	NO	bb
4	200527P1-8	Standard	12.500	2.88	1563.173	860.264	22.714	13.1	4.5	NO	NO	bb
5	200527P1-9	Standard	12.500	2.88	1474.129	825.956	22.309	12.8	2.6	NO	NO	bb
6	200527P1-10	Standard	12.500	2.88	1480.129	842.992	21.948	12.6	1.0	NO	NO	bb
7	200527P1-11	Standard	12.500	2.88	1395.277	778.603	22.400	12.9	3.1	NO	NO	bb
8	200527P1-12	Standard	12.500	2.88	1416.150	894.586	19.788	11.4	-9.0	NO	NO	bb
9	200527P1-13	Standard	12.500	2.88	1308.979	823.501	19.869	11.4	-8.6	NO	NO	bb
10	200527P1-14	Standard	12.500	2.88	1190.176	772.906	19.248	11.1	-11.4	NO	NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 849.096
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	2.96	10191.212	10191.212	12.0	-4.0	NO	NO	bbX
2	200527P1-6	Standard	12.500	2.96	11049.359	11049.359	13.0	4.1	NO	NO	bbX
3	200527P1-7	Standard	12.500	2.96	11444.359	11444.359	13.5	7.8	NO	NO	bbX
4	200527P1-8	Standard	12.500	2.96	11038.921	11038.921	13.0	4.0	NO	NO	bbX
5	200527P1-9	Standard	12.500	2.96	11002.305	11002.305	13.0	3.7	NO	NO	bbX
6	200527P1-10	Standard	12.500	2.96	10613.695	10613.695	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	2.96	11125.552	11125.552	13.1	4.8	NO	NO	bbX
8	200527P1-12	Standard	12.500	2.96	11240.164	11240.164	13.2	5.9	NO	NO	bbX
9	200527P1-13	Standard	12.500	2.96	11465.433	11465.433	13.5	8.0	NO	NO	bbX
10	200527P1-14	Standard	12.500	2.96	10845.651	10845.651	12.8	2.2	NO	NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.90805
RRF SD: 0.0194423, Relative SD: 2.14111
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	2.96	10191.212	11621.889	10.961	12.1	-3.4	NO	NO	bb
2	200527P1-6	Standard	12.500	2.96	11049.359	11778.681	11.726	12.9	3.3	NO	NO	bb
3	200527P1-7	Standard	12.500	2.96	11444.359	12277.580	11.652	12.8	2.7	NO	NO	bb
4	200527P1-8	Standard	12.500	2.96	11038.921	12304.454	11.214	12.3	-1.2	NO	NO	bb
5	200527P1-9	Standard	12.500	2.96	11002.305	12034.492	11.428	12.6	0.7	NO	NO	bb
6	200527P1-10	Standard	12.500	2.96	10613.695	11734.728	11.306	12.5	-0.4	NO	NO	bb
7	200527P1-11	Standard	12.500	2.96	11125.552	12029.563	11.561	12.7	1.9	NO	NO	bb
8	200527P1-12	Standard	12.500	2.96	11240.164	12493.379	11.246	12.4	-0.9	NO	NO	bb
9	200527P1-13	Standard	12.500	2.96	11465.433	12918.306	11.094	12.2	-2.3	NO	NO	bb
10	200527P1-14	Standard	12.500	2.96	10845.651	11978.021	11.318	12.5	-0.3	NO	NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 724.419
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	3.58	8835.947	8835.947	12.2	-2.4	NO	NO	bbX
2	200527P1-6	Standard	12.500	3.58	9565.633	9565.633	13.2	5.6	NO	NO	bbX
3	200527P1-7	Standard	12.500	3.58	9961.063	9961.063	13.8	10.0	NO	NO	bbX
4	200527P1-8	Standard	12.500	3.58	9447.032	9447.032	13.0	4.3	NO	NO	bbX
5	200527P1-9	Standard	12.500	3.58	9448.449	9448.449	13.0	4.3	NO	NO	bbX
6	200527P1-10	Standard	12.500	3.58	9055.239	9055.239	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	3.58	9585.665	9585.665	13.2	5.9	NO	NO	bbX
8	200527P1-12	Standard	12.500	3.58	9882.528	9882.528	13.6	9.1	NO	NO	bbX
9	200527P1-13	Standard	12.500	3.58	9354.772	9354.772	12.9	3.3	NO	NO	bbX
10	200527P1-14	Standard	12.500	3.58	8518.129	8518.129	11.8	-5.9	NO	NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.773143
RRF SD: 0.0340609, Relative SD: 4.40551
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	3.58	8835.947	11621.889	9.504	12.3	-1.7	NO	NO	bb
2	200527P1-6	Standard	12.500	3.58	9565.633	11778.681	10.151	13.1	5.0	NO	NO	bb
3	200527P1-7	Standard	12.500	3.58	9961.063	12277.580	10.142	13.1	4.9	NO	NO	bb
4	200527P1-8	Standard	12.500	3.58	9447.032	12304.454	9.597	12.4	-0.7	NO	NO	bb
5	200527P1-9	Standard	12.500	3.58	9448.449	12034.492	9.814	12.7	1.5	NO	NO	bb
6	200527P1-10	Standard	12.500	3.58	9055.239	11734.728	9.646	12.5	-0.2	NO	NO	bb
7	200527P1-11	Standard	12.500	3.58	9585.665	12029.563	9.961	12.9	3.1	NO	NO	bb
8	200527P1-12	Standard	12.500	3.58	9882.528	12493.379	9.888	12.8	2.3	NO	NO	bb
9	200527P1-13	Standard	12.500	3.58	9354.772	12918.306	9.052	11.7	-6.3	NO	NO	bb
10	200527P1-14	Standard	12.500	3.58	8518.129	11978.021	8.889	11.5	-8.0	NO	NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 171.58
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	3.72	1887.462	1887.462	11.0	-12.0	NO	NO	bbX
2	200527P1-6	Standard	12.500	3.72	1972.766	1972.766	11.5	-8.0	NO	NO	bbX
3	200527P1-7	Standard	12.500	3.73	2128.931	2128.931	12.4	-0.7	NO	NO	bbX
4	200527P1-8	Standard	12.500	3.73	2037.390	2037.390	11.9	-5.0	NO	NO	bbX
5	200527P1-9	Standard	12.500	3.73	2170.261	2170.261	12.6	1.2	NO	NO	bbX
6	200527P1-10	Standard	12.500	3.73	2144.753	2144.753	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	3.73	2118.171	2118.171	12.3	-1.2	NO	NO	bbX
8	200527P1-12	Standard	12.500	3.73	2071.726	2071.726	12.1	-3.4	NO	NO	bbX
9	200527P1-13	Standard	12.500	3.73	2065.394	2065.394	12.0	-3.7	NO	NO	bbX
10	200527P1-14	Standard	12.500	3.73	1851.611	1851.611	10.8	-13.7	NO	NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 2.4962
RRF SD: 0.13476, Relative SD: 5.3986
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	3.72	1887.462	789.700	29.876	12.0	-4.3	NO	NO	bb
2	200527P1-6	Standard	12.500	3.72	1972.766	746.863	33.018	13.2	5.8	NO	NO	bb
3	200527P1-7	Standard	12.500	3.73	2128.931	868.847	30.629	12.3	-1.8	NO	NO	bb
4	200527P1-8	Standard	12.500	3.73	2037.390	860.264	29.604	11.9	-5.1	NO	NO	bb
5	200527P1-9	Standard	12.500	3.73	2170.261	825.956	32.845	13.2	5.3	NO	NO	bb
6	200527P1-10	Standard	12.500	3.73	2144.753	842.992	31.803	12.7	1.9	NO	NO	bb
7	200527P1-11	Standard	12.500	3.73	2118.171	778.603	34.006	13.6	9.0	NO	NO	bb
8	200527P1-12	Standard	12.500	3.73	2071.726	894.586	28.948	11.6	-7.2	NO	NO	bb
9	200527P1-13	Standard	12.500	3.73	2065.394	823.501	31.351	12.6	0.5	NO	NO	bb
10	200527P1-14	Standard	12.500	3.73	1851.611	772.906	29.946	12.0	-4.0	NO	NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 92.7688
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	4.04	1166.761	1166.761	12.6	0.6	NO	NO	MMX
2	200527P1-6	Standard	12.500	4.04	1175.279	1175.279	12.7	1.4	NO	NO	MMX
3	200527P1-7	Standard	12.500	4.04	1273.039	1273.039	13.7	9.8	NO	NO	MMX
4	200527P1-8	Standard	12.500	4.04	1313.651	1313.651	14.2	13.3	NO	NO	MMX
5	200527P1-9	Standard	12.500	4.04	1207.800	1207.800	13.0	4.2	NO	NO	MMX
6	200527P1-10	Standard	12.500	4.04	1159.610	1159.610	12.5	0.0	NO	NO	MM
7	200527P1-11	Standard	12.500	4.04	1207.434	1207.434	13.0	4.1	NO	NO	MMX
8	200527P1-12	Standard	12.500	4.04	1255.683	1255.683	13.5	8.3	NO	NO	MMX
9	200527P1-13	Standard	12.500	4.04	1170.978	1170.978	12.6	1.0	NO	NO	MMX
10	200527P1-14	Standard	12.500	4.04	1129.420	1129.420	12.2	-2.6	NO	NO	MMX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.468162
RRF SD: 0.0276068, Relative SD: 5.89686
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.04	1155.665	2588.503	5.581	11.9	-4.6	NO	NO	bb
2	200527P1-6	Standard	12.500	4.04	1160.484	2647.485	5.479	11.7	-6.4	NO	NO	bb
3	200527P1-7	Standard	12.500	4.04	1267.962	2564.497	6.180	13.2	5.6	NO	NO	bb
4	200527P1-8	Standard	12.500	4.04	1308.178	2487.254	6.574	14.0	12.3	NO	NO	bb
5	200527P1-9	Standard	12.500	4.04	1201.807	2631.229	5.709	12.2	-2.4	NO	NO	bb
6	200527P1-10	Standard	12.500	4.04	1158.163	2500.875	5.789	12.4	-1.1	NO	NO	bb
7	200527P1-11	Standard	12.500	4.04	1204.588	2550.487	5.904	12.6	0.9	NO	NO	MM
8	200527P1-12	Standard	12.500	4.04	1237.386	2720.403	5.686	12.1	-2.8	NO	NO	bb
9	200527P1-13	Standard	12.500	4.04	1159.381	2627.076	5.516	11.8	-5.7	NO	NO	bb
10	200527P1-14	Standard	12.500	4.04	1122.249	2299.129	6.101	13.0	4.3	NO	NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 827.265
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	4.55	10032.940	10032.940	12.1	-3.0	NO	NO	bbX
2	200527P1-6	Standard	12.500	4.54	10658.307	10658.307	12.9	3.1	NO	NO	bbX
3	200527P1-7	Standard	12.500	4.55	11716.094	11716.094	14.2	13.3	NO	NO	bbX
4	200527P1-8	Standard	12.500	4.54	11103.302	11103.302	13.4	7.4	NO	NO	bbX
5	200527P1-9	Standard	12.500	4.54	10957.599	10957.599	13.2	6.0	NO	NO	bbX
6	200527P1-10	Standard	12.500	4.54	10340.809	10340.809	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.54	11265.942	11265.942	13.6	8.9	NO	NO	bbX
8	200527P1-12	Standard	12.500	4.54	11715.676	11715.676	14.2	13.3	NO	NO	bbX
9	200527P1-13	Standard	12.500	4.55	11533.584	11533.584	13.9	11.5	NO	NO	bbX
10	200527P1-14	Standard	12.500	4.55	10085.061	10085.061	12.2	-2.5	NO	NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.955553
RRF SD: 0.0275807, Relative SD: 2.88636
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.55	10032.940	10912.936	11.492	12.0	-3.8	NO	NO	bb
2	200527P1-6	Standard	12.500	4.54	10658.307	11144.348	11.955	12.5	0.1	NO	NO	bb
3	200527P1-7	Standard	12.500	4.55	11716.094	11558.699	12.670	13.3	6.1	NO	NO	bb
4	200527P1-8	Standard	12.500	4.54	11103.302	11589.279	11.976	12.5	0.3	NO	NO	bb
5	200527P1-9	Standard	12.500	4.54	10957.599	11891.401	11.518	12.1	-3.6	NO	NO	bb
6	200527P1-10	Standard	12.500	4.54	10340.809	10646.553	12.141	12.7	1.6	NO	NO	bb
7	200527P1-11	Standard	12.500	4.54	11265.942	12019.079	11.717	12.3	-1.9	NO	NO	bb
8	200527P1-12	Standard	12.500	4.54	11715.676	12222.604	11.982	12.5	0.3	NO	NO	bb
9	200527P1-13	Standard	12.500	4.55	11533.584	11848.691	12.168	12.7	1.9	NO	NO	bb
10	200527P1-14	Standard	12.500	4.55	10085.061	10659.889	11.826	12.4	-1.0	NO	NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 257.965
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	4.60	3390.312	3390.312	13.1	5.1	NO	NO	bbX
2	200527P1-6	Standard	12.500	4.59	3461.328	3461.328	13.4	7.3	NO	NO	bbX
3	200527P1-7	Standard	12.500	4.59	3528.248	3528.248	13.7	9.4	NO	NO	bbX
4	200527P1-8	Standard	12.500	4.59	3351.935	3351.935	13.0	3.9	NO	NO	bbX
5	200527P1-9	Standard	12.500	4.59	3604.872	3604.872	14.0	11.8	NO	NO	bbX
6	200527P1-10	Standard	12.500	4.59	3224.565	3224.565	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.59	3517.914	3517.914	13.6	9.1	NO	NO	bbX
8	200527P1-12	Standard	12.500	4.59	3769.510	3769.510	14.6	16.9	NO	NO	bbX
9	200527P1-13	Standard	12.500	4.60	3857.766	3857.766	15.0	19.6	NO	NO	bbX
10	200527P1-14	Standard	12.500	4.60	3423.102	3423.102	13.3	6.2	NO	NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.36644
RRF SD: 0.0175582, Relative SD: 4.79156
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.60	3390.312	9262.899	4.575	12.5	-0.1	NO	NO	bb
2	200527P1-6	Standard	12.500	4.59	3461.328	9247.535	4.679	12.8	2.1	NO	NO	bb
3	200527P1-7	Standard	12.500	4.59	3528.248	9737.968	4.529	12.4	-1.1	NO	NO	bb
4	200527P1-8	Standard	12.500	4.59	3351.935	9996.870	4.191	11.4	-8.5	NO	NO	bb
5	200527P1-9	Standard	12.500	4.59	3604.872	9488.688	4.749	13.0	3.7	NO	NO	bb
6	200527P1-10	Standard	12.500	4.59	3224.565	9448.367	4.266	11.6	-6.9	NO	NO	bb
7	200527P1-11	Standard	12.500	4.59	3517.914	9609.210	4.576	12.5	-0.1	NO	NO	bb
8	200527P1-12	Standard	12.500	4.59	3769.510	10257.596	4.594	12.5	0.3	NO	NO	bb
9	200527P1-13	Standard	12.500	4.60	3857.766	9773.773	4.934	13.5	7.7	NO	NO	bb
10	200527P1-14	Standard	12.500	4.60	3423.102	9080.048	4.712	12.9	2.9	NO	NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 808.136
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	4.09	9526.557	9526.557	11.8	-5.7	NO	NO	bbX
2	200527P1-6	Standard	12.500	4.09	10301.021	10301.021	12.7	2.0	NO	NO	bbX
3	200527P1-7	Standard	12.500	4.09	10552.874	10552.874	13.1	4.5	NO	NO	bbX
4	200527P1-8	Standard	12.500	4.09	10139.210	10139.210	12.5	0.4	NO	NO	bbX
5	200527P1-9	Standard	12.500	4.09	10373.943	10373.943	12.8	2.7	NO	NO	bbX
6	200527P1-10	Standard	12.500	4.10	10101.696	10101.696	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.09	10519.891	10519.891	13.0	4.1	NO	NO	bbX
8	200527P1-12	Standard	12.500	4.09	11004.027	11004.027	13.6	8.9	NO	NO	bbX
9	200527P1-13	Standard	12.500	4.10	10285.435	10285.435	12.7	1.8	NO	NO	bbX
10	200527P1-14	Standard	12.500	4.10	9287.694	9287.694	11.5	-8.1	NO	NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 1.10457
RRF SD: 0.0252112, Relative SD: 2.28244
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.09	9526.557	8446.635	14.098	12.8	2.1	NO	NO	bb
2	200527P1-6	Standard	12.500	4.09	10301.021	9302.103	13.842	12.5	0.3	NO	NO	bb
3	200527P1-7	Standard	12.500	4.09	10552.874	9686.776	13.618	12.3	-1.4	NO	NO	bb
4	200527P1-8	Standard	12.500	4.09	10139.210	9492.554	13.352	12.1	-3.3	NO	NO	bb
5	200527P1-9	Standard	12.500	4.09	10373.943	9224.704	14.057	12.7	1.8	NO	NO	bb
6	200527P1-10	Standard	12.500	4.10	10101.696	9325.986	13.540	12.3	-1.9	NO	NO	bb
7	200527P1-11	Standard	12.500	4.09	10519.891	9608.161	13.686	12.4	-0.9	NO	NO	bb
8	200527P1-12	Standard	12.500	4.09	11004.027	9843.730	13.973	12.7	1.2	NO	NO	bb
9	200527P1-13	Standard	12.500	4.10	10285.435	9497.471	13.537	12.3	-2.0	NO	NO	bb
10	200527P1-14	Standard	12.500	4.10	9287.694	8079.926	14.368	13.0	4.1	NO	NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 167.288
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	4.63	2074.584	2074.584	12.4	-0.8	NO	NO	bbX
2	200527P1-6	Standard	12.500	4.63	2192.626	2192.626	13.1	4.9	NO	NO	bbX
3	200527P1-7	Standard	12.500	4.63	2282.103	2282.103	13.6	9.1	NO	NO	bbX
4	200527P1-8	Standard	12.500	4.63	2134.890	2134.890	12.8	2.1	NO	NO	bbX
5	200527P1-9	Standard	12.500	4.63	2154.200	2154.200	12.9	3.0	NO	NO	bbX
6	200527P1-10	Standard	12.500	4.63	2091.106	2091.106	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.63	2187.867	2187.867	13.1	4.6	NO	NO	bbX
8	200527P1-12	Standard	12.500	4.63	2234.175	2234.175	13.4	6.8	NO	NO	bbX
9	200527P1-13	Standard	12.500	4.64	2239.469	2239.469	13.4	7.1	NO	NO	bbX
10	200527P1-14	Standard	12.500	4.64	1901.498	1901.498	11.4	-9.1	NO	NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.839132
RRF SD: 0.0256067, Relative SD: 3.05157
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.63	2074.584	2588.503	10.018	11.9	-4.5	NO	NO	bb
2	200527P1-6	Standard	12.500	4.63	2192.626	2647.485	10.352	12.3	-1.3	NO	NO	bb
3	200527P1-7	Standard	12.500	4.63	2282.103	2564.497	11.124	13.3	6.0	NO	NO	bb
4	200527P1-8	Standard	12.500	4.63	2134.890	2487.254	10.729	12.8	2.3	NO	NO	bb
5	200527P1-9	Standard	12.500	4.63	2154.200	2631.229	10.234	12.2	-2.4	NO	NO	bb
6	200527P1-10	Standard	12.500	4.63	2091.106	2500.875	10.452	12.5	-0.4	NO	NO	bb
7	200527P1-11	Standard	12.500	4.63	2187.867	2550.487	10.723	12.8	2.2	NO	NO	bb
8	200527P1-12	Standard	12.500	4.63	2234.175	2720.403	10.266	12.2	-2.1	NO	NO	bb
9	200527P1-13	Standard	12.500	4.64	2239.469	2627.076	10.656	12.7	1.6	NO	NO	bb
10	200527P1-14	Standard	12.500	4.64	1901.498	2299.129	10.338	12.3	-1.4	NO	NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1081.74
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	4.93	12452.668	12452.668	11.5	-7.9	NO	NO	bbX
2	200527P1-6	Standard	12.500	4.93	13050.553	13050.553	12.1	-3.5	NO	NO	bbX
3	200527P1-7	Standard	12.500	4.93	13461.060	13461.060	12.4	-0.4	NO	NO	bbX
4	200527P1-8	Standard	12.500	4.93	13363.392	13363.392	12.4	-1.2	NO	NO	bbX
5	200527P1-9	Standard	12.500	4.93	13664.105	13664.105	12.6	1.1	NO	NO	bbX
6	200527P1-10	Standard	12.500	4.93	13521.803	13521.803	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.93	12934.755	12934.755	12.0	-4.3	NO	NO	bbX
8	200527P1-12	Standard	12.500	4.93	14090.890	14090.890	13.0	4.2	NO	NO	bbX
9	200527P1-13	Standard	12.500	4.93	13954.318	13954.318	12.9	3.2	NO	NO	bbX
10	200527P1-14	Standard	12.500	4.93	12573.526	12573.526	11.6	-7.0	NO	NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 1.25405
RRF SD: 0.0425294, Relative SD: 3.39137
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.93	12452.668	10132.379	15.362	12.3	-2.0	NO	NO	bb
2	200527P1-6	Standard	12.500	4.93	13050.553	10984.595	14.851	11.8	-5.3	NO	NO	bb
3	200527P1-7	Standard	12.500	4.93	13461.060	10751.282	15.651	12.5	-0.2	NO	NO	bb
4	200527P1-8	Standard	12.500	4.93	13363.392	10844.333	15.404	12.3	-1.7	NO	NO	bb
5	200527P1-9	Standard	12.500	4.93	13664.105	10835.384	15.763	12.6	0.6	NO	NO	bb
6	200527P1-10	Standard	12.500	4.93	13521.803	10788.121	15.667	12.5	-0.1	NO	NO	bb
7	200527P1-11	Standard	12.500	4.93	12934.755	10730.985	15.067	12.0	-3.9	NO	NO	bb
8	200527P1-12	Standard	12.500	4.93	14090.890	10861.458	16.217	12.9	3.5	NO	NO	bb
9	200527P1-13	Standard	12.500	4.93	13954.318	10685.248	16.324	13.0	4.1	NO	NO	bb
10	200527P1-14	Standard	12.500	4.93	12573.526	9554.478	16.450	13.1	4.9	NO	NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 90.1134
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	4.90	1053.526	1053.526	11.7	-6.5	NO	NO	bbX
2	200527P1-6	Standard	12.500	4.90	1186.838	1186.838	13.2	5.4	NO	NO	bbX
3	200527P1-7	Standard	12.500	4.90	1245.867	1245.867	13.8	10.6	NO	NO	bbX
4	200527P1-8	Standard	12.500	4.90	1189.388	1189.388	13.2	5.6	NO	NO	bbX
5	200527P1-9	Standard	12.500	4.90	1145.529	1145.529	12.7	1.7	NO	NO	bbX
6	200527P1-10	Standard	12.500	4.90	1126.417	1126.417	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.90	1127.083	1127.083	12.5	0.1	NO	NO	MMX
8	200527P1-12	Standard	12.500	4.90	1234.463	1234.463	13.7	9.6	NO	NO	MMX
9	200527P1-13	Standard	12.500	4.90	1163.667	1163.667	12.9	3.3	NO	NO	bbX
10	200527P1-14	Standard	12.500	4.90	1164.496	1164.496	12.9	3.4	NO	NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.455054
RRF SD: 0.0283056, Relative SD: 6.22026
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.90	1053.526	2588.503	5.088	11.2	-10.6	NO	NO	bb
2	200527P1-6	Standard	12.500	4.90	1186.838	2647.485	5.604	12.3	-1.5	NO	NO	bb
3	200527P1-7	Standard	12.500	4.90	1245.867	2564.497	6.073	13.3	6.8	NO	NO	bb
4	200527P1-8	Standard	12.500	4.90	1189.388	2487.254	5.977	13.1	5.1	NO	NO	bb
5	200527P1-9	Standard	12.500	4.90	1145.529	2631.229	5.442	12.0	-4.3	NO	NO	bb
6	200527P1-10	Standard	12.500	4.90	1126.417	2500.875	5.630	12.4	-1.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.90	1127.208	2550.487	5.524	12.1	-2.9	NO	NO	MM
8	200527P1-12	Standard	12.500	4.90	1235.265	2720.403	5.676	12.5	-0.2	NO	NO	MM
9	200527P1-13	Standard	12.500	4.90	1163.667	2627.076	5.537	12.2	-2.7	NO	NO	bb
10	200527P1-14	Standard	12.500	4.90	1164.496	2299.129	6.331	13.9	11.3	NO	NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 255.309
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	5.07	3284.283	3284.283	12.9	2.9	NO	NO	bbX
2	200527P1-6	Standard	12.500	5.07	3155.107	3155.107	12.4	-1.1	NO	NO	bbX
3	200527P1-7	Standard	12.500	5.08	3494.781	3494.781	13.7	9.5	NO	NO	bbX
4	200527P1-8	Standard	12.500	5.07	3384.218	3384.218	13.3	6.0	NO	NO	bbX
5	200527P1-9	Standard	12.500	5.08	3320.921	3320.921	13.0	4.1	NO	NO	bbX
6	200527P1-10	Standard	12.500	5.08	3191.361	3191.361	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	5.08	3117.855	3117.855	12.2	-2.3	NO	NO	bbX
8	200527P1-12	Standard	12.500	5.08	3702.050	3702.050	14.5	16.0	NO	NO	bbX
9	200527P1-13	Standard	12.500	5.08	3483.062	3483.062	13.6	9.1	NO	NO	bbX
10	200527P1-14	Standard	12.500	5.08	3156.552	3156.552	12.4	-1.1	NO	NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.347029
RRF SD: 0.0114869, Relative SD: 3.31008
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	5.07	3284.283	9262.899	4.432	12.8	2.2	NO	NO	bb
2	200527P1-6	Standard	12.500	5.07	3155.107	9247.535	4.265	12.3	-1.7	NO	NO	bb
3	200527P1-7	Standard	12.500	5.08	3494.781	9737.968	4.486	12.9	3.4	NO	NO	bb
4	200527P1-8	Standard	12.500	5.07	3384.218	9996.870	4.232	12.2	-2.4	NO	NO	bb
5	200527P1-9	Standard	12.500	5.08	3320.921	9488.688	4.375	12.6	0.9	NO	NO	bb
6	200527P1-10	Standard	12.500	5.08	3191.361	9448.367	4.222	12.2	-2.7	NO	NO	bb
7	200527P1-11	Standard	12.500	5.08	3117.855	9609.210	4.056	11.7	-6.5	NO	NO	bb
8	200527P1-12	Standard	12.500	5.08	3702.050	10257.596	4.511	13.0	4.0	NO	NO	bb
9	200527P1-13	Standard	12.500	5.08	3483.062	9773.773	4.455	12.8	2.7	NO	NO	bb
10	200527P1-14	Standard	12.500	5.08	3156.552	9080.048	4.345	12.5	0.2	NO	NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 985.591
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	5.25	11564.188	11564.188	11.7	-6.1	NO	NO	bbX
2	200527P1-6	Standard	12.500	5.25	12112.646	12112.646	12.3	-1.7	NO	NO	bbX
3	200527P1-7	Standard	12.500	5.26	13607.513	13607.513	13.8	10.5	NO	NO	bbX
4	200527P1-8	Standard	12.500	5.26	13258.279	13258.279	13.5	7.6	NO	NO	bbX
5	200527P1-9	Standard	12.500	5.25	12297.633	12297.633	12.5	-0.2	NO	NO	bbX
6	200527P1-10	Standard	12.500	5.25	12319.887	12319.887	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	5.25	12458.652	12458.652	12.6	1.1	NO	NO	bbX
8	200527P1-12	Standard	12.500	5.25	12954.601	12954.601	13.1	5.2	NO	NO	bbX
9	200527P1-13	Standard	12.500	5.26	12993.326	12993.326	13.2	5.5	NO	NO	bbX
10	200527P1-14	Standard	12.500	5.26	10971.086	10971.086	11.1	-10.9	NO	NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.2979
RRF SD: 0.0511832, Relative SD: 3.94355
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	5.25	11564.188	9262.899	15.606	12.0	-3.8	NO	NO	bb
2	200527P1-6	Standard	12.500	5.25	12112.646	9247.535	16.373	12.6	0.9	NO	NO	bb
3	200527P1-7	Standard	12.500	5.26	13607.513	9737.968	17.467	13.5	7.7	NO	NO	bb
4	200527P1-8	Standard	12.500	5.26	13258.279	9996.870	16.578	12.8	2.2	NO	NO	bb
5	200527P1-9	Standard	12.500	5.25	12297.633	9488.688	16.200	12.5	-0.1	NO	NO	bb
6	200527P1-10	Standard	12.500	5.25	12319.887	9448.367	16.299	12.6	0.5	NO	NO	bb
7	200527P1-11	Standard	12.500	5.25	12458.652	9609.210	16.207	12.5	-0.1	NO	NO	bb
8	200527P1-12	Standard	12.500	5.25	12954.601	10257.596	15.787	12.2	-2.7	NO	NO	bb
9	200527P1-13	Standard	12.500	5.26	12993.326	9773.773	16.618	12.8	2.4	NO	NO	bb
10	200527P1-14	Standard	12.500	5.26	10971.086	9080.048	15.103	11.6	-6.9	NO	NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 255.567
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	5.23	3078.034	3078.034	12.0	-3.6	NO	NO	bbX
2	200527P1-6	Standard	12.500	5.23	3223.213	3223.213	12.6	0.9	NO	NO	bbX
3	200527P1-7	Standard	12.500	5.23	3447.221	3447.221	13.5	7.9	NO	NO	bbX
4	200527P1-8	Standard	12.500	5.23	3257.881	3257.881	12.7	2.0	NO	NO	bbX
5	200527P1-9	Standard	12.500	5.23	3679.751	3679.751	14.4	15.2	NO	NO	bbX
6	200527P1-10	Standard	12.500	5.24	3194.591	3194.591	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	5.24	3253.379	3253.379	12.7	1.8	NO	NO	bbX
8	200527P1-12	Standard	12.500	5.23	3408.070	3408.070	13.3	6.7	NO	NO	bbX
9	200527P1-13	Standard	12.500	5.24	3114.505	3114.505	12.2	-2.5	NO	NO	bbX
10	200527P1-14	Standard	12.500	5.24	2808.011	2808.011	11.0	-12.1	NO	NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.338538
RRF SD: 0.0217509, Relative SD: 6.42496
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	5.23	3078.034	9262.899	4.154	12.3	-1.8	NO	NO	bb
2	200527P1-6	Standard	12.500	5.23	3223.213	9247.535	4.357	12.9	3.0	NO	NO	bb
3	200527P1-7	Standard	12.500	5.23	3447.221	9737.968	4.425	13.1	4.6	NO	NO	bb
4	200527P1-8	Standard	12.500	5.23	3257.881	9996.870	4.074	12.0	-3.7	NO	NO	bb
5	200527P1-9	Standard	12.500	5.23	3679.751	9488.688	4.848	14.3	14.6	NO	NO	bb
6	200527P1-10	Standard	12.500	5.24	3194.591	9448.367	4.226	12.5	-0.1	NO	NO	bb
7	200527P1-11	Standard	12.500	5.24	3253.379	9609.210	4.232	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	5.23	3408.070	10257.596	4.153	12.3	-1.9	NO	NO	bb
9	200527P1-13	Standard	12.500	5.24	3114.505	9773.773	3.983	11.8	-5.9	NO	NO	bb
10	200527P1-14	Standard	12.500	5.24	2808.011	9080.048	3.866	11.4	-8.7	NO	NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1022.1
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	5.54	13315.999	13315.999	13.0	4.2	NO	NO	bbX
2	200527P1-6	Standard	12.500	5.54	13643.146	13643.146	13.3	6.8	NO	NO	bbX
3	200527P1-7	Standard	12.500	5.54	14522.411	14522.411	14.2	13.7	NO	NO	bbX
4	200527P1-8	Standard	12.500	5.54	14023.260	14023.260	13.7	9.8	NO	NO	bbX
5	200527P1-9	Standard	12.500	5.54	14588.124	14588.124	14.3	14.2	NO	NO	bbX
6	200527P1-10	Standard	12.500	5.54	12776.215	12776.215	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	5.55	13846.673	13846.673	13.5	8.4	NO	NO	bbX
8	200527P1-12	Standard	12.500	5.55	14238.488	14238.488	13.9	11.4	NO	NO	bbX
9	200527P1-13	Standard	12.500	5.55	14191.550	14191.550	13.9	11.1	NO	NO	bbX
10	200527P1-14	Standard	12.500	5.54	12588.821	12588.821	12.3	-1.5	NO	NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.29777
RRF SD: 0.0505393, Relative SD: 3.89431
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	5.54	13315.999	10132.379	16.428	12.7	1.3	NO	NO	bb
2	200527P1-6	Standard	12.500	5.54	13643.146	10984.595	15.525	12.0	-4.3	NO	NO	bb
3	200527P1-7	Standard	12.500	5.54	14522.411	10751.282	16.885	13.0	4.1	NO	NO	bb
4	200527P1-8	Standard	12.500	5.54	14023.260	10844.333	16.164	12.5	-0.4	NO	NO	bb
5	200527P1-9	Standard	12.500	5.54	14588.124	10835.384	16.829	13.0	3.7	NO	NO	bb
6	200527P1-10	Standard	12.500	5.54	12776.215	10788.121	14.804	11.4	-8.7	NO	NO	bb
7	200527P1-11	Standard	12.500	5.55	13846.673	10730.985	16.129	12.4	-0.6	NO	NO	bb
8	200527P1-12	Standard	12.500	5.55	14238.488	10861.458	16.386	12.6	1.0	NO	NO	bb
9	200527P1-13	Standard	12.500	5.55	14191.550	10685.248	16.602	12.8	2.3	NO	NO	bb
10	200527P1-14	Standard	12.500	5.54	12588.821	9554.478	16.470	12.7	1.5	NO	NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 56.7965
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	5.52	744.452	744.452	13.1	4.9	NO	NO	bbX
2	200527P1-6	Standard	12.500	5.52	758.387	758.387	13.4	6.8	NO	NO	bbX
3	200527P1-7	Standard	12.500	5.52	875.143	875.143	15.4	23.3	NO	NO	bbX
4	200527P1-8	Standard	12.500	5.52	724.759	724.759	12.8	2.1	NO	NO	MMX
5	200527P1-9	Standard	12.500	5.53	849.172	849.172	15.0	19.6	NO	NO	bbX
6	200527P1-10	Standard	12.500	5.53	709.956	709.956	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	5.53	725.104	725.104	12.8	2.1	NO	NO	MMX
8	200527P1-12	Standard	12.500	5.53	732.855	732.855	12.9	3.2	NO	NO	MMX
9	200527P1-13	Standard	12.500	5.53	623.630	623.630	11.0	-12.2	NO	NO	MMX
10	200527P1-14	Standard	12.500	5.52	599.603	599.603	10.6	-15.5	NO	NO	dbX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.28656
RRF SD: 0.0292556, Relative SD: 10.2092
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	5.52	744.452	2588.503	3.595	12.5	0.4	NO	NO	bb
2	200527P1-6	Standard	12.500	5.52	758.387	2647.485	3.581	12.5	-0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	5.52	875.143	2564.497	4.266	14.9	19.1	NO	NO	bb
4	200527P1-8	Standard	12.500	5.52	721.572	2487.254	3.626	12.7	1.2	NO	NO	bb
5	200527P1-9	Standard	12.500	5.53	849.172	2631.229	4.034	14.1	12.6	NO	NO	bb
6	200527P1-10	Standard	12.500	5.53	709.956	2500.875	3.549	12.4	-0.9	NO	NO	bb
7	200527P1-11	Standard	12.500	5.53	730.500	2550.487	3.580	12.5	-0.1	NO	NO	MM
8	200527P1-12	Standard	12.500	5.53	730.581	2720.403	3.357	11.7	-6.3	NO	NO	MM
9	200527P1-13	Standard	12.500	5.53	623.731	2627.076	2.968	10.4	-17.1	NO	NO	MM
10	200527P1-14	Standard	12.500	5.52	600.485	2299.129	3.265	11.4	-8.9	NO	NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 87.979
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	149.200	5.59	13657.222	13657.222	155.2	4.0	NO	NO	bbX
2	200527P1-6	Standard	149.200	5.58	13347.370	13347.370	151.7	1.7	NO	NO	bbX
3	200527P1-7	Standard	149.200	5.59	14552.900	14552.900	165.4	10.9	NO	NO	bbX
4	200527P1-8	Standard	149.200	5.59	13774.635	13774.635	156.6	4.9	NO	NO	bbX
5	200527P1-9	Standard	149.200	5.59	14017.297	14017.297	159.3	6.8	NO	NO	bbX
6	200527P1-10	Standard	149.200	5.59	13126.468	13126.468	149.2	0.0	NO	NO	bb
7	200527P1-11	Standard	149.200	5.59	13462.313	13462.313	153.0	2.6	NO	NO	bbX
8	200527P1-12	Standard	149.200	5.59	13816.302	13816.302	157.0	5.3	NO	NO	bbX
9	200527P1-13	Standard	149.200	5.59	15136.012	15136.012	172.0	15.3	NO	NO	bbX
10	200527P1-14	Standard	149.200	5.59	14021.207	14021.207	159.4	6.8	NO	NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.121459
RRF SD: 0.00584914, Relative SD: 4.81573
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	149.200	5.59	13657.222	9262.899	18.430	151.7	1.7	NO	NO	bb
2	200527P1-6	Standard	149.200	5.58	13347.370	9247.535	18.042	148.5	-0.4	NO	NO	bb
3	200527P1-7	Standard	149.200	5.59	14552.900	9737.968	18.681	153.8	3.1	NO	NO	bb
4	200527P1-8	Standard	149.200	5.59	13774.635	9996.870	17.224	141.8	-5.0	NO	NO	bb
5	200527P1-9	Standard	149.200	5.59	14017.297	9488.688	18.466	152.0	1.9	NO	NO	bb
6	200527P1-10	Standard	149.200	5.59	13126.468	9448.367	17.366	143.0	-4.2	NO	NO	bb
7	200527P1-11	Standard	149.200	5.59	13462.313	9609.210	17.512	144.2	-3.4	NO	NO	bb
8	200527P1-12	Standard	149.200	5.59	13816.302	10257.596	16.837	138.6	-7.1	NO	NO	bb
9	200527P1-13	Standard	149.200	5.59	15136.012	9773.773	19.358	159.4	6.8	NO	NO	bb
10	200527P1-14	Standard	149.200	5.59	14021.207	9080.048	19.302	158.9	6.5	NO	NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1007.99
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	6.01	12728.844	12728.844	12.6	1.0	NO	NO	bbX
2	200527P1-6	Standard	12.500	6.01	12912.603	12912.603	12.8	2.5	NO	NO	bbX
3	200527P1-7	Standard	12.500	6.01	13397.514	13397.514	13.3	6.3	NO	NO	bbX
4	200527P1-8	Standard	12.500	6.01	13301.170	13301.170	13.2	5.6	NO	NO	bbX
5	200527P1-9	Standard	12.500	6.01	13656.700	13656.700	13.5	8.4	NO	NO	bbX
6	200527P1-10	Standard	12.500	6.01	12599.821	12599.821	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	6.01	13005.069	13005.069	12.9	3.2	NO	NO	bbX
8	200527P1-12	Standard	12.500	6.02	12987.254	12987.254	12.9	3.1	NO	NO	bbX
9	200527P1-13	Standard	12.500	6.01	11720.835	11720.835	11.6	-7.0	NO	NO	bbX
10	200527P1-14	Standard	12.500	6.01	10582.865	10582.865	10.5	-16.0	NO	NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 1.32339
RRF SD: 0.0874036, Relative SD: 6.60454
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	6.01	12728.844	9262.899	17.177	13.0	3.8	NO	NO	bb
2	200527P1-6	Standard	12.500	6.01	12912.603	9247.535	17.454	13.2	5.5	NO	NO	bb
3	200527P1-7	Standard	12.500	6.01	13397.514	9737.968	17.198	13.0	4.0	NO	NO	bb
4	200527P1-8	Standard	12.500	6.01	13301.170	9996.870	16.632	12.6	0.5	NO	NO	bb
5	200527P1-9	Standard	12.500	6.01	13656.700	9488.688	17.991	13.6	8.8	NO	NO	bb
6	200527P1-10	Standard	12.500	6.01	12599.821	9448.367	16.669	12.6	0.8	NO	NO	bb
7	200527P1-11	Standard	12.500	6.01	13005.069	9609.210	16.917	12.8	2.3	NO	NO	bb
8	200527P1-12	Standard	12.500	6.02	12987.254	10257.596	15.826	12.0	-4.3	NO	NO	bb
9	200527P1-13	Standard	12.500	6.01	11720.835	9773.773	14.990	11.3	-9.4	NO	NO	bb
10	200527P1-14	Standard	12.500	6.01	10582.865	9080.048	14.569	11.0	-11.9	NO	NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 120.051
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	149.200	6.03	17928.607	17928.607	149.3	0.1	NO	NO	bbX
2	200527P1-6	Standard	149.200	6.03	17878.166	17878.166	148.9	-0.2	NO	NO	bbX
3	200527P1-7	Standard	149.200	6.03	19340.527	19340.527	161.1	8.0	NO	NO	bbX
4	200527P1-8	Standard	149.200	6.04	19051.898	19051.898	158.7	6.4	NO	NO	bbX
5	200527P1-9	Standard	149.200	6.04	18749.836	18749.836	156.2	4.7	NO	NO	bbX
6	200527P1-10	Standard	149.200	6.04	17911.578	17911.578	149.2	0.0	NO	NO	bb
7	200527P1-11	Standard	149.200	6.04	18565.709	18565.709	154.6	3.7	NO	NO	bbX
8	200527P1-12	Standard	149.200	6.04	18510.771	18510.771	154.2	3.3	NO	NO	bdX
9	200527P1-13	Standard	149.200	6.03	18737.359	18737.359	156.1	4.6	NO	NO	bbX
10	200527P1-14	Standard	149.200	6.03	16712.748	16712.748	139.2	-6.7	NO	NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.160227
RRF SD: 0.00470879, Relative SD: 2.93883
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	149.200	6.03	17928.607	9262.899	24.194	151.0	1.2	NO	NO	bb
2	200527P1-6	Standard	149.200	6.03	17878.166	9247.535	24.166	150.8	1.1	NO	NO	bb
3	200527P1-7	Standard	149.200	6.03	19340.527	9737.968	24.826	154.9	3.8	NO	NO	bb
4	200527P1-8	Standard	149.200	6.04	19051.898	9996.870	23.822	148.7	-0.3	NO	NO	bb
5	200527P1-9	Standard	149.200	6.04	18749.836	9488.688	24.700	154.2	3.3	NO	NO	bb
6	200527P1-10	Standard	149.200	6.04	17911.578	9448.367	23.697	147.9	-0.9	NO	NO	bb
7	200527P1-11	Standard	149.200	6.04	18565.709	9609.210	24.151	150.7	1.0	NO	NO	bb
8	200527P1-12	Standard	149.200	6.04	18488.543	10257.596	22.530	140.6	-5.8	NO	NO	MM
9	200527P1-13	Standard	149.200	6.03	18737.359	9773.773	23.964	149.6	0.2	NO	NO	bb
10	200527P1-14	Standard	149.200	6.03	16712.748	9080.048	23.008	143.6	-3.8	NO	NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1310.02
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	12.500	6.36	16463.025	16463.025	12.6	0.5	NO	NO	bbX
2	200527P1-6	Standard	12.500	6.36	15968.441	15968.441	12.2	-2.5	NO	NO	bbX
3	200527P1-7	Standard	12.500	6.35	17714.742	17714.742	13.5	8.2	NO	NO	bbX
4	200527P1-8	Standard	12.500	6.36	17956.689	17956.689	13.7	9.7	NO	NO	bbX
5	200527P1-9	Standard	12.500	6.36	17197.176	17197.176	13.1	5.0	NO	NO	bbX
6	200527P1-10	Standard	12.500	6.36	16375.288	16375.288	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	6.36	17267.012	17267.012	13.2	5.4	NO	NO	bbX
8	200527P1-12	Standard	12.500	6.36	17136.219	17136.219	13.1	4.6	NO	NO	bbX
9	200527P1-13	Standard	12.500	6.36	17344.104	17344.104	13.2	5.9	NO	NO	bbX
10	200527P1-14	Standard	12.500	6.36	15772.969	15772.969	12.0	-3.7	NO	NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.76441
RRF SD: 0.0466416, Relative SD: 2.64346
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	6.36	16463.025	9262.899	22.216	12.6	0.7	NO	NO	bb
2	200527P1-6	Standard	12.500	6.36	15968.441	9247.535	21.585	12.2	-2.1	NO	NO	bb
3	200527P1-7	Standard	12.500	6.35	17714.742	9737.968	22.739	12.9	3.1	NO	NO	bb
4	200527P1-8	Standard	12.500	6.36	17956.689	9996.870	22.453	12.7	1.8	NO	NO	bb
5	200527P1-9	Standard	12.500	6.36	17197.176	9488.688	22.655	12.8	2.7	NO	NO	bb
6	200527P1-10	Standard	12.500	6.36	16375.288	9448.367	21.664	12.3	-1.8	NO	NO	bb
7	200527P1-11	Standard	12.500	6.36	17267.012	9609.210	22.462	12.7	1.8	NO	NO	bb
8	200527P1-12	Standard	12.500	6.36	17136.219	10257.596	20.882	11.8	-5.3	NO	NO	bb
9	200527P1-13	Standard	12.500	6.36	17344.104	9773.773	22.182	12.6	0.6	NO	NO	bb
10	200527P1-14	Standard	12.500	6.36	15772.969	9080.048	21.714	12.3	-1.5	NO	NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 100.447
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	149.200	6.25	14690.676	14690.676	146.3	-2.0	NO	NO	bbX
2	200527P1-6	Standard	149.200	6.25	15425.861	15425.861	153.6	2.9	NO	NO	bbX
3	200527P1-7	Standard	149.200	6.25	16126.215	16126.215	160.5	7.6	NO	NO	bbX
4	200527P1-8	Standard	149.200	6.25	15427.467	15427.467	153.6	2.9	NO	NO	bbX
5	200527P1-9	Standard	149.200	6.25	15263.306	15263.306	152.0	1.8	NO	NO	bbX
6	200527P1-10	Standard	149.200	6.25	14986.675	14986.675	149.2	0.0	NO	NO	bb
7	200527P1-11	Standard	149.200	6.25	15160.550	15160.550	150.9	1.2	NO	NO	bbX
8	200527P1-12	Standard	149.200	6.25	15691.533	15691.533	156.2	4.7	NO	NO	bbX
9	200527P1-13	Standard	149.200	6.24	16512.234	16512.234	164.4	10.2	NO	NO	bbX
10	200527P1-14	Standard	149.200	6.24	15365.051	15365.051	153.0	2.5	NO	NO	bbX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.135197
RRF SD: 0.00495719, Relative SD: 3.66664
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	149.200	6.25	14690.676	9262.899	19.825	146.6	-1.7	NO	NO	bb
2	200527P1-6	Standard	149.200	6.25	15425.861	9247.535	20.851	154.2	3.4	NO	NO	bb
3	200527P1-7	Standard	149.200	6.25	16126.215	9737.968	20.700	153.1	2.6	NO	NO	bb
4	200527P1-8	Standard	149.200	6.25	15427.467	9996.870	19.290	142.7	-4.4	NO	NO	bb
5	200527P1-9	Standard	149.200	6.25	15263.306	9488.688	20.107	148.7	-0.3	NO	NO	bb
6	200527P1-10	Standard	149.200	6.25	14986.675	9448.367	19.827	146.7	-1.7	NO	NO	bb
7	200527P1-11	Standard	149.200	6.25	15160.550	9609.210	19.721	145.9	-2.2	NO	NO	bb
8	200527P1-12	Standard	149.200	6.25	15691.533	10257.596	19.122	141.4	-5.2	NO	NO	bb
9	200527P1-13	Standard	149.200	6.24	16512.234	9773.773	21.118	156.2	4.7	NO	NO	bb
10	200527P1-14	Standard	149.200	6.24	15365.051	9080.048	21.152	156.5	4.9	NO	NO	bb

Compound name: d9-N-EtFOSE-EIS
Response Factor: 108.1
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200527P1-5	Standard	149.200	6.40	15713.458	15713.458	145.4	-2.6	NO	NO	bbX
2	200527P1-6	Standard	149.200	6.40	16414.383	16414.383	151.8	1.8	NO	NO	bbX
3	200527P1-7	Standard	149.200	6.40	17004.598	17004.598	157.3	5.4	NO	NO	bbX
4	200527P1-8	Standard	149.200	6.40	16928.143	16928.143	156.6	5.0	NO	NO	bbX
5	200527P1-9	Standard	149.200	6.40	16331.492	16331.492	151.1	1.3	NO	NO	bbX
6	200527P1-10	Standard	149.200	6.40	16128.499	16128.499	149.2	0.0	NO	NO	bb
7	200527P1-11	Standard	149.200	6.40	16993.299	16993.299	157.2	5.4	NO	NO	bbX
8	200527P1-12	Standard	149.200	6.41	17298.639	17298.639	160.0	7.3	NO	NO	bbX
9	200527P1-13	Standard	149.200	6.40	18114.967	18114.967	167.6	12.3	NO	NO	bbX
10	200527P1-14	Standard	149.200	6.40	16648.738	16648.738	154.0	3.2	NO	NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.146456
RRF SD: 0.00495077, Relative SD: 3.38039
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	149.200	6.40	15713.458	9262.899	21.205	144.8	-3.0	NO	NO	bb
2	200527P1-6	Standard	149.200	6.40	16414.383	9247.535	22.188	151.5	1.5	NO	NO	bb
3	200527P1-7	Standard	149.200	6.40	17004.598	9737.968	21.828	149.0	-0.1	NO	NO	bb
4	200527P1-8	Standard	149.200	6.40	16928.143	9996.870	21.167	144.5	-3.1	NO	NO	bb
5	200527P1-9	Standard	149.200	6.40	16331.492	9488.688	21.514	146.9	-1.5	NO	NO	bb
6	200527P1-10	Standard	149.200	6.40	16128.499	9448.367	21.338	145.7	-2.4	NO	NO	bb
7	200527P1-11	Standard	149.200	6.40	16993.299	9609.210	22.105	150.9	1.2	NO	NO	bb
8	200527P1-12	Standard	149.200	6.41	17298.639	10257.596	21.080	143.9	-3.5	NO	NO	bb
9	200527P1-13	Standard	149.200	6.40	18114.967	9773.773	23.168	158.2	6.0	NO	NO	bb
10	200527P1-14	Standard	149.200	6.40	16648.738	9080.048	22.919	156.5	4.9	NO	NO	bb

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	1.22	3823.928	3823.928	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	1.22	4114.114	4114.114	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	1.22	4146.665	4146.665	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	1.22	4167.806	4167.806	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	1.22	4232.117	4232.117	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	1.23	4102.583	4102.583	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	1.23	4313.024	4313.024	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	1.23	4295.632	4295.632	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	1.23	4411.594	4411.594	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	1.22	4469.370	4469.370	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 100), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	2.96	11621.889	11621.889	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	2.96	11778.681	11778.681	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	2.96	12277.580	12277.580	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	2.96	12304.454	12304.454	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	2.96	12034.492	12034.492	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	2.96	11734.728	11734.728	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	2.96	12029.563	12029.563	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	2.96	12493.379	12493.379	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	2.96	12918.306	12918.306	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	2.96	11978.021	11978.021	12.500	12.5	0.0	NO	NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 9.06493e-017, Relative SD: 9.06493e-015
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	3.72	789.700	789.700	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	3.72	746.863	746.863	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	3.72	868.847	868.847	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	3.73	860.264	860.264	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	3.73	825.956	825.956	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	3.73	842.992	842.992	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	3.72	778.603	778.603	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	3.73	894.586	894.586	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	3.73	823.501	823.501	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	3.73	772.906	772.906	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.09	8446.635	8446.635	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	4.09	9302.103	9302.103	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	4.09	9686.776	9686.776	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	4.09	9492.554	9492.554	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	4.09	9224.704	9224.704	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	4.09	9325.986	9325.986	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.09	9608.161	9608.161	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	4.09	9843.730	9843.730	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	4.10	9497.471	9497.471	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	4.10	8079.926	8079.926	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.55	10912.936	10912.936	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	4.54	11144.348	11144.348	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	4.54	11558.699	11558.699	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	4.54	11589.279	11589.279	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	4.54	11891.401	11891.401	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	4.54	10646.553	10646.553	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.54	12019.079	12019.079	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	4.54	12222.604	12222.604	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	4.55	11848.691	11848.691	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	4.55	10659.889	10659.889	12.500	12.5	0.0	NO	NO	bb

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:43:10 Pacific Daylight Time

Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.63	2588.503	2588.503	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	4.63	2647.485	2647.485	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	4.63	2564.497	2564.497	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	4.63	2487.254	2487.254	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	4.63	2631.229	2631.229	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	4.63	2500.875	2500.875	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.63	2550.487	2550.487	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	4.63	2720.403	2720.403	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	4.64	2627.076	2627.076	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	4.64	2299.129	2299.129	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	4.93	10132.379	10132.379	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	4.93	10984.595	10984.595	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	4.93	10751.282	10751.282	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	4.93	10844.333	10844.333	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	4.93	10835.384	10835.384	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	4.93	10788.121	10788.121	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	4.93	10730.985	10730.985	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	4.93	10861.458	10861.458	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	4.93	10685.248	10685.248	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	4.93	9554.478	9554.478	12.500	12.5	0.0	NO	NO	bb

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:43:10 Pacific Daylight Time

Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 1.04673e-016, Relative SD: 1.04673e-014
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200527P1-5	Standard	12.500	5.26	9262.899	9262.899	12.500	12.5	0.0	NO	NO	bb
2	200527P1-6	Standard	12.500	5.25	9247.535	9247.535	12.500	12.5	0.0	NO	NO	bb
3	200527P1-7	Standard	12.500	5.26	9737.968	9737.968	12.500	12.5	0.0	NO	NO	bb
4	200527P1-8	Standard	12.500	5.25	9996.870	9996.870	12.500	12.5	0.0	NO	NO	bb
5	200527P1-9	Standard	12.500	5.26	9488.688	9488.688	12.500	12.5	0.0	NO	NO	bb
6	200527P1-10	Standard	12.500	5.26	9448.367	9448.367	12.500	12.5	0.0	NO	NO	bb
7	200527P1-11	Standard	12.500	5.26	9609.210	9609.210	12.500	12.5	0.0	NO	NO	bb
8	200527P1-12	Standard	12.500	5.26	10257.596	10257.596	12.500	12.5	0.0	NO	NO	bb
9	200527P1-13	Standard	12.500	5.26	9773.773	9773.773	12.500	12.5	0.0	NO	NO	bb
10	200527P1-14	Standard	12.500	5.26	9080.048	9080.048	12.500	12.5	0.0	NO	NO	bb

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Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:42:35 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

1	PFBA	47	0.9993	NO
2	PFPrS	51	0.9955	NO
3	3:3 FTCA	49	0.9995	NO
4	PFPeA	49	0.9986	NO
5	PFBS	51	0.9978	NO
6	4:2 FTS	55	0.9992	NO
7	PFHxA	57	0.9995	NO
8	PFPeS	51	0.9960	NO
9	HFPO-DA	53	0.9998	NO
10	5:3 FTCA	59	0.9999	NO
11	PFHpA	59	0.9996	NO
12	ADONA	59	0.9995	NO
13	L-PFHxS	61	0.9993	NO
15	6:2 FTS	63	0.9991	NO
16	L-PFOA	69	0.9998	NO
18	PFecHS	69	0.9996	NO
19	PFHpS	71	0.9982	NO
20	7:3 FTCA	65	0.9991	NO
21	PFNA	65	0.9975	NO
22	PFOSA	67	0.9968	NO
23	L-PFOS	71	0.9997	NO
25	9Cl-PF30NS	71	0.9972	NO
26	PFDA	73	0.9979	NO
27	8:2 FTS	75	0.9995	NO
28	PFNS	71	0.9985	NO
29	L-MeFOSAA	77	0.9974	NO

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Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:43:10 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

31	L-EtFOSAA	81	0.9995	NO	
33	PFUdA	79	0.9975	NO	
34	PFDS	71	0.9991	NO	
35	11Cl-PF30UdS	83	0.9986	NO	
36	10:2 FTS	85	0.9991	NO	
37	PFDoA	83	0.9989	NO	
38	N-MeFOSA	87	0.9971	NO	
39	PFTrDA	83	0.9979	NO	
40	PFDoS	89	1.0000	NO	
41	PFTeDA	89	0.9989	NO	
42	N-EtFOSA	91	0.9986	NO	
43	PFHxDA	93	0.9991	NO	
44	PFODA	93	0.9989	NO	
45	N-MeFOSE	95	0.9984	NO	
46	N-EtFOSE	97	0.9984	NO	
47	13C3-PFBA-EIS			NO	0.000
48	13C3-PFBA-RSD	99		NO	2.152
49	13C3-PFPeA-EIS			NO	0.000
50	13C3-PFPeA-RSD	100		NO	5.561
51	13C3-PFBS-EIS			NO	0.000
52	13C3-PFBS-RSD	101		NO	6.489
53	13C3-HFPO-DA-EIS			NO	0.000
54	13C3-HFPO-DA-RSD	100		NO	5.913
55	13C2-4:2 FTS-EIS			NO	0.000
56	13C2-4:2 FTS-RSD	101		NO	7.509
57	13C2-PFHxA-EIS			NO	0.000
58	13C2-PFHxA-RSD	100		NO	2.141
59	13C4-PFHpA-EIS			NO	0.000
60	13C4-PFHpA-RSD	100		NO	4.406
61	13C3-PFHxS-EIS			NO	0.000
62	13C3-PFHxS-RSD	101		NO	5.399
63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:43:10 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

64	13C2-6:2 FTS-RSD	104	NO	5.897
65	13C5-PFNA-EIS		NO	0.000
66	13C5-PFNA-RSD	103	NO	2.886
67	13C8-PFOSA-EIS		NO	0.000
68	13C8-PFOSA-RSD	106	NO	4.792
69	13C2-PFOA-EIS		NO	0.000
70	13C2-PFOA-RSD	102	NO	2.282
71	13C8-PFOS-EIS		NO	0.000
72	13C8-PFOS-RSD	104	NO	3.052
73	13C2-PFDA-EIS		NO	0.000
74	13C2-PFDA-RSD	105	NO	3.391
75	13C2-8:2 FTS-EIS		NO	0.000
76	13C2-8:2 FTS-RSD	104	NO	6.220
77	d3-N-MeFOSAA-EIS		NO	0.000
78	d3-N-MeFOSAA-RSD	106	NO	3.310
79	13C2-PFUdA-EIS		NO	0.000
80	13C2-PFUdA-RSD	106	NO	3.944
81	d5-N-EtFOSAA-EIS		NO	0.000
82	d5-N-EtFOSAA-RSD	106	NO	6.425
83	13C2-PFDoA-EIS		NO	0.000
84	13C2-PFDoA-RSD	105	NO	3.894
85	13C2-10:2 FTS-EIS		NO	0.000
86	13C2-10:2 FTS-RSD	104	NO	10.209
87	d3-N-MeFOSA-EIS		NO	0.000
88	d3-N-MeFOSA-RSD	106	NO	4.816
89	13C2-PFTeDA-EIS		NO	0.000
90	13C2-PFTeDA-RSD	106	NO	6.605
91	d5-N-ETFOSA-EIS		NO	0.000
92	d5-N-ETFOSA-RSD	106	NO	2.939
93	13C2-PFHxDA-EIS		NO	0.000
94	13C2-PFHxDA-RSD	106	NO	2.643
95	d7-N-MeFOSE-EIS		NO	0.000
96	d7-N-MeFOSE-RSD	106	NO	3.667
97	d9-N-EtFOSE-EIS		NO	0.000
98	d9-N-EtFOSE-RSD	106	NO	3.380
99	13C4-PFBA	99	NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:43:10 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

1...	13C5-PFHxA	100	NO	0.000
1...	18O2-PFHxS	101	NO	0.000
1...	13C8-PFOA	102	NO	0.000
1...	13C9-PFNA	103	NO	0.000
1...	13C4-PFOS	104	NO	0.000
1...	13C6-PFDA	105	NO	0.000
1...	13C7-PFUdA	106	NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:47:49 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:47:59 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:47:46
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

1	PFBA	1.22	1.22			
2	PFPrS	1.57	1.55	2.760	2.760	NO
3	3:3 FTCA	2.02	2.02	3.542	3.542	NO
4	PFPeA	2.15	2.15			
5	PFBS	2.43	2.43	2.518	2.518	NO
6	4:2 FTS	2.88	2.88	0.644	0.644	NO
7	PFHxA	2.96	2.96	16.143	16.143	NO
8	PFPeS	3.16	3.17	2.295	2.295	NO
9	HFPO-DA	3.19	3.18	2.349	2.349	NO
10	5:3 FTCA	3.53	3.52	1.659	1.659	NO
11	PFHpA	3.58	3.58	45.374	45.374	NO
12	ADONA	3.67	3.69	3.954	3.954	NO
13	L-PFHxS	3.73	3.73	4.515	4.515	NO
15	6:2 FTS	4.04	4.04	0.798	0.798	NO
16	L-PFOA	4.10	4.10	3.176	3.176	NO
18	PFecHS	4.11	4.11	0.572	0.572	NO
19	PFHpS	4.25	4.21	1.680	1.680	NO
20	7:3 FTCA	4.53	4.53	1.409	1.409	NO
21	PFNA	4.54	4.55	13.710	13.710	NO
22	PFOSA	4.59	4.59	19.809	19.809	NO
23	L-PFOS	4.63	4.63	2.273	2.273	NO
25	9Cl-PF30NS	4.84	4.85	34.275	34.275	NO
26	PFDA	4.93	4.92	4.876	4.876	NO
27	8:2 FTS	4.90	4.90	0.562	0.562	NO
28	PFNS	4.97	4.99	2.319	2.319	NO
29	L-MeFOSAA	5.08	5.08	1.674	1.674	NO

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:47:49 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:48:21 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:47:46
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

31	L-EtFOSAA	5.24	5.24	1.285	1.285	NO
33	PFUdA	5.25	5.25	16.656	16.656	NO
34	PFDS	5.25	5.30	2.081	2.081	NO
35	11Cl-PF30UdS	5.48	5.47	15.303	15.303	NO
36	10:2 FTS	5.53	5.53	1.059	1.059	NO
37	PFDoA	5.54	5.54	11.720	11.720	NO
38	N-MeFOSA	5.58	5.56	1.901	1.901	NO
39	PFTrDA	5.79	5.80	120.230	120.230	NO
40	PFDoS	5.82	5.82	2.007	2.007	NO
41	PFTeDA	6.01	6.01	14.384	14.384	NO
42	N-EtFOSA	6.02	6.01	1.989	1.989	NO
43	PFHxDA	6.36	6.36	31.478	31.478	NO
44	PFODA	6.57	6.62			
45	N-MeFOSE	6.25	6.26			
46	N-EtFOSE	6.40	6.41			

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Dataset: Untitled

Last Altered: Thursday, May 28, 2020 09:48:46 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:48:54 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: PFBA

1	200527P1-1	IPA	27-May-20	12:10:12
2	200527P1-2	IPA	27-May-20	12:20:45
3	200527P1-3	TEST	27-May-20	12:31:14
4	200527P1-4	IPA	27-May-20	12:41:44
5	200527P1-5	ST200527P1-1 PFC CS-2 20E0505	27-May-20	12:52:16
6	200527P1-6	ST200527P1-2 PFC CS-1 20E0506	27-May-20	13:02:45
7	200527P1-7	ST200527P1-3 PFC CS0 20E0507	27-May-20	13:13:17
8	200527P1-8	ST200527P1-4 PFC CS1 20E0508	27-May-20	13:23:45
9	200527P1-9	ST200527P1-5 PFC CS2 20E0509	27-May-20	13:34:16
10	200527P1-10	ST200527P1-6 PFC CS3 20E0510	27-May-20	13:44:48
11	200527P1-11	ST200527P1-7 PFC CS4 20E0511	27-May-20	13:55:18
12	200527P1-12	ST200527P1-8 PFC CS5 20E0512.	27-May-20	14:05:49
13	200527P1-13	ST200527P1-9 PFC CS6 20E0513	27-May-20	14:16:17
14	200527P1-14	ST200527P1-10 PFC CS7 20E0514	27-May-20	14:26:48
15	200527P1-15	IB	27-May-20	14:37:19
16	200527P1-16	ICV200527P1-1 PFC ICV 20E0515	27-May-20	14:47:49
17	200527P1-17	IB	27-May-20	14:58:18

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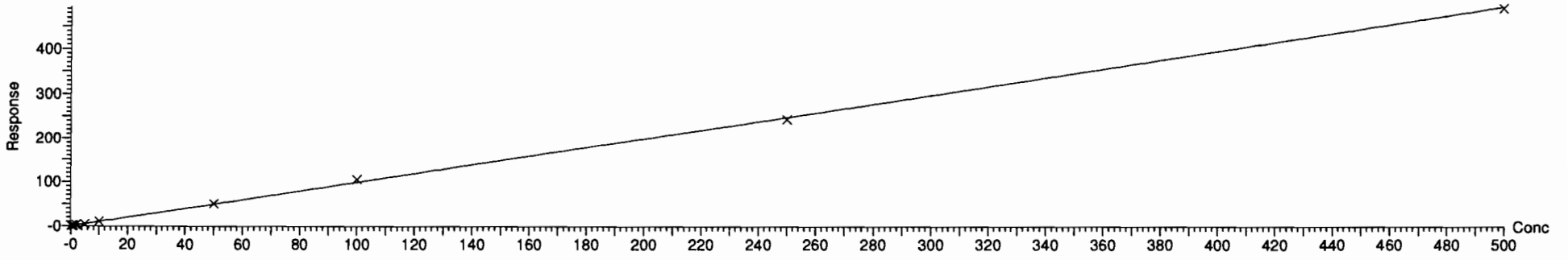
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

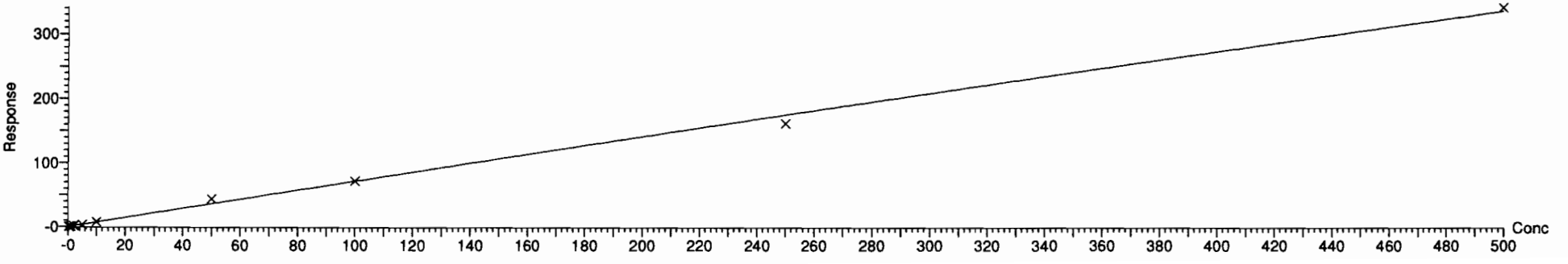
Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:46:27 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: PFBA
Correlation coefficient: r = 0.999633, r^2 = 0.999266
Calibration curve: 0.989976 * x + 0.0873968
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



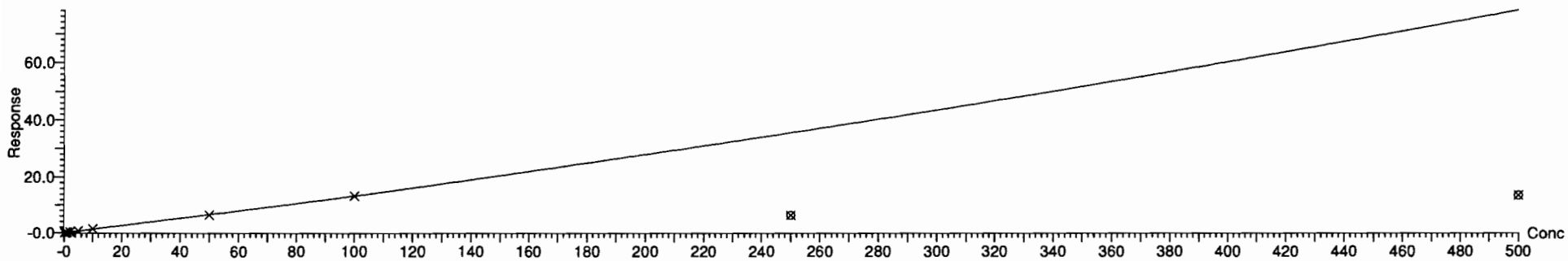
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.995549
Calibration curve: -0.000119437 * x^2 + 0.732226 * x + 0.00613963
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



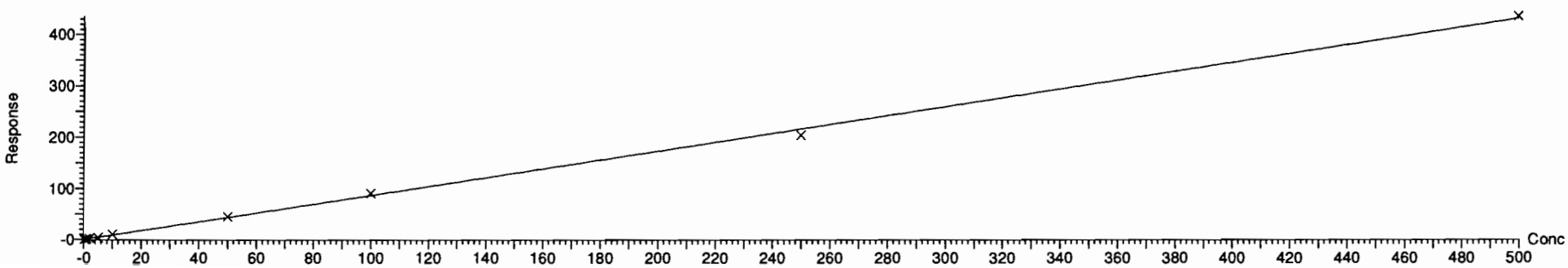
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:46:27 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999514
Calibration curve: 5.68083e-005 * x^2 + 0.127987 * x + -0.0014807
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFPeA
Coefficient of Determination: R^2 = 0.998589
Calibration curve: -9.18203e-006 * x^2 + 0.866574 * x + 0.0244847
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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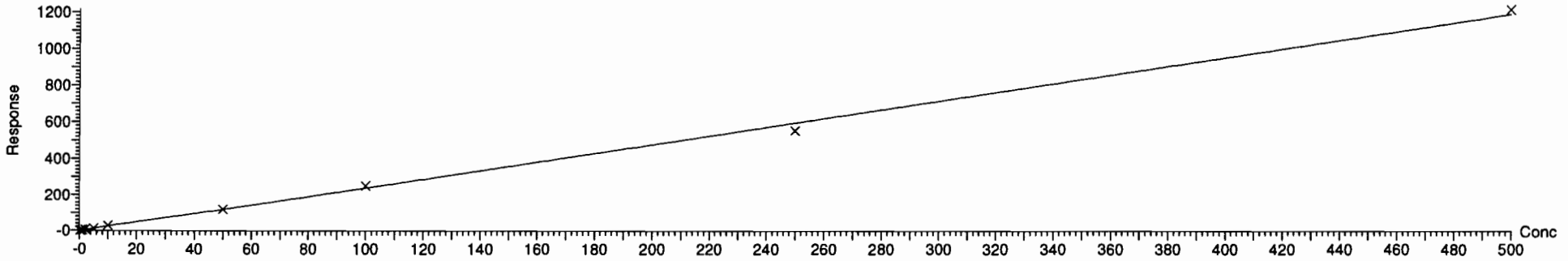
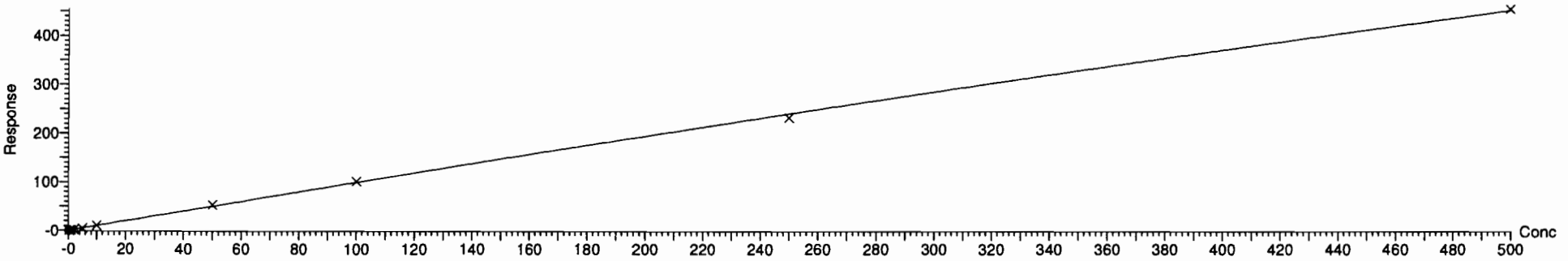
Compound name: PFBS
Correlation coefficient: r = 0.998900, r^2 = 0.997800
Calibration curve: 2.38316 * x + 0.0333028
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999206
Calibration curve: -0.00023005 * x^2 + 1.0196 * x + 0.0290323
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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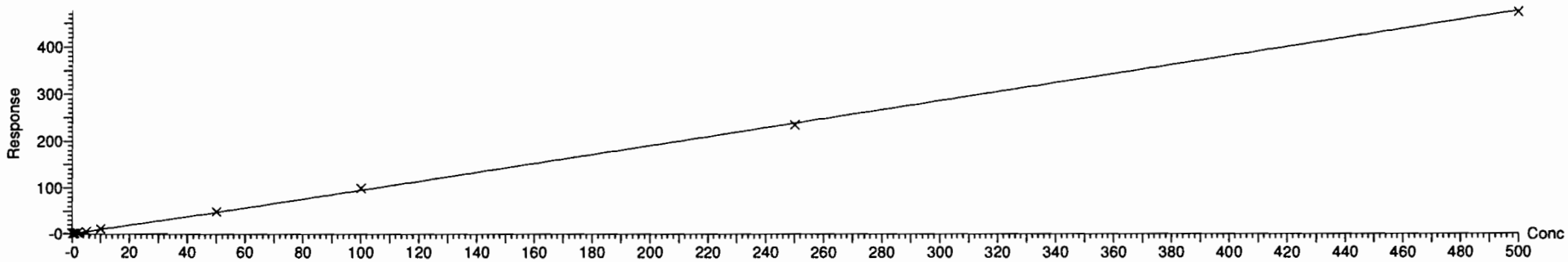
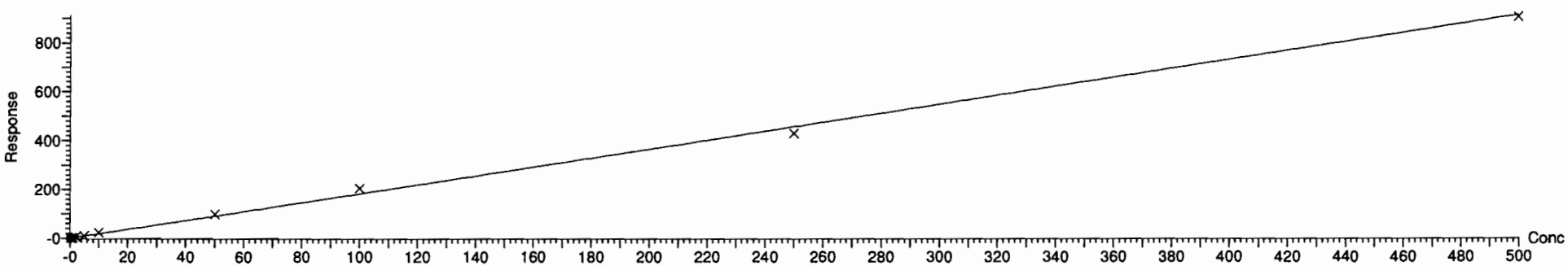
Compound name: PFHxA
Correlation coefficient: r = 0.999728, r^2 = 0.999456
Calibration curve: 0.954745 * x + 0.0745177
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFPeS
Correlation coefficient: r = 0.998016, r^2 = 0.996035
Calibration curve: 1.82699 * x + 0.37048
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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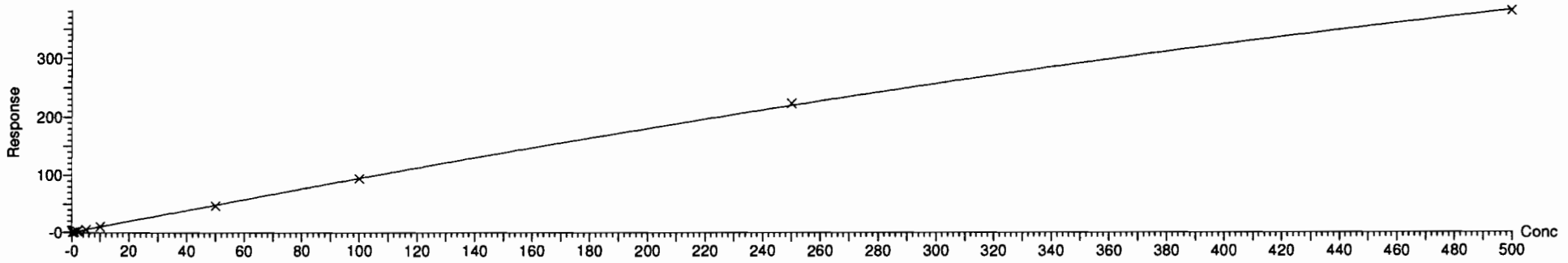
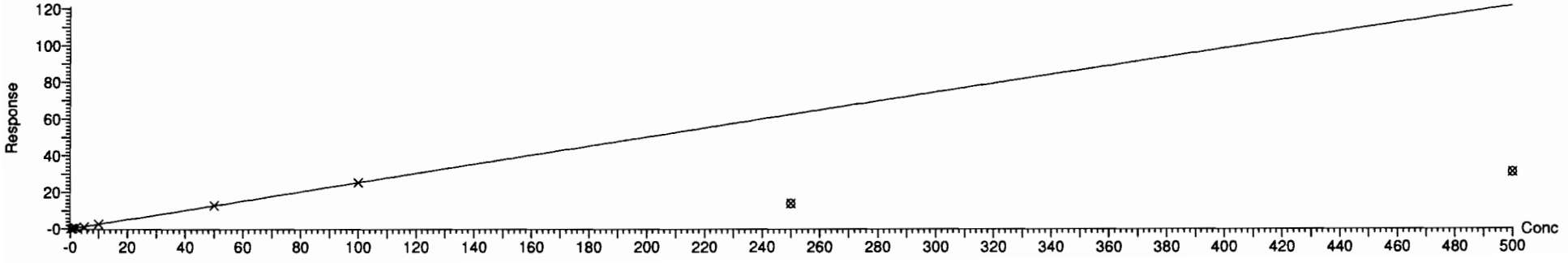
Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999760
Calibration curve: -0.00045369 * x^2 + 0.991759 * x + -0.0162267
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999867
Calibration curve: -2.69565e-005 * x^2 + 0.256653 * x + -0.0119864
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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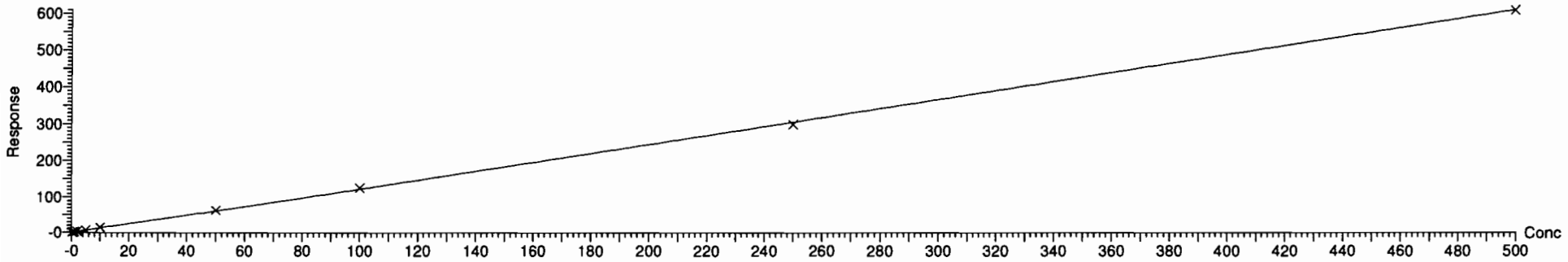
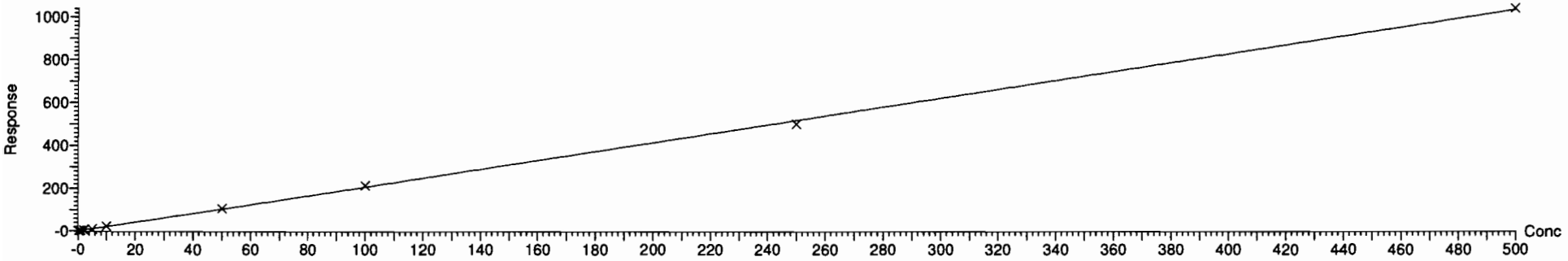
Compound name: PFHpA
Correlation coefficient: r = 0.999778, r^2 = 0.999556
Calibration curve: 1.22124 * x + 0.0442893
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: ADONA
Coefficient of Determination: R^2 = 0.999460
Calibration curve: -4.84169e-006 * x^2 + 2.07242 * x + 0.0535753
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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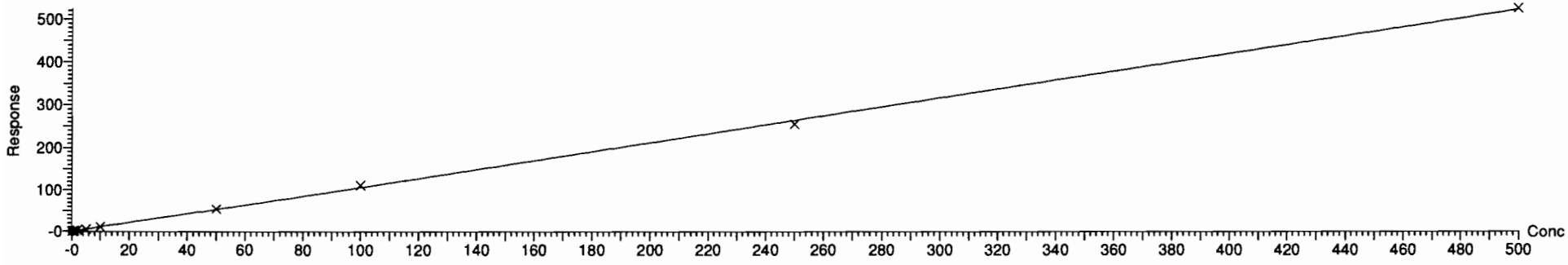
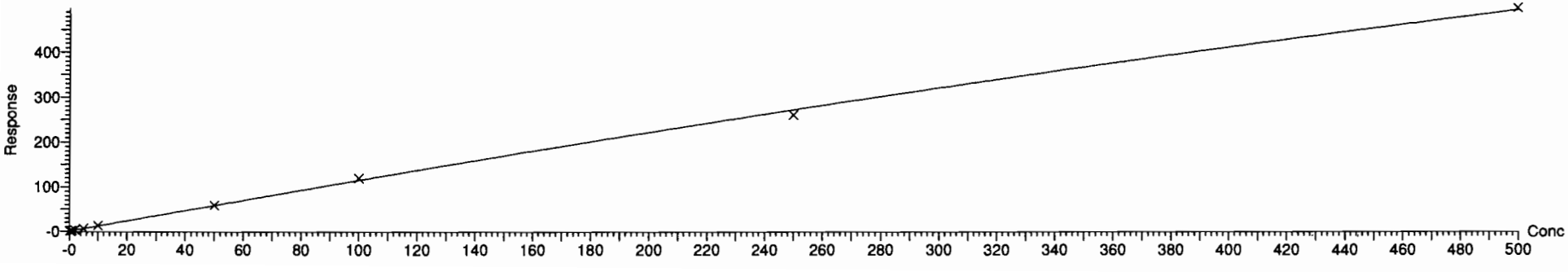
Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999290
Calibration curve: -4.13227e-005 * x^2 + 1.06525 * x + 0.00491459
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999093
Calibration curve: -0.0003988 * x^2 + 1.1883 * x + 0.0115784
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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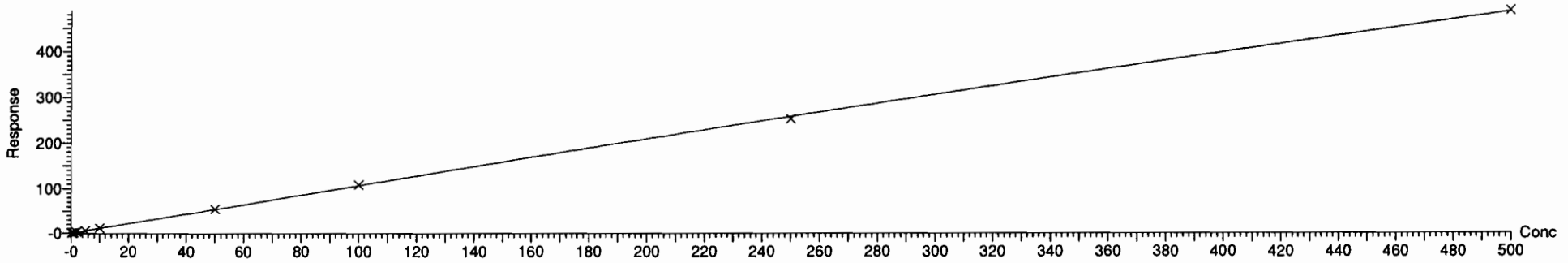
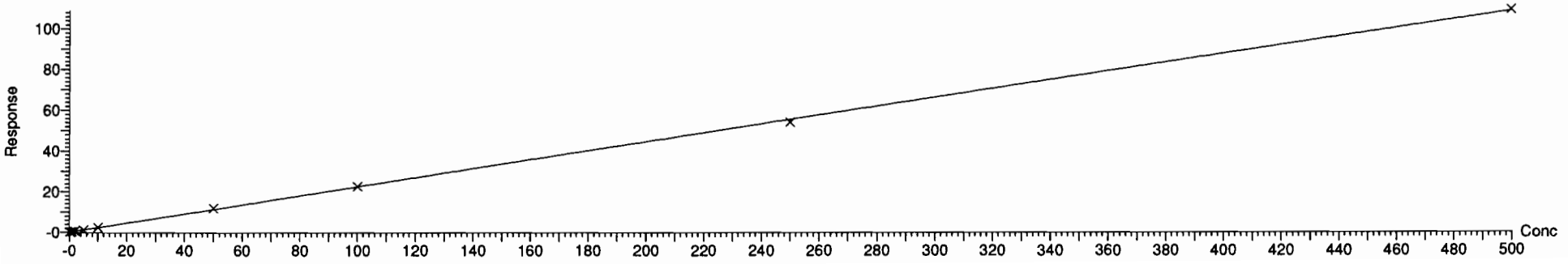
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999763
Calibration curve: -0.000235073 * x^2 + 1.09107 * x + 0.0651726
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999595
Calibration curve: -1.87137e-005 * x^2 + 0.226573 * x + 0.00668507
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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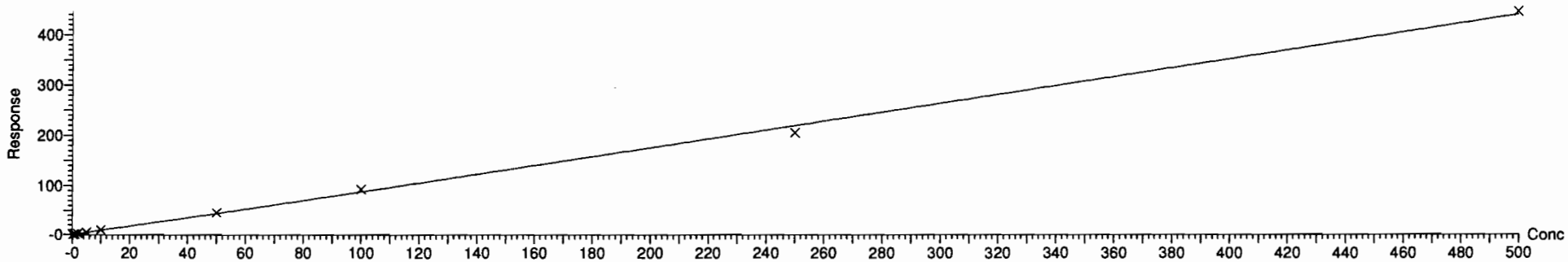
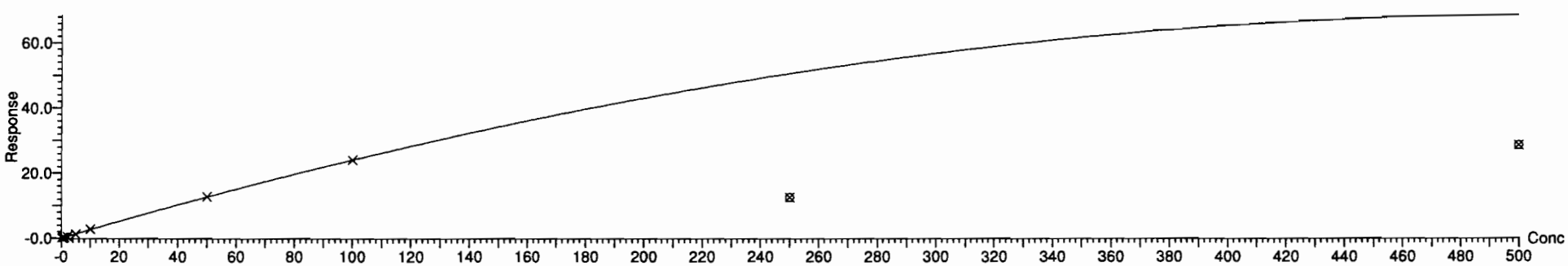
Compound name: PFHpS
Coefficient of Determination: R^2 = 0.998174
Calibration curve: 1.19953e-005 * x^2 + 0.875686 * x + 0.0747623
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999095
Calibration curve: -0.000260159 * x^2 + 0.267395 * x + -0.0208314
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
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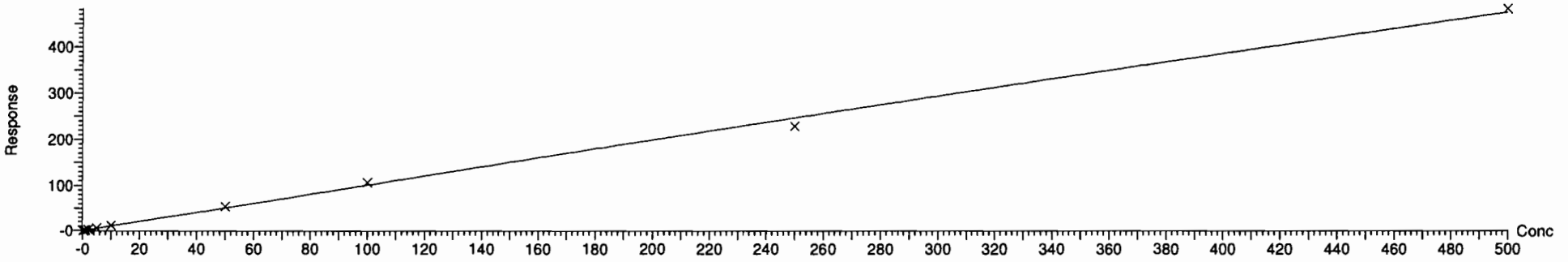
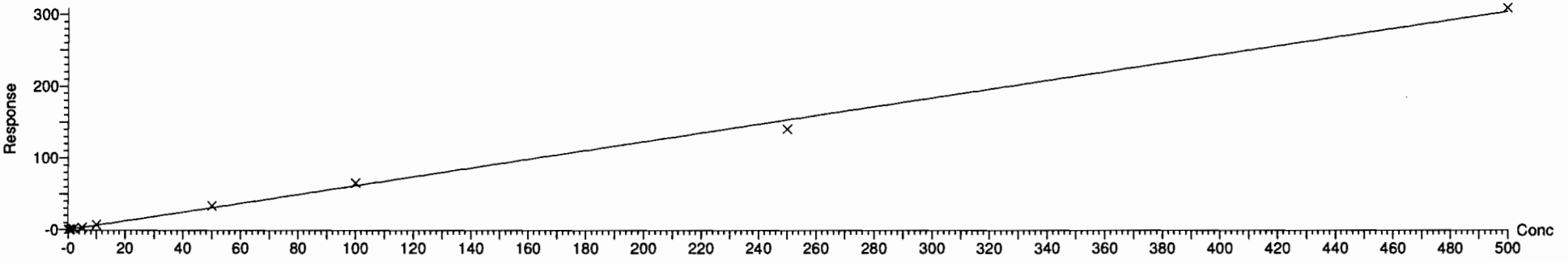
Compound name: PFNA
Coefficient of Determination: R^2 = 0.997456
Calibration curve: -0.000150125 * x^2 + 1.02674 * x + 0.0448793
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: R^2 = 0.996844
Calibration curve: -2.36401e-005 * x^2 + 0.619714 * x + 0.0546802
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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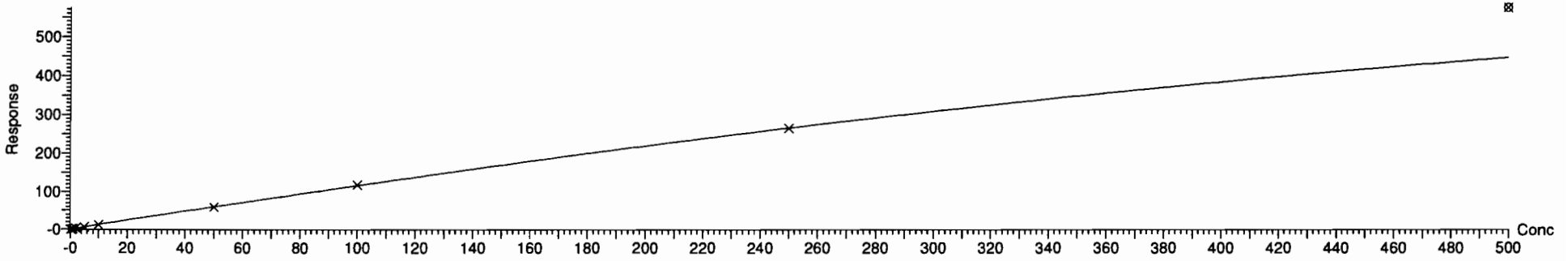
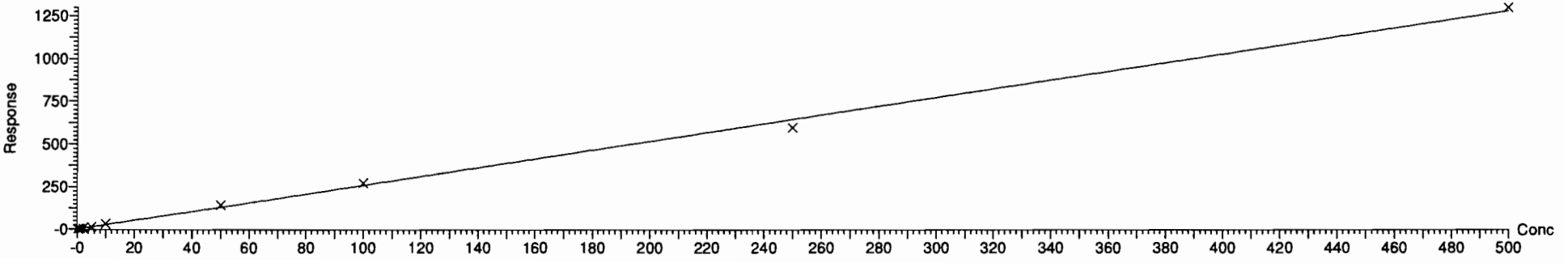
Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999726
Calibration curve: -0.000672845 * x^2 + 1.22927 * x + -0.0198846
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.997196
Calibration curve: -8.68361e-005 * x^2 + 2.60223 * x + 0.23522
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
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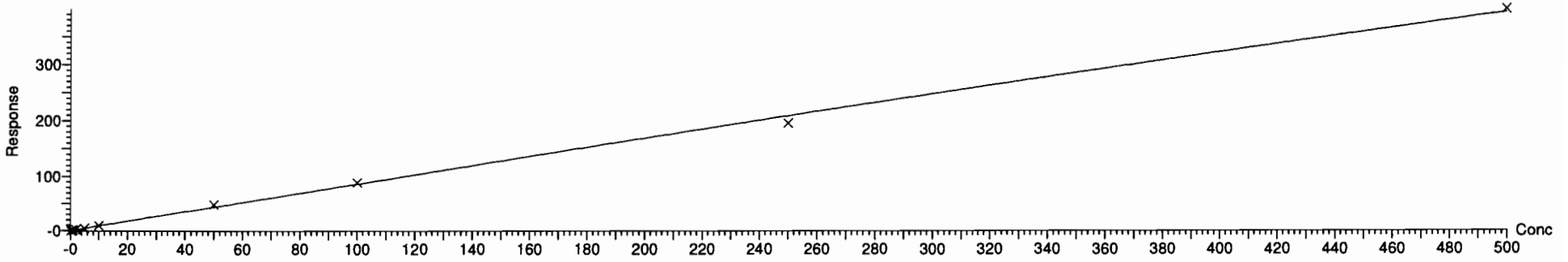
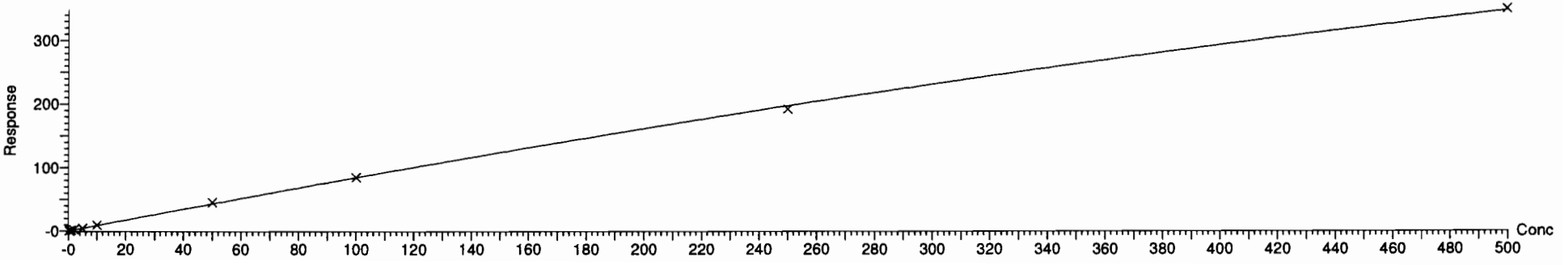
Compound name: PFDA
Coefficient of Determination: R^2 = 0.997912
Calibration curve: -0.000183403 * x^2 + 0.879276 * x + 0.0197312
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999489
Calibration curve: -0.000378787 * x^2 + 0.882707 * x + -0.0151413
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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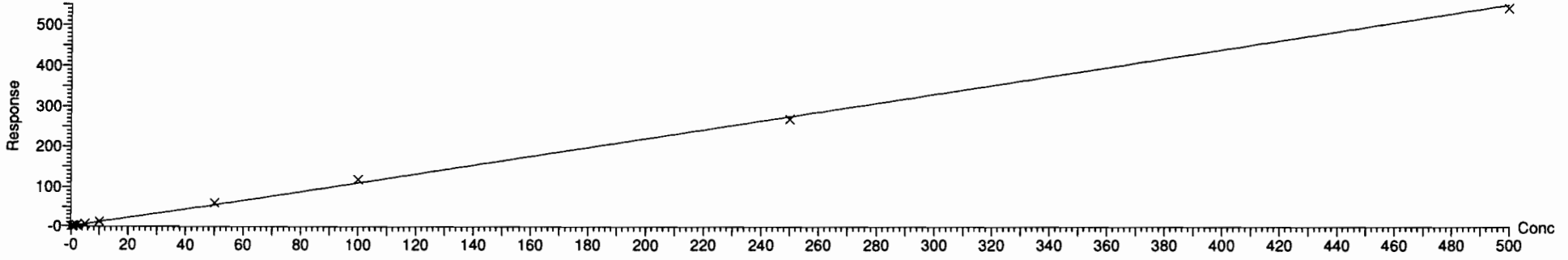
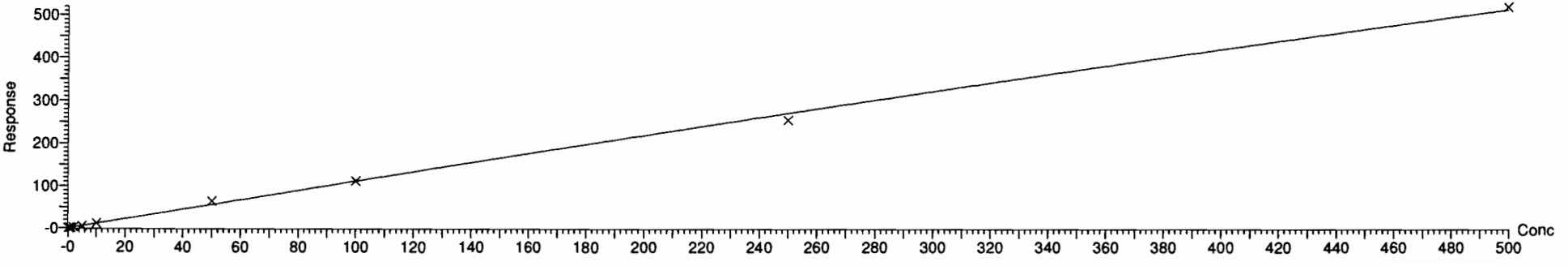
Compound name: PFNS
Correlation coefficient: r = 0.999274, r^2 = 0.998549
Calibration curve: 1.10152 * x + 0.0727373
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.997366
Calibration curve: -0.000228221 * x^2 + 1.14231 * x + 0.034727
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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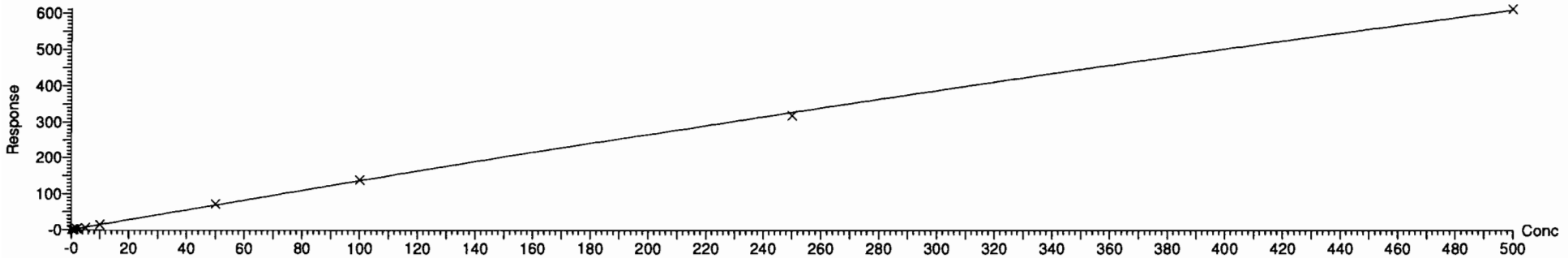
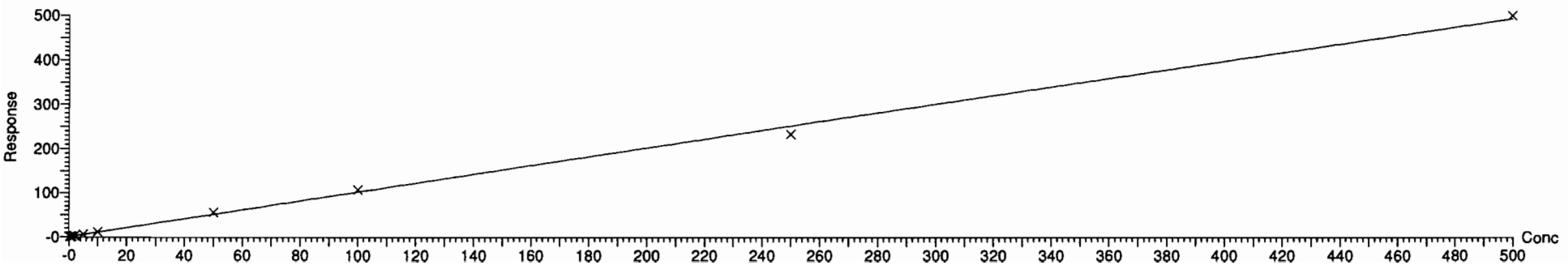
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720.mdb 28 May 2020 09:40:00
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999492
Calibration curve: -0.000380491 * x^2 + 1.40853 * x + -0.0033171
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.997538
Calibration curve: -9.18404e-005 * x^2 + 1.03073 * x + 0.127031
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
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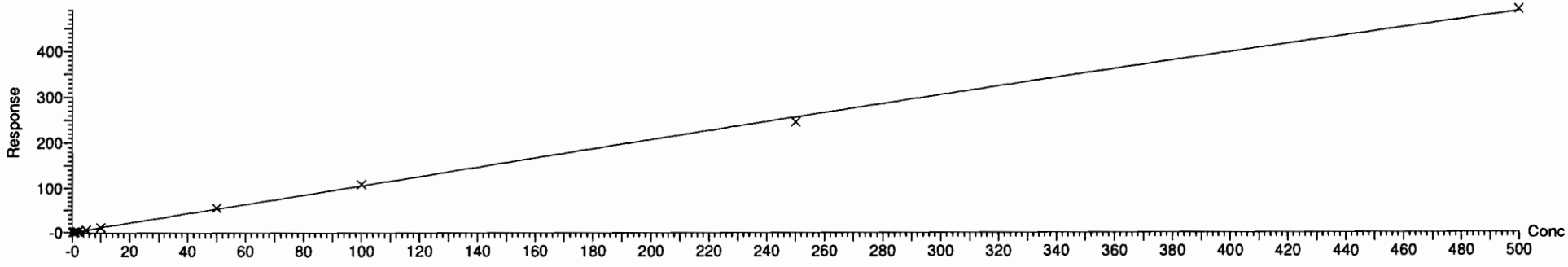
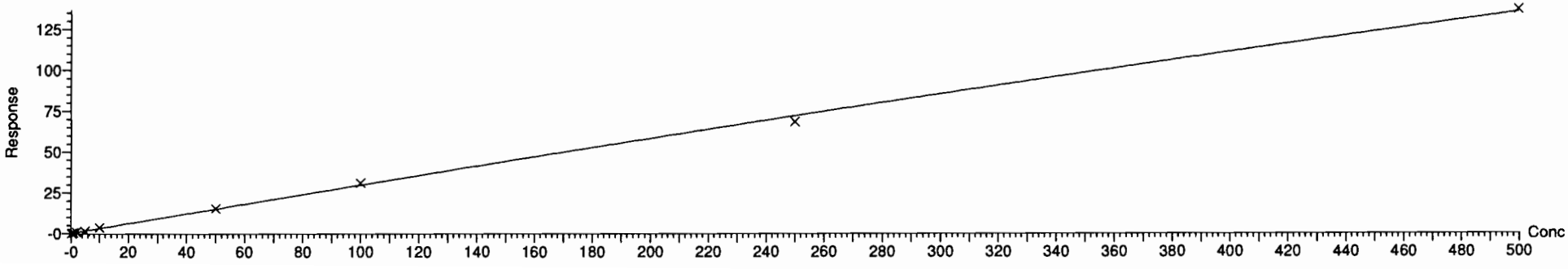
Compound name: PFDS
Coefficient of Determination: R^2 = 0.999119
Calibration curve: -0.000205501 * x^2 + 1.07542 * x + 0.0186468
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.998606
Calibration curve: -6.79334e-005 * x^2 + 0.304772 * x + 0.00570816
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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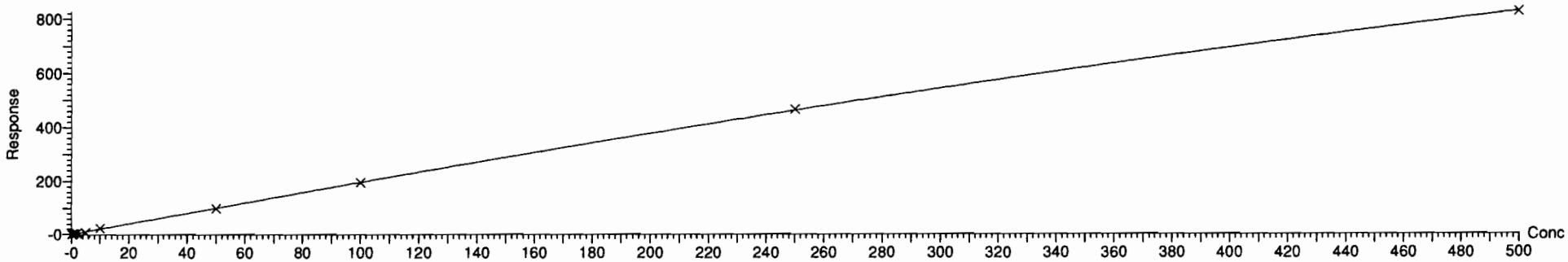
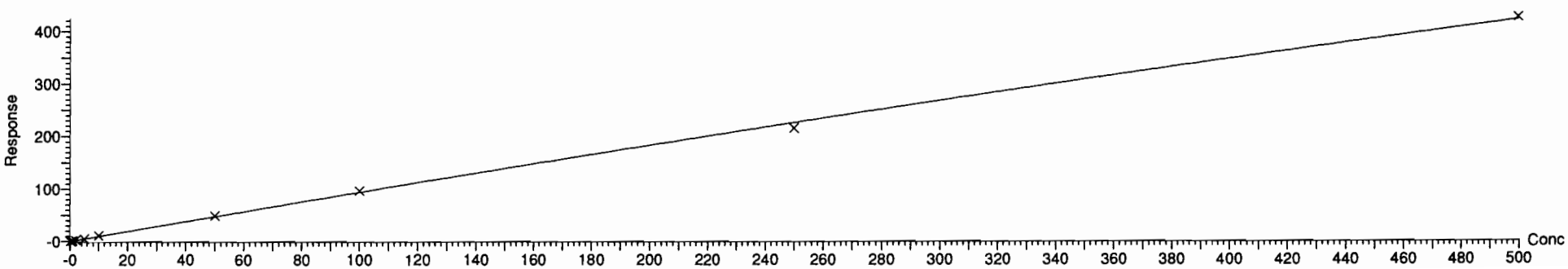
Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.999097
Calibration curve: -0.000777216 * x^2 + 2.04612 * x + -0.134785
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFDoA
Coefficient of Determination: R^2 = 0.998924
Calibration curve: -0.00024414 * x^2 + 0.965119 * x + 0.0227152
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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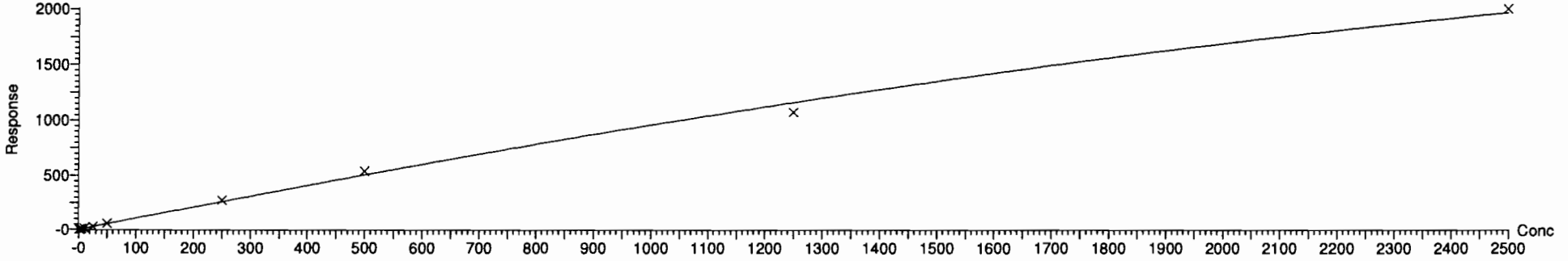
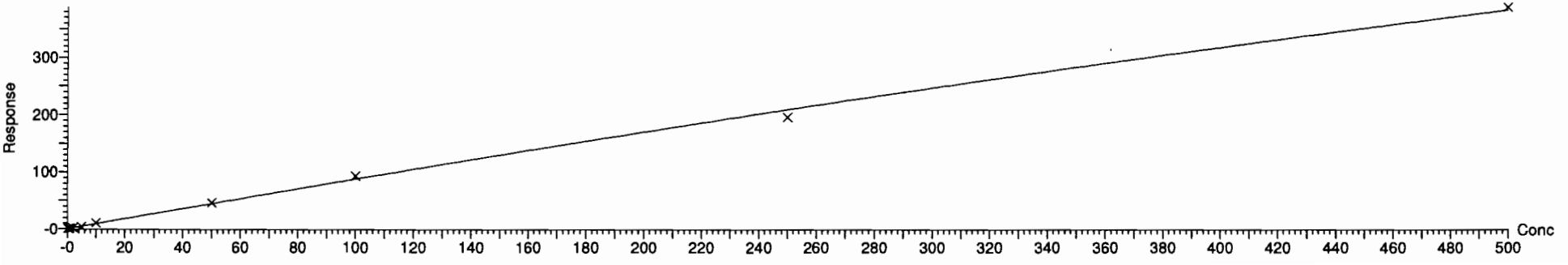
Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.997113
Calibration curve: -0.000113792 * x^2 + 1.07338 * x + 0.0930115
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



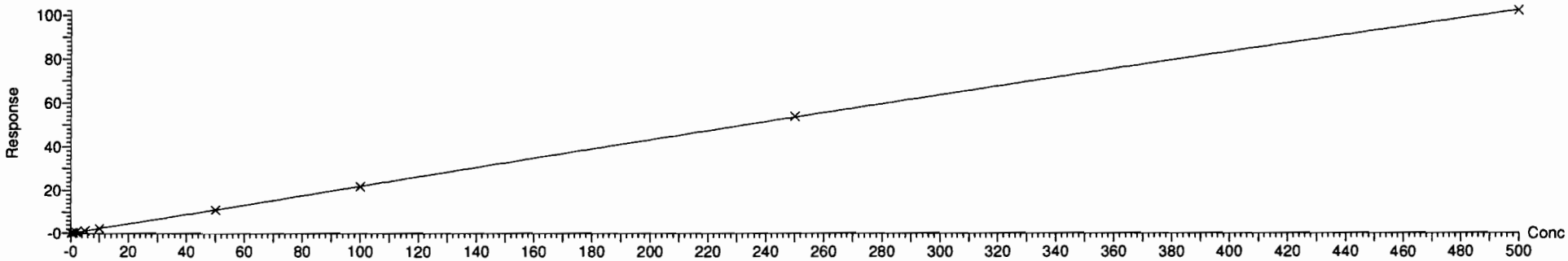
Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.997907
Calibration curve: -0.000282925 * x^2 + 0.908401 * x + 0.0642961
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



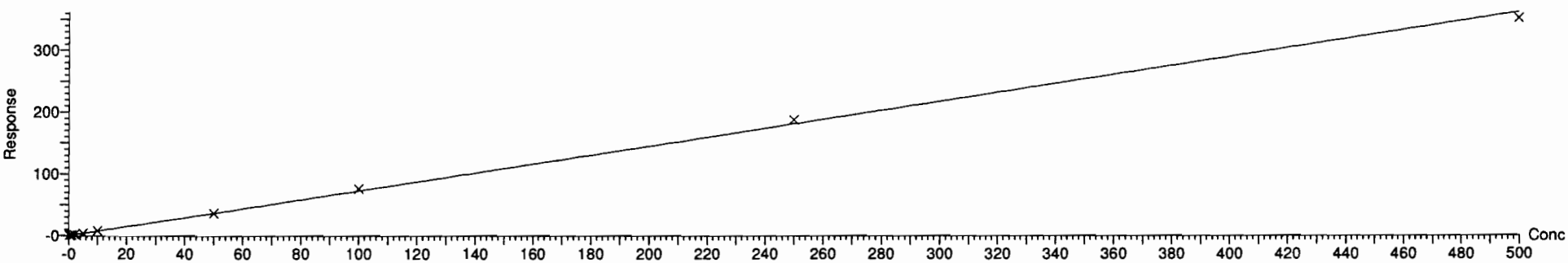
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:47:03 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999979
Calibration curve: -3.89644e-005 * x^2 + 0.223922 * x + -0.00219973
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



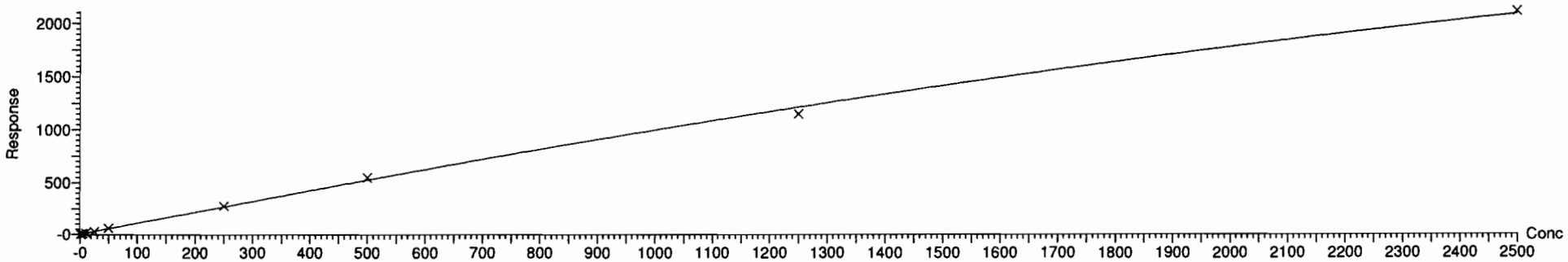
Compound name: PFTeDA
Correlation coefficient: r = 0.999426, r^2 = 0.998852
Calibration curve: 0.723041 * x + 0.06681
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



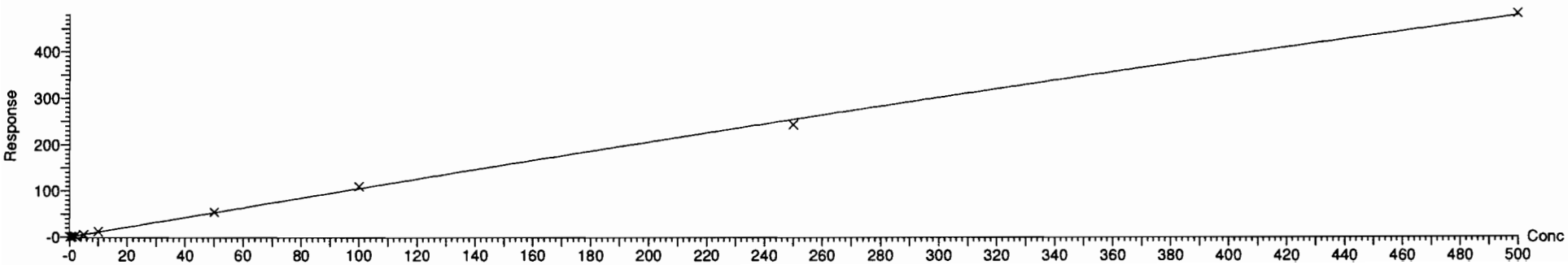
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:47:03 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.998598
Calibration curve: -0.000108029 * x^2 + 1.10546 * x + 0.300623
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999074
Calibration curve: -0.000242954 * x^2 + 1.07677 * x + 0.207448
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

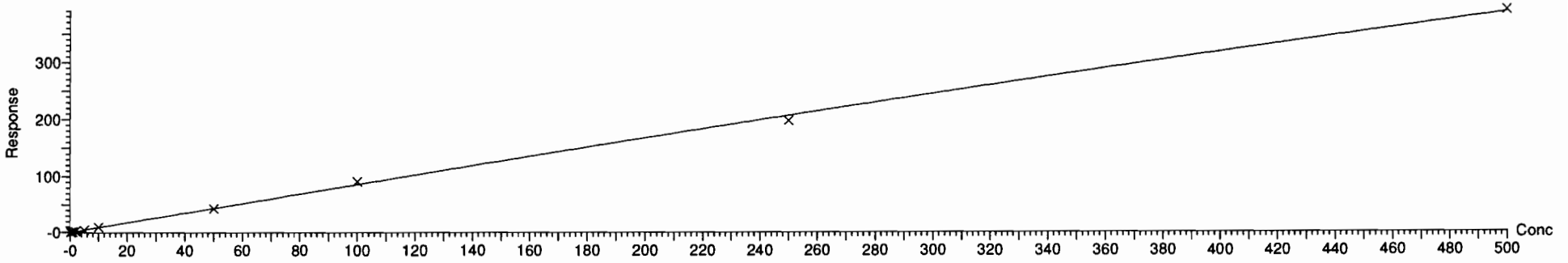


Vista Analytical Laboratory Q1

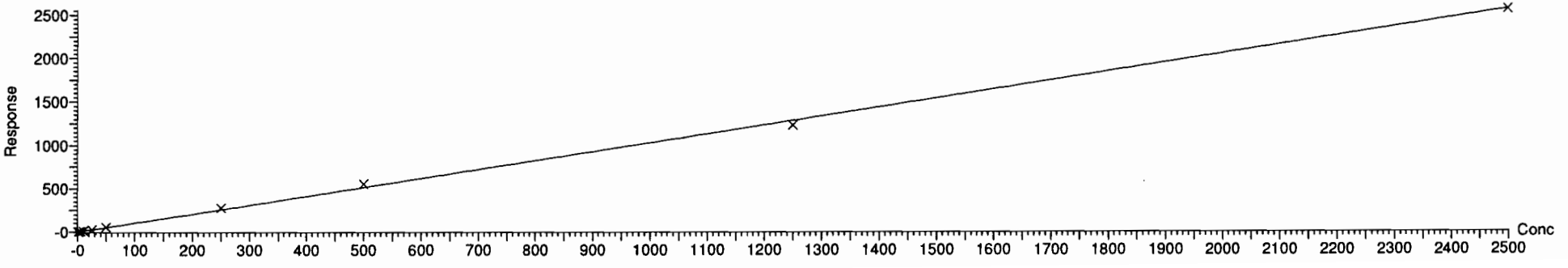
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:47:03 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.998857
Calibration curve: -0.000207963 * x^2 + 0.878396 * x + 0.00252473
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



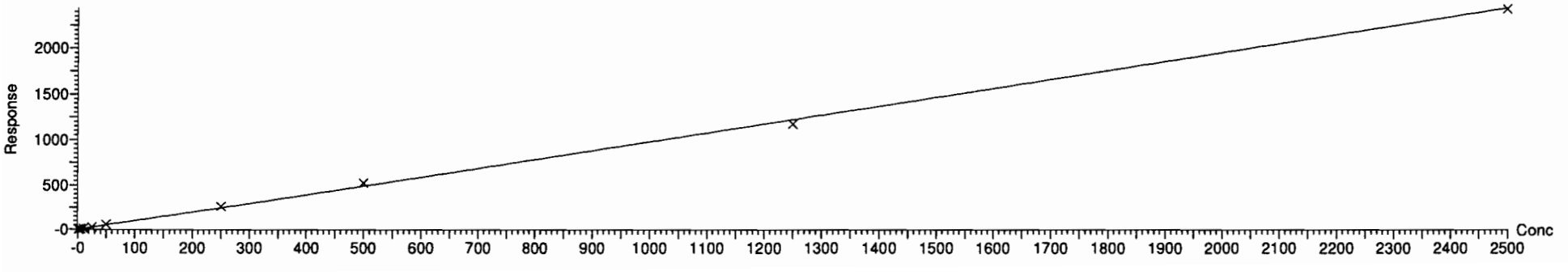
Compound name: N-MeFOSE
Correlation coefficient: r = 0.999189, r^2 = 0.998378
Calibration curve: 1.02478 * x + 0.331401
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:47:03 Pacific Daylight Time

Compound name: N-EtFOSE
Correlation coefficient: r = 0.999222, r^2 = 0.998444
Calibration curve: 0.977142 * x + 0.504708
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 09:40:02 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:40:19 Pacific Daylight Time

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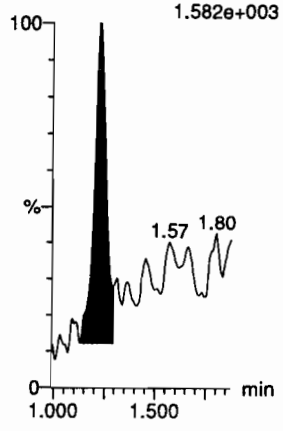
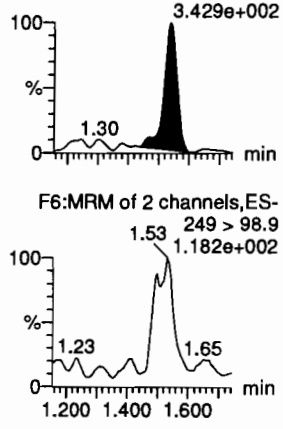
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

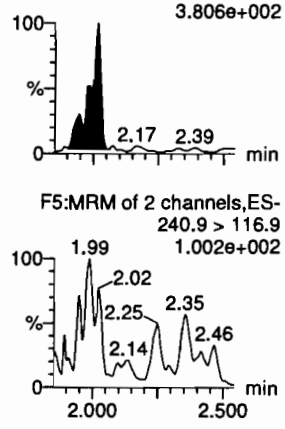
PFBA



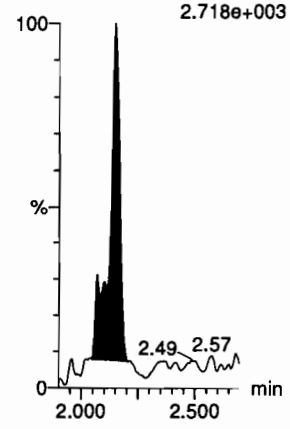
PFPrS



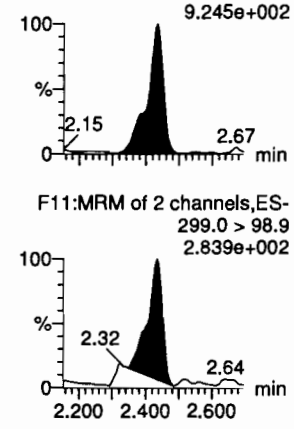
3:3 FTCA



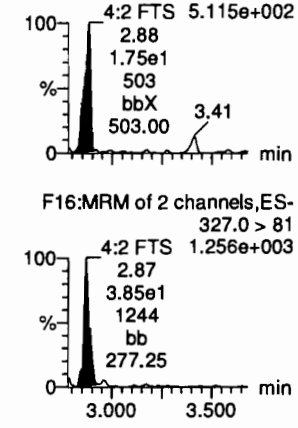
PFPeA



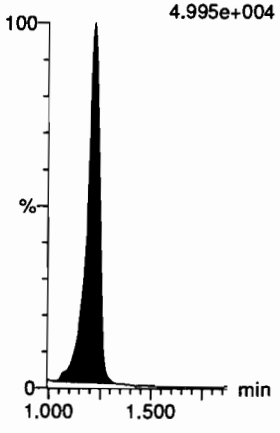
PFBS



4:2 FTS



13C3-PFBA-EIS



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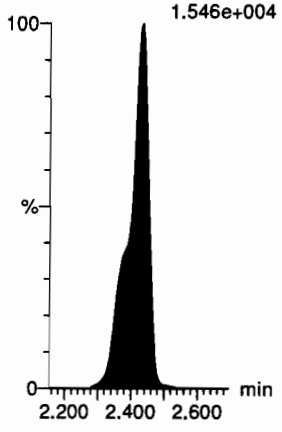
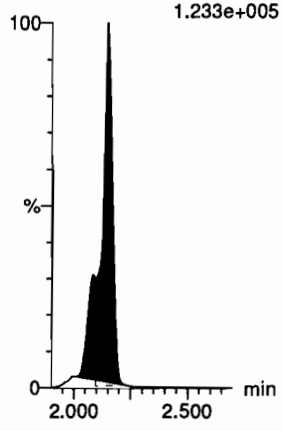
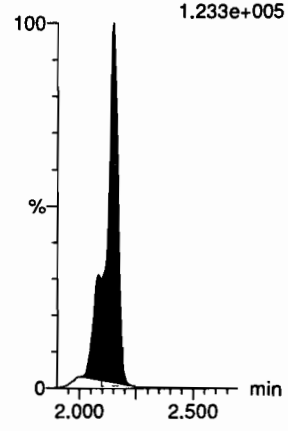


13C3-PFPeA-EIS



13C3-PFPeA-EIS



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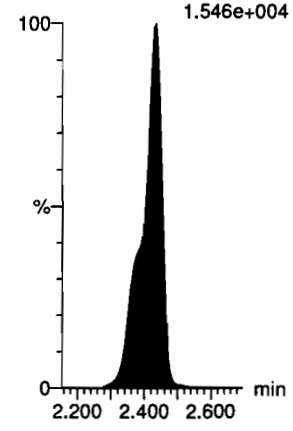
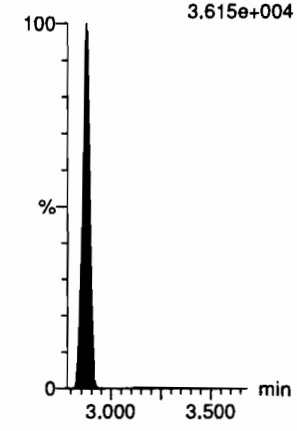


13C2-4:2 FTS-EIS

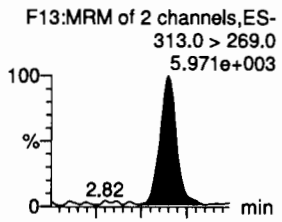


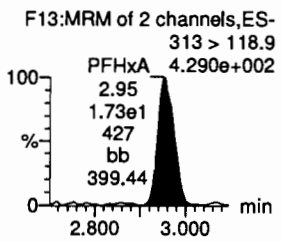
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

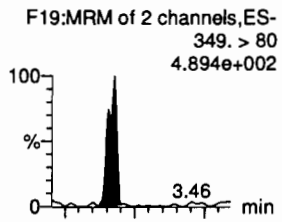
Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

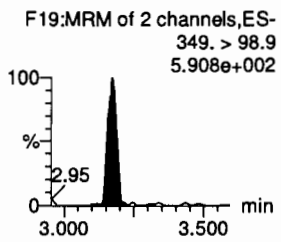
PFHxA



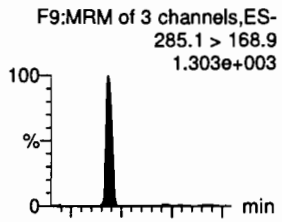


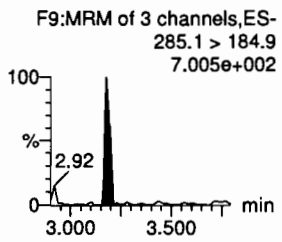
PFPeS



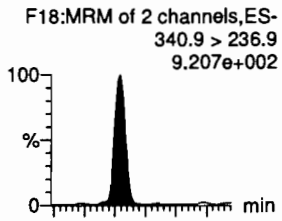


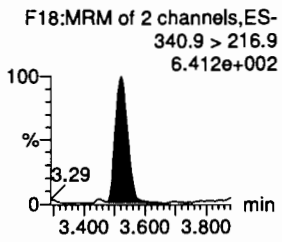
HFPO-DA



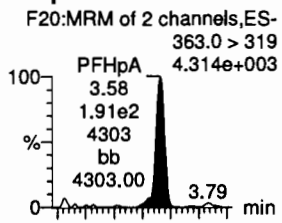


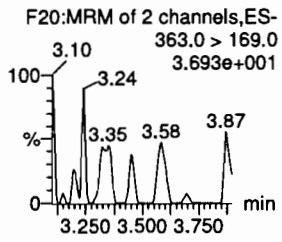
5:3 FTCA



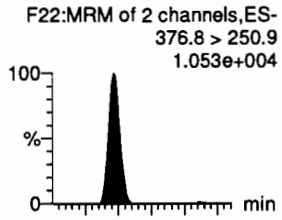


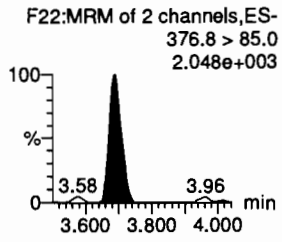
PFHpA



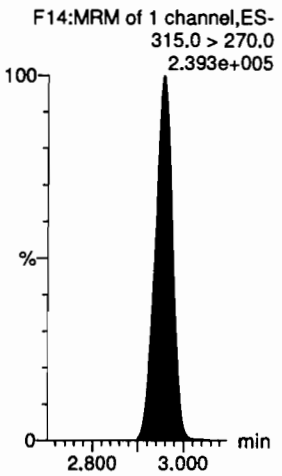


ADONA

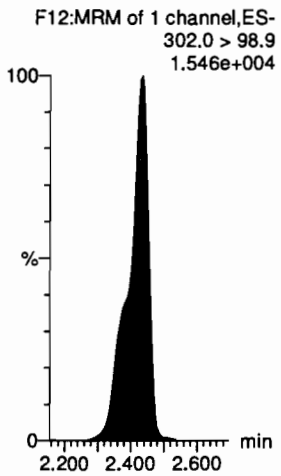




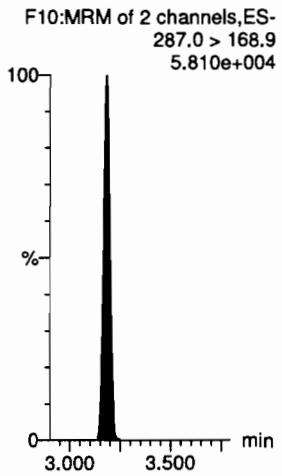
13C2-PFHxA-EIS



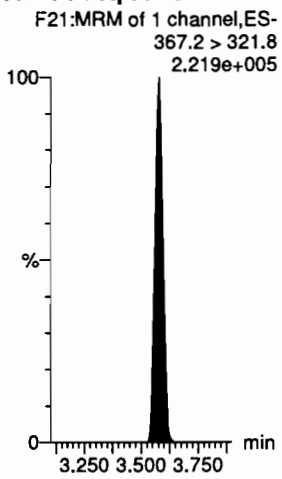
13C3-PFBS-EIS



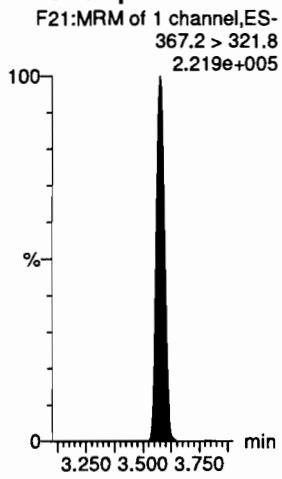
13C3-HFPO-DA-EIS



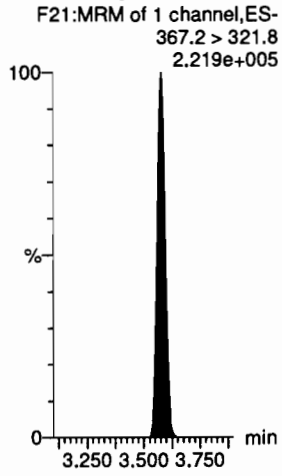
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

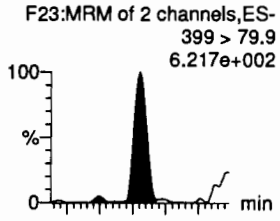


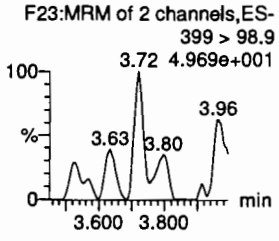
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

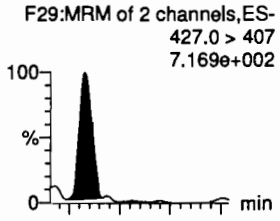
Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

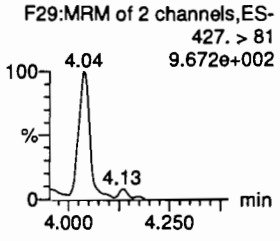
L-PFHxS



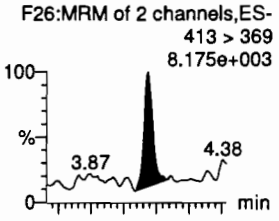


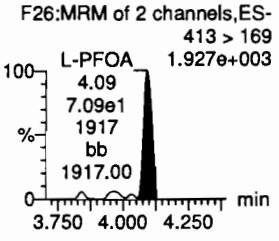
6:2 FTS



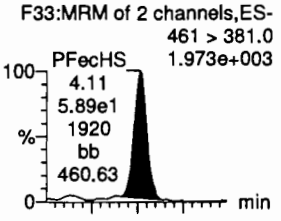


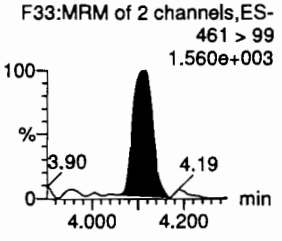
L-PFOA





PFEChS





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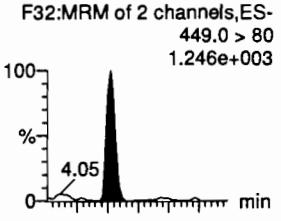
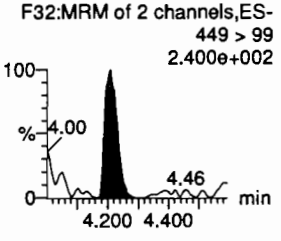
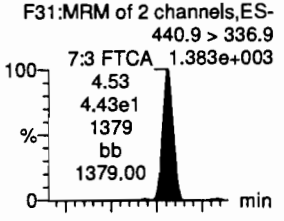
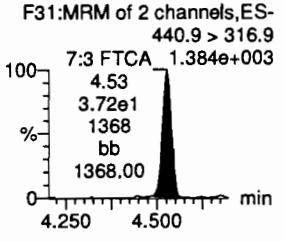


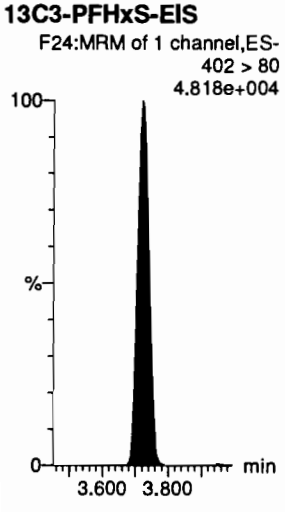


7:3 FTCA

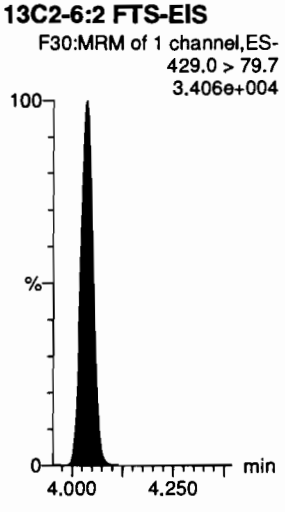




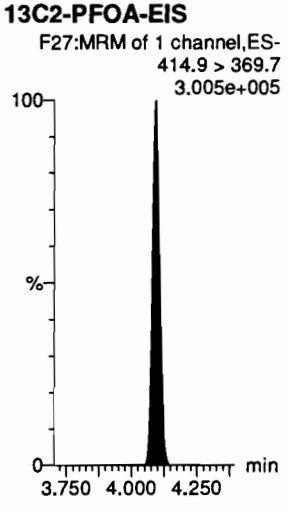
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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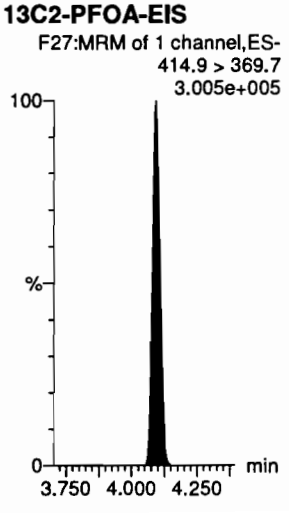

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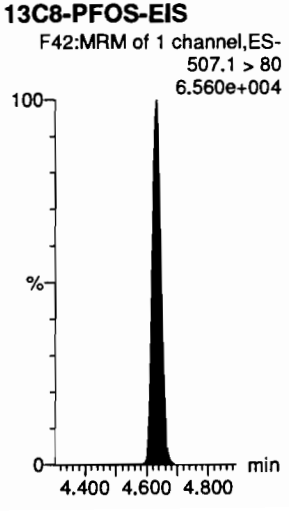
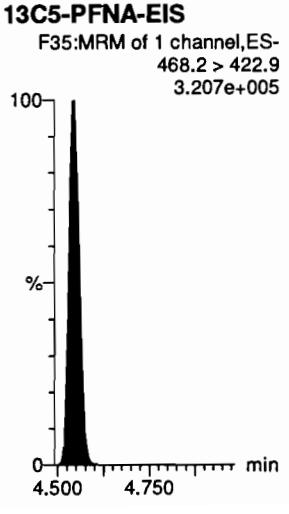


13C5-PFNA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

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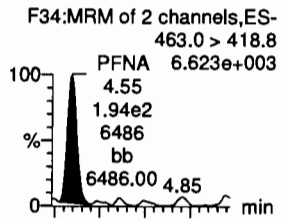

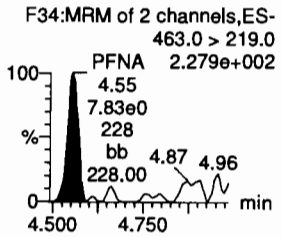

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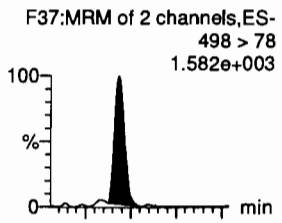
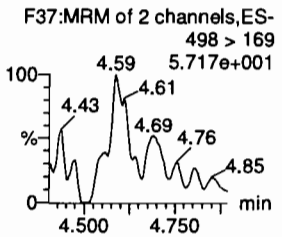
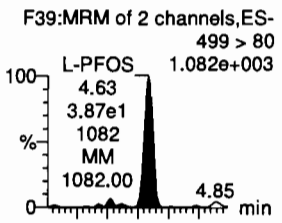
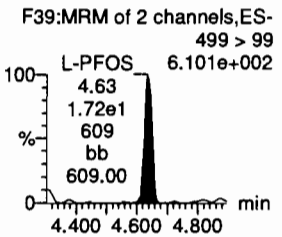


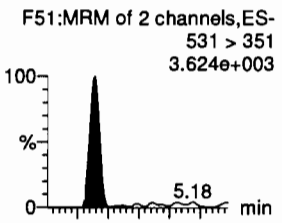


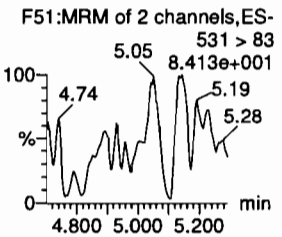
L-PFOS





9Cl-PF30NS





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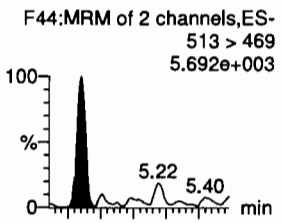
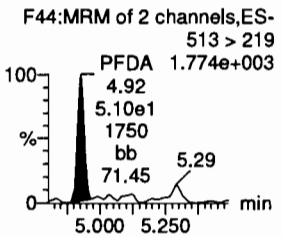
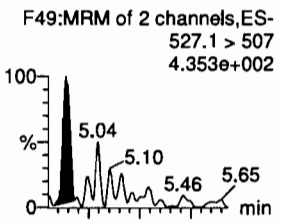
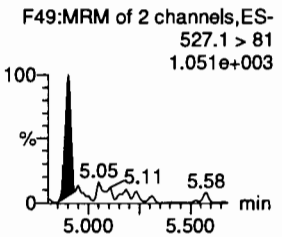


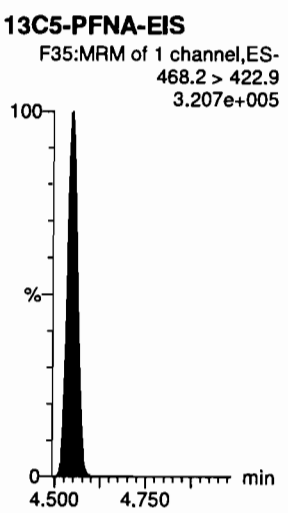


8:2 FTS

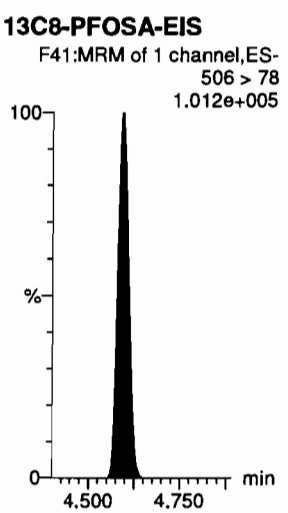




13C5-PFNA-EIS



13C8-PFOSA-EIS



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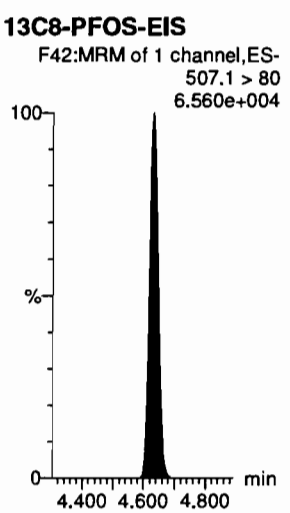
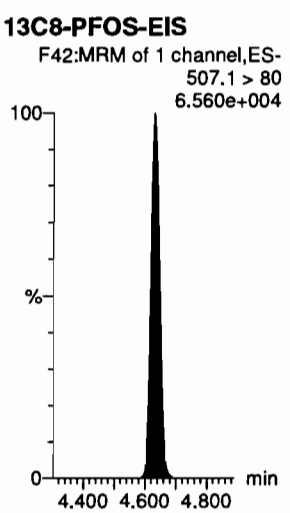
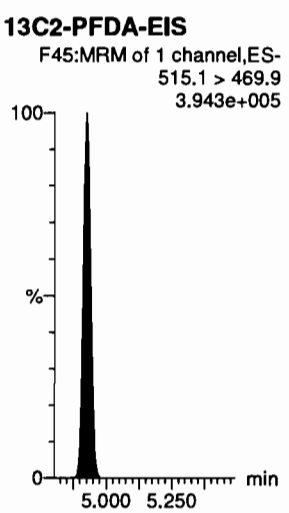


13C8-PFOS-EIS



13C2-PFDA-EIS



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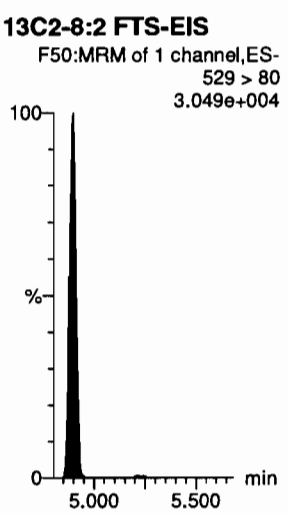
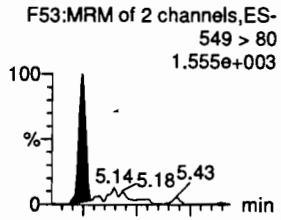


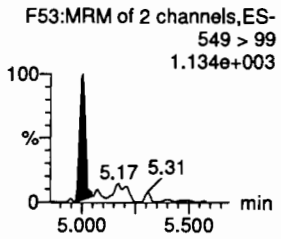
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

PFNS





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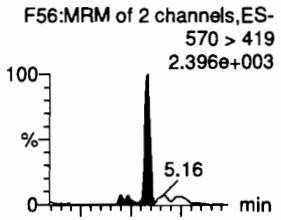

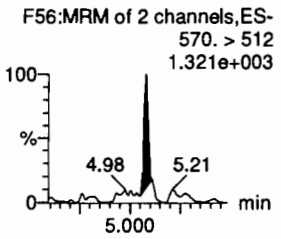

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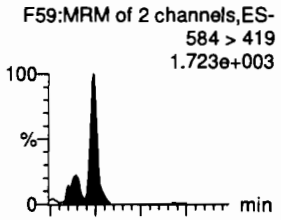
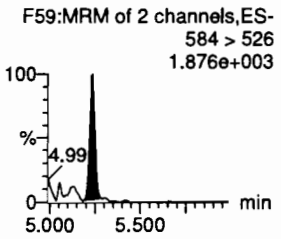
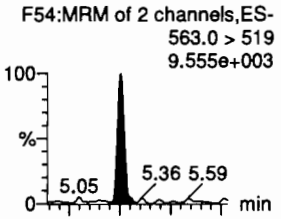
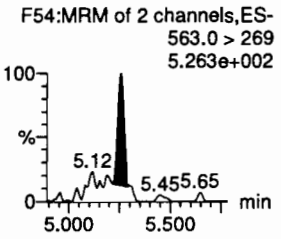




PFUdA





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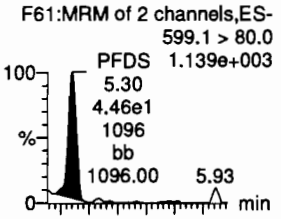

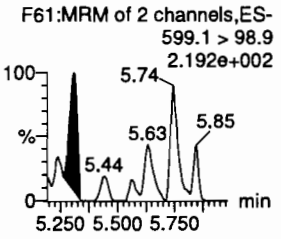

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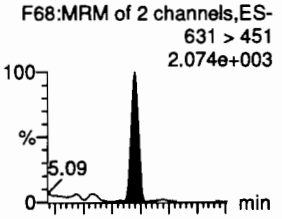
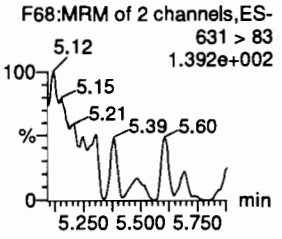
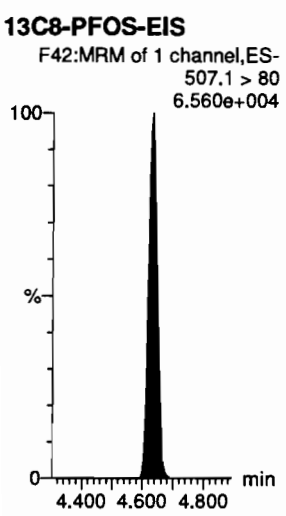




13C8-PFOS-EIS



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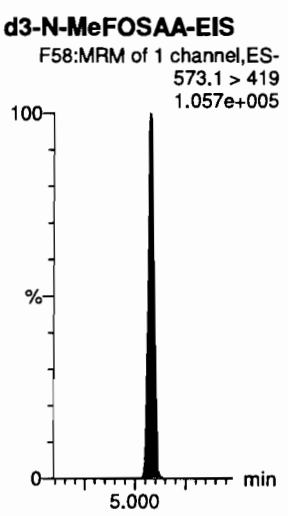

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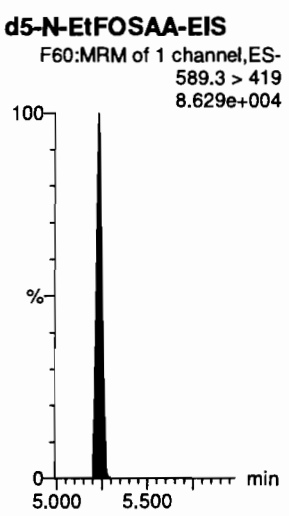
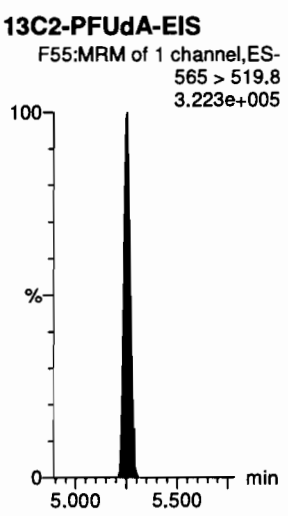


13C2-PFUdA-EIS



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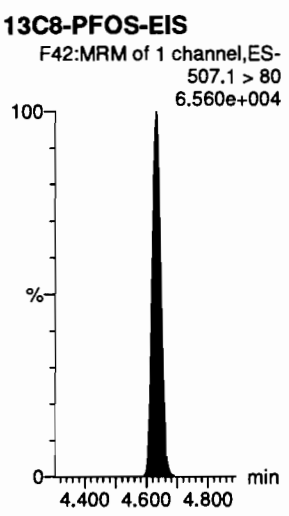

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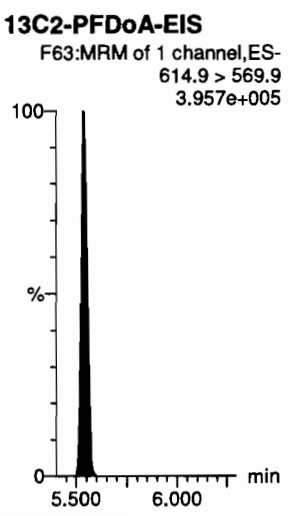
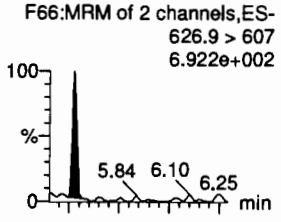


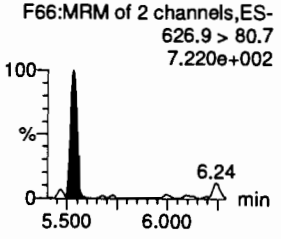
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

10:2 FTS





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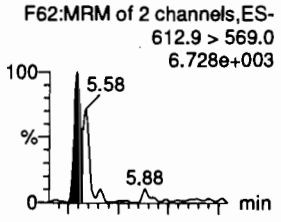
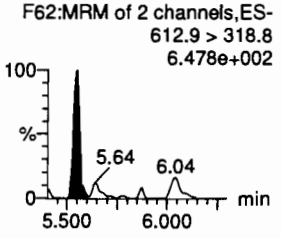
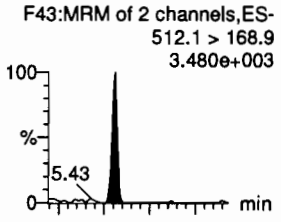
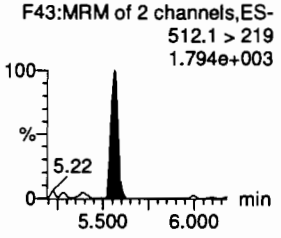


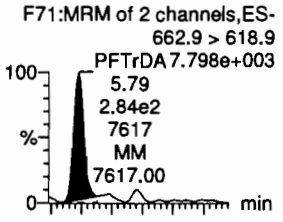


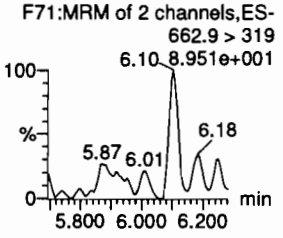
N-MeFOSA



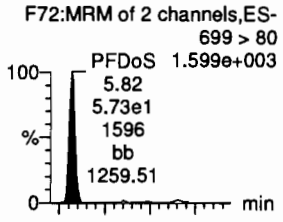


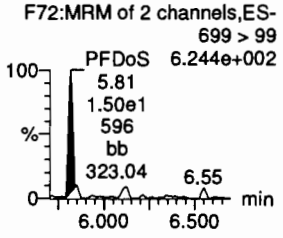
PFTrDA



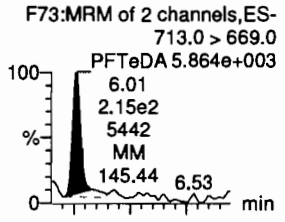


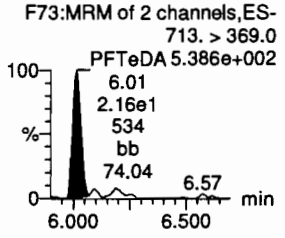
PFDoS



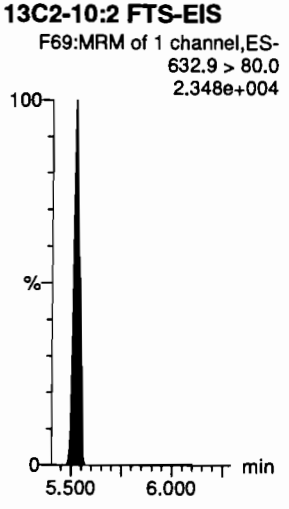


PFTeDA

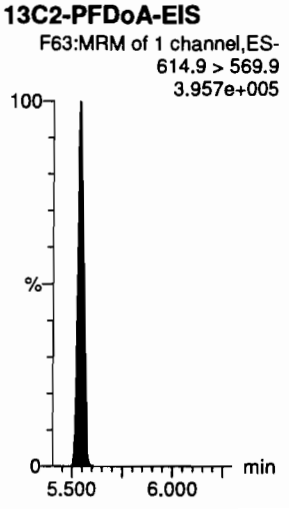




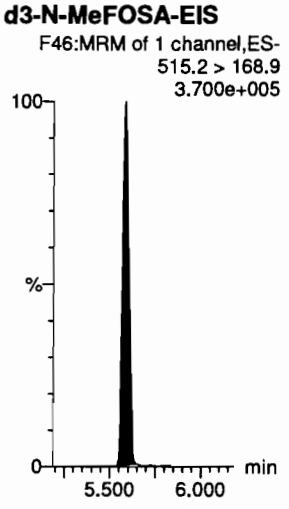
13C2-10:2 FTS-EIS



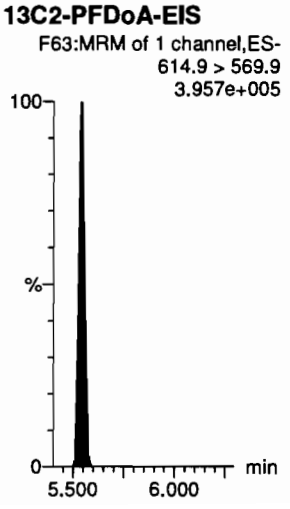
13C2-PFDoA-EIS



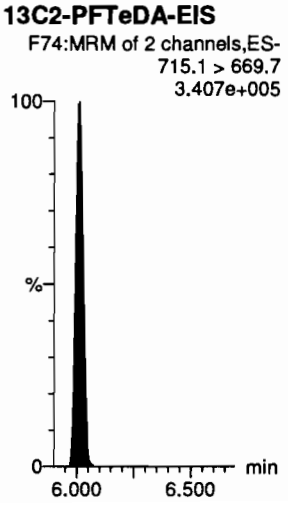
d3-N-MeFOSA-EIS



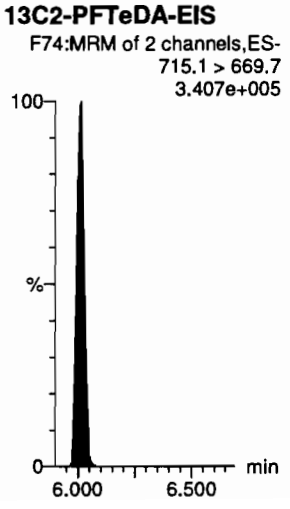
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

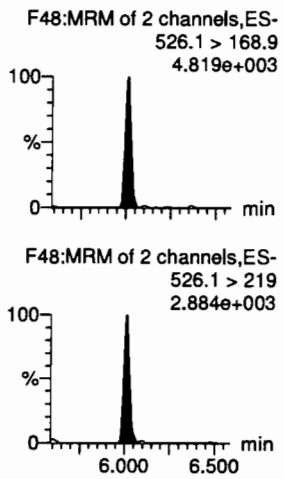


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

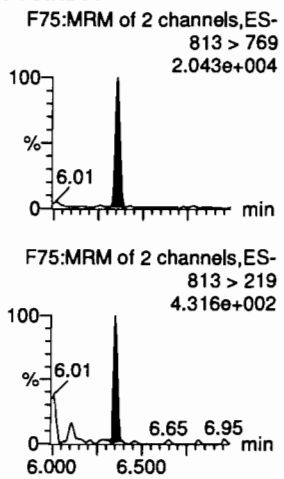
Last Altered: Thursday, May 28, 2020 09:06:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:09:33 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

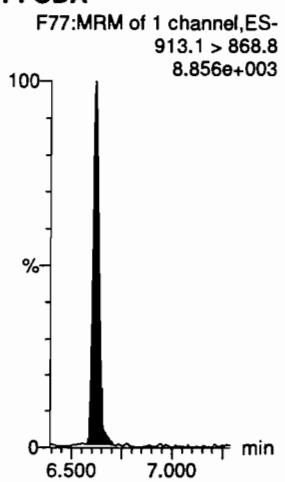
N-EtFOSA



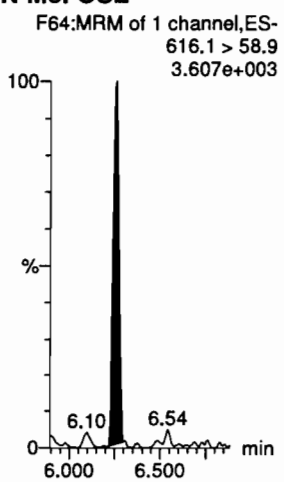
PFHxDA



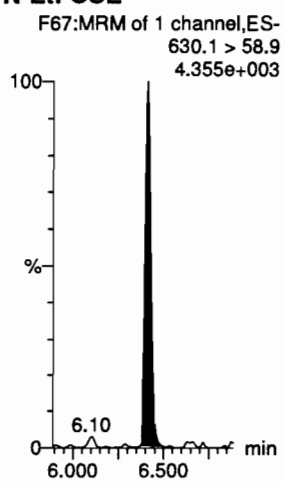
PFODA



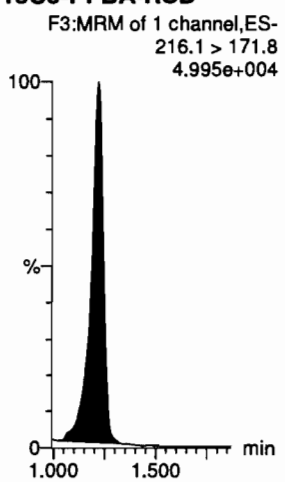
N-MeFOSE



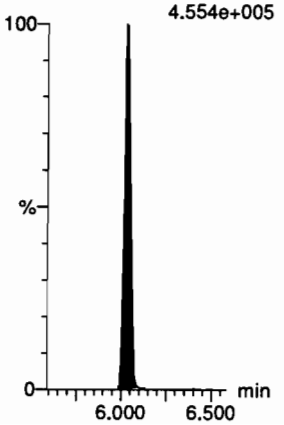
N-EtFOSE



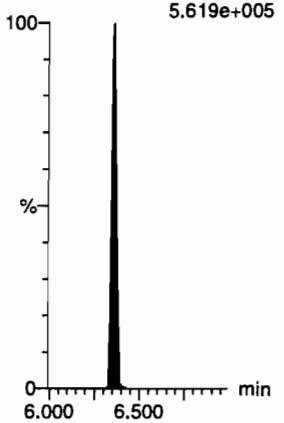
13C3-PFBA-RSD



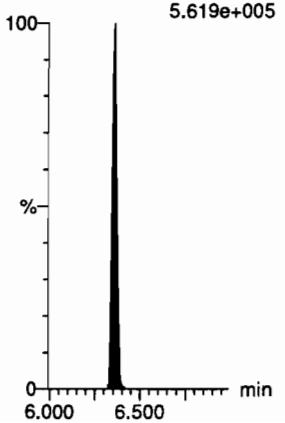
d5-N-ETFOSA-EIS



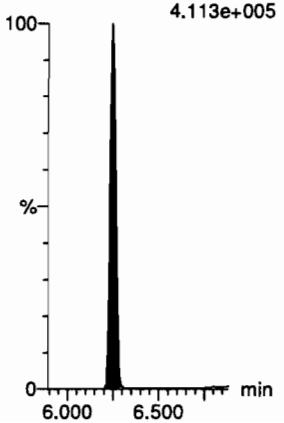
13C2-PFHxDA-EIS



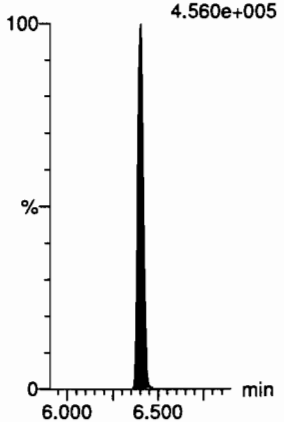
13C2-PFHxDA-EIS



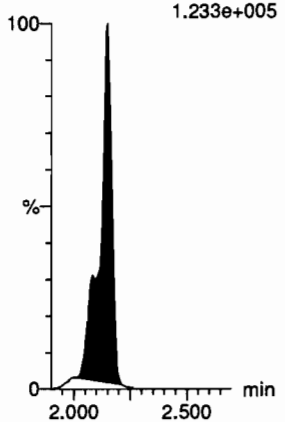
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

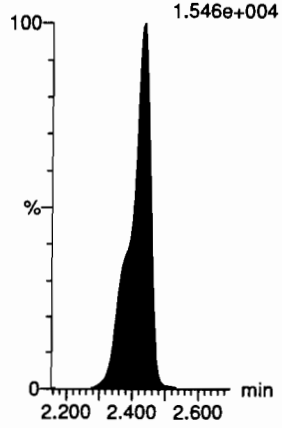


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

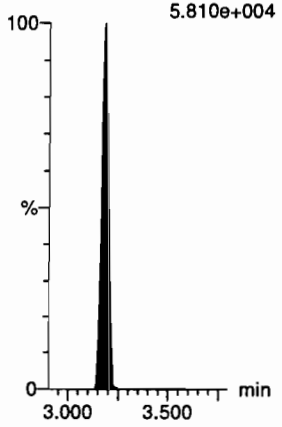
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

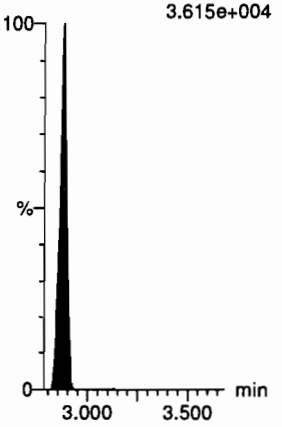
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.546e+004



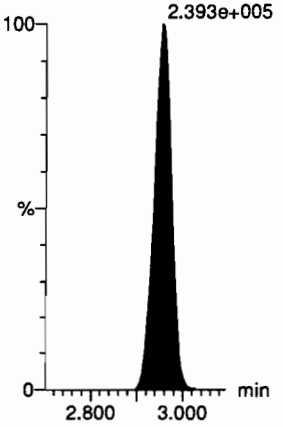
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.810e+004



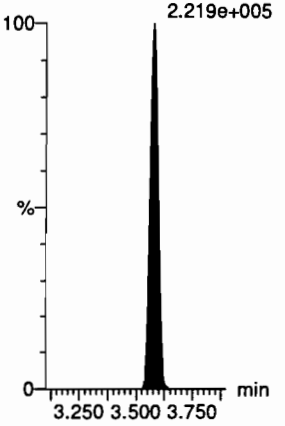
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.615e+004



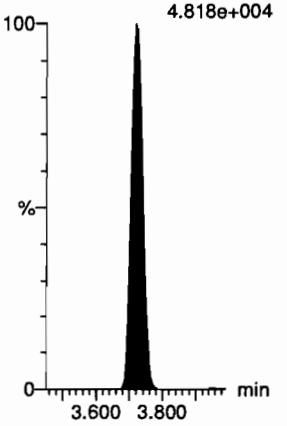
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.393e+005



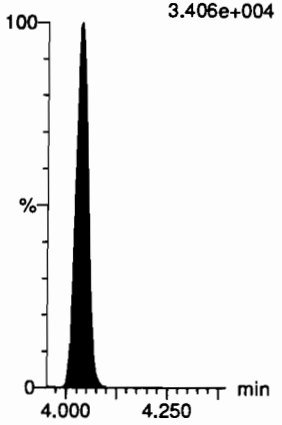
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.219e+005



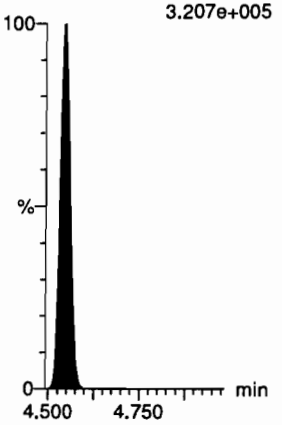
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
4.818e+004



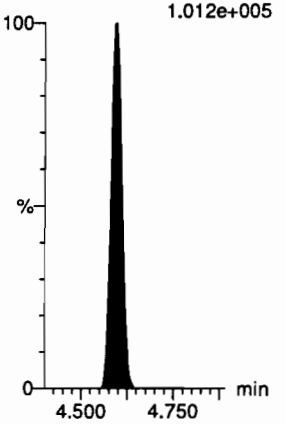
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.406e+004



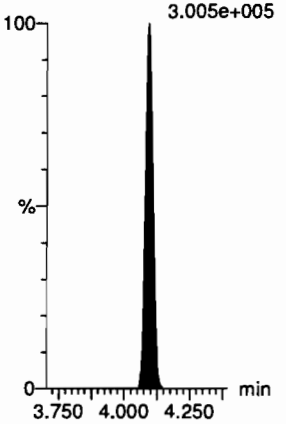
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.207e+005



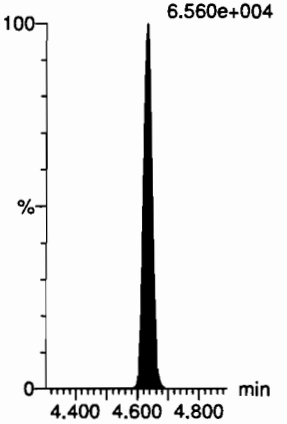
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.012e+005



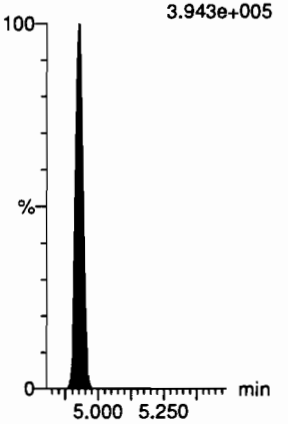
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.005e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.560e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.943e+005

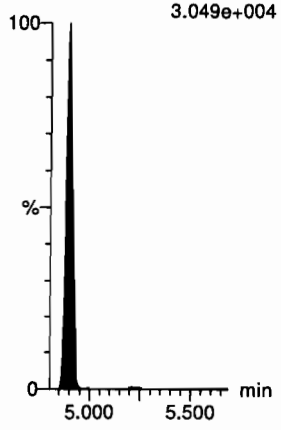


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

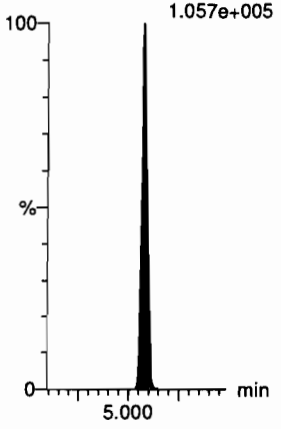
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

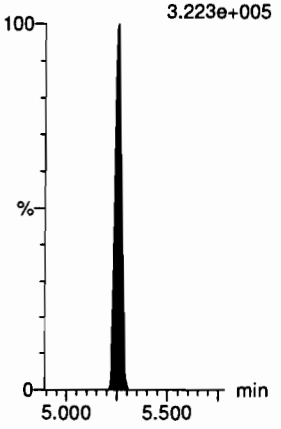
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.049e+004



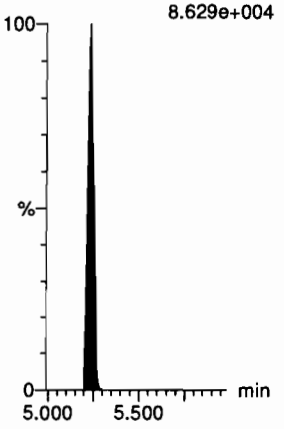
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.057e+005



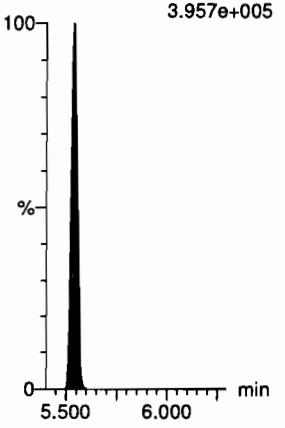
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.223e+005



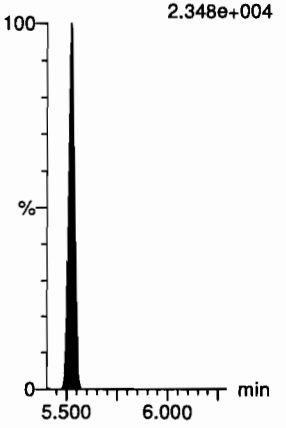
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
8.629e+004



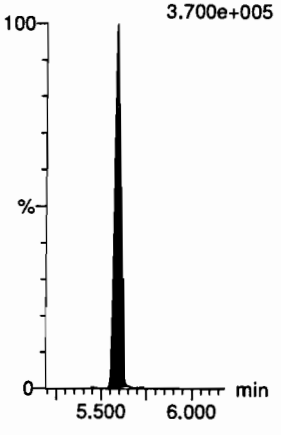
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
3.957e+005



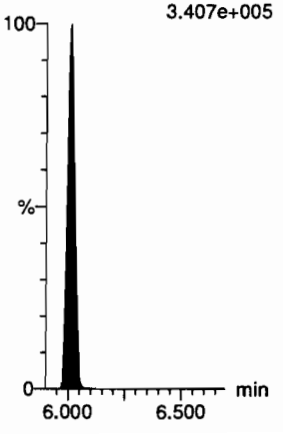
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.348e+004



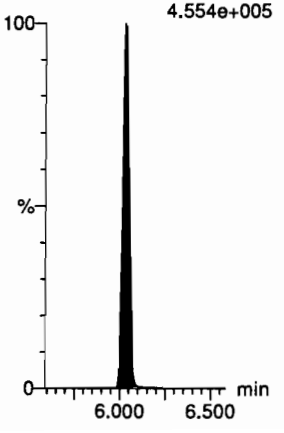
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.700e+005



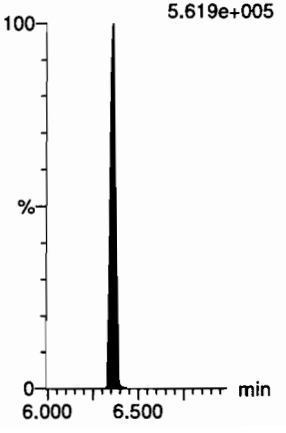
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.407e+005



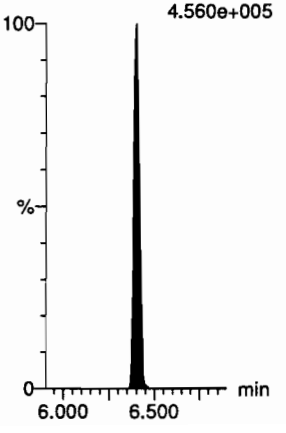
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.554e+005



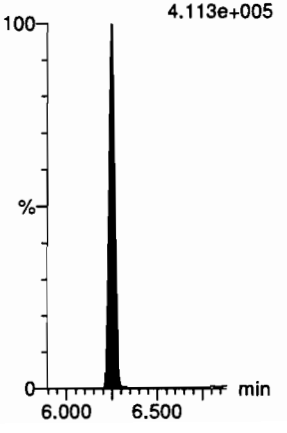
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.619e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.560e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.113e+005

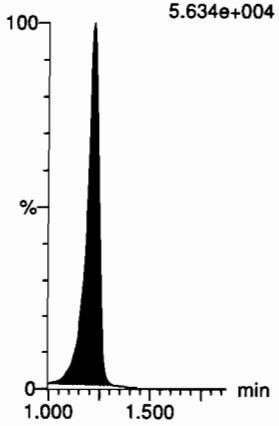


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

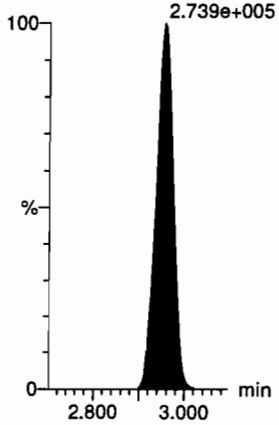
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-5, Date: 27-May-2020, Time: 12:52:16, ID: ST200527P1-1 PFC CS-2 20E0505, Description: PFC CS-2 20E0505

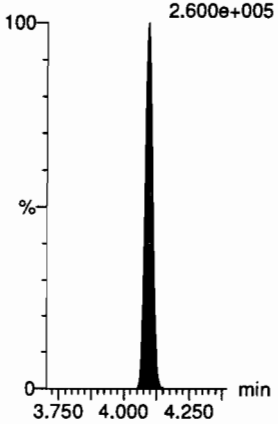
13C4-PFBA



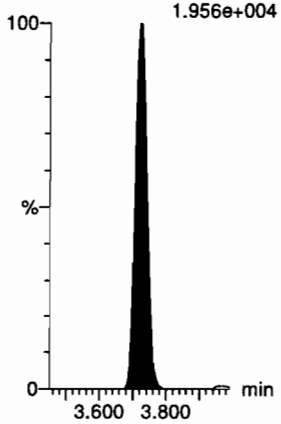
13C5-PFHxA



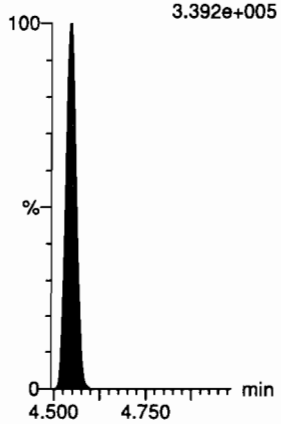
13C8-PFOA



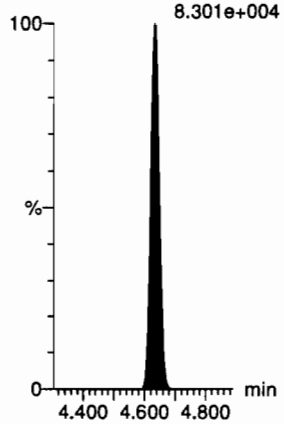
18O2-PFHxS



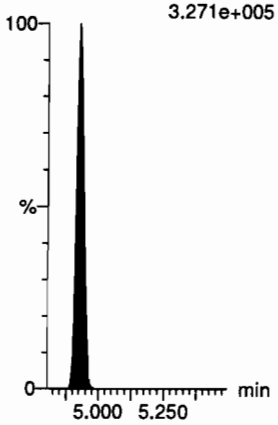
13C9-PFNA



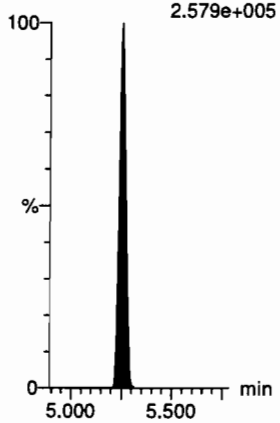
13C4-PFOS



13C6-PFDA



13C7-PFUdA

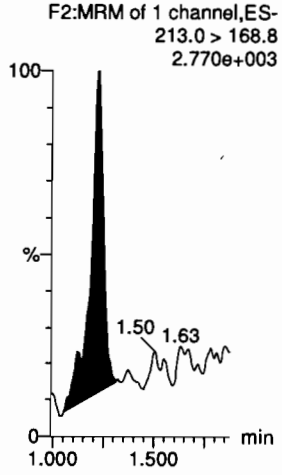


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

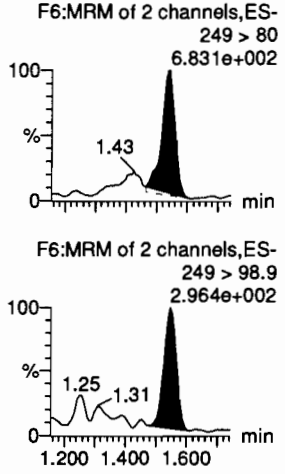
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

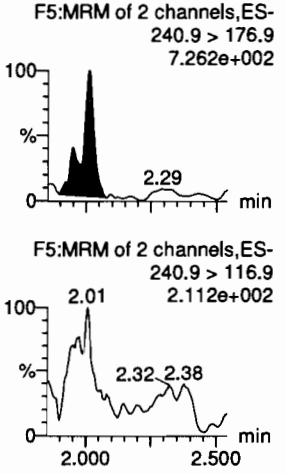
PFBA



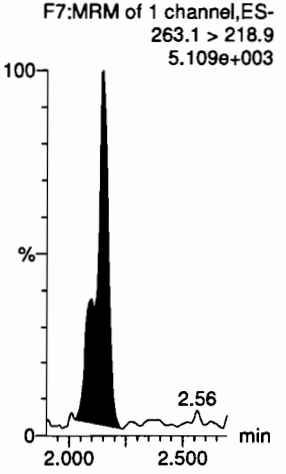
PFPrS



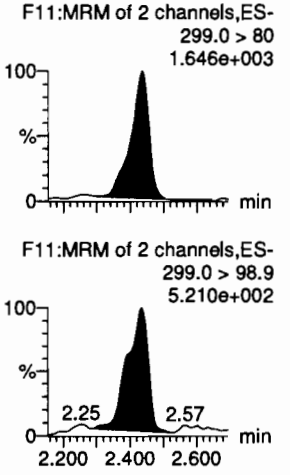
3:3 FTCA



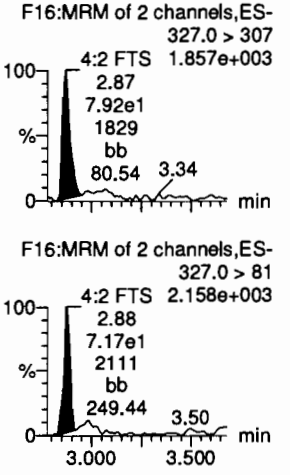
PFPeA



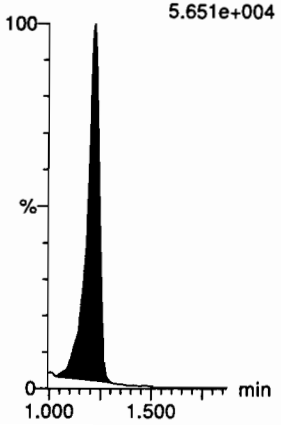
PFBS



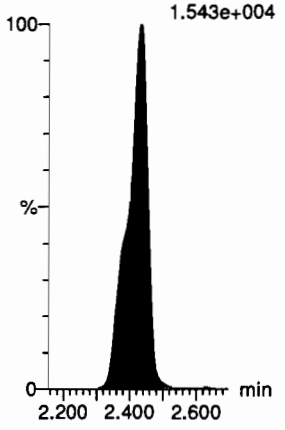
4:2 FTS



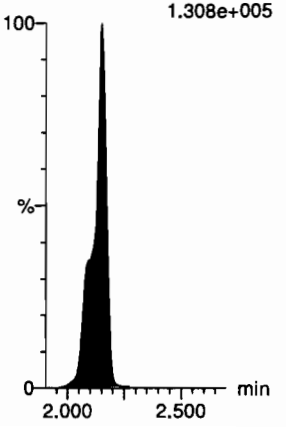
13C3-PFBA-EIS



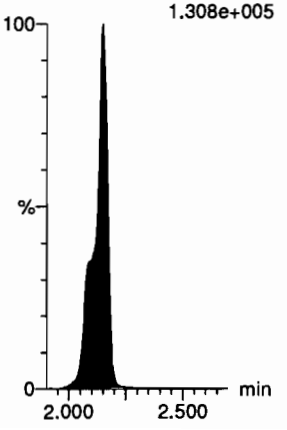
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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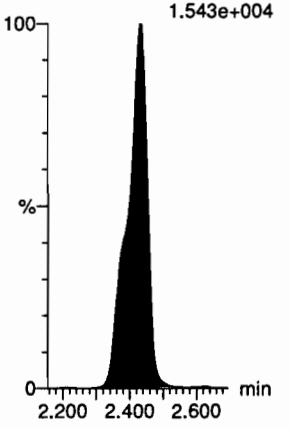
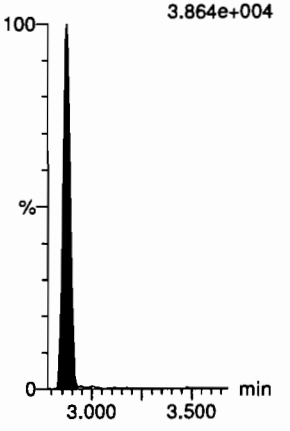


13C2-4:2 FTS-EIS

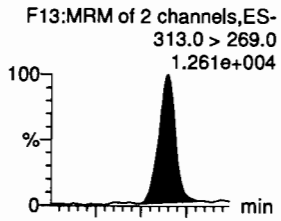


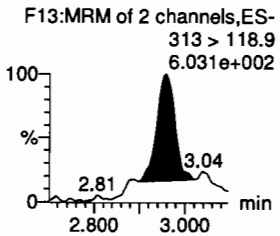
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

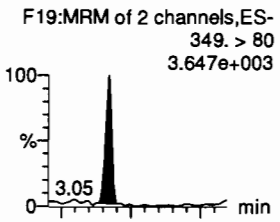
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

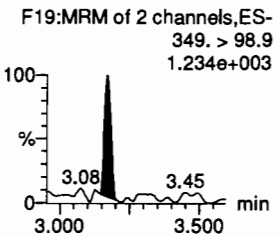
PFHxA



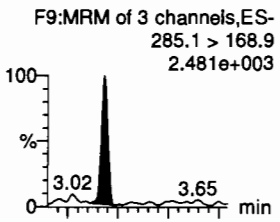


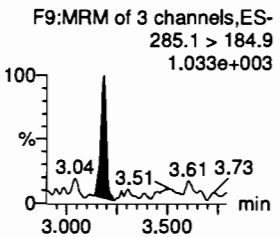
PFPeS



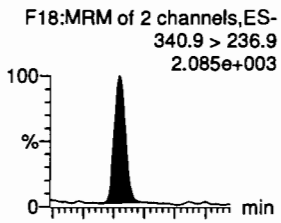


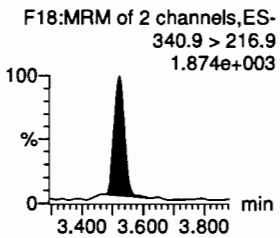
HFPO-DA



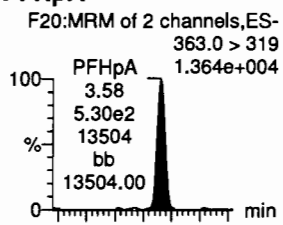


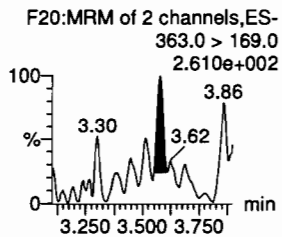
5:3 FTCA



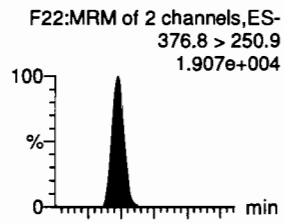


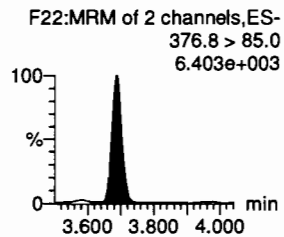
PFHpA



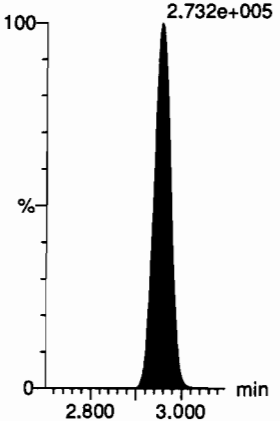


ADONA

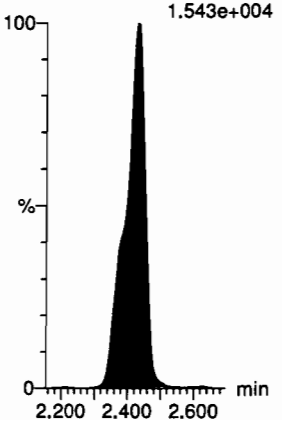




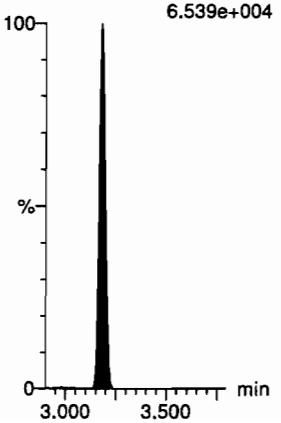
13C2-PFHxA-EIS



13C3-PFBS-EIS

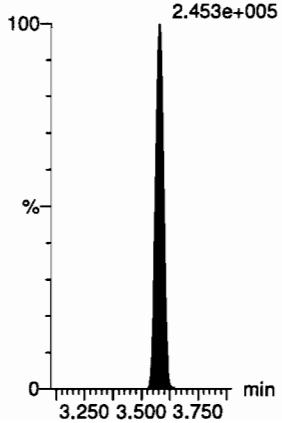


13C3-HFPO-DA-EIS

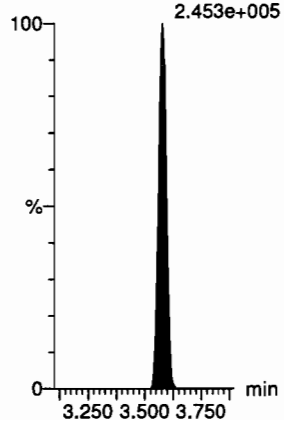


13C4-PFHpA-EIS

13C4-PFHpA-EIS



13C4-PFHpA-EIS

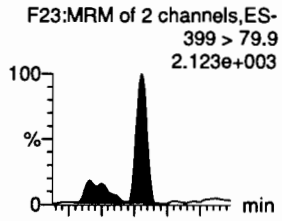


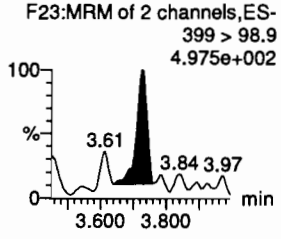
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

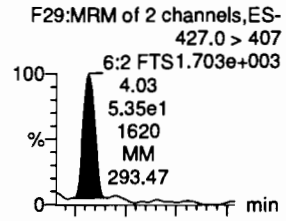
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

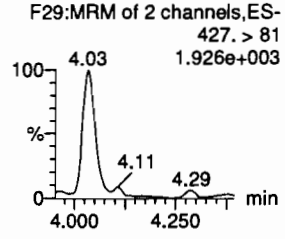
L-PFHxS



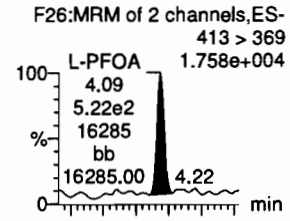


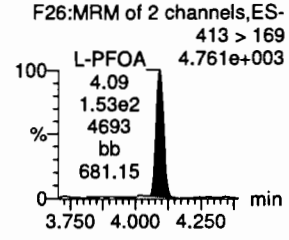
6:2 FTS



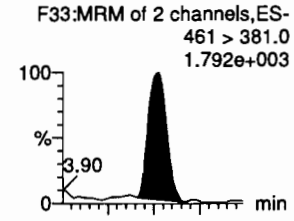


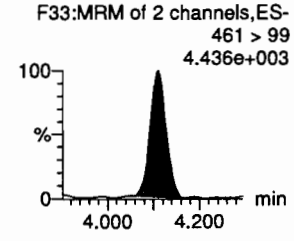
L-PFOA



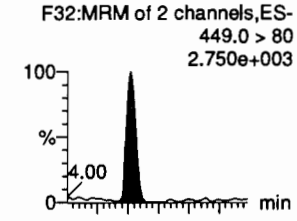


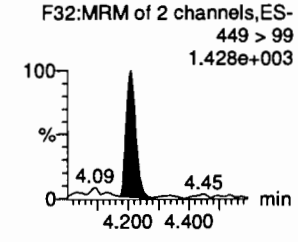
PFEChS



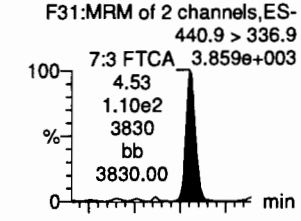


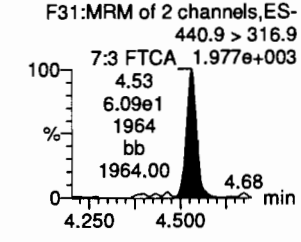
PFHpS



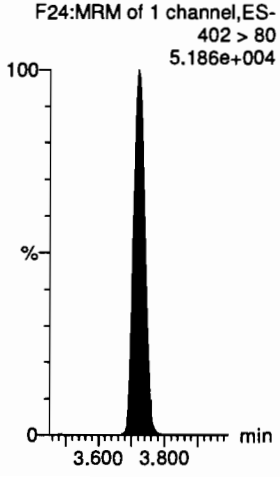


7:3 FTCA

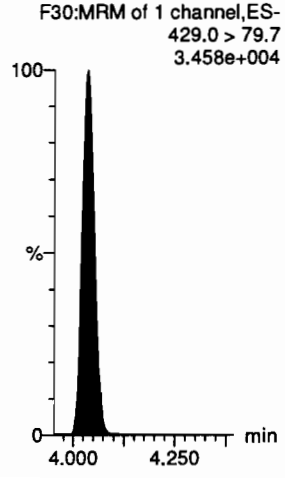




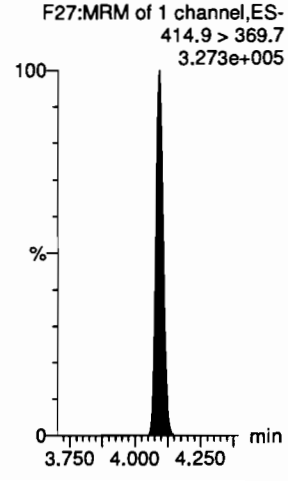
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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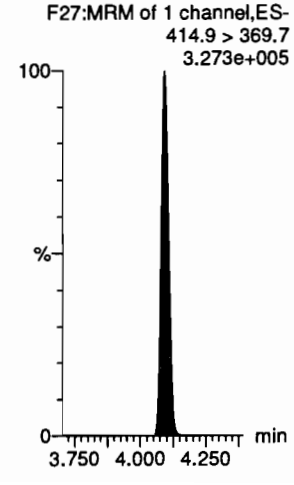
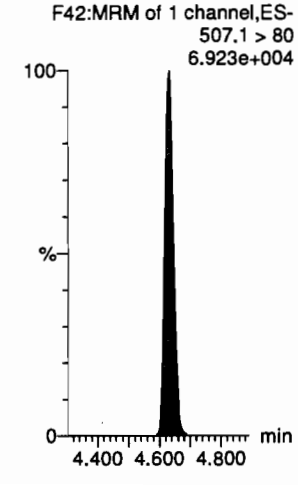
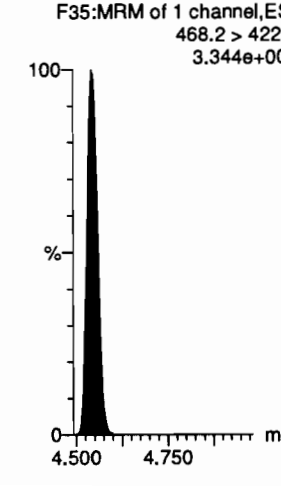


13C8-PFOS-EIS



13C5-PFNA-EIS

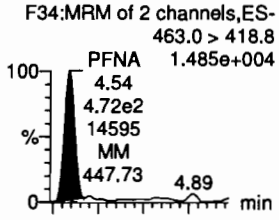


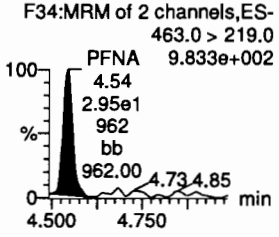
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

PFNA





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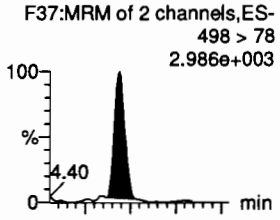
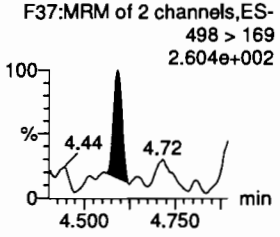
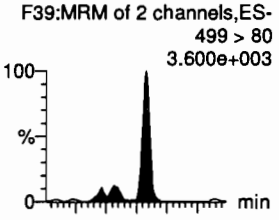
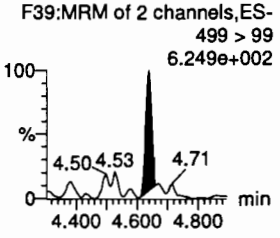


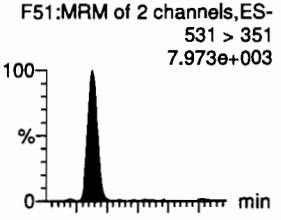


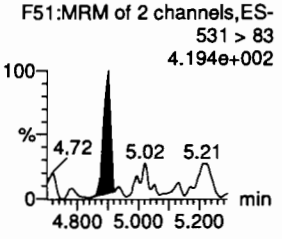
L-PFOS



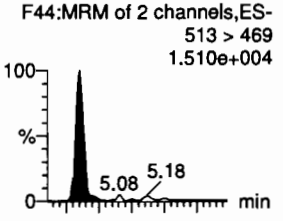


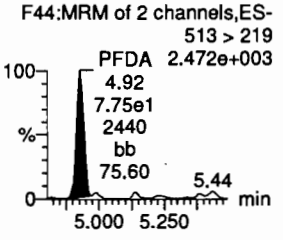
9Cl-PF30NS



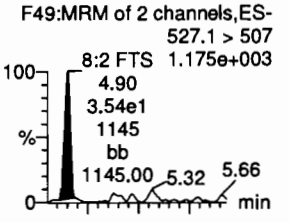


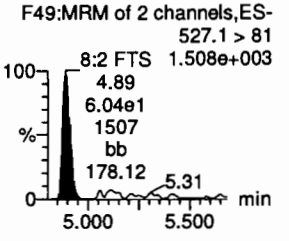
PFDA



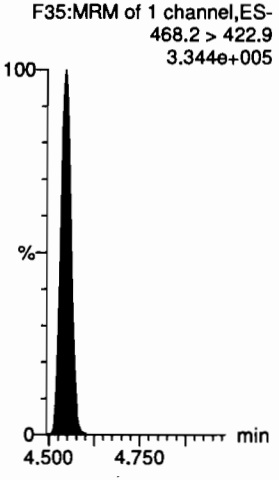


8:2 FTS

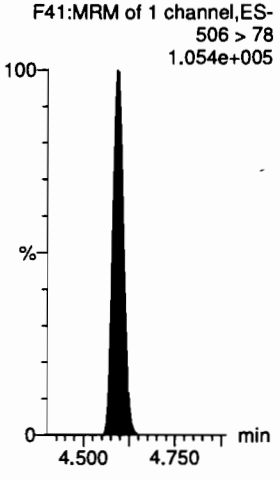




13C5-PFNA-EIS



13C8-PFOSA-EIS



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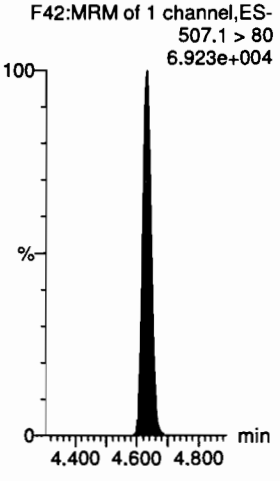
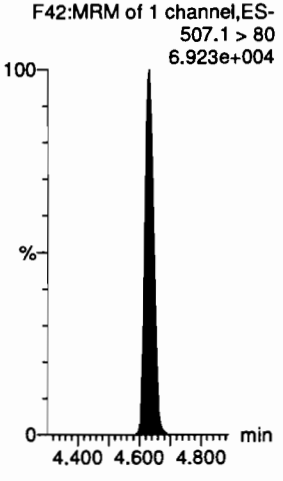
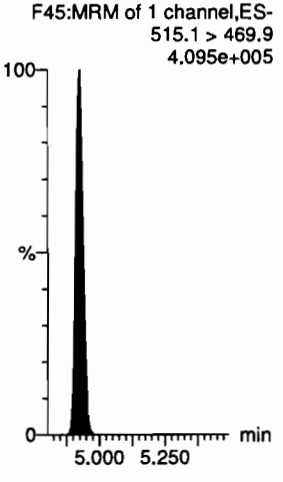


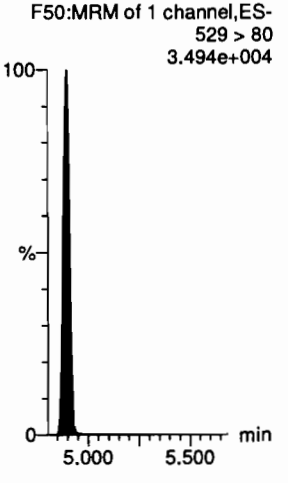
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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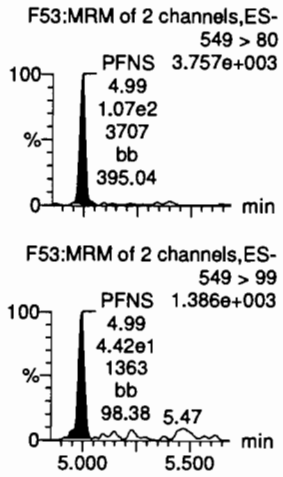
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

PFNS



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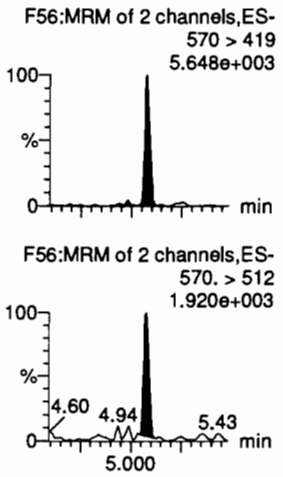

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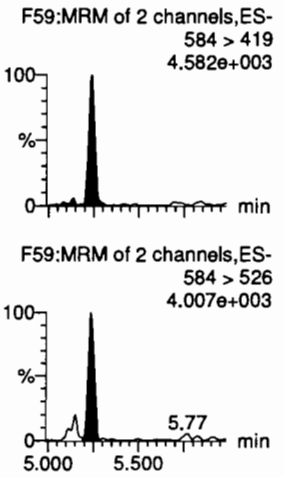
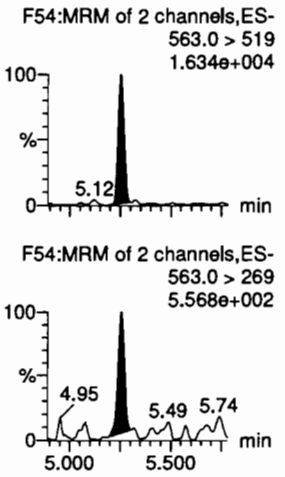


PFUdA



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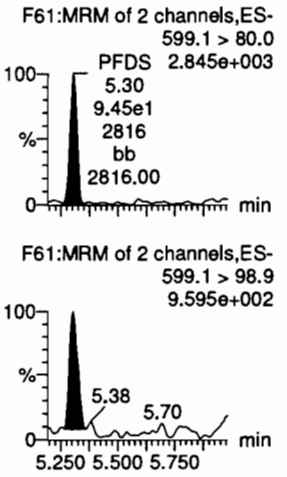
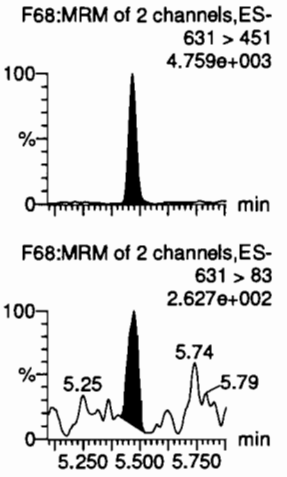
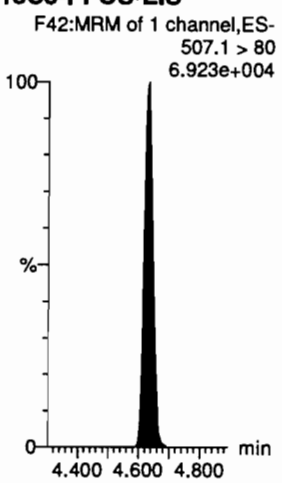


11Cl-PF30UdS



13C8-PFOS-EIS



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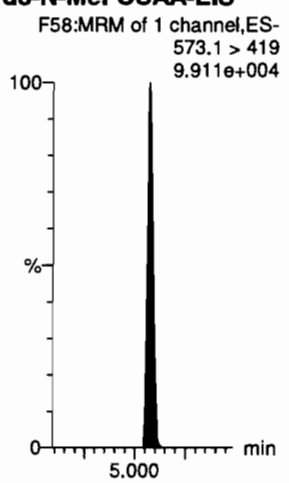

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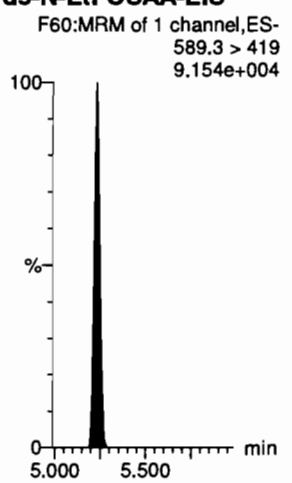
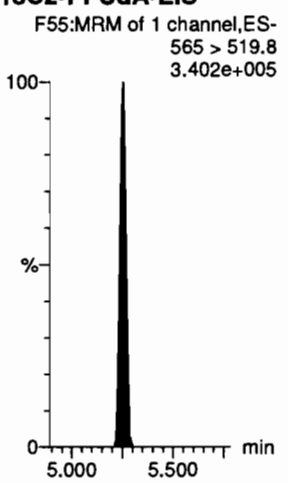
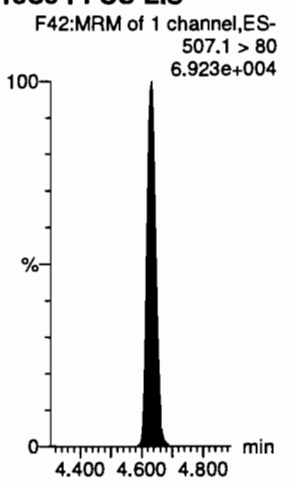


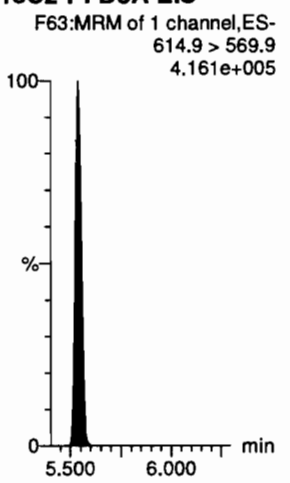
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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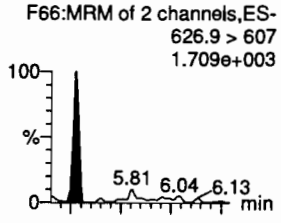
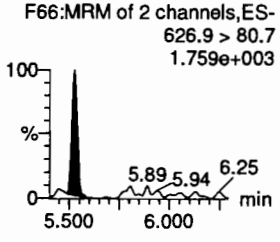
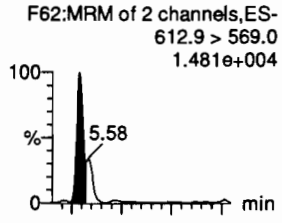
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

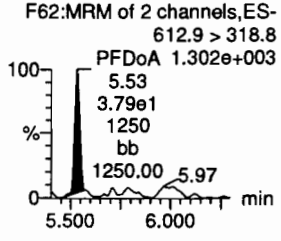
10:2 FTS



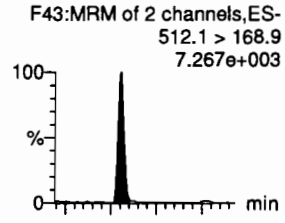


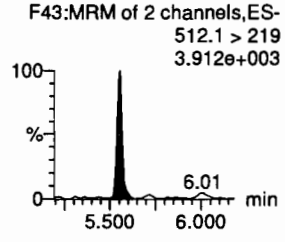
PFDoA





N-MeFOSA





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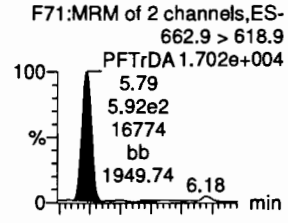

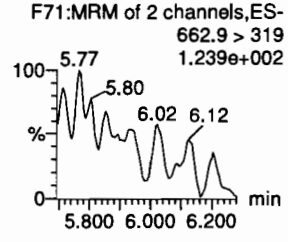

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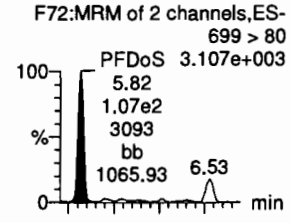

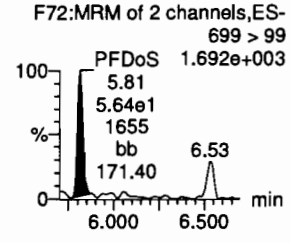

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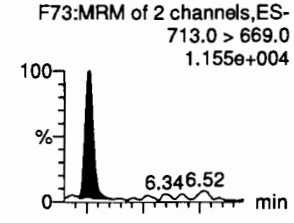
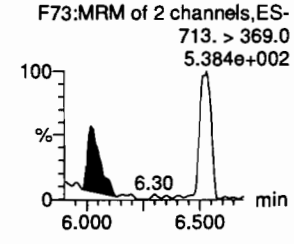
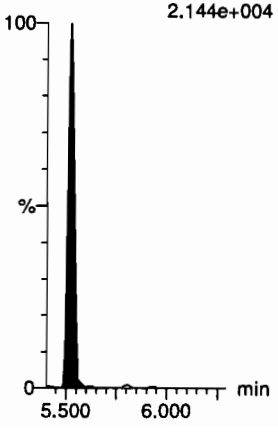
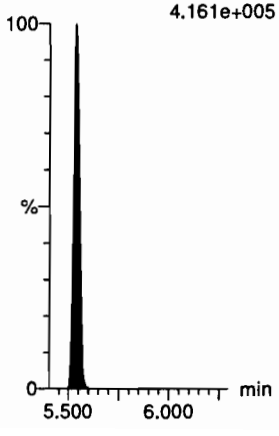




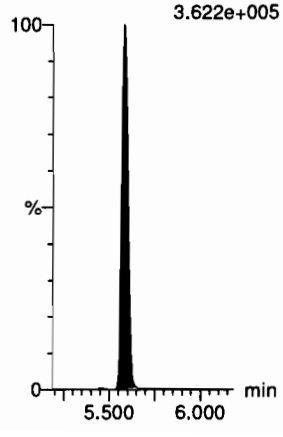
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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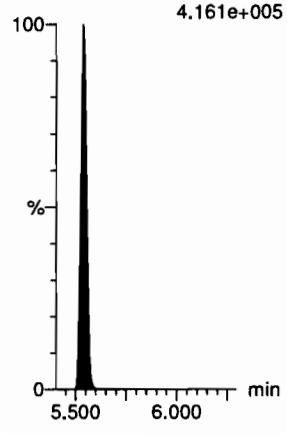

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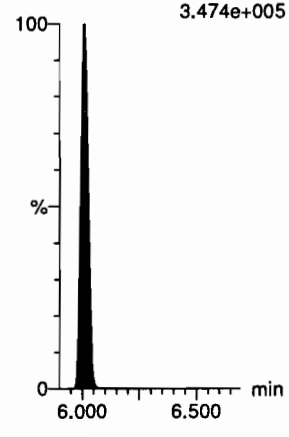
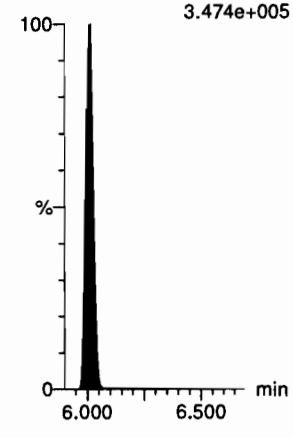


13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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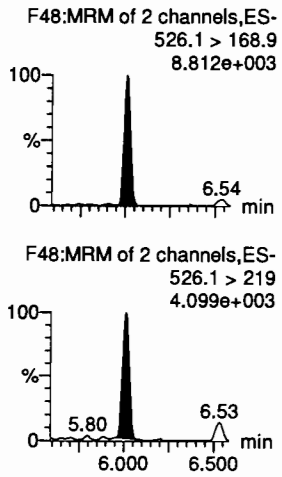
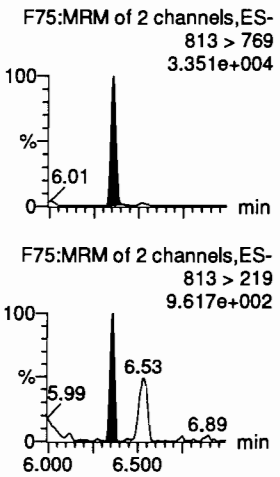
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

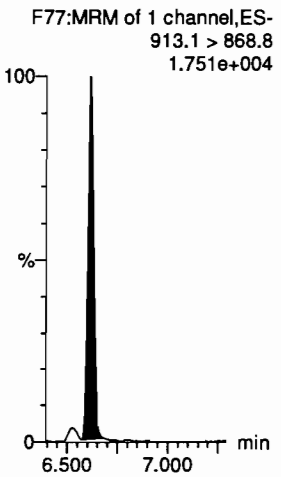
N-EtFOSA



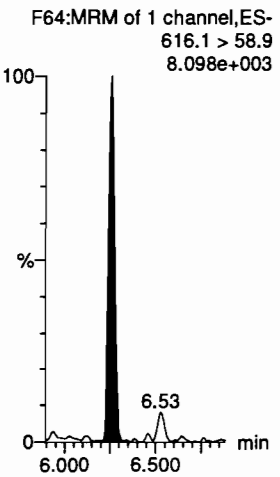
PFHxDA



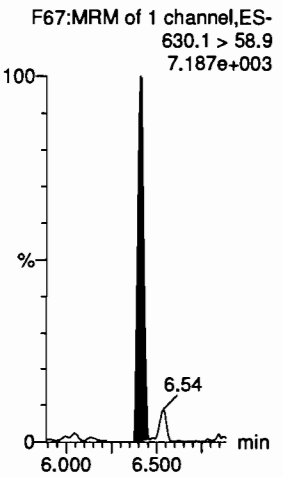
PFODA



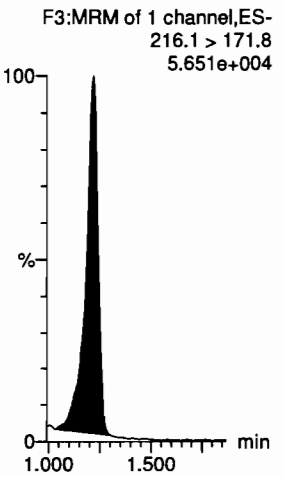
N-MeFOSE



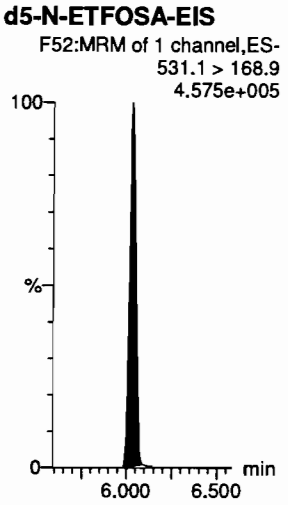
N-EtFOSE



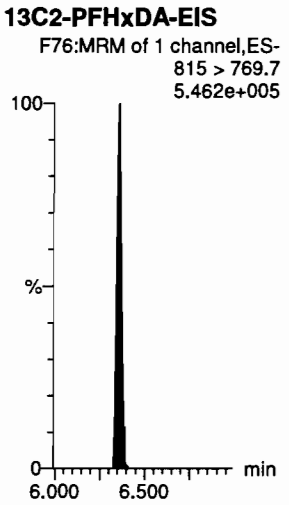
13C3-PFBA-RSD



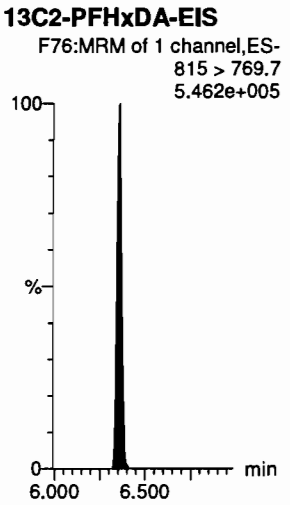
d5-N-ETFOSA-EIS



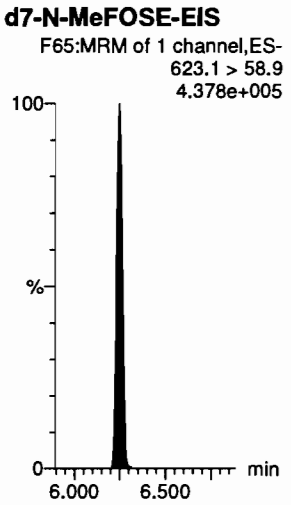
13C2-PFHxDA-EIS



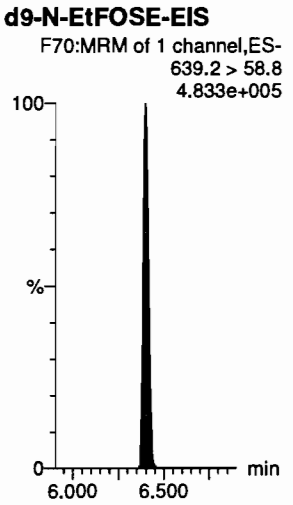
13C2-PFHxDA-EIS



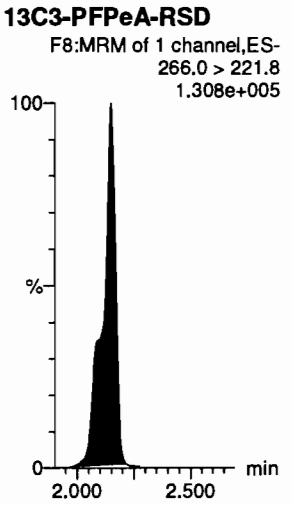
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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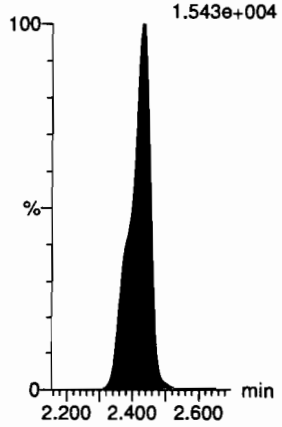
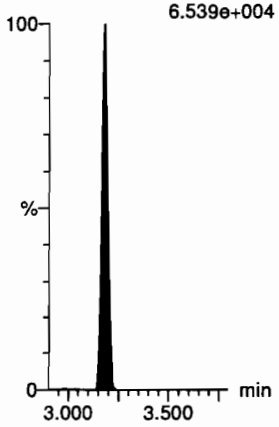
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

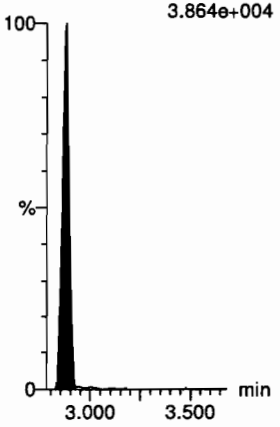
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.543e+004



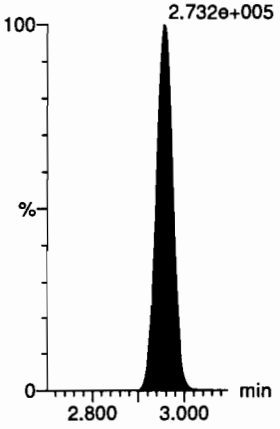
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.539e+004



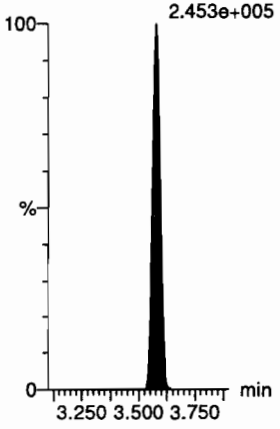
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.864e+004



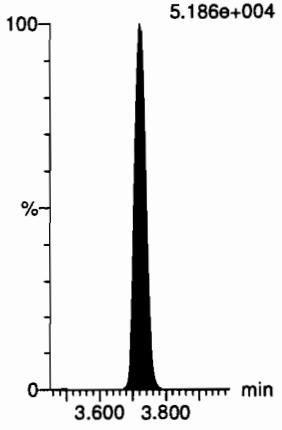
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.732e+005



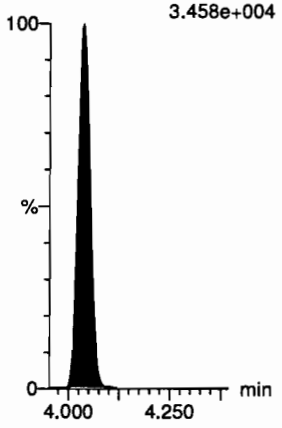
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.453e+005



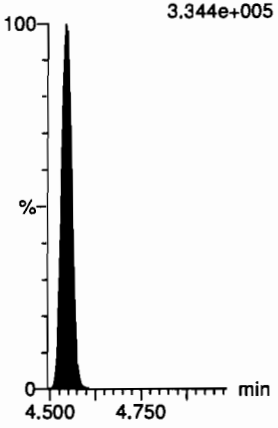
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.186e+004



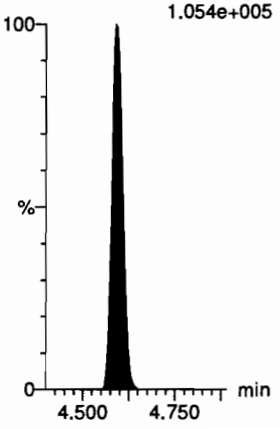
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.458e+004



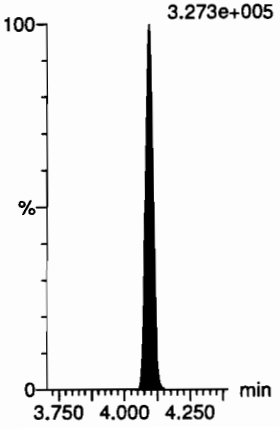
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.344e+005



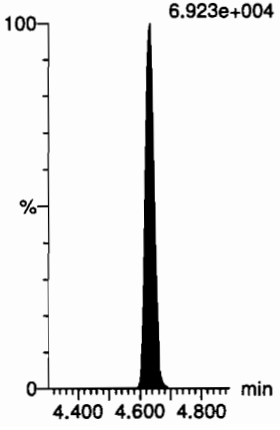
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.054e+005



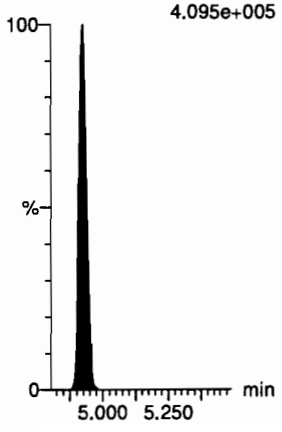
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.273e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.923e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.095e+005



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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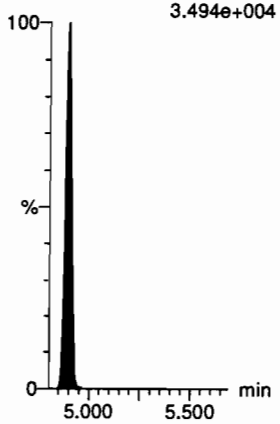
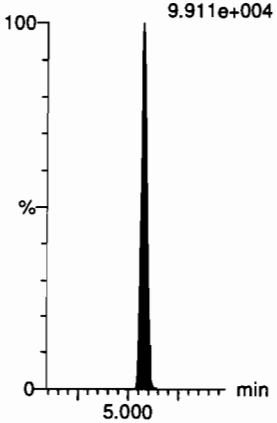
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

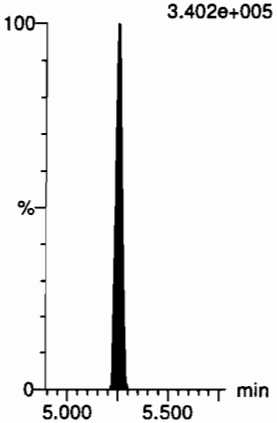
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.494e+004



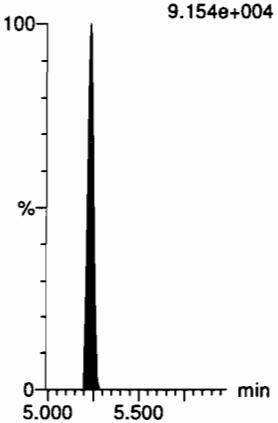
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.911e+004



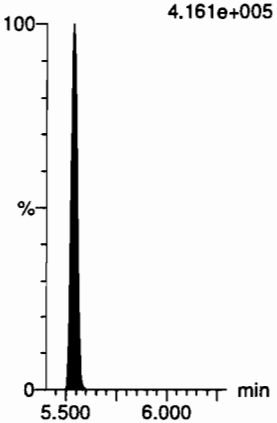
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.402e+005



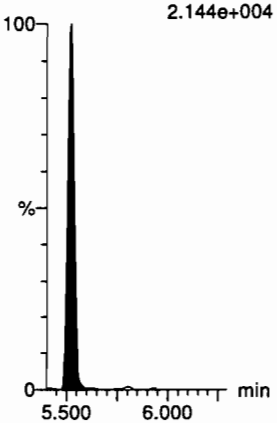
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.154e+004



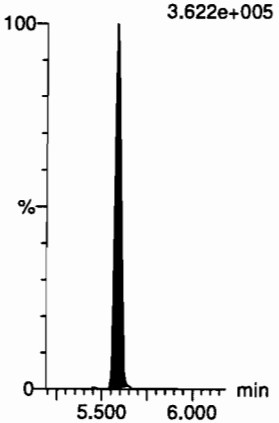
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.161e+005



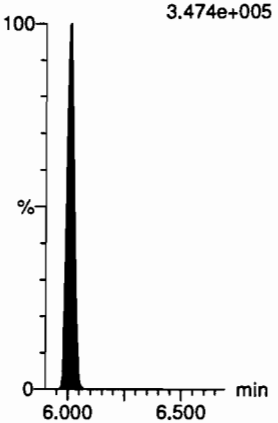
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.144e+004



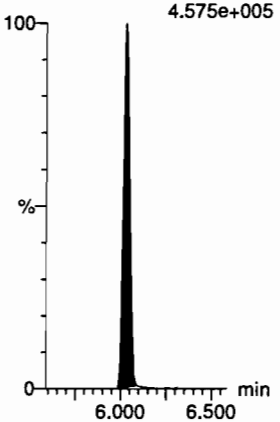
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.622e+005



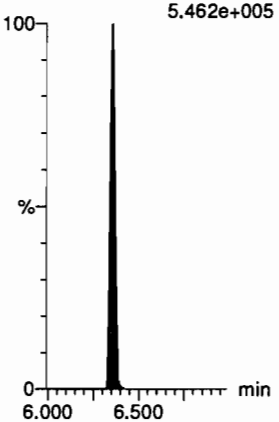
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.474e+005



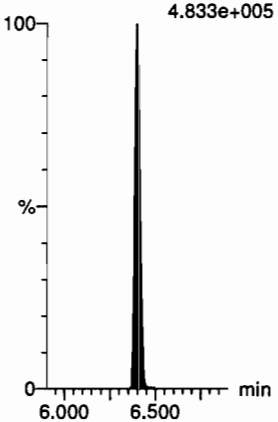
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.575e+005



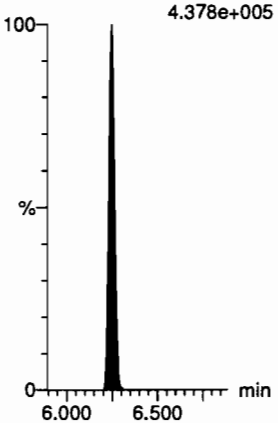
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.462e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.833e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.378e+005



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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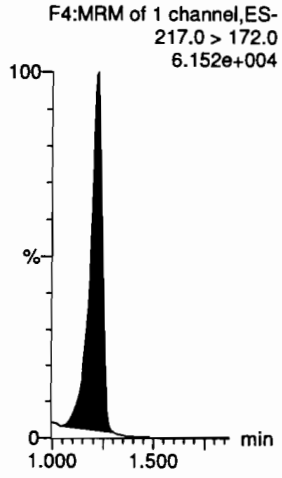
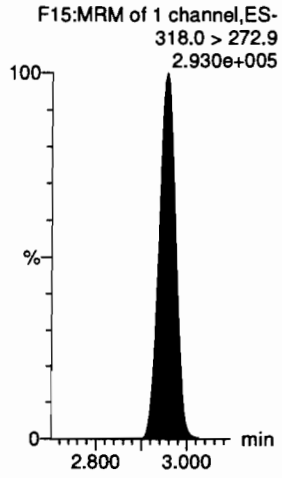
Name: 200527P1-6, Date: 27-May-2020, Time: 13:02:45, ID: ST200527P1-2 PFC CS-1 20E0506, Description: PFC CS-1 20E0506

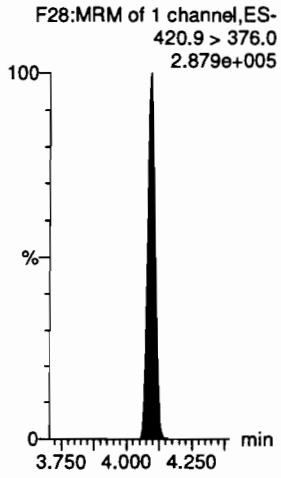
13C4-PFBA



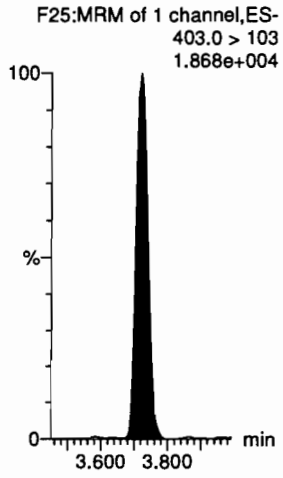
13C5-PFHxA



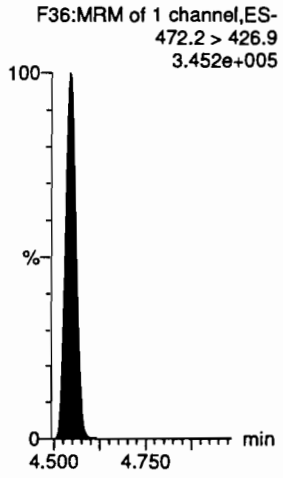
13C8-PFOA



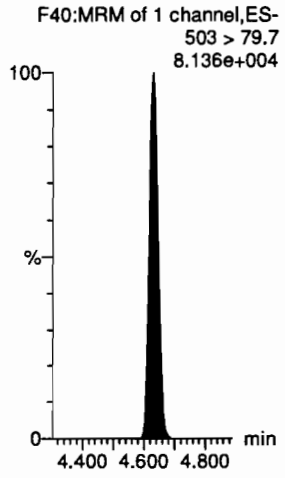
18O2-PFHxS



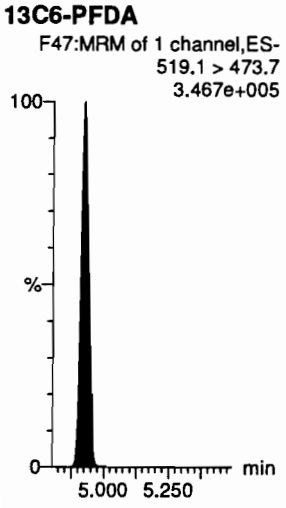
13C9-PFNA



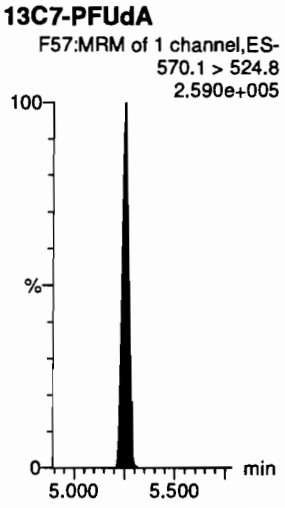
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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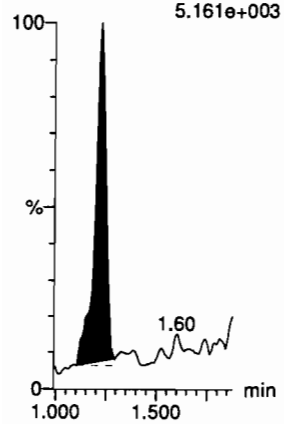
Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

PFBA



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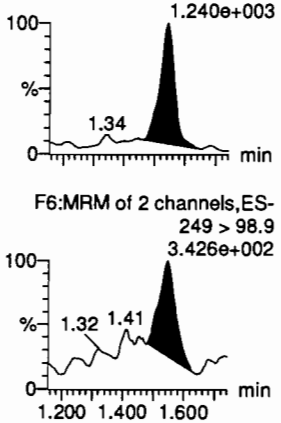
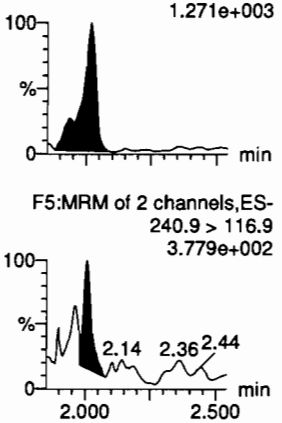


3:3 FTCA



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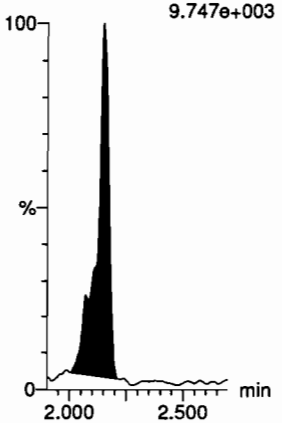

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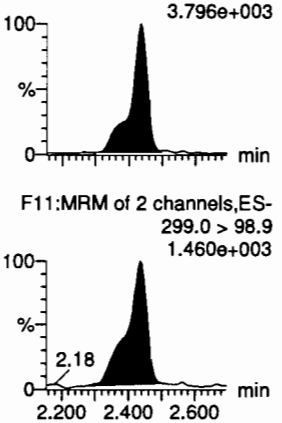
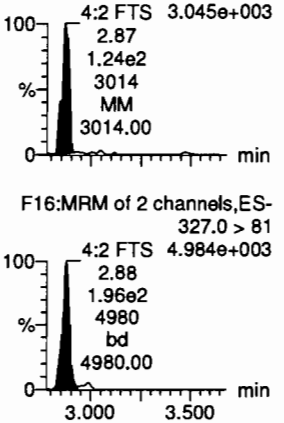
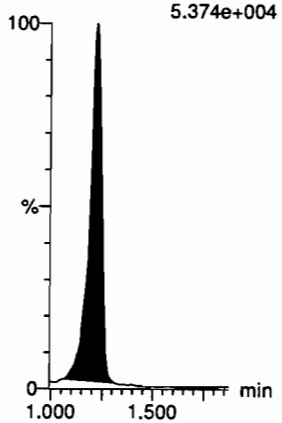


4:2 FTS



13C3-PFBA-EIS



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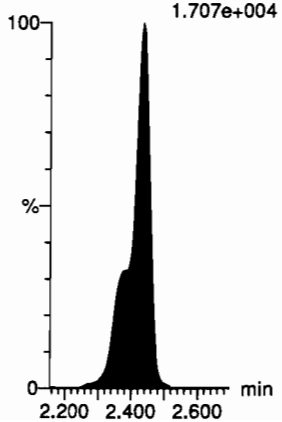

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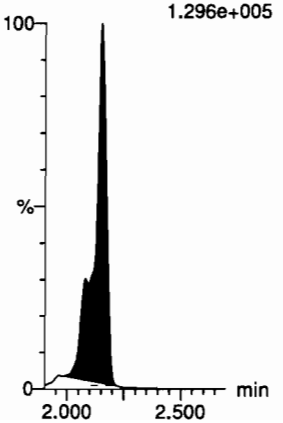

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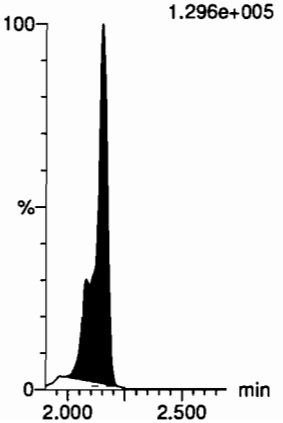

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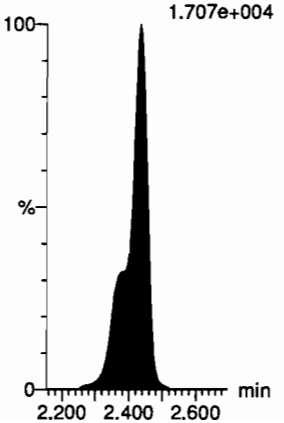
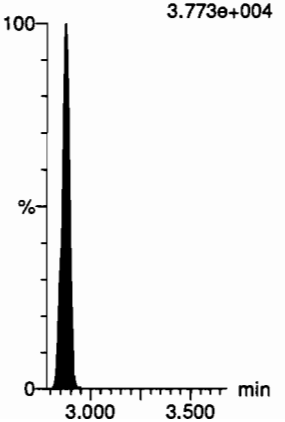


13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

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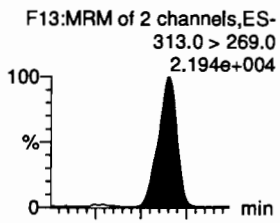
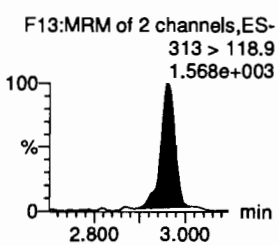
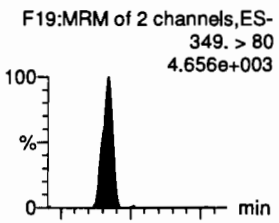
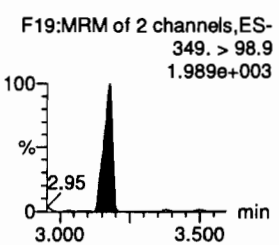




PFPeS





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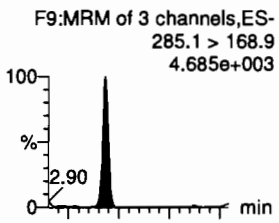
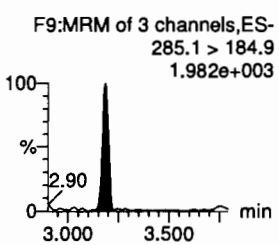
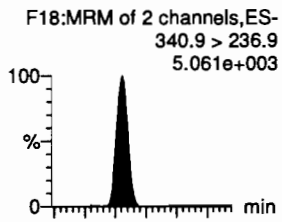
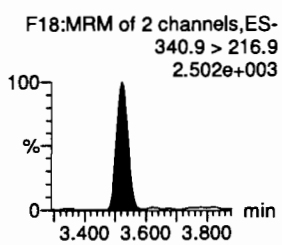




5:3 FTCA





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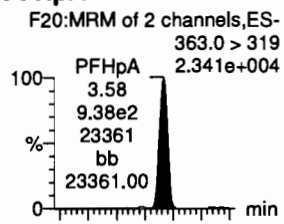

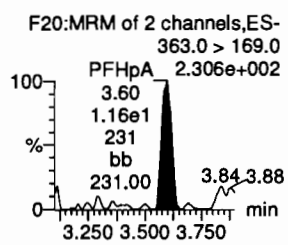

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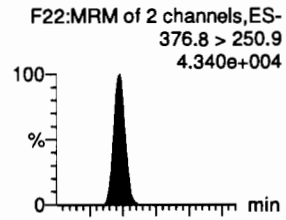

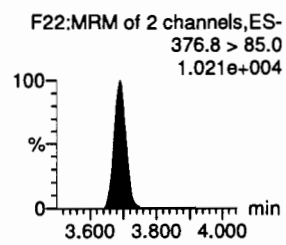

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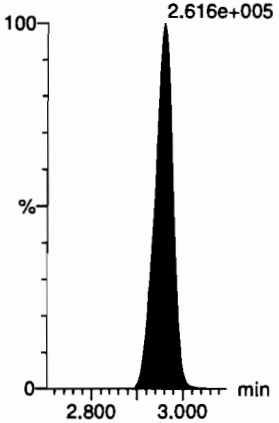

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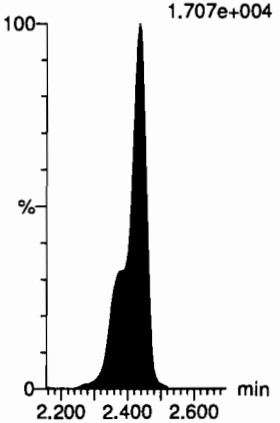

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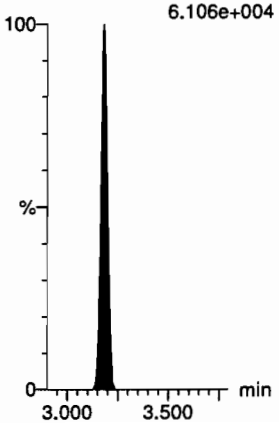
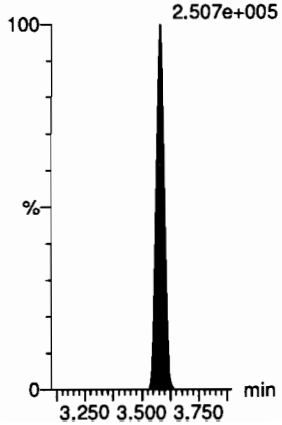


13C4-PFHpA-EIS



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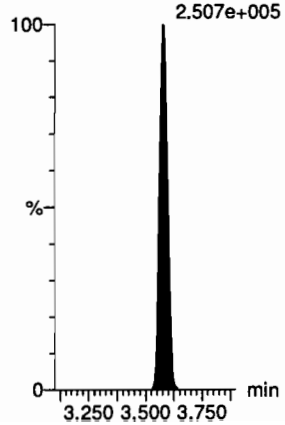

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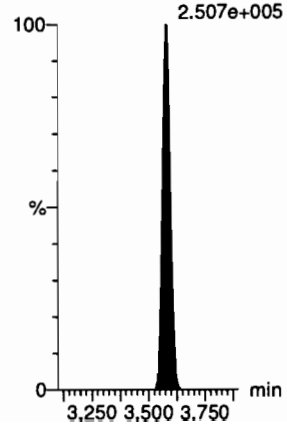

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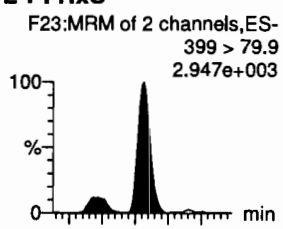
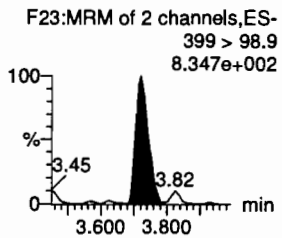
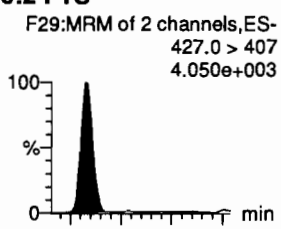
Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

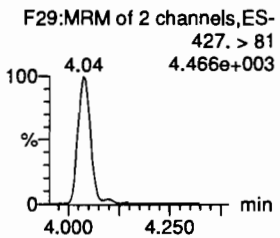
L-PFHxS



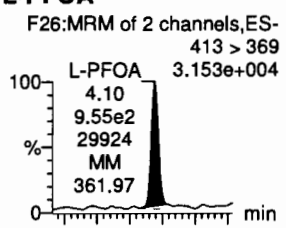


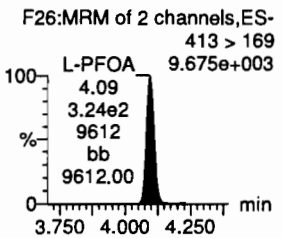
6:2 FTS





L-PFOA





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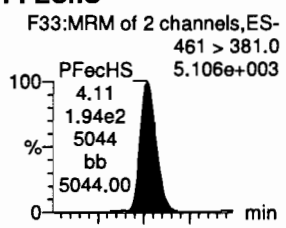

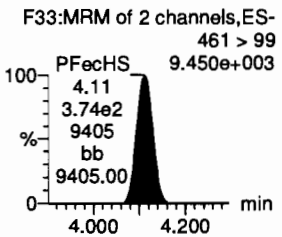

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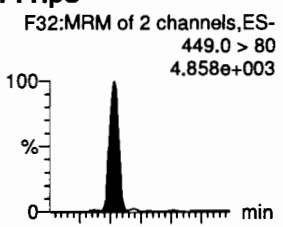
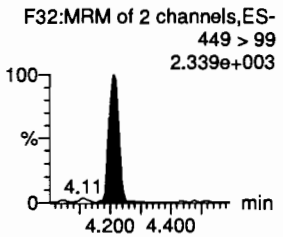
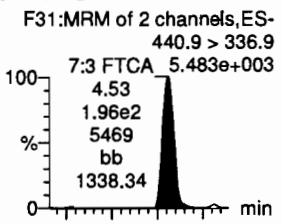
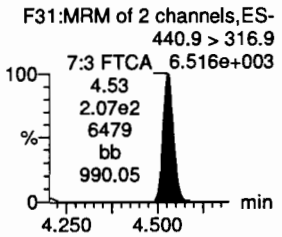


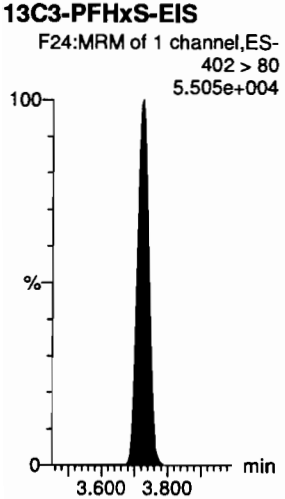


7:3 FTCA

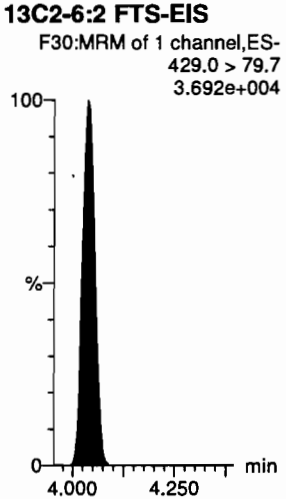




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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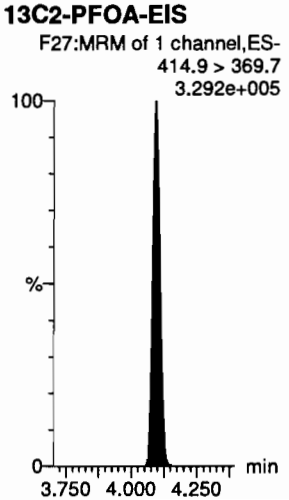

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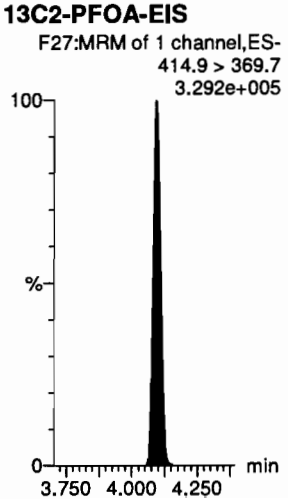
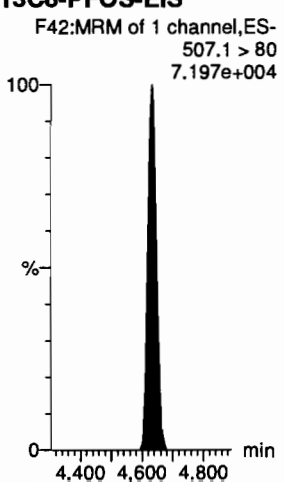


13C8-PFOS-EIS



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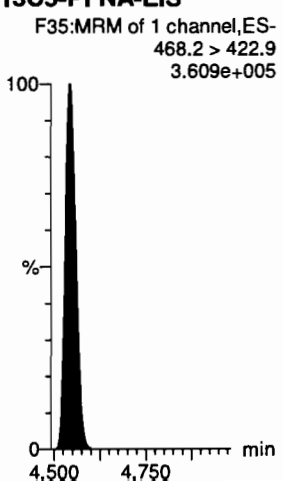

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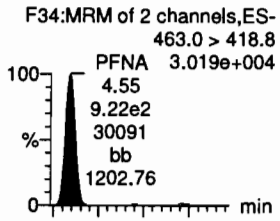
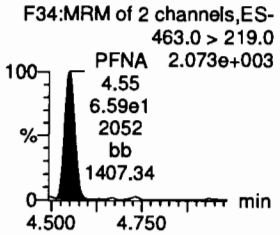
PFNA





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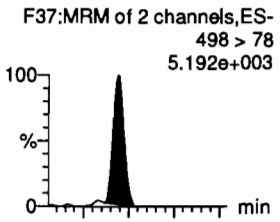
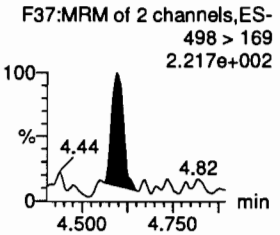
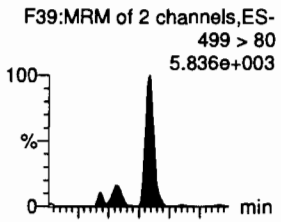
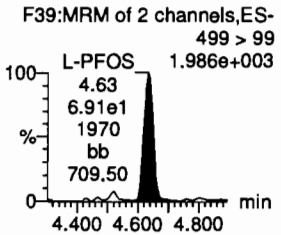


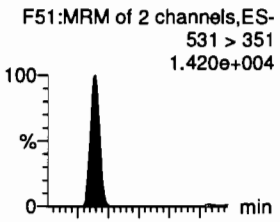


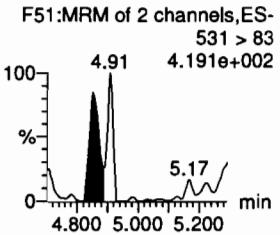
L-PFOS





9Cl-PF30NS





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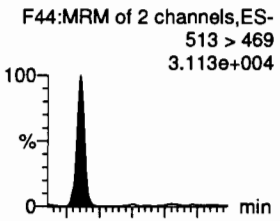
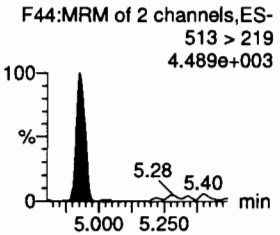
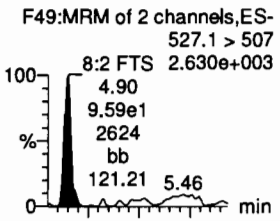
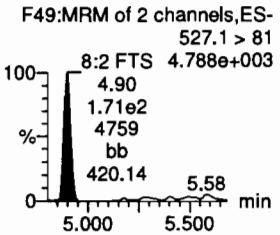


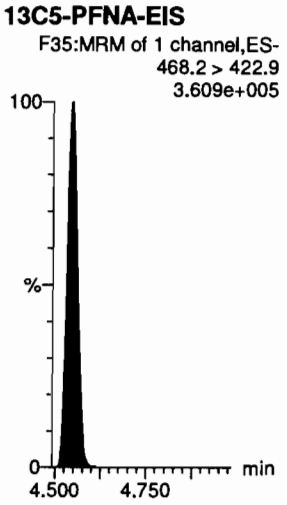


8:2 FTS

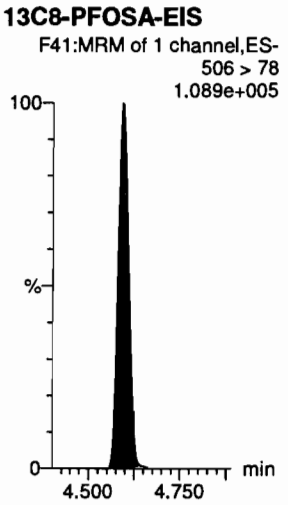




13C5-PFNA-EIS



13C8-PFOSA-EIS



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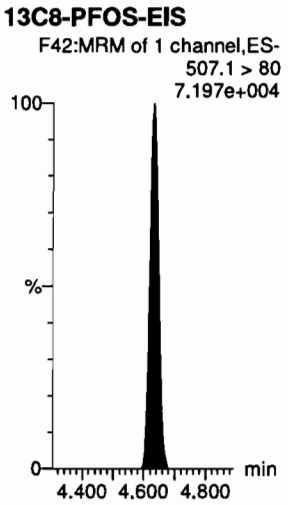

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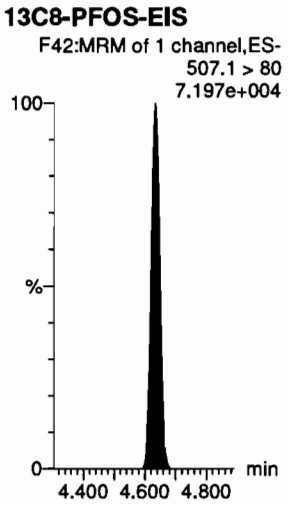

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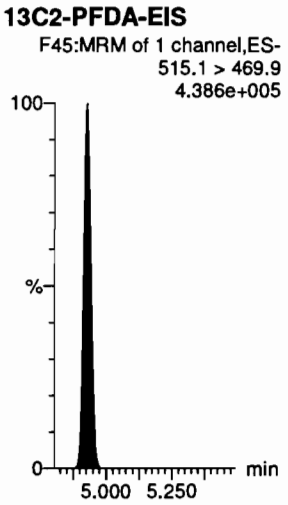
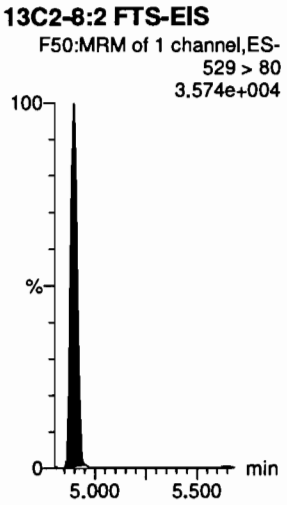


13C2-8:2 FTS-EIS

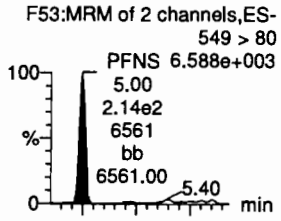


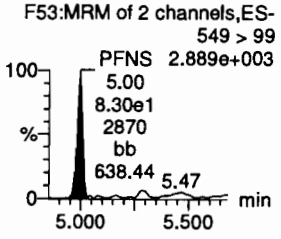
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

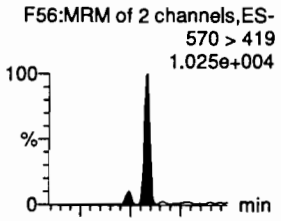
Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

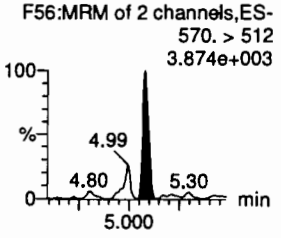
PFNS



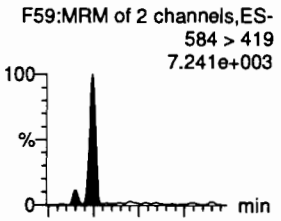


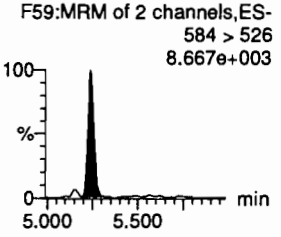
L-MeFOSAA





L-EtFOSAA





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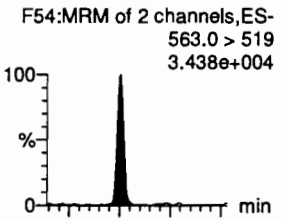

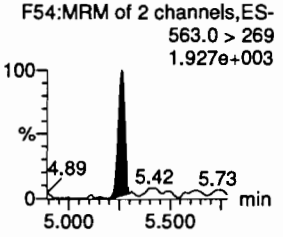

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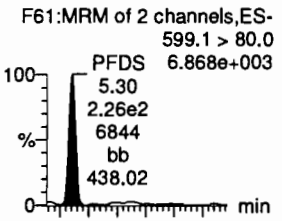
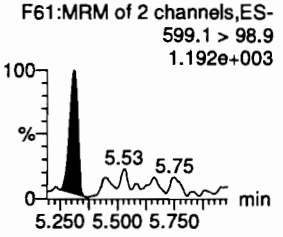
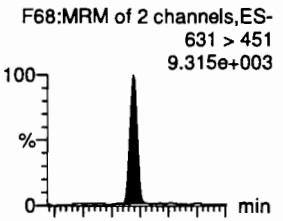
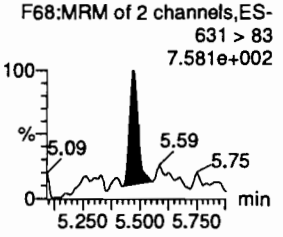


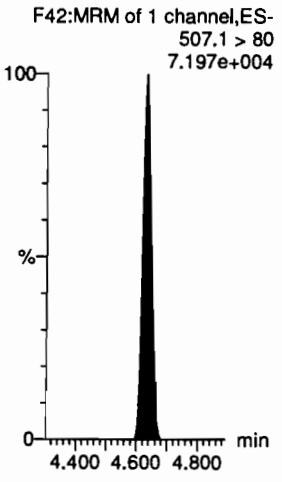


11Cl-PF30UdS

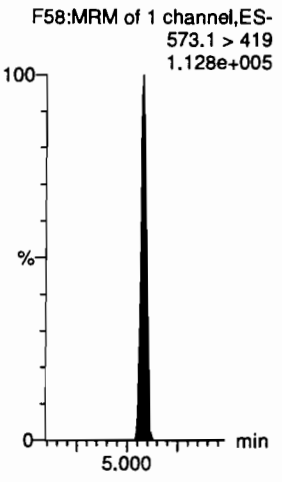




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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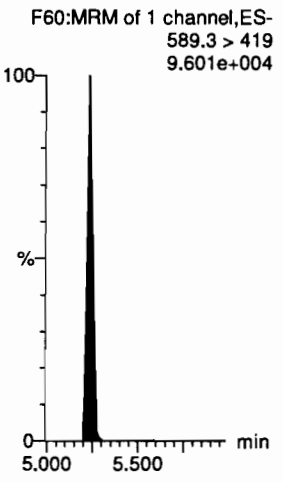

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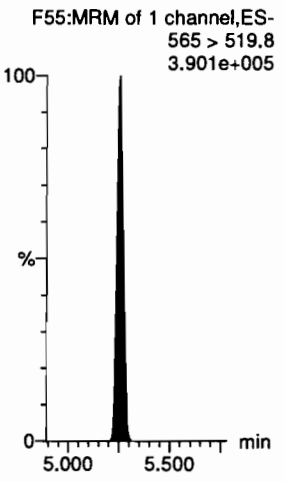
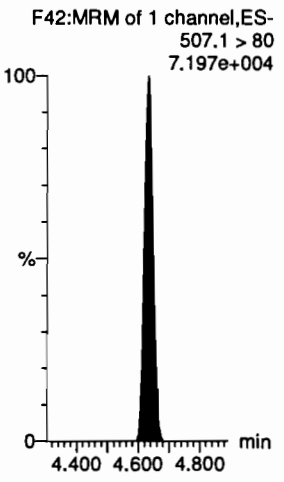
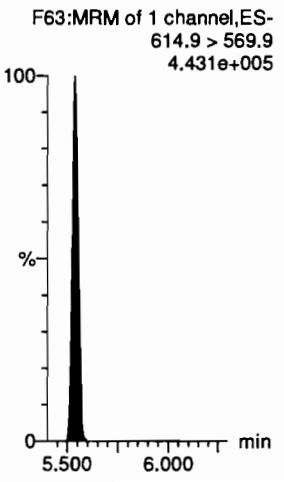


13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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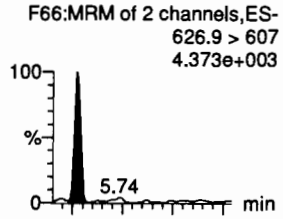
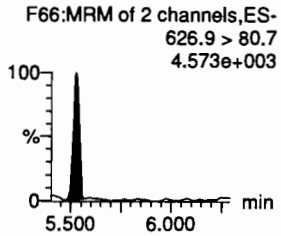
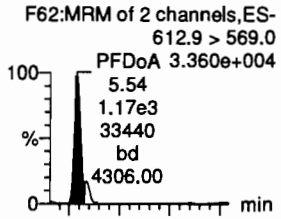
Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

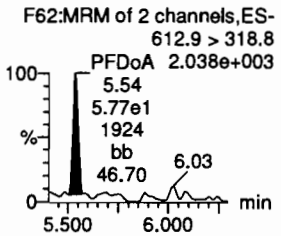
10:2 FTS



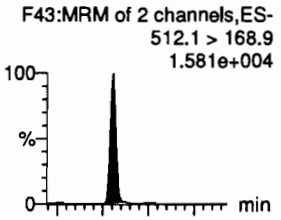


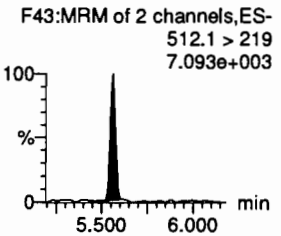
PFDoA





N-MeFOSA





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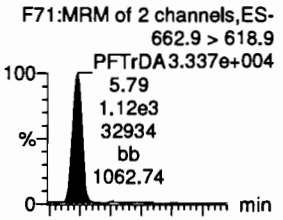

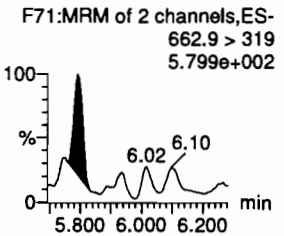

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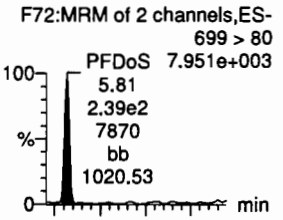

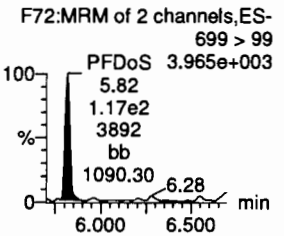

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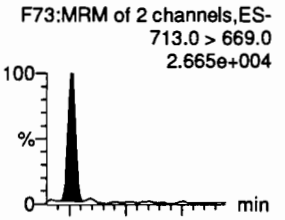
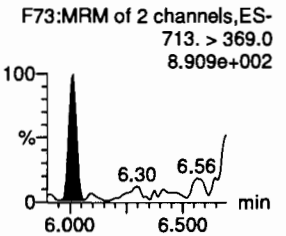
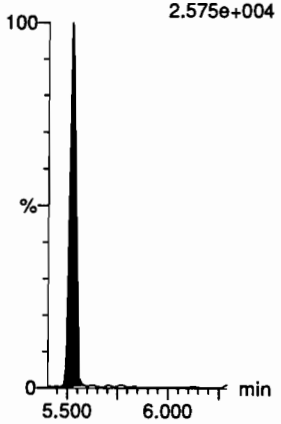
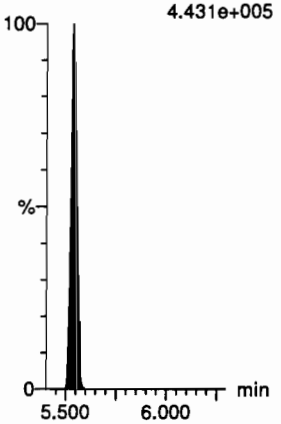




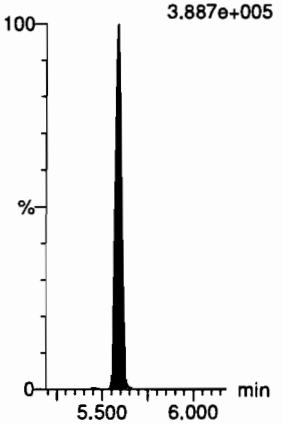
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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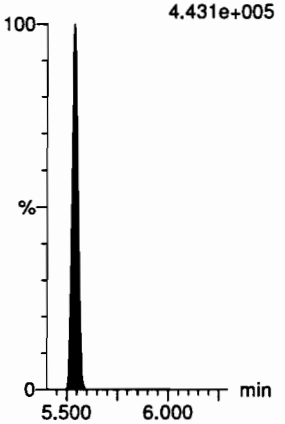
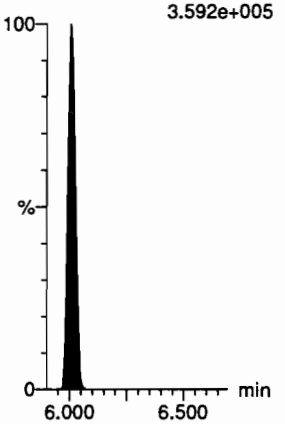


13C2-PFTeDA-EIS



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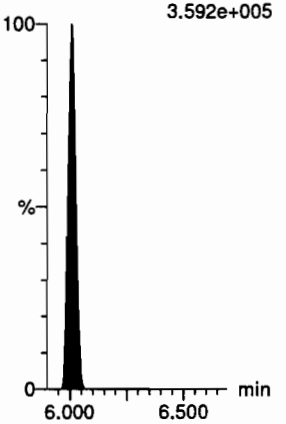

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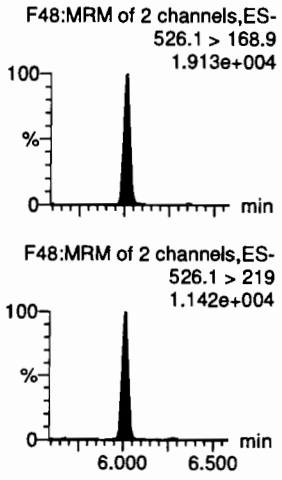
Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

N-EtFOSA



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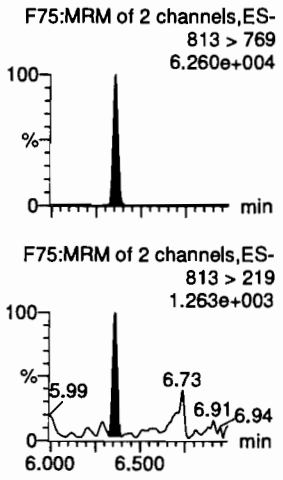

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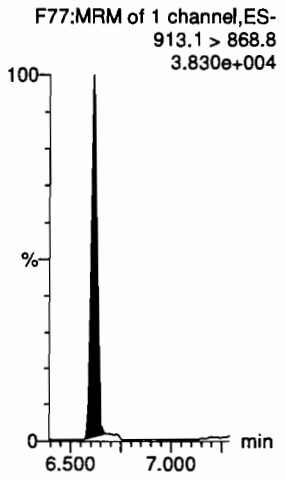
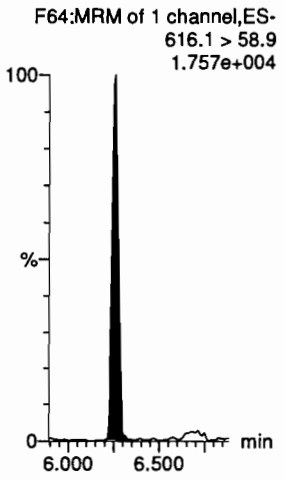
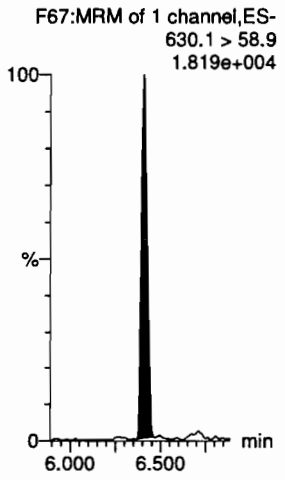


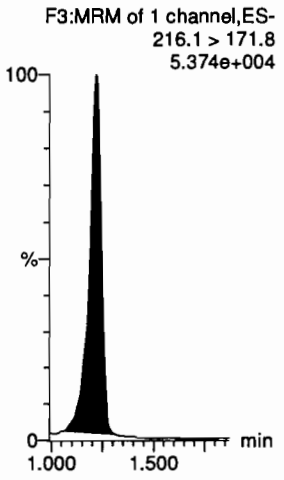
N-MeFOSE



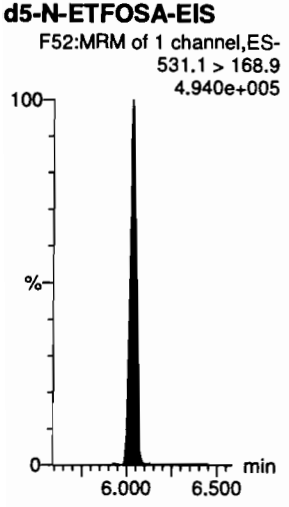
N-EtFOSE



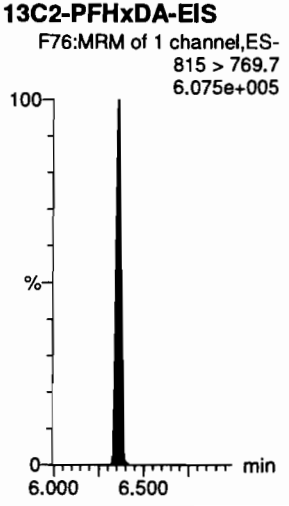
13C3-PFBA-RSD



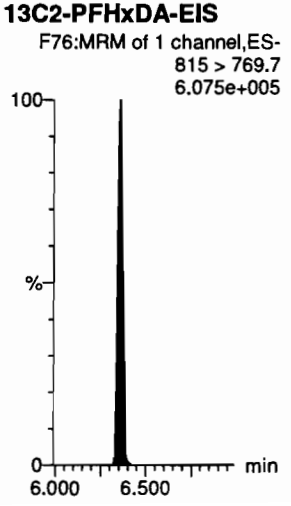
d5-N-ETFOSA-EIS



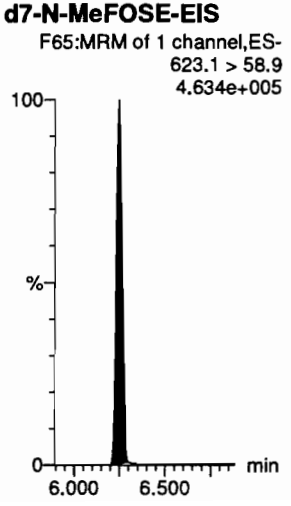
13C2-PFHxDA-EIS



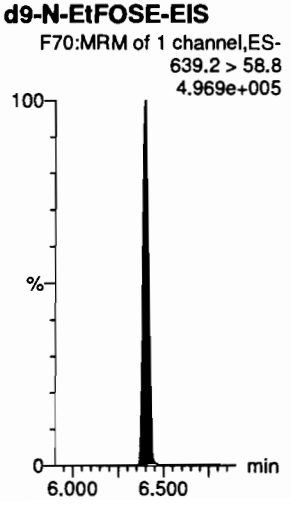
13C2-PFHxDA-EIS



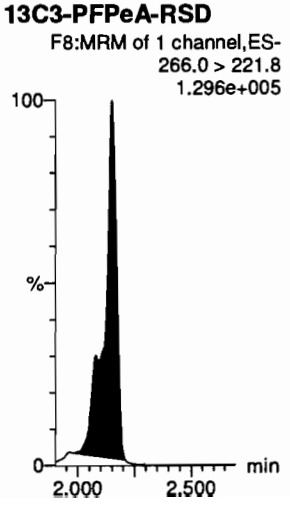
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

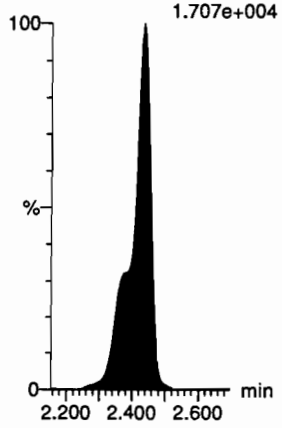


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

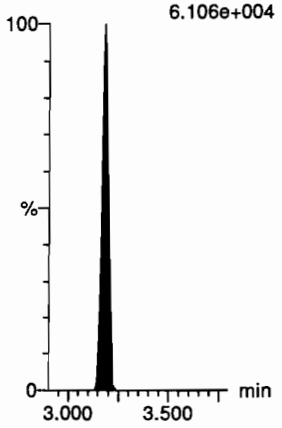
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

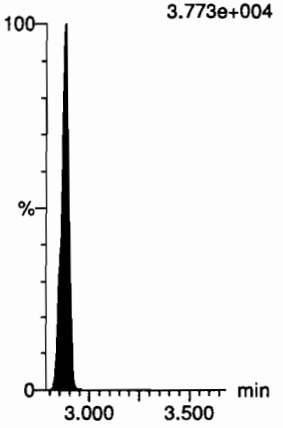
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.707e+004



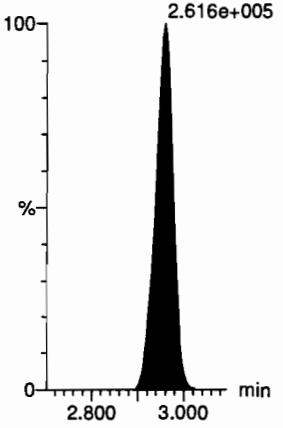
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.106e+004



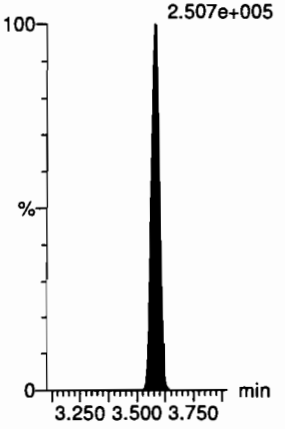
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.773e+004



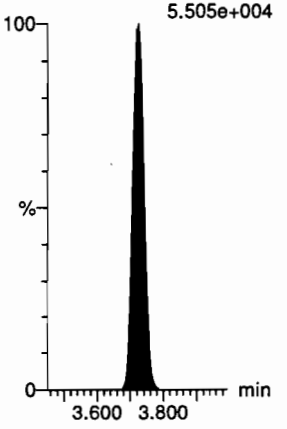
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.616e+005



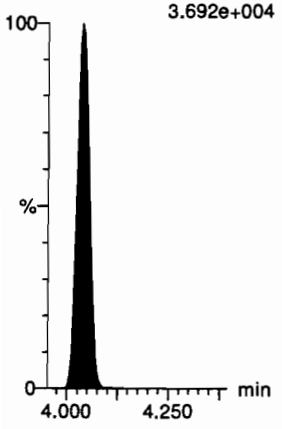
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.507e+005



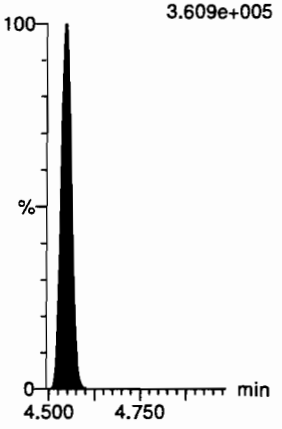
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.505e+004



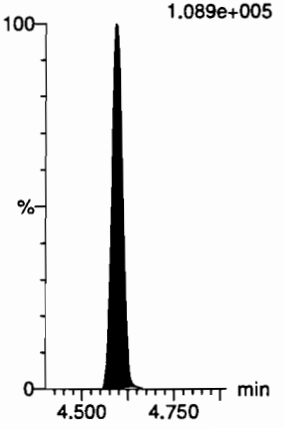
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.692e+004



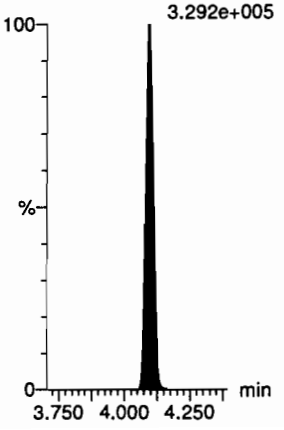
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.609e+005



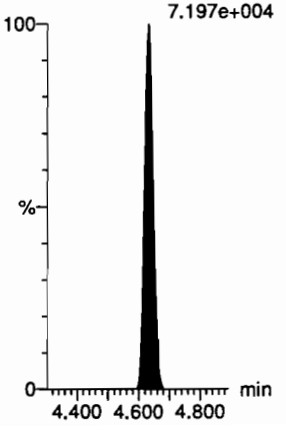
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.089e+005



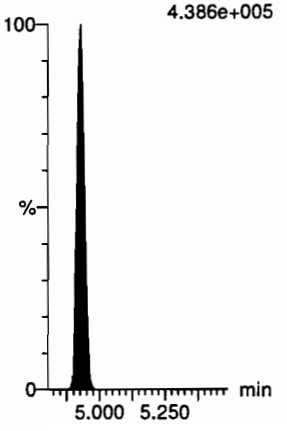
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.292e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.197e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.386e+005

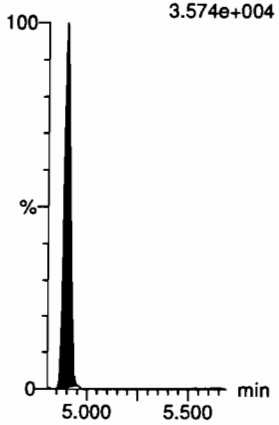


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

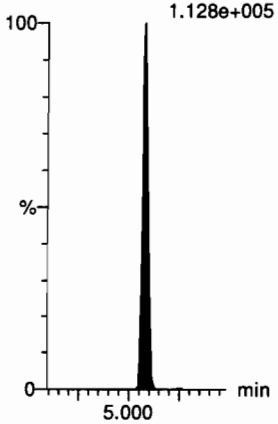
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

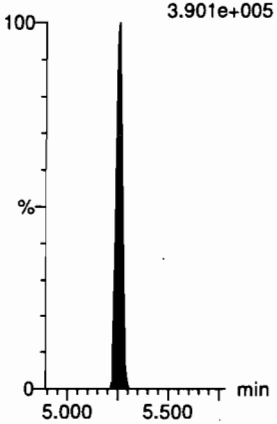
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.574e+004



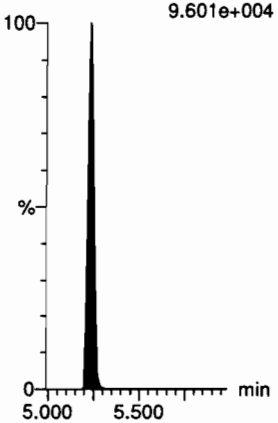
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.128e+005



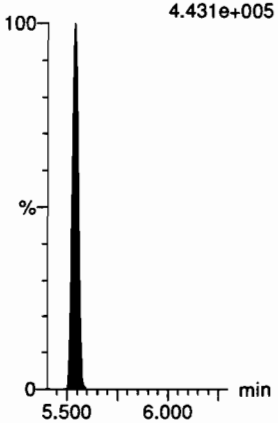
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.901e+005



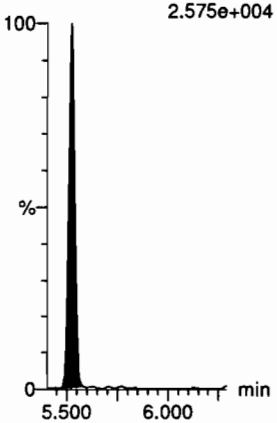
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.601e+004



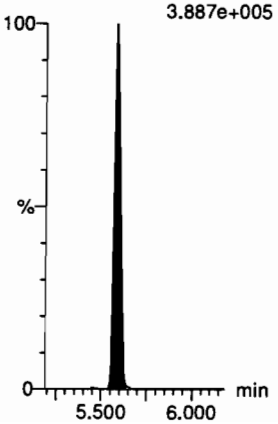
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.431e+005



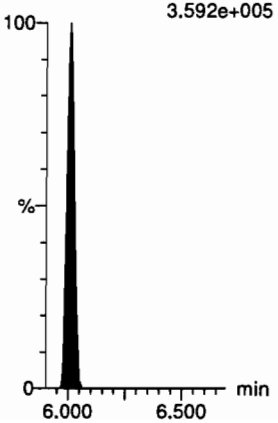
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.575e+004



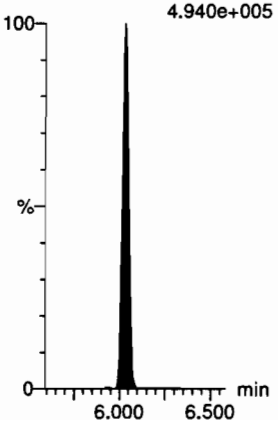
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.887e+005



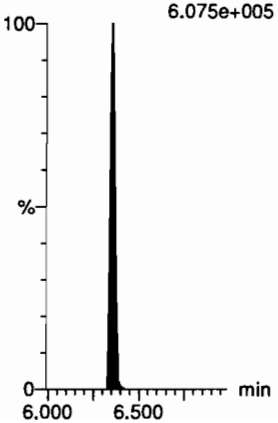
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.592e+005



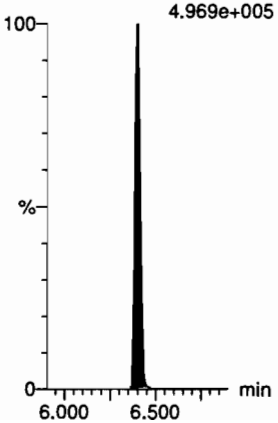
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.940e+005



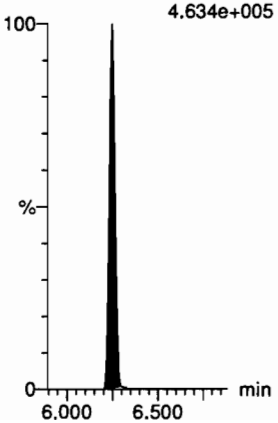
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.075e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.969e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.634e+005



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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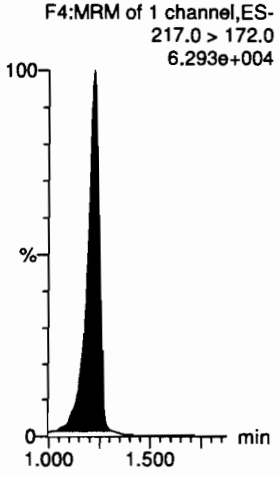
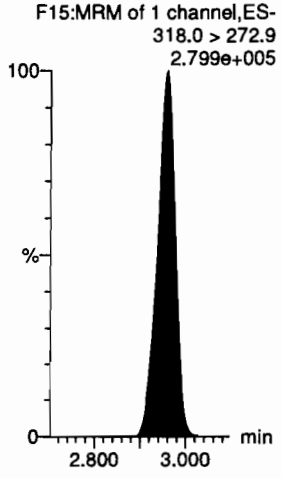
Name: 200527P1-7, Date: 27-May-2020, Time: 13:13:17, ID: ST200527P1-3 PFC CS0 20E0507, Description: PFC CS0 20E0507

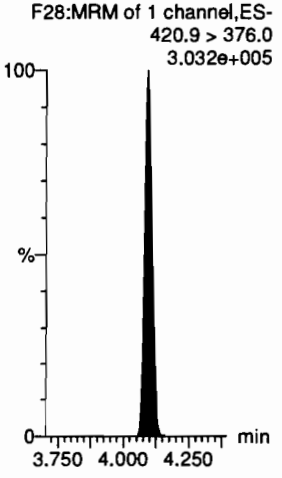
13C4-PFBA



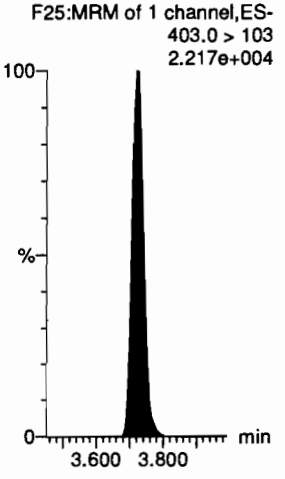
13C5-PFHxA



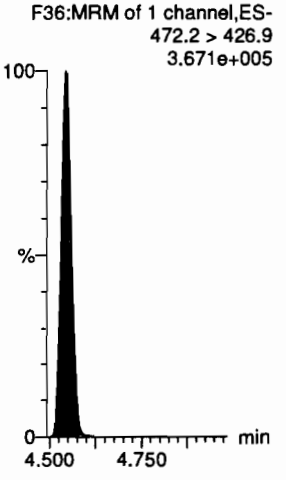
13C8-PFOA



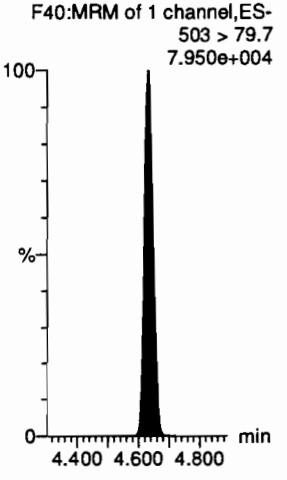
18O2-PFHxS



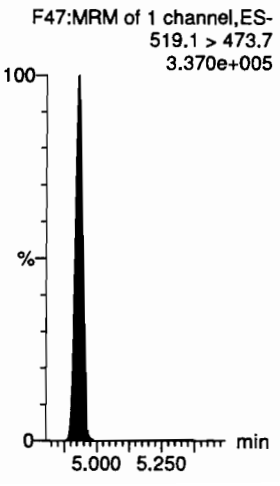
13C9-PFNA



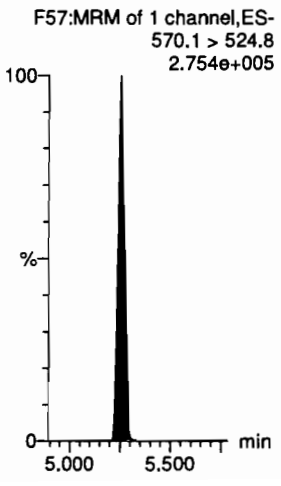
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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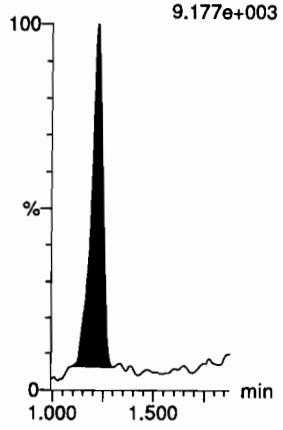
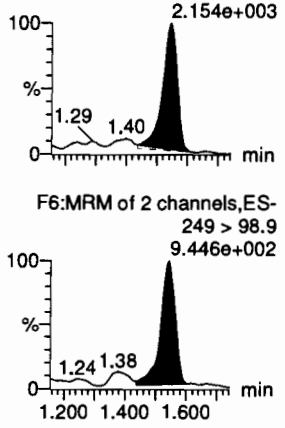
Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

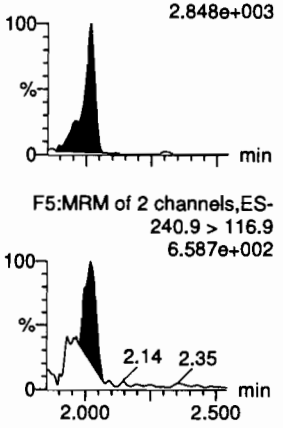
PFBA



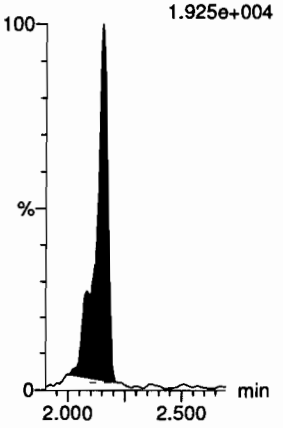
PFPrS



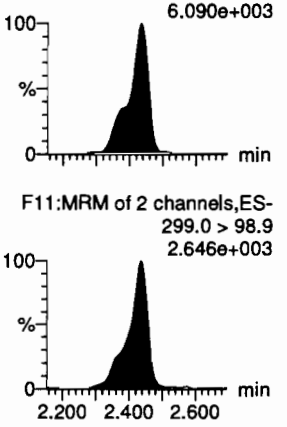
3:3 FTCA



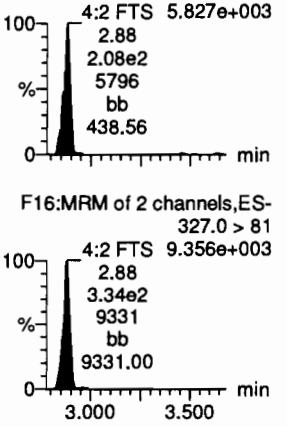
PFPeA



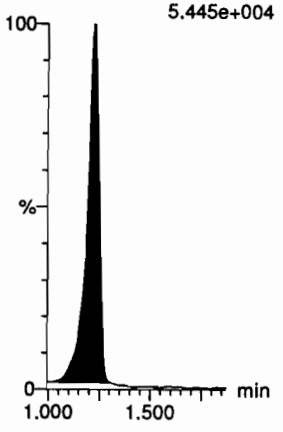
PFBS



4:2 FTS



13C3-PFBA-EIS



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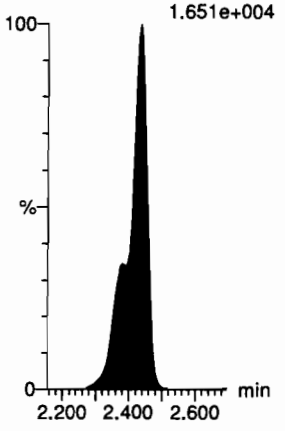

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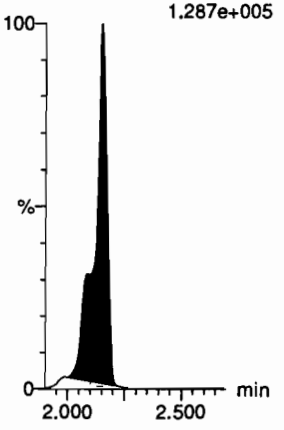

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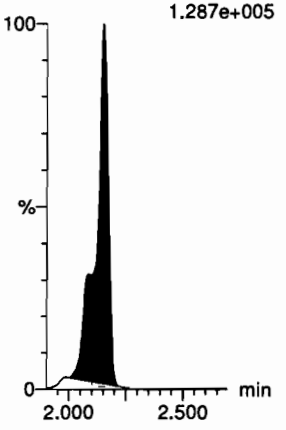

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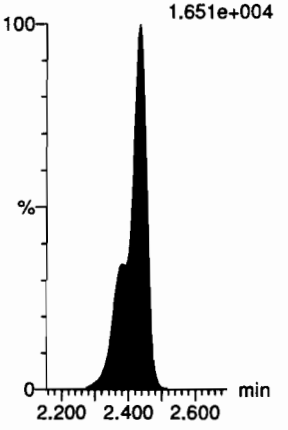

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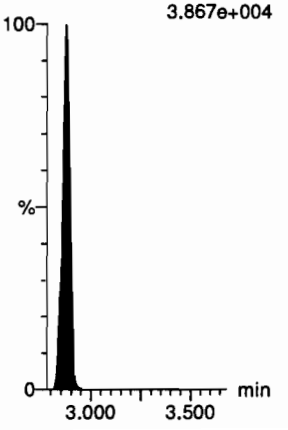

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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

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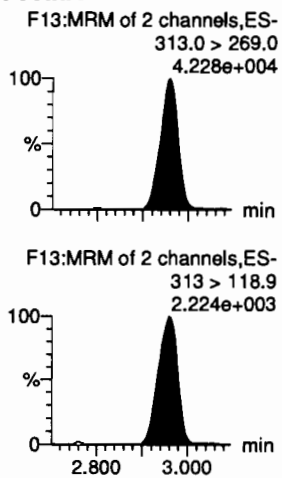

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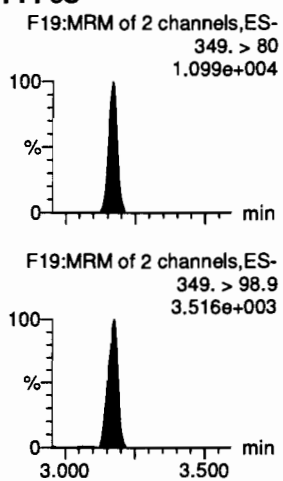

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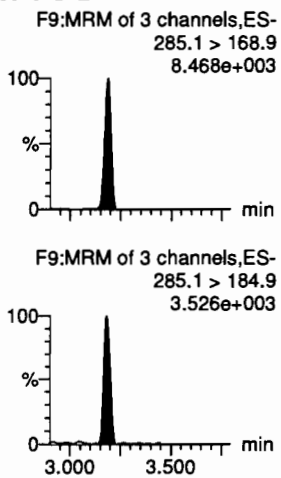
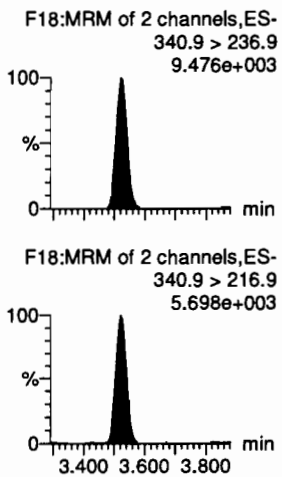


5:3 FTCA



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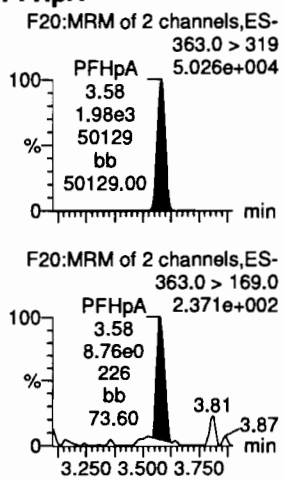

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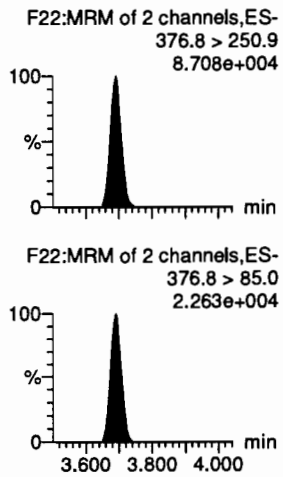

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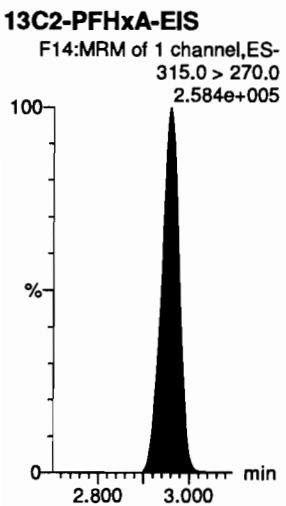

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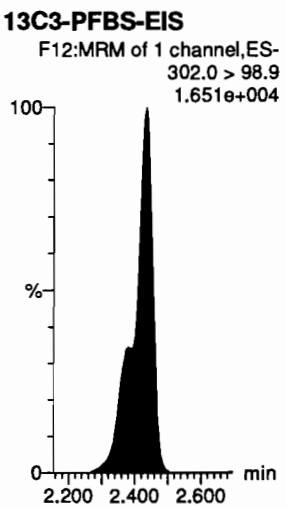

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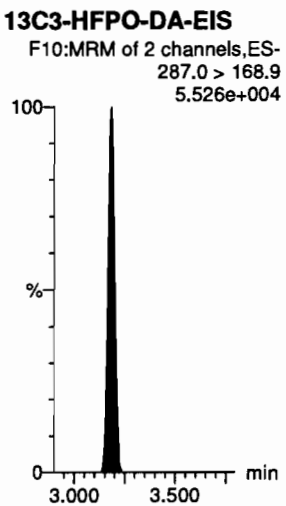
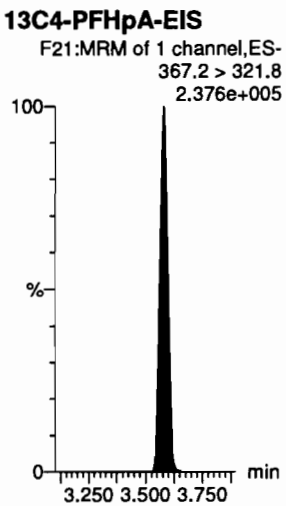


13C4-PFHpA-EIS



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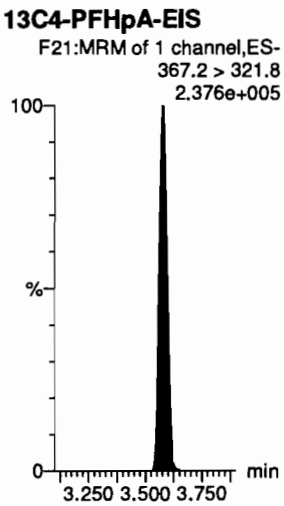

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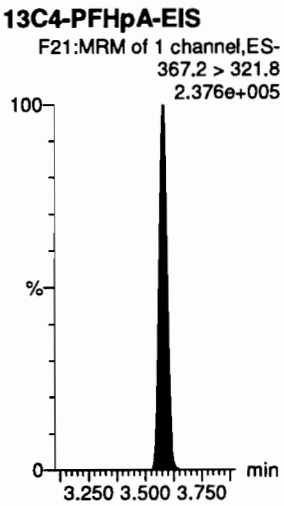

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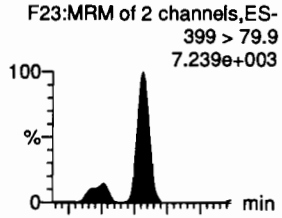
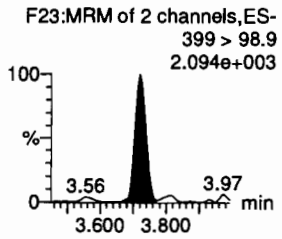
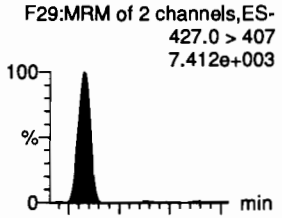
Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

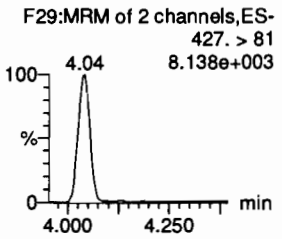
L-PFHxS





6:2 FTS





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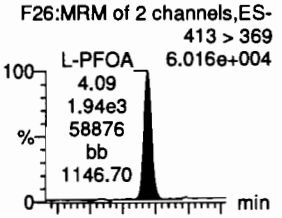

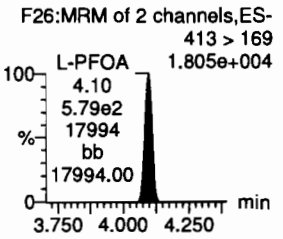

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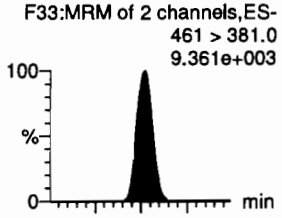

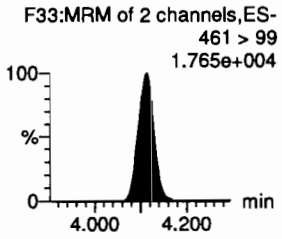

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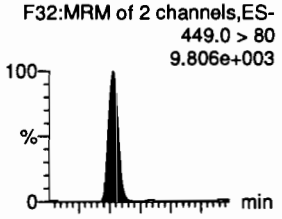
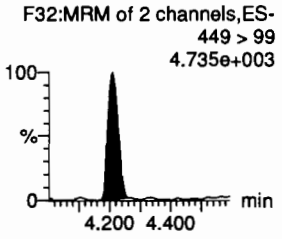
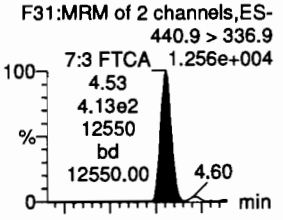
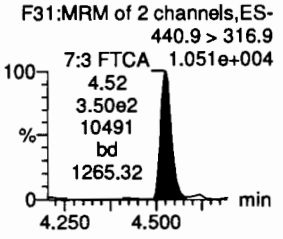




7:3 FTCA





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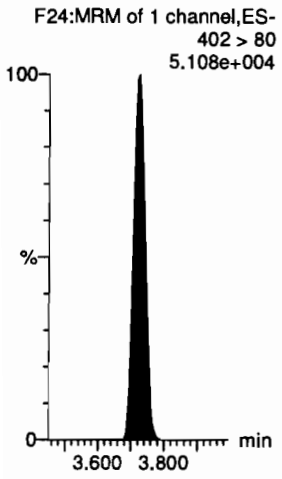
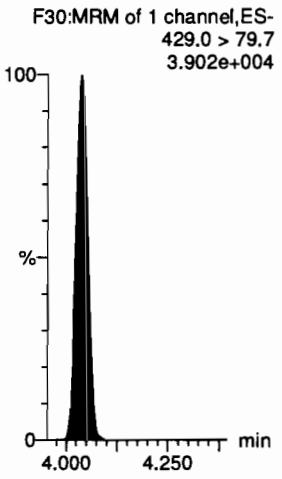
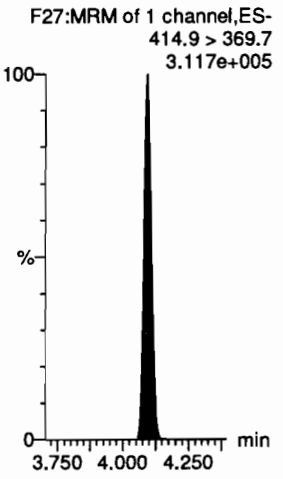


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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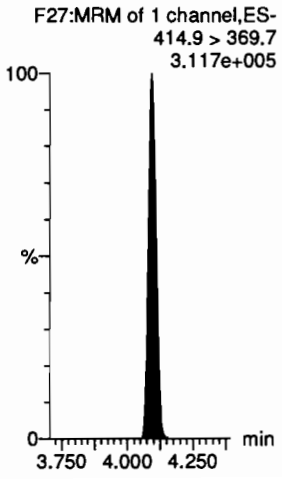
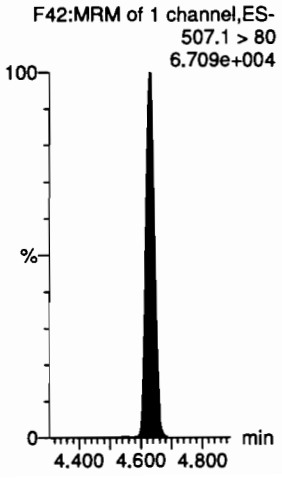
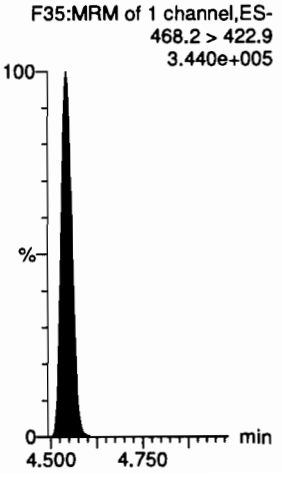


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

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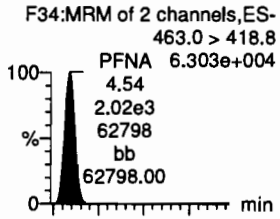

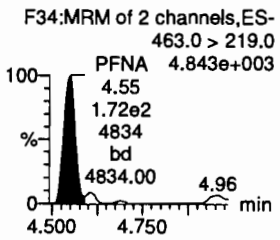

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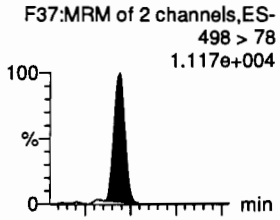
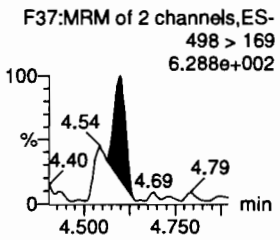
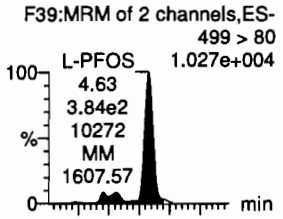
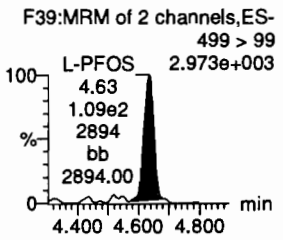




L-PFOS





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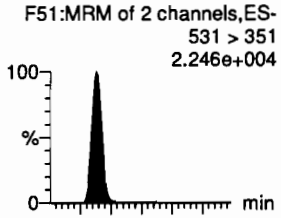

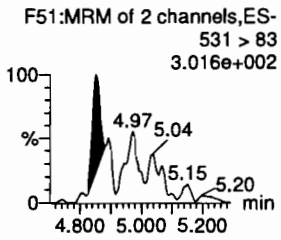

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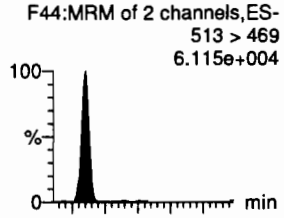
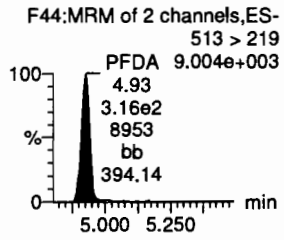
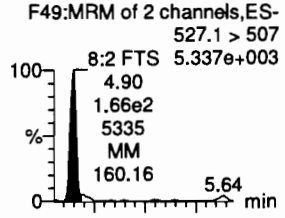
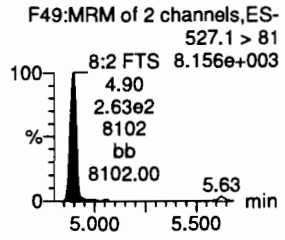


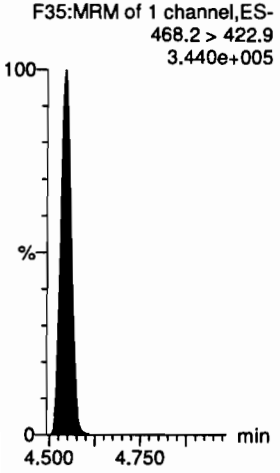


8:2 FTS

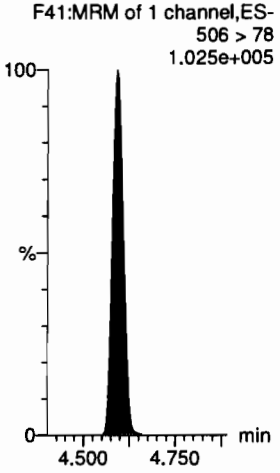




13C5-PFNA-EIS



13C8-PFOSA-EIS



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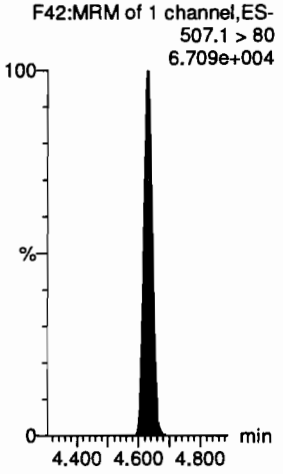

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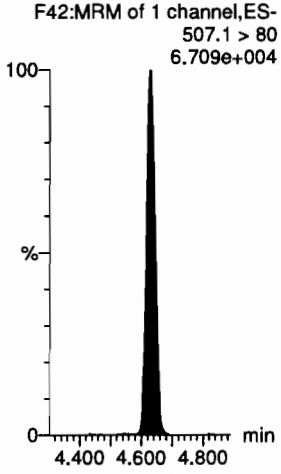
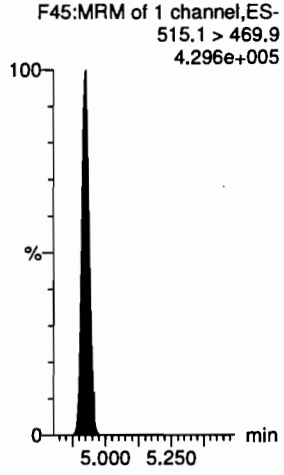
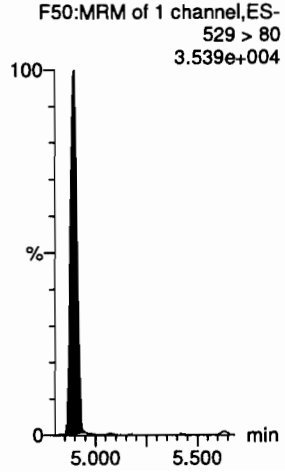


13C2-PFDA-EIS



13C2-8:2 FTS-EIS

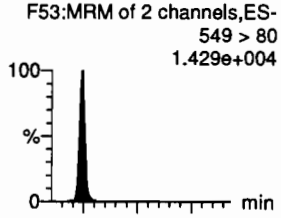


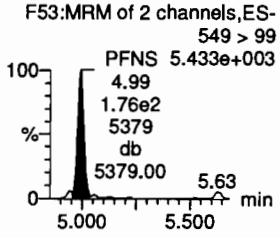
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

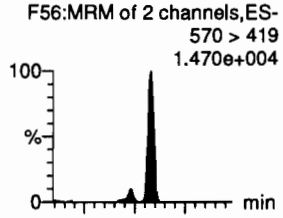
Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

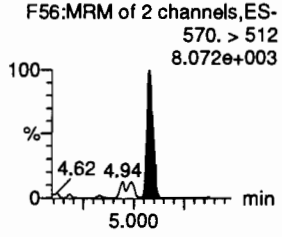
PFNS





L-MeFOSAA





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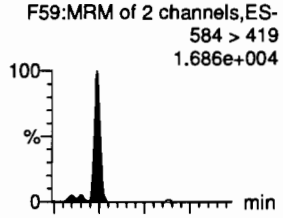
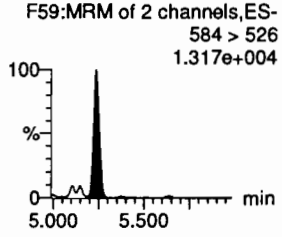
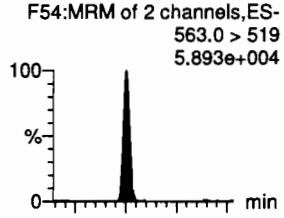
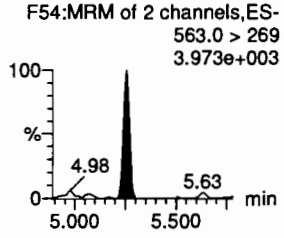


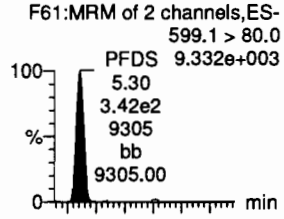


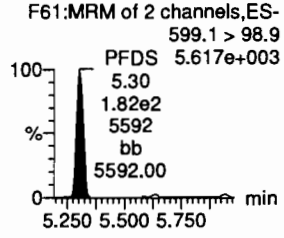
PFUdA



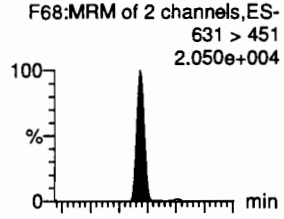


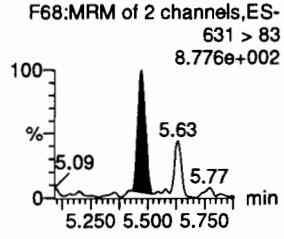
PFDS



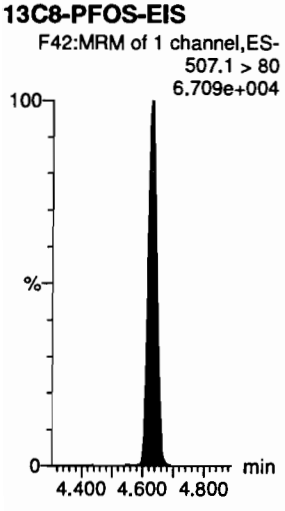


11Cl-PF30UdS

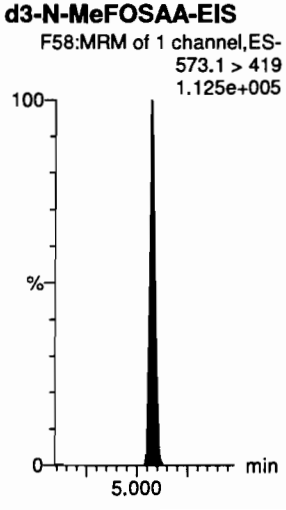




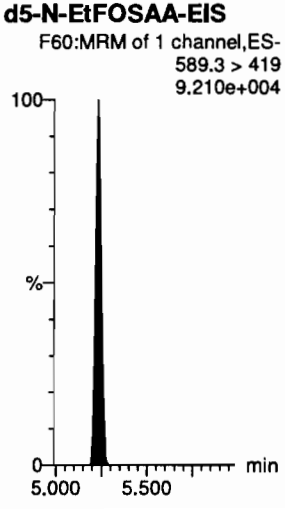
13C8-PFOS-EIS



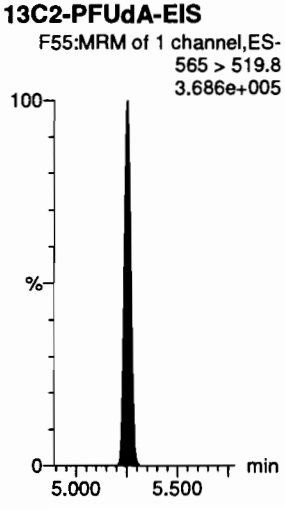
d3-N-MeFOSAA-EIS



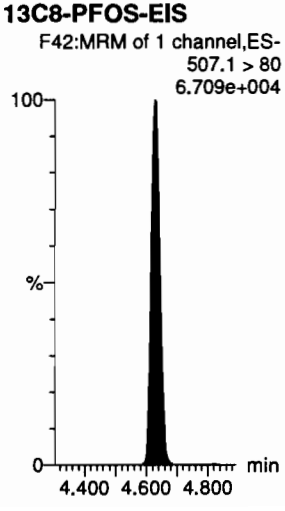
d5-N-EtFOSAA-EIS



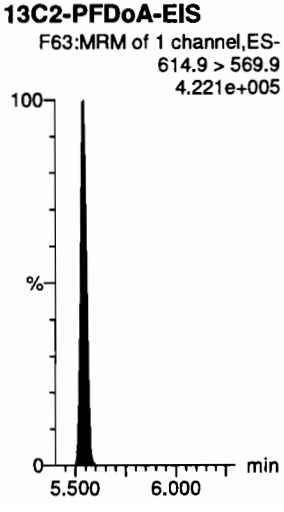
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

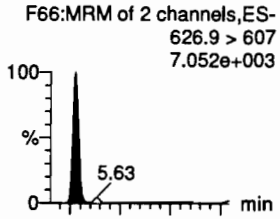


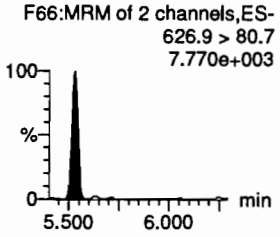
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

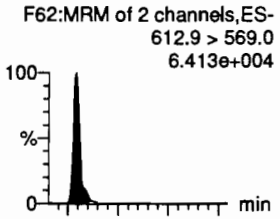
Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

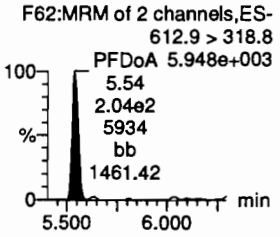
10:2 FTS



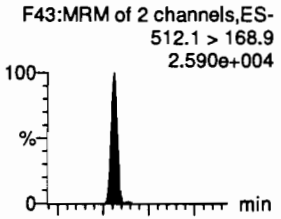


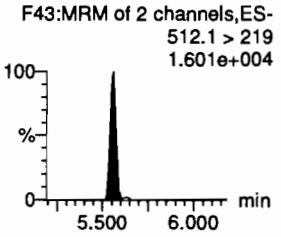
PFDoA





N-MeFOSA





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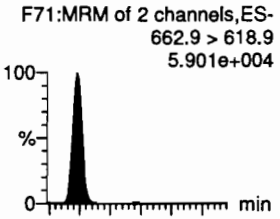
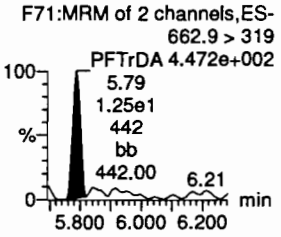
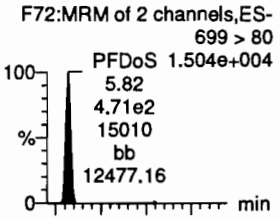
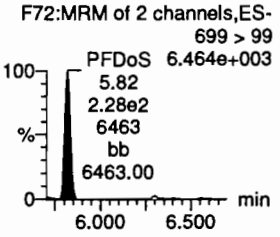




PFDoS





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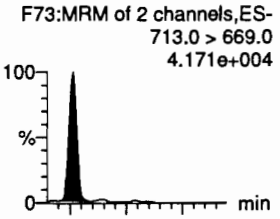
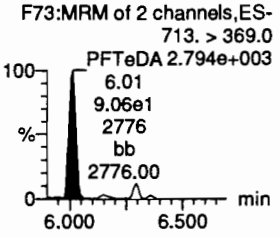
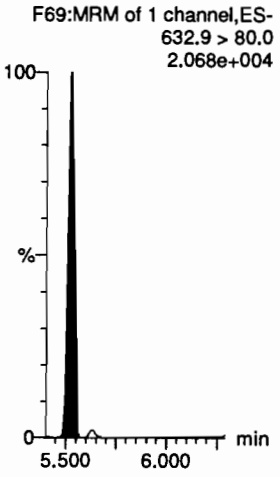
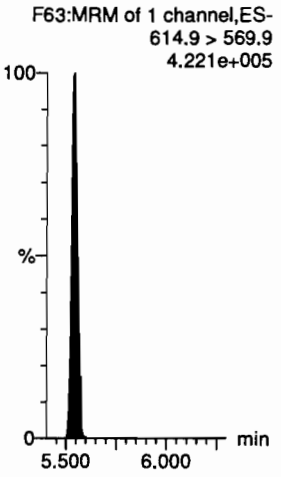




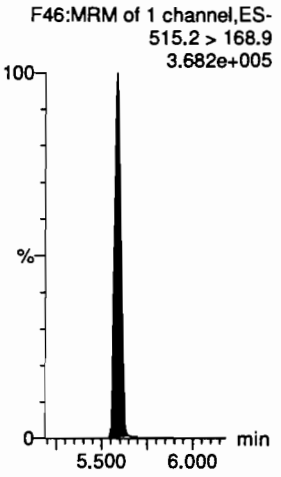
13C2-10:2 FTS-EIS



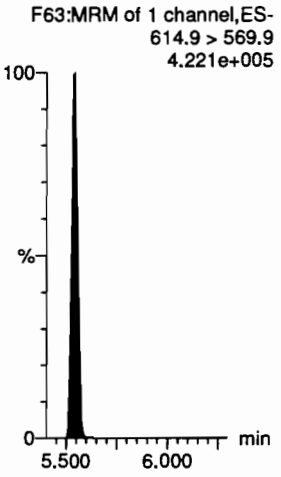
13C2-PFDoA-EIS



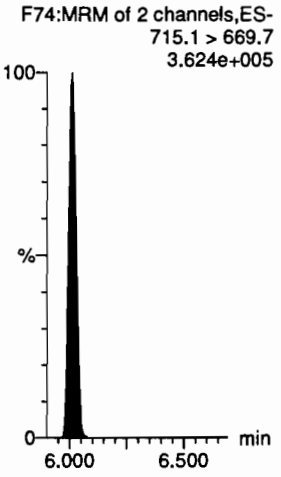
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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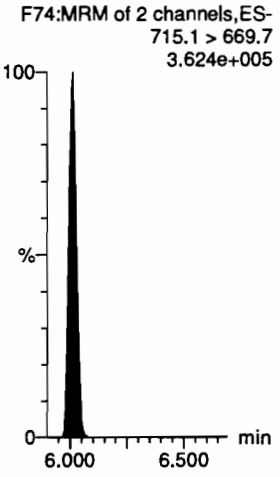

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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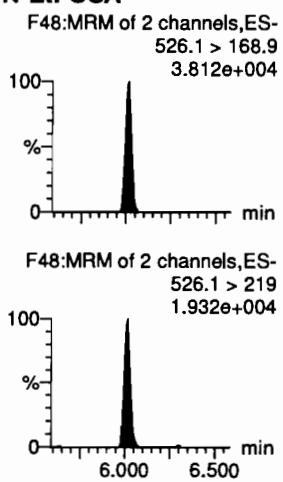
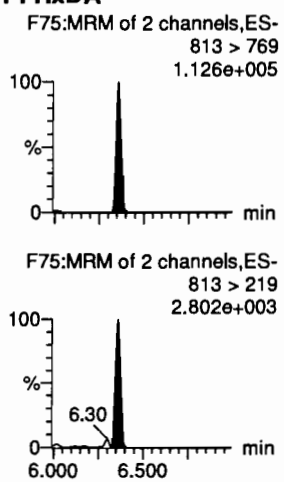
Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

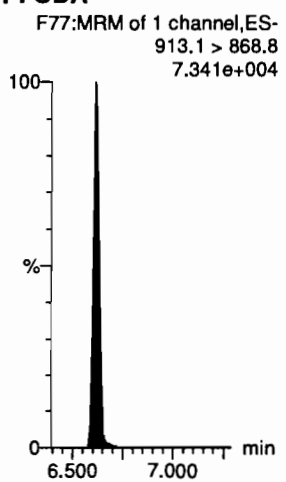
N-EtFOSA



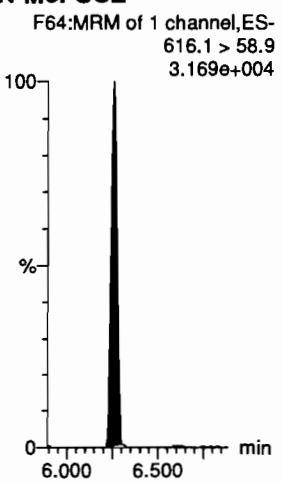
PFHxDA



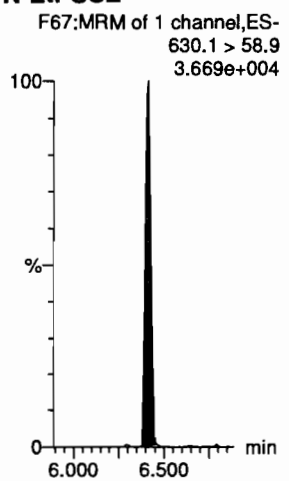
PFODA



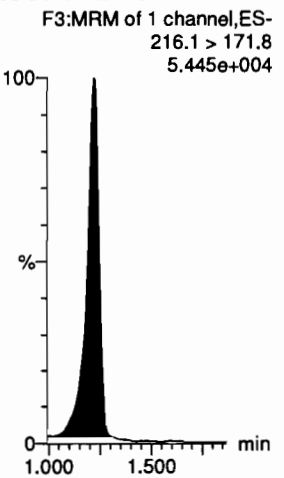
N-MeFOSE



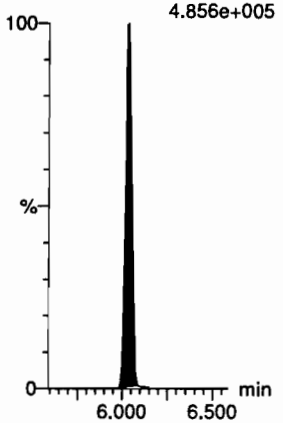
N-EtFOSE



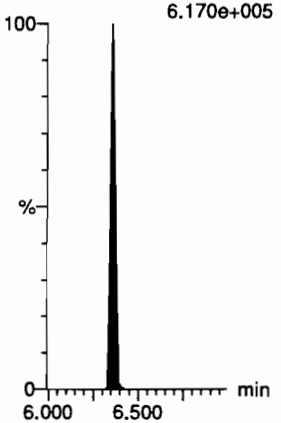
13C3-PFBA-RSD



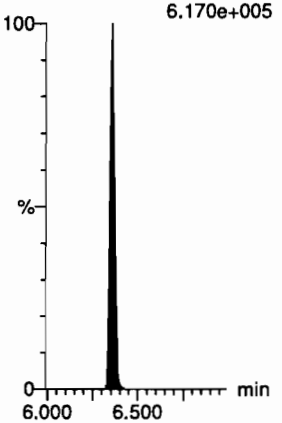
d5-N-ETFOSA-EIS



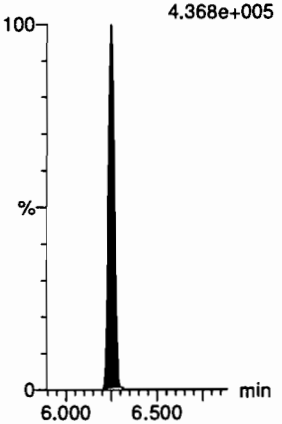
13C2-PFHxDA-EIS



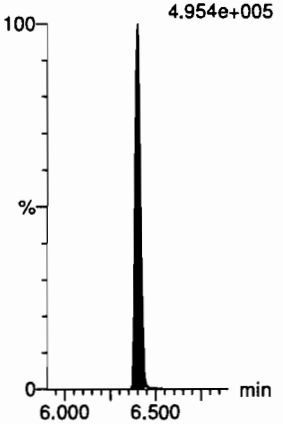
13C2-PFHxDA-EIS



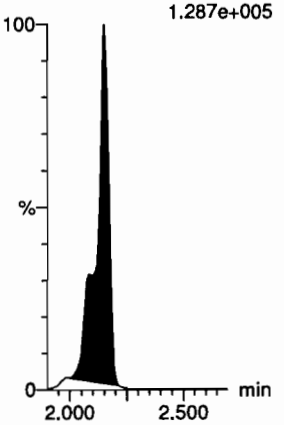
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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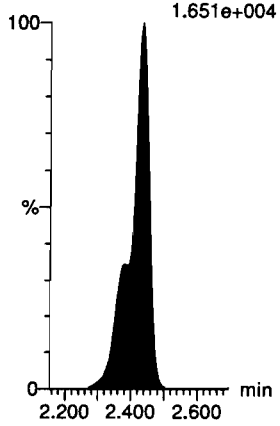
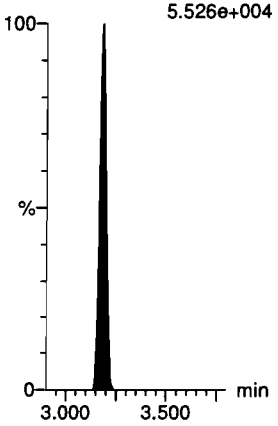
Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

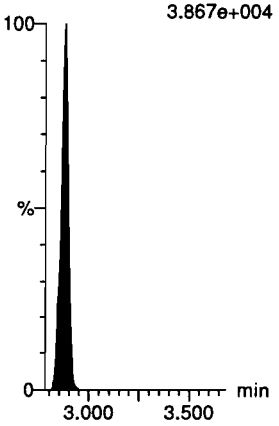
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.651e+004



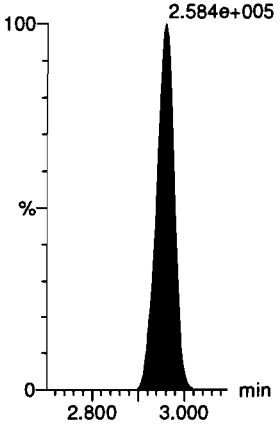
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.526e+004



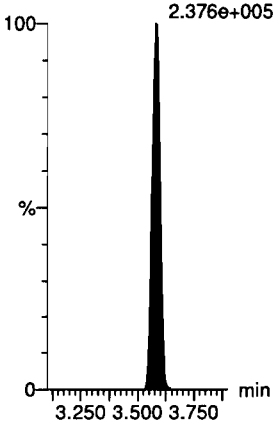
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.867e+004



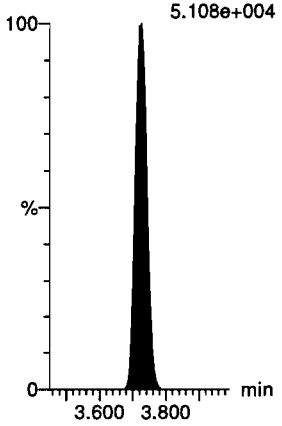
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.584e+005



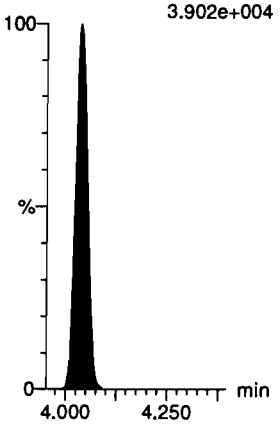
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.376e+005



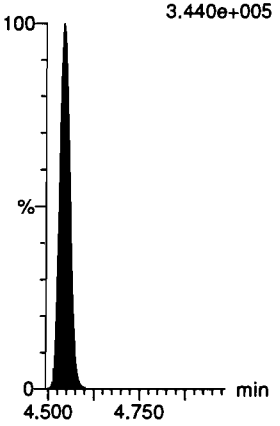
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.108e+004



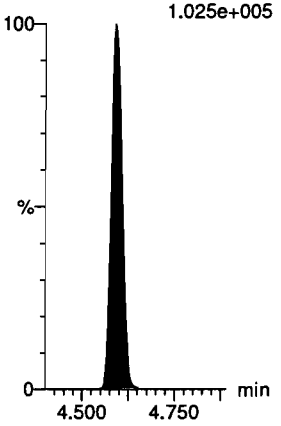
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.902e+004



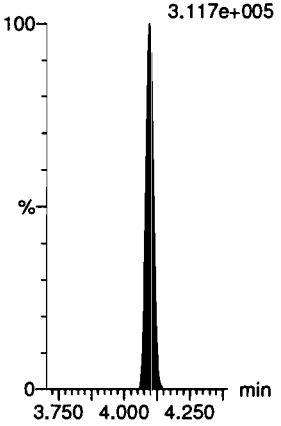
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.440e+005



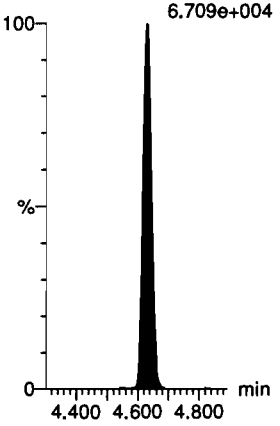
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.025e+005



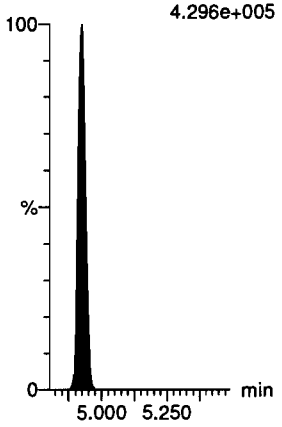
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.117e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.709e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.296e+005

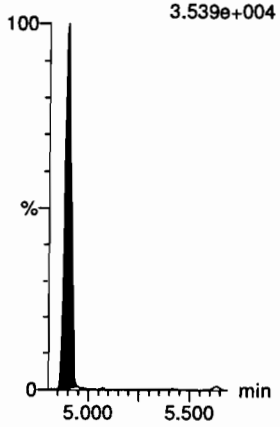


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

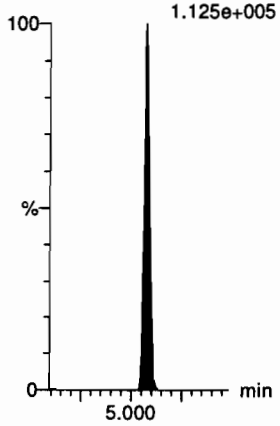
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

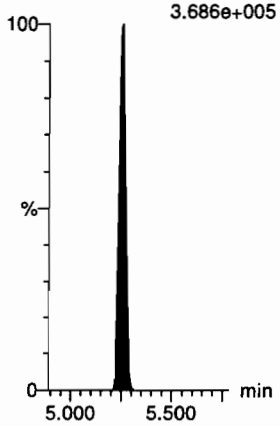
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.539e+004



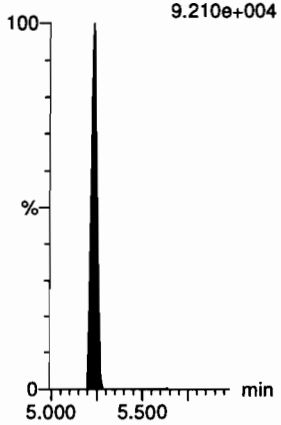
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.125e+005



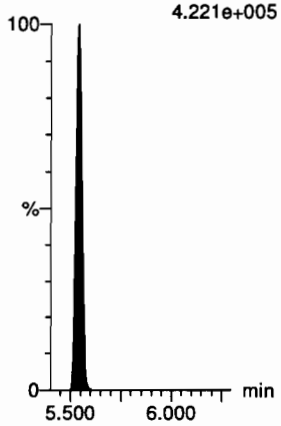
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.686e+005



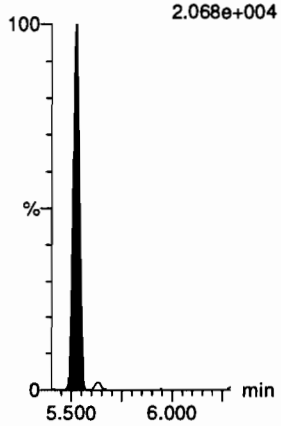
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.210e+004



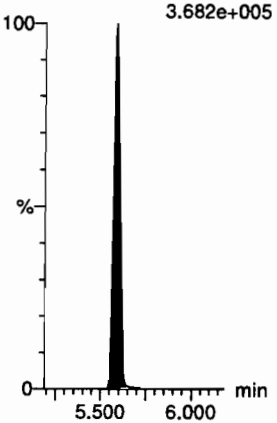
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.221e+005



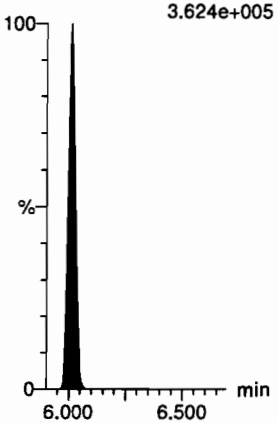
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.068e+004



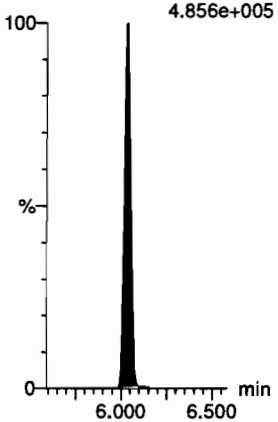
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.682e+005



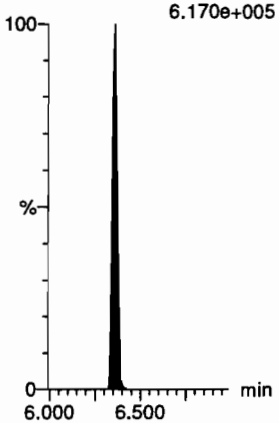
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.624e+005



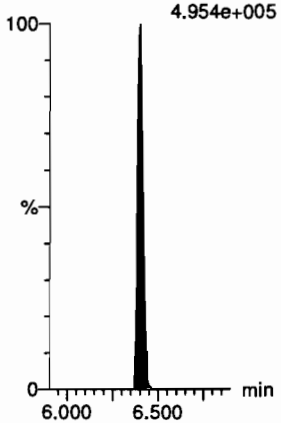
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.856e+005



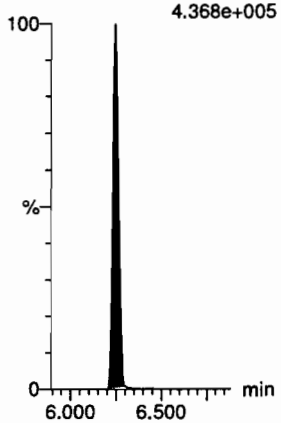
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
6.170e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.954e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.368e+005

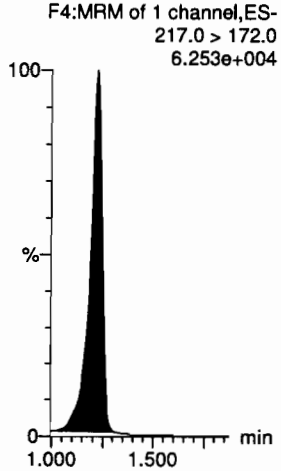


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

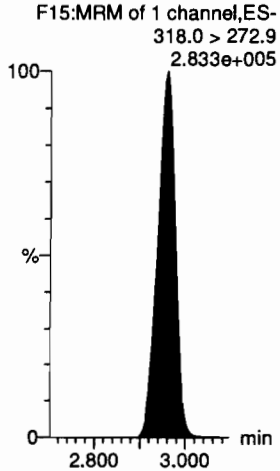
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-8, Date: 27-May-2020, Time: 13:23:45, ID: ST200527P1-4 PFC CS1 20E0508, Description: PFC CS1 20E0508

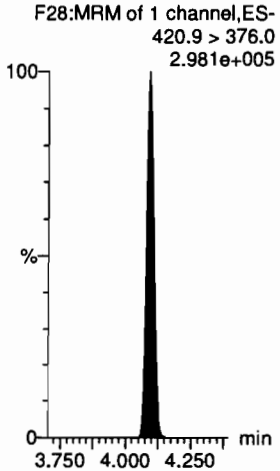
13C4-PFBA



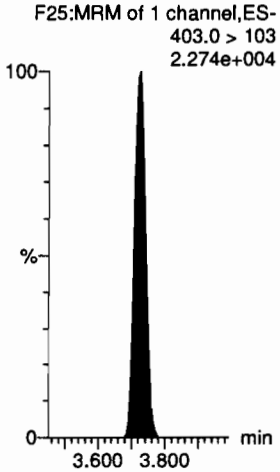
13C5-PFHxA



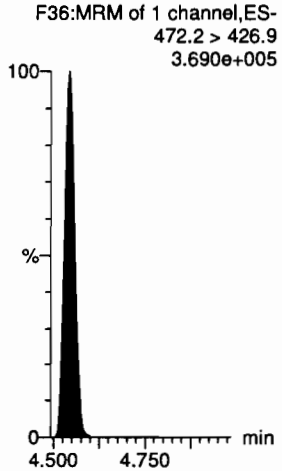
13C8-PFOA



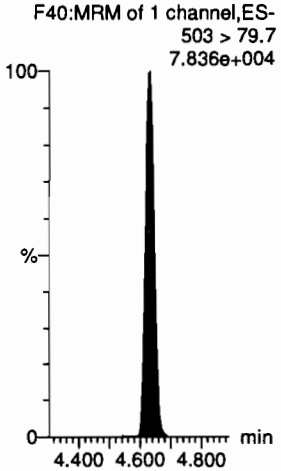
18O2-PFHxS



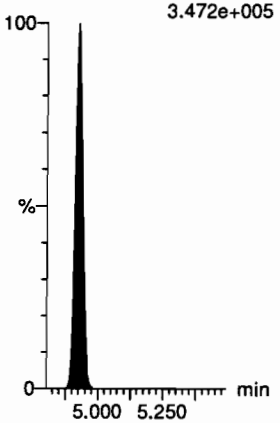
13C9-PFNA



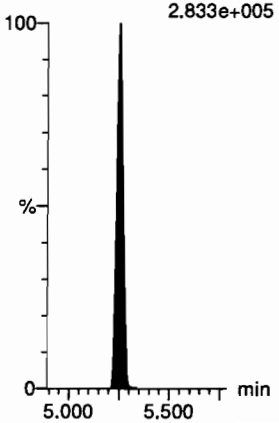
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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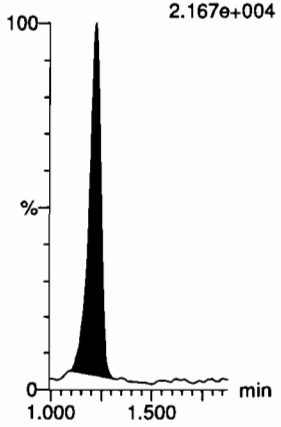
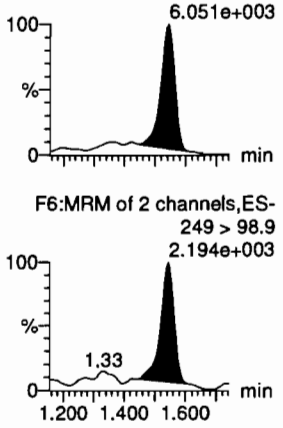
Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

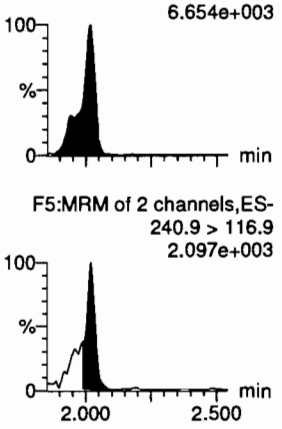
PFBA



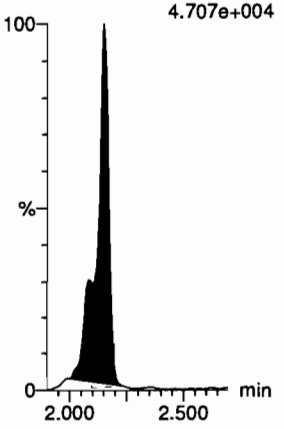
PFPrS



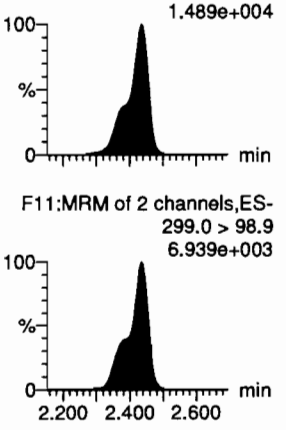
3:3 FTCA



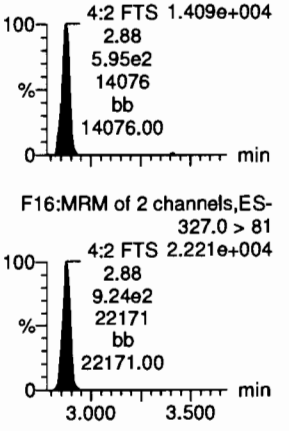
PFPeA



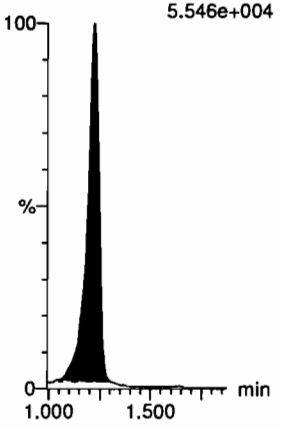
PFBS



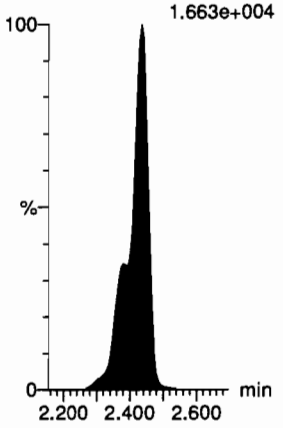
4:2 FTS



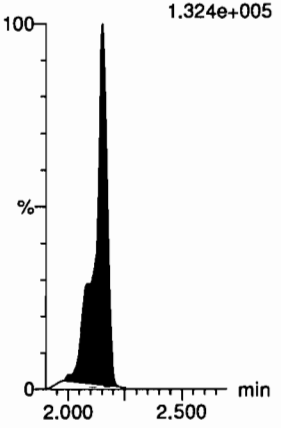
13C3-PFBA-EIS



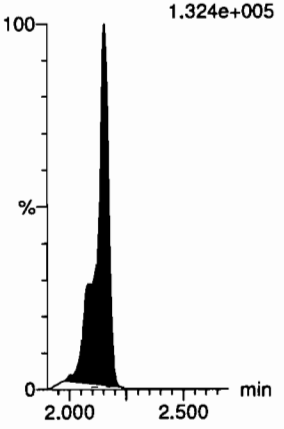
13C3-PFBS-EIS



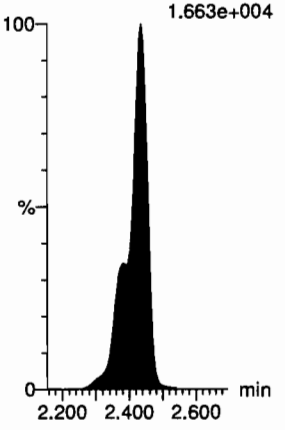
13C3-PFPeA-EIS



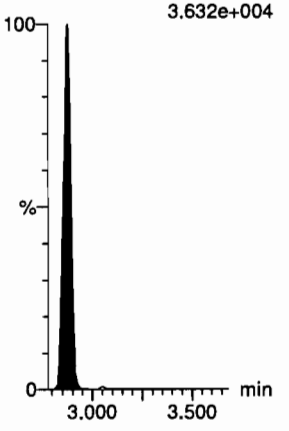
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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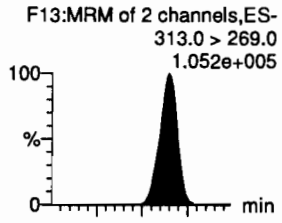
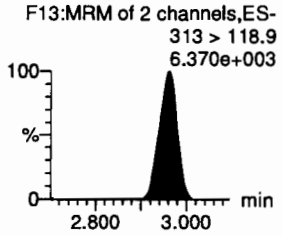
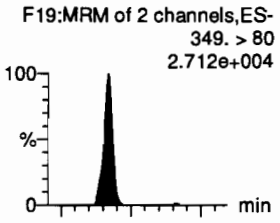
Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

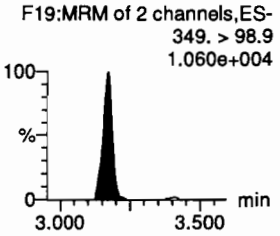
PFHxA



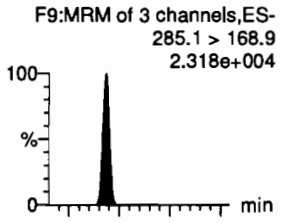


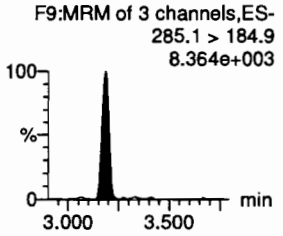
PFPeS



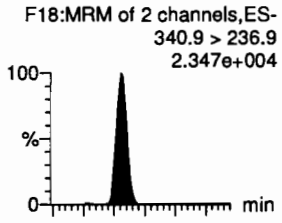


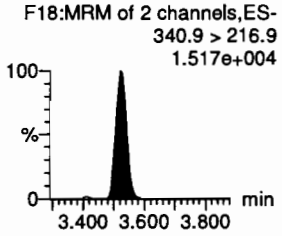
HFPO-DA



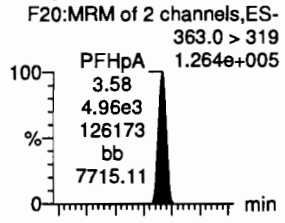


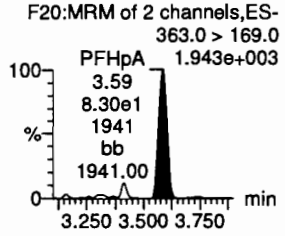
5:3 FTCA





PFHpA





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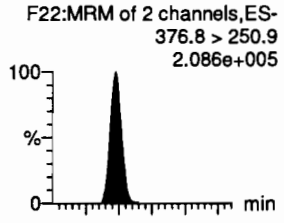
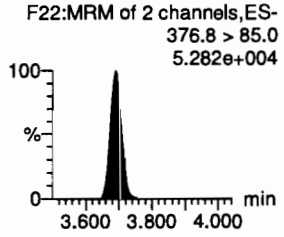
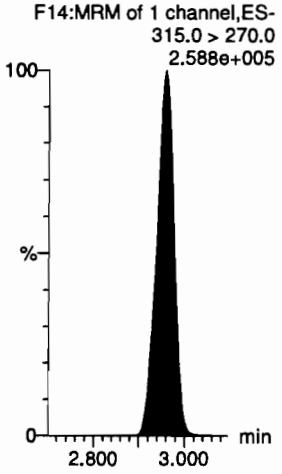
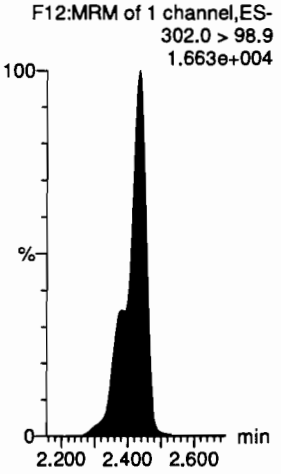




13C2-PFHxA-EIS



13C3-PFBS-EIS



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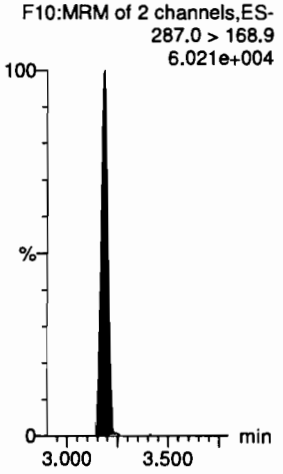

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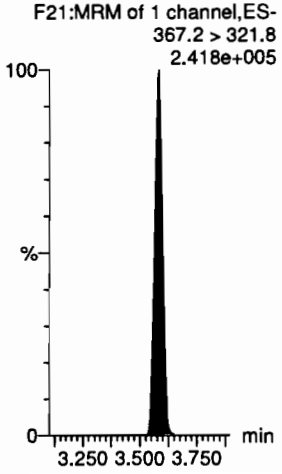

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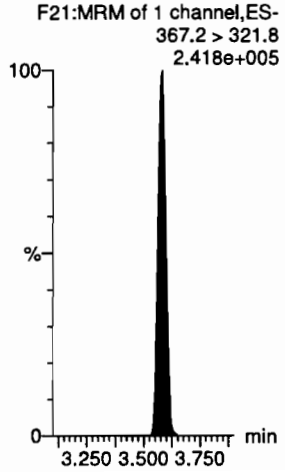

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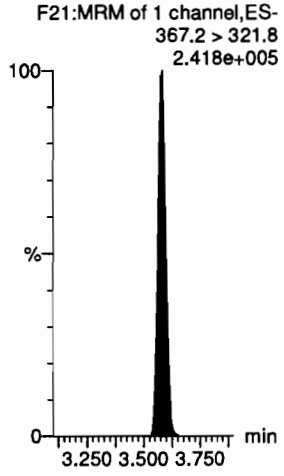

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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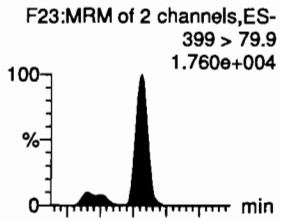
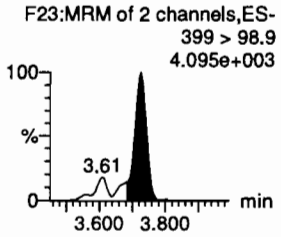
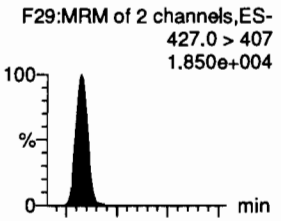
Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

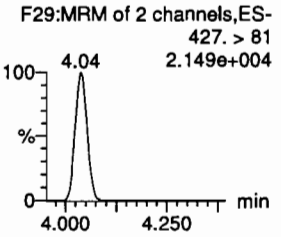
L-PFHxS





6:2 FTS





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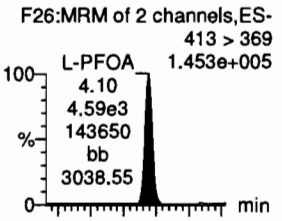

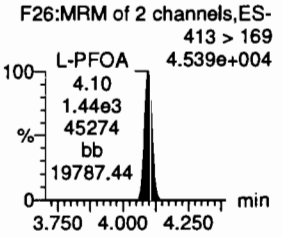

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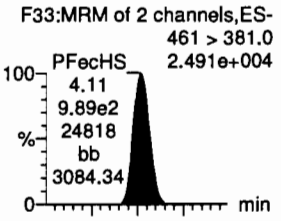

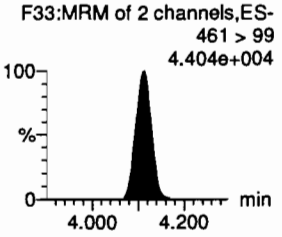

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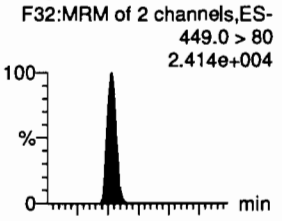
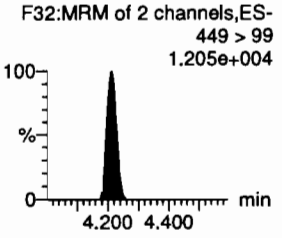
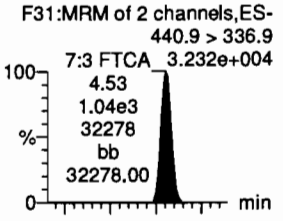
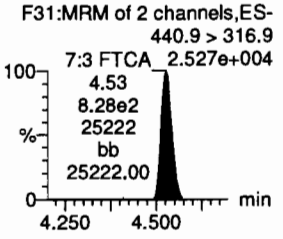


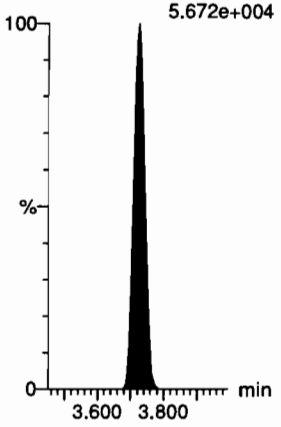


7:3 FTCA





13C3-PFHxS-EIS



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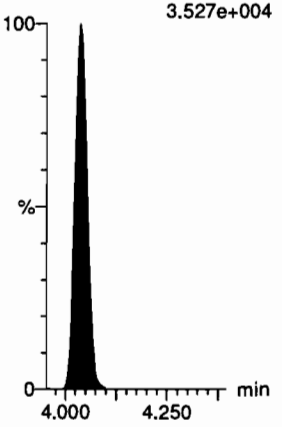
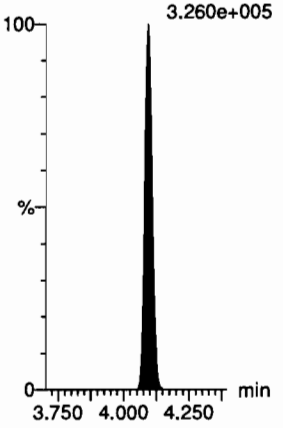


13C2-PFOA-EIS



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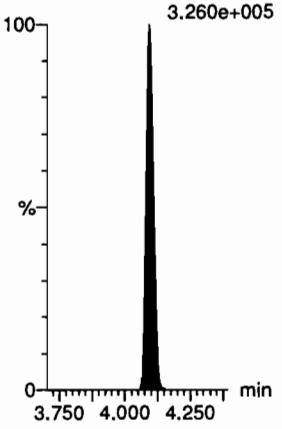
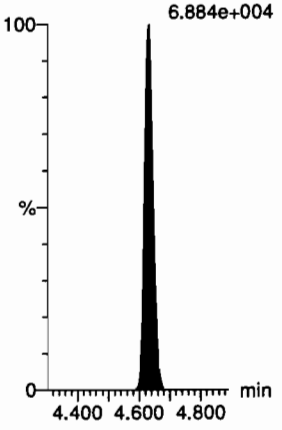
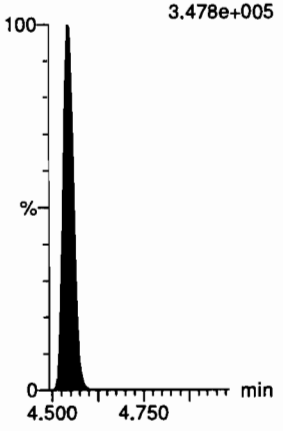


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

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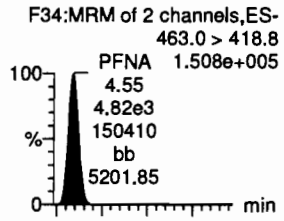

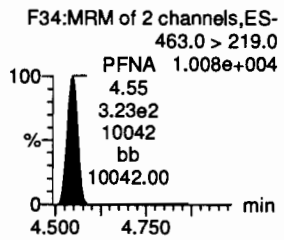

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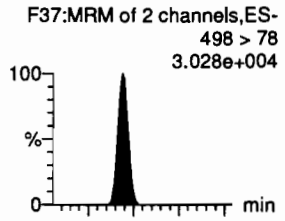
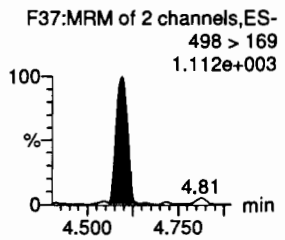
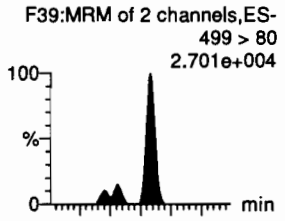
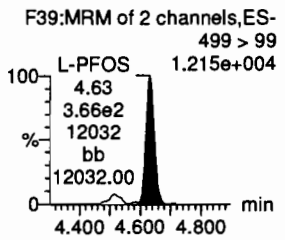




L-PFOS





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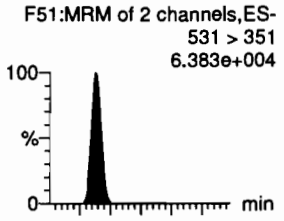

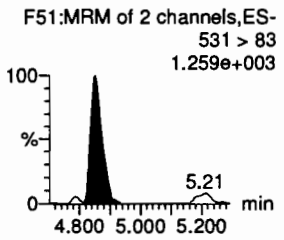

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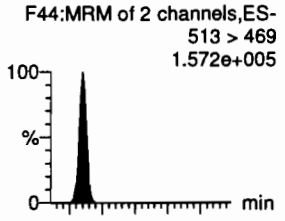
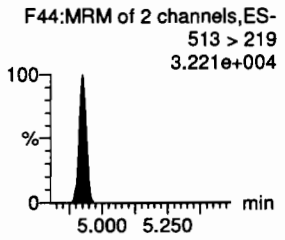
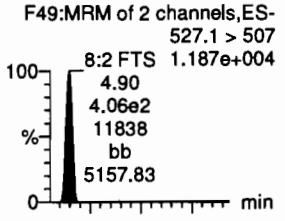
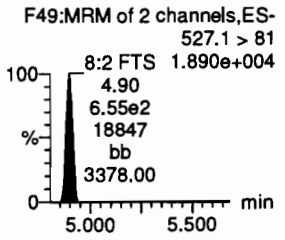


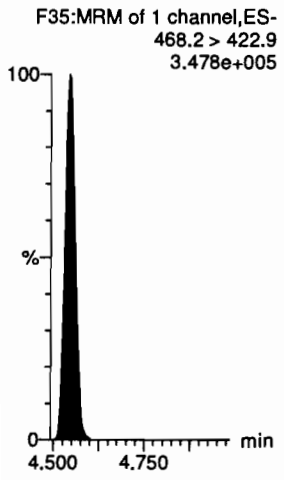


8:2 FTS

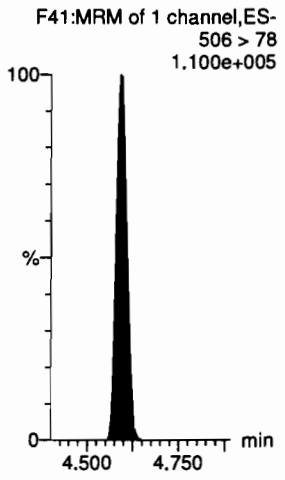




13C5-PFNA-EIS



13C8-PFOSA-EIS



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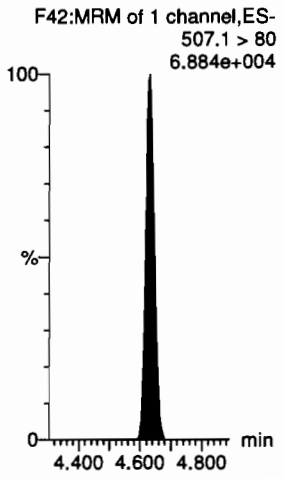

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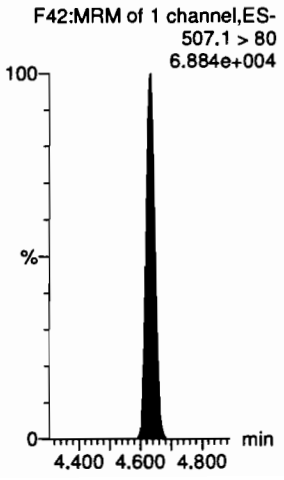
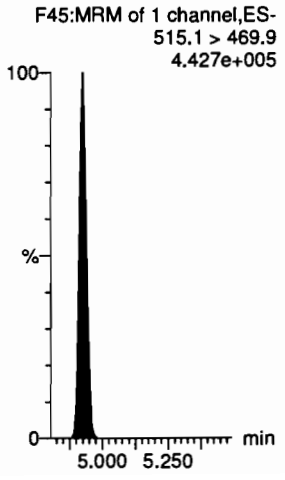
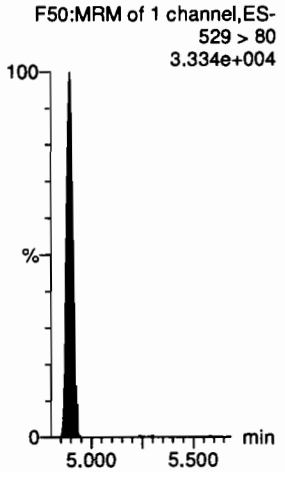


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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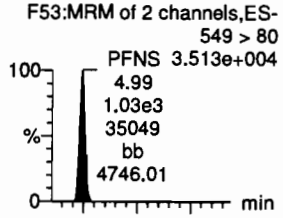
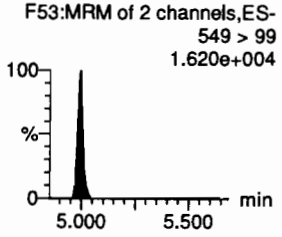
Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

PFNS





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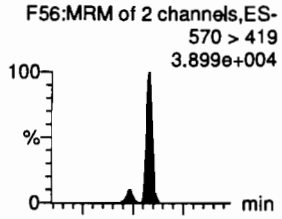
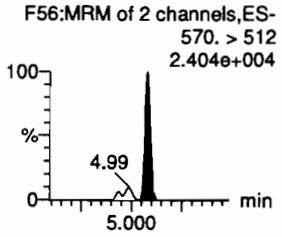
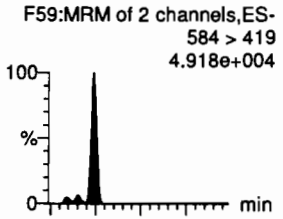
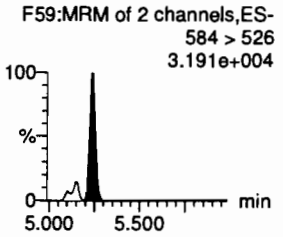


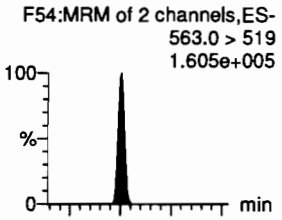


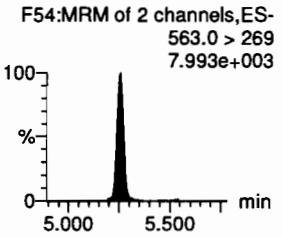
L-EtFOSAA



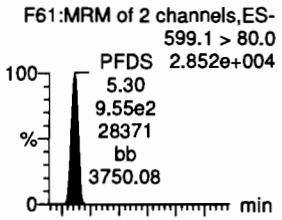


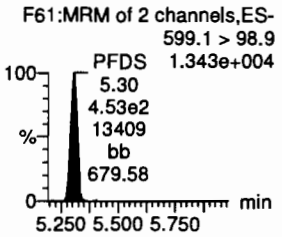
PFUdA



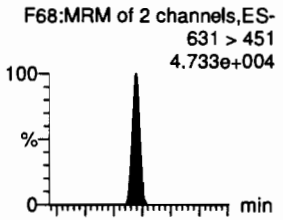


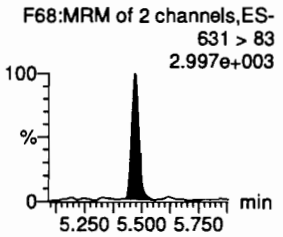
PFDS



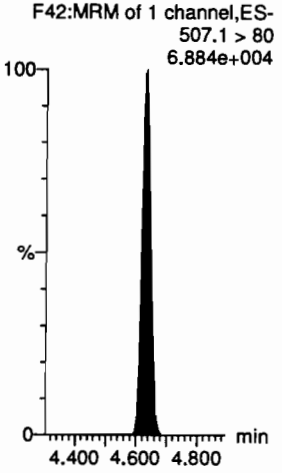


11Cl-PF30UdS

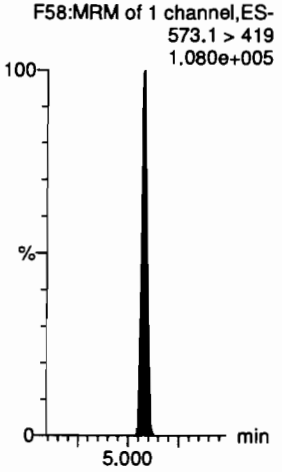




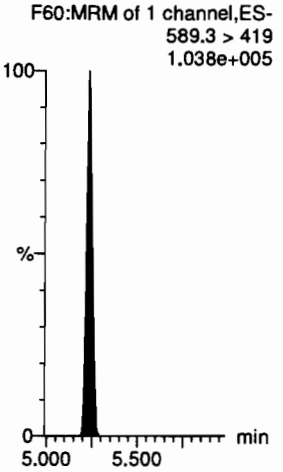
13C8-PFOS-EIS



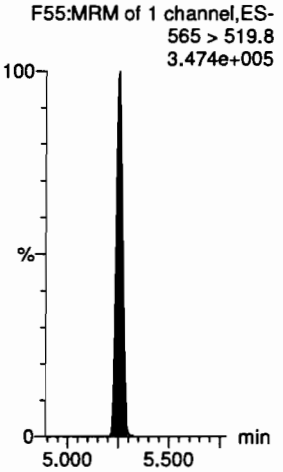
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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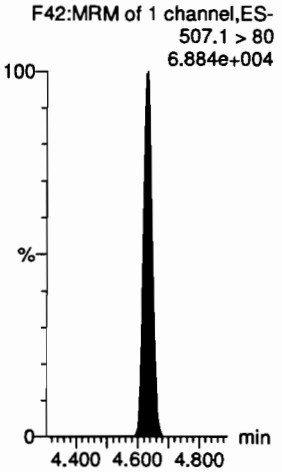
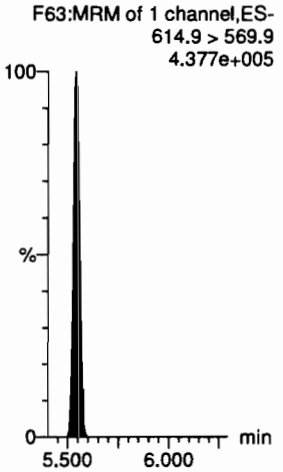


13C2-PFDoA-EIS

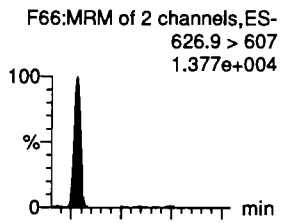


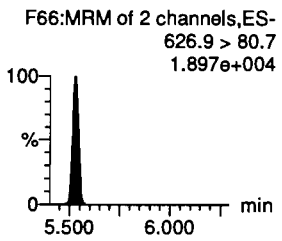
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

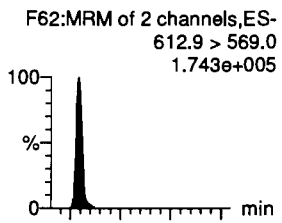
Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

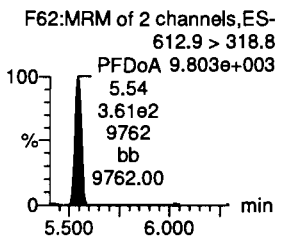
10:2 FTS



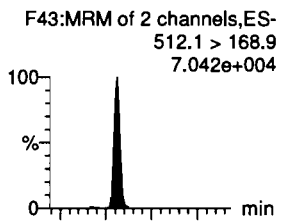


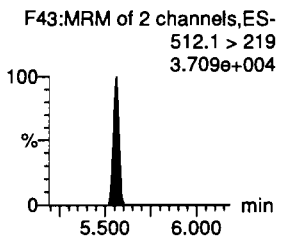
PFDoA





N-MeFOSA





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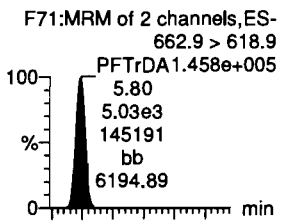
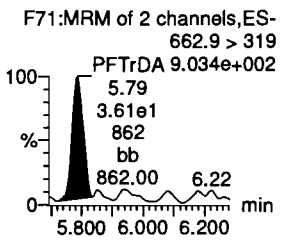
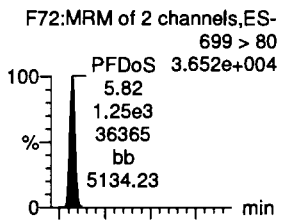
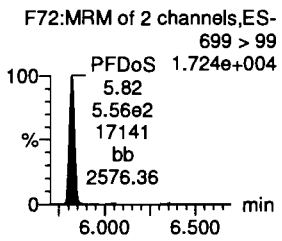


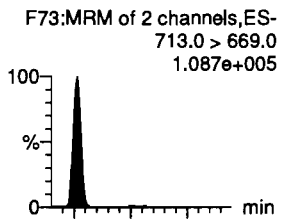


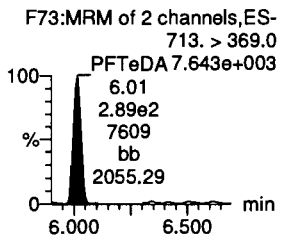
PFDoS



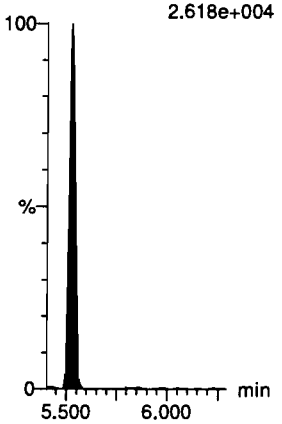


PFTeDA

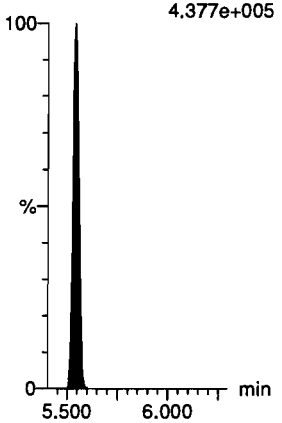




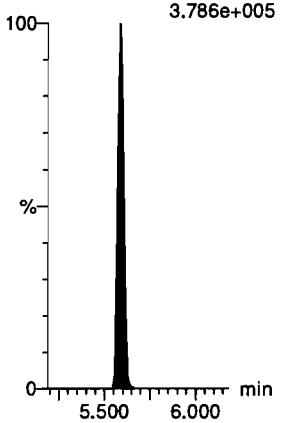
13C2-10:2 FTS-EIS



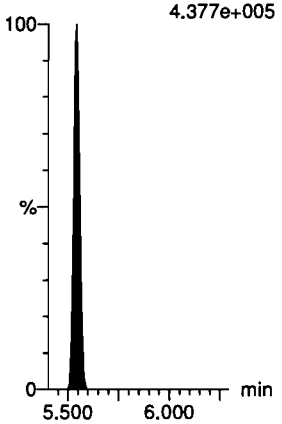
13C2-PFDoA-EIS



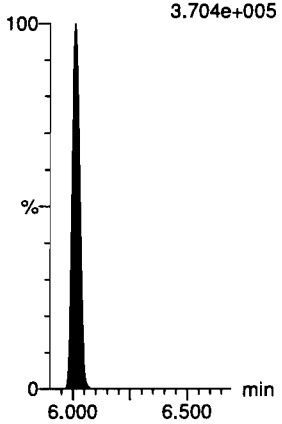
d3-N-MeFOSA-EIS



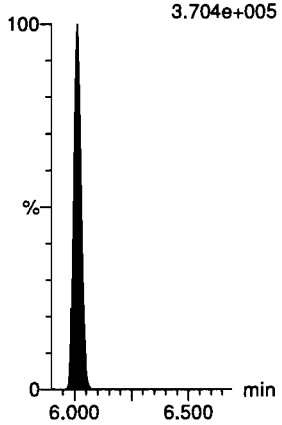
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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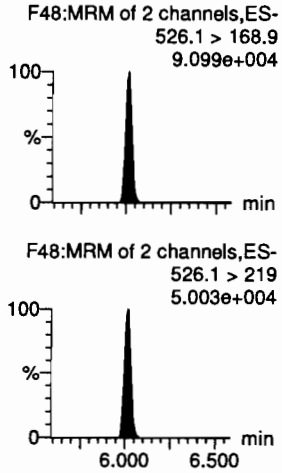
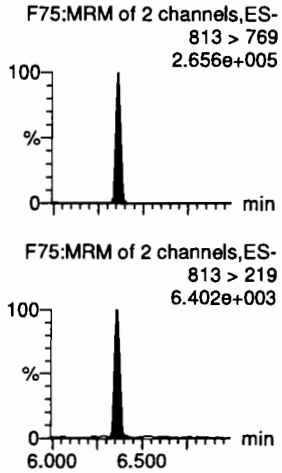
Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

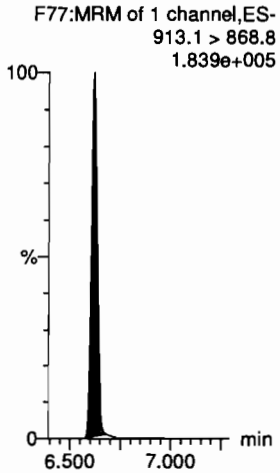
N-EtFOSA



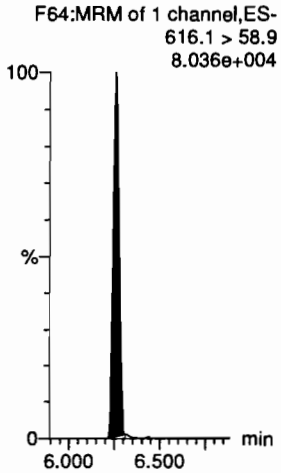
PFHxDA



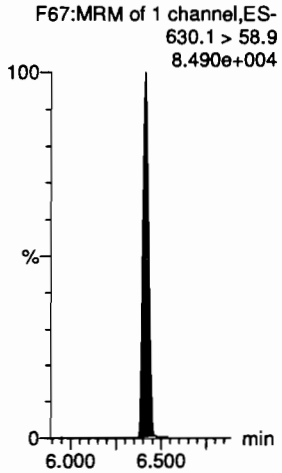
PFODA



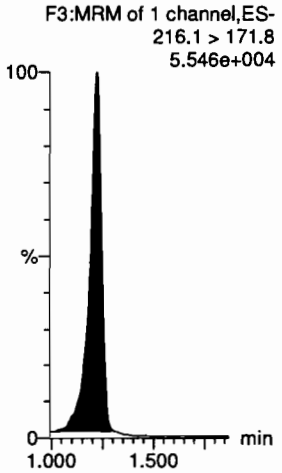
N-MeFOSE



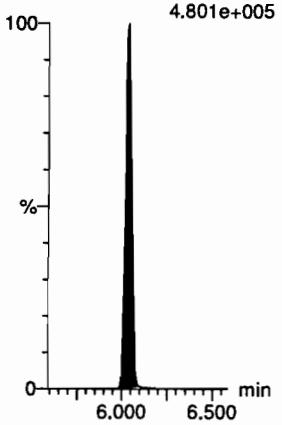
N-EtFOSE



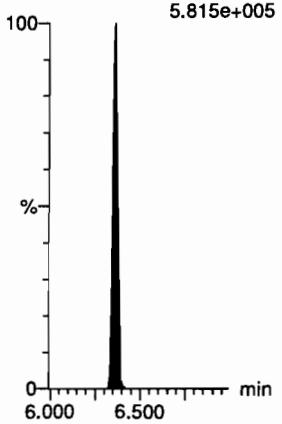
13C3-PFBA-RSD



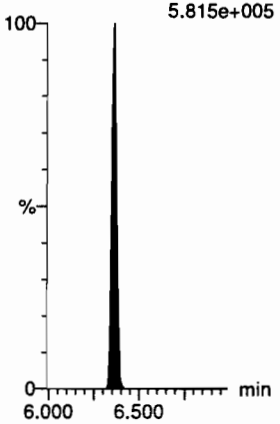
d5-N-ETFOSA-EIS



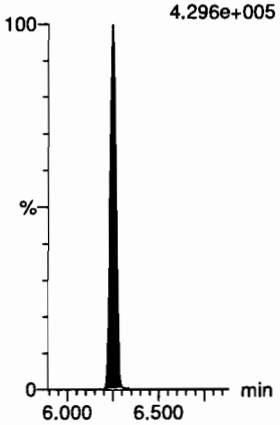
13C2-PFHxDA-EIS



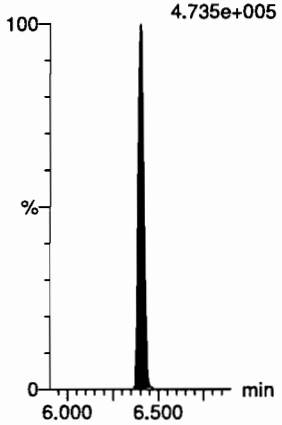
13C2-PFHxDA-EIS



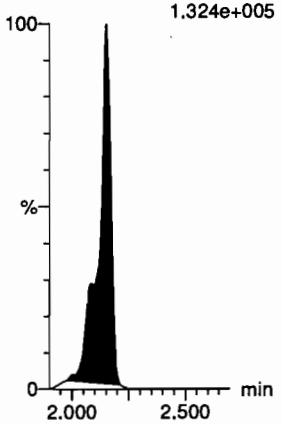
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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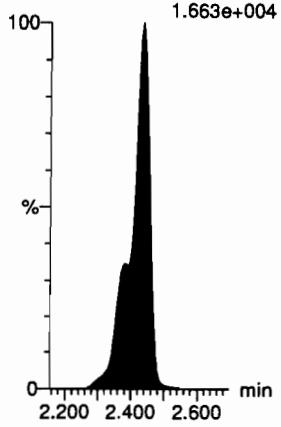
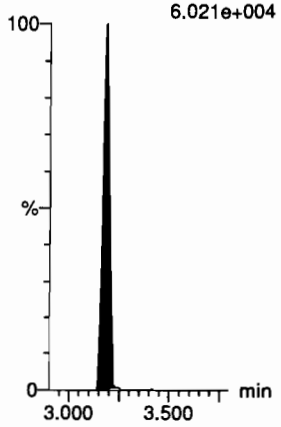
Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

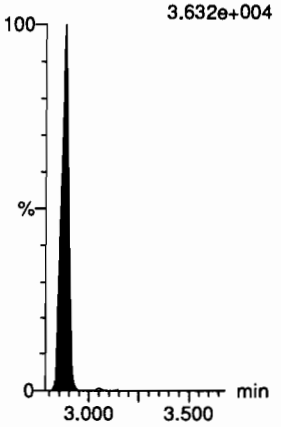
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.663e+004



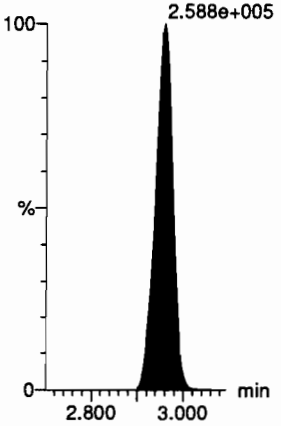
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.021e+004



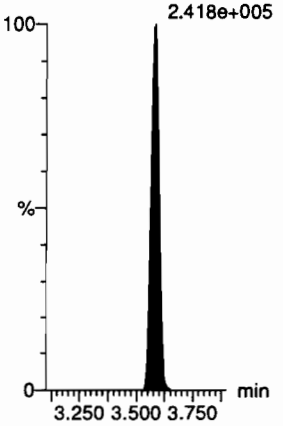
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.632e+004



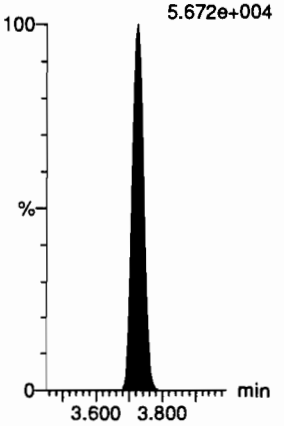
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.588e+005



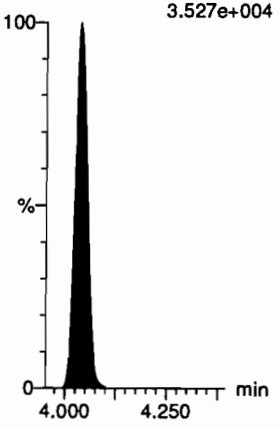
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.418e+005



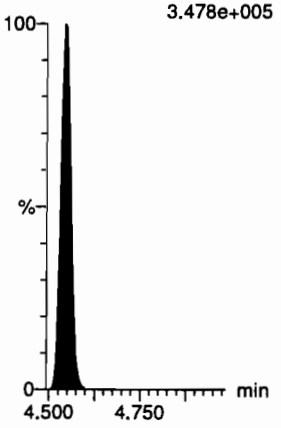
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.672e+004



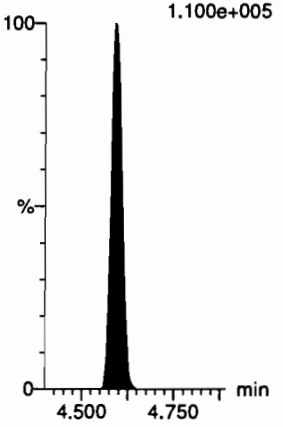
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.527e+004



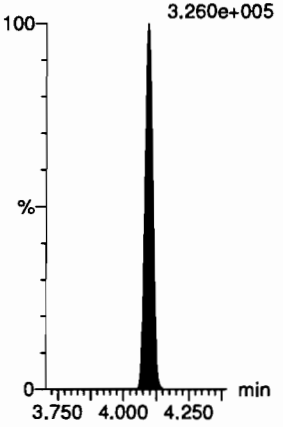
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.478e+005



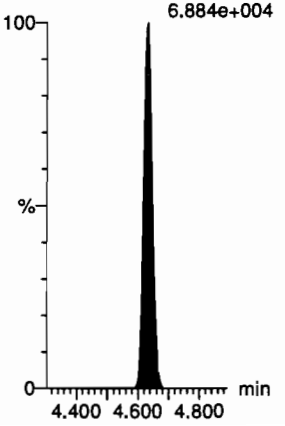
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.100e+005



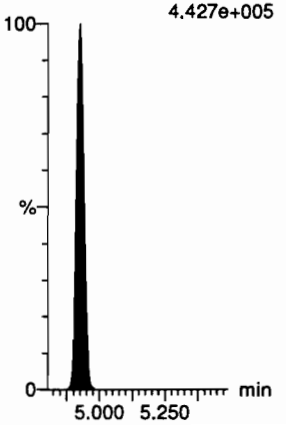
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.260e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.884e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.427e+005

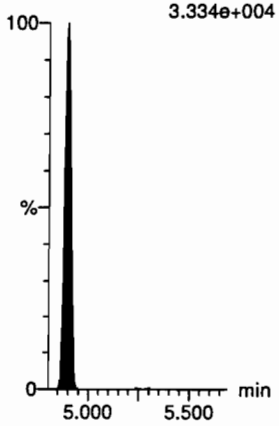


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

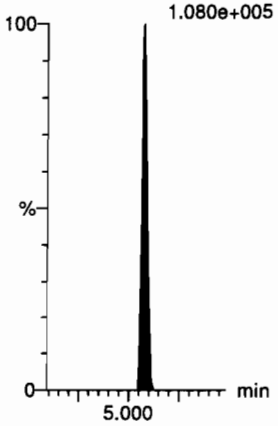
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

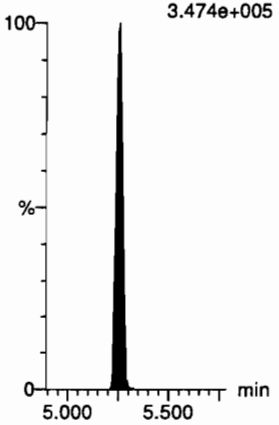
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.334e+004



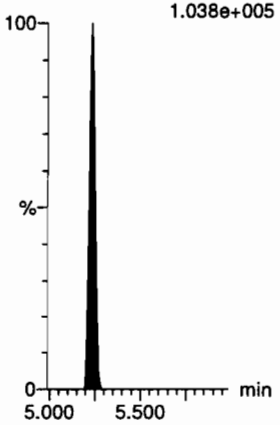
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.080e+005



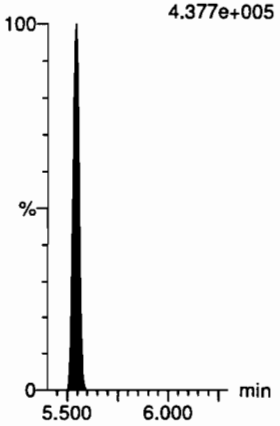
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.474e+005



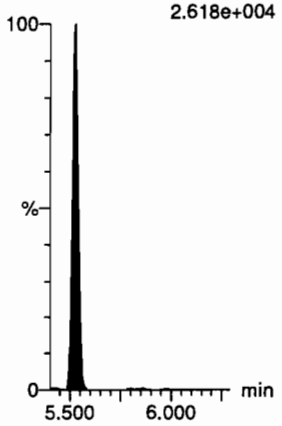
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
1.038e+005



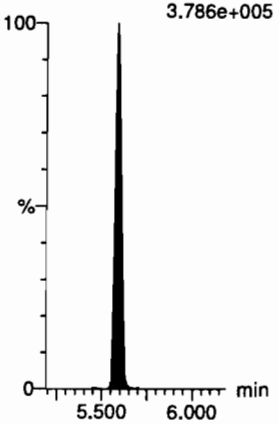
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.377e+005



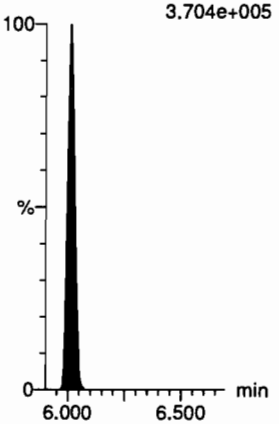
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.618e+004



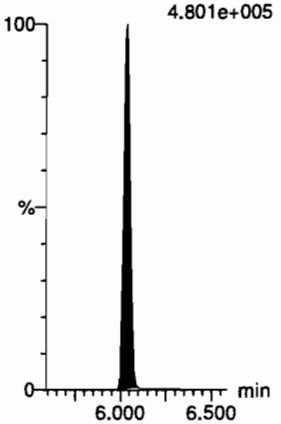
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.786e+005



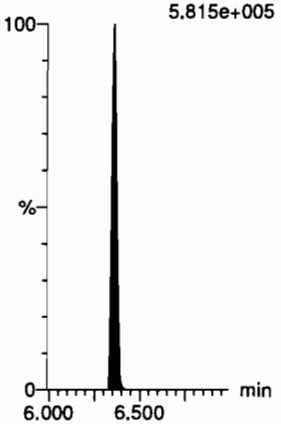
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.704e+005



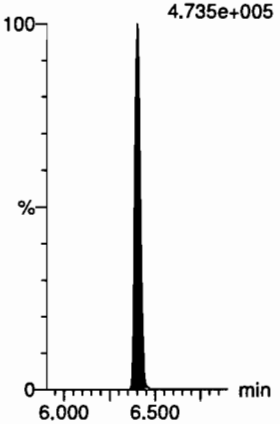
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.801e+005



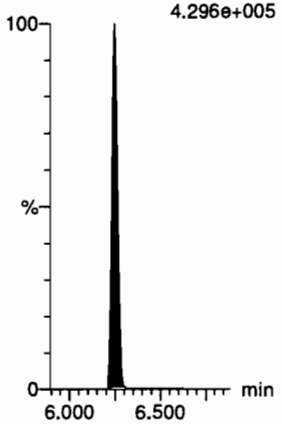
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.815e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.735e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.296e+005

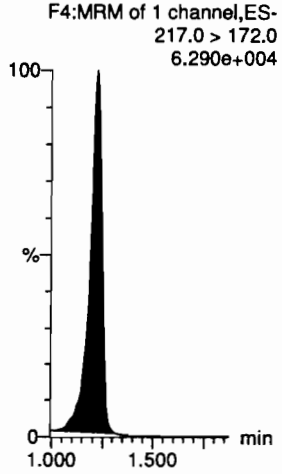


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

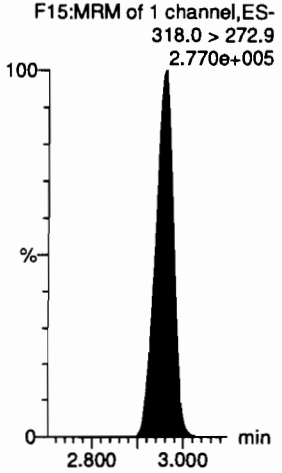
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-9, Date: 27-May-2020, Time: 13:34:16, ID: ST200527P1-5 PFC CS2 20E0509, Description: PFC CS2 20E0509

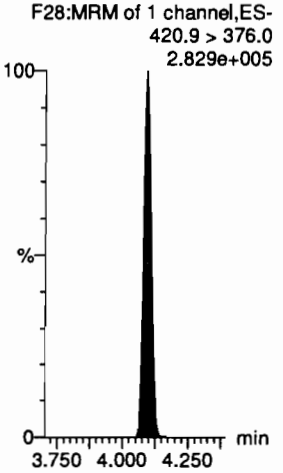
13C4-PFBA



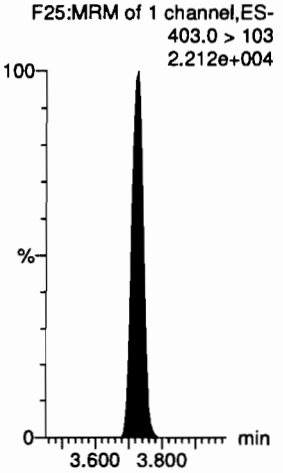
13C5-PFHxA



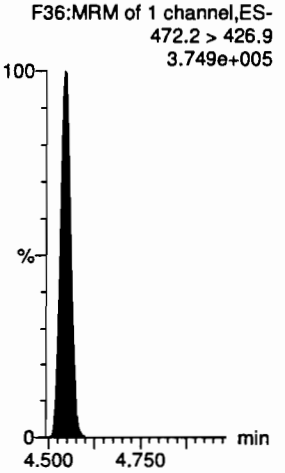
13C8-PFOA



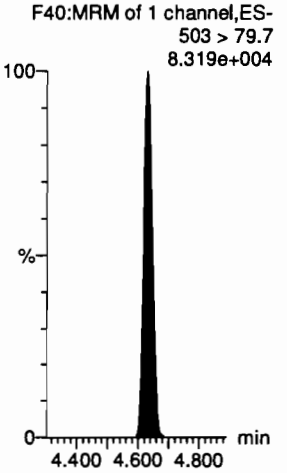
18O2-PFHxS



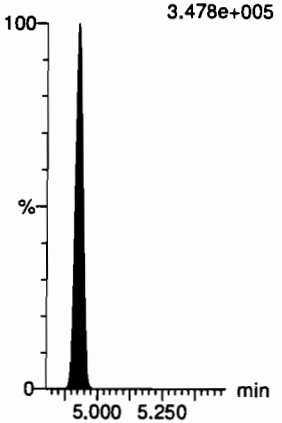
13C9-PFNA



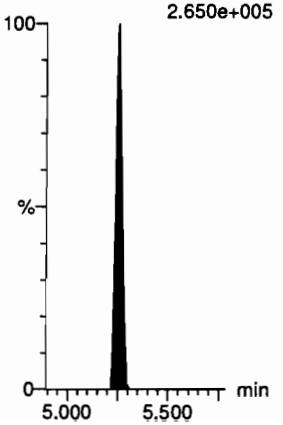
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Thursday, May 28, 2020 09:06:51 Pacific Daylight Time
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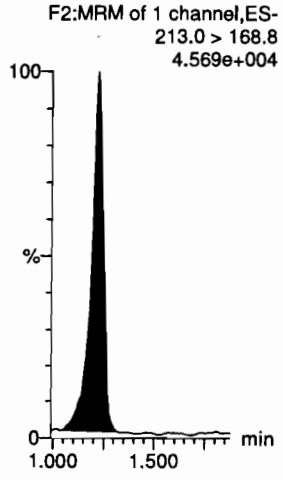
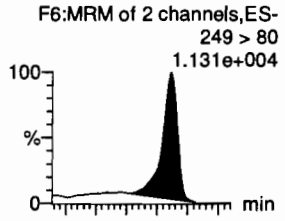
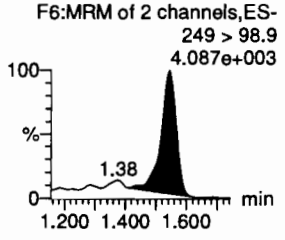
Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

PFBA

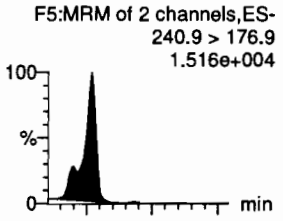


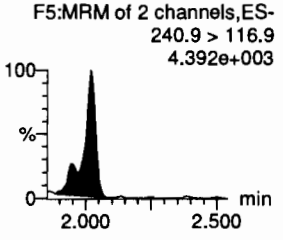
PFPrS



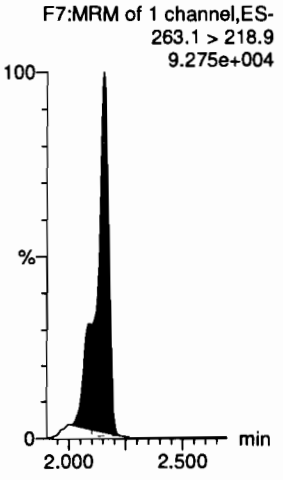


3:3 FTCA

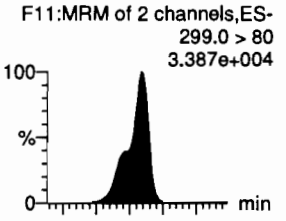


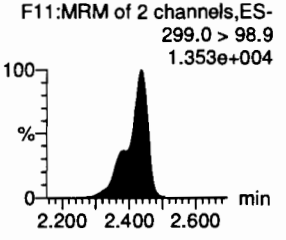


PFPeA

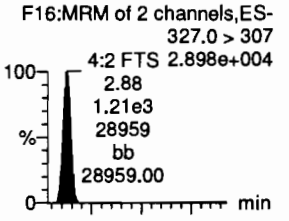


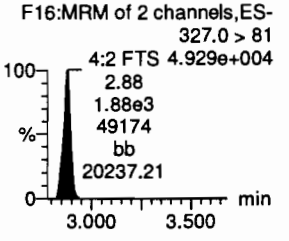
PFBS



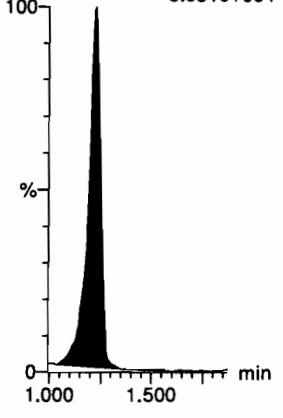


4:2 FTS

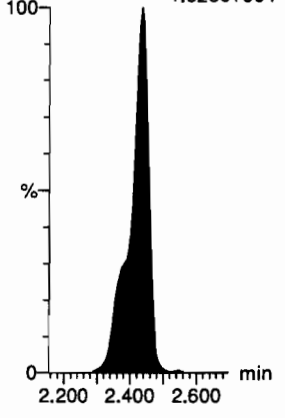




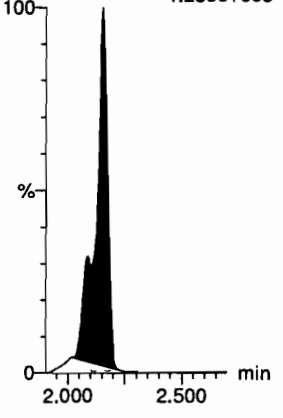
13C3-PFBA-EIS



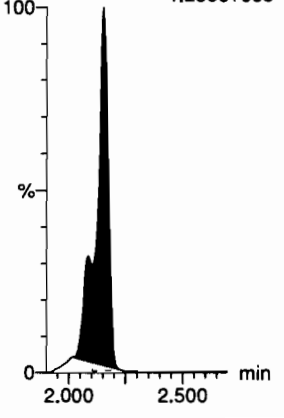
13C3-PFBS-EIS



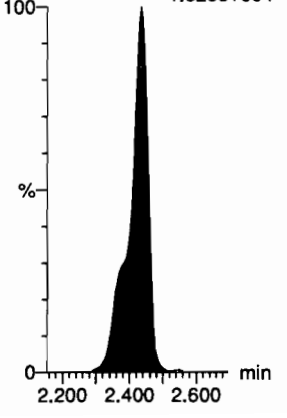
13C3-PFPeA-EIS



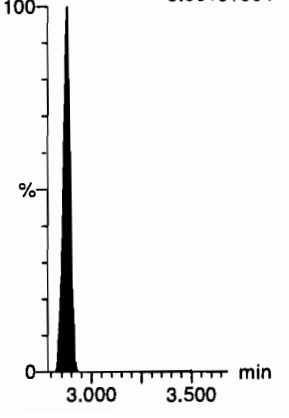
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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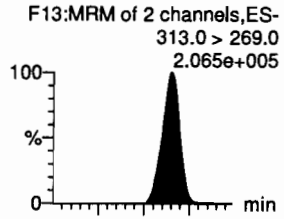
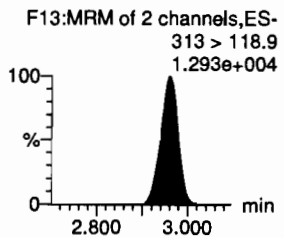
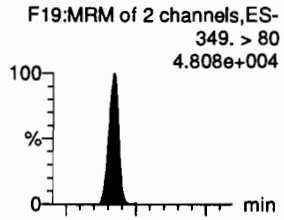
Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

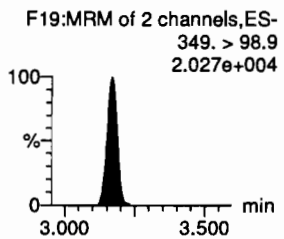
PFHxA



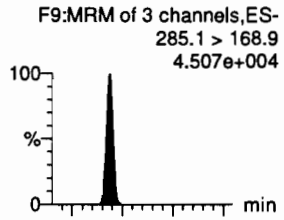


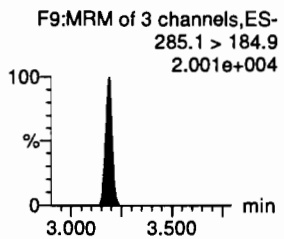
PFPeS



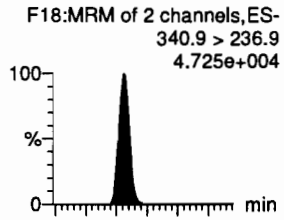


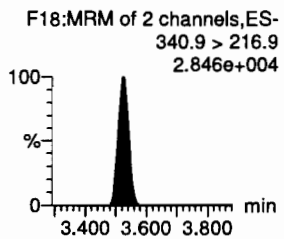
HFPO-DA



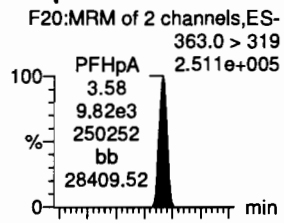


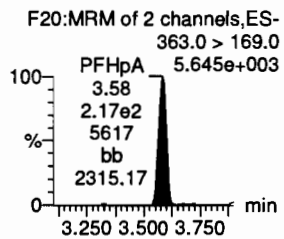
5:3 FTCA





PFHpA





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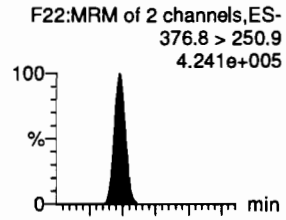
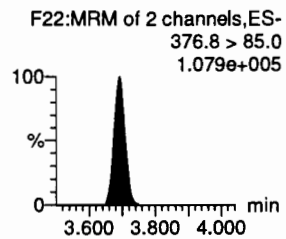
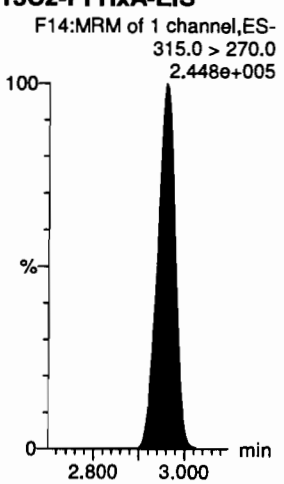
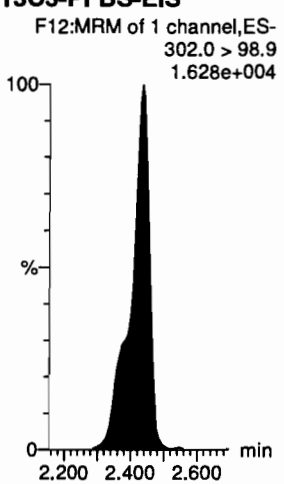




13C2-PFHxA-EIS



13C3-PFBS-EIS



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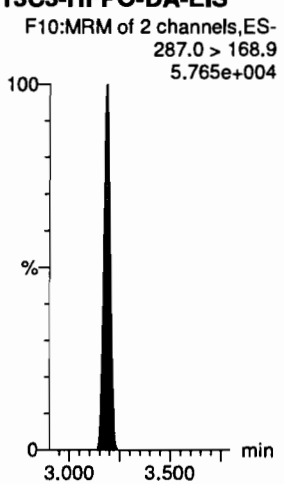

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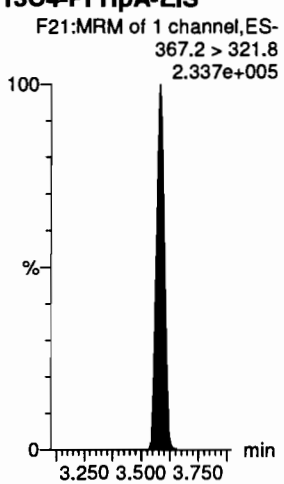

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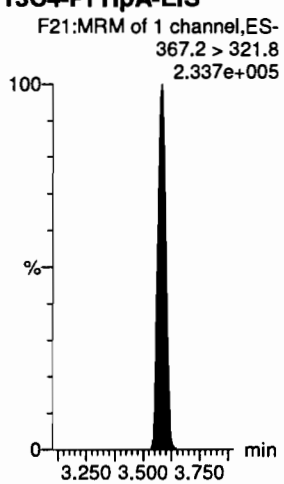

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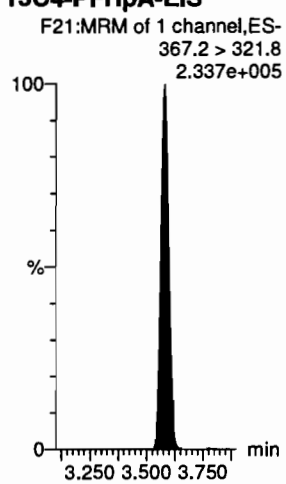

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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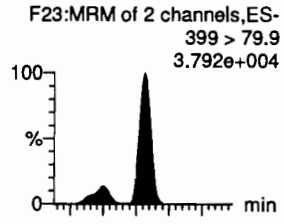
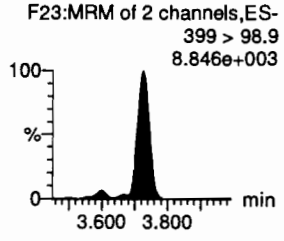
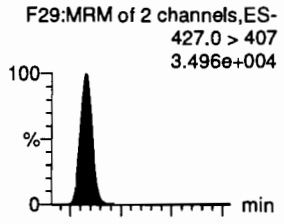
Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

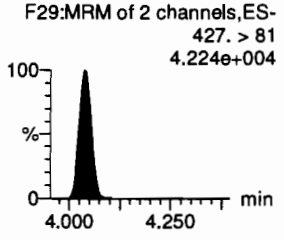
L-PFHxS





6:2 FTS





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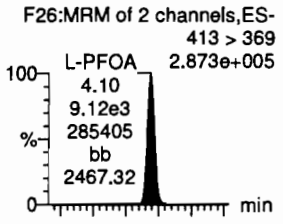

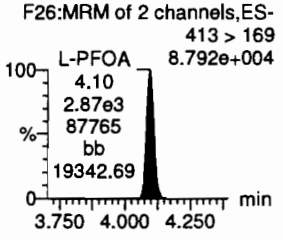

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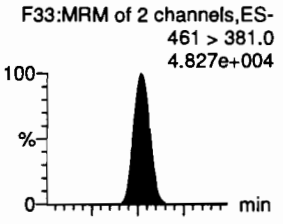
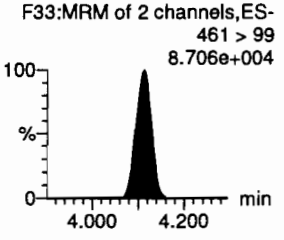
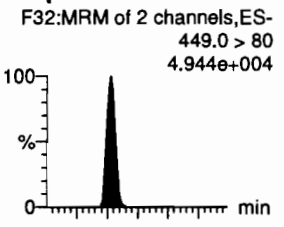
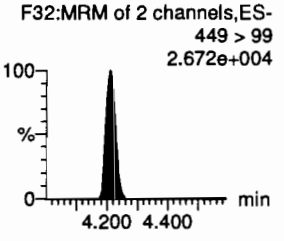


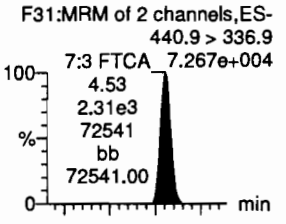


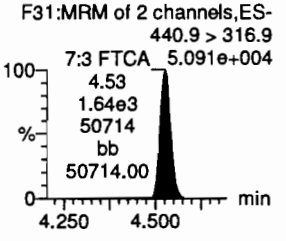
PFHpS





7:3 FTCA





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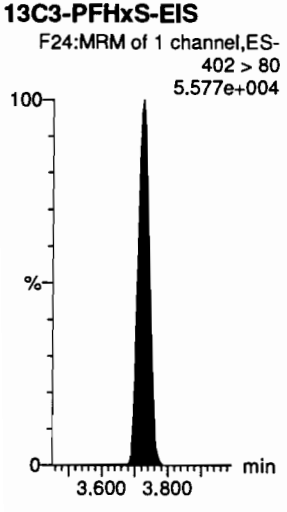
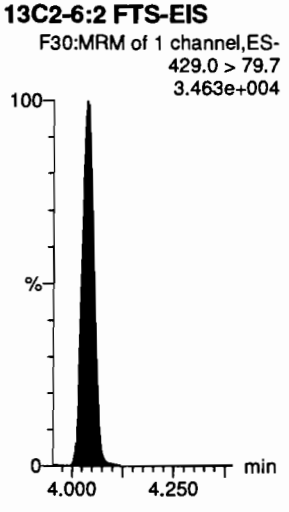
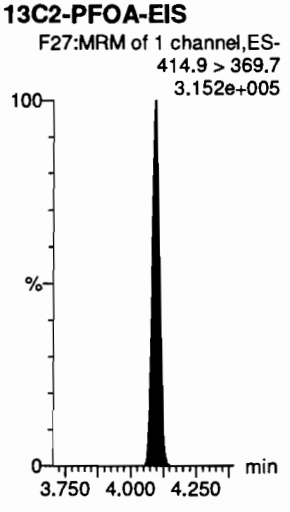


13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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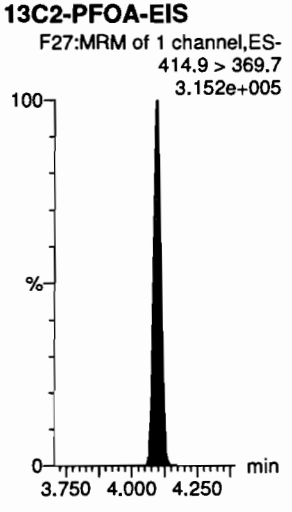

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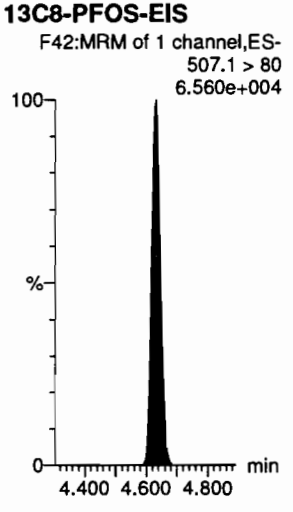
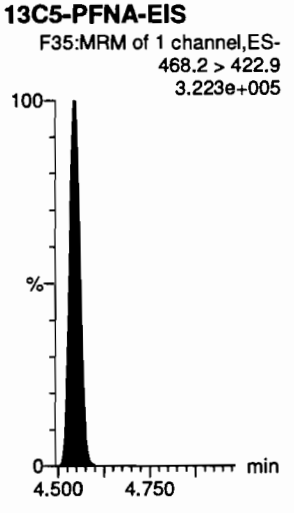


13C5-PFNA-EIS



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Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

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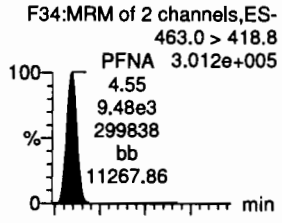
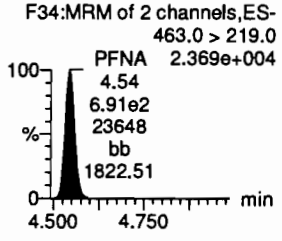
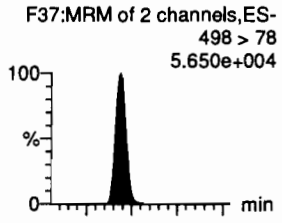
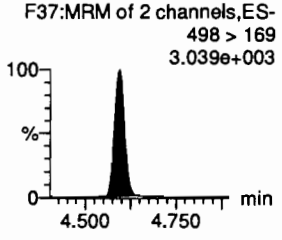


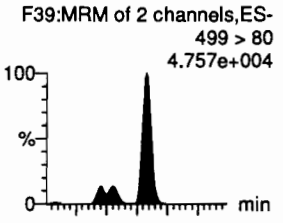


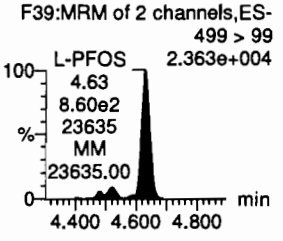
PFOSA



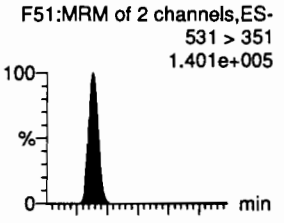


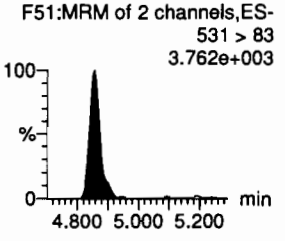
L-PFOS





9Cl-PF30NS





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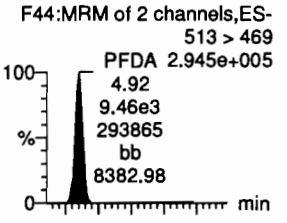
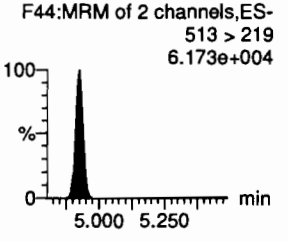
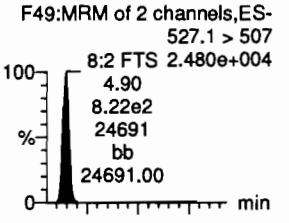
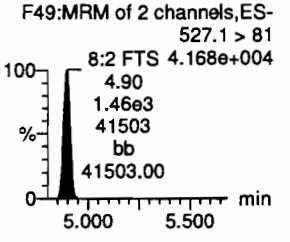


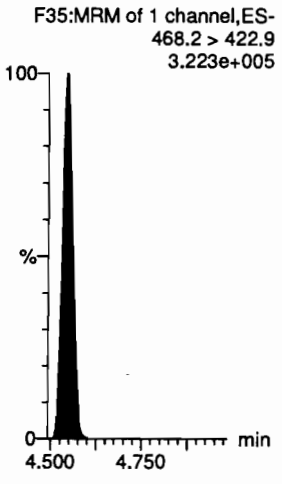


8:2 FTS

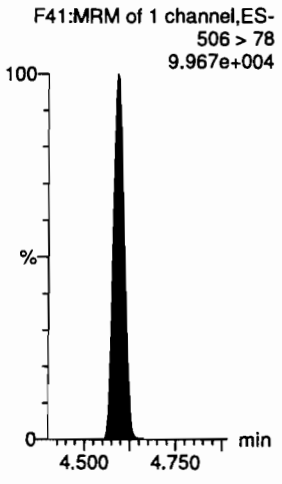




13C5-PFNA-EIS



13C8-PFOSA-EIS



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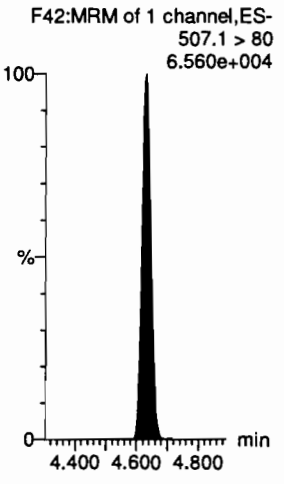

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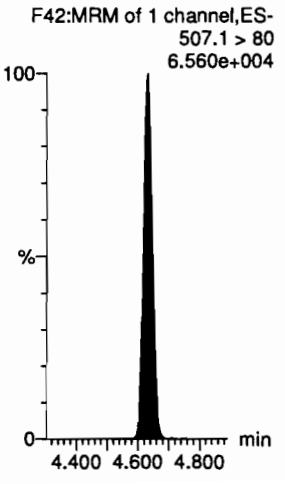

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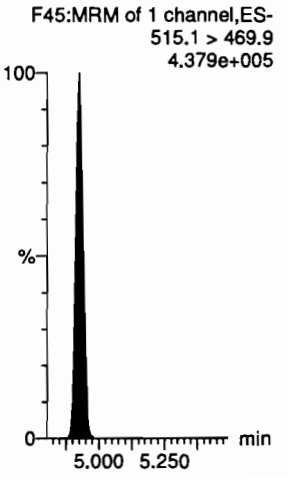
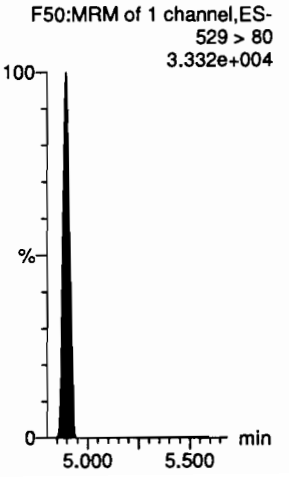


13C2-8:2 FTS-EIS



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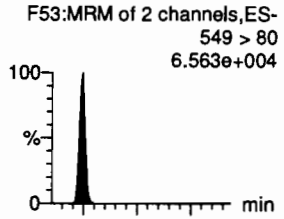
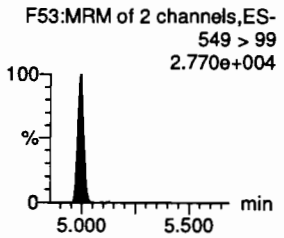
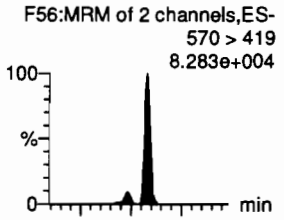
Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

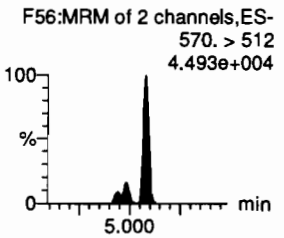
PFNS



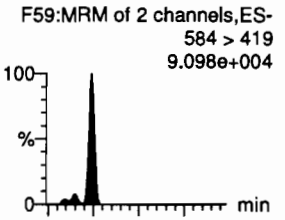


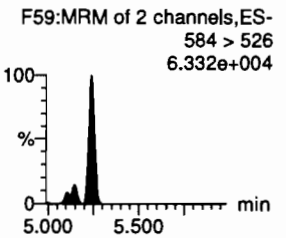
L-MeFOSAA



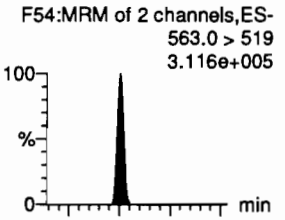


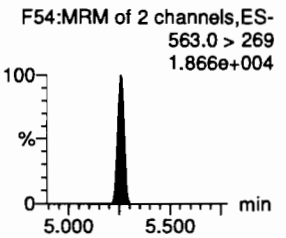
L-EtFOSAA



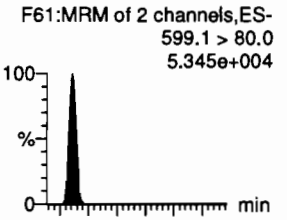


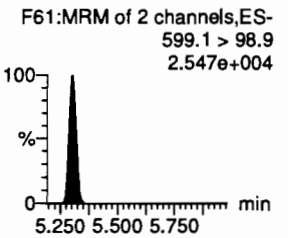
PFUdA



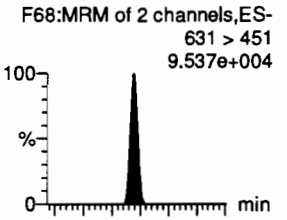


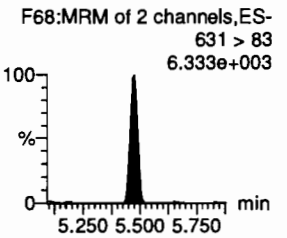
PFDS



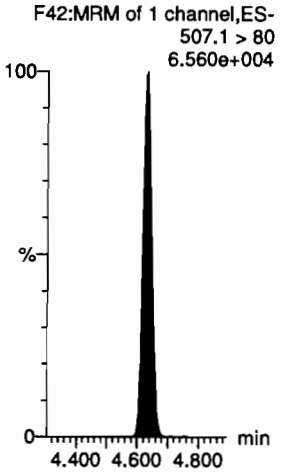


11Cl-PF30UdS

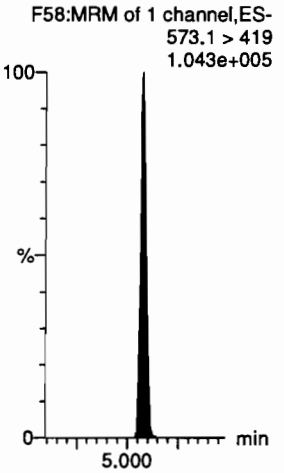




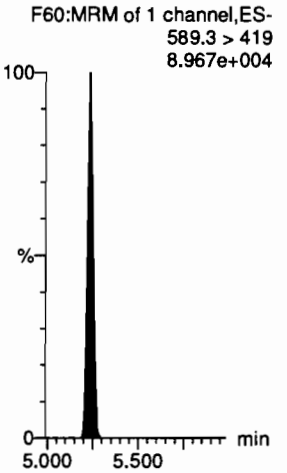
13C8-PFOS-EIS



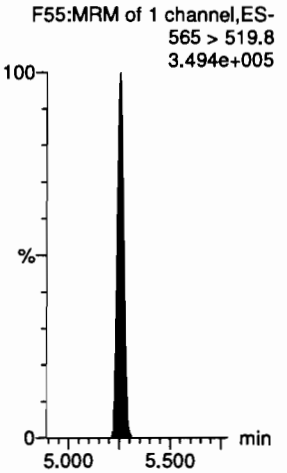
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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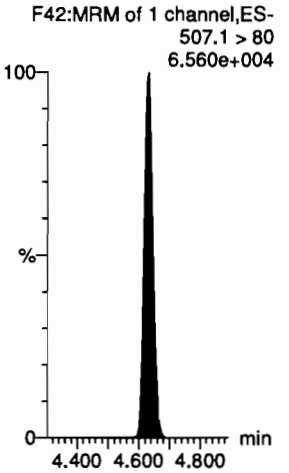
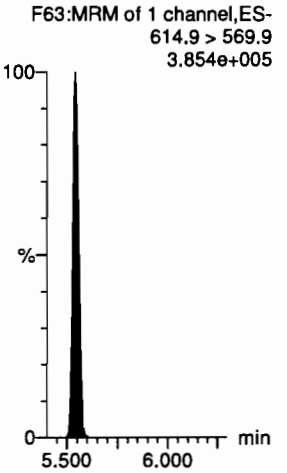


13C2-PFDoA-EIS

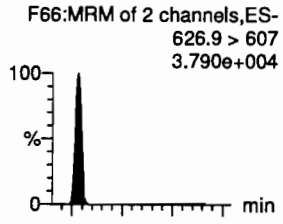


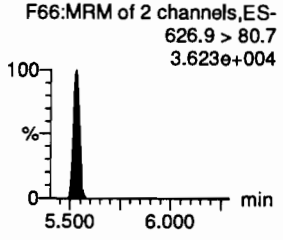
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

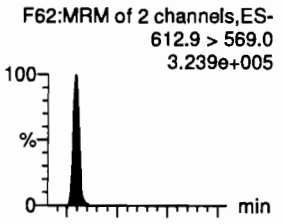
Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

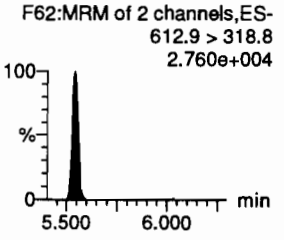
10:2 FTS



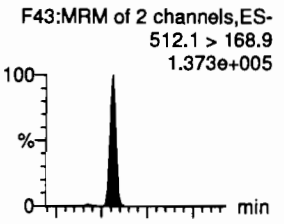


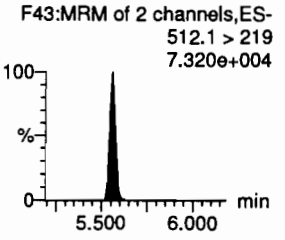
PFDoA





N-MeFOSA





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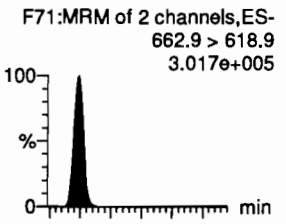
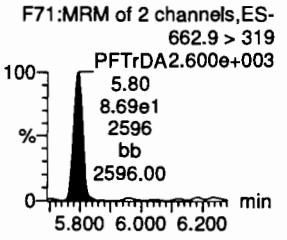
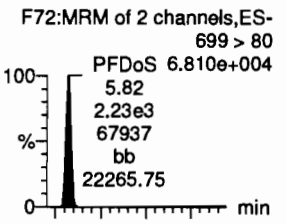
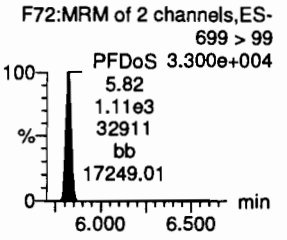




PFDoS





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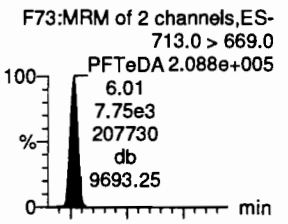
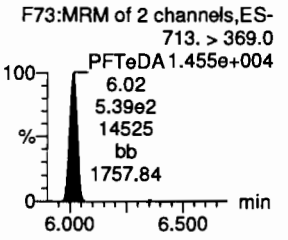
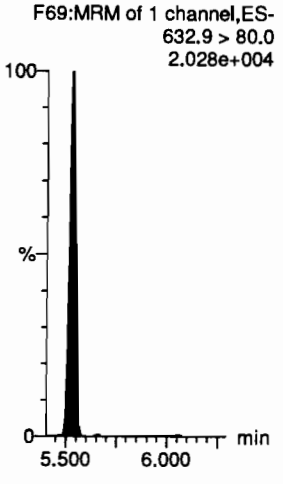
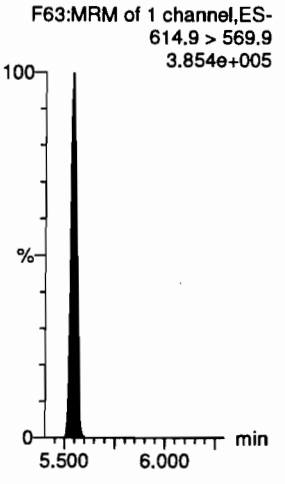




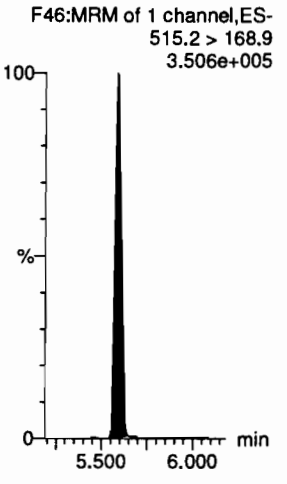
13C2-10:2 FTS-EIS



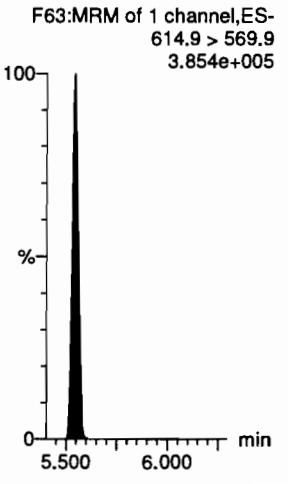
13C2-PFDoA-EIS



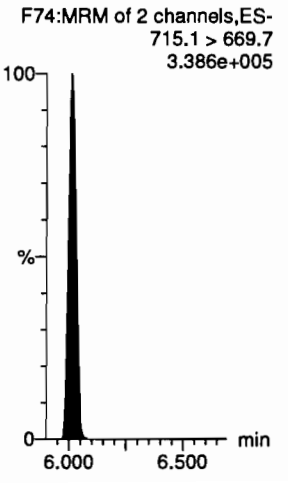
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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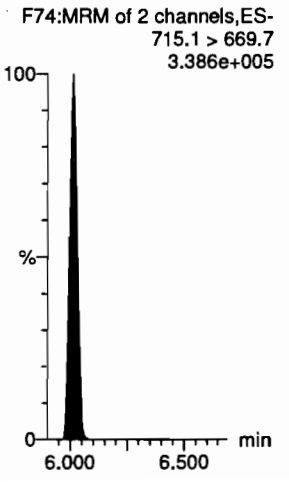

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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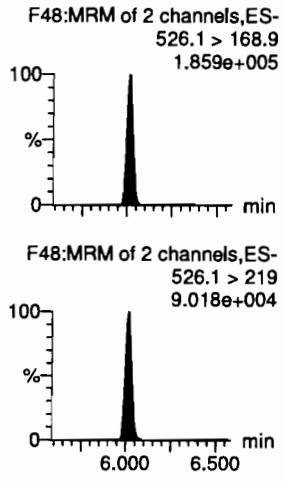
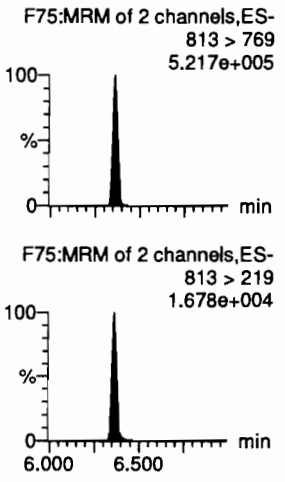
Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

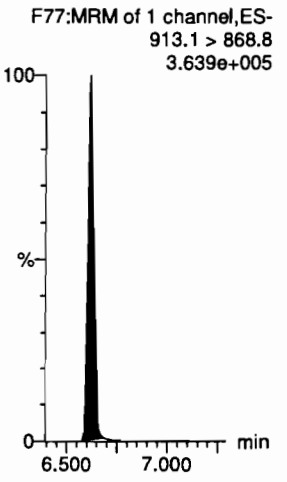
N-EtFOSA



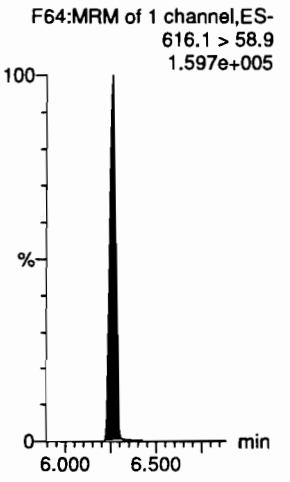
PFHxDA



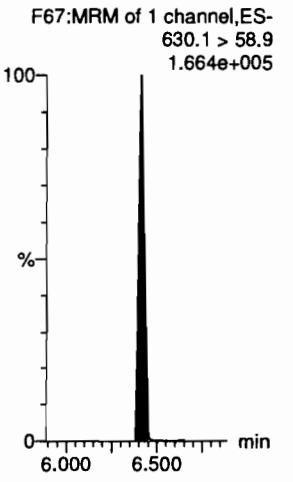
PFODA



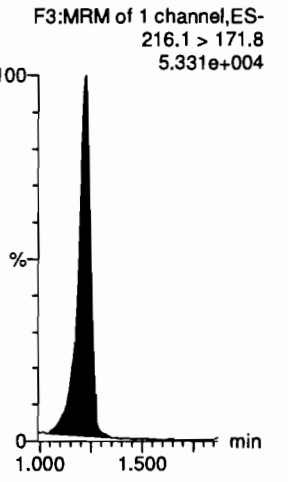
N-MeFOSE



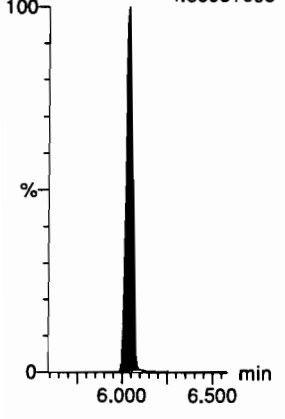
N-EtFOSE



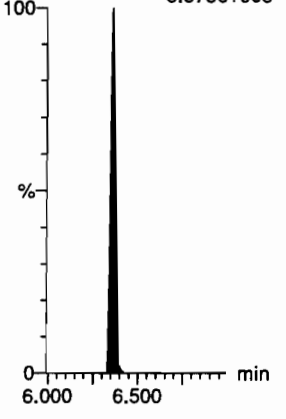
13C3-PFBA-RSD



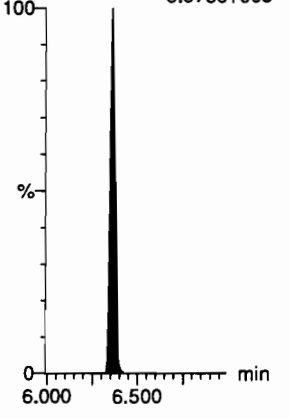
d5-N-ETFOSA-EIS



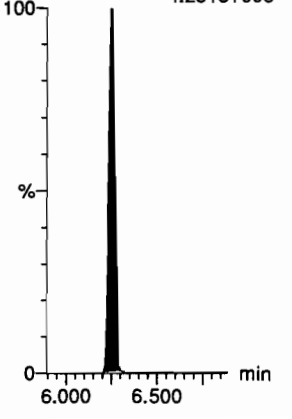
13C2-PFHxDA-EIS



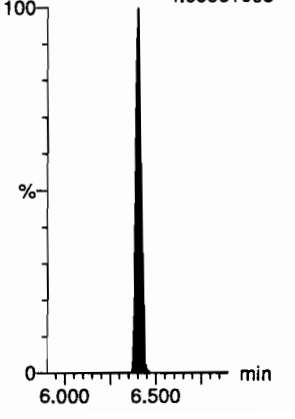
13C2-PFHxDA-EIS



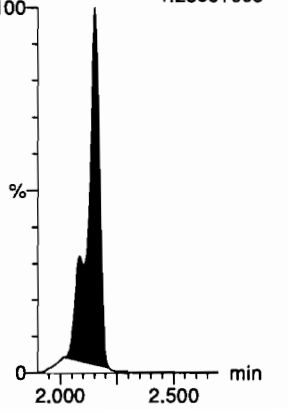
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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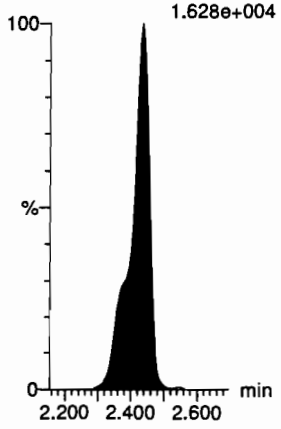
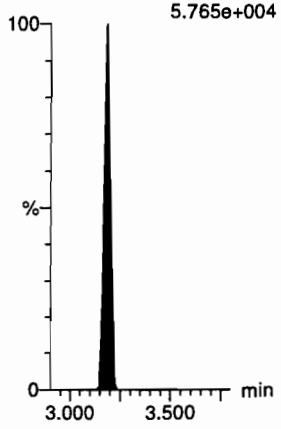
Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

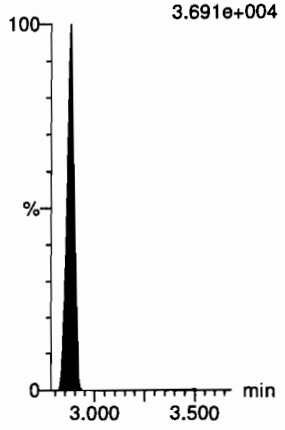
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.628e+004



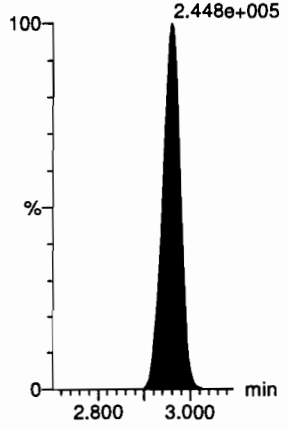
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
5.765e+004



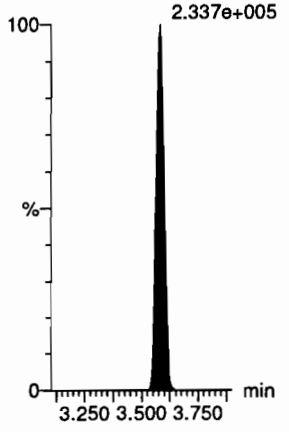
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.691e+004



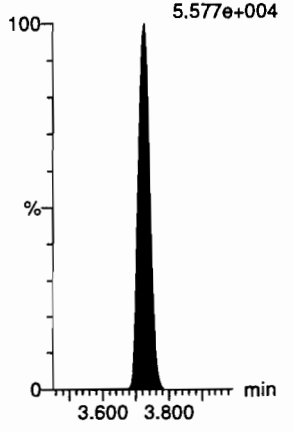
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.448e+005



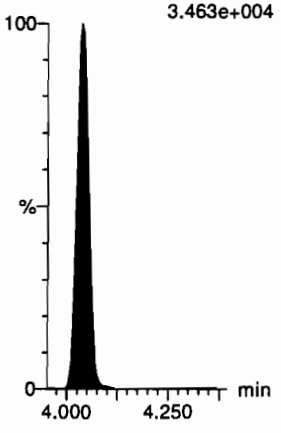
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.337e+005



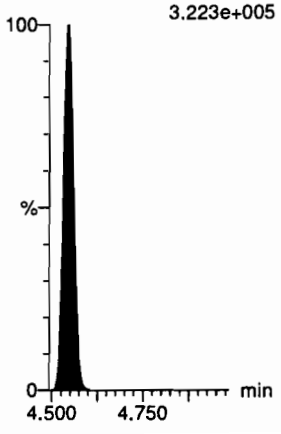
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.577e+004



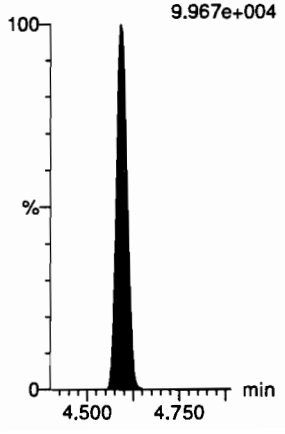
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.463e+004



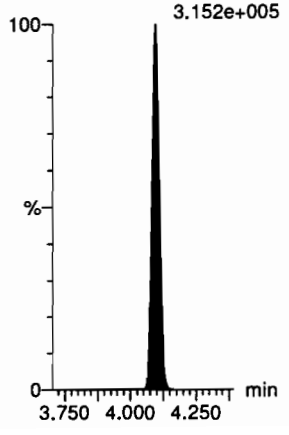
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.223e+005



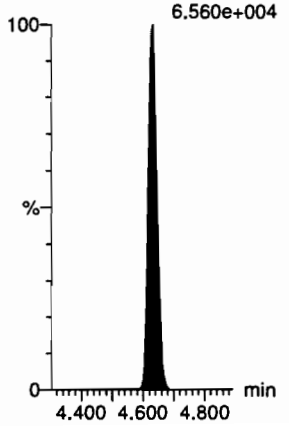
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
9.967e+004



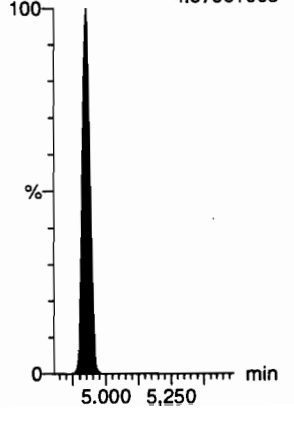
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.152e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.560e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.379e+005

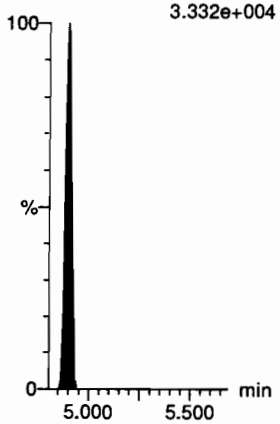


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

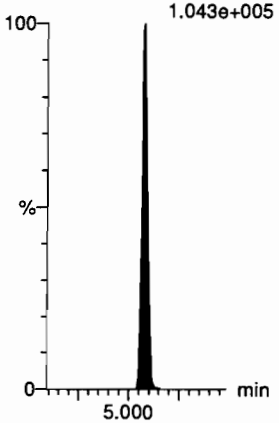
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

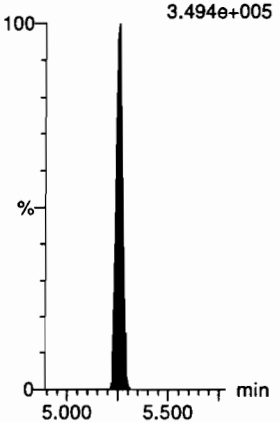
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.332e+004



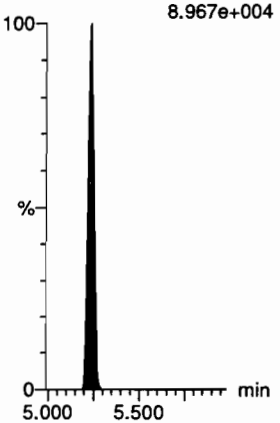
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.043e+005



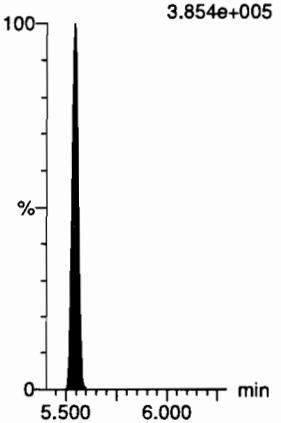
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.494e+005



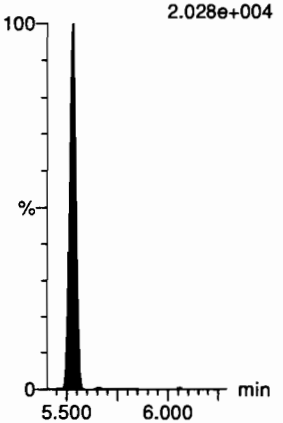
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
8.967e+004



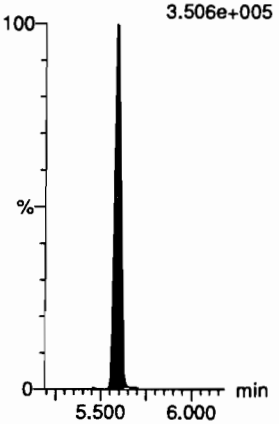
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
3.854e+005



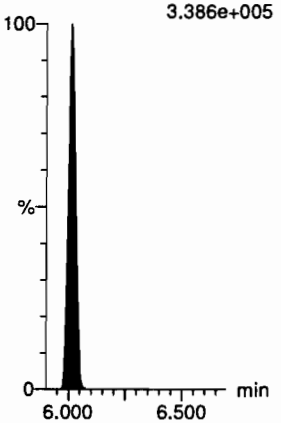
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.028e+004



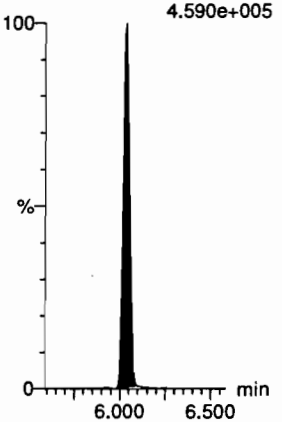
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.506e+005



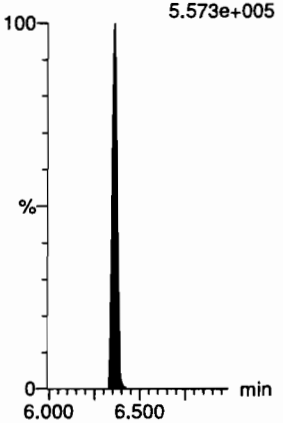
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.386e+005



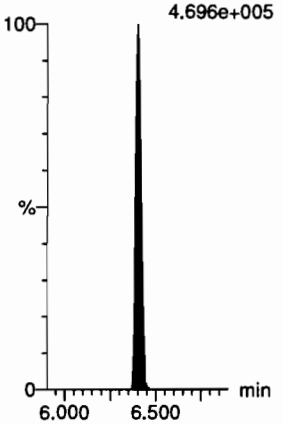
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.590e+005



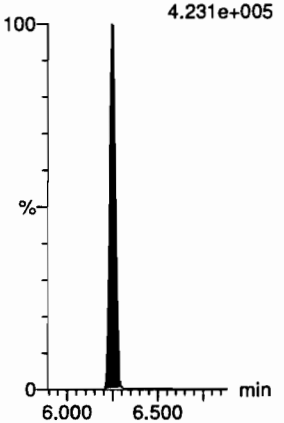
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.573e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.696e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.231e+005

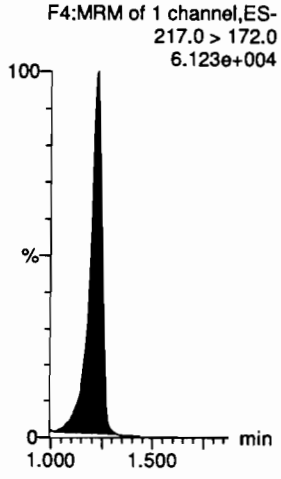


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

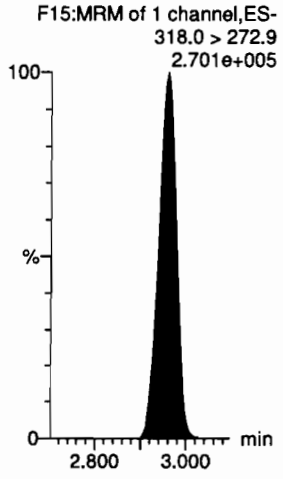
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-10, Date: 27-May-2020, Time: 13:44:48, ID: ST200527P1-6 PFC CS3 20E0510, Description: PFC CS3 20E0510

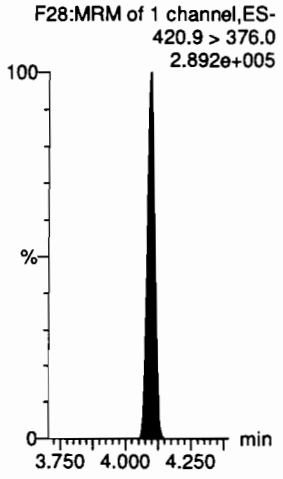
13C4-PFBA



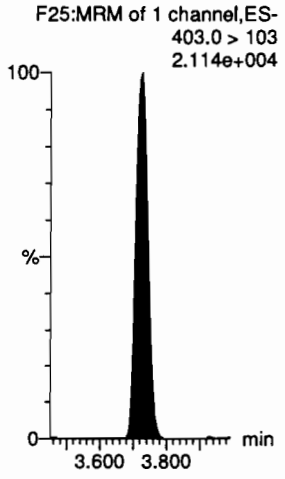
13C5-PFHxA



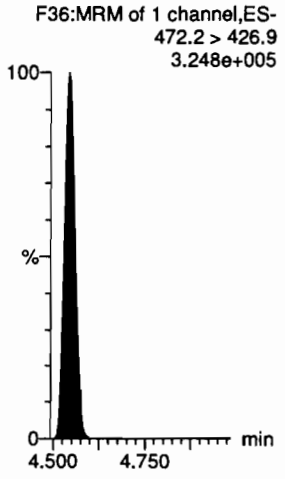
13C8-PFOA



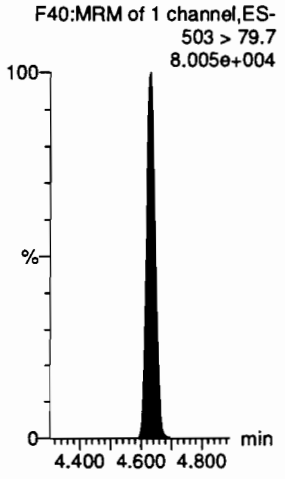
18O2-PFHxS



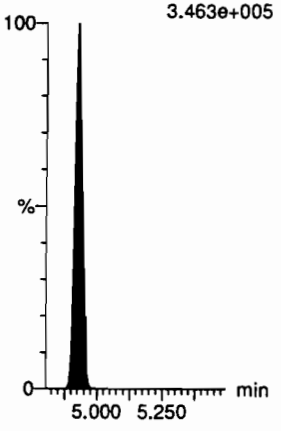
13C9-PFNA



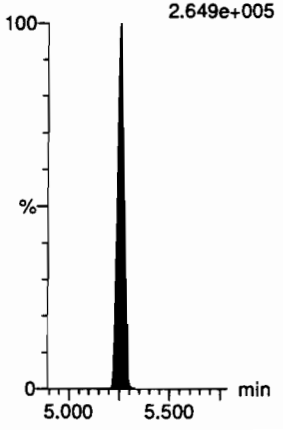
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Thursday, May 28, 2020 09:06:51 Pacific Daylight Time
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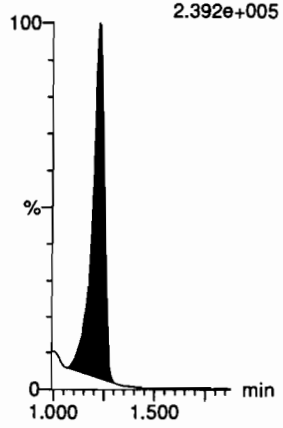
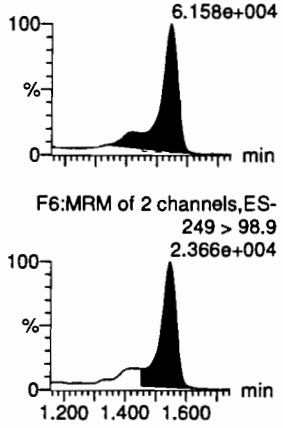
Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

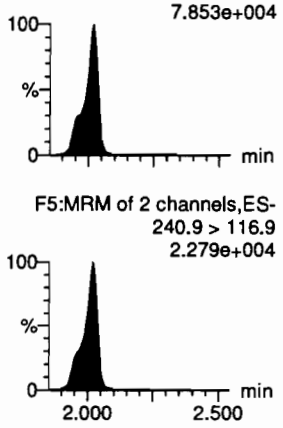
PFBA



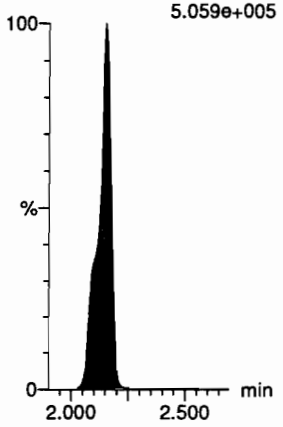
PFPrS



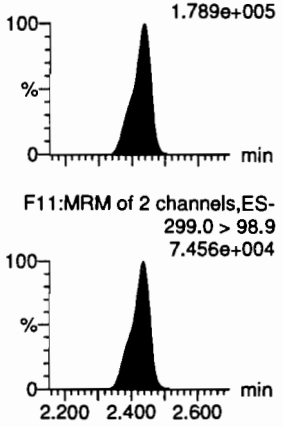
3:3 FTCA



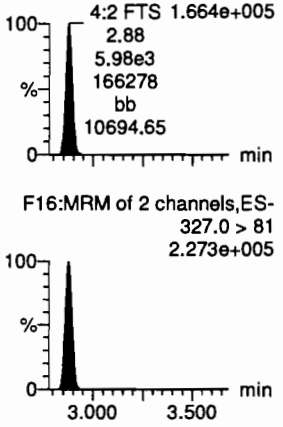
PFPeA



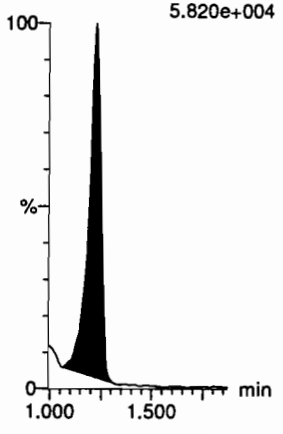
PFBS



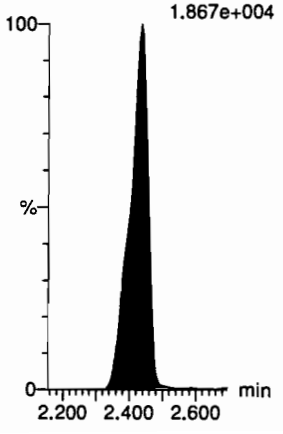
4:2 FTS



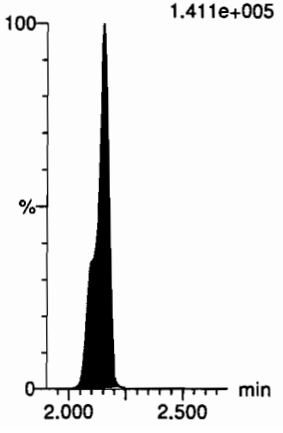
13C3-PFBA-EIS



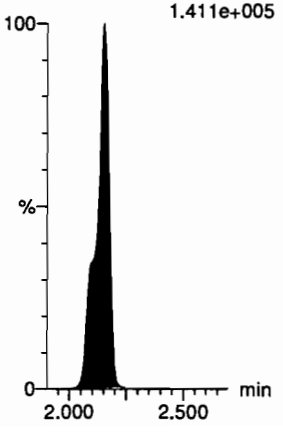
13C3-PFBS-EIS



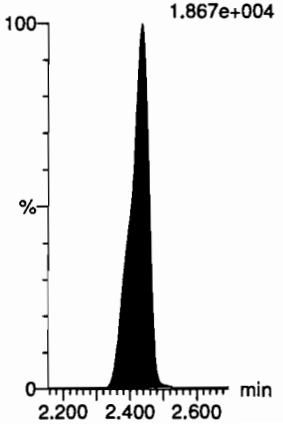
13C3-PFPeA-EIS



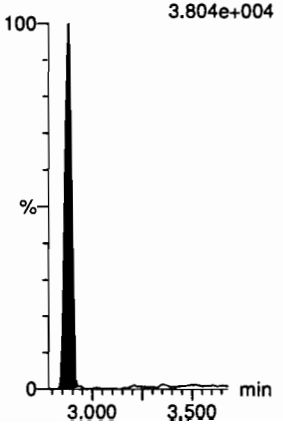
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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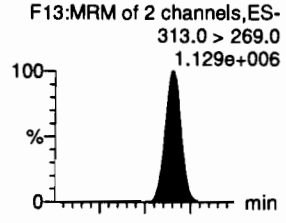
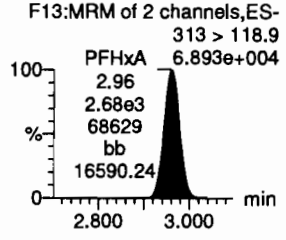
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

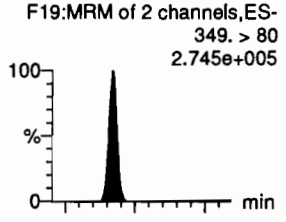
Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

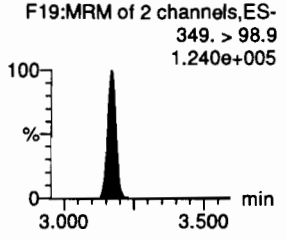
PFHxA



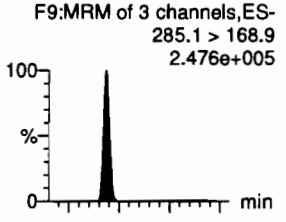


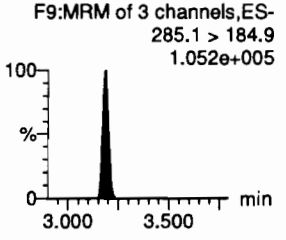
PFPeS



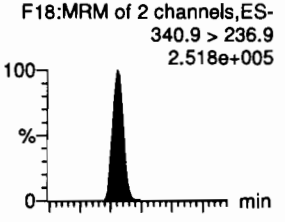


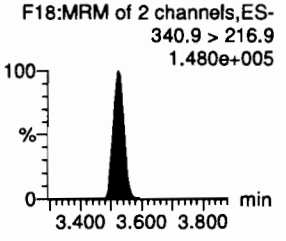
HFPO-DA



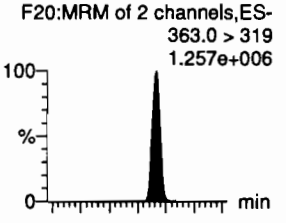


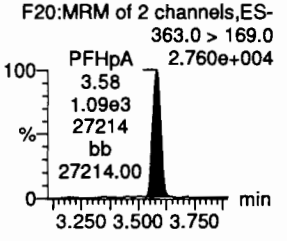
5:3 FTCA



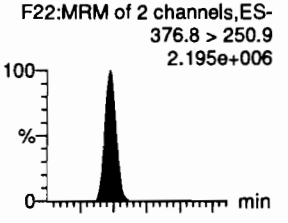


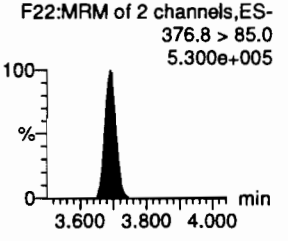
PFHpA



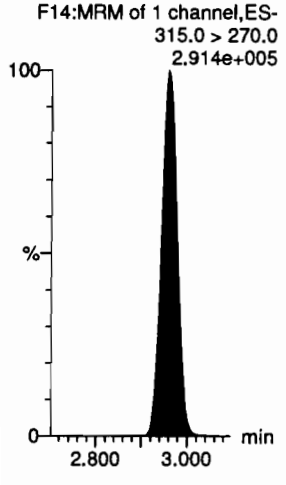


ADONA





13C2-PFHxA-EIS



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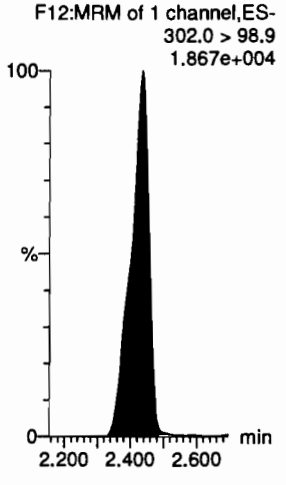

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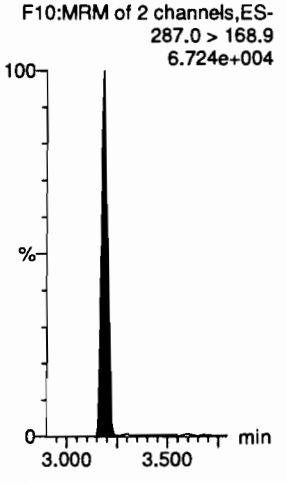

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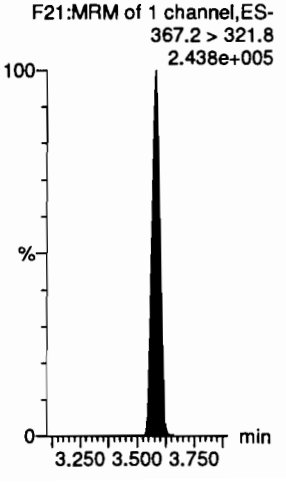

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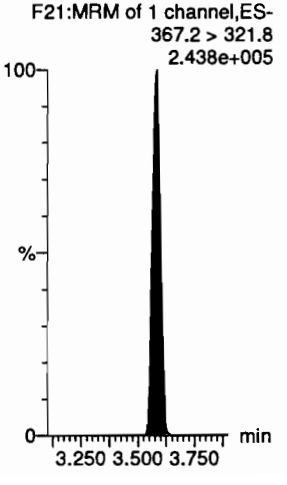

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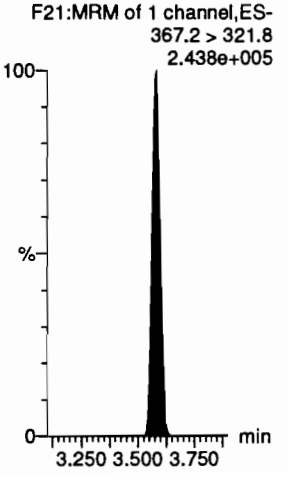

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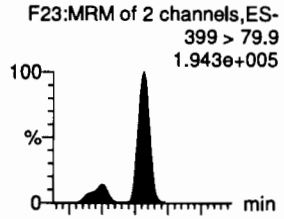
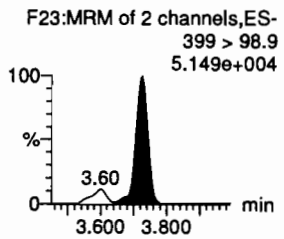
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

L-PFHxS





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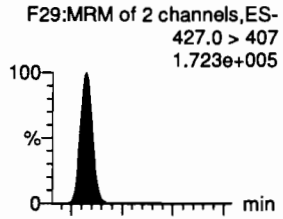

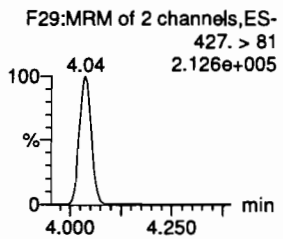

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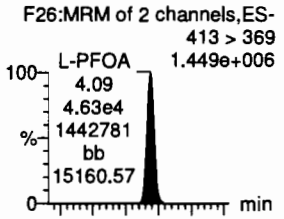

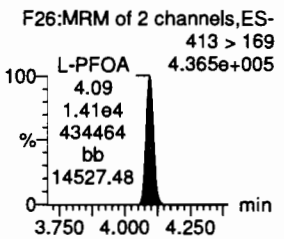

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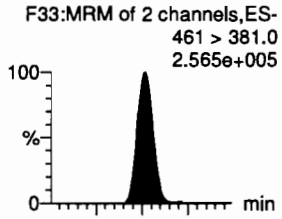

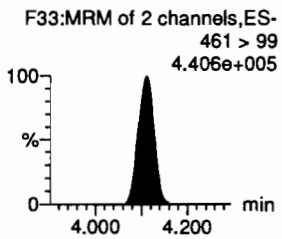

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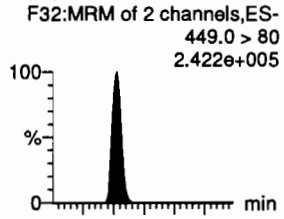
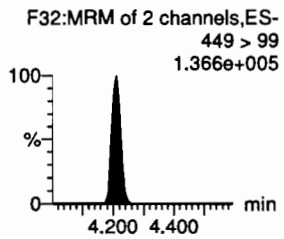
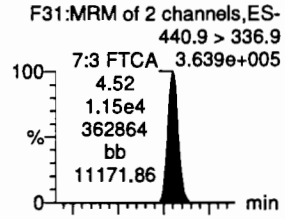
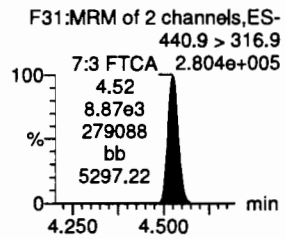




7:3 FTCA





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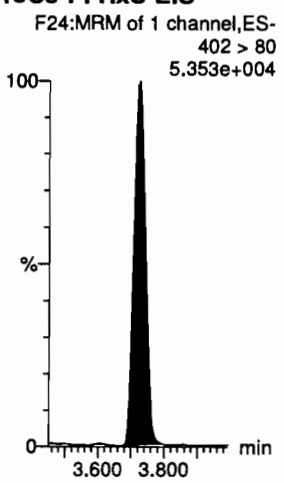

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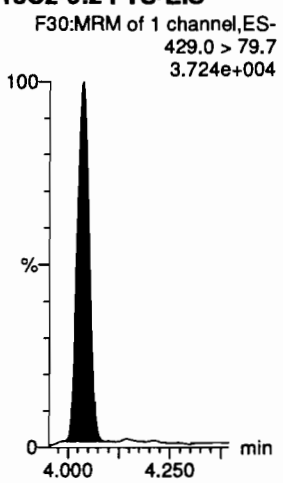

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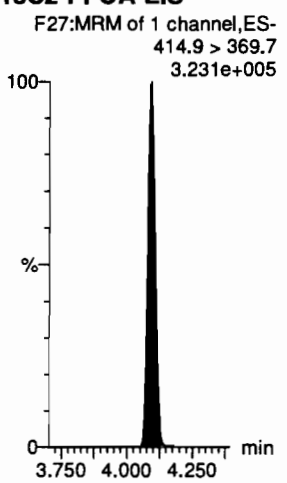

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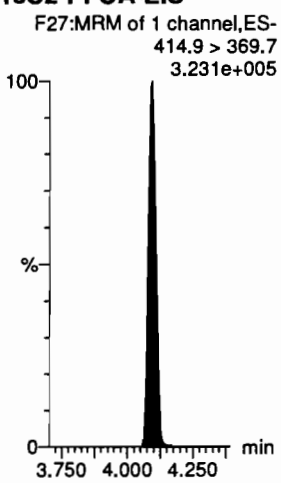
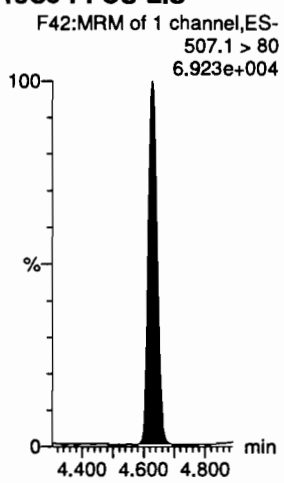
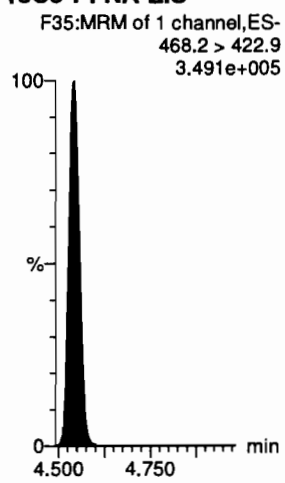


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

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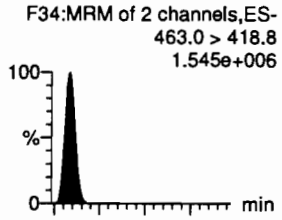

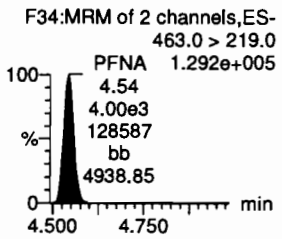

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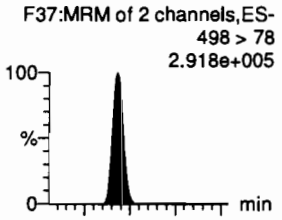
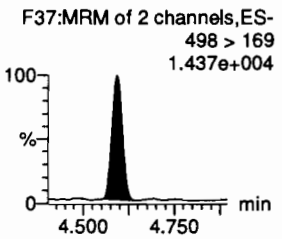
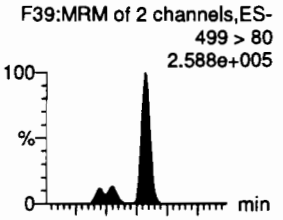
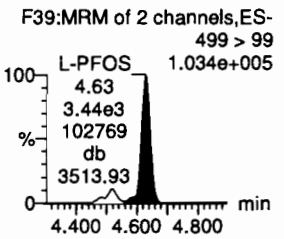




L-PFOS





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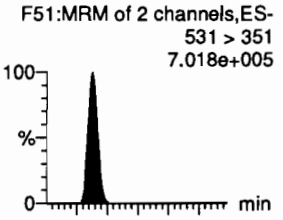

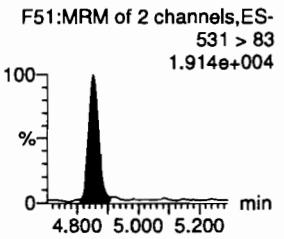

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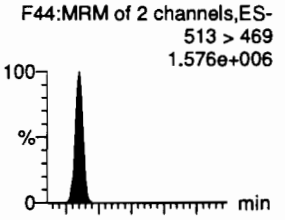
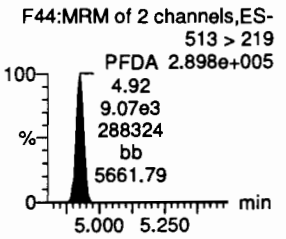
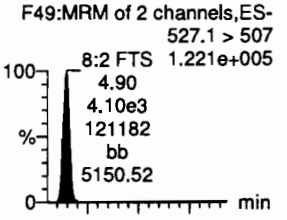
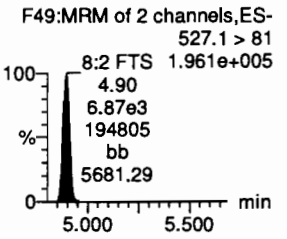


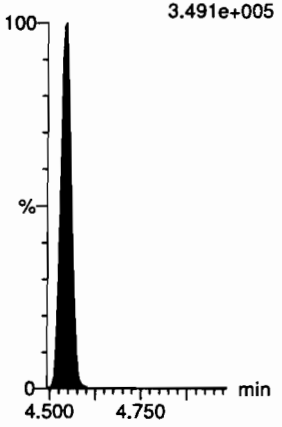


8:2 FTS





13C5-PFNA-EIS



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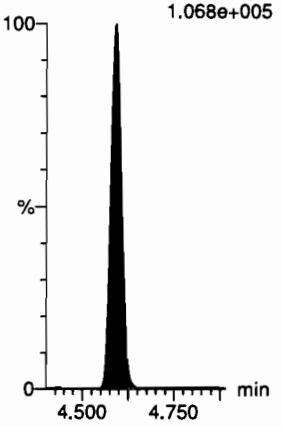

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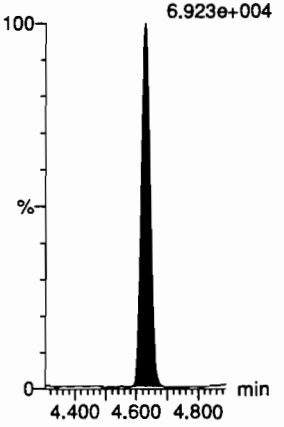

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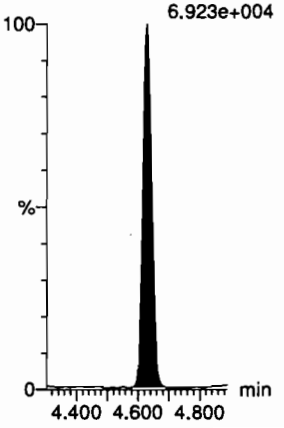

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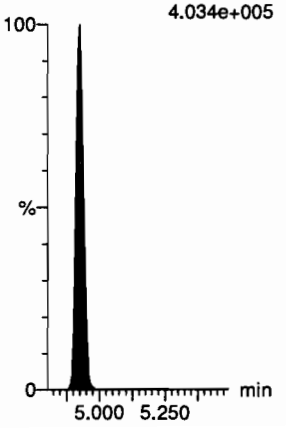

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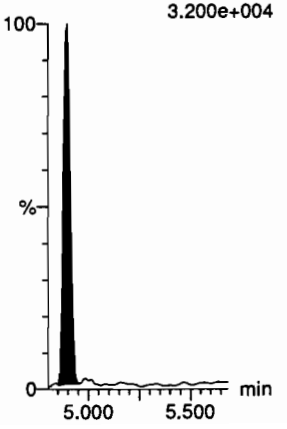

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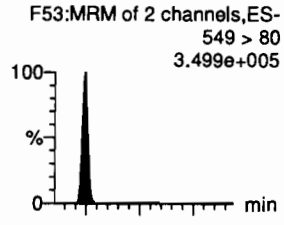

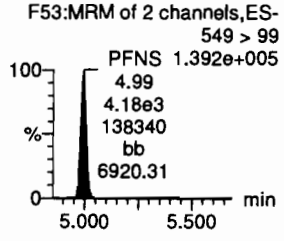

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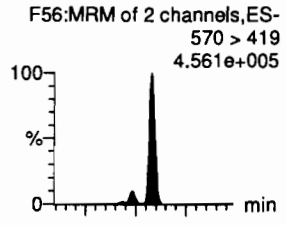
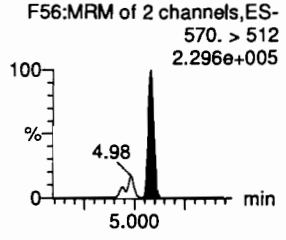
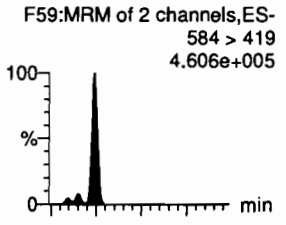
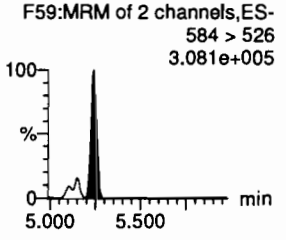


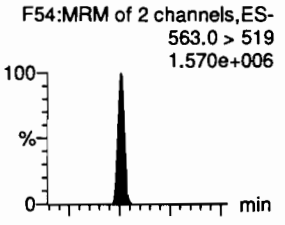


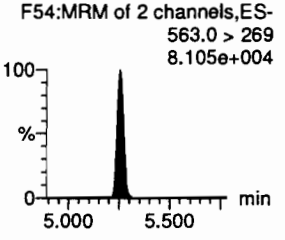
L-EtFOSAA





PFUdA





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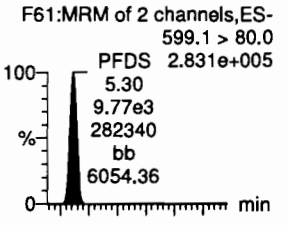

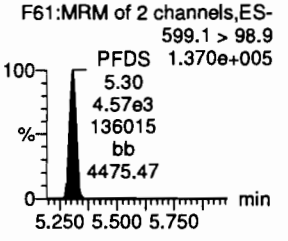

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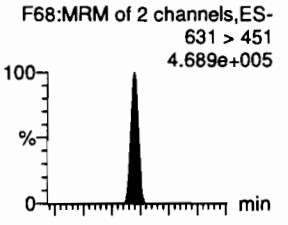
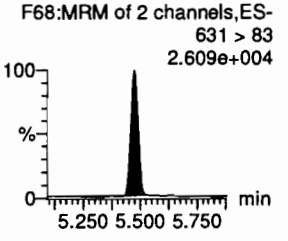
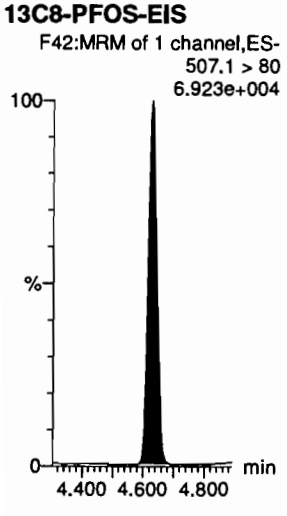
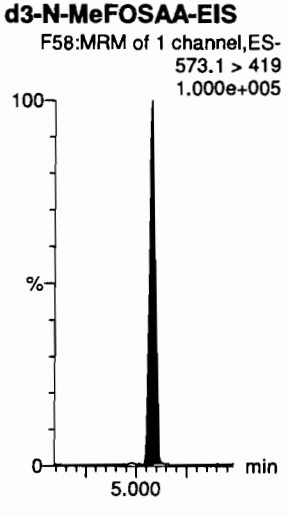




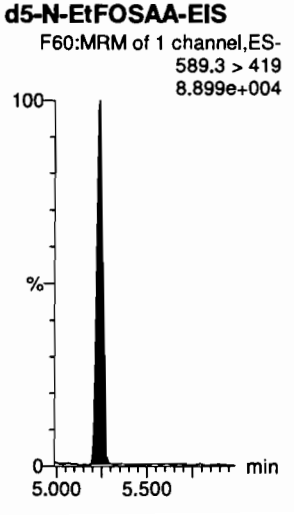
13C8-PFOS-EIS



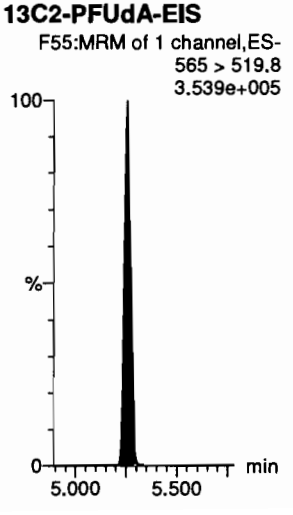
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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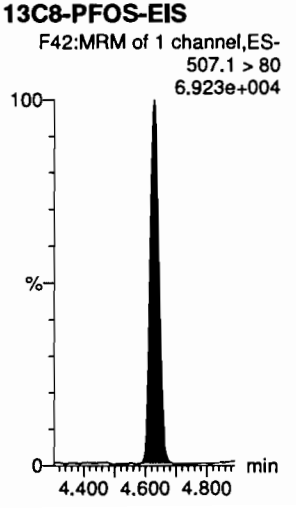
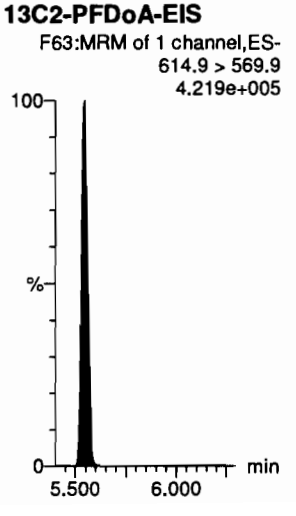


13C2-PFDoA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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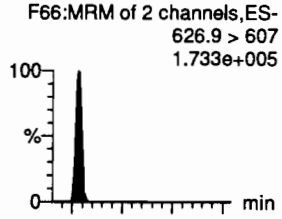
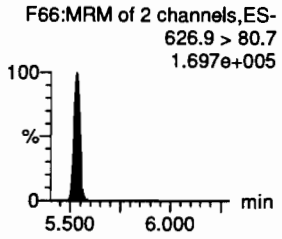
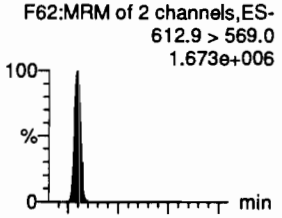
Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

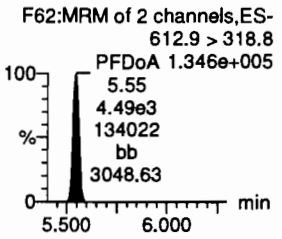
10:2 FTS



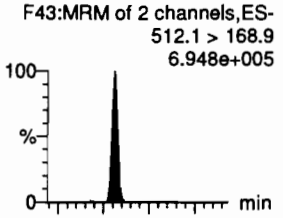


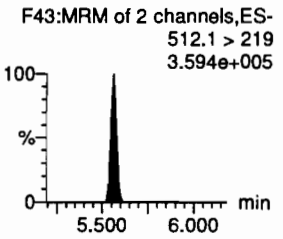
PFDoA





N-MeFOSA





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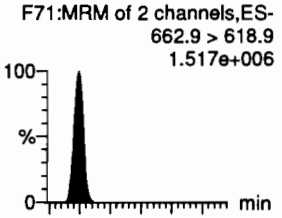
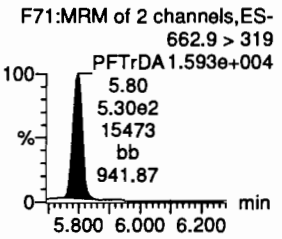
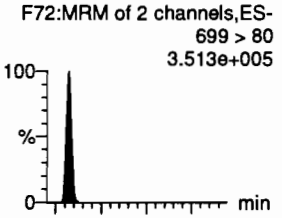
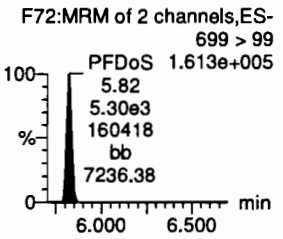




PFDoS





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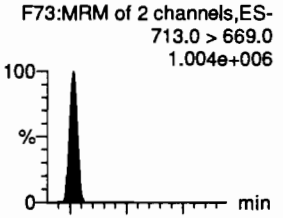
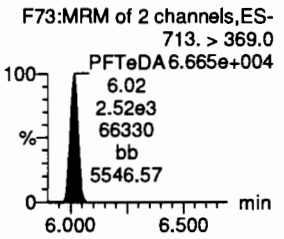
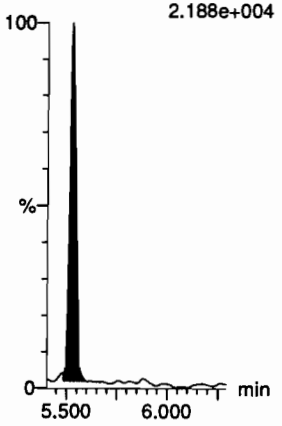
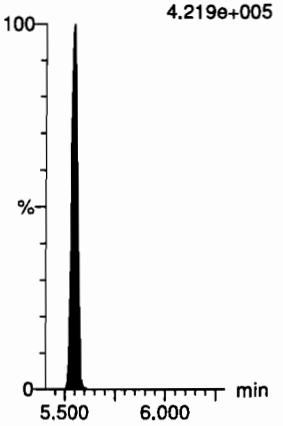




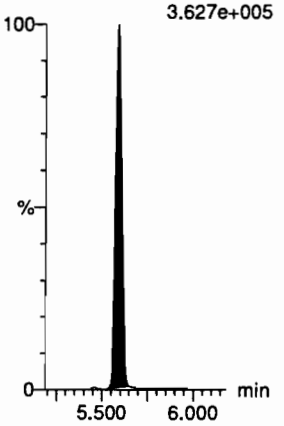
13C2-10:2 FTS-EIS



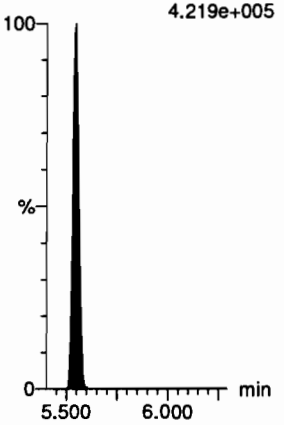
13C2-PFDoA-EIS



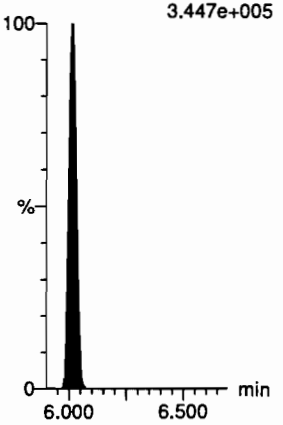
d3-N-MeFOSA-EIS



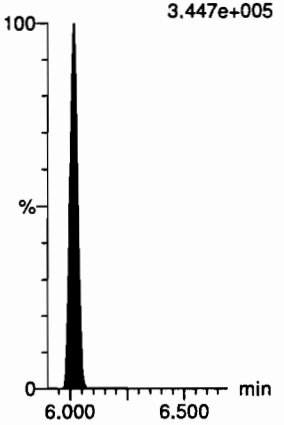
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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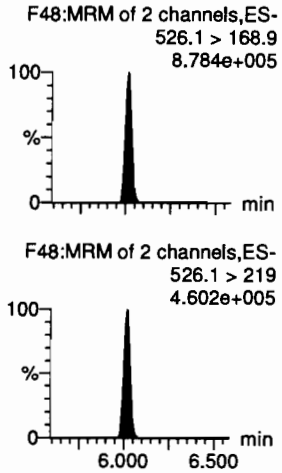
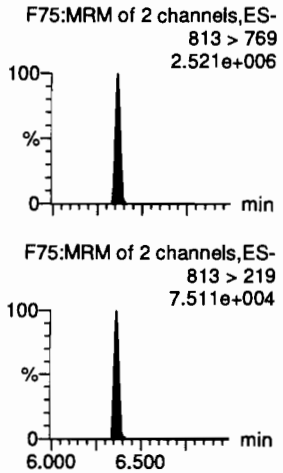
Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

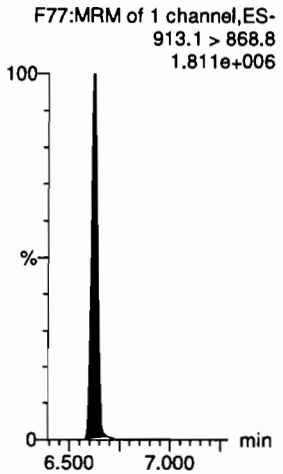
N-EtFOSA



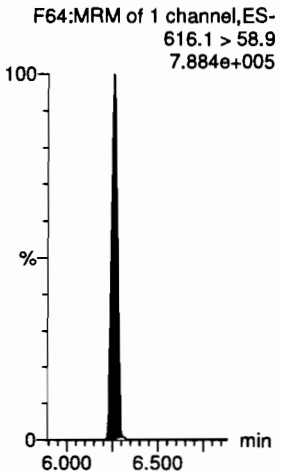
PFHxDA



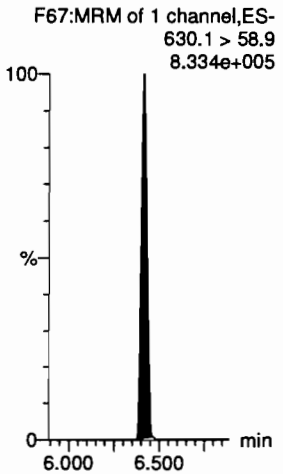
PFODA



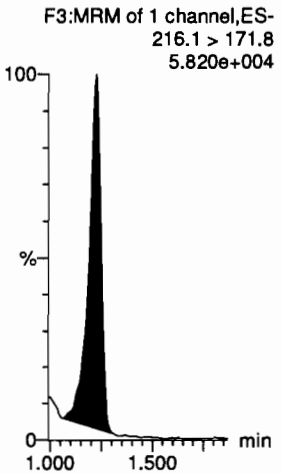
N-MeFOSE



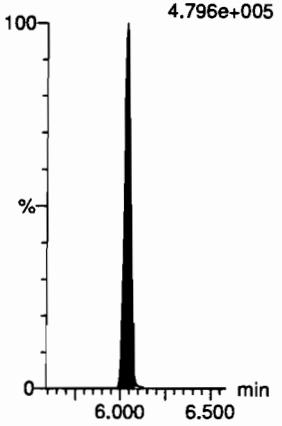
N-EtFOSE



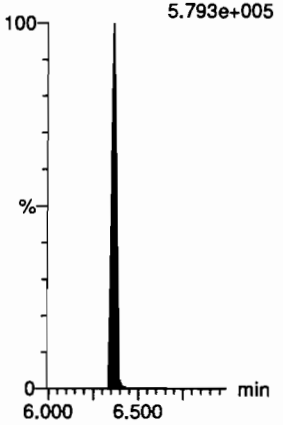
13C3-PFBA-RSD



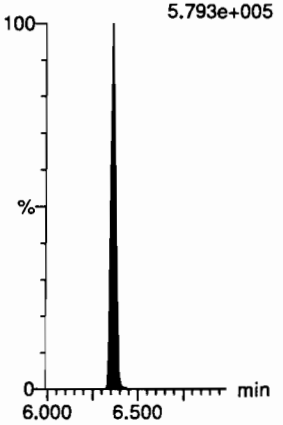
d5-N-ETFOSA-EIS



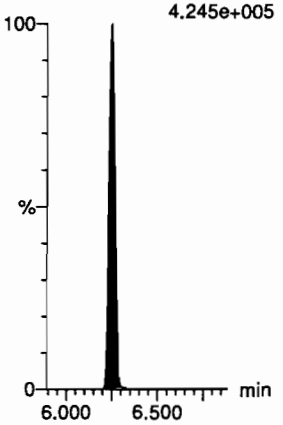
13C2-PFHxDA-EIS



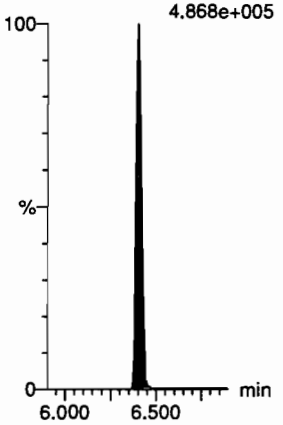
13C2-PFHxDA-EIS



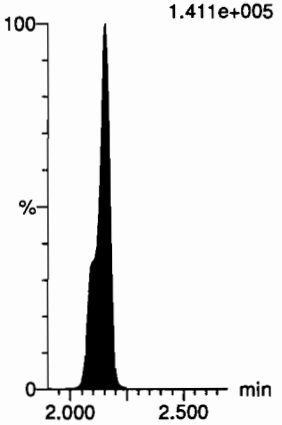
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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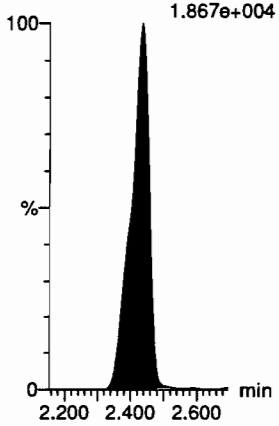
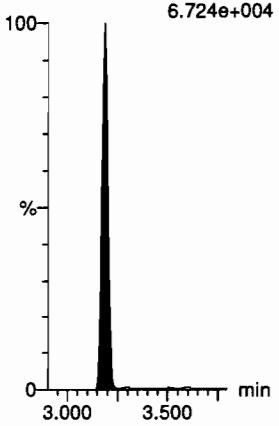
Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

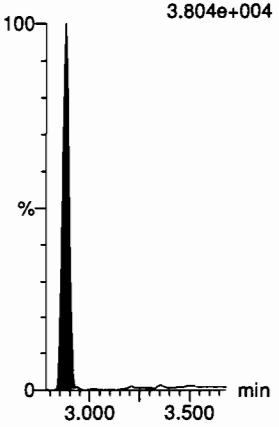
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.867e+004



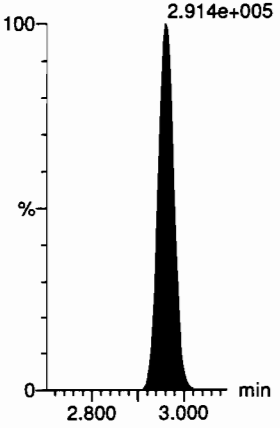
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.724e+004



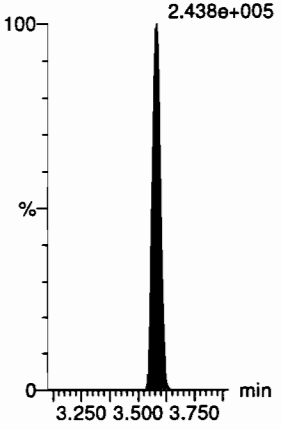
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.804e+004



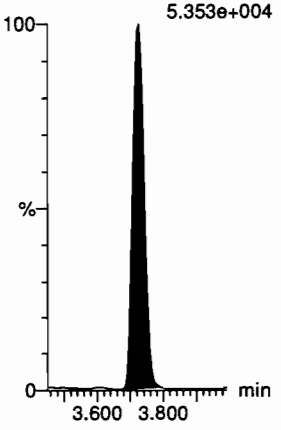
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.914e+005



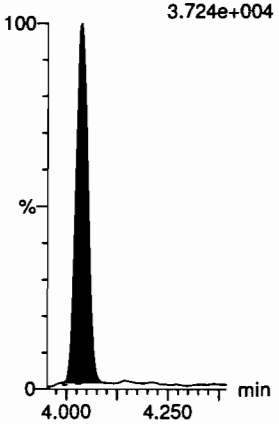
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.438e+005



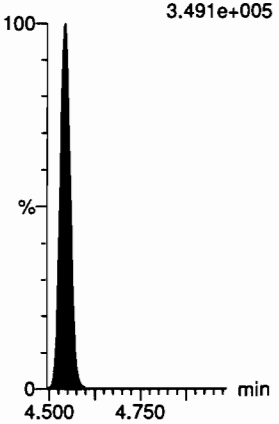
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.353e+004



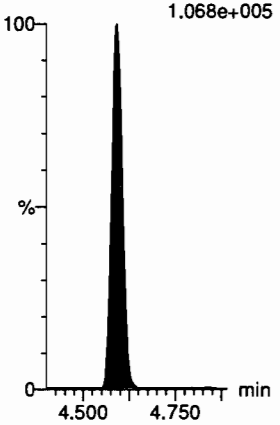
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.724e+004



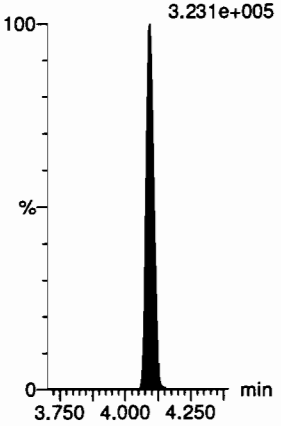
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.491e+005



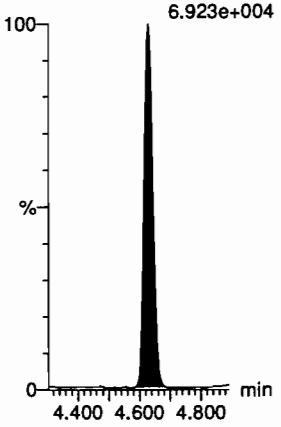
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.068e+005



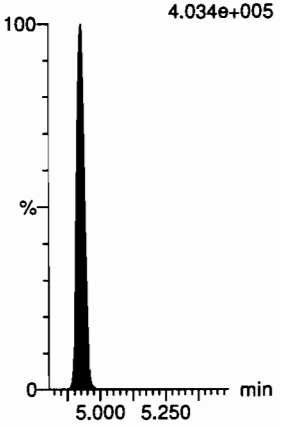
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.231e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.923e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.034e+005



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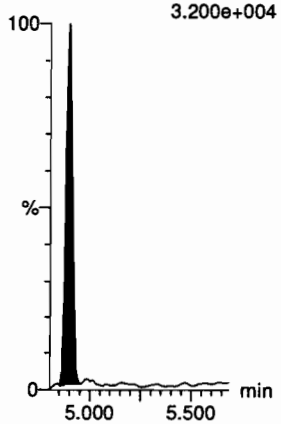
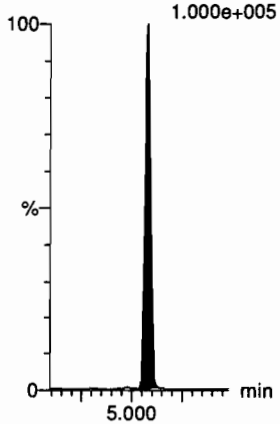
Last Altered: Thursday, May 28, 2020 09:06:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:09:33 Pacific Daylight Time

Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

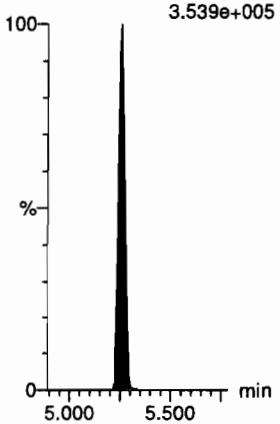
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.200e+004



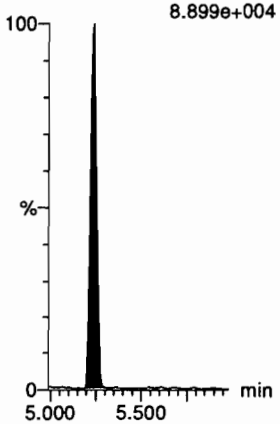
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.000e+005



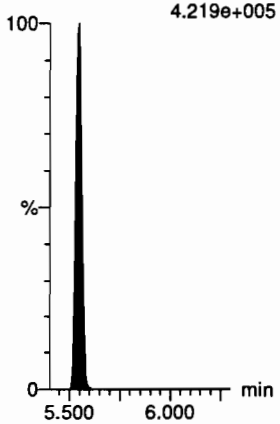
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.539e+005



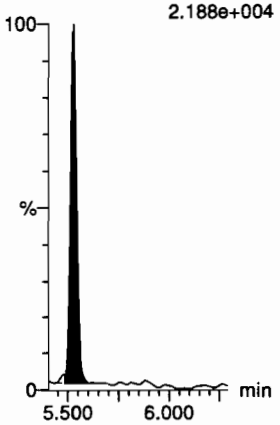
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
8.899e+004



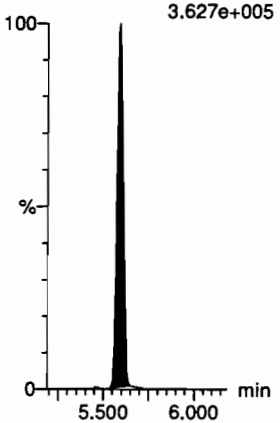
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.219e+005



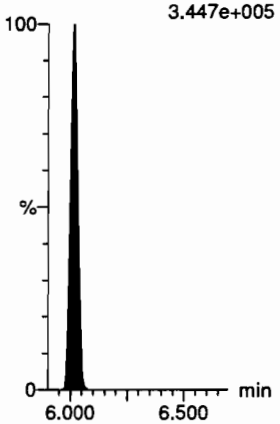
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.188e+004



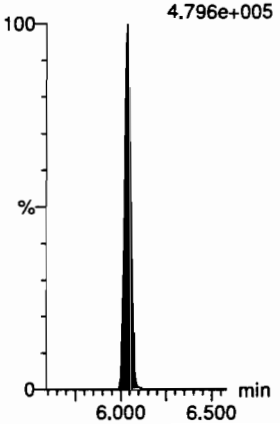
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.627e+005



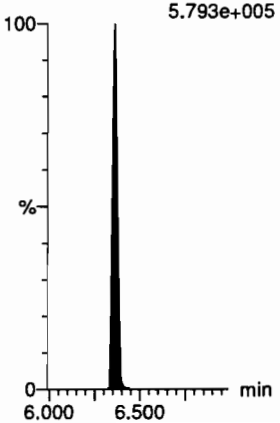
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.447e+005



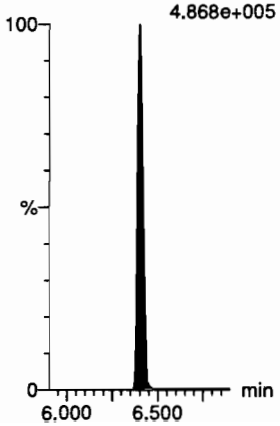
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.796e+005



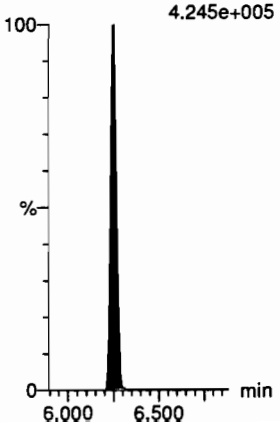
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.793e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.868e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.245e+005

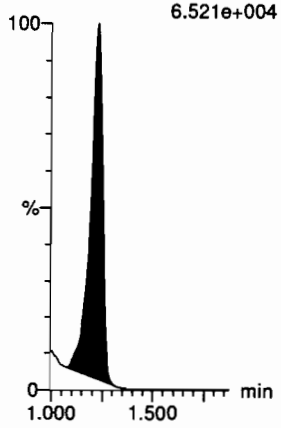


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

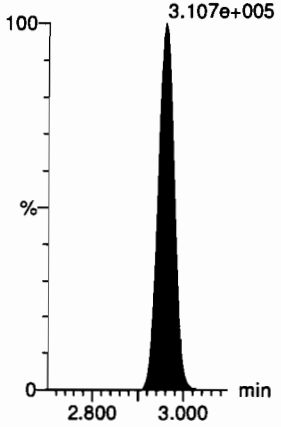
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-11, Date: 27-May-2020, Time: 13:55:18, ID: ST200527P1-7 PFC CS4 20E0511, Description: PFC CS4 20E0511

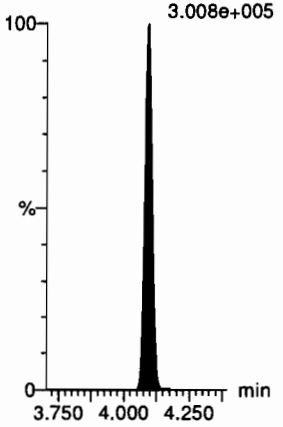
13C4-PFBA



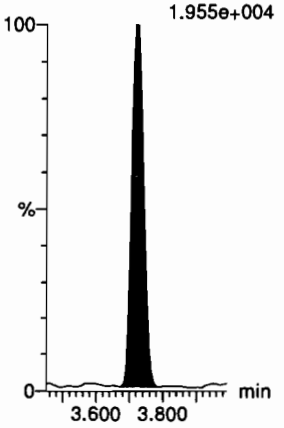
13C5-PFHxA



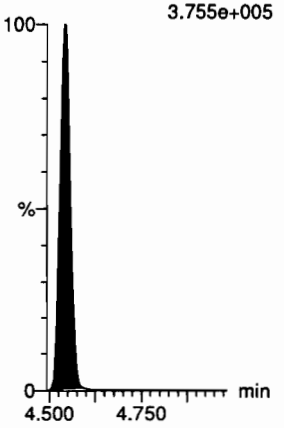
13C8-PFOA



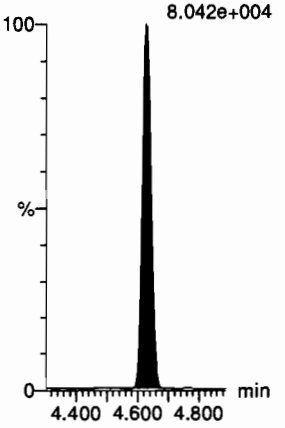
18O2-PFHxS



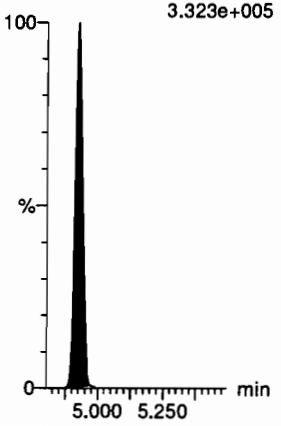
13C9-PFNA



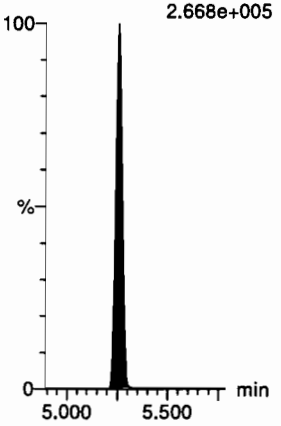
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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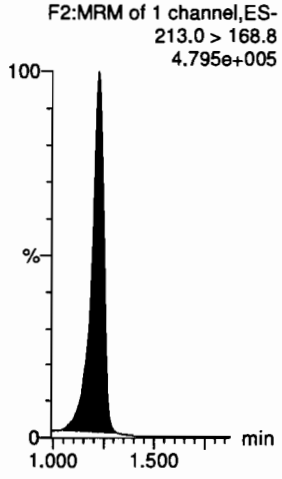
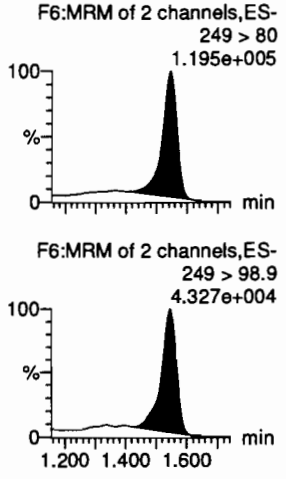
Last Altered: Thursday, May 28, 2020 09:06:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:09:33 Pacific Daylight Time

Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

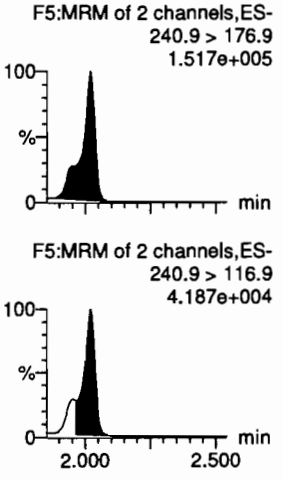
PFBA



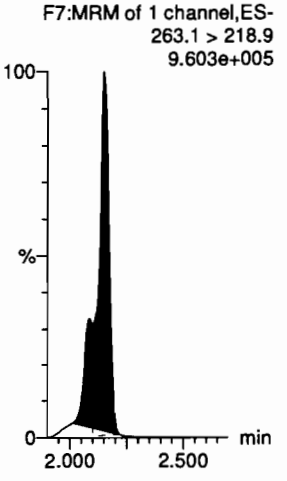
PFPrS



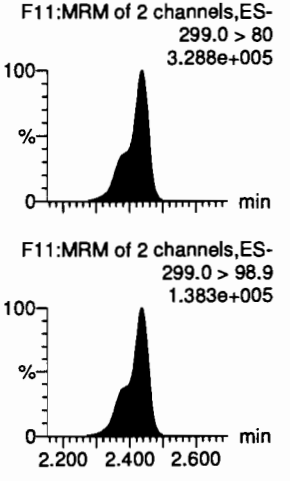
3:3 FTCA



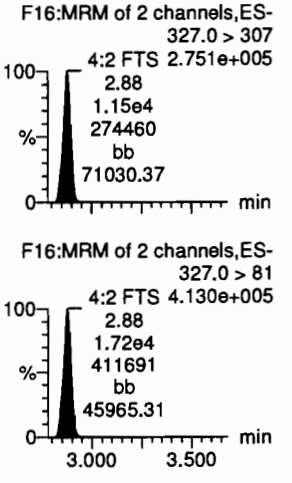
PFPeA



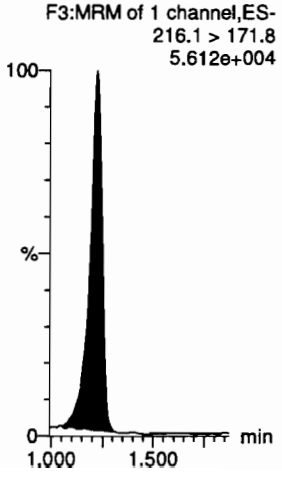
PFBS



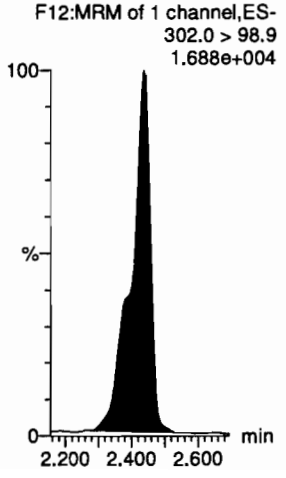
4:2 FTS



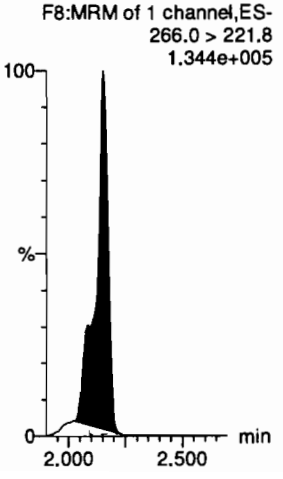
13C3-PFBA-EIS



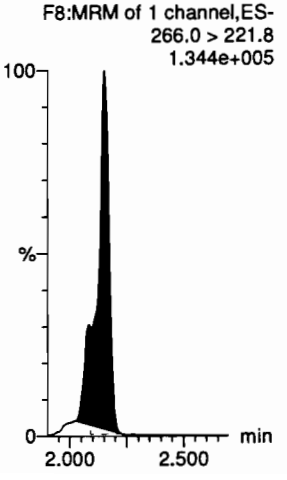
13C3-PFBS-EIS



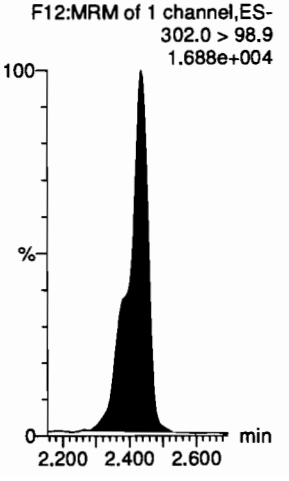
13C3-PFPeA-EIS



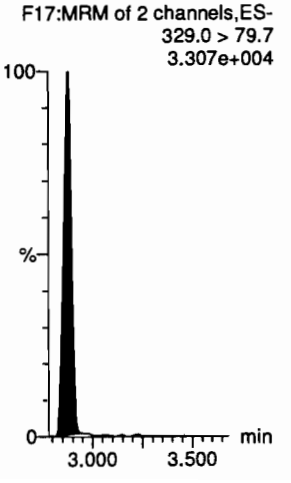
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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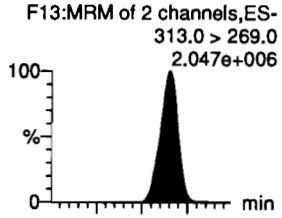
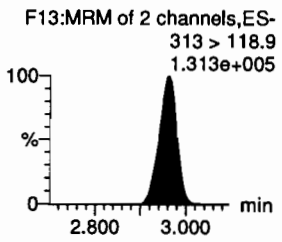
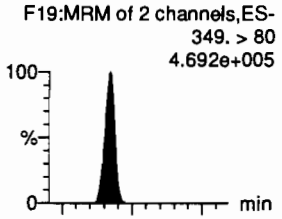
Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

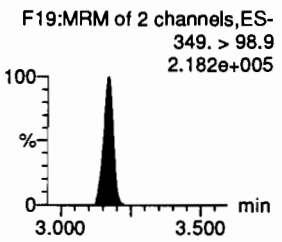
PFHxA



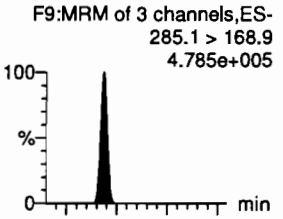


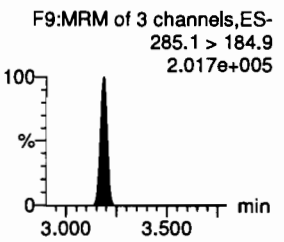
PFPeS



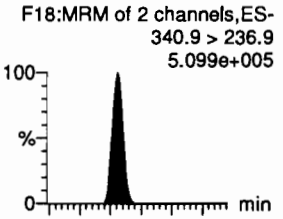


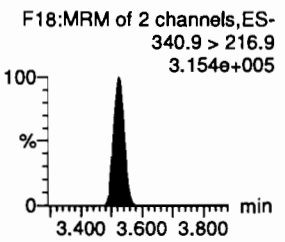
HFPO-DA



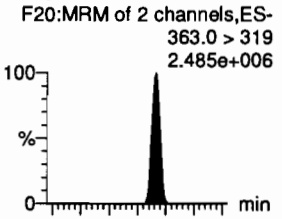


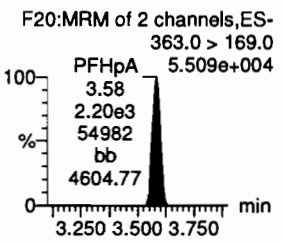
5:3 FTCA



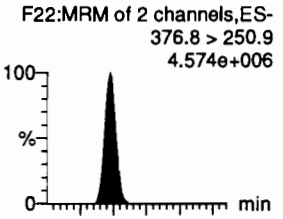


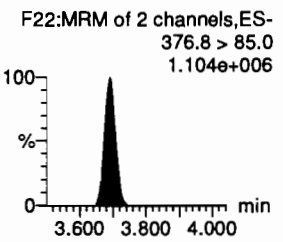
PFHpA



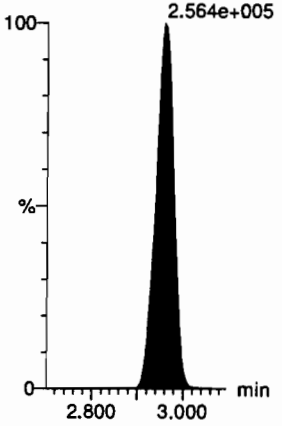


ADONA

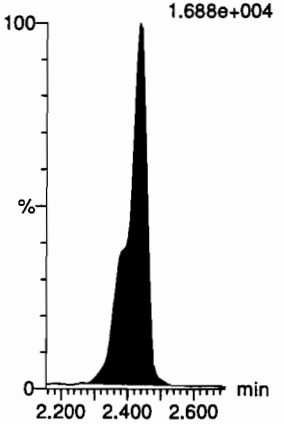




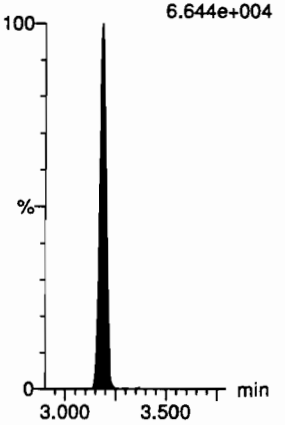
13C2-PFHxA-EIS



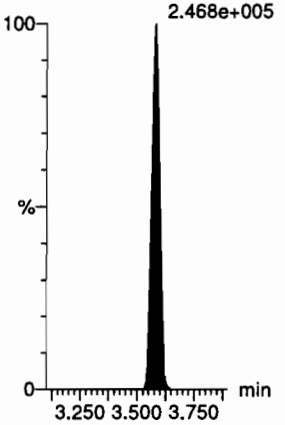
13C3-PFBS-EIS



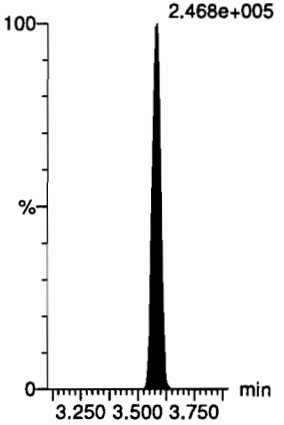
13C3-HFPO-DA-EIS



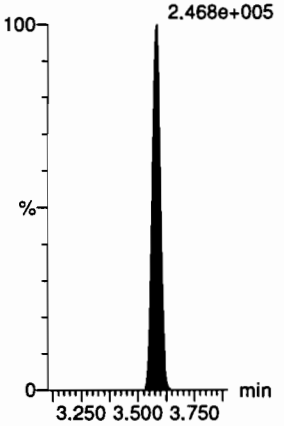
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

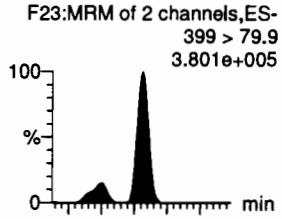


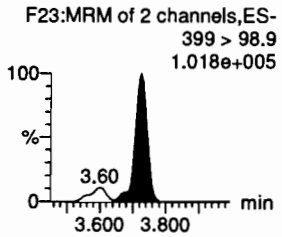
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

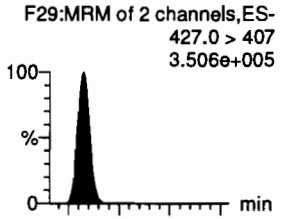
Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

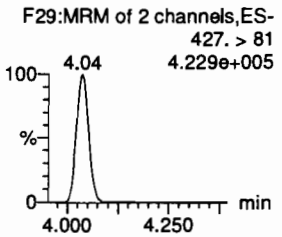
L-PFHxS





6:2 FTS





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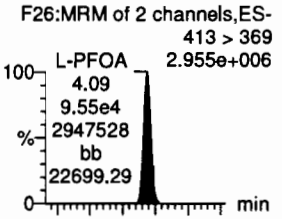

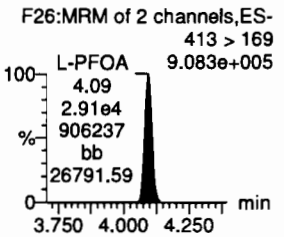

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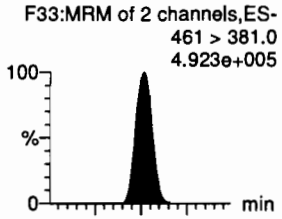

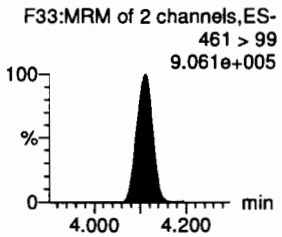

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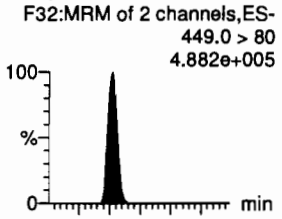
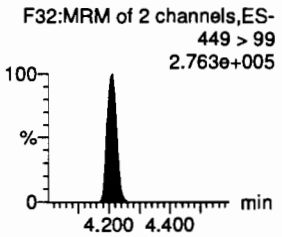
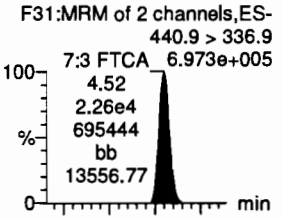
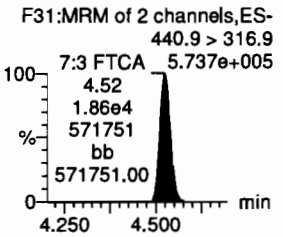


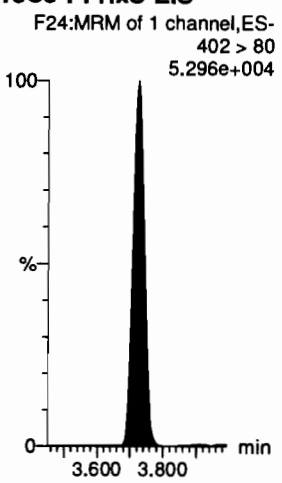


7:3 FTCA

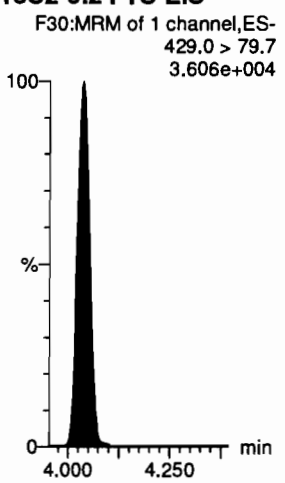




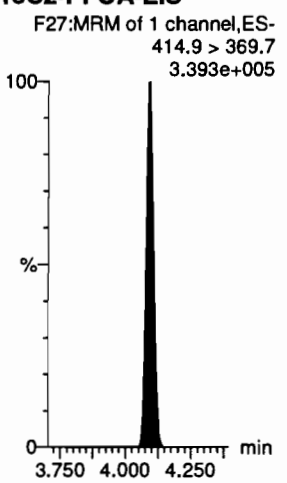
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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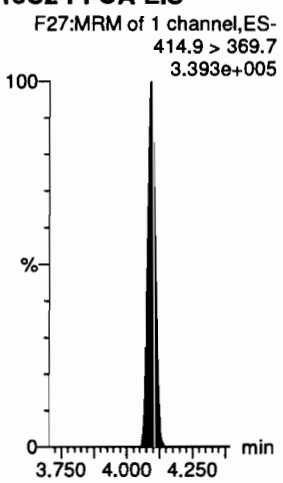
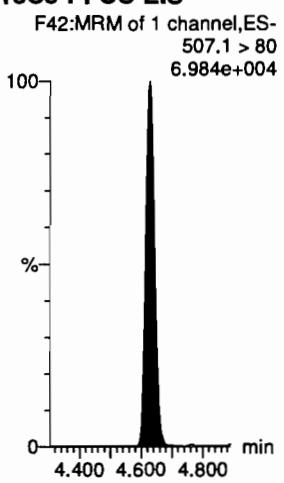
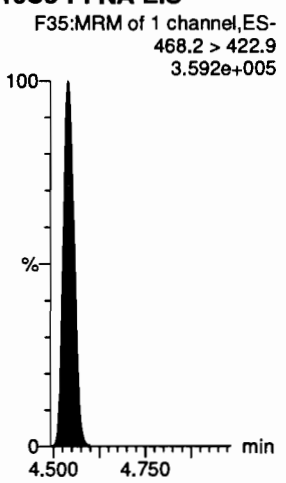


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

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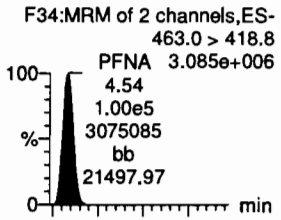

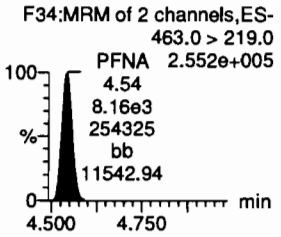

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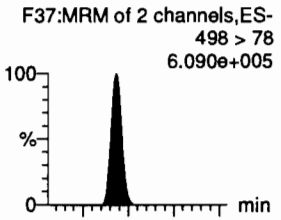
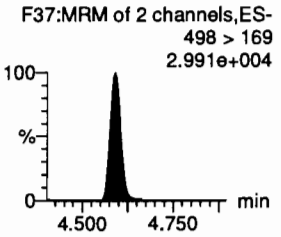
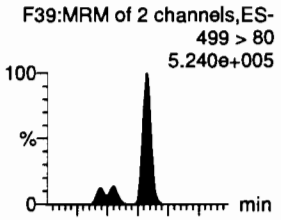
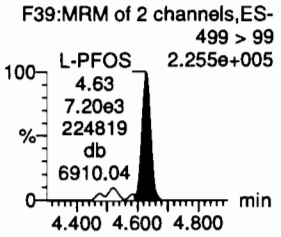


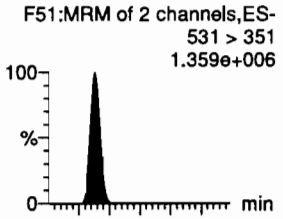


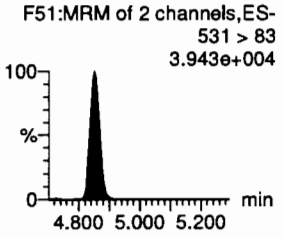
L-PFOS





9Cl-PF30NS





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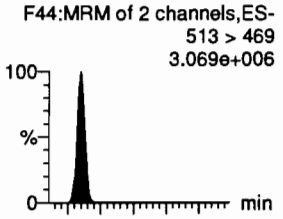
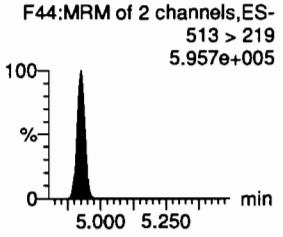
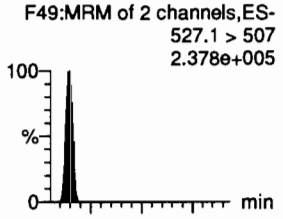
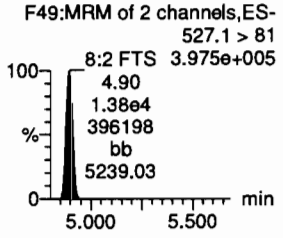




8:2 FTS





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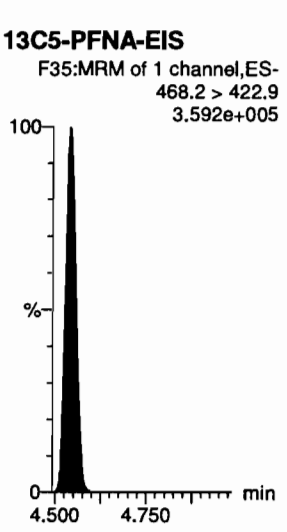

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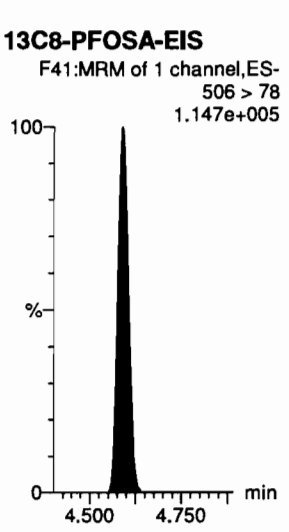

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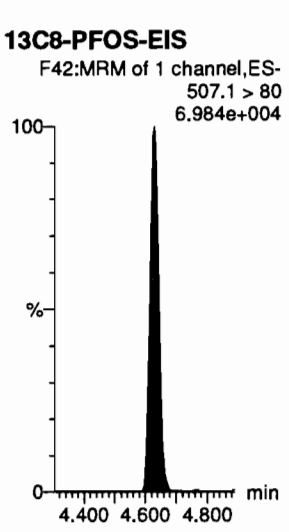

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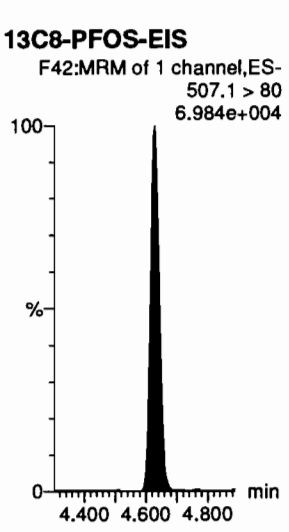
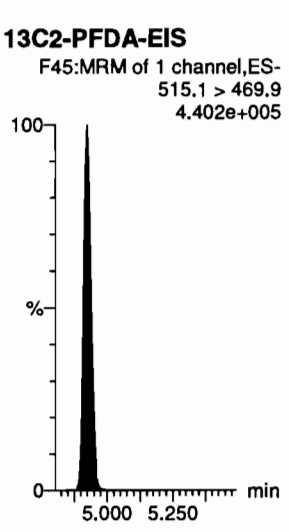


13C2-PFDA-EIS



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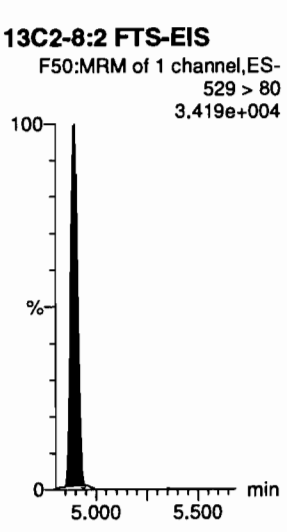

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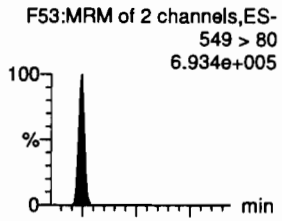
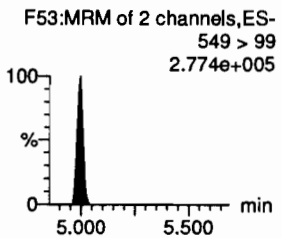
Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

PFNS





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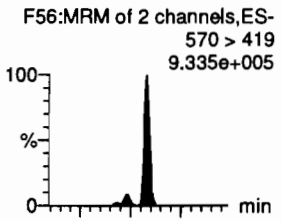
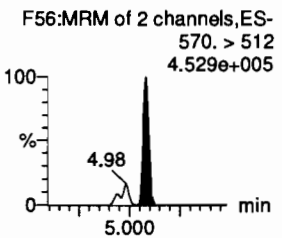
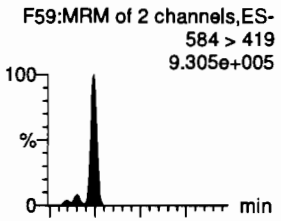
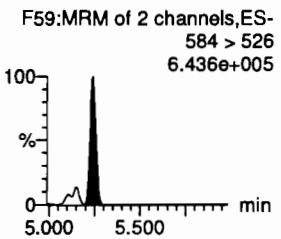


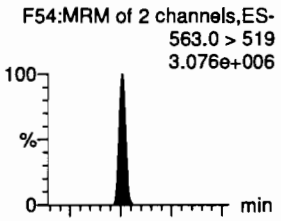


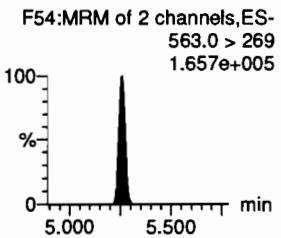
L-EtFOSAA





PFUdA





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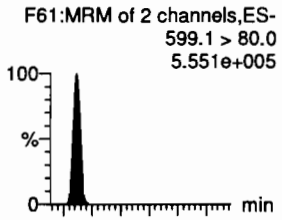

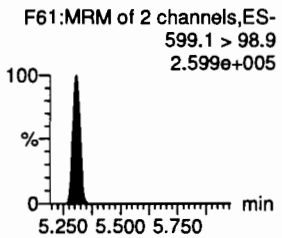

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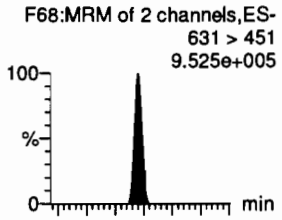
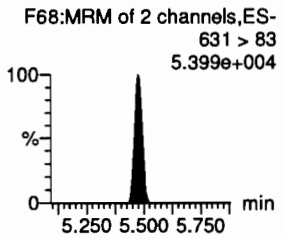
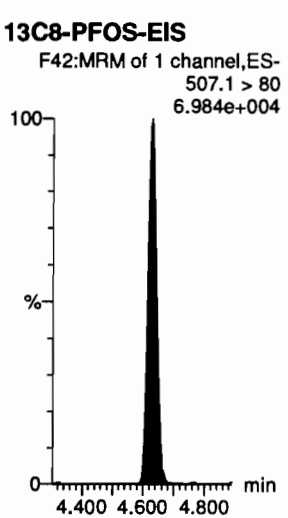




13C8-PFOS-EIS



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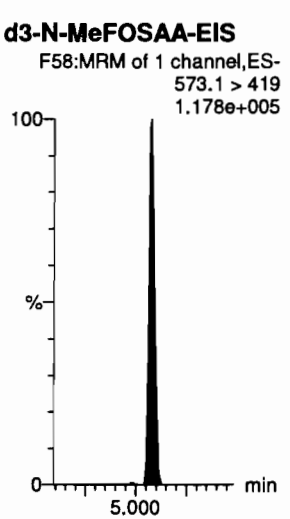

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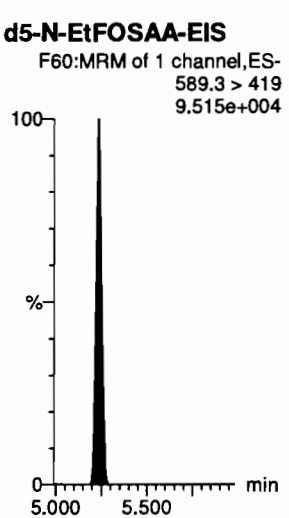

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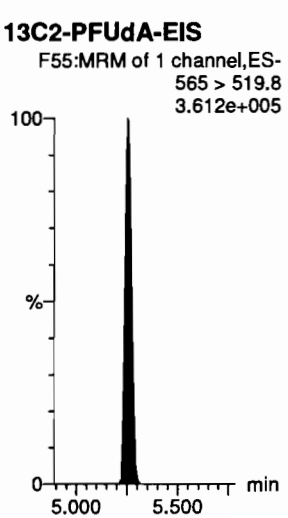

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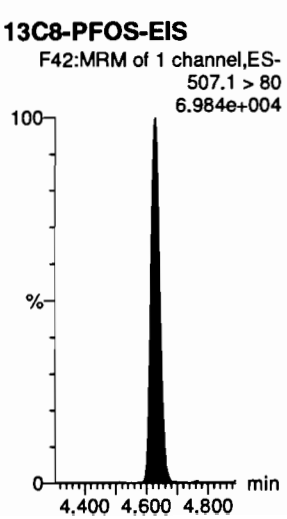
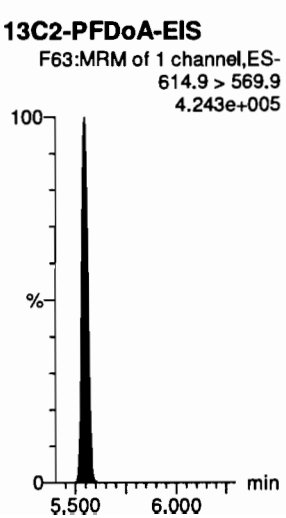


13C2-PFDoA-EIS

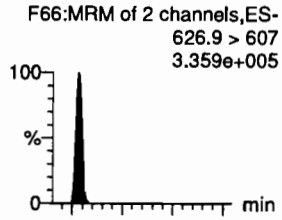


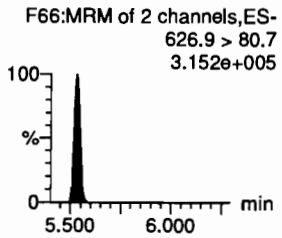
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

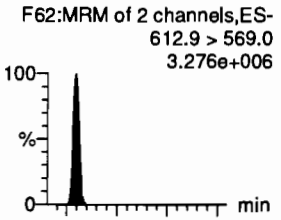
Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

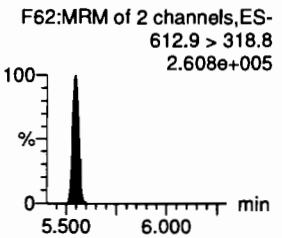
10:2 FTS



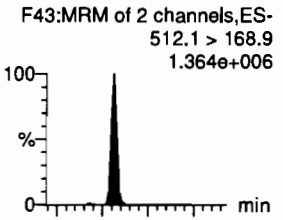


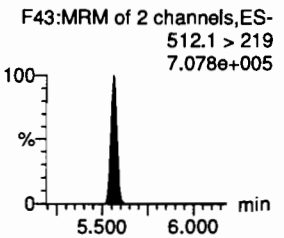
PFDoA





N-MeFOSA





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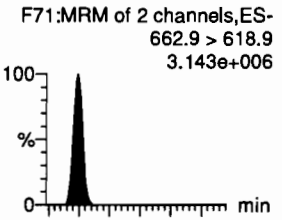
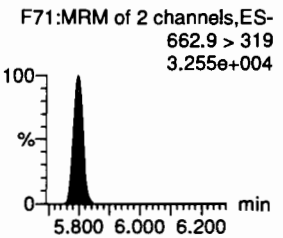
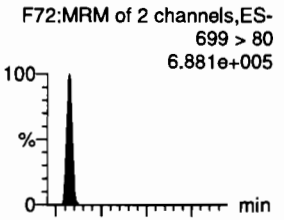
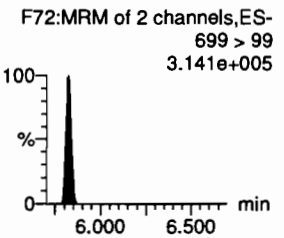




PFDoS





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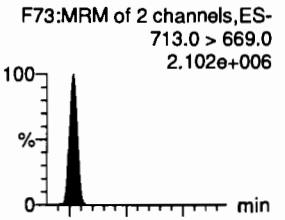
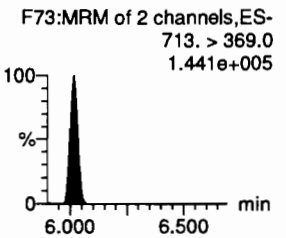
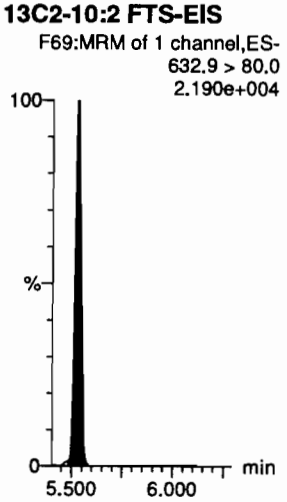
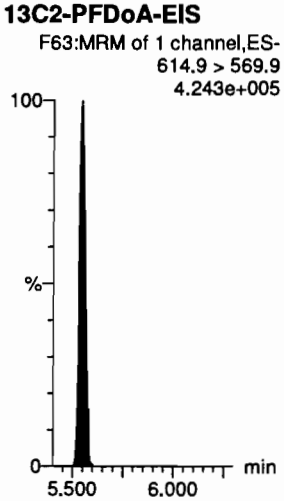




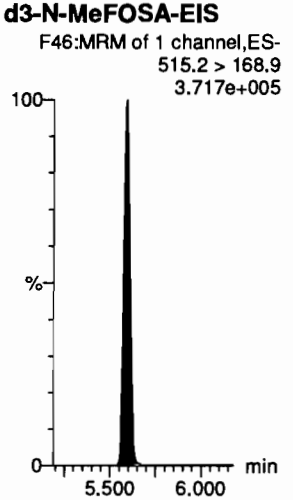
13C2-10:2 FTS-EIS



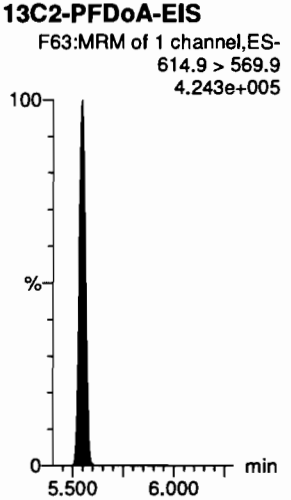
13C2-PFDoA-EIS



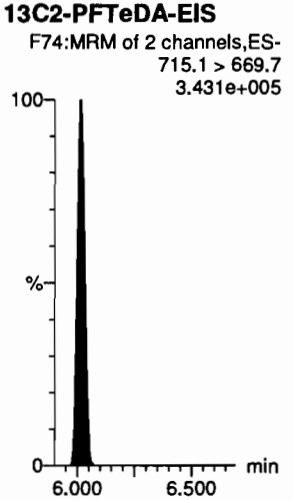
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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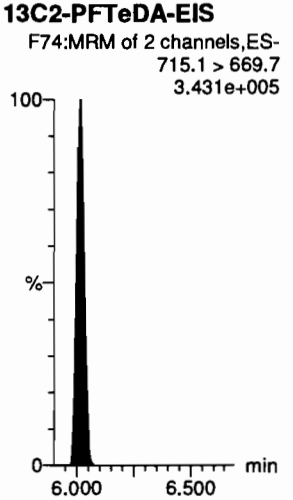

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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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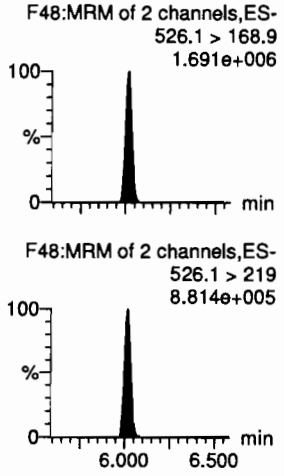
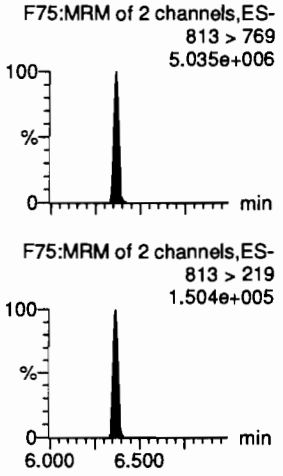
Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

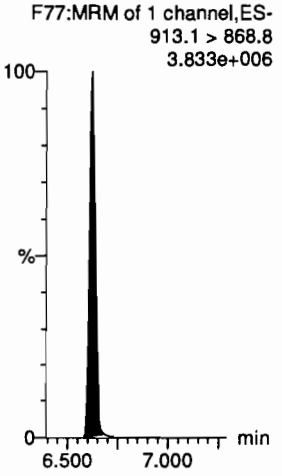
N-EtFOSA



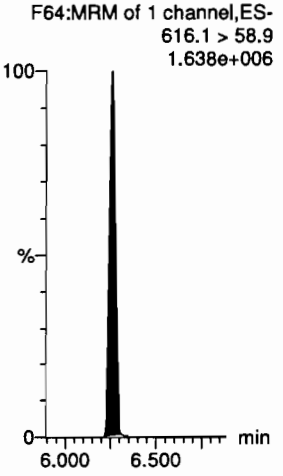
PFHxDA



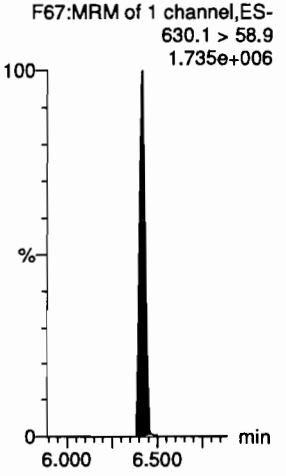
PFODA



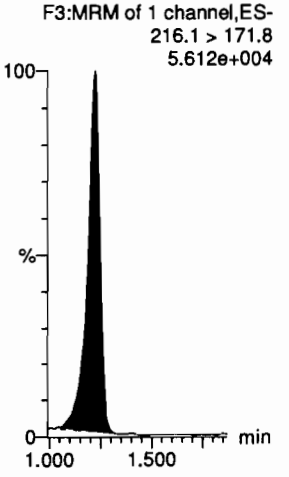
N-MeFOSE



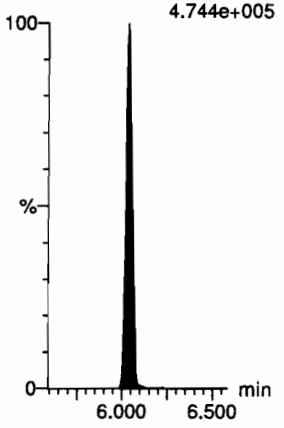
N-EtFOSE



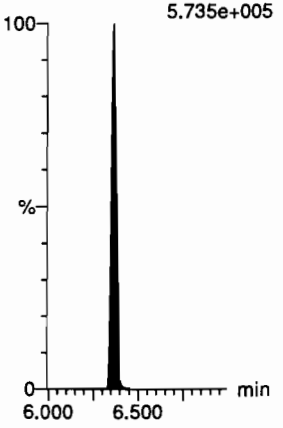
13C3-PFBA-RSD



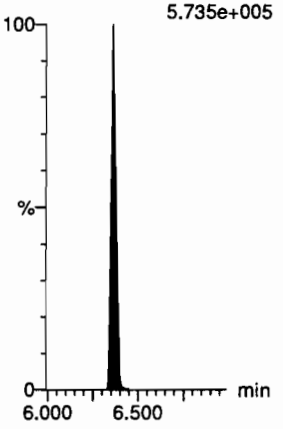
d5-N-ETFOSA-EIS



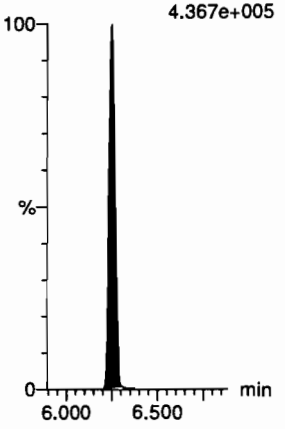
13C2-PFHxDA-EIS



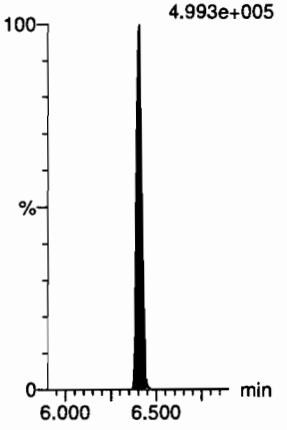
13C2-PFHxDA-EIS



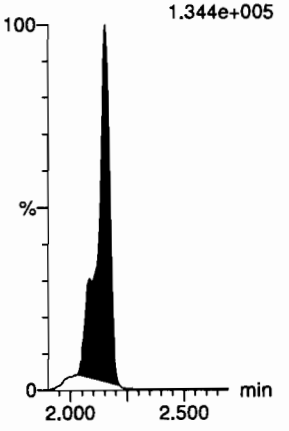
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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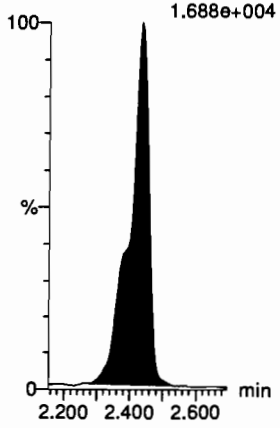
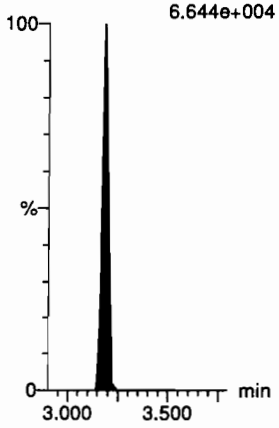
Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

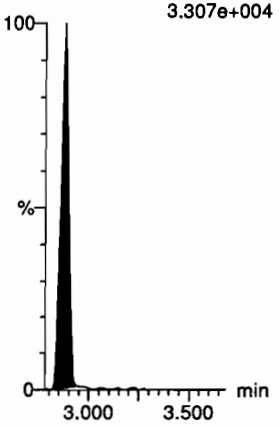
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.688e+004



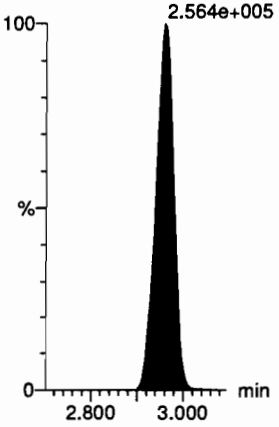
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.644e+004



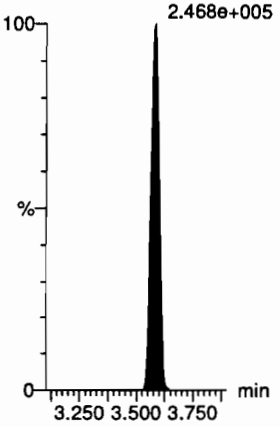
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.307e+004



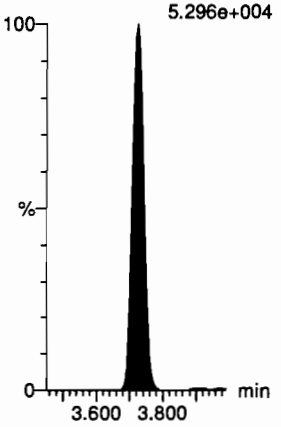
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.564e+005



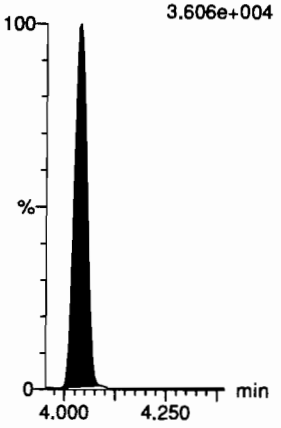
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.468e+005



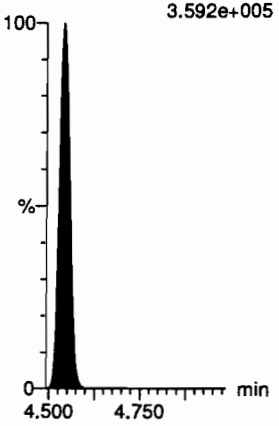
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.296e+004



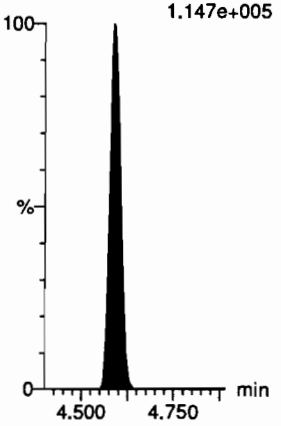
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.606e+004



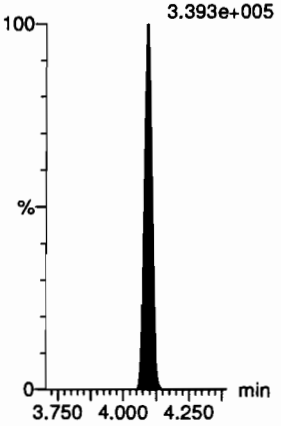
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.592e+005



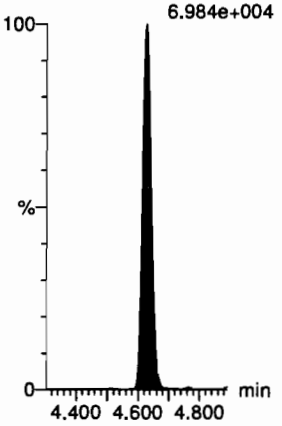
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.147e+005



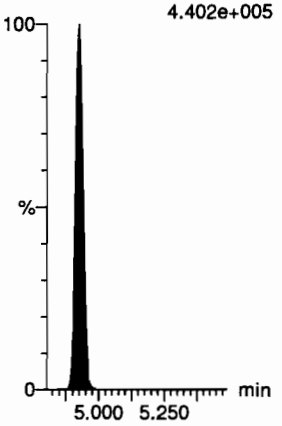
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.393e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.984e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.402e+005



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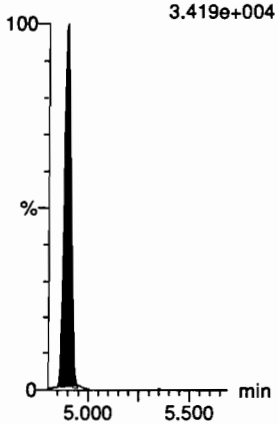
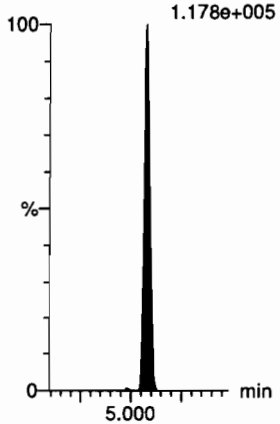
Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

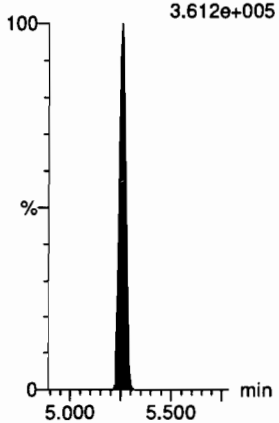
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.419e+004



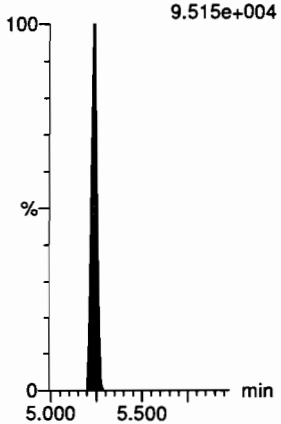
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.178e+005



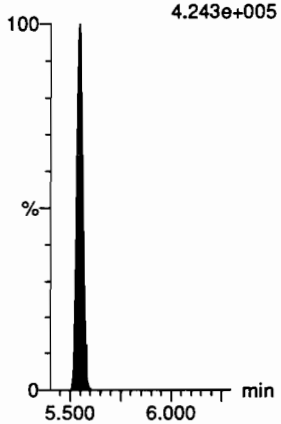
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.612e+005



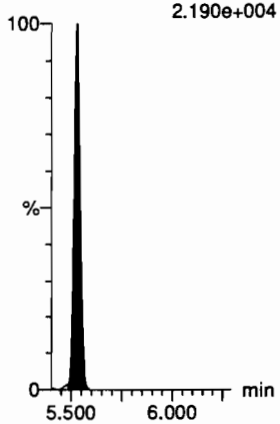
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.515e+004



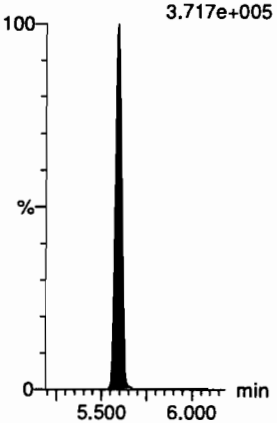
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.243e+005



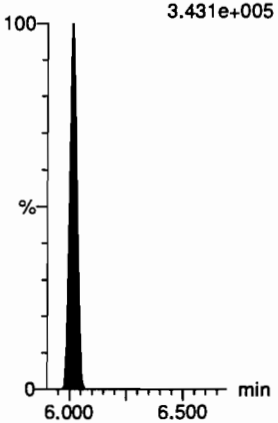
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.190e+004



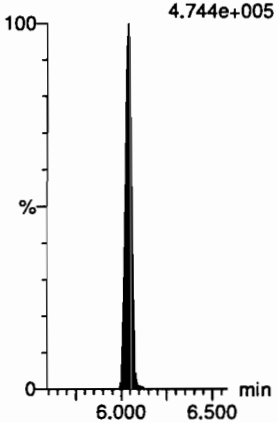
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.717e+005



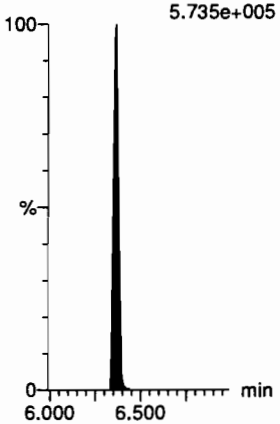
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.431e+005



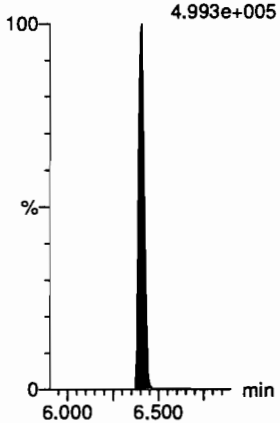
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.744e+005



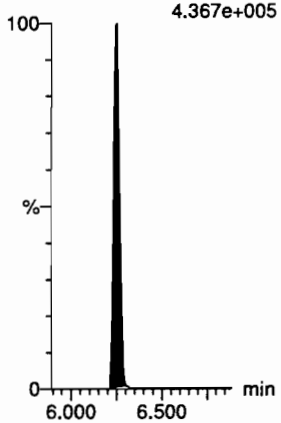
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.735e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.993e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.367e+005



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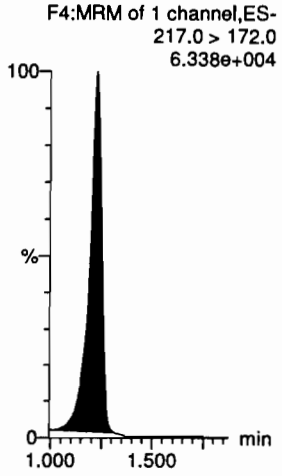
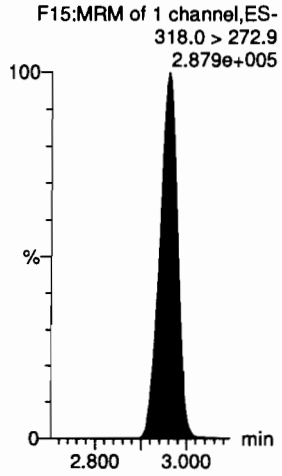
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-12, Date: 27-May-2020, Time: 14:05:49, ID: ST200527P1-8 PFC CS5 20E0512., Description: PFC CS5 20E0512

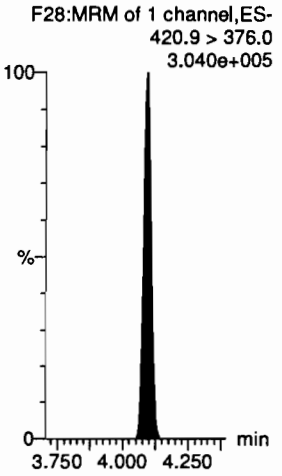
13C4-PFBA



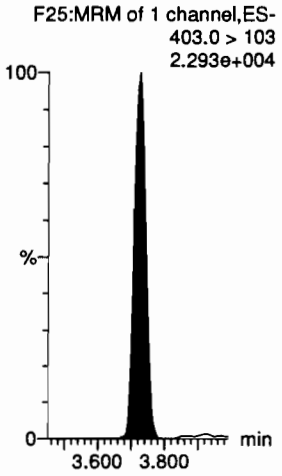
13C5-PFHxA



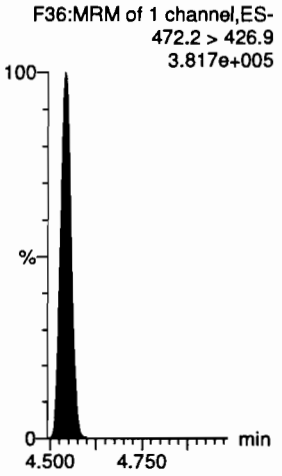
13C8-PFOA



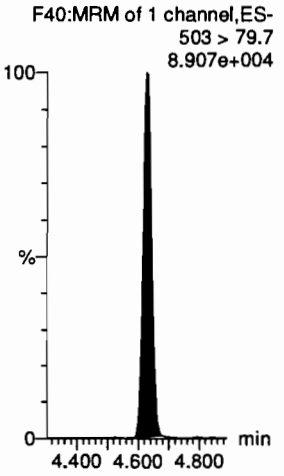
18O2-PFHxS



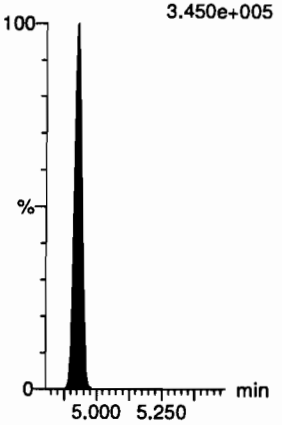
13C9-PFNA



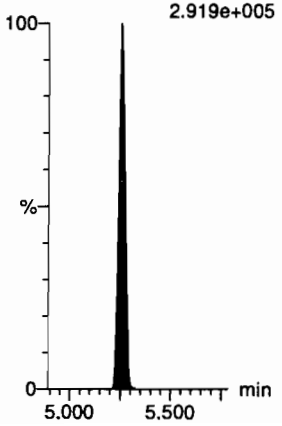
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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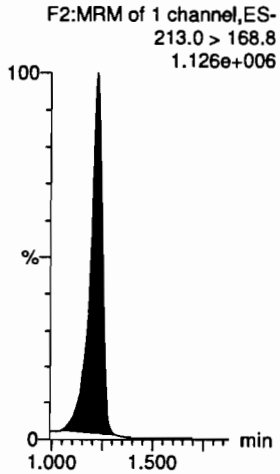
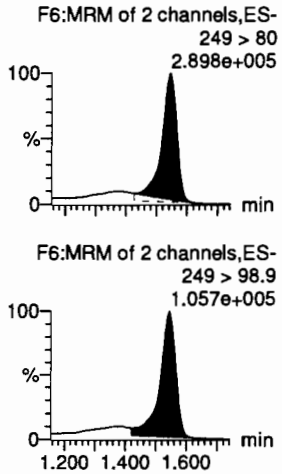
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

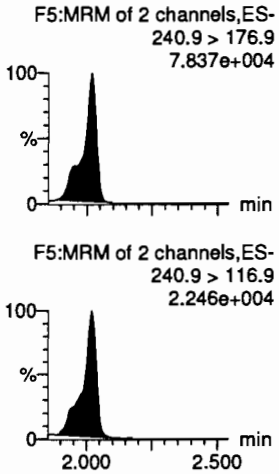
PFBA



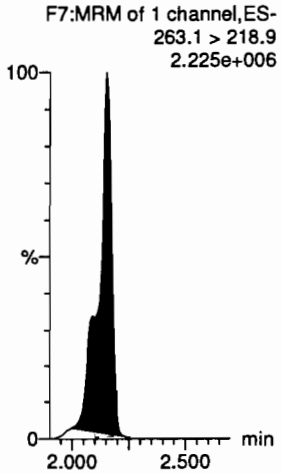
PFPrS



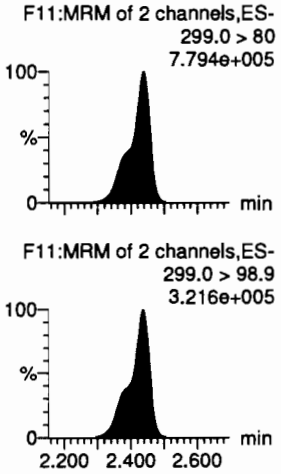
3:3 FTCA



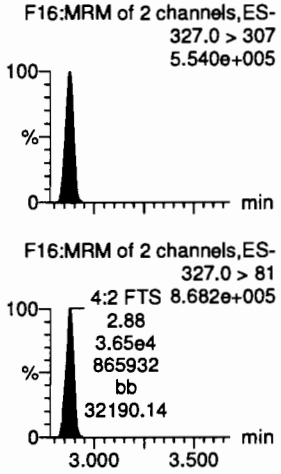
PFPeA



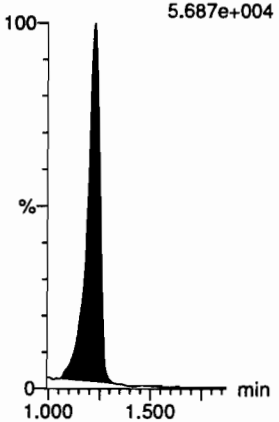
PFBS



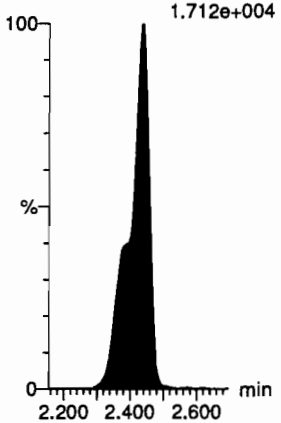
4:2 FTS



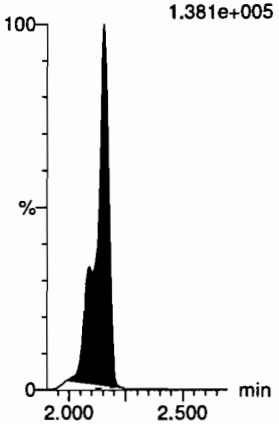
13C3-PFBA-EIS



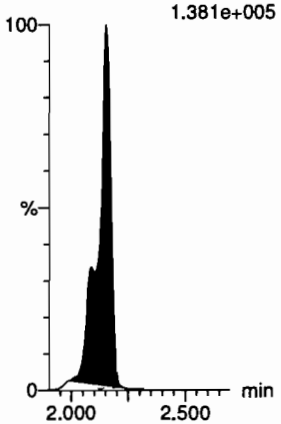
13C3-PFBS-EIS



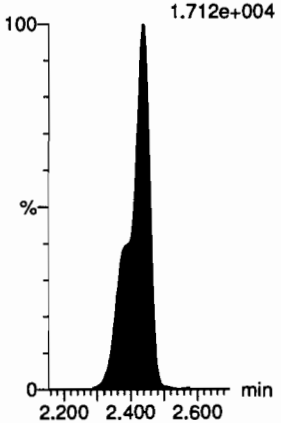
13C3-PFPeA-EIS



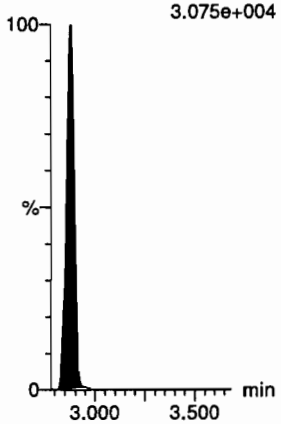
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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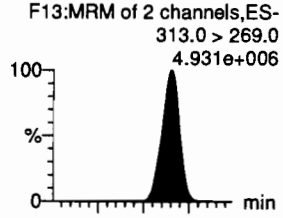
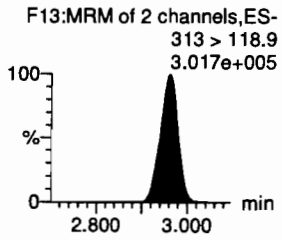
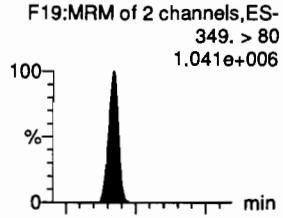
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

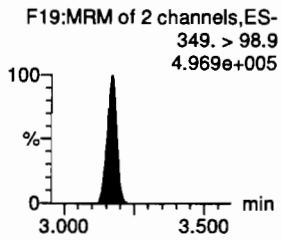
PFHxA



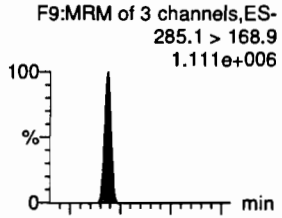


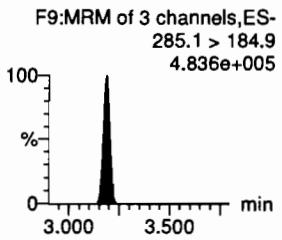
PFPeS



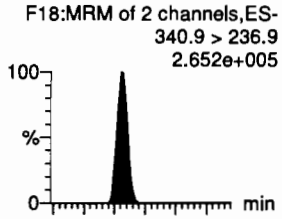


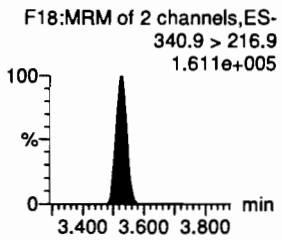
HFPO-DA



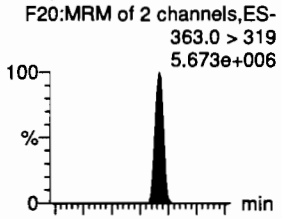


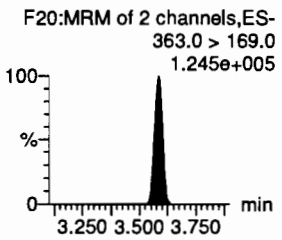
5:3 FTCA



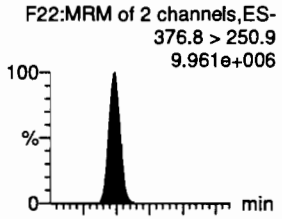


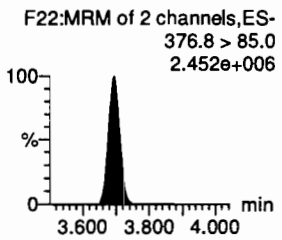
PFHpA



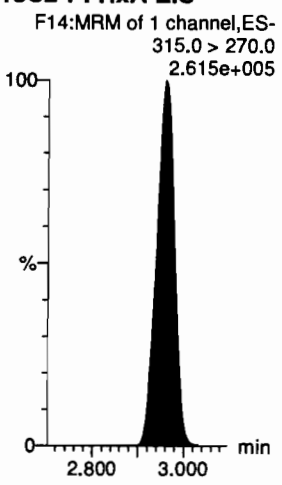


ADONA

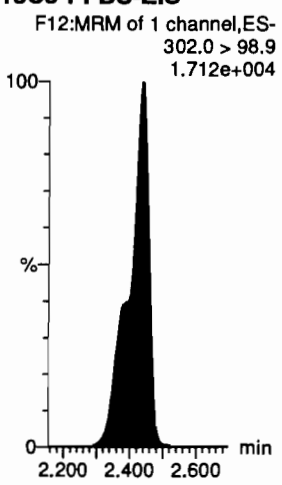




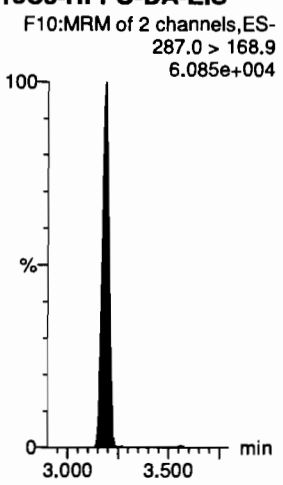
13C2-PFHxA-EIS



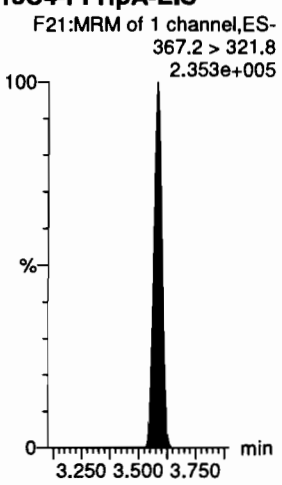
13C3-PFBS-EIS



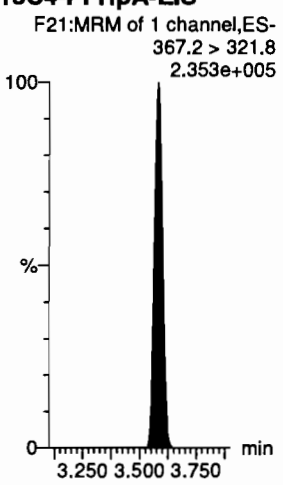
13C3-HFPO-DA-EIS



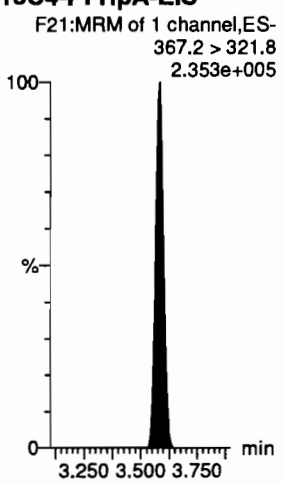
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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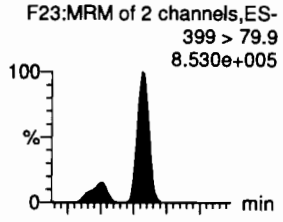
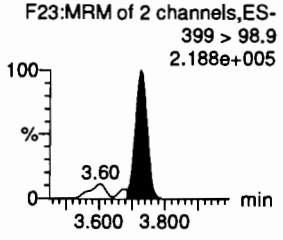
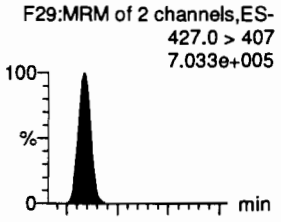
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

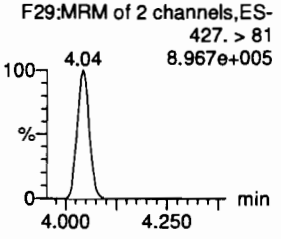
L-PFHxS



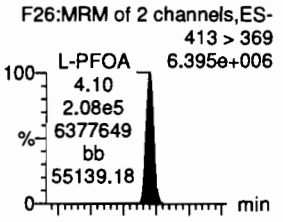


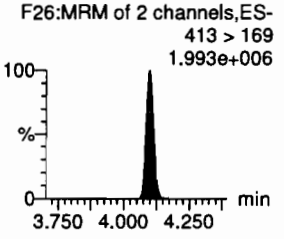
6:2 FTS





L-PFOA





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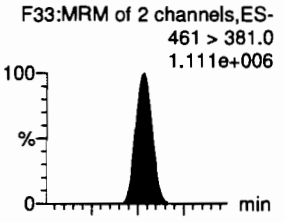
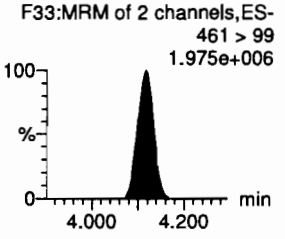
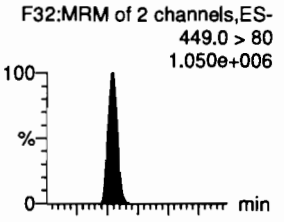
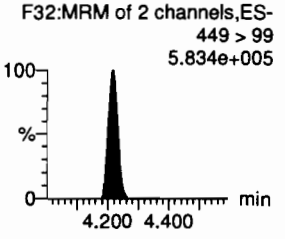


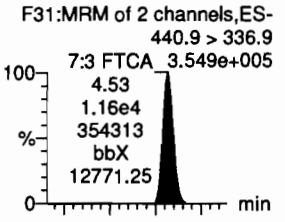


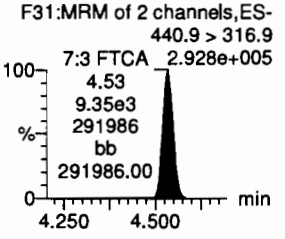
PFHpS



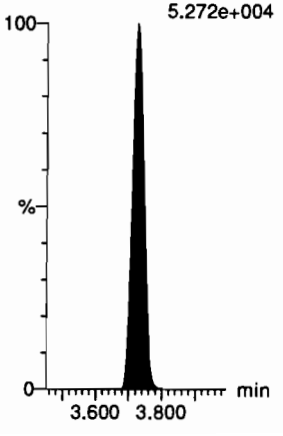


7:3 FTCA

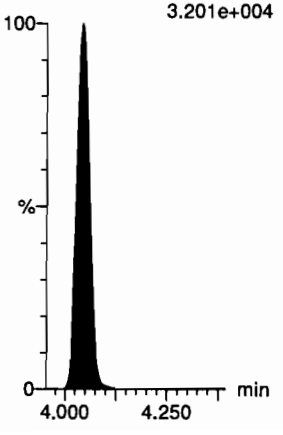




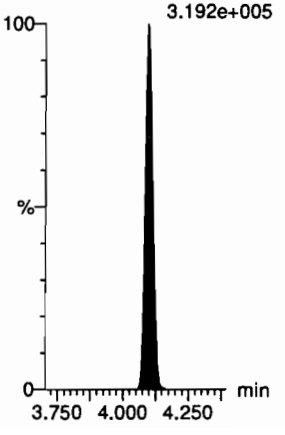
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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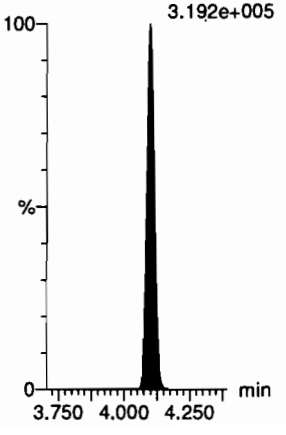
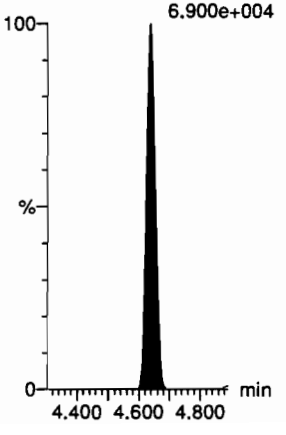
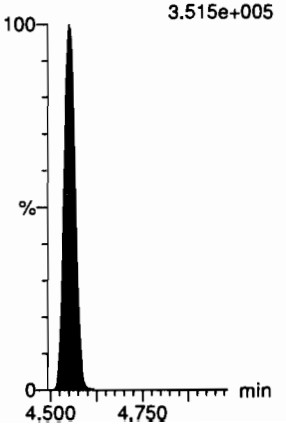


13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

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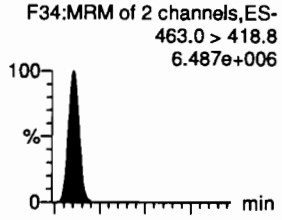

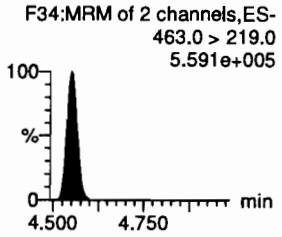

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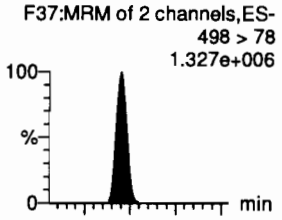
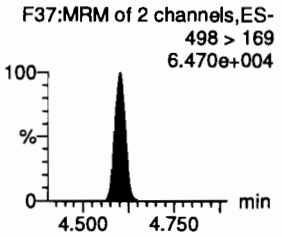
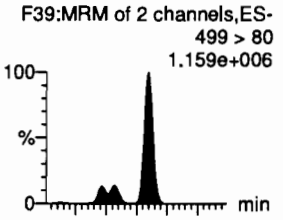
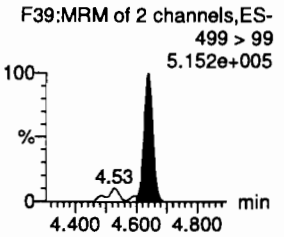


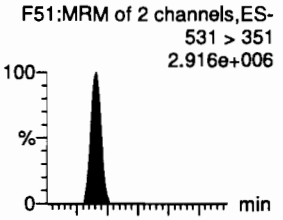


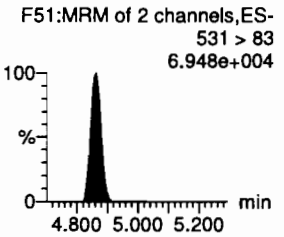
L-PFOS





9Cl-PF30NS





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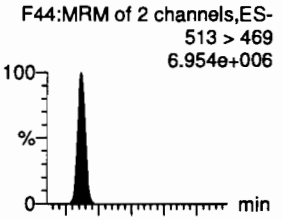
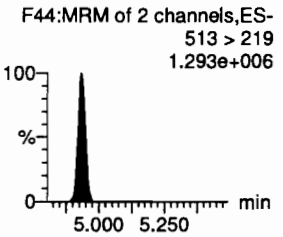
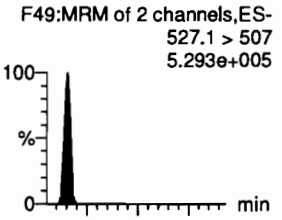
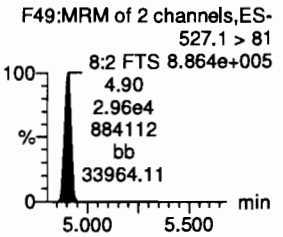


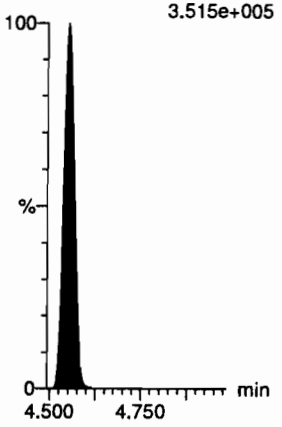


8:2 FTS

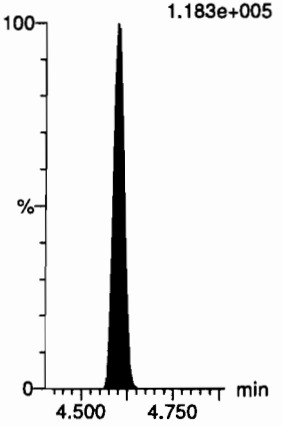




13C5-PFNA-EIS



13C8-PFOSA-EIS



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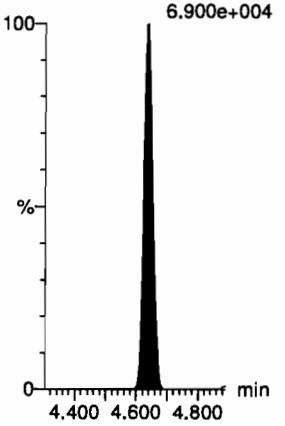
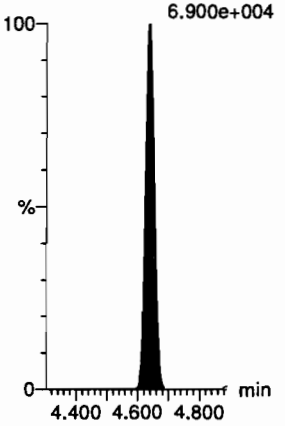
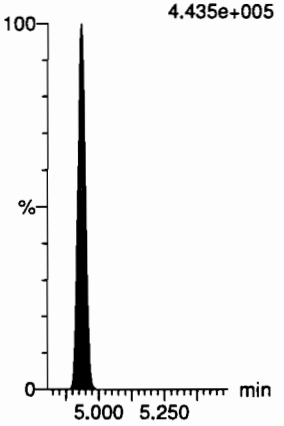


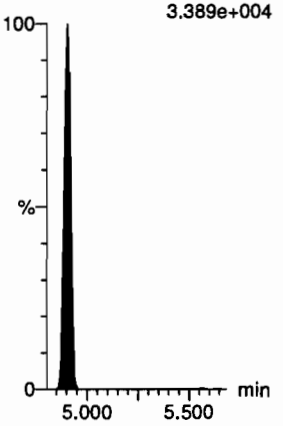
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

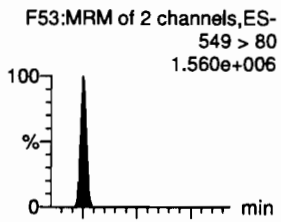


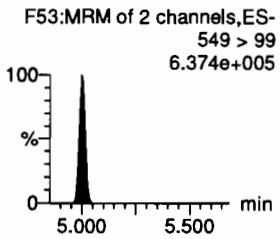
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

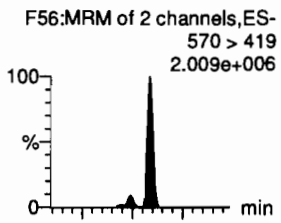
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

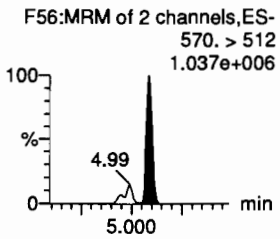
PFNS



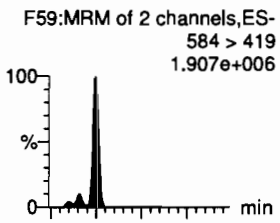


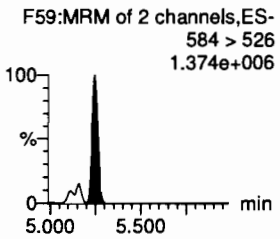
L-MeFOSAA



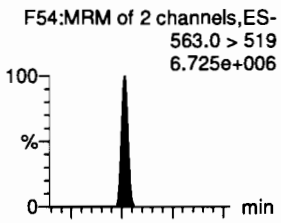


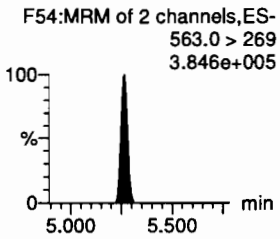
L-EtFOSAA





PFUdA





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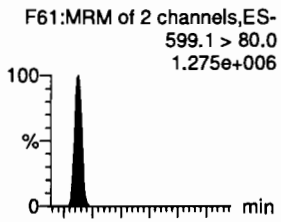
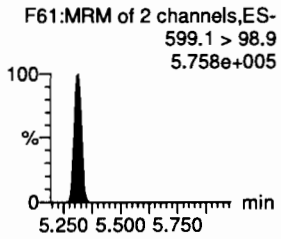
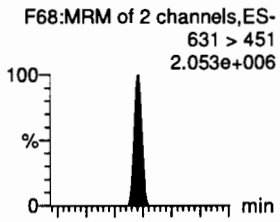
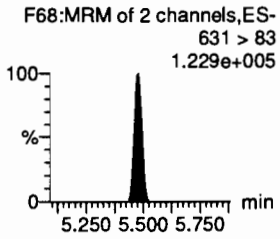


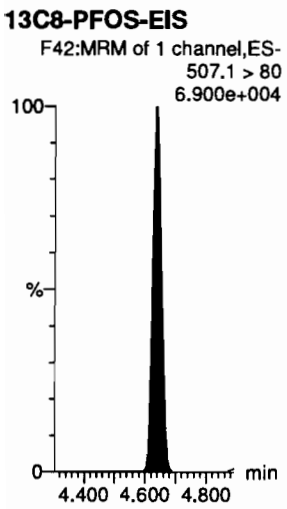


11Cl-PF30UdS

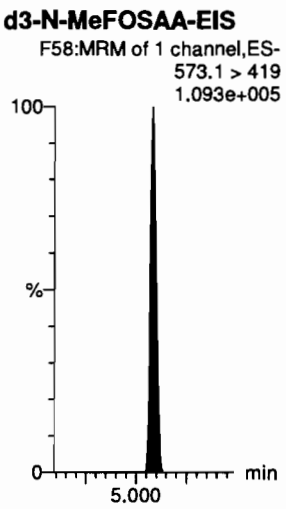




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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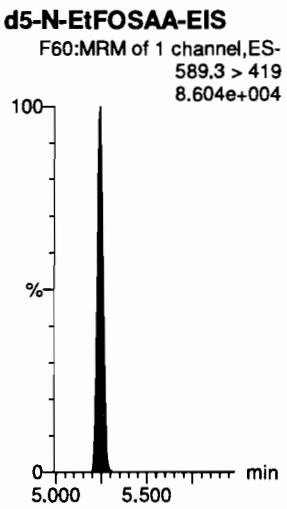

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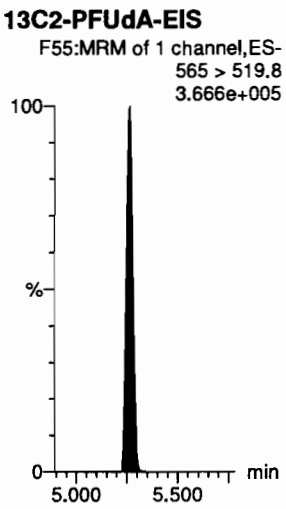

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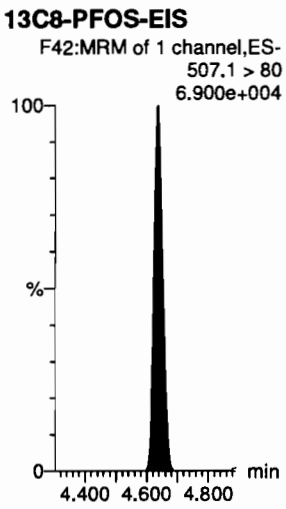

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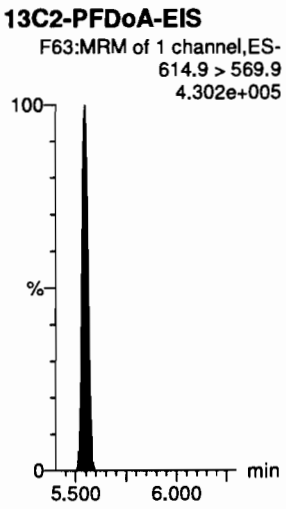

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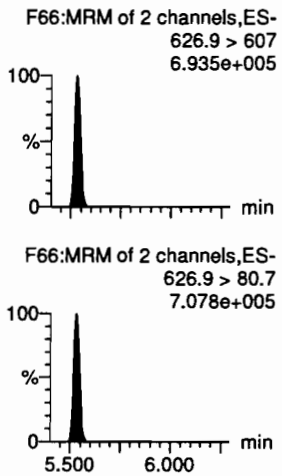
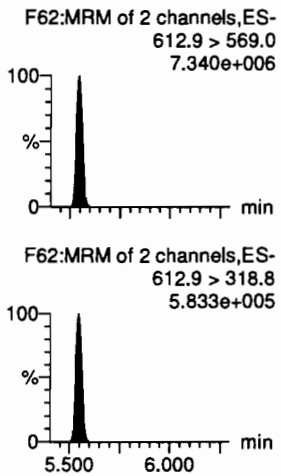
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

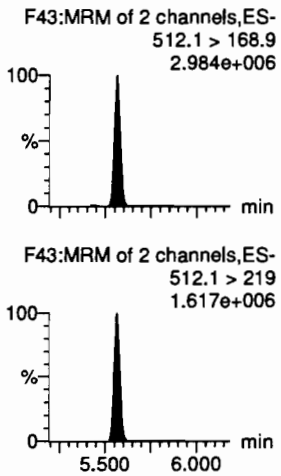
10:2 FTS



PFDoA



N-MeFOSA



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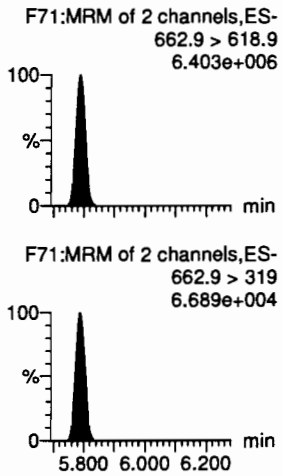
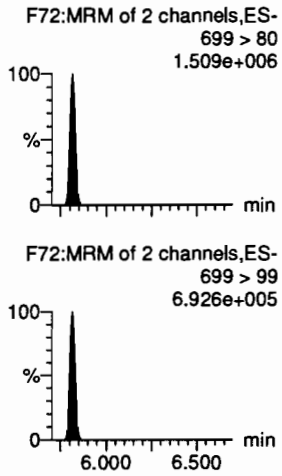
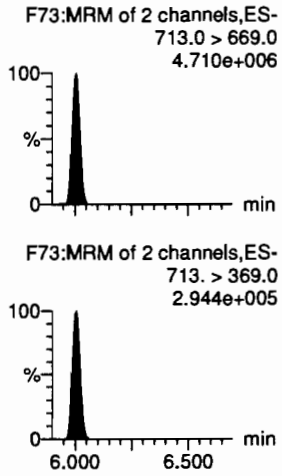


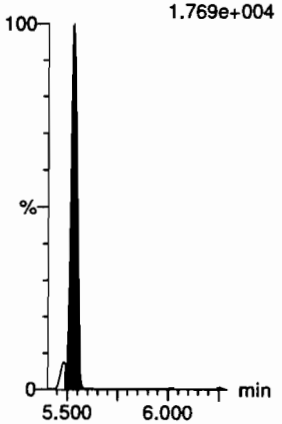
PFDoS



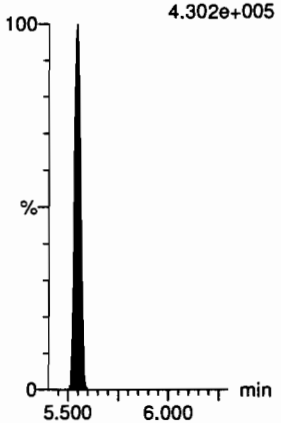
PFTeDA



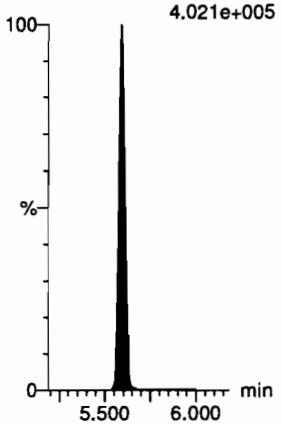
13C2-10:2 FTS-EIS



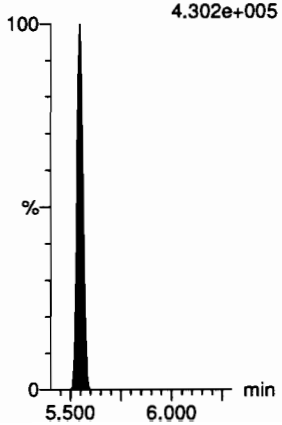
13C2-PFDoA-EIS



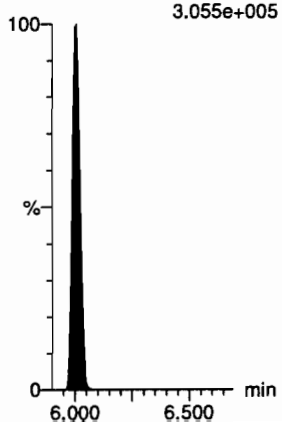
d3-N-MeFOSA-EIS



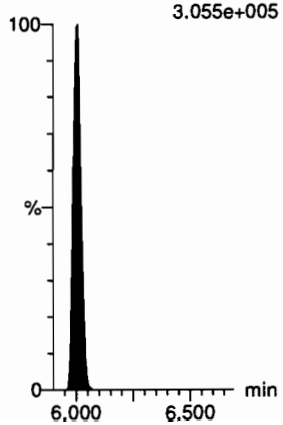
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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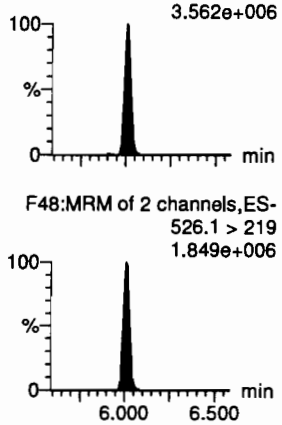
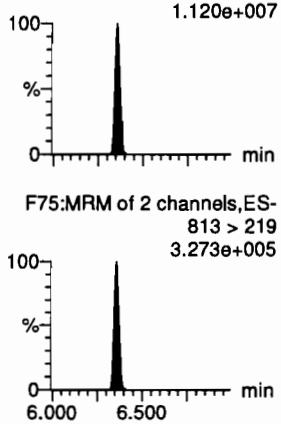
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

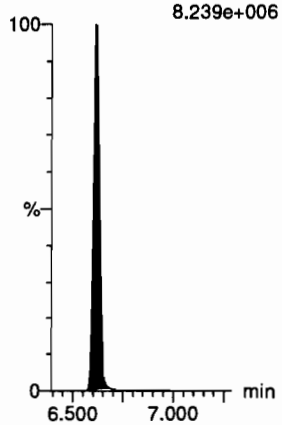
N-EtFOSA



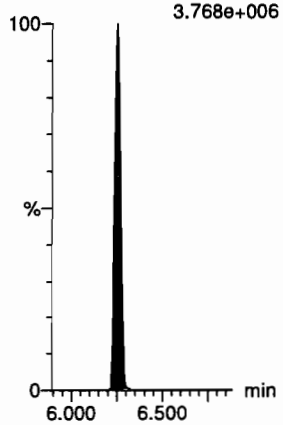
PFHxDA



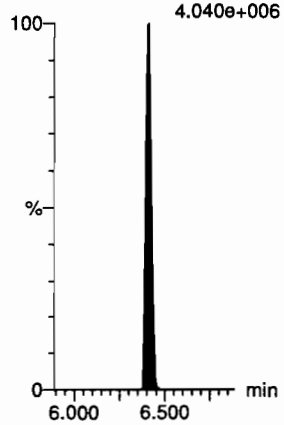
PFODA



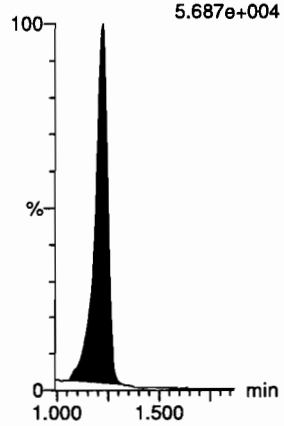
N-MeFOSE



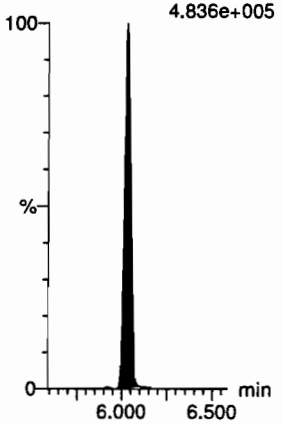
N-EtFOSE



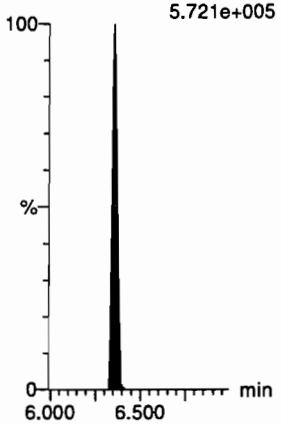
13C3-PFBA-RSD



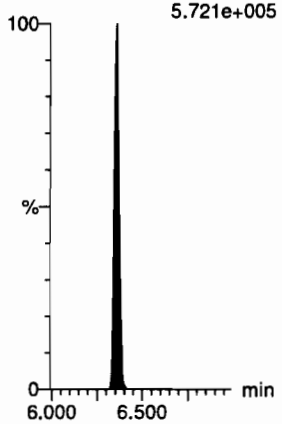
d5-N-ETFOSA-EIS



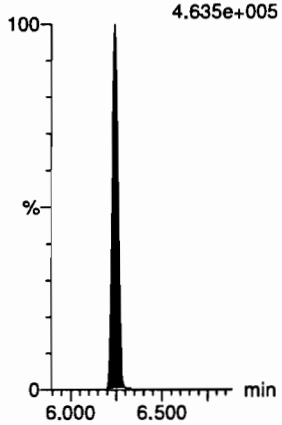
13C2-PFHxDA-EIS



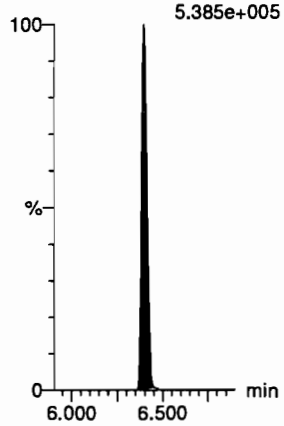
13C2-PFHxDA-EIS



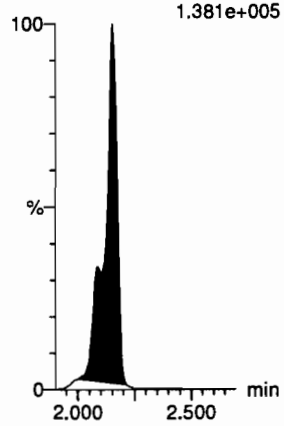
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

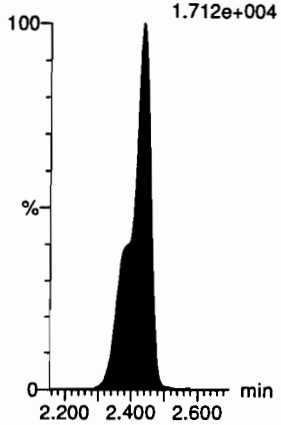


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

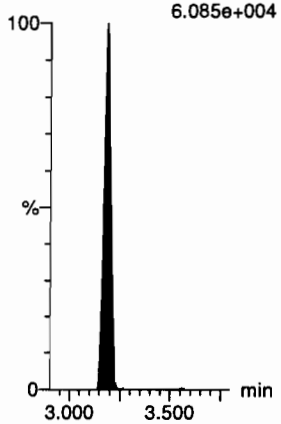
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

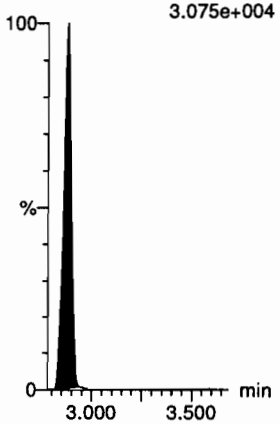
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.712e+004



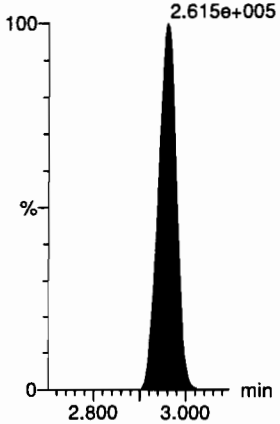
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.085e+004



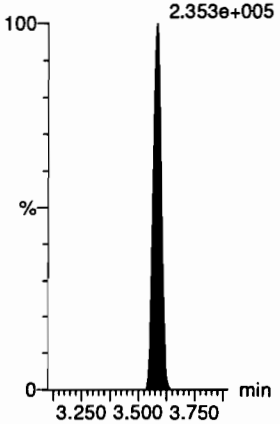
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.075e+004



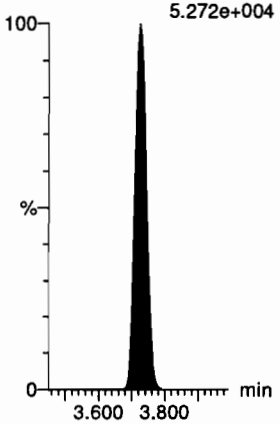
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.615e+005



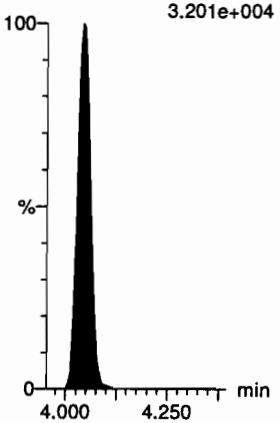
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.353e+005



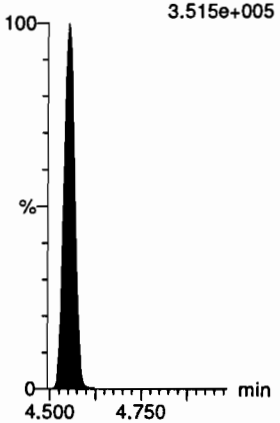
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.272e+004



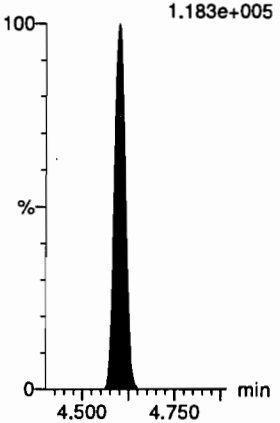
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.201e+004



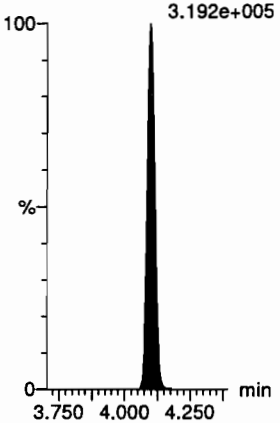
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.515e+005



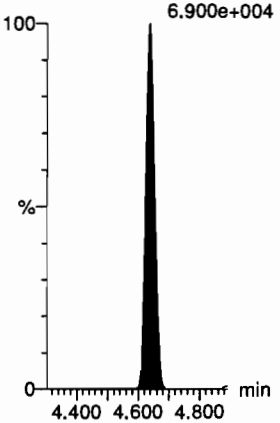
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.183e+005



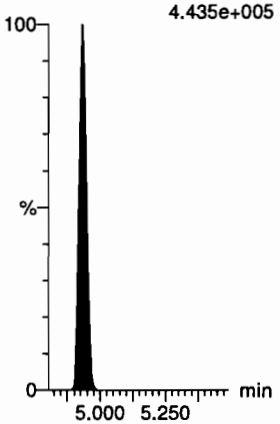
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.192e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
6.900e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.435e+005



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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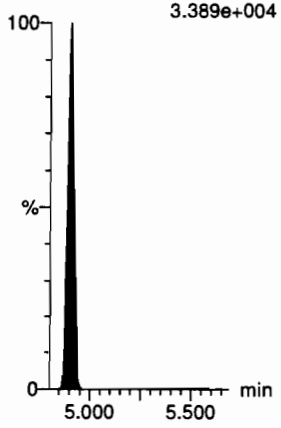
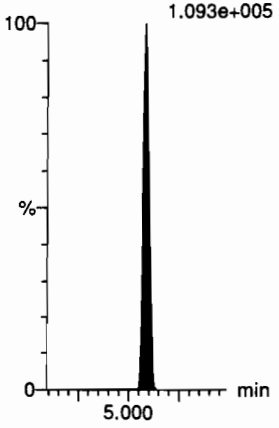
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

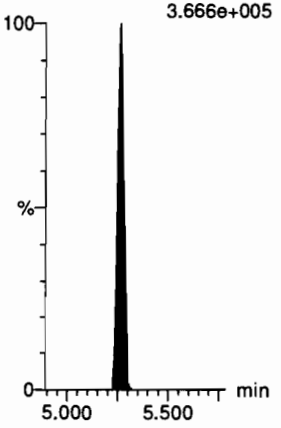
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.389e+004



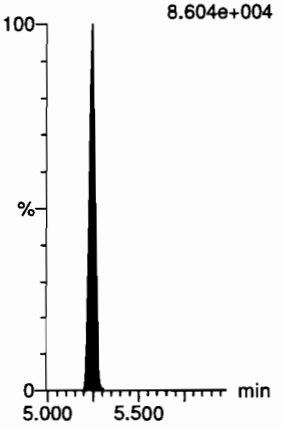
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.093e+005



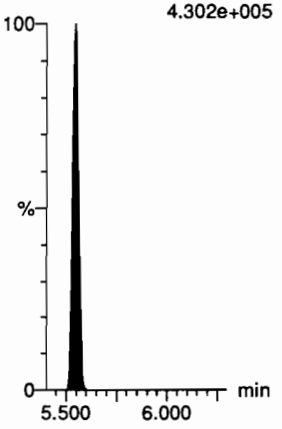
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.666e+005



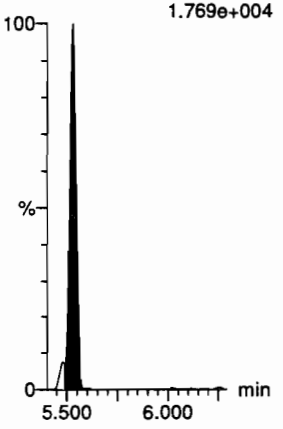
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
8.604e+004



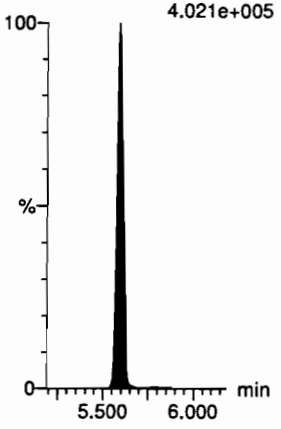
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.302e+005



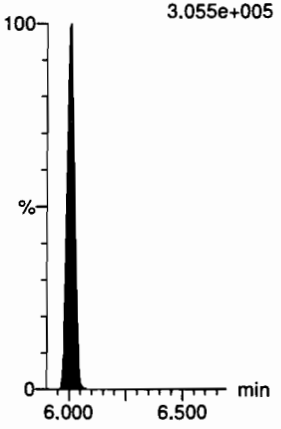
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
1.769e+004



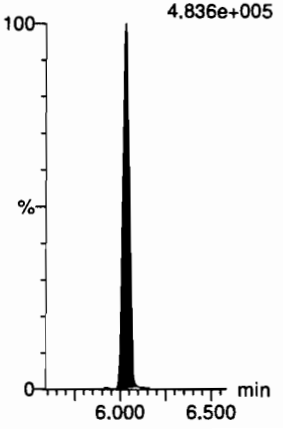
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
4.021e+005



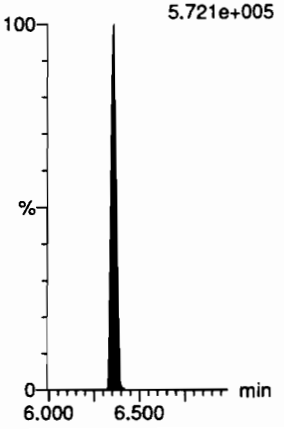
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.055e+005



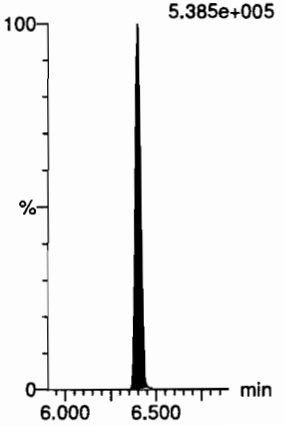
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.836e+005



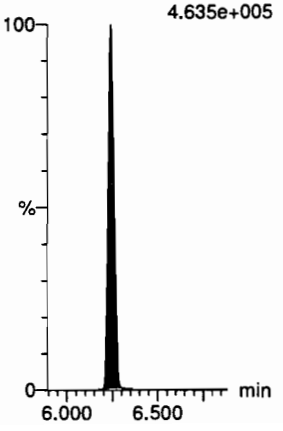
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.721e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.385e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.635e+005



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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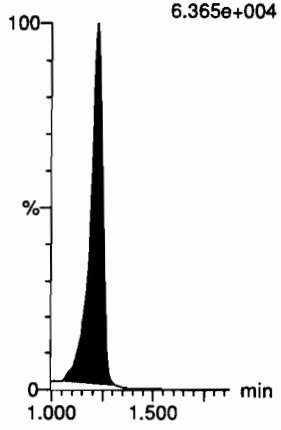
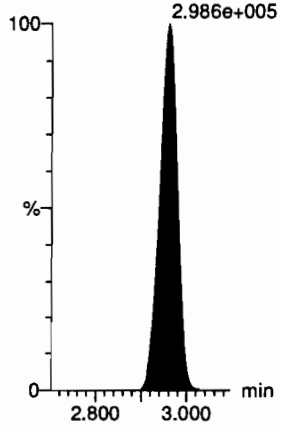
Name: 200527P1-13, Date: 27-May-2020, Time: 14:16:17, ID: ST200527P1-9 PFC CS6 20E0513, Description: PFC CS6 20E0513

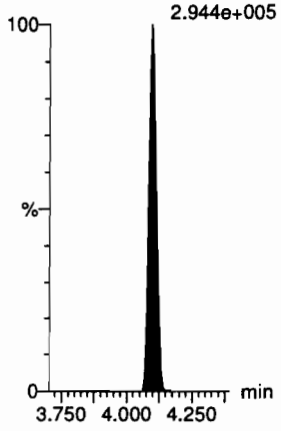
13C4-PFBA



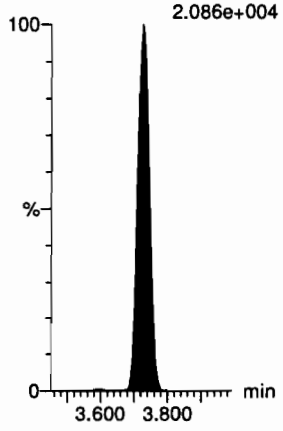
13C5-PFHxA



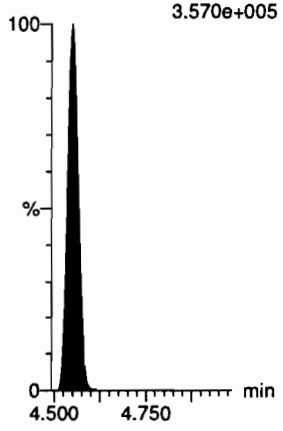
13C8-PFOA



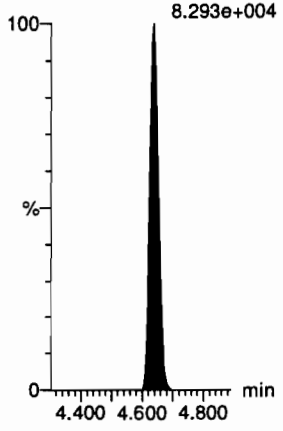
18O2-PFHxS



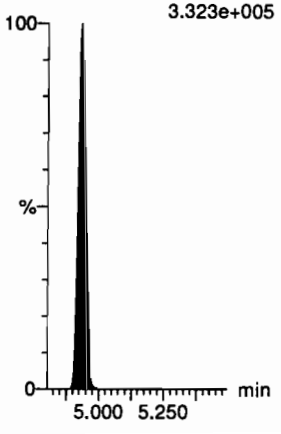
13C9-PFNA



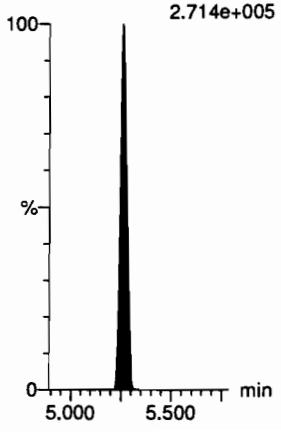
13C4-PFOS



13C6-PFDA



13C7-PFUdA

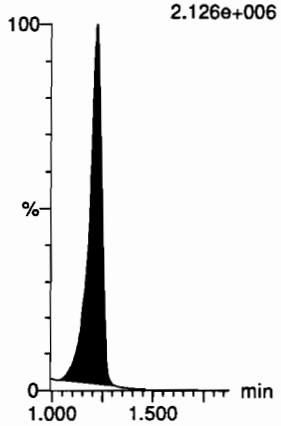


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

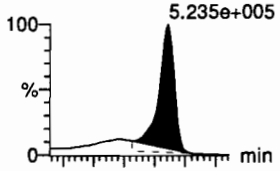
Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

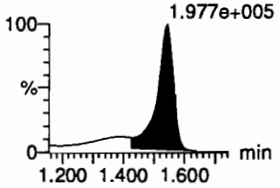
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
2.126e+006



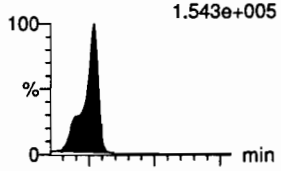
PFPrS
F6:MRM of 2 channels,ES-
249 > 80
5.235e+005



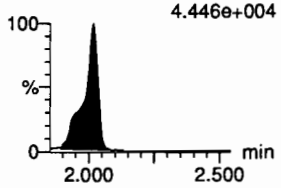
F6:MRM of 2 channels,ES-
249 > 98.9
1.977e+005



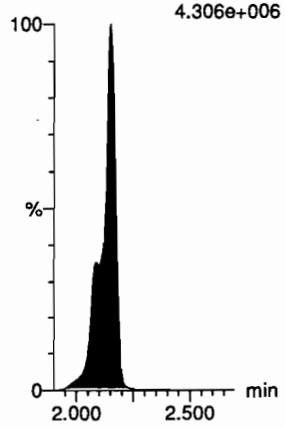
3:3 FTCA
F5:MRM of 2 channels,ES-
240.9 > 176.9
1.543e+005



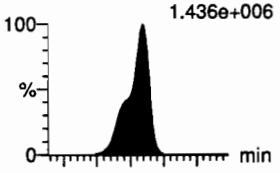
F5:MRM of 2 channels,ES-
240.9 > 116.9
4.446e+004



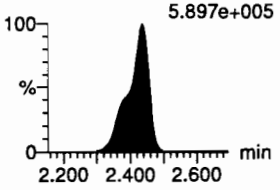
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
4.306e+006



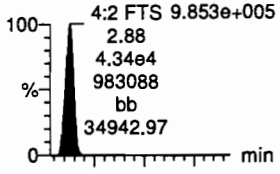
PFBS
F11:MRM of 2 channels,ES-
299.0 > 80
1.436e+006



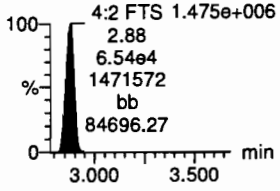
F11:MRM of 2 channels,ES-
299.0 > 98.9
5.897e+005



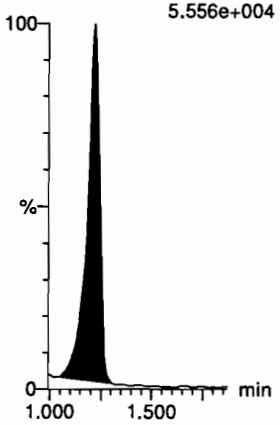
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 307
4:2 FTS 9.853e+005
2.88
4.34e4
983088
bb
34942.97



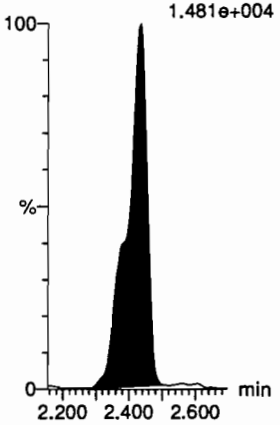
F16:MRM of 2 channels,ES-
327.0 > 81
4:2 FTS 1.475e+006
2.88
6.54e4
1471572
bb
84696.27



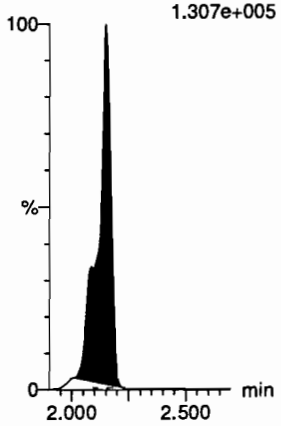
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.556e+004



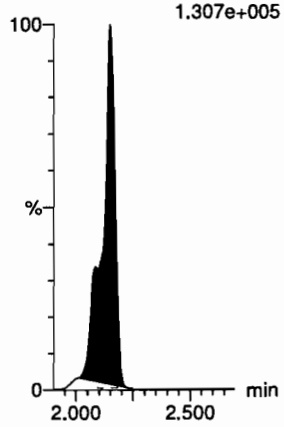
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.481e+004



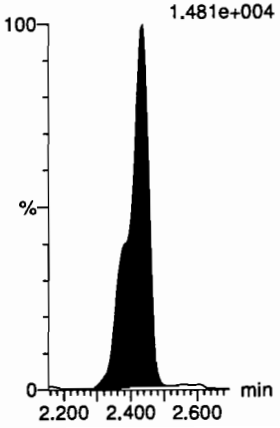
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.307e+005



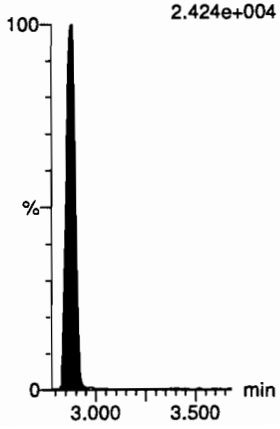
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.307e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.481e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.7
2.424e+004

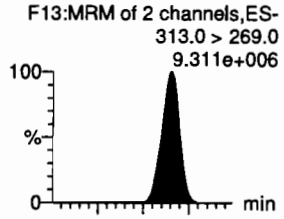


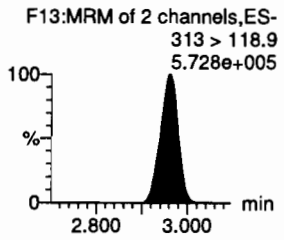
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
Printed: Thursday, May 28, 2020 08:28:52 Pacific Daylight Time

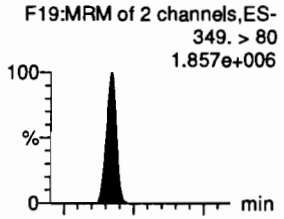
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

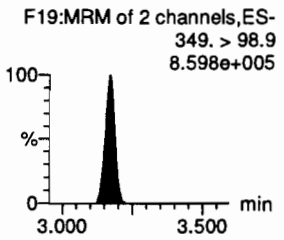
PFHxA



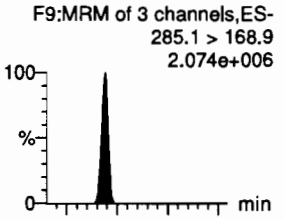


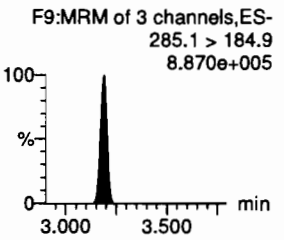
PFPeS



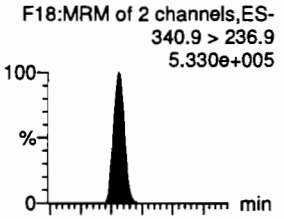


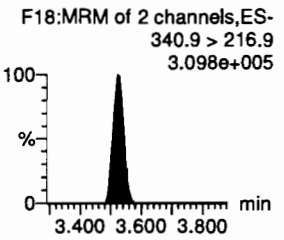
HFPO-DA



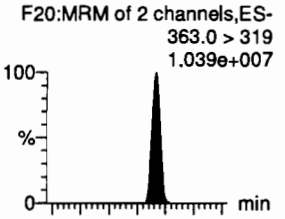


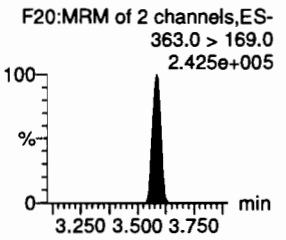
5:3 FTCA



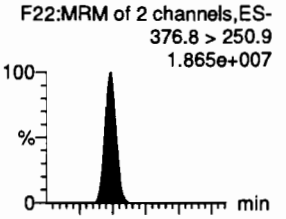


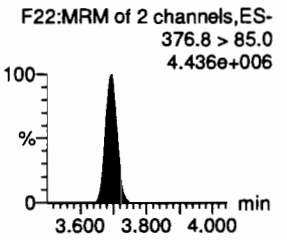
PFHpA



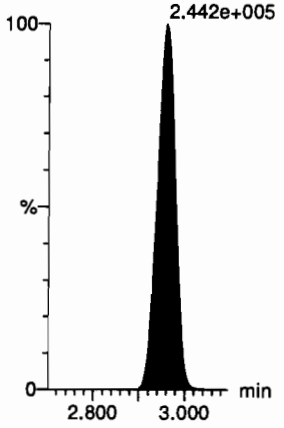


ADONA

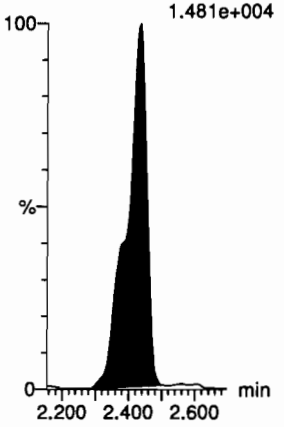




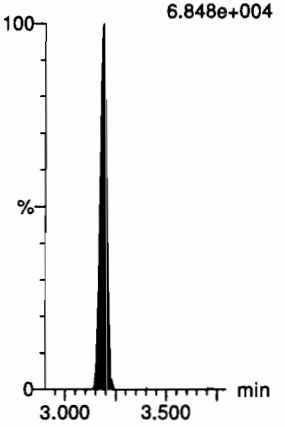
13C2-PFHxA-EIS



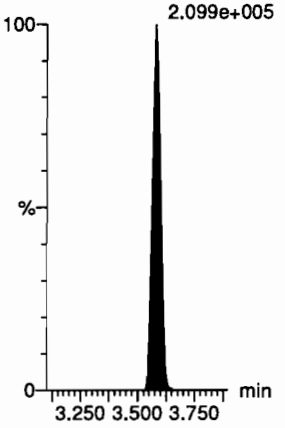
13C3-PFBS-EIS



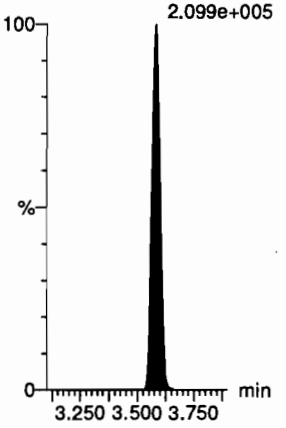
13C3-HFPO-DA-EIS



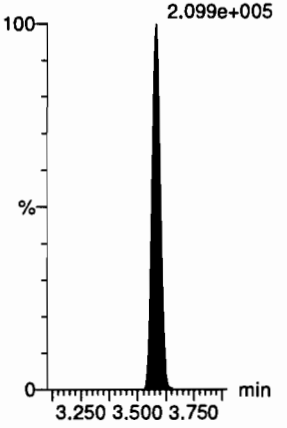
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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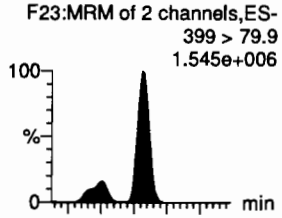
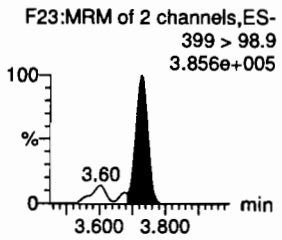
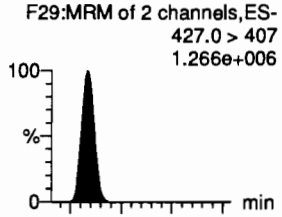
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

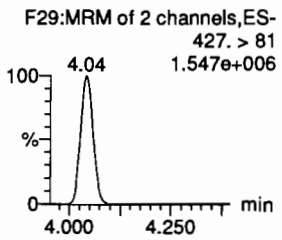
L-PFHxS



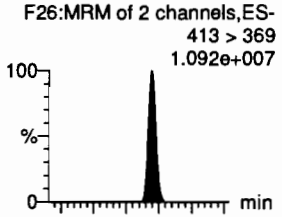


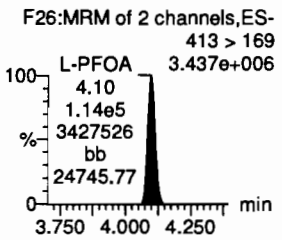
6:2 FTS



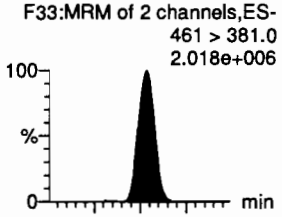


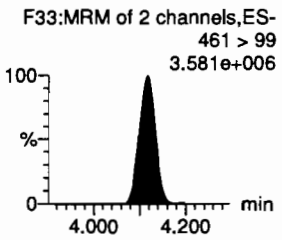
L-PFOA



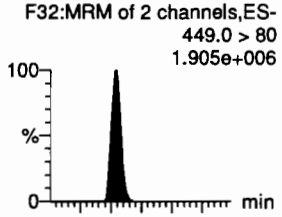


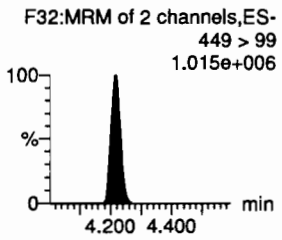
PFEChS



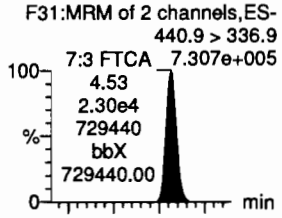


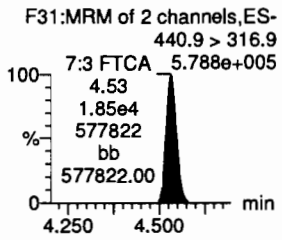
PFHpS



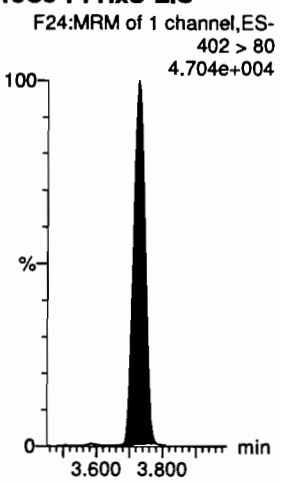


7:3 FTCA

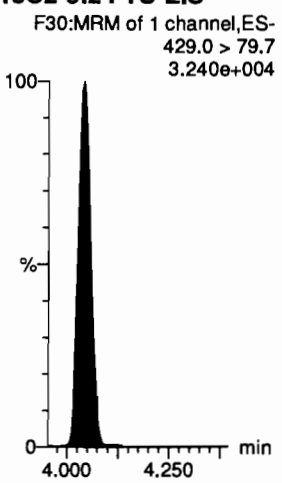




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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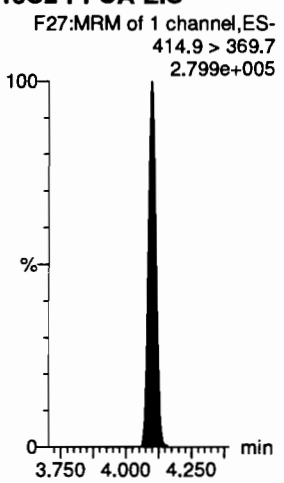

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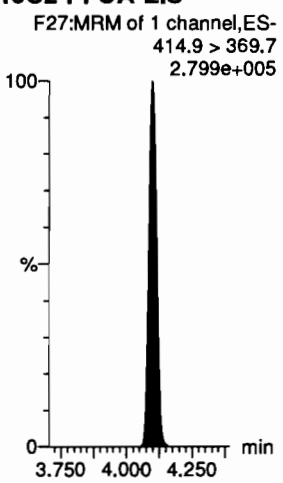
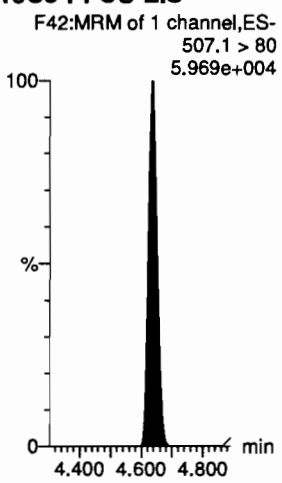
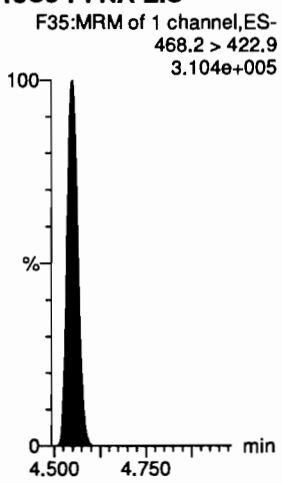


13C8-PFOS-EIS



13C5-PFNA-EIS



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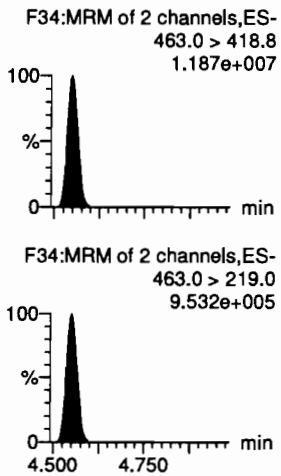
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

PFNA



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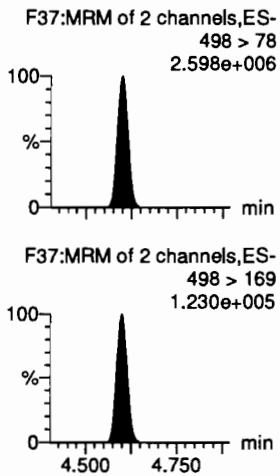
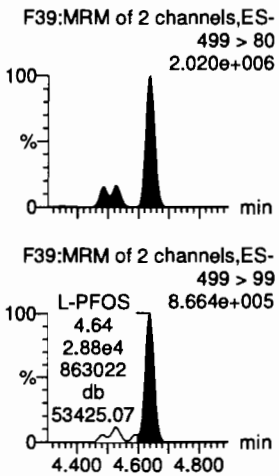
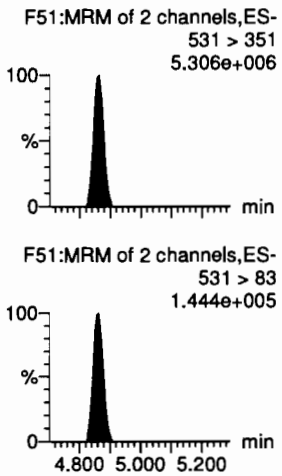


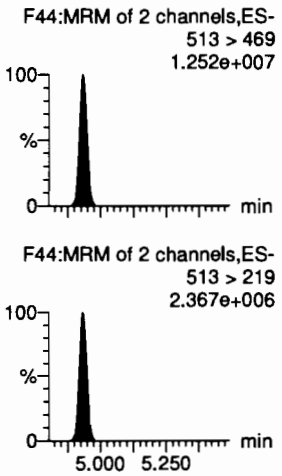
L-PFOS



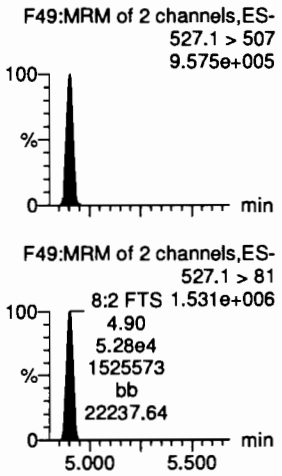
9Cl-PF30NS



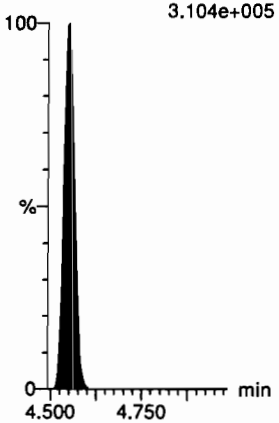
PFDA



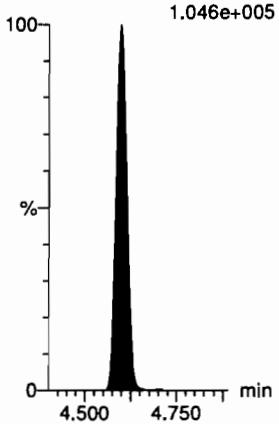
8:2 FTS



13C5-PFNA-EIS



13C8-PFOSA-EIS



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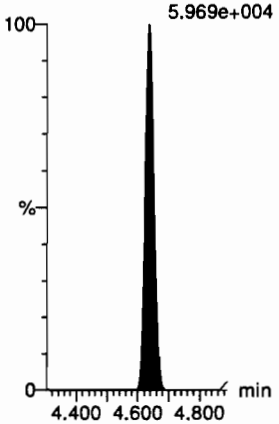

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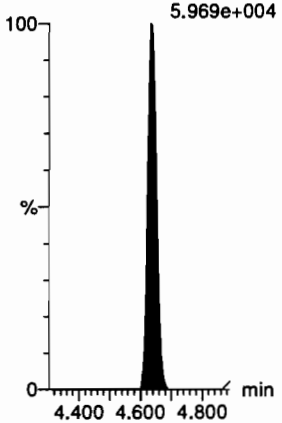

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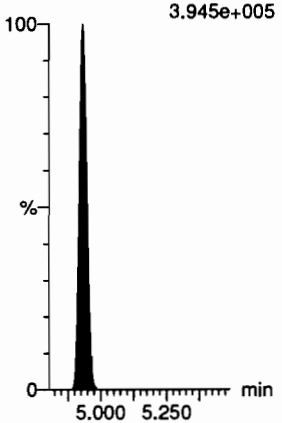
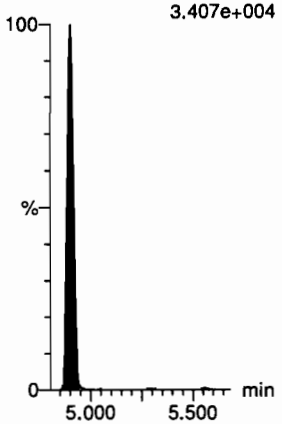


13C2-8:2 FTS-EIS



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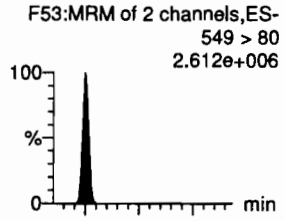
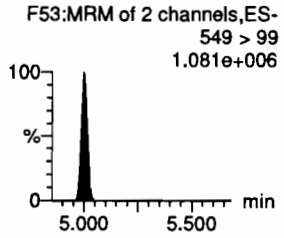
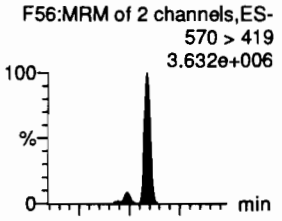
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

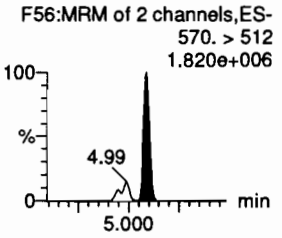
PFNS





L-MeFOSAA





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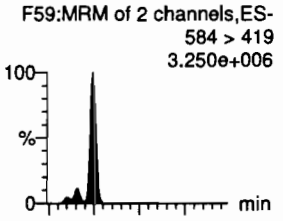
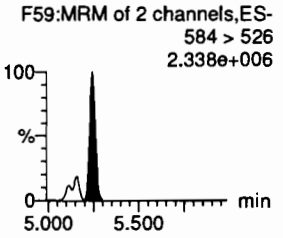
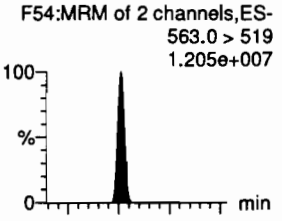
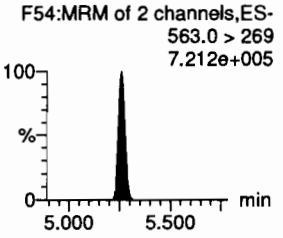




PFUdA





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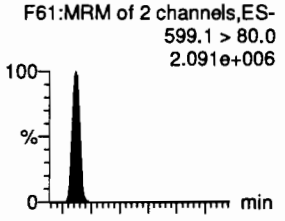
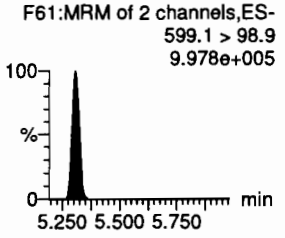
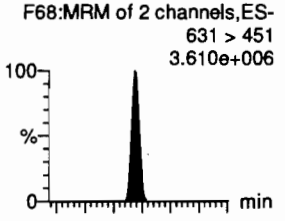
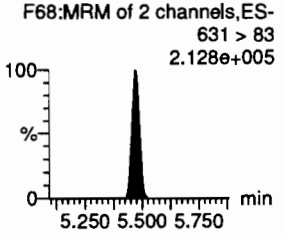


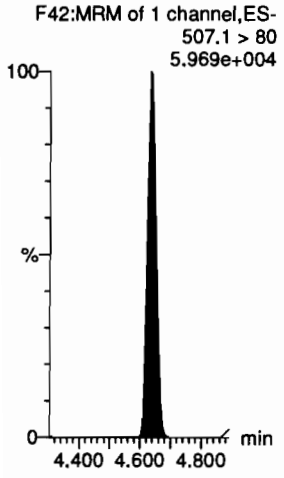


11Cl-PF30UdS

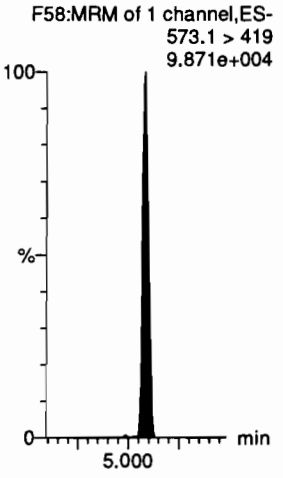




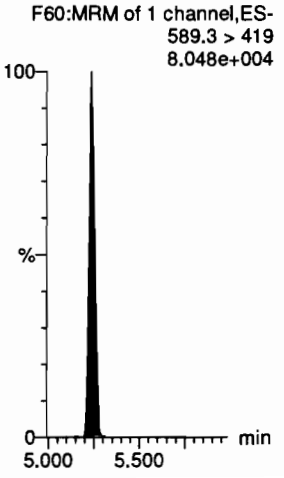
13C8-PFOS-EIS



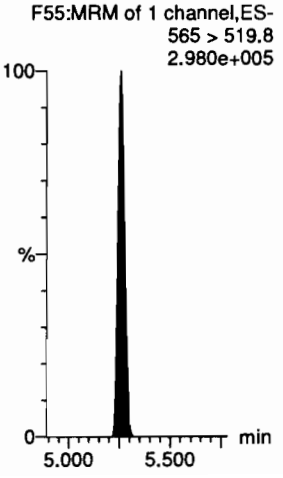
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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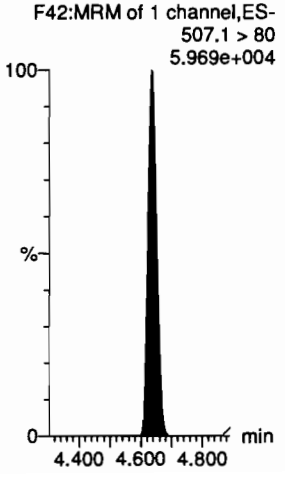
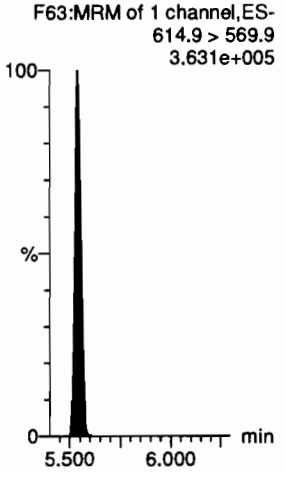


13C2-PFDoA-EIS



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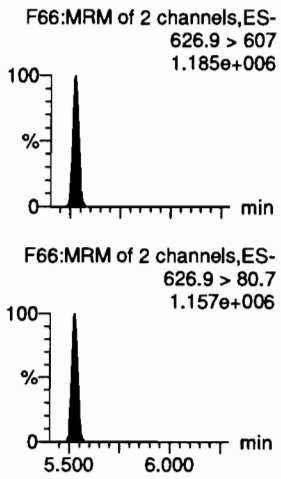
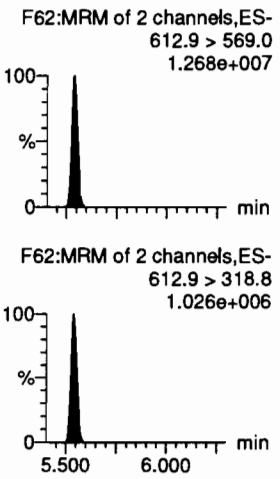
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

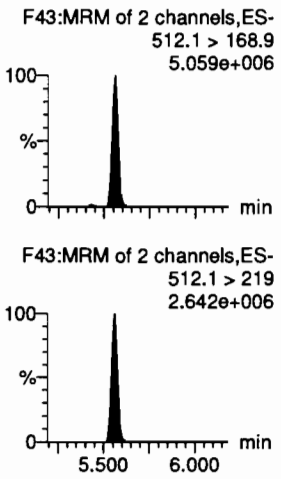
10:2 FTS



PFDoA



N-MeFOSA



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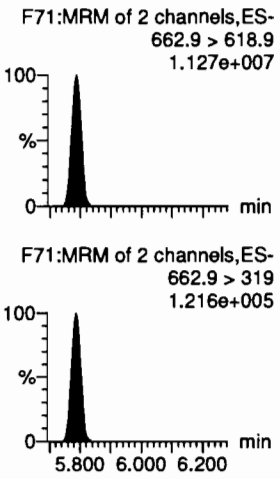

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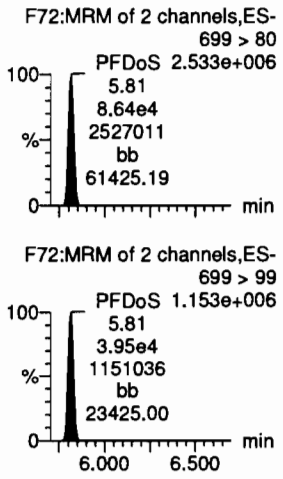

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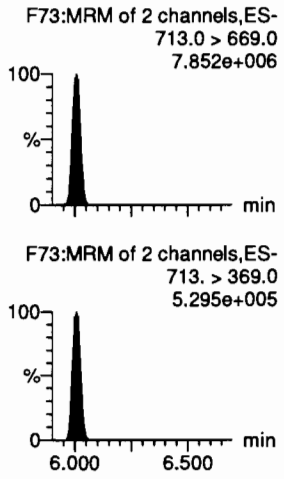
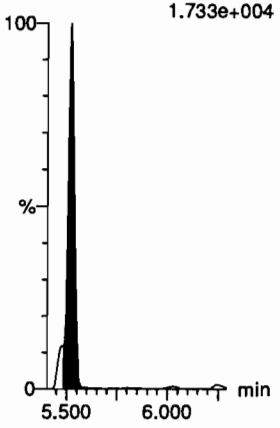


13C2-10:2 FTS-EIS



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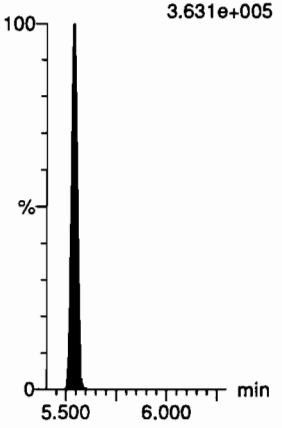

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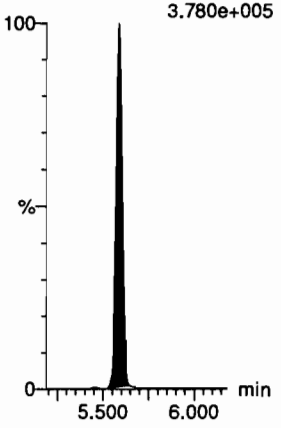

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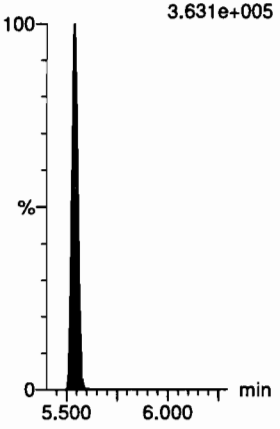

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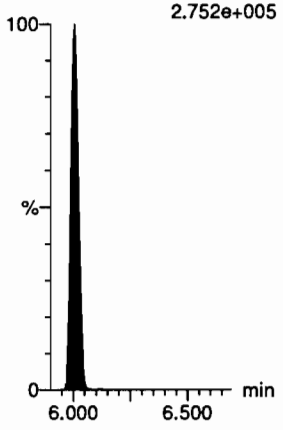

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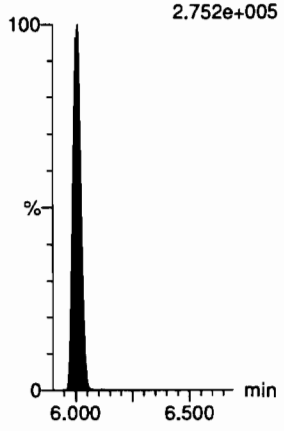

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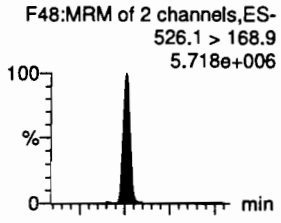
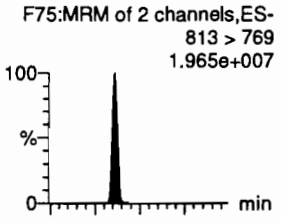
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

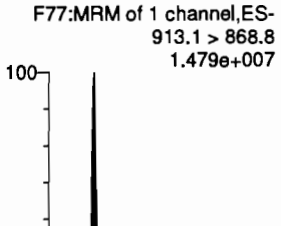
N-EtFOSA



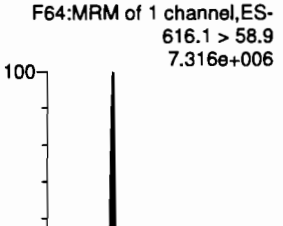
PFHxDA



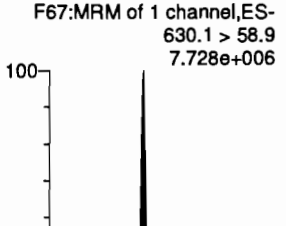
PFODA



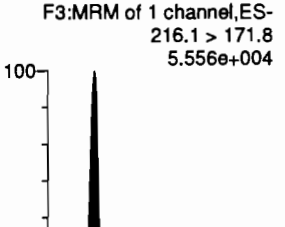
N-MeFOSE



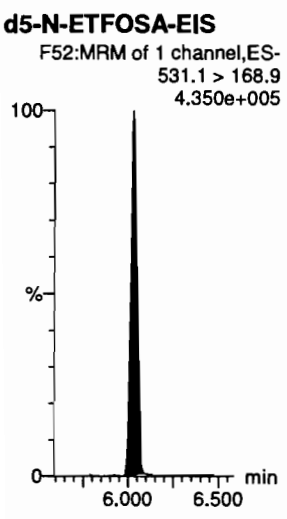
N-EtFOSE



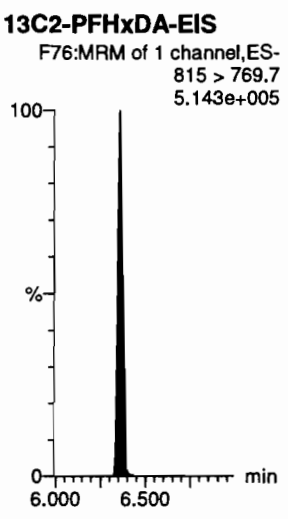
13C3-PFBA-RSD



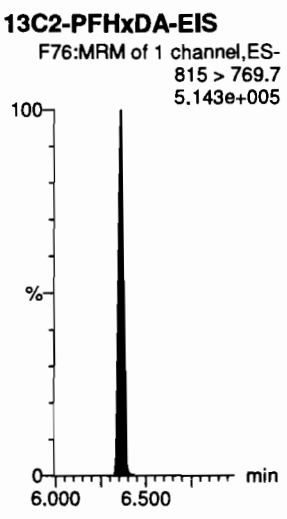
d5-N-ETFOSA-EIS



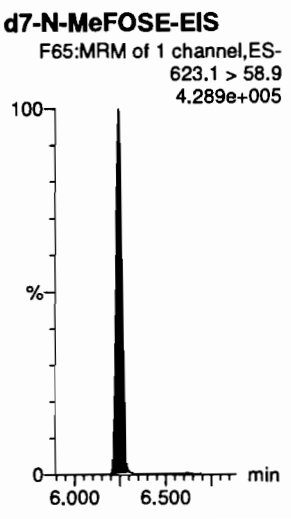
13C2-PFHxDA-EIS



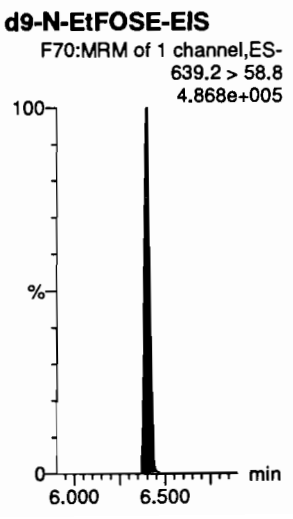
13C2-PFHxDA-EIS



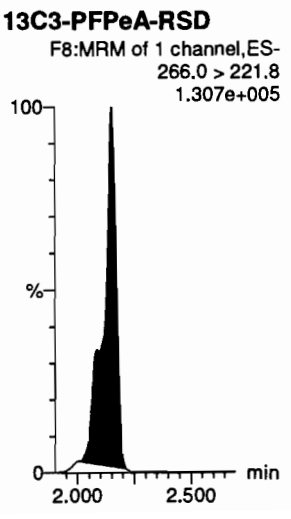
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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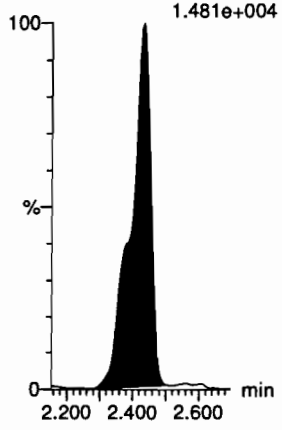
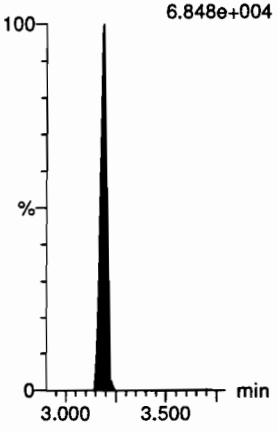
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

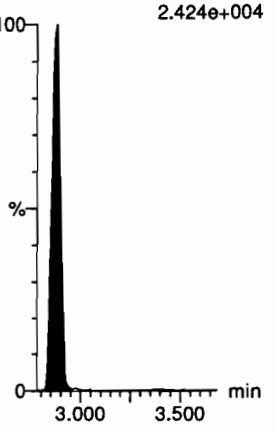
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.481e+004



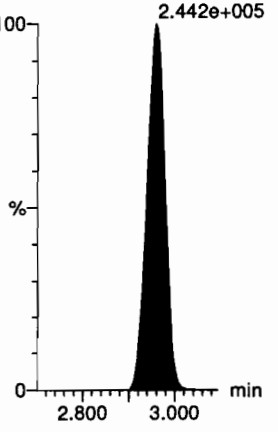
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.848e+004



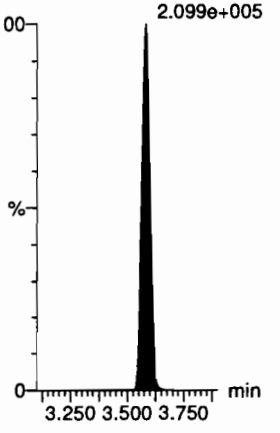
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
2.424e+004



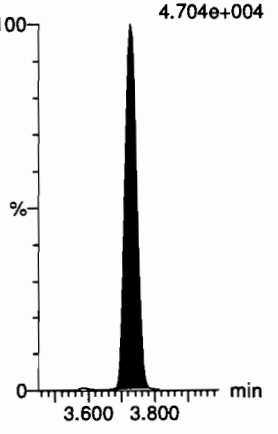
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.442e+005



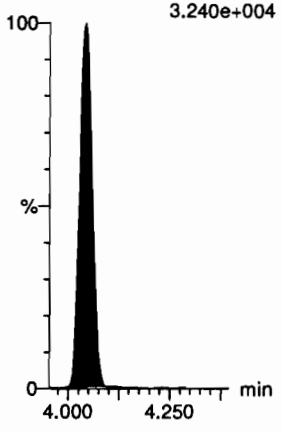
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.099e+005



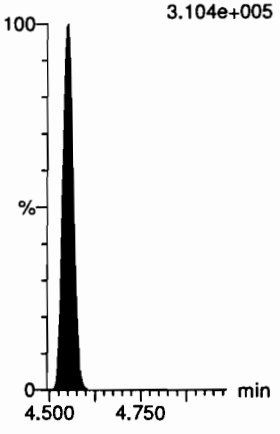
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
4.704e+004



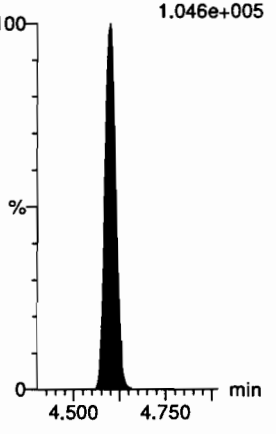
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.240e+004



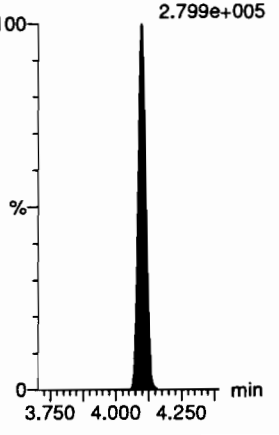
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.104e+005



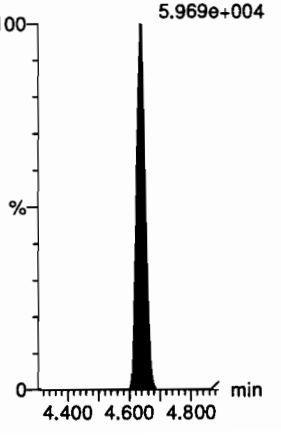
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.046e+005



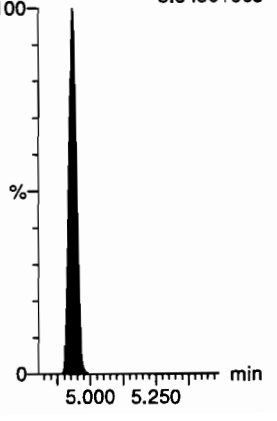
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
2.799e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
5.969e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
3.945e+005



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

Last Altered: Thursday, May 28, 2020 08:21:51 Pacific Daylight Time
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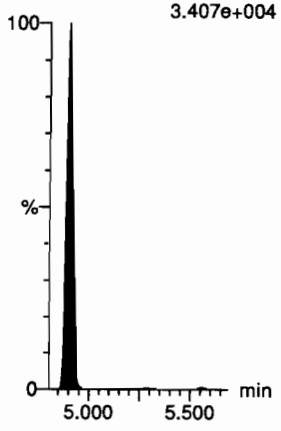
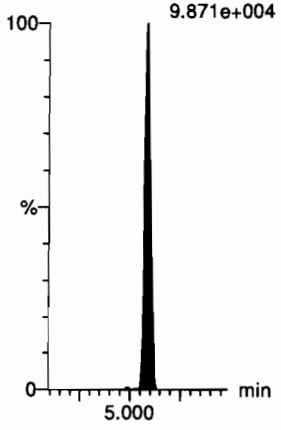
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

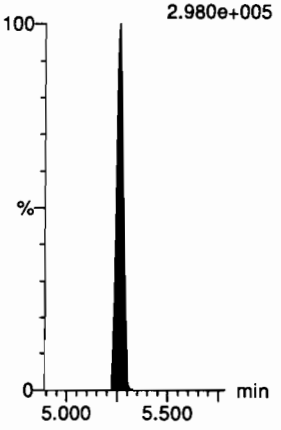
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.407e+004



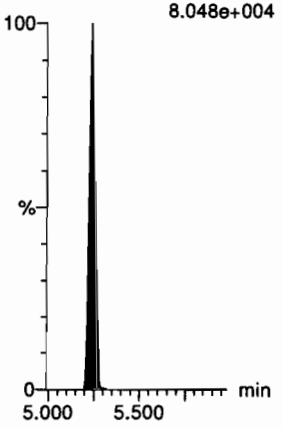
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
9.871e+004



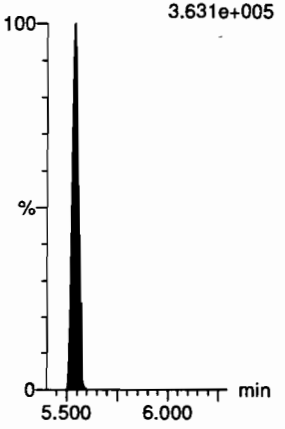
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
2.980e+005



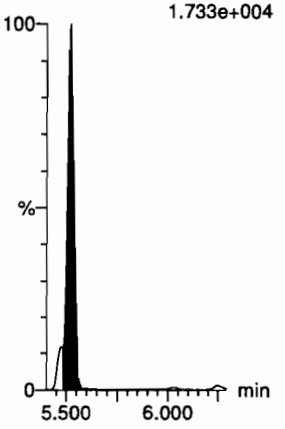
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
8.048e+004



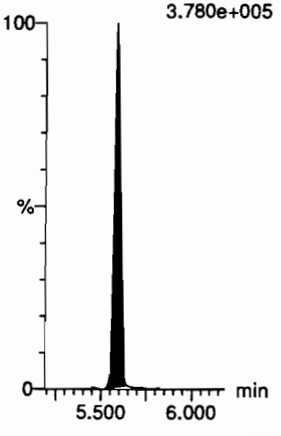
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
3.631e+005



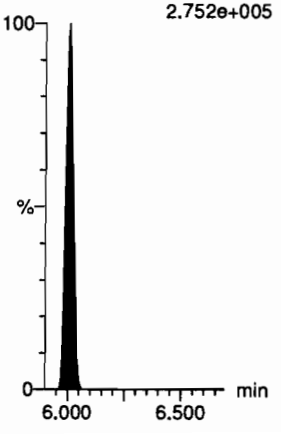
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
1.733e+004



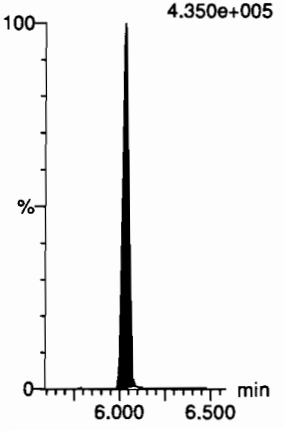
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.780e+005



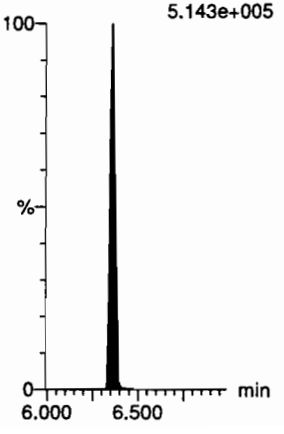
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
2.752e+005



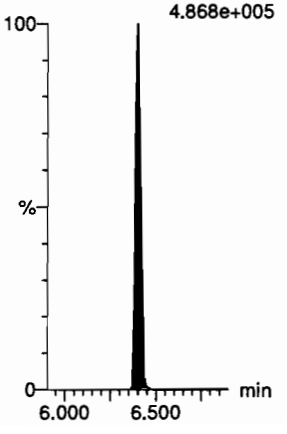
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.350e+005



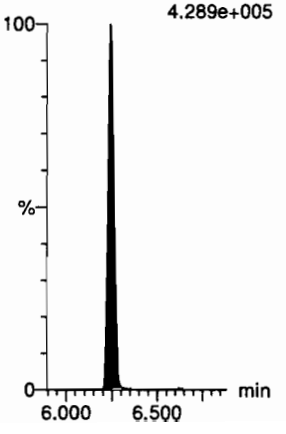
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.143e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
4.868e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.289e+005



Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-CRV.qld

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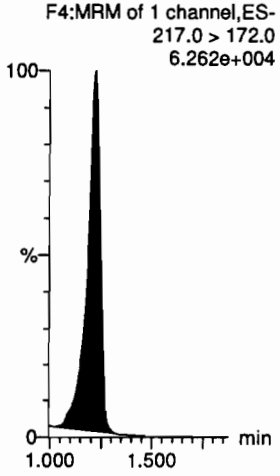
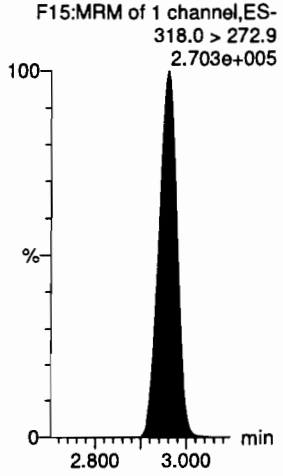
Name: 200527P1-14, Date: 27-May-2020, Time: 14:26:48, ID: ST200527P1-10 PFC CS7 20E0514, Description: PFC CS7 20E0514

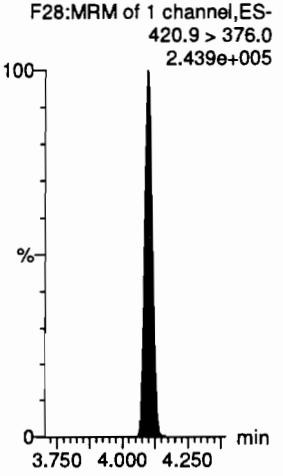
13C4-PFBA



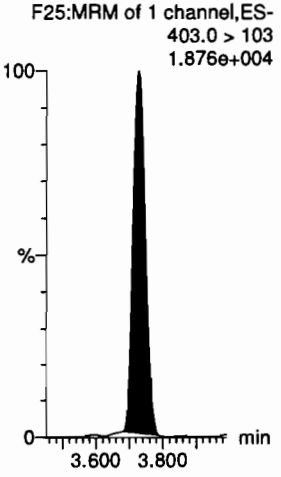
13C5-PFHxA



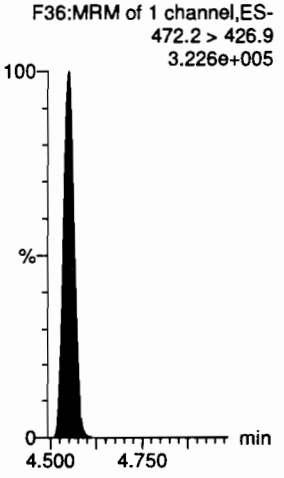
13C8-PFOA



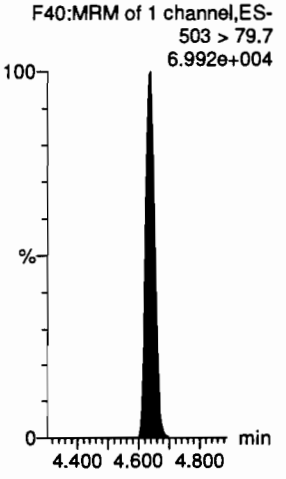
18O2-PFHxS



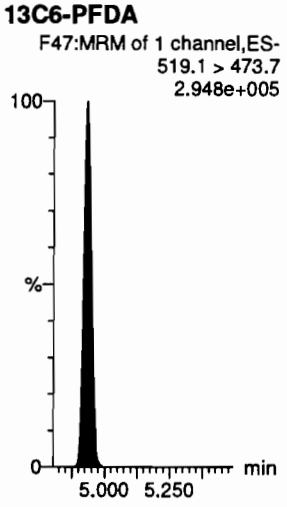
13C9-PFNA



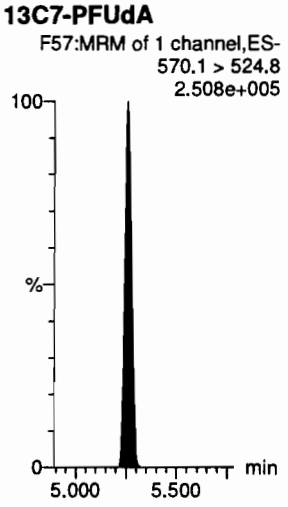
13C4-PFOS



13C6-PFDA



13C7-PFUdA



VJm 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-ICV.qld

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(A) Not in ICV

Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

1 PFBA	213.0 > 168.8	2993.783	3571.477	1.00	1.23	10.478	10.000	10.5	105.0	NO		
2 PFPrS	249 > 80		1108.667	1.00			10.000		(A)	NO		YES
3 3:3 FTCA	240.9 > 176.9		8200.915	1.00			10.000			NO		YES
4 PFPeA	263.1 > 218.9	5968.996	8200.915	1.00	2.15	9.098	10.000	10.5	104.7	NO		
5 PFBS	299.0 > 80	1912.908	1108.667	1.00	2.44	21.568	8.840	9.04	102.2	NO	2.624	NO
6 4:2 FTS	327.0 > 307	1191.219	1505.953	1.00	2.88	9.888	9.360	9.69	103.5	NO	0.677	NO
47 13C3-PFBA-EIS	216.1 > 171.8	3571.477		1.00	1.22	3571.477	12.500	12.3	98.8	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1108.667		1.00	2.44	1108.667	12.500	13.5	108.3	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	8200.915		1.00	2.15	8200.915	12.500	13.9	111.4	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	8200.915		1.00	2.15	8200.915	12.500	13.9	111.4	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1108.667		1.00	2.44	1108.667	12.500	13.5	108.3	NO		
55 13C2-4:2 FTS-EIS	329.0 >79.7	1505.953		1.00	2.88	1505.953	12.500	12.7	101.7	NO		
-1												
7 PFHxA	313.0 > 269.0	9000.563	10843.289	1.00	2.96	10.376	10.000	10.8	107.9	NO	15.955	NO
8 PFPeS	349.>80	1672.551	1108.667	1.00	3.17	18.858	9.360	10.1	108.1	NO	2.303	NO
9 HFPO-DA	285.1 > 168.9	1683.890	2244.897	1.00	3.19	9.376	10.000	9.51	95.1	NO	2.470	NO
10 5:3 FTCA	340.9 > 236.9		9820.174	1.00			10.000		(A)	NO		YES
11 PFHpA	363.0 > 319	10082.159	9820.174	1.00	3.58	12.833	10.000	10.5	104.7	NO	59.322	YES
12 ADONA	376.8 > 250.9	15898.518	9820.174	1.00	3.69	20.237	9.440	9.74	103.2	NO	3.913	NO
57 13C2-PFHxA-EIS	315.0 > 270.0	10843.289		1.00	2.96	10843.289	12.500	12.8	102.2	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1108.667		1.00	2.44	1108.667	12.500	13.5	108.3	NO		
53 13C3-HFPO-DA-EIS	287.0 > 168.9	2244.897		1.00	3.19	2244.897	12.500	13.8	110.5	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9820.174		1.00	3.58	9820.174	12.500	13.6	108.4	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9820.174		1.00	3.58	9820.174	12.500	13.6	108.4	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	9820.174		1.00	3.58	9820.174	12.500	13.6	108.4	NO		
-1												
13 L-PFHxS	399 > 79.9	1691.469	2046.562	1.00	3.73	10.331	9.120	9.70	106.3	NO	4.118	YES
15 6:2 FTS	427.0 > 407	1124.521	1275.533	1.00	4.04	11.020	9.480	9.29	98.0	NO	0.758	NO
16 L-PFOA	413 > 369	9110.276	10190.271	1.00	4.09	11.175	10.000	10.2	102.1	NO	3.164	NO
18 PFecHS	461 > 381.0		10190.271	1.00			10.000		(A)	NO		YES
19 PFHpS	449.0 > 80	1585.561	2210.135	1.00	4.21	8.968	9.520	10.2	106.7	NO	1.852	NO
20 7:3 FTCA	440.9 > 336.9		11372.447	1.00			10.000		(A)	NO		YES
61 13C3-PFHxS-EIS	402 >80	2046.562		1.00	3.73	2046.562	12.500	11.9	95.4	NO		
63 13C2-6:2 FTS-EIS	429.0 >79.7	1275.533		1.00	4.04	1275.533	12.500	13.7	110.0	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	10190.271		1.00	4.09	10190.271	12.500	12.6	100.9	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	10190.271		1.00	4.09	10190.271	12.500	12.6	100.9	NO		

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Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

71	13C8-PFOS-EIS	507.1 > 80	2210.135		1.00	4.63	2210.135	12.500	13.2	105.7	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	11372.447		1.00	4.54	11372.447	12.500	13.7	110.0	NO		
-1													
21	PFNA	463.0 > 418.8	9938.102	11372.447	1.00	4.54	10.923	10.000	10.6	106.1	NO	13.244	YES
22	PFOSA	498 > 78	1970.125	3465.817	1.00	4.59	7.106	10.000	11.4	113.8	NO	20.006	NO
23	L-PFOS	499 > 80	1836.889	2210.135	1.00	4.63	10.389	9.280	8.51	91.7	NO	2.346	NO
25	9Cl-PF30NS	531 > 351	4340.035	2210.135	1.00	4.85	24.546	9.320	9.35	100.3	NO	37.421	YES
26	PFDA	513 > 469	9895.364	13355.875	1.00	4.93	9.261	10.000	10.5	105.3	NO	5.362	NO
27	8:2 FTS	527.1 > 507	839.655	1076.402	1.00	4.90	9.751	9.600	11.1	115.8	NO	0.566	NO
65	13C5-PFNA-EIS	468.2 > 422.9	11372.447		1.00	4.54	11372.447	12.500	13.7	110.0	NO		
67	13C8-PFOSA-EIS	506 > 78	3465.817		1.00	4.59	3465.817	12.500	13.4	107.5	NO		
71	13C8-PFOS-EIS	507.1 > 80	2210.135		1.00	4.63	2210.135	12.500	13.2	105.7	NO		
71	13C8-PFOS-EIS	507.1 > 80	2210.135		1.00	4.63	2210.135	12.500	13.2	105.7	NO		
73	13C2-PFDA-EIS	515.1 > 469.9	13355.875		1.00	4.93	13355.875	12.500	12.3	98.8	NO		
75	13C2-8:2 FTS-EIS	529 > 80	1076.402		1.00	4.90	1076.402	12.500	11.9	95.6	NO		
-1													
28	PFNS	549 > 80	2158.150	2210.135	1.00	4.99	12.206	9.600	11.0	114.7	NO	2.881	NO
29	L-MeFOSAA	570 > 419	3139.114	3462.062	1.00	5.08	11.334	10.000	9.91	99.1	NO	2.045	NO
31	L-EtFOSAA	584 > 419	3666.776	3511.648	1.00	5.24	13.052	10.000	9.29	92.9	NO	1.381	NO
33	PFUdA	563.0 > 519	11012.678	12447.086	1.00	5.26	11.059	10.000	10.6	106.2	NO	17.796	NO
34	PFDS	599.1 > 80.0	1829.782	2210.135	1.00	5.31	10.349	9.640	9.62	99.8	NO	2.048	NO
35	11Cl-PF30UdS	631 > 451	3350.871	14163.577	1.00	5.48	2.957	9.440	9.71	102.8	NO	18.161	NO
71	13C8-PFOS-EIS	507.1 > 80	2210.135		1.00	4.63	2210.135	12.500	13.2	105.7	NO		
77	d3-N-MeFOSAA-EIS	573.1 > 419	3462.062		1.00	5.08	3462.062	12.500	13.6	108.5	NO		
81	d5-N-EtFOSAA-EIS	589.3 > 419	3511.648		1.00	5.24	3511.648	12.500	13.7	109.9	NO		
79	13C2-PFUdA-EIS	565 > 519.8	12447.086		1.00	5.26	12447.086	12.500	12.6	101.0	NO		
71	13C8-PFOS-EIS	507.1 > 80	2210.135		1.00	4.63	2210.135	12.500	13.2	105.7	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	14163.577		1.00	5.55	14163.577	12.500	13.9	110.9	NO		
-1													
36	10:2 FTS	626.9 > 607		785.883	1.00			10.000		[illegible]	NO		YES
37	PFDoA	612.9 > 569.0	11540.154	14163.577	1.00	5.55	10.185	10.000	10.6	105.6	NO	11.498	NO
38	N-MeFOSA	512.1 > 168.9		13835.615	1.00			9.600		[illegible]	NO		YES
39	PFTrDA	662.9 > 618.9	10265.842	14163.577	1.00	5.80	9.060	10.000	9.93	99.3	NO	110.105	YES
40	PFDoS	699 > 80		13350.713	1.00			10.000		[illegible]	NO		YES
41	PFTeDA	713.0 > 669.0	8059.998	13350.713	1.00	6.02	7.546	10.000	10.3	103.4	NO	15.141	NO
85	13C2-10:2 FTS-EIS	632.9 > 80.0	785.883		1.00	5.53	785.883	12.500	13.8	110.7	NO		

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83 13C2-PFDoA-EIS	614.9 > 569.9	14163.577		1.00	5.55	14163.577	12.500	13.9	110.9	NO	
87 d3-N-MeFOSA-EIS	515.2 > 168.9	13835.615		1.00	5.59	13835.615	149.200	157	105.4	NO	
83 13C2-PFDoA-EIS	614.9 > 569.9	14163.577		1.00	5.55	14163.577	12.500	13.9	110.9	NO	
89 13C2-PFTeDA-EIS	715.1 > 669.7	13350.713		1.00	6.02	13350.713	12.500	13.2	106.0	NO	
89 13C2-PFTeDA-EIS	715.1 > 669.7	13350.713		1.00	6.02	13350.713	12.500	13.2	106.0	NO	
-1											
42 N-EtFOSA	526.1 > 168.9		18292.072	1.00			9.600			NO	YES
43 PFHxDA	813 > 769		16930.717	1.00			10.000			NO	YES
44 PFODA	913.1 > 868.8		16930.717	1.00			10.000			NO	
45 N-MeFOSE	616.1 > 58.9		15256.236	1.00			9.600			NO	
46 N-EtFOSE	630.1 > 58.9		17891.355	1.00			9.600			NO	
48 13C3-PFBA-RSD	216.1 > 171.8	3571.477	4190.116	1.00	1.22	10.654	12.500	12.1	97.1	NO	
91 d5-N-ETFOSA-EIS	531.1 > 168.9	18292.072		1.00	6.04	18292.072	149.200	152	102.1	NO	
93 13C2-PFHxDA-EIS	815 > 769.7	16930.717		1.00	6.37	16930.717	12.500	12.9	103.4	NO	
93 13C2-PFHxDA-EIS	815 > 769.7	16930.717		1.00	6.37	16930.717	12.500	12.9	103.4	NO	
95 d7-N-MeFOSE-EIS	623.1 > 58.9	15256.236		1.00	6.25	15256.236	149.200	152	101.8	NO	
97 d9-N-EtFOSE-EIS	639.2 > 58.8	17891.355		1.00	6.41	17891.355	149.200	166	110.9	NO	
50 13C3-PFPeA-RSD	266.0 > 221.8	8337.400	12045.896	1.00	2.15	8.652	12.500	13.1	104.7	NO	
-1											
52 13C3-PFBS-RSD	302.0 > 98.9	1108.667	917.455	1.00	2.44	15.105	12.500	11.4	91.5	NO	
54 13C3-HFPO-DA-RSD	287.0 > 168.9	2244.897	12045.896	1.00	3.19	2.330	12.500	12.8	102.7	NO	
56 13C2-4:2 FTS-RSD	329.0 >79.7	1505.953	917.455	1.00	2.88	20.518	12.500	11.8	94.4	NO	
58 13C2-PFHxA-RSD	315.0 > 270.0	10843.289	12045.896	1.00	2.96	11.252	12.500	12.4	99.1	NO	
60 13C4-PFHpA-RSD	367.2 > 321.8	9820.174	12045.896	1.00	3.58	10.190	12.500	13.2	105.4	NO	
62 13C3-PFHxS-RSD	402 > 80	2046.562	917.455	1.00	3.73	27.884	12.500	11.2	89.4	NO	
64 13C2-6:2 FTS-RSD	429.0 >79.7	1275.533	2553.293	1.00	4.04	6.245	12.500	13.3	106.7	NO	
66 13C5-PFNA-RSD	468.2 > 422.9	11372.447	12277.458	1.00	4.54	11.579	12.500	12.1	96.9	NO	
68 13C8-PFOSA-RSD	506 > 78	3465.817	9470.217	1.00	4.59	4.575	12.500	12.5	99.9	NO	
70 13C2-PFOA-RSD	414.9 > 369.7	10190.271	9986.437	1.00	4.09	12.755	12.500	11.5	92.4	NO	
72 13C8-PFOS-RSD	507.1 > 80	2219.985	2553.293	1.00	4.63	10.868	12.500	13.0	103.6	NO	
74 13C2-PFDA-RSD	515.1 > 469.9	13355.875	10476.034	1.00	4.93	15.936	12.500	12.7	101.7	NO	
-1											
76 13C2-8:2 FTS-RSD	529 > 80	1076.402	2553.293	1.00	4.90	5.270	12.500	11.6	92.6	NO	
78 d3-N-MeFOSAA-RSD	573.1 > 419	3462.062	9470.217	1.00	5.08	4.570	12.500	13.2	105.3	NO	
80 13C2-PFUdA-RSD	565 > 519.8	12447.086	9470.217	1.00	5.26	16.429	12.500	12.7	101.3	NO	
82 d5-N-EtFOSAA-RSD	589.3 > 419	3511.648	9470.217	1.00	5.24	4.635	12.500	13.7	109.5	NO	

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84	13C2-PFDoA-RSD	614.9 > 569.9	14163.577	10476.034	1.00	5.55	16.900	12.500	13.0	104.2	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	785.883	2553.293	1.00	5.53	3.847	12.500	13.4	107.4	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	13835.615	9470.217	1.00	5.59	18.262	149.200	150	100.8	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	13350.713	9470.217	1.00	6.02	17.622	12.500	13.3	106.5	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	18292.072	9470.217	1.00	6.04	24.144	149.200	151	101.0	NO
94	13C2-PFHxDA-RSD	815 > 769.7	16930.717	9470.217	1.00	6.37	22.347	12.500	12.7	101.3	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	15256.236	9470.217	1.00	6.25	20.137	149.200	149	99.8	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	17891.355	9470.217	1.00	6.41	23.615	149.200	161	108.1	NO
-1											
99	13C4-PFBA	217.0 > 172.0	4190.116	4190.116	1.00	1.23	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	12045.896	12045.896	1.00	2.96	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	9986.437	9986.437	1.00	4.09	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	917.455	917.455	1.00	3.73	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	12277.458	12277.458	1.00	4.54	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	2553.293	2553.293	1.00	4.63	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	10476.034	10476.034	1.00	4.93	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	9470.217	9470.217	1.00	5.26	12.500	12.500	12.5	100.0	NO

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_052720_ICV.mdb 28 May 2020 09:50:03
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

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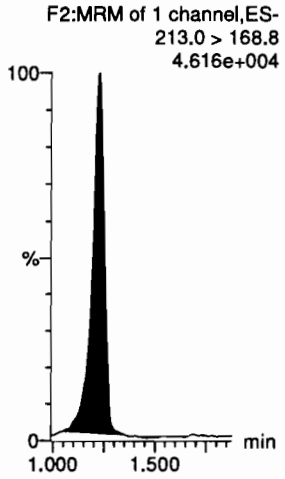
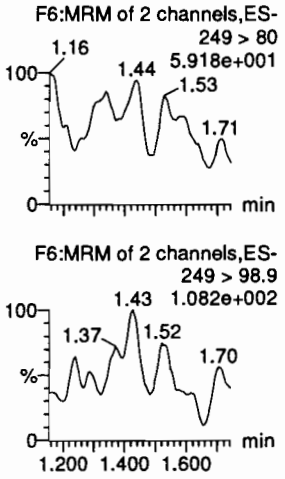
PFBA



PFPrS



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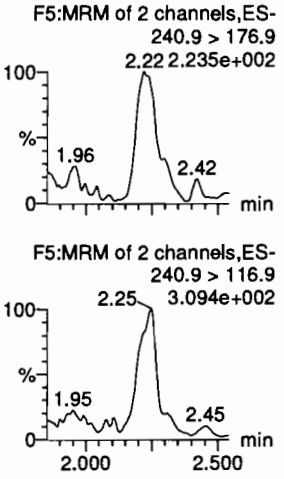
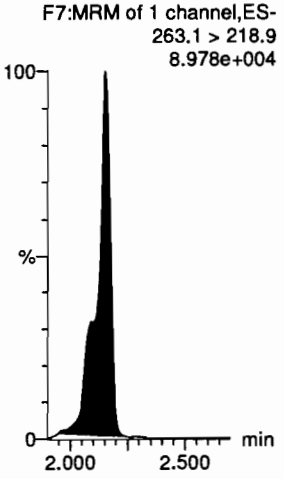
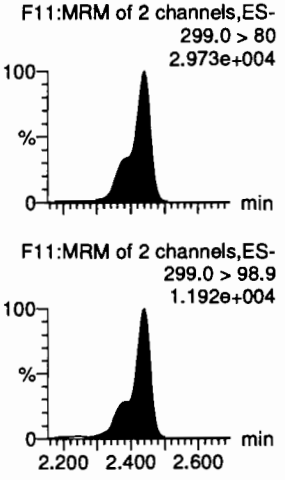


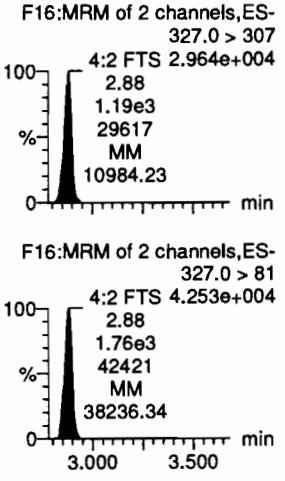
PFPeA



PFBS



4:2 FTS



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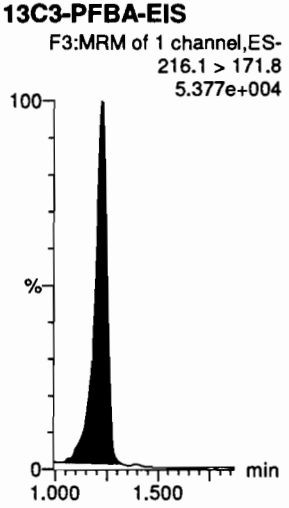
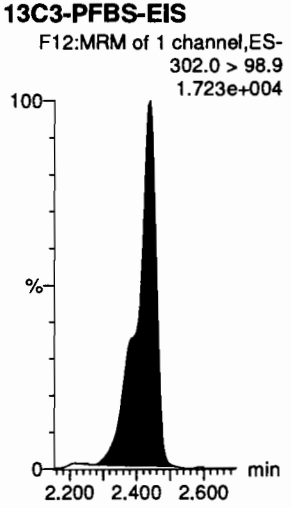
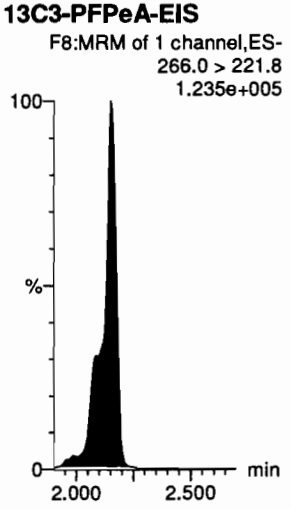


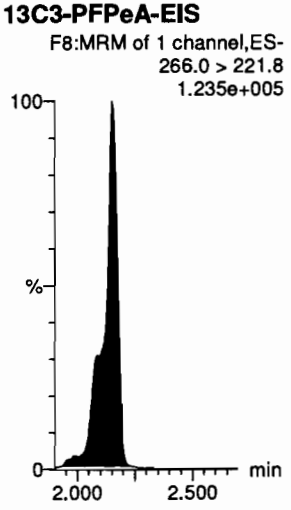
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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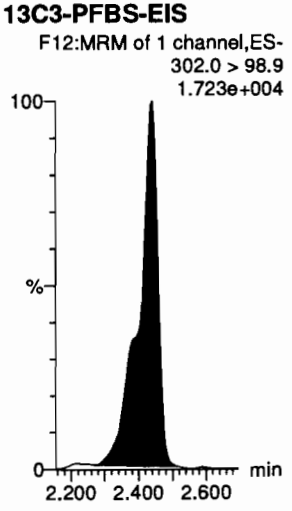
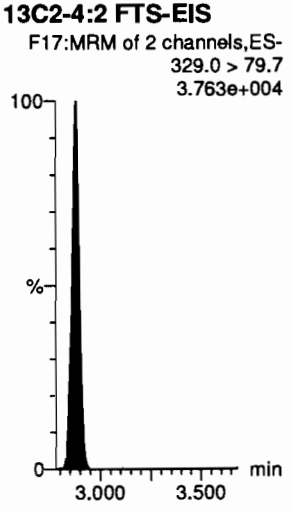


13C2-4:2 FTS-EIS



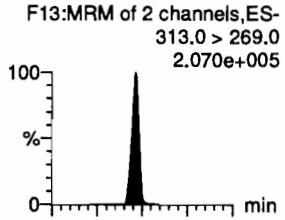
OPV 5/28/2020

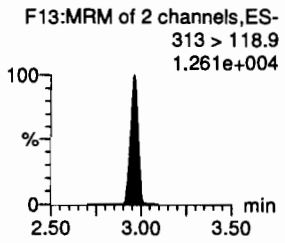
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-ICV.qld

Last Altered: Thursday, May 28, 2020 09:56:53 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:57:53 Pacific Daylight Time

Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

PFHxA





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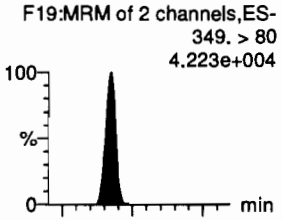

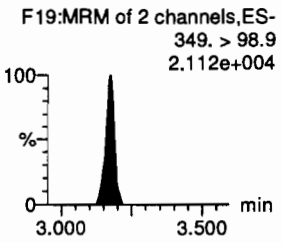

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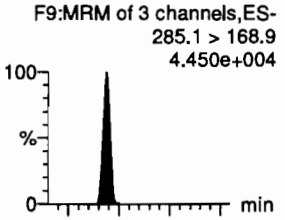

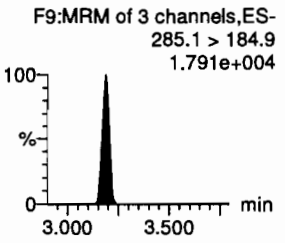

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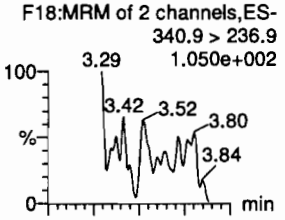

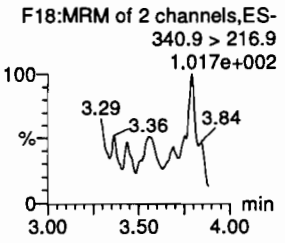

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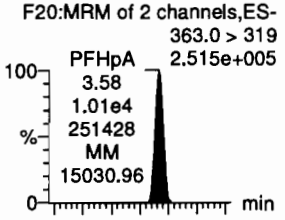

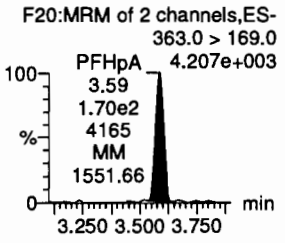

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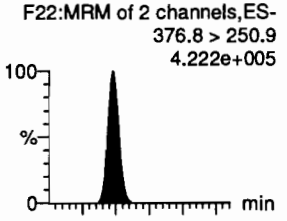

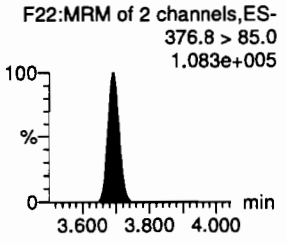

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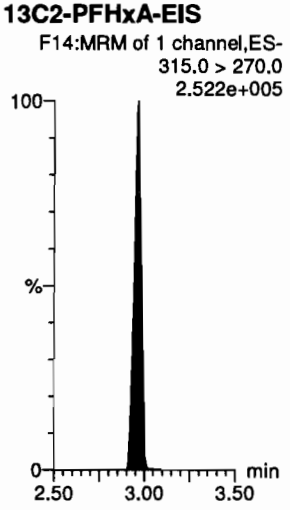

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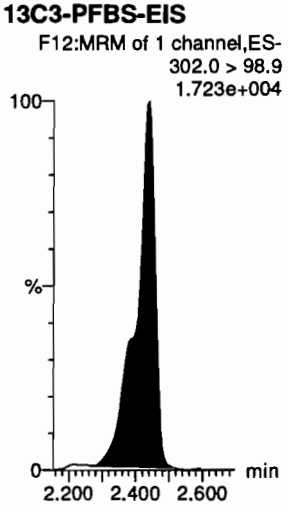

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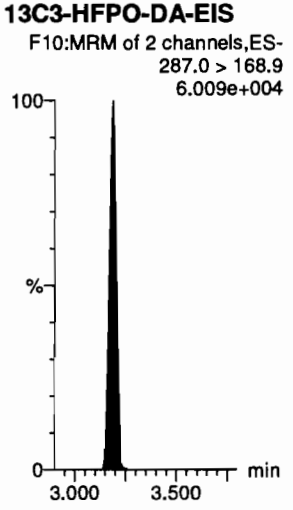

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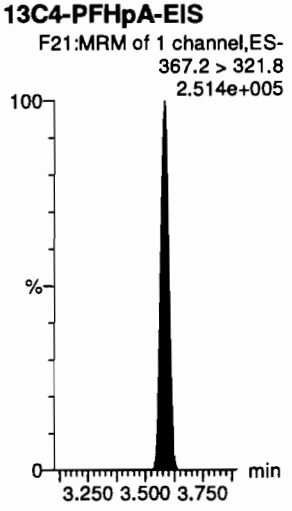

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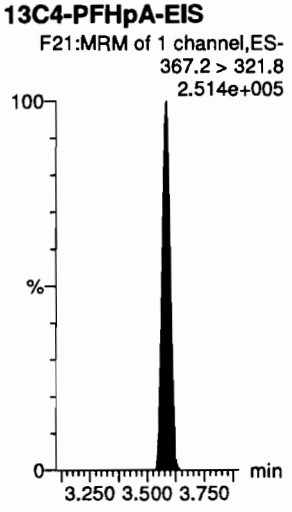

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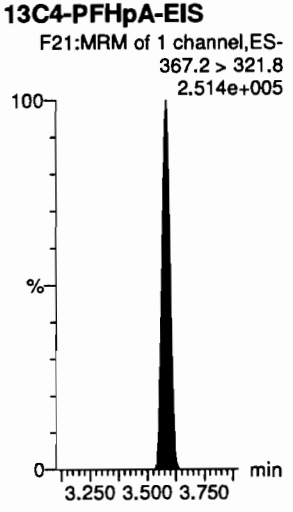


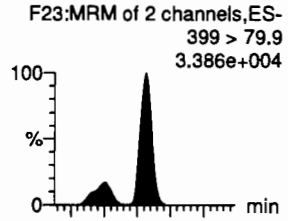
OPV 5/28/2020

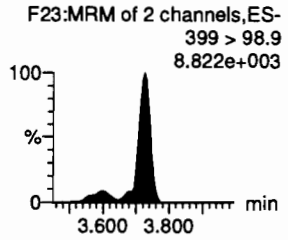
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-ICV.qld

Last Altered: Thursday, May 28, 2020 09:56:53 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:57:53 Pacific Daylight Time

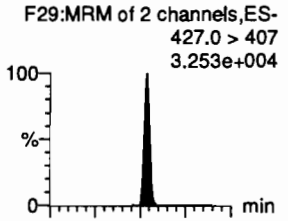
Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

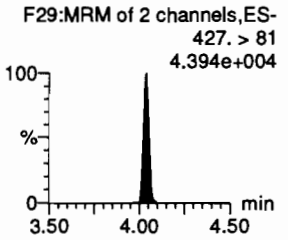
L-PFHxS





6:2 FTS





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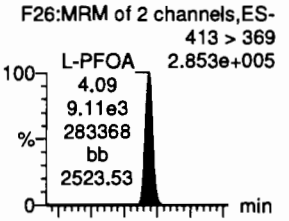

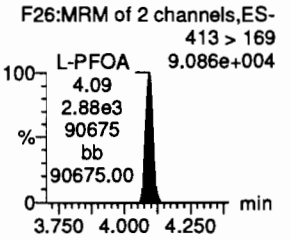

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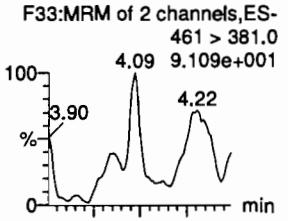

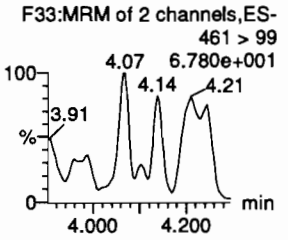

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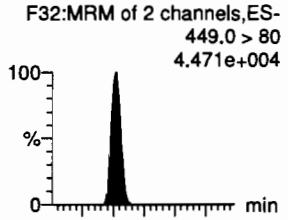
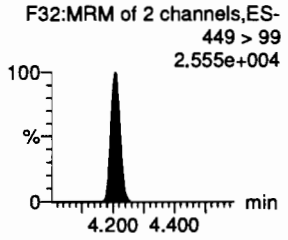
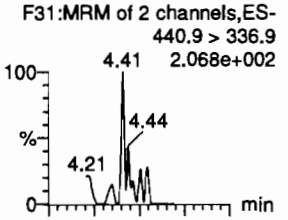
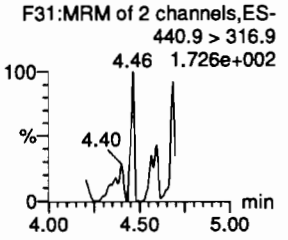


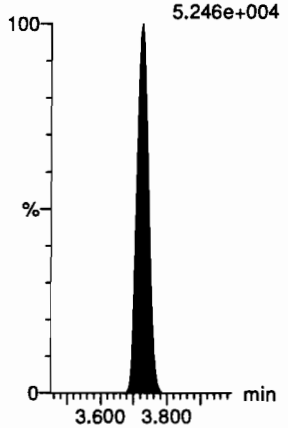


7:3 FTCA

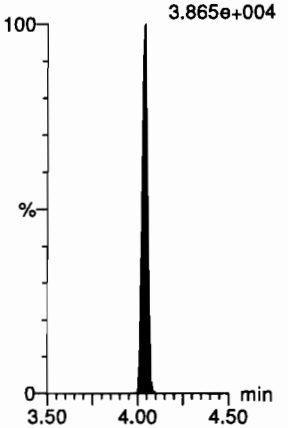




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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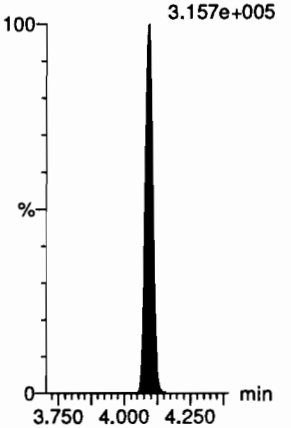

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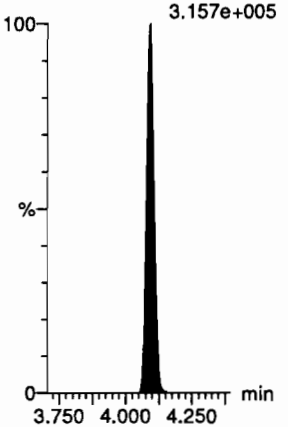
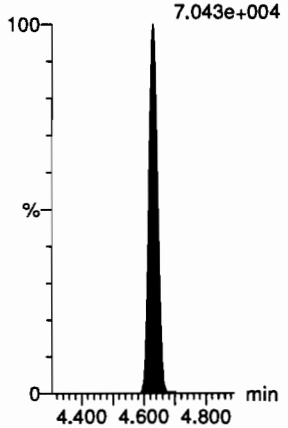
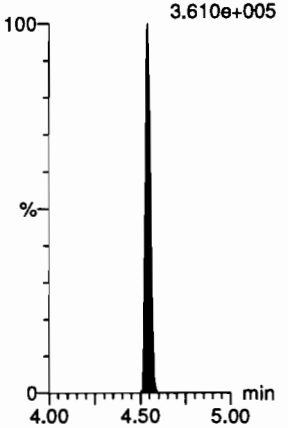


13C8-PFOS-EIS



13C5-PFNA-EIS



OPV 5/28/2020

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Last Altered: Thursday, May 28, 2020 09:56:53 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:57:53 Pacific Daylight Time

Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

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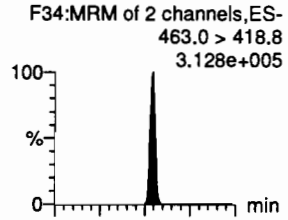

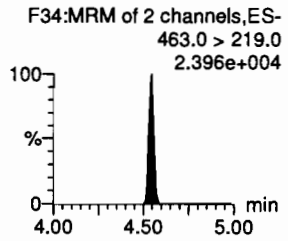

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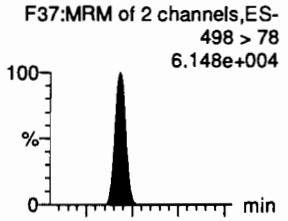
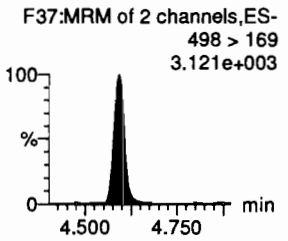
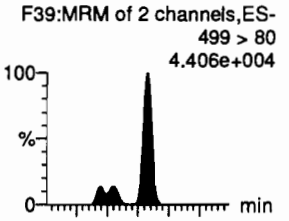
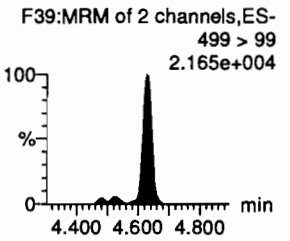




L-PFOS





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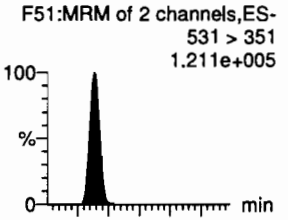

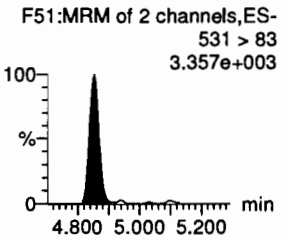

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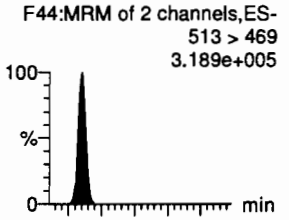
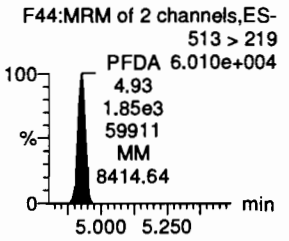
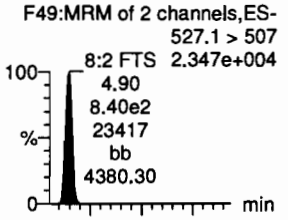
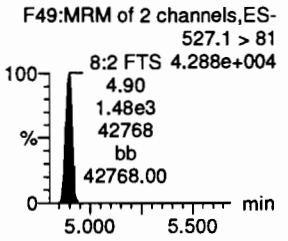




8:2 FTS





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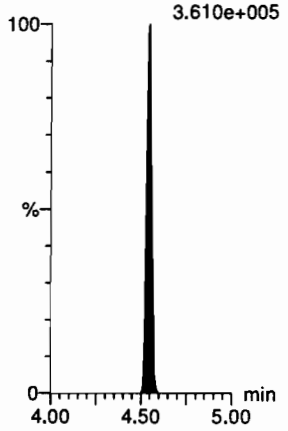

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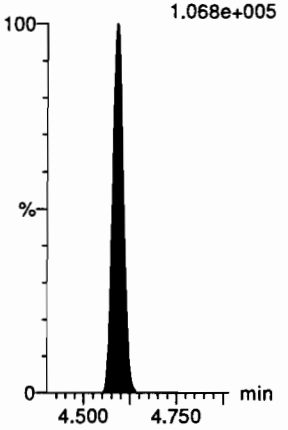
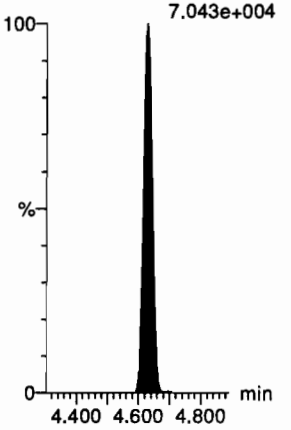


13C8-PFOS-EIS



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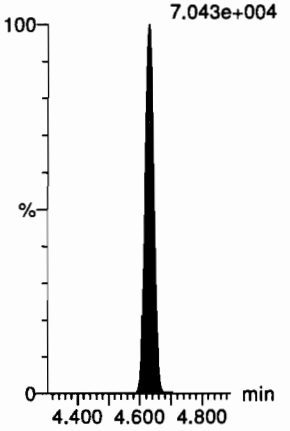

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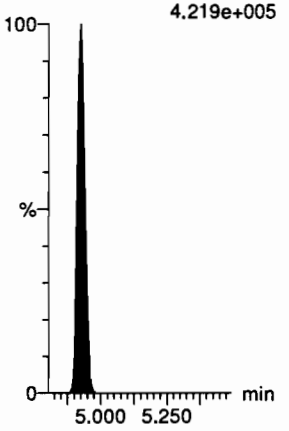

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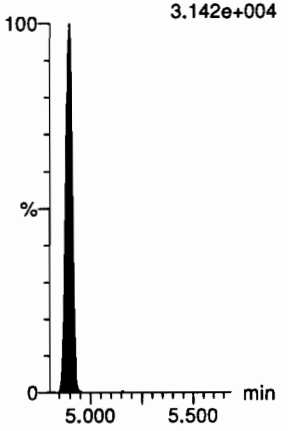

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Last Altered: Thursday, May 28, 2020 09:56:53 Pacific Daylight Time
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Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

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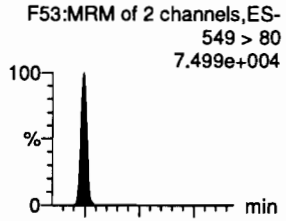

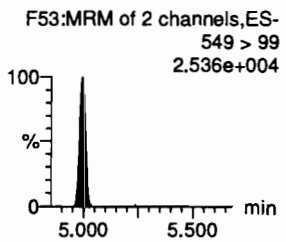

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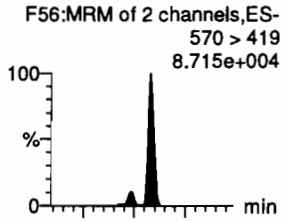

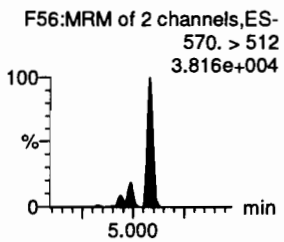

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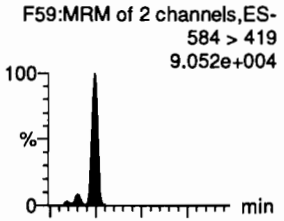

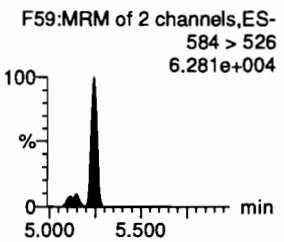

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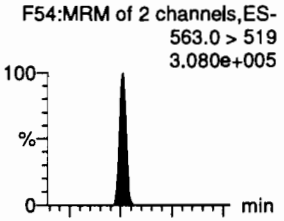

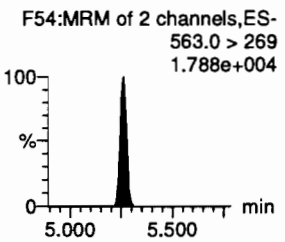

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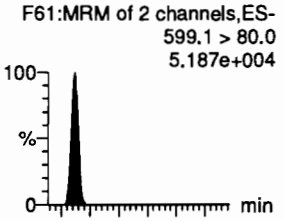

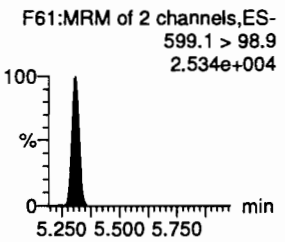

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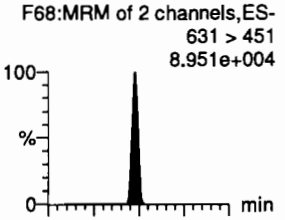

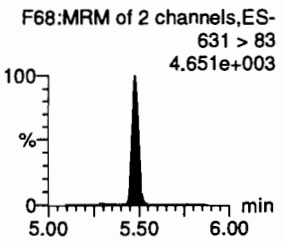

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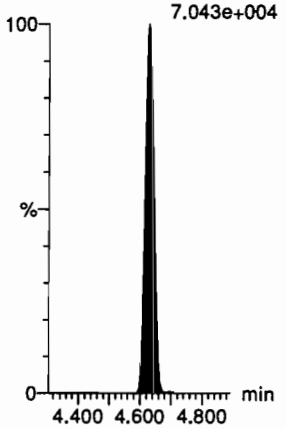

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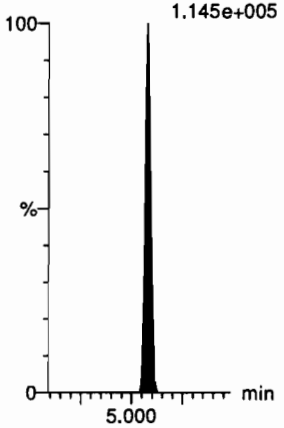

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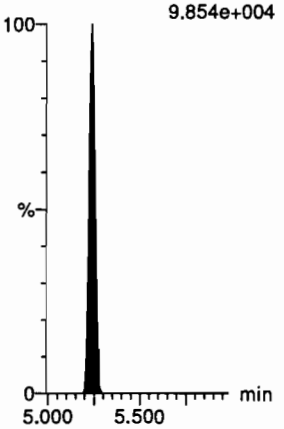

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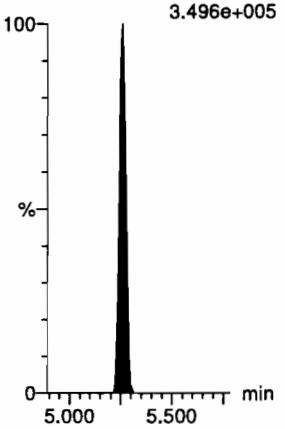

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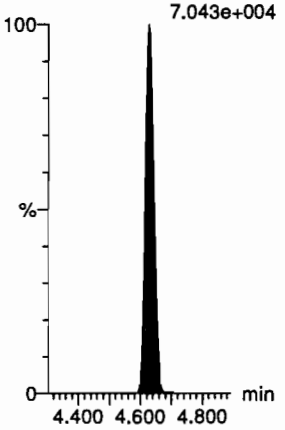

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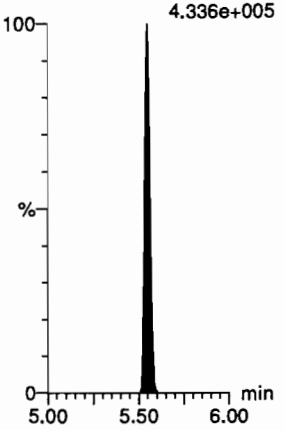

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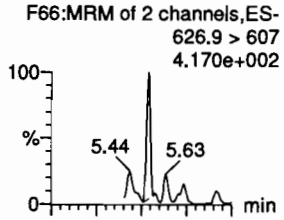
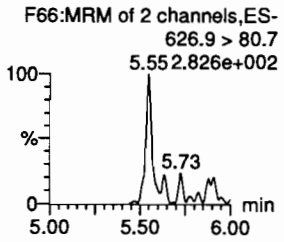
Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

10:2 FTS





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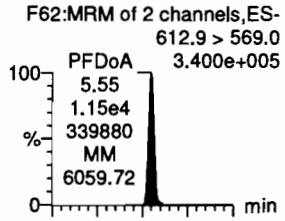

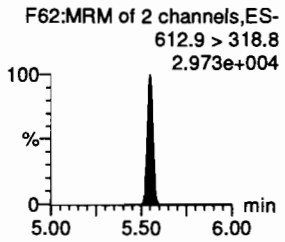

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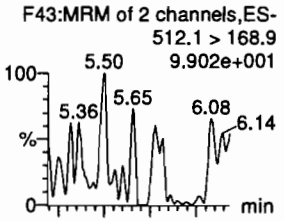

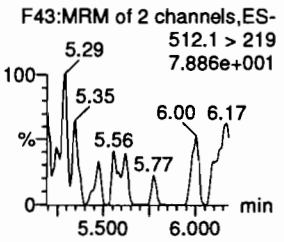

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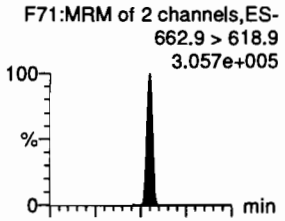

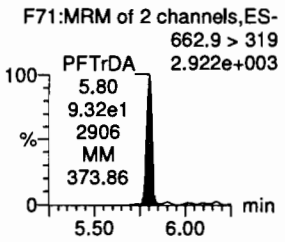

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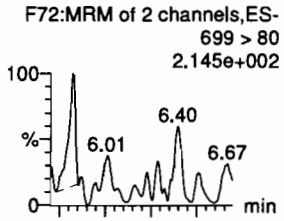

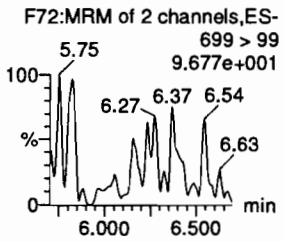

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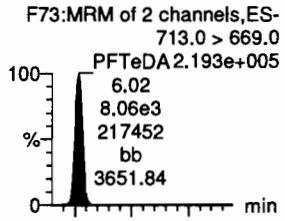

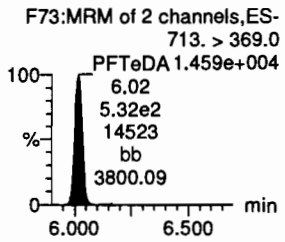

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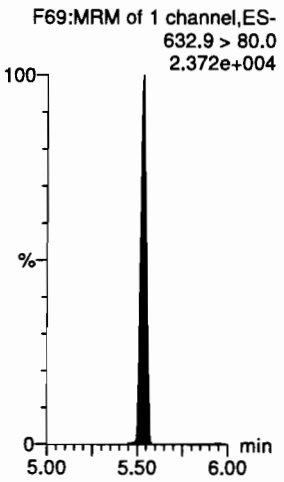
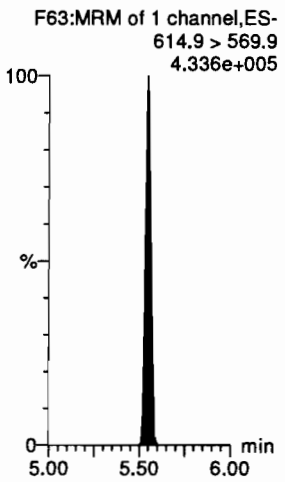
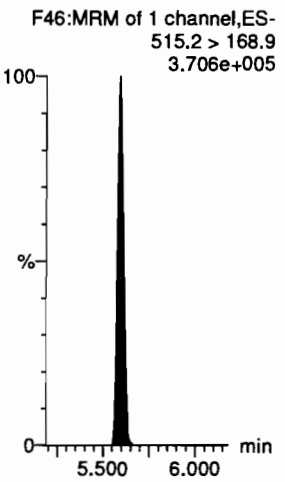


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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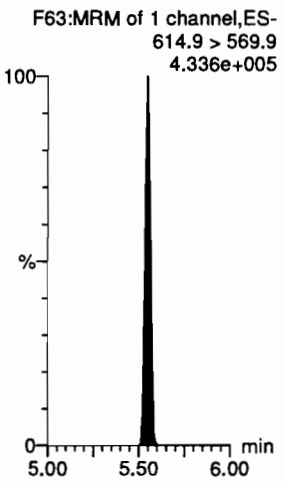

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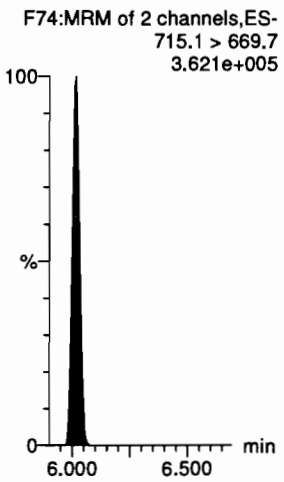

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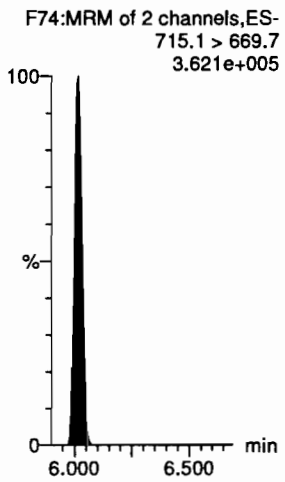

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Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

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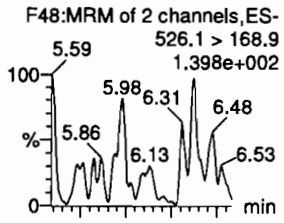

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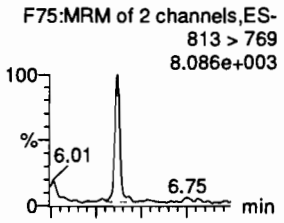

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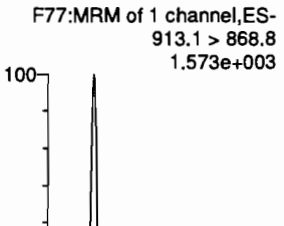

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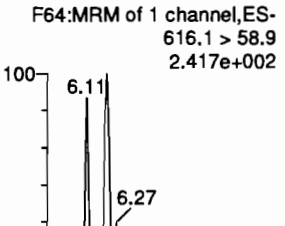

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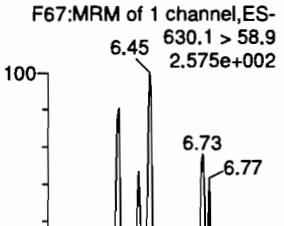

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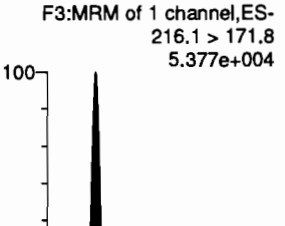
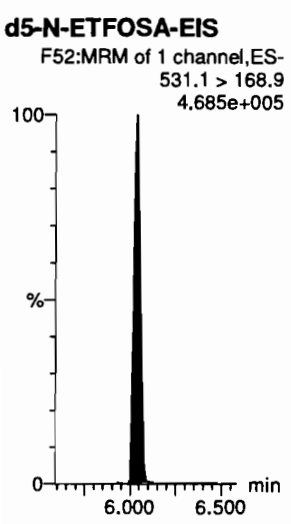


d5-N-ETFOSA-EIS



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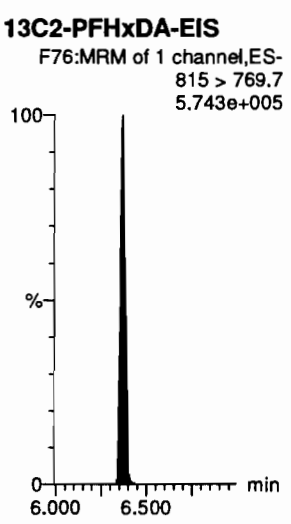

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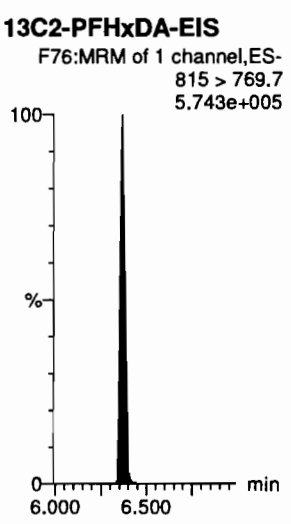

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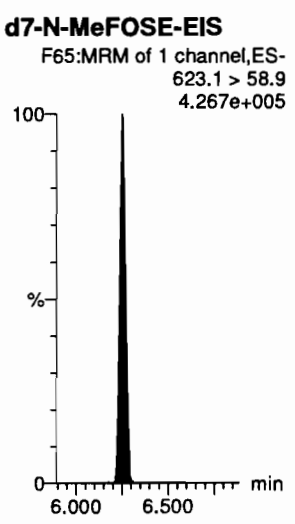

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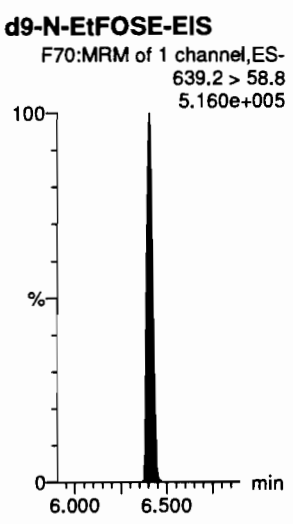

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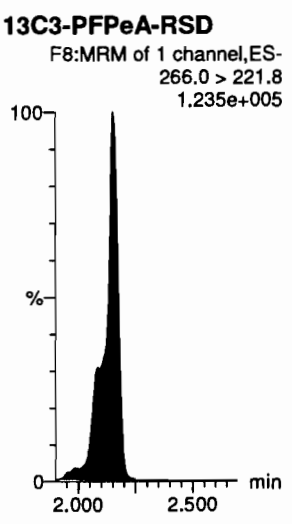

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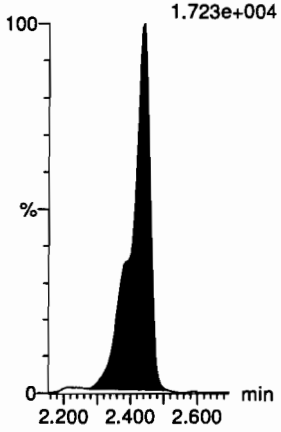
Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-ICV.qld

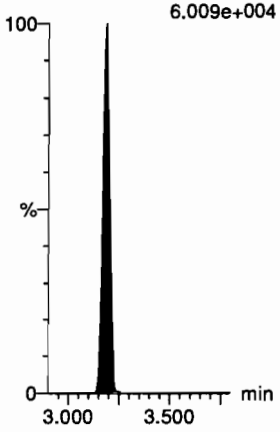
Last Altered: Thursday, May 28, 2020 09:56:53 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:57:53 Pacific Daylight Time

Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

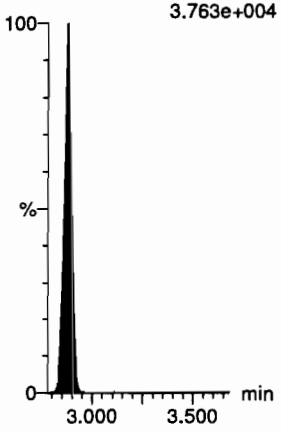
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
1.723e+004



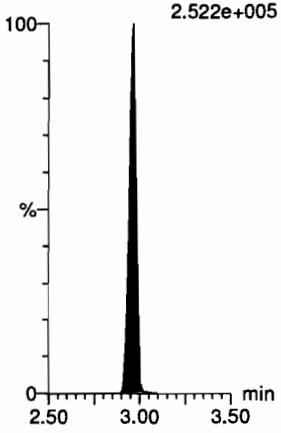
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.009e+004



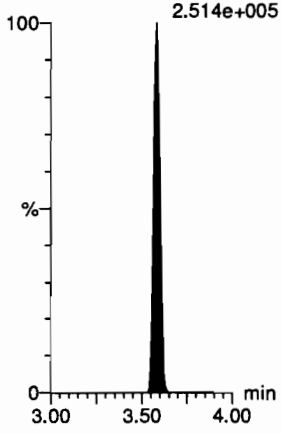
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.7
3.763e+004



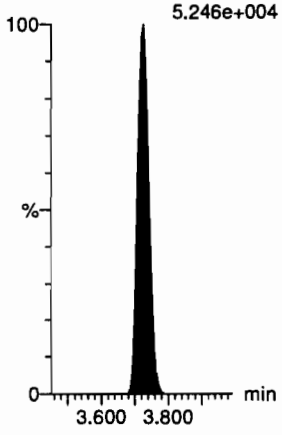
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
2.522e+005



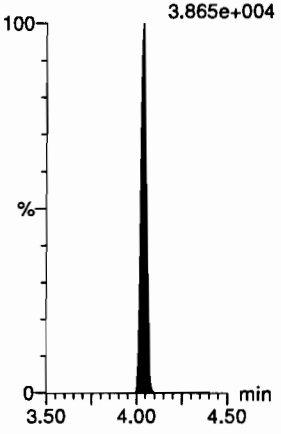
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.514e+005



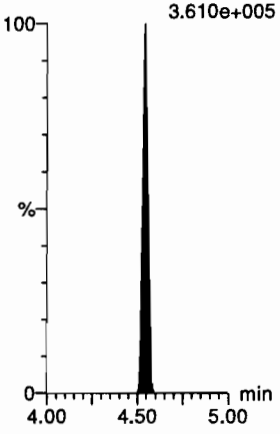
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
5.246e+004



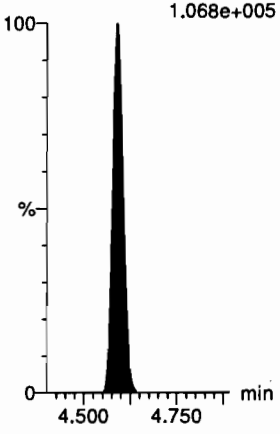
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.865e+004



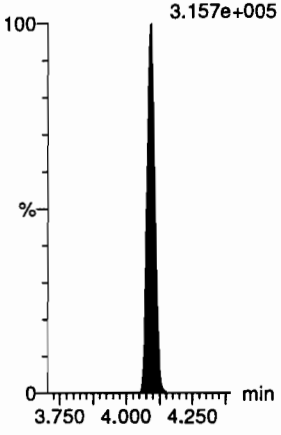
13C5-PFNA-RSD
F35:MRM of 1 channel,ES-
468.2 > 422.9
3.610e+005



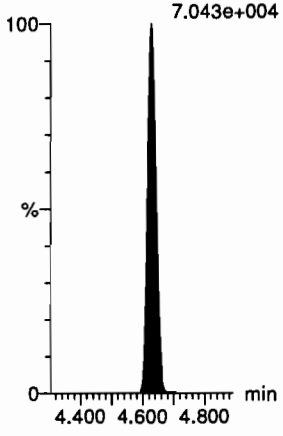
13C8-PFOSA-RSD
F41:MRM of 1 channel,ES-
506 > 78
1.068e+005



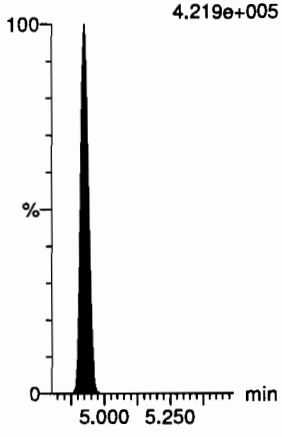
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.157e+005



13C8-PFOS-RSD
F42:MRM of 1 channel,ES-
507.1 > 80
7.043e+004



13C2-PFDA-RSD
F45:MRM of 1 channel,ES-
515.1 > 469.9
4.219e+005



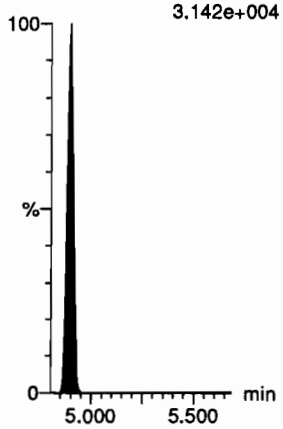
OPV 5/28/2020

Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-ICV.qld

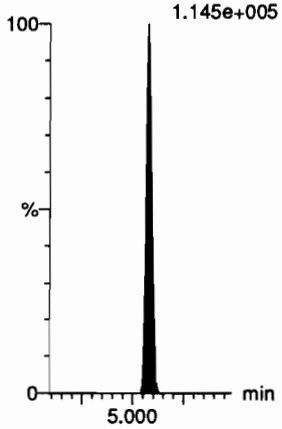
Last Altered: Thursday, May 28, 2020 09:56:53 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:57:53 Pacific Daylight Time

Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

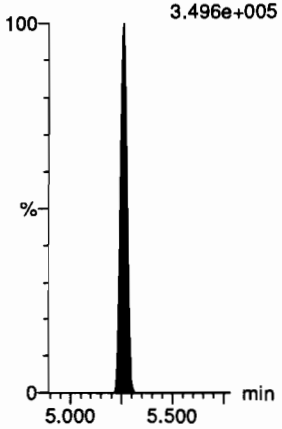
13C2-8:2 FTS-RSD
F50:MRM of 1 channel,ES-
529 > 80
3.142e+004



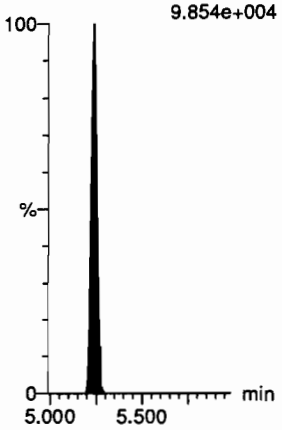
d3-N-MeFOSAA-RSD
F58:MRM of 1 channel,ES-
573.1 > 419
1.145e+005



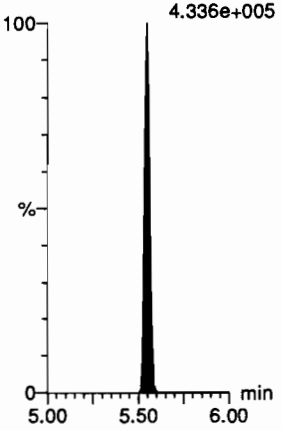
13C2-PFUdA-RSD
F55:MRM of 1 channel,ES-
565 > 519.8
3.496e+005



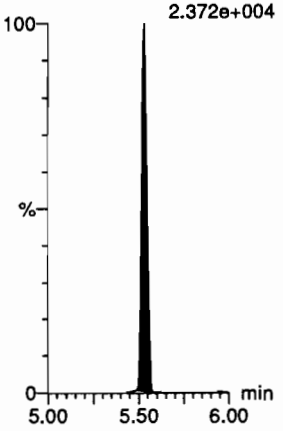
d5-N-EtFOSAA-RSD
F60:MRM of 1 channel,ES-
589.3 > 419
9.854e+004



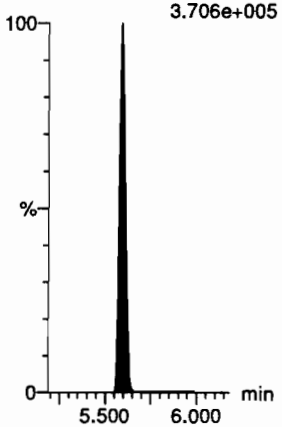
13C2-PFDoA-RSD
F63:MRM of 1 channel,ES-
614.9 > 569.9
4.336e+005



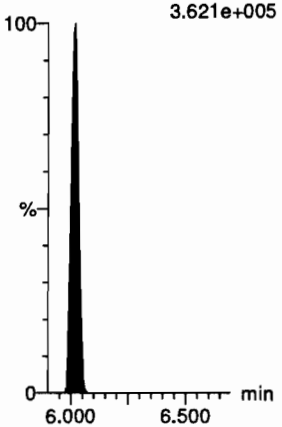
13C2-10:2 FTS-RSD
F69:MRM of 1 channel,ES-
632.9 > 80.0
2.372e+004



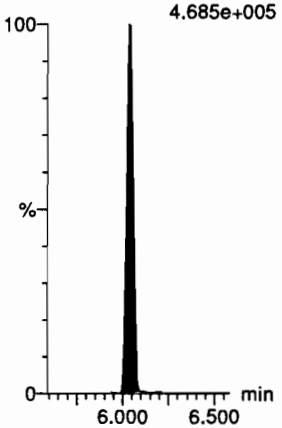
d3-N-MeFOSA-RSD
F46:MRM of 1 channel,ES-
515.2 > 168.9
3.706e+005



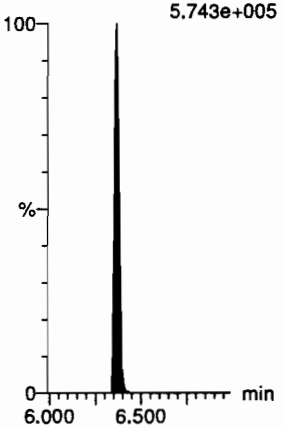
13C2-PFTeDA-RSD
F74:MRM of 2 channels,ES-
715.1 > 669.7
3.621e+005



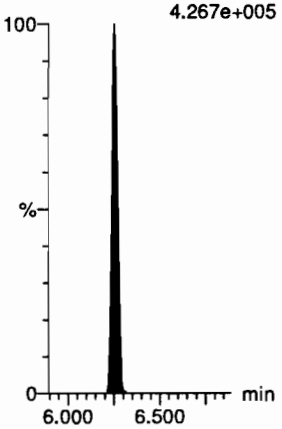
d5-N-ETFOSA-RSD
F52:MRM of 1 channel,ES-
531.1 > 168.9
4.685e+005



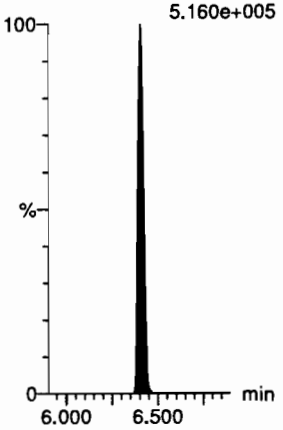
13C2-PFHxDA-RSD
F76:MRM of 1 channel,ES-
815 > 769.7
5.743e+005



d7-N-MeFOSE-RSD
F65:MRM of 1 channel,ES-
623.1 > 58.9
4.267e+005



d9-N-EtFOSE-RSD
F70:MRM of 1 channel,ES-
639.2 > 58.8
5.160e+005

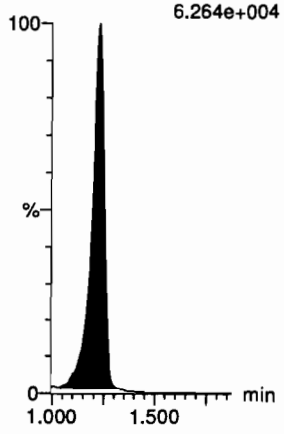


Dataset: D:\PFAS5.PRO\RESULTS\200527P1\200527P1-ICV.qld

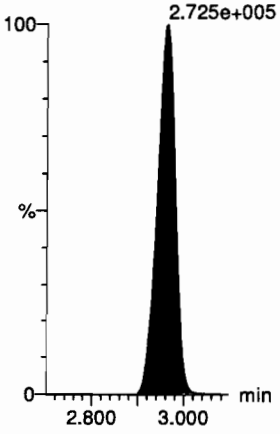
Last Altered: Thursday, May 28, 2020 09:56:53 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:57:53 Pacific Daylight Time

Name: 200527P1-16, Date: 27-May-2020, Time: 14:47:49, ID: ICV200527P1-1 PFC ICV 20E0515, Description: PFC ICV 20E0515

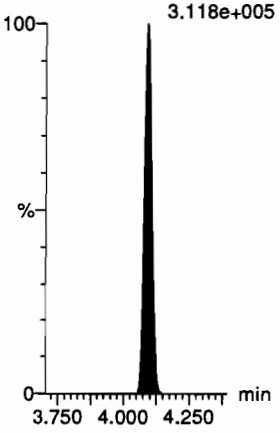
13C4-PFBA



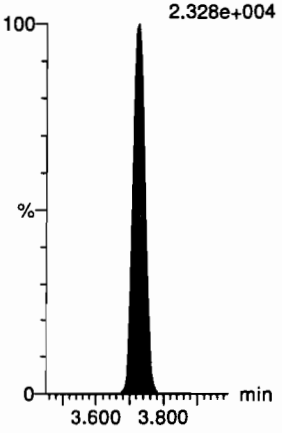
13C5-PFHxA



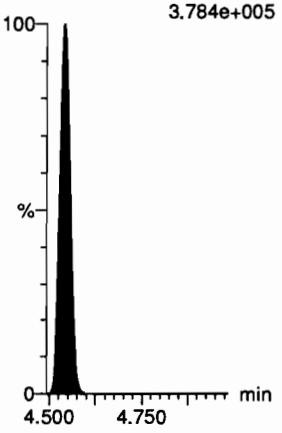
13C8-PFOA



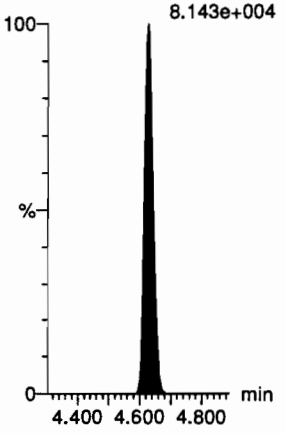
18O2-PFHxS



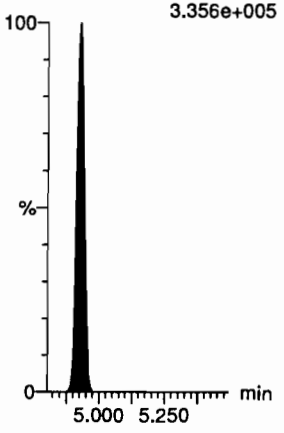
13C9-PFNA



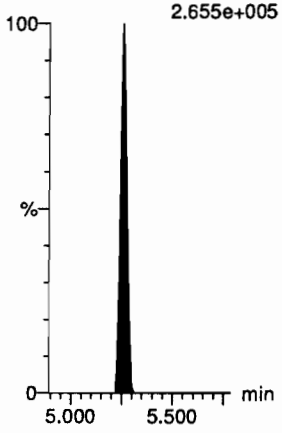
13C4-PFOS



13C6-PFDA



13C7-PFUdA



OPV 5/28/2020

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Thursday, May 28, 2020 09:49:08 Pacific Daylight Time
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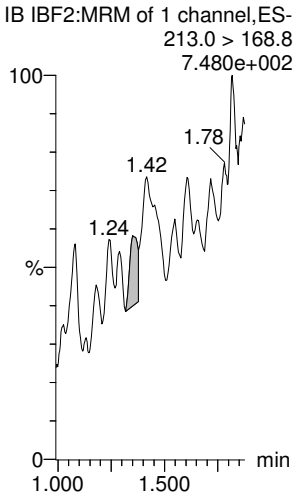
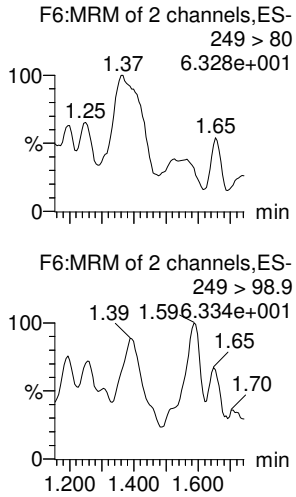
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_05-27-20.cdb 28 May 2020 09:39:32

Name: 200527P1-15, Date: 27-May-2020, Time: 14:37:19, ID: IB, Description: IB

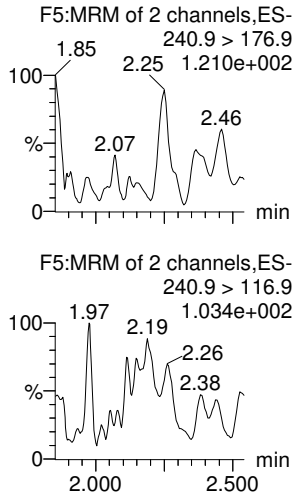
PFBA



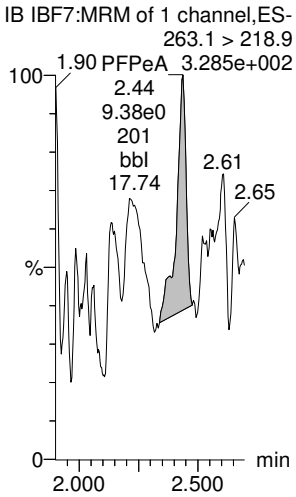
PFPrS



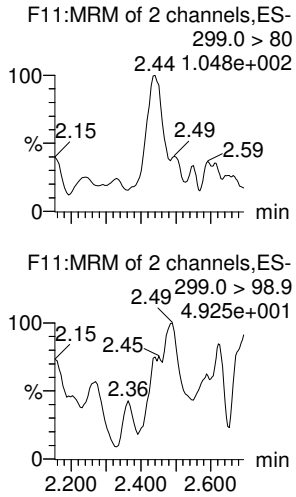
3:3 FTCA



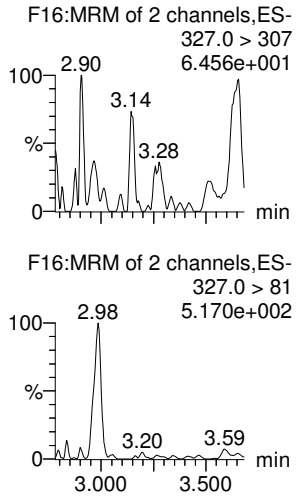
PFPeA



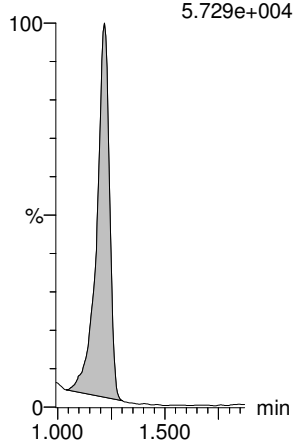
PFBS



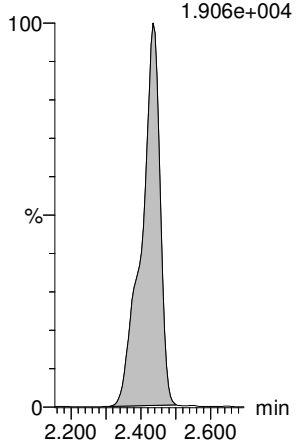
4:2 FTS



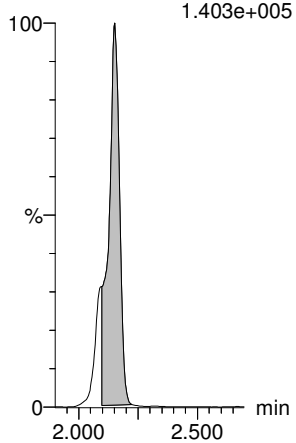
13C3-PFBA-EIS



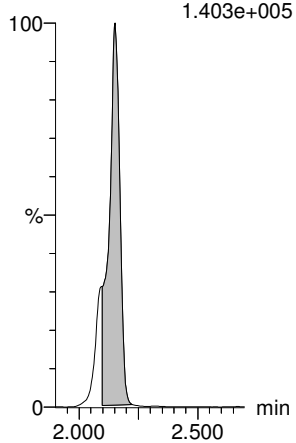
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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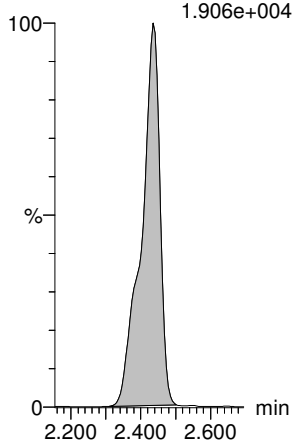
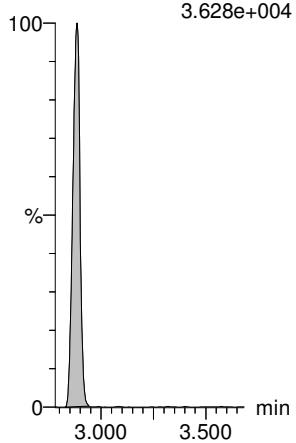


13C2-4:2 FTS-EIS



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Last Altered: Thursday, May 28, 2020 09:49:08 Pacific Daylight Time
Printed: Thursday, May 28, 2020 09:49:14 Pacific Daylight Time

Name: 200527P1-15, Date: 27-May-2020, Time: 14:37:19, ID: IB, Description: IB

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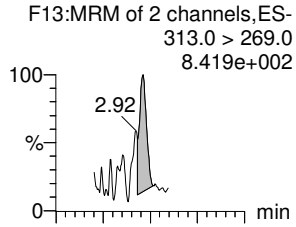

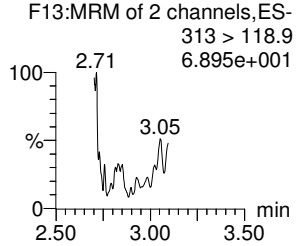

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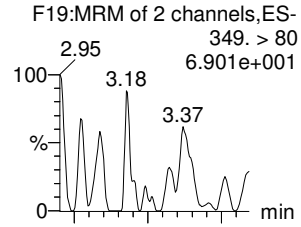

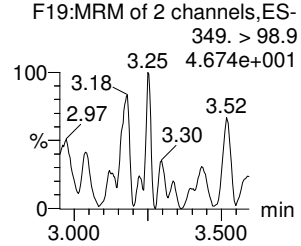

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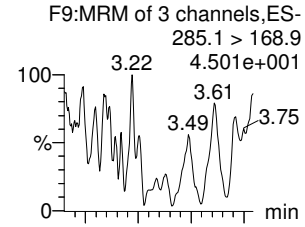
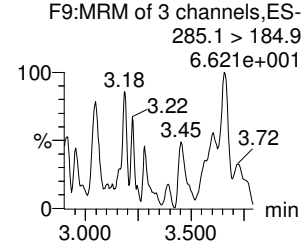
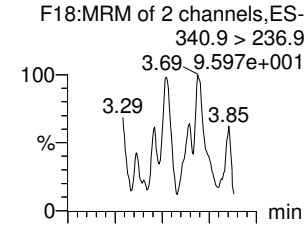
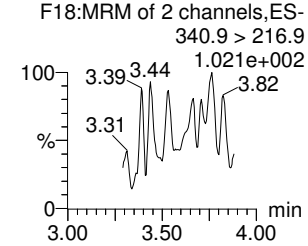




5:3 FTCA





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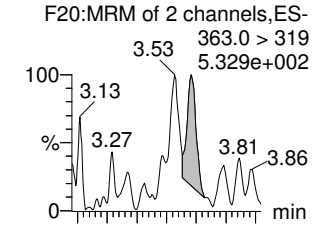

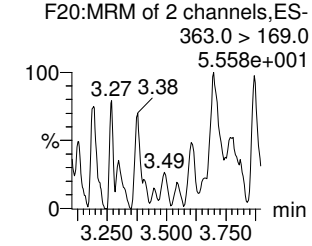

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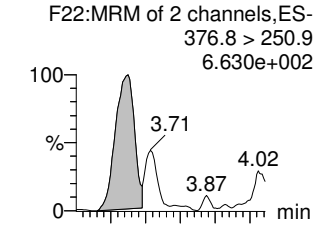
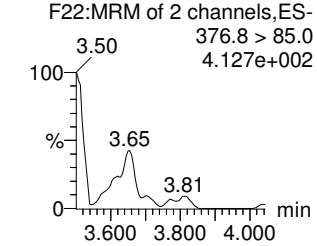
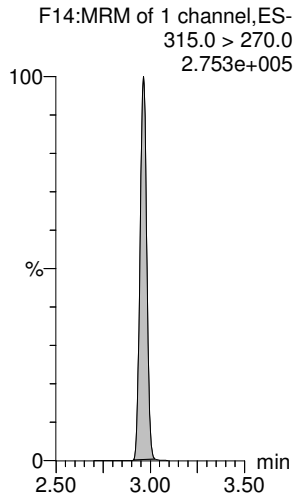
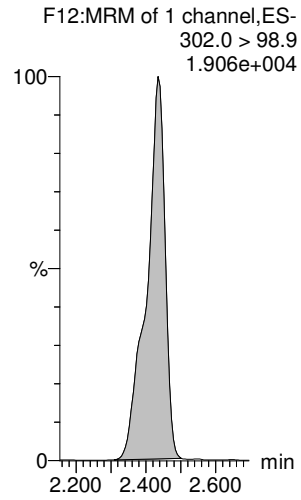




13C2-PFHxA-EIS



13C3-PFBS-EIS



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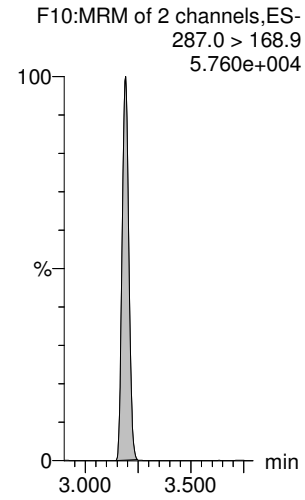

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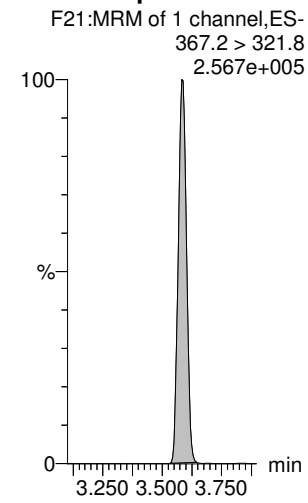

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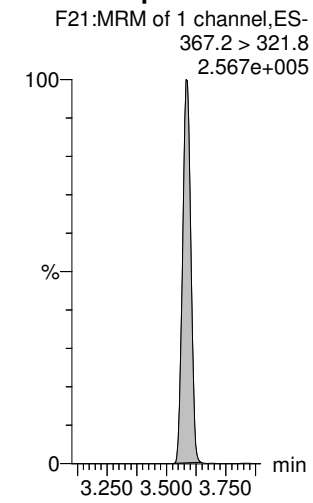

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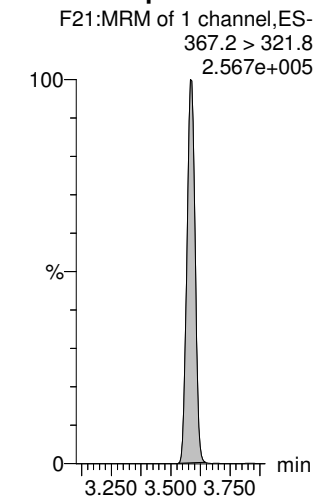

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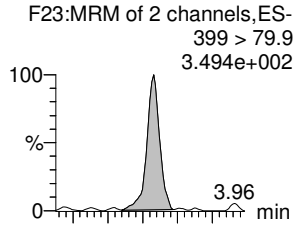
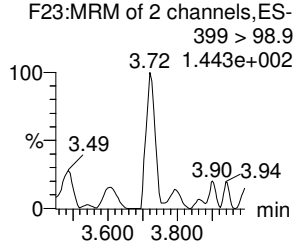
Printed: Thursday, May 28, 2020 09:49:14 Pacific Daylight Time

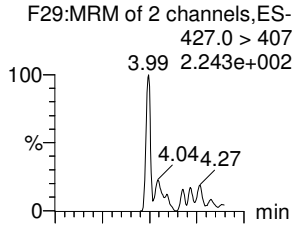
Name: 200527P1-15, Date: 27-May-2020, Time: 14:37:19, ID: IB, Description: IB

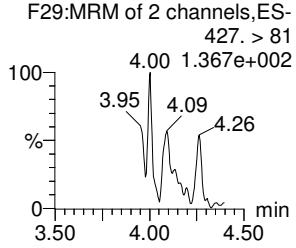
L-PFHxS





6:2 FTS





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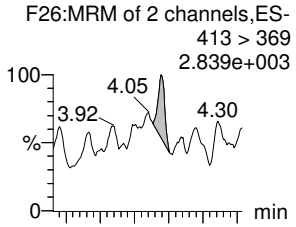

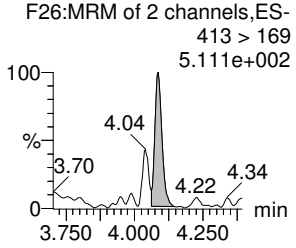

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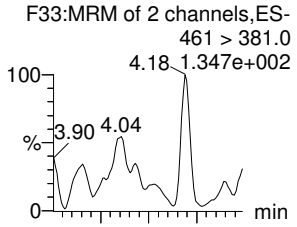

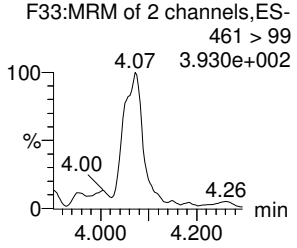

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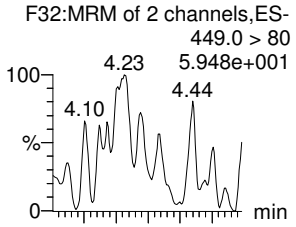
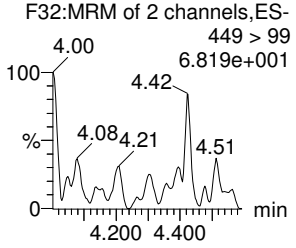
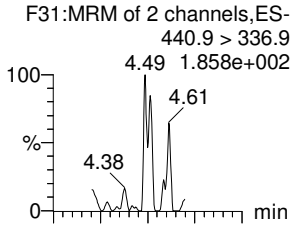
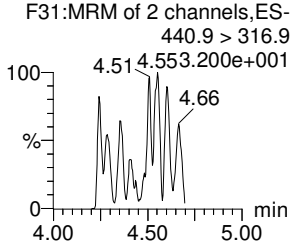


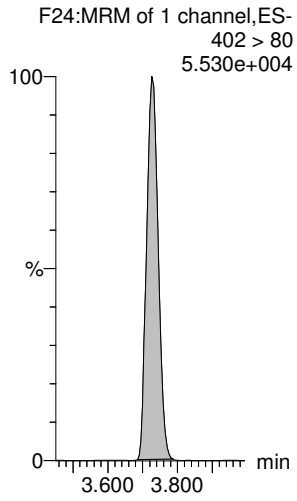


7:3 FTCA

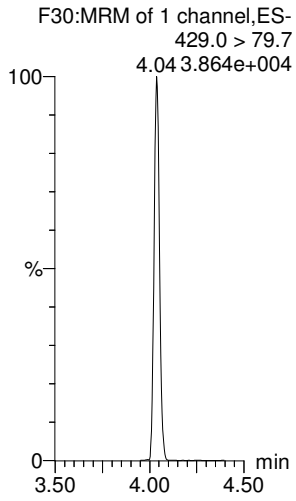




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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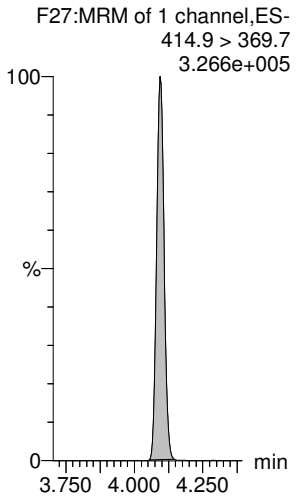

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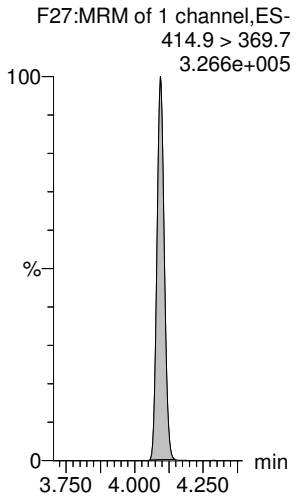
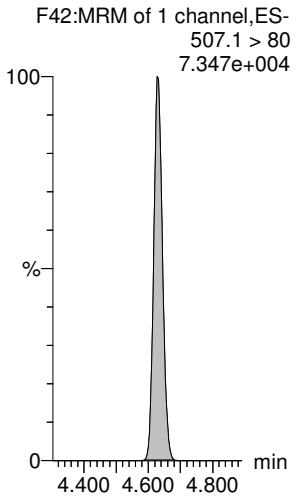
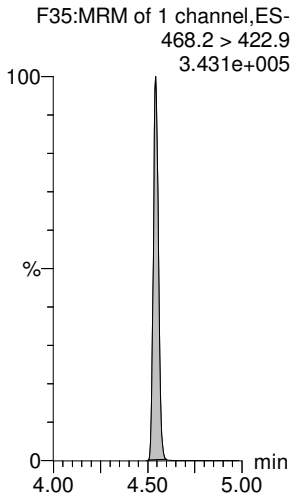


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200527P1-15, Date: 27-May-2020, Time: 14:37:19, ID: IB, Description: IB

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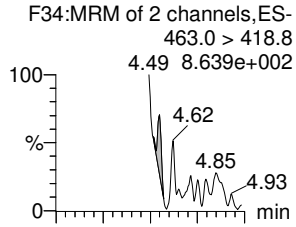

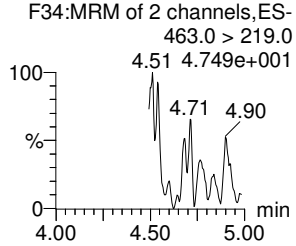

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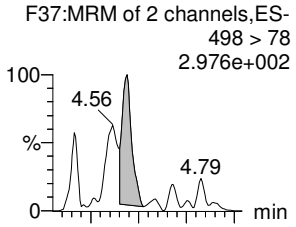
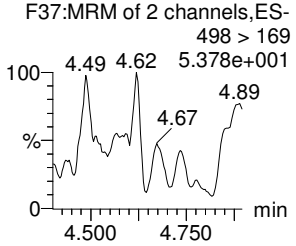
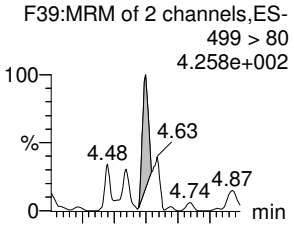
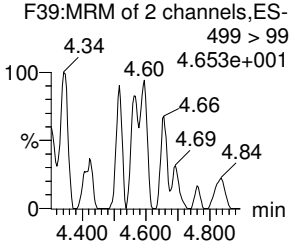


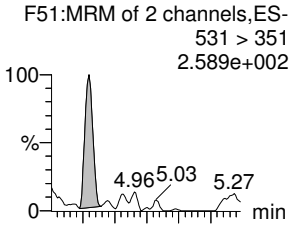


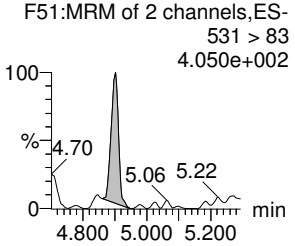
L-PFOS





9Cl-PF30NS





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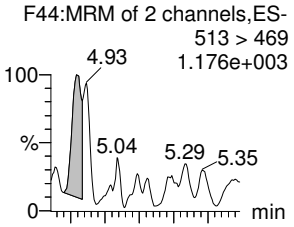
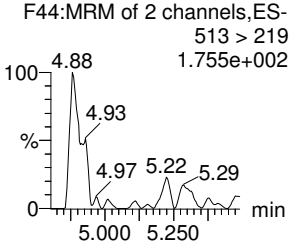
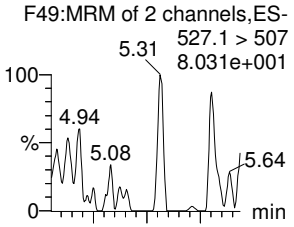
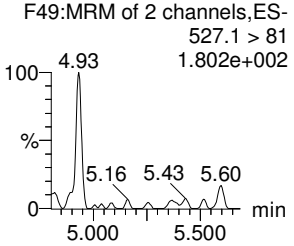


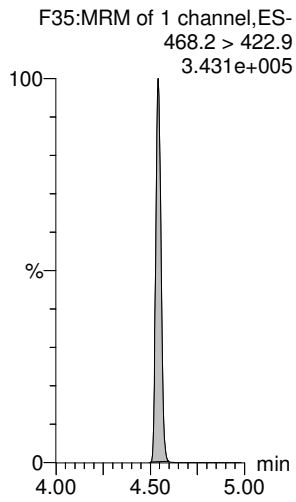


8:2 FTS

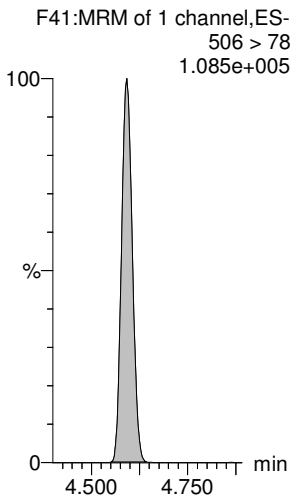




13C5-PFNA-EIS



13C8-PFOSA-EIS



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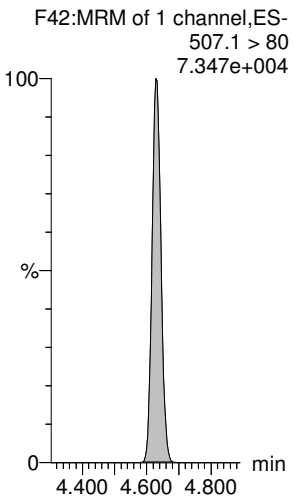

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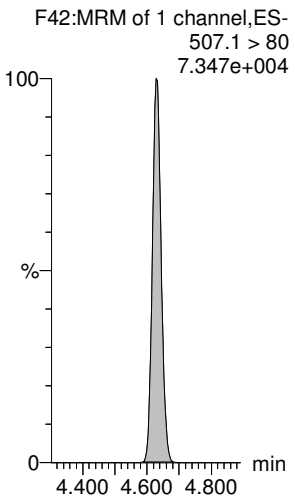

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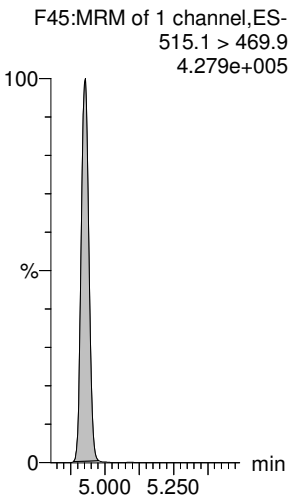
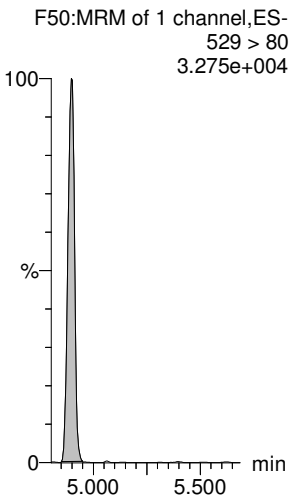


13C2-8:2 FTS-EIS



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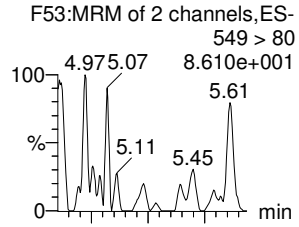

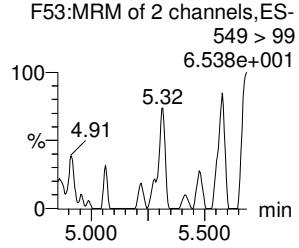

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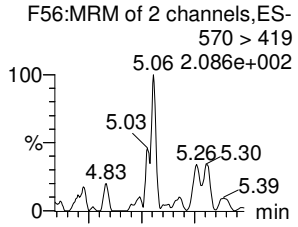

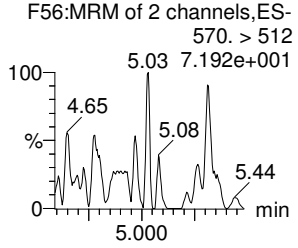

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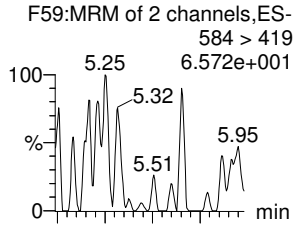

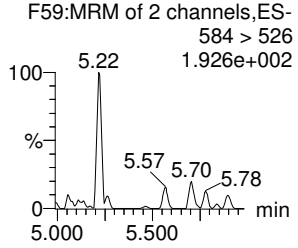

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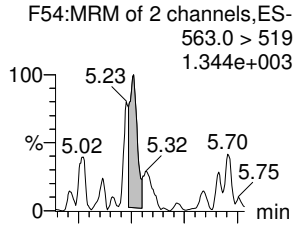

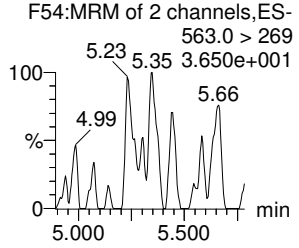

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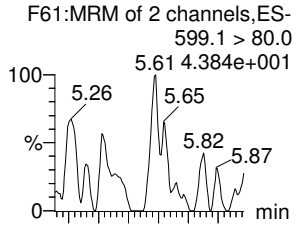

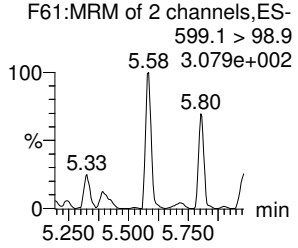

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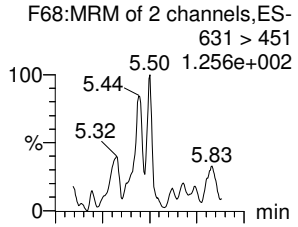

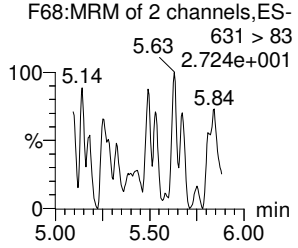

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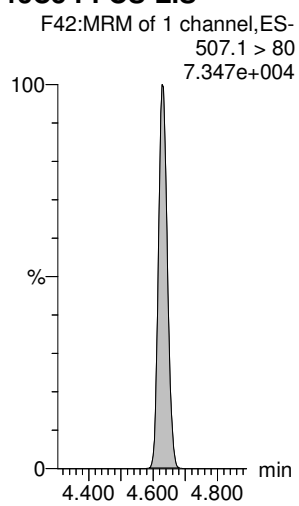

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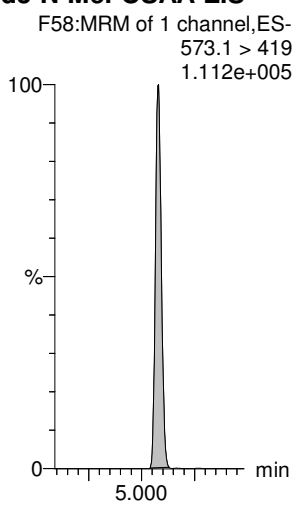

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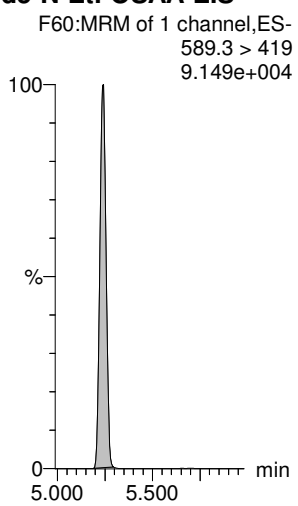

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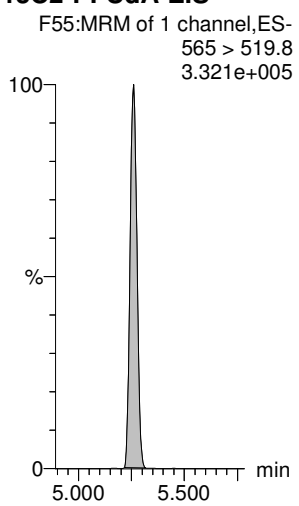

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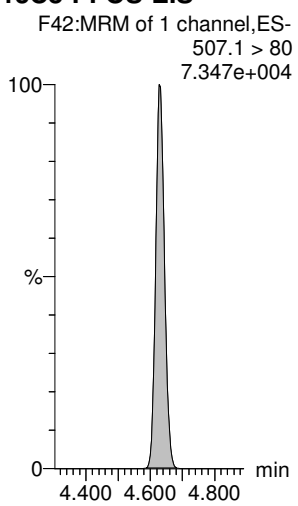

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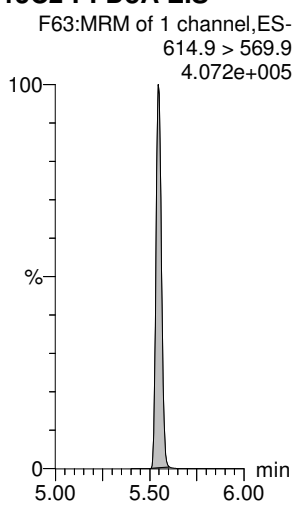

Vista Analytical Laboratory

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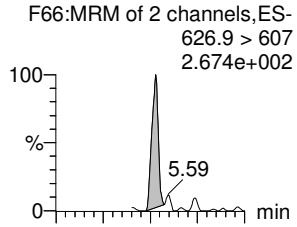
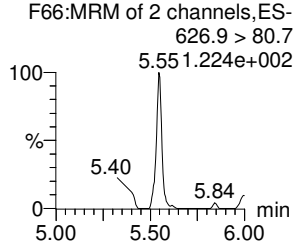
Name: 200527P1-15, Date: 27-May-2020, Time: 14:37:19, ID: IB, Description: IB

10:2 FTS





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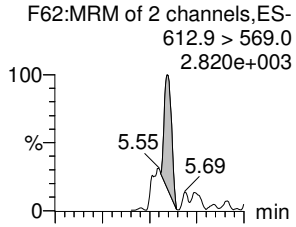

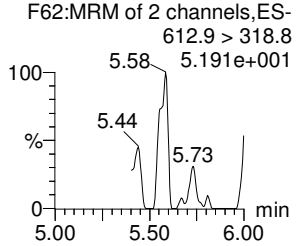

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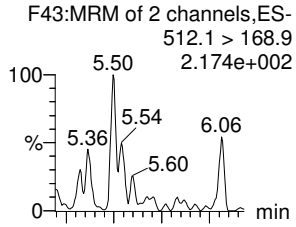

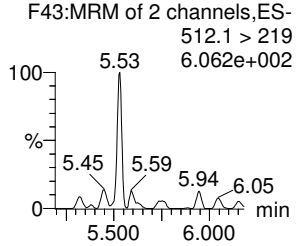

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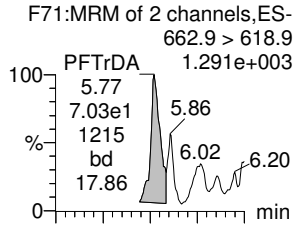

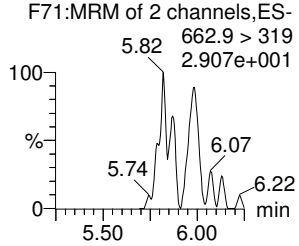

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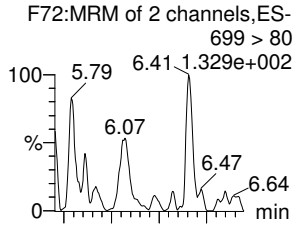

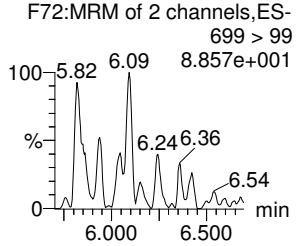

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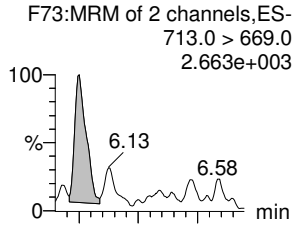

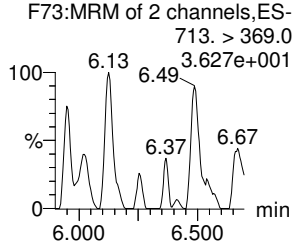

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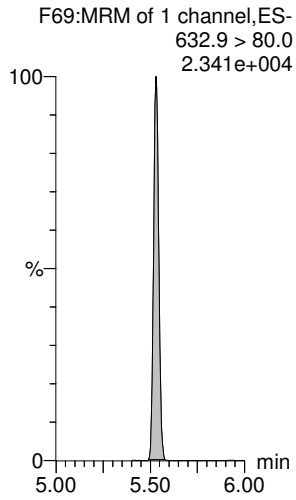
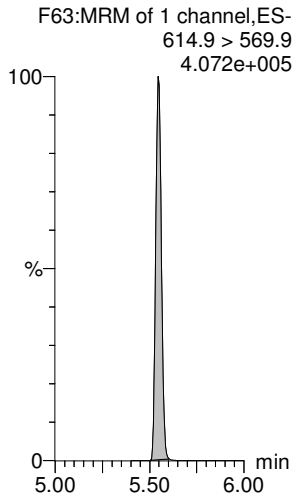


13C2-PFDoA-EIS



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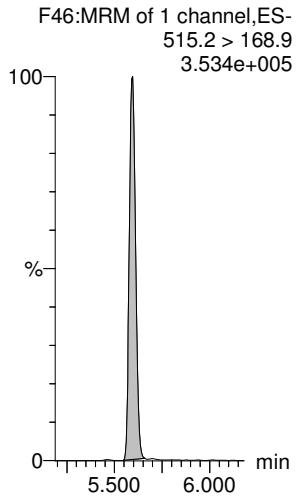

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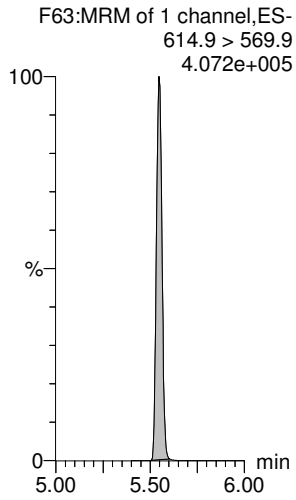

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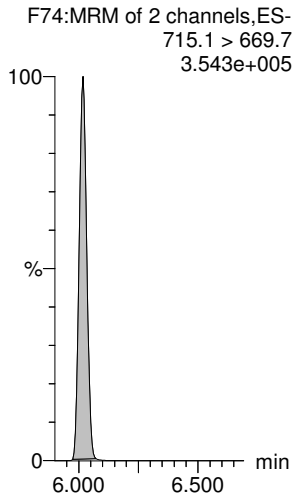

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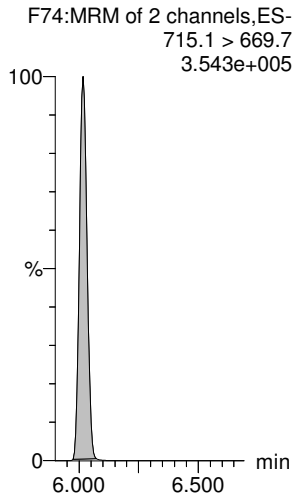

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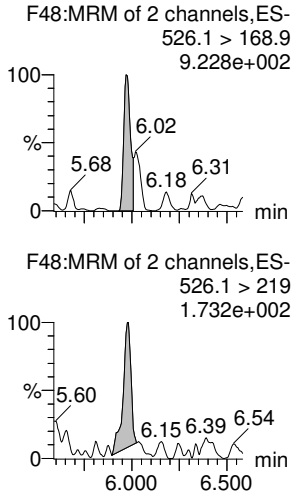

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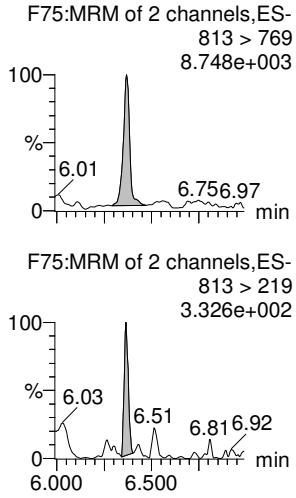

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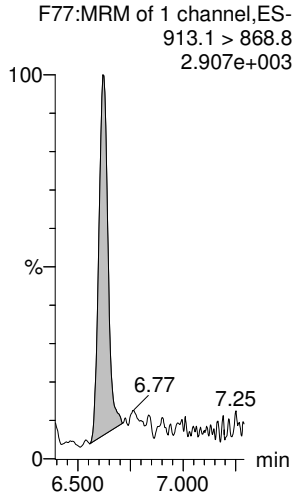

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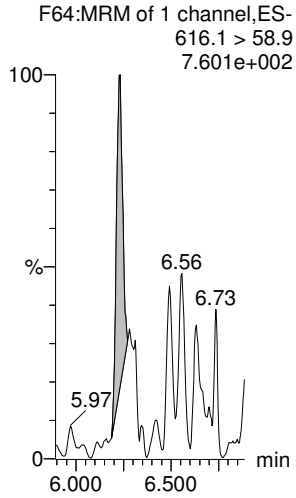

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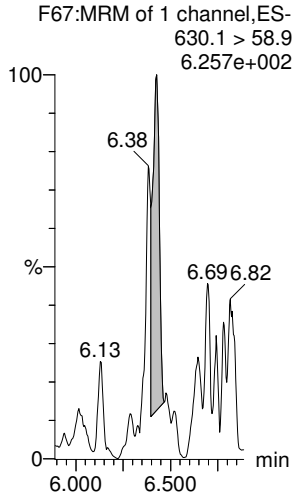

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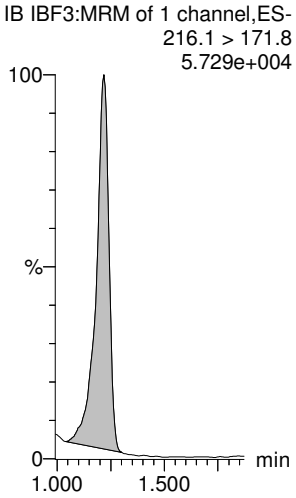
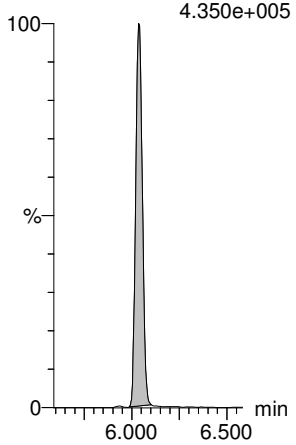


d5-N-ETFOSA-EIS



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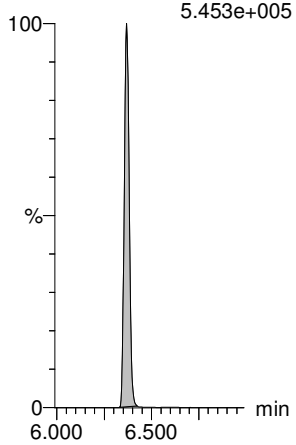

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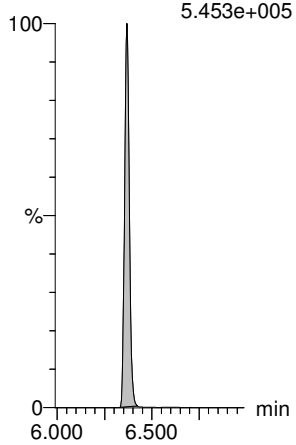

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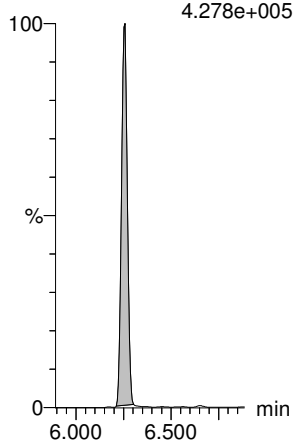

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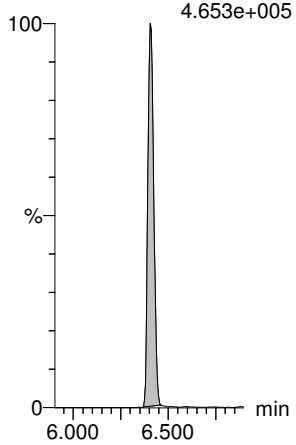

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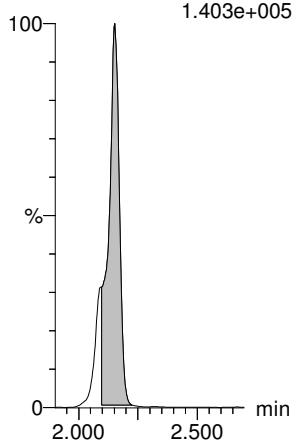

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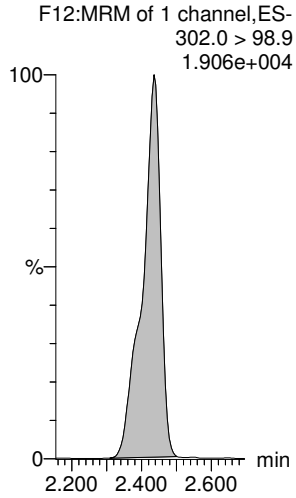

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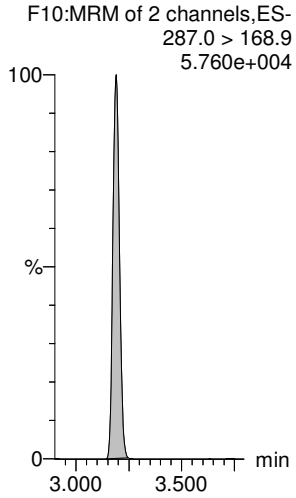

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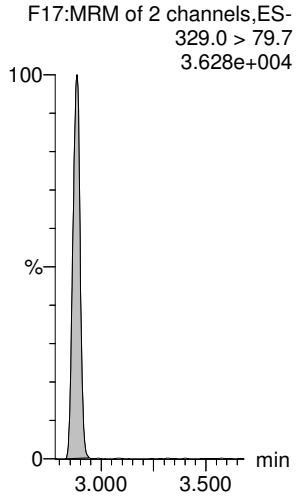

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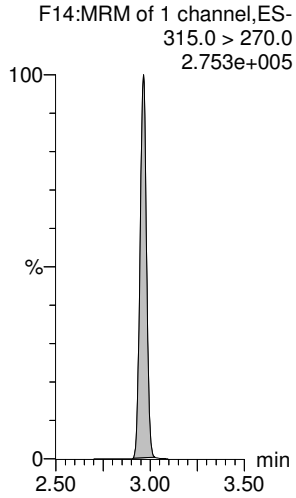

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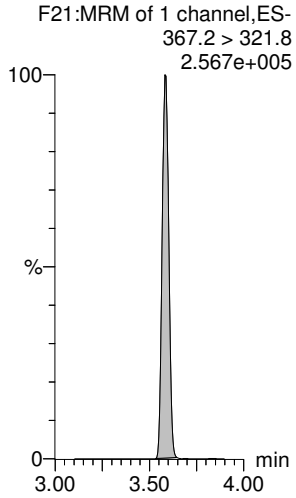

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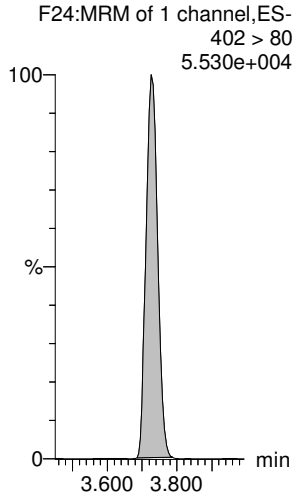
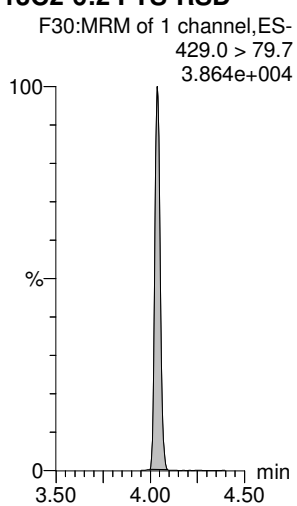
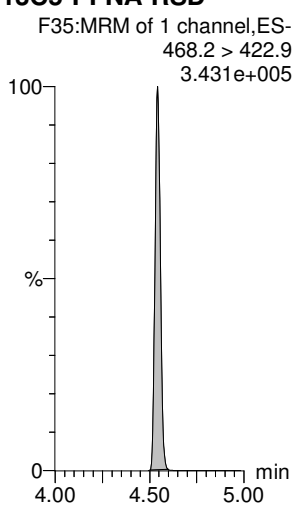


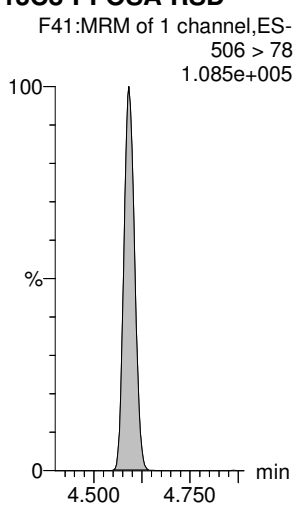
13C2-6:2 FTS-RSD



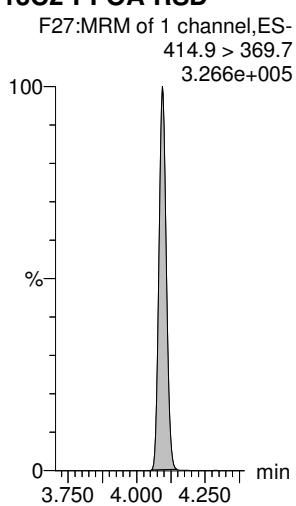
13C5-PFNA-RSD



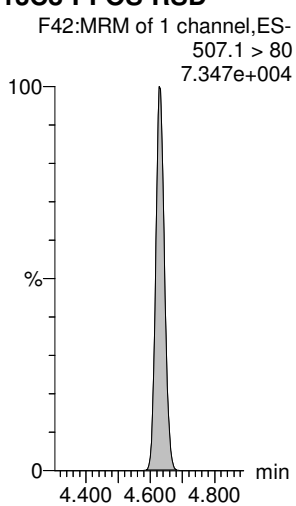
13C8-PFOSA-RSD



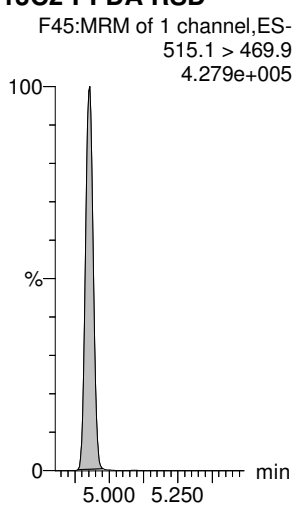
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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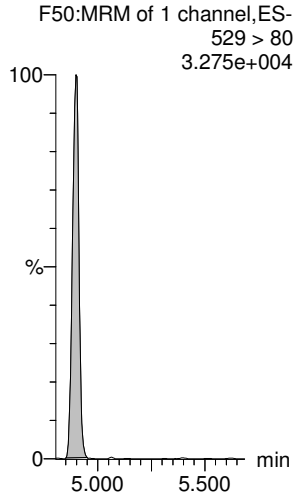
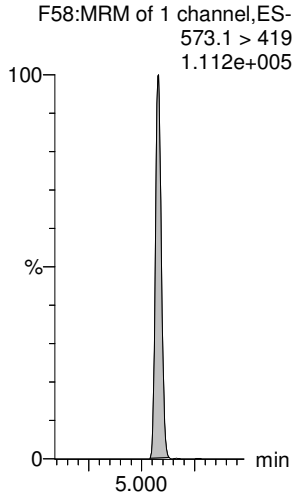
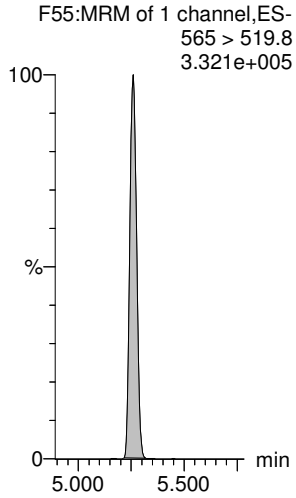
13C2-8:2 FTS-RSD



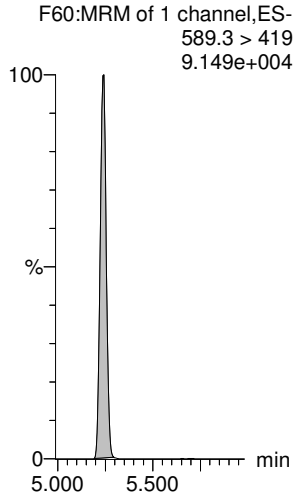
d3-N-MeFOSAA-RSD



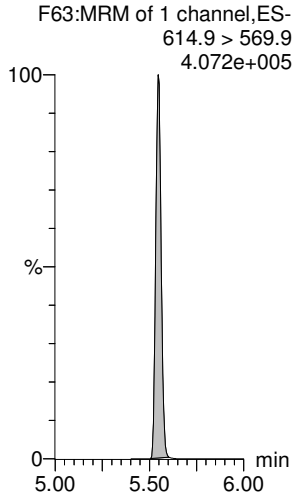
13C2-PFUdA-RSD



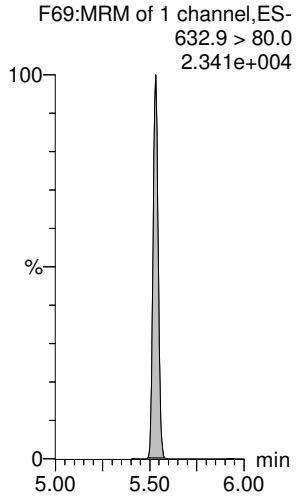
d5-N-EtFOSAA-RSD



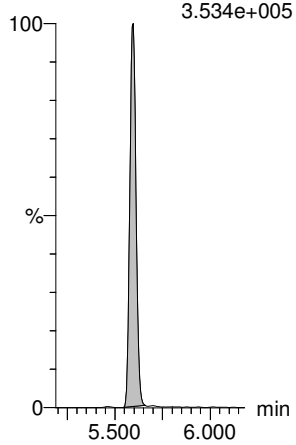
13C2-PFDoA-RSD



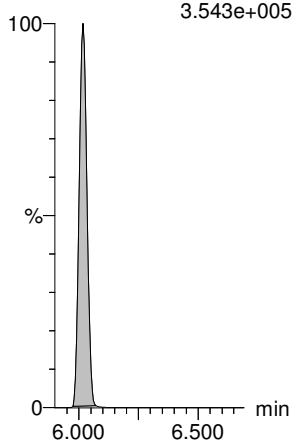
13C2-10:2 FTS-RSD



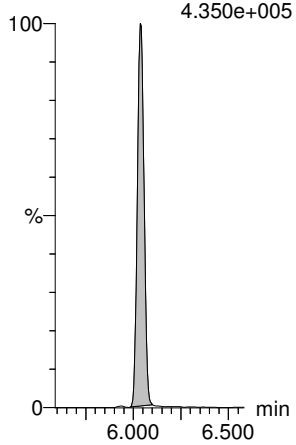
d3-N-MeFOSA-RSD



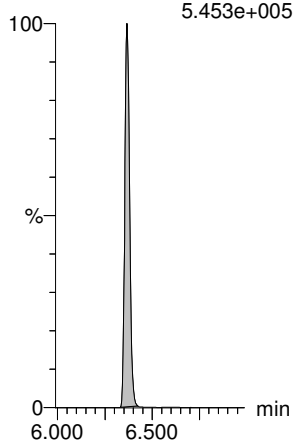
13C2-PFTeDA-RSD



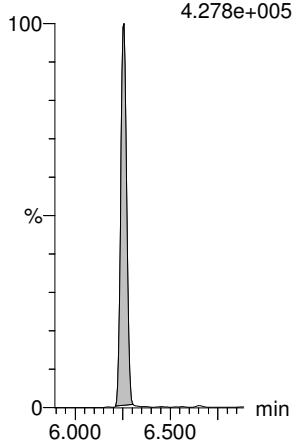
d5-N-ETFOSA-RSD



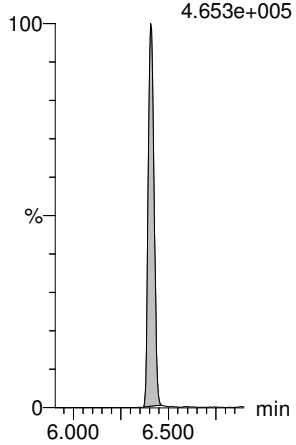
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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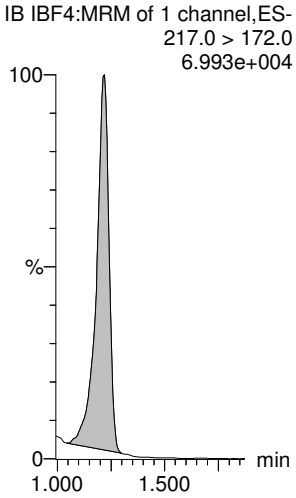
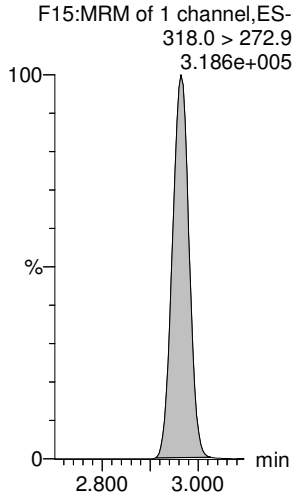
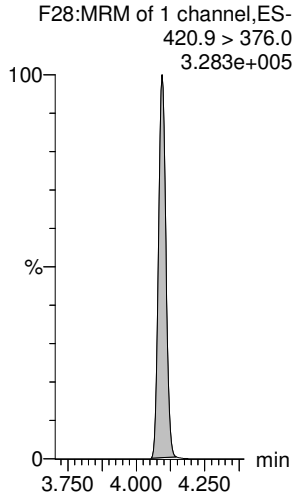
13C4-PFBA



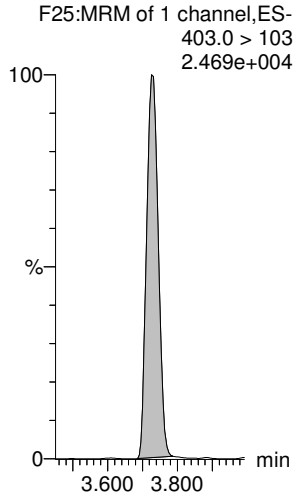
13C5-PFHxA



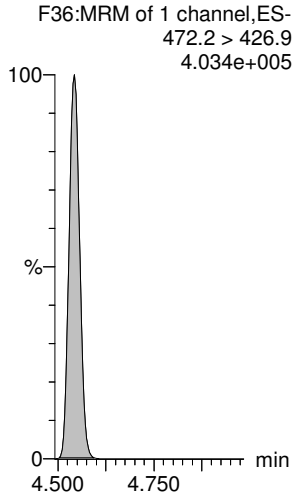
13C8-PFOA



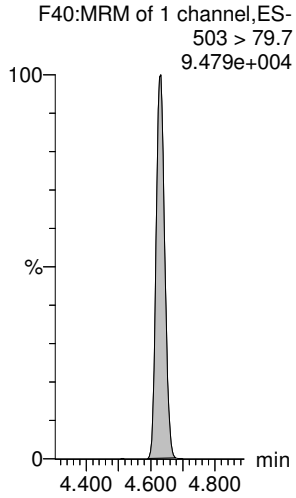
18O2-PFHxS



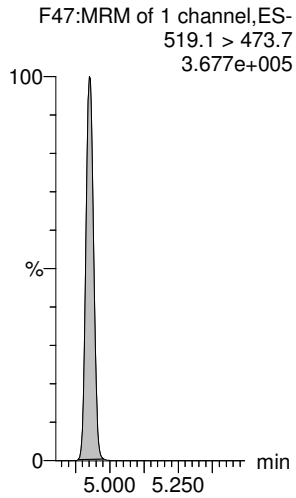
13C9-PFNA



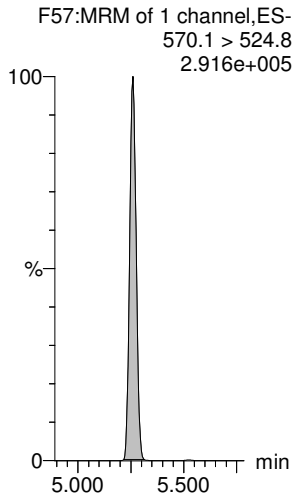
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	5.694	3806.996	1.00	1.35	0.019				NO		
2	2	PFPrS	249 > 80		1150.249	1.00						NO		YES
3	3	3:3 FTCA	240.9 > 176.9		7208.759	1.00						NO		YES
4	4	PFPeA	263.1 > 218.9	9.375	7208.759	1.00	2.44	0.016				NO		
5	5	PFBS	299.0 > 80		1150.249	1.00						NO		YES
6	6	4:2 FTS	327.0 > 307		1426.517	1.00						NO		YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	3806.996		1.00	1.22	3806.996	12.500	13.2	105.3	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1150.249		1.00	2.43	1150.249	12.500	14.0	112.3	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	7208.759		1.00	2.15	7208.759	12.500	12.2	97.9	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	7208.759		1.00	2.15	7208.759	12.500	12.2	97.9	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1150.249		1.00	2.43	1150.249	12.500	14.0	112.3	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.7	1426.517		1.00	2.88	1426.517	12.500	12.0	96.4	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	30.936	10927.936	1.00	2.96	0.035				NO		YES
15	8	PFPeS	349.>80		1150.249	1.00						NO		YES
16	9	HFPO-DA	285.1 > 168.9		2026.916	1.00						NO		YES
17	10	5:3 FTCA	340.9 > 236.9		10068.365	1.00						NO		YES
18	11	PFHpA	363.0 > 319	19.373	10068.365	1.00	3.60	0.024				NO		YES
19	12	ADONA	376.8 > 250.9	41.195	10068.365	1.00	3.65	0.051				NO		YES
20	57	13C2-PFHxA-EIS	315.0 > 270.0	10927.936		1.00	2.96	10927.936	12.500	12.9	103.0	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1150.249		1.00	2.43	1150.249	12.500	14.0	112.3	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2026.916		1.00	3.19	2026.916	12.500	12.5	99.8	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	10068.365		1.00	3.58	10068.365	12.500	13.9	111.2	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	10068.365		1.00	3.58	10068.365	12.500	13.9	111.2	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	10068.365		1.00	3.58	10068.365	12.500	13.9	111.2	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9	14.757	2131.438	1.00	3.73	0.087		0.0766		NO		YES
28	15	6:2 FTS	427.0 > 407			1.00						NO		YES
29	16	L-PFOA	413 > 369	37.313	10278.877	1.00	4.10	0.045				NO	2.482	NO
30	18	PFecHS	461 > 381.0		10278.877	1.00						NO		YES
31	19	PFHpS	449.0 > 80		2310.637	1.00						NO		YES
32	20	7:3 FTCA	440.9 > 336.9		10887.788	1.00						NO		YES
33	61	13C3-PFHxS-EIS	402 > 80	2131.438		1.00	3.73	2131.438	12.500	12.4	99.4	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7			1.00			12.500			NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	10278.877		1.00	4.09	10278.877	12.500	12.7	101.8	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	10278.877		1.00	4.09	10278.877	12.500	12.7	101.8	NO		

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37	71	13C8-PFOS-EIS	507.1 > 80	2310.637		1.00	4.63	2310.637	12.500	13.8	110.5	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	10887.788		1.00	4.54	10887.788	12.500	13.2	105.3	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	8.423	10887.788	1.00	4.55	0.010				NO		YES
41	22	PFOSA	498 > 78	8.387	3510.215	1.00	4.59	0.030				NO		YES
42	23	L-PFOS	499 > 80	7.512	2310.637	1.00	4.60	0.041		0.0492		NO		YES
43	25	9Cl-PF30NS	531 > 351	7.155	2310.637	1.00	4.82	0.039				NO	0.703	NO
44	26	PFDA	513 > 469	41.575	13345.018	1.00	4.90	0.039		0.0218		NO		YES
45	27	8:2 FTS	527.1 > 507		1143.960	1.00						NO		YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	10887.788		1.00	4.54	10887.788	12.500	13.2	105.3	NO		
47	67	13C8-PFOSA-EIS	506 > 78	3510.215		1.00	4.59	3510.215	12.500	13.6	108.9	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2310.637		1.00	4.63	2310.637	12.500	13.8	110.5	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2310.637		1.00	4.63	2310.637	12.500	13.8	110.5	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	13345.018		1.00	4.93	13345.018	12.500	12.3	98.7	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1143.960		1.00	4.90	1143.960	12.500	12.7	101.6	NO		
52	-1													
53	28	PFNS	549 > 80		2310.637	1.00						NO		YES
54	29	L-MeFOSAA	570 > 419		3478.469	1.00						NO		YES
55	31	L-EtFOSAA	584 > 419		3388.663	1.00						NO		YES
56	33	PFUdA	563.0 > 519	53.740	12078.600	1.00	5.26	0.056				NO		YES
57	34	PFDS	599.1 > 80.0		2310.637	1.00						NO		YES
58	35	11Cl-PF30UdS	631 > 451		13611.555	1.00						NO		YES
59	71	13C8-PFOS-EIS	507.1 > 80	2310.637		1.00	4.63	2310.637	12.500	13.8	110.5	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3478.469		1.00	5.08	3478.469	12.500	13.6	109.0	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	3388.663		1.00	5.24	3388.663	12.500	13.3	106.1	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	12078.600		1.00	5.26	12078.600	12.500	12.3	98.0	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2310.637		1.00	4.63	2310.637	12.500	13.8	110.5	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	13611.555		1.00	5.55	13611.555	12.500	13.3	106.5	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	10.307	748.212	1.00	5.53	0.172		0.150		NO		YES
67	37	PFDoA	612.9 > 569.0	108.006	13611.555	1.00	5.59	0.099		0.0792		NO		YES
68	38	N-MeFOSA	512.1 > 168.9		13100.526	1.00						NO		YES
69	39	PFTrDA	662.9 > 618.9	70.306	13611.555	1.00	5.77	0.065		0.0002...		NO		YES
70	40	PFDoS	699 > 80		13113.863	1.00						NO		YES
71	41	PFTeDA	713.0 > 669.0	139.631	13113.863	1.00	6.00	0.133		0.0917		NO		YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	748.212		1.00	5.53	748.212	12.500	13.2	105.4	NO		

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73	83	13C2-PFDoA-EIS	614.9 > 569.9	13611.555		1.00	5.55	13611.555	12.500	13.3	106.5	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	13100.526		1.00	5.60	13100.526	149.200	149	99.8	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	13611.555		1.00	5.55	13611.555	12.500	13.3	106.5	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	13113.863		1.00	6.02	13113.863	12.500	13.0	104.1	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	13113.863		1.00	6.02	13113.863	12.500	13.0	104.1	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	37.101	17239.291	1.00	5.97	0.321		0.0185		NO	4.962	YES
80	43	PFHxDA	813 > 769	321.130	16081.340	1.00	6.37	0.250		0.0392		NO	40.480	NO
81	44	PFODA	913.1 > 868.8	134.771	16081.340	1.00	6.62	0.105		0.116		NO		
82	45	N-MeFOSE	616.1 > 58.9	22.755	15213.541	1.00	6.23	0.223				NO		
83	46	N-EtFOSE	630.1 > 58.9	22.757	16258.604	1.00	6.43	0.209				NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3806.996	4586.860	1.00	1.22	10.375	12.500	11.8	94.5	NO		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	17239.291		1.00	6.04	17239.291	149.200	144	96.2	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	16081.340		1.00	6.37	16081.340	12.500	12.3	98.2	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	16081.340		1.00	6.37	16081.340	12.500	12.3	98.2	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	15213.541		1.00	6.26	15213.541	149.200	151	101.5	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	16258.604		1.00	6.41	16258.604	149.200	150	100.8	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8	7183.351	12632.782	1.00	2.15	7.108	12.500	10.7	86.0	NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9	1150.249	950.662	1.00	2.43	15.124	12.500	11.4	91.6	NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	2026.916	12632.782	1.00	3.19	2.006	12.500	11.1	88.4	NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.7	1426.517	950.662	1.00	2.88	18.757	12.500	10.8	86.3	NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0	10927.936	12632.782	1.00	2.96	10.813	12.500	11.9	95.3	NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	10068.365	12632.782	1.00	3.58	9.963	12.500	12.9	103.1	NO		
97	62	13C3-PFHxS-RSD	402 > 80	2131.438	950.662	1.00	3.73	28.026	12.500	11.2	89.8	NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1263.306	2897.980	1.00	4.04	5.449	12.500	11.6	93.1	NO		
99	66	13C5-PFNA-RSD	468.2 > 422.9	10887.788	12624.002	1.00	4.54	10.781	12.500	11.3	90.3	NO		
100	68	13C8-PFOSA-RSD	506 > 78	3510.215	10345.862	1.00	4.59	4.241	12.500	11.6	92.6	NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	10278.877	10219.025	1.00	4.09	12.573	12.500	11.4	91.1	NO		
102	72	13C8-PFOS-RSD	507.1 > 80	2310.637	2897.980	1.00	4.63	9.967	12.500	11.9	95.0	NO		
103	74	13C2-PFDA-RSD	515.1 > 469.9	13345.018	11421.271	1.00	4.93	14.605	12.500	11.6	93.2	NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1143.960	2897.980	1.00	4.90	4.934	12.500	10.8	86.7	NO		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419	3478.469	10345.862	1.00	5.08	4.203	12.500	12.1	96.9	NO		
107	80	13C2-PFUdA-RSD	565 > 519.8	12078.600	10345.862	1.00	5.26	14.594	12.500	11.2	90.0	NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419	3388.663	10345.862	1.00	5.24	4.094	12.500	12.1	96.8	NO		

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Thursday, May 28, 2020 09:49:08 Pacific Daylight Time
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Name: 200527P1-15, Date: 27-May-2020, Time: 14:37:19, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9	13611.555	11421.271	1.00	5.55	14.897	12.500	11.5	91.8	NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	748.212	2897.980	1.00	5.53	3.227	12.500	11.3	90.1	NO		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9	13100.526	10345.862	1.00	5.60	15.828	149.200	130	87.3	NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7	13113.863	10345.862	1.00	6.02	15.844	12.500	12.0	95.8	NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9	17239.291	10345.862	1.00	6.04	20.829	149.200	130	87.1	NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7	16081.340	10345.862	1.00	6.37	19.430	12.500	11.0	88.1	NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9	15213.541	10345.862	1.00	6.26	18.381	149.200	136	91.1	NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8	16258.604	10345.862	1.00	6.41	19.644	149.200	134	89.9	NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	4586.860	4586.860	1.00	1.22	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9	12632.782	12632.782	1.00	2.96	12.500	12.500	12.5	100.0	NO		
120	1...	13C8-PFOA	420.9 > 376.0	10219.025	10219.025	1.00	4.09	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103	950.662	950.662	1.00	3.73	12.500	12.500	12.5	100.0	NO		
122	1...	13C9-PFNA	472.2 > 426.9	12624.002	12624.002	1.00	4.54	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 79.7	2897.980	2897.980	1.00	4.63	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7	11421.271	11421.271	1.00	4.93	12.500	12.500	12.5	100.0	NO		
125	1...	13C7-PFUdA	570.1 > 524.8	10345.862	10345.862	1.00	5.26	12.500	12.500	12.5	100.0	NO		